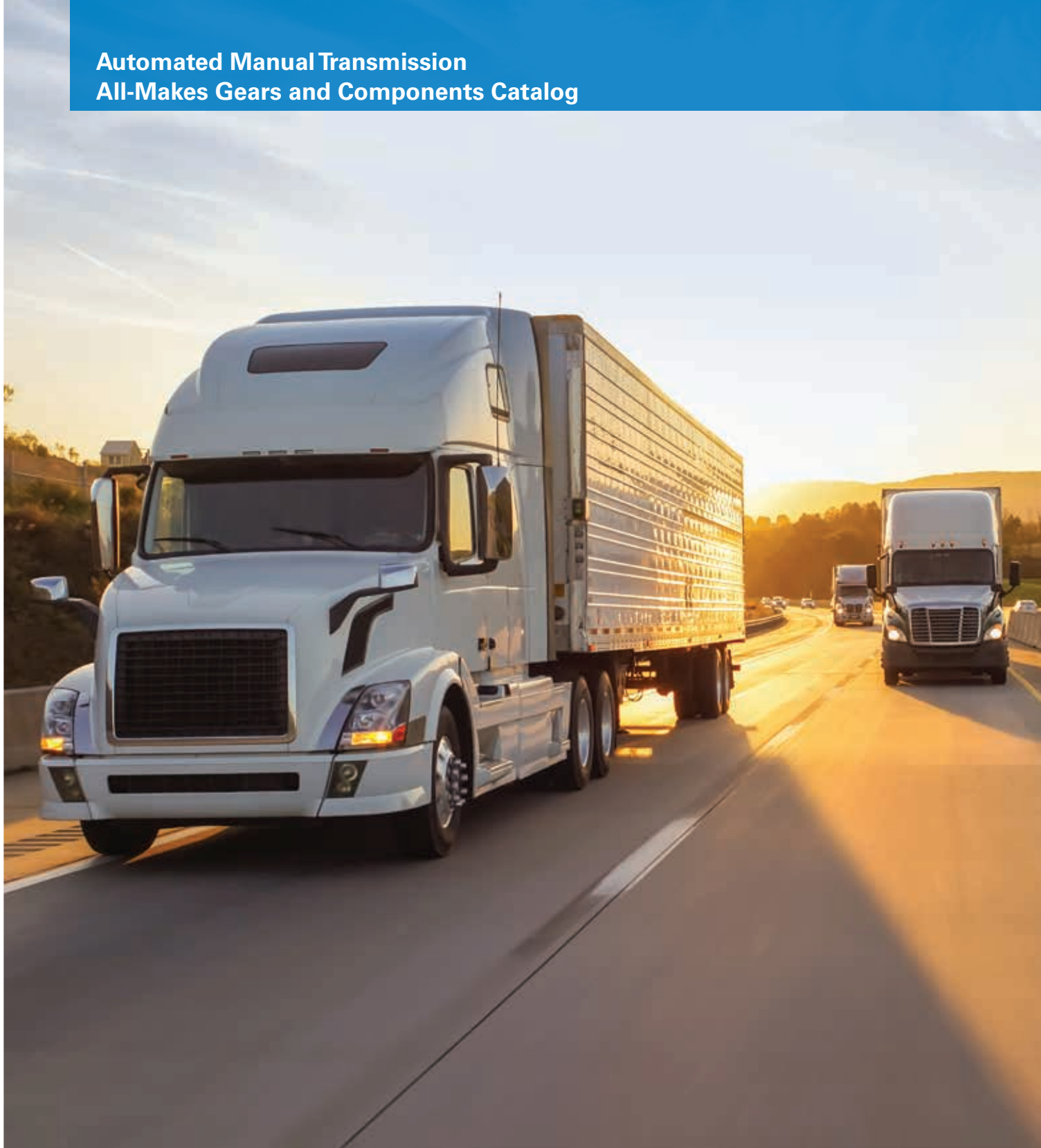


**Automated Manual Transmission
All-Makes Gears and Components Catalog**



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Automated Manual Transmission

All-Makes Gears and Components Catalog



I-Shift/mDRIVE™

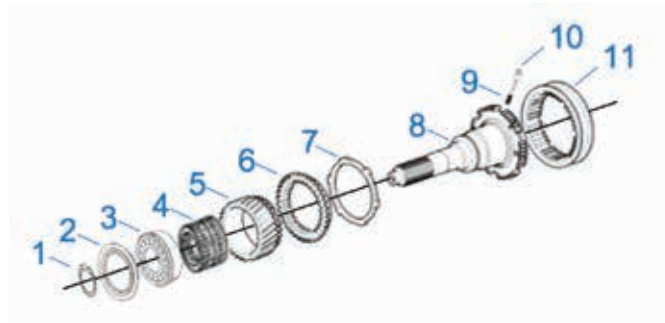
AT2412C.....	4
AT2512C.....	19
AT2812C.....	35
ATO2512C.....	51
ATO3112C.....	67
AT2412D.....	83
AT2612D.....	98
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AT2412E.....	178
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ATO3112E.....	241
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AT2412F.....	273
AT2612F.....	289
AT2812F.....	305
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ATO3112F.....	337
ATO3512F.....	353
SPO2812.....	369
PTO.....	385
Kits.....	392



DT12®

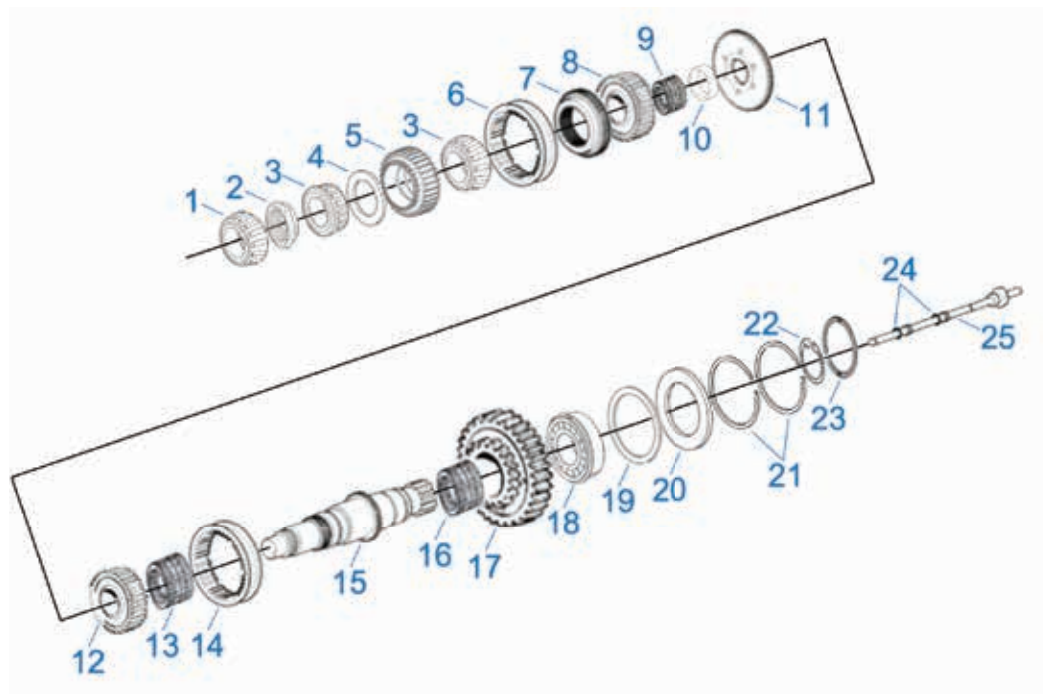
211 (Direct Drive Model B).....	396
230 (Over Drive Model B).....	409
281 (Direct Drive Model A).....	422
330 (Over Drive Model A).....	435
PTO.....	449
Kits.....	450

I-Shift/mDRIVE™ AT2412C Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008411	21008411	Seal and Bearing Kit	1	Type A
	EAIS21008412	21008412	Seal and Bearing Kit	1	Type B
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626063	21626063	Bearing -85x150x30.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20854441	20854441	Gear -31 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
8	EAIS20771702	20771702	Input Shaft -358.50 mm	1	
9	EAIS20845477	20845477	Synchro Spring	4	
10	EAIS20766774	20766774	Synchro Pin	4	
11	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
9, 10	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
6, 7, 9, 10, 11	EAIS21671426C	21671426	Synchro Kit	1	

I-Shift/mDRIVE™ AT2412C Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	

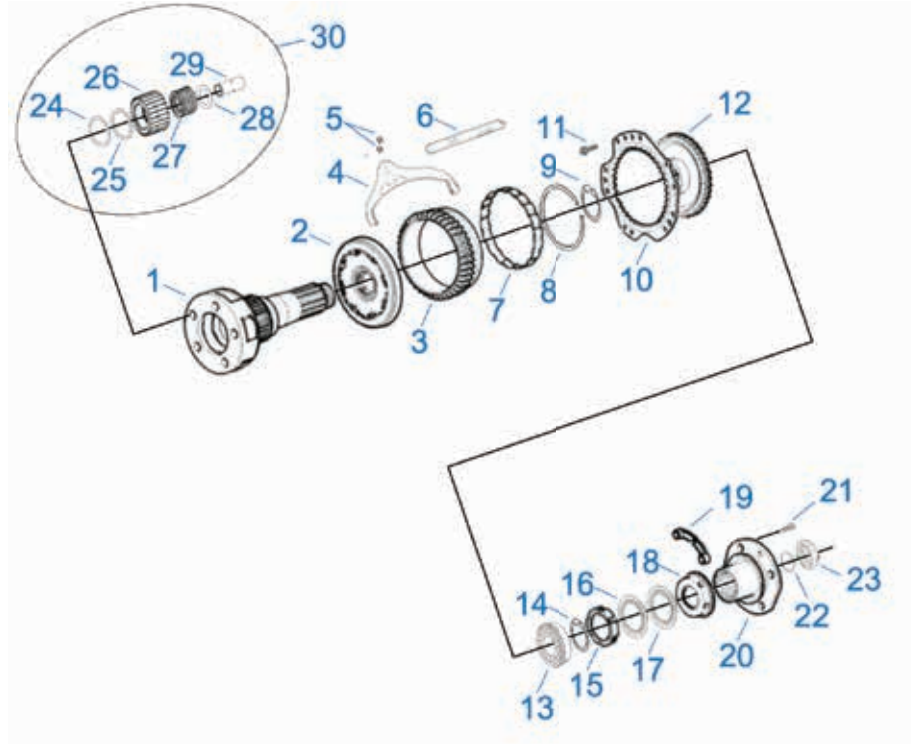
I-Shift/mDRIVE™ AT2412C Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521648	Spacer -9.99 mm	0	
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS20542400	20542400	Sensor Wheel -30 T	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20739229	20739229	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	

I-Shift/mDRIVE™ AT2412C Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1, 2, 3, 4, 5, 6, 7, 8, 9, 12, 13, 14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ AT2412C Planetary Carrier

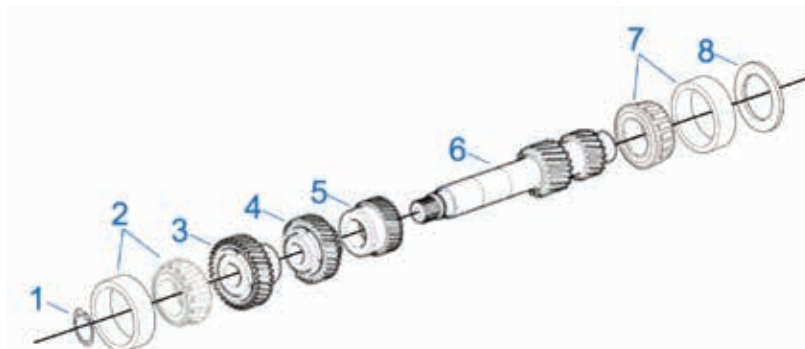


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	Type B
1		20590147	Planetary Complete Assembly	1	Type A - Without Retarder
1		20590148	Planetary Complete Assembly	1	Type A - Without Retarder
1		20733119	Planetary Complete Assembly	1	Type A - With Retarder
1		20733118	Planetary Complete Assembly	1	Type A - With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21430239	21430239	Synchro Ring	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21108695	21108695	Synchro Cone	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS20585994	20585994	Retarder Gear -63 T	1	Type A - With Retarder
12	EAIS21010667	21010667	Retarder Gear	1	Type B - With Retarder
13	EAIS21170624	21170624	Bearing -70x140x26 mm	1	Type A
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	Type B
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	

I-Shift/mDRIVE™ AT2412C Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
15		3191944	Sensor Wheel	1	Type A
15	EAIS20774242	20774242	Sensor Wheel	1	Type B
16	EAIS1652776	1652776	Oil Seal	1	Type A
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	Type B
17	EAIS1652622	1652622	Oil Seal -90x11x8 mm	1	Type A
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	Type B
18		1521751	Sensor Wheel	1	Type A
18	EAIS20784855	20784855	Sensor Wheel	1	Type B
19		21359225	Plate	2	
20	EAIS8172618	8172618	Flange -w/o Retarder	1	Type A - Without Retarder
20	EAIS8172620	8172620	Flange -w/o Retarder	1	Type A - Without Retarder
20		20498990	Flange	1	Type A - With Retarder
20	EAIS22238212	22238212	Flange	1	Type B
21		969818	Screw	2	
22	EAIS976053	976053	O-Ring	1	Type A
22	EAIS976055	976055	O-Ring	1	Type B
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30		22761641	Side Pinion Kit	1	With 4 Side Pinions
30	EAIS22761701	22761701	Side Pinion Kit	1	With 5 Side Pinions
1, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Type B - With Retarder
1, 30		21050684	Planetary Carrier Kit	1	Type B - With Retarder
1,30	EAIS21050621	21050621	Planetary Carrier Kit	1	Type B - Without Retarder
1,30	EAIS21050675	21050675	Planetary Carrier Kit	1	Type B - Without Retarder
2,7,10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2,7,10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 3, 7, 8, 9, 10, 11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ AT2412C Counter Shaft

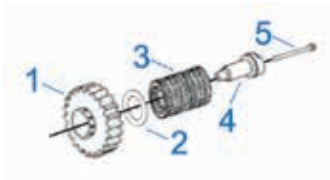


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	n/a	Bearing -60x110x38 mm	1	
2	EAIS21626061	21626061	Bearing -60x110x29.75 mm	1	
3	EAIS20483432	n/a	Gear -35 T	1	
3	EAIS20854437	20854437	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	n/a	Countershaft	1	
6	EAIS20544787	20544787	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	

I-Shift/mDRIVE™ AT2412C Counter Shaft

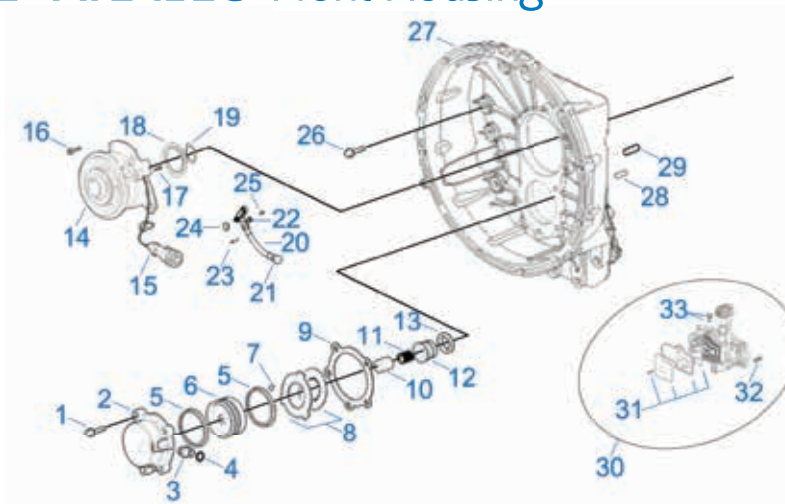
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ AT2412C Reverse Idler



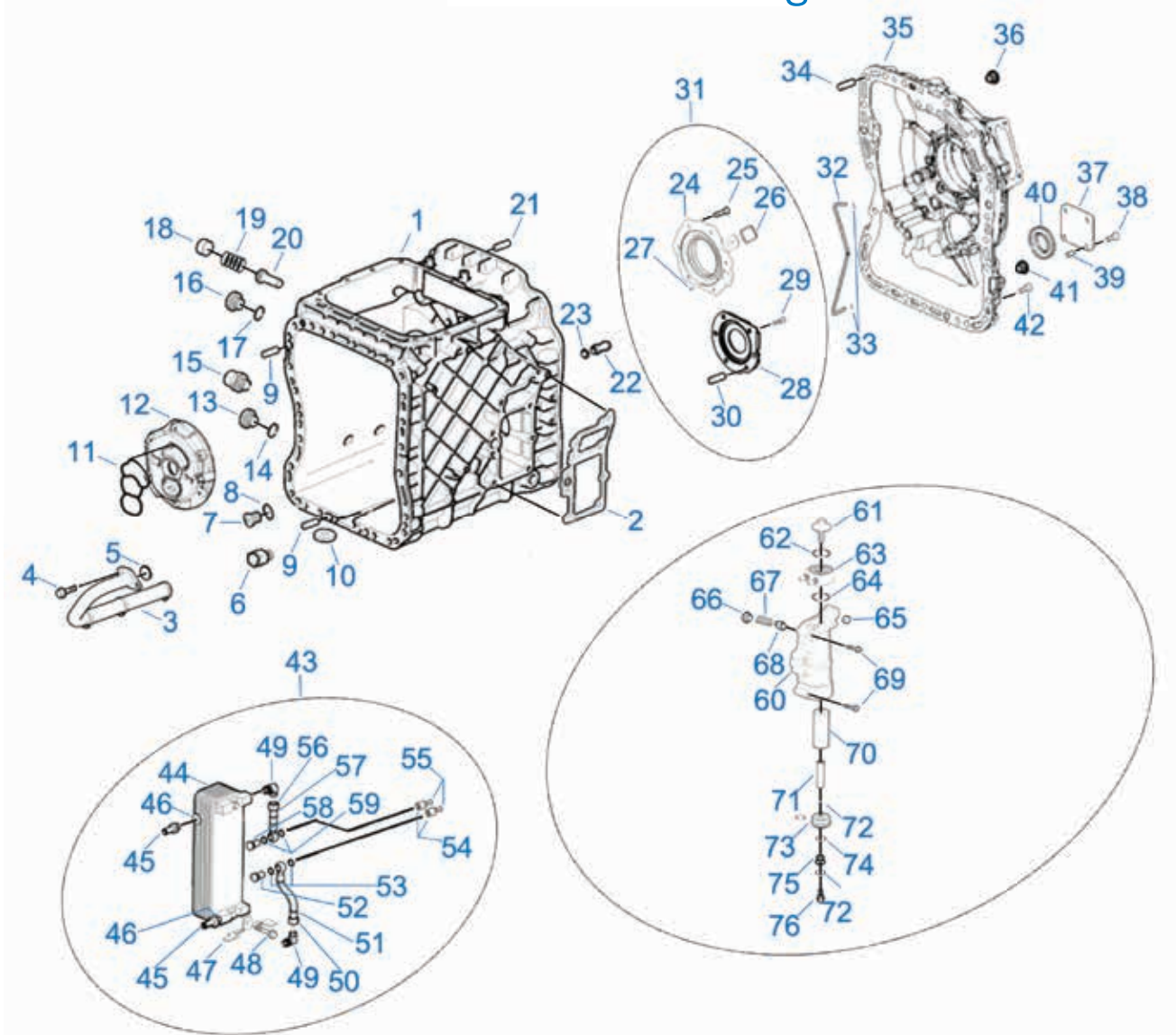
Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust Washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ AT2412C Front Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	22429963	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679939	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22327063	22327063	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ AT2412C Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		22684067	Central Gearbox Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	
4		994271	Screw	2	
5	EAIS949657	949657	O-Ring	1	
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	
18		968064	Plug	1	

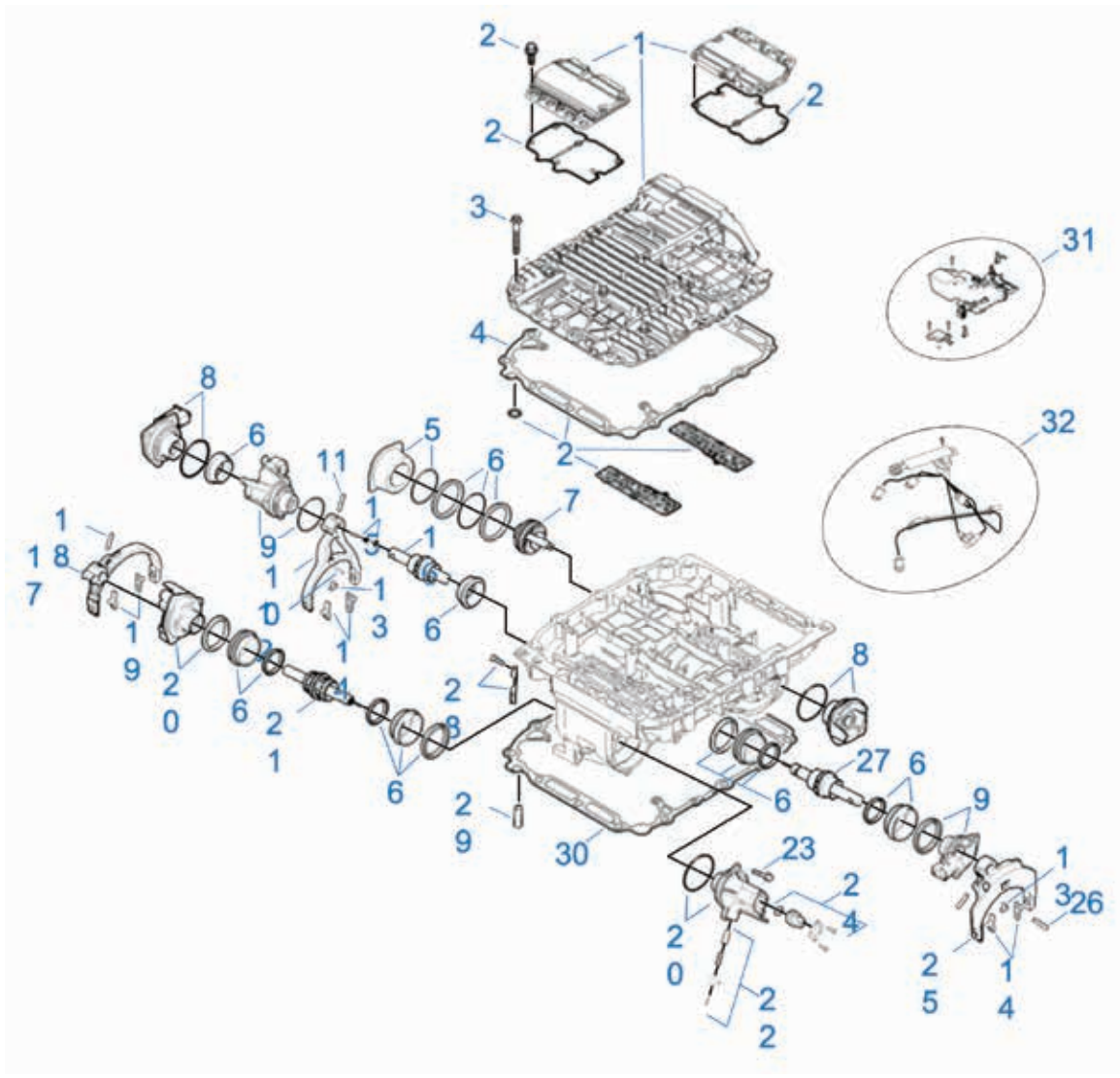
I-Shift/mDRIVE™ AT2412C Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring	2	
24			Gearbox Housing Cover	1	Type G - New Type
24		21664147	Gearbox Housing Cover	1	Type G - New Type
24		20547687	Gearbox Housing Cover	1	Type G - Old Type
24			Gearbox Housing Cover	1	Type G - Old Type
24	EAIS21629020	21629020	Gearbox Housing Cover	1	Type H - New Type
24	EAIS21636544		Gearbox Housing Cover	1	Type H - New Type
24		21336493	Gearbox Housing Cover	1	Type H - Old Type
24			Gearbox Housing Cover	1	Type H - Old Type
25		21650454	Screw	6	New Type
25		1669253	Screw	6	Old Type
26		21565745	Filter	1	Type H - New Type
27		951951	Dowel Pin	1	New Type
28	EAIS22323440	22323440	Gearbox Housing Cover	1	New Type
28		20778541	Gearbox Housing Cover	1	Old Type
29		21650454	Screw	6	New Type
29		1669253	Screw	5	Old Type
30		20985060	Dowel Pin	1	New Type
31		21550882	Gearbox Housing Cover Kit	1	Type H - New Type
31			Gearbox Housing Cover Kit	1	Type H - New Type
32		20571825	Oil Tube	1	
33		976029	O-Ring	2	
34		21176267	Dowel Pin	3	
35		21392881	Rear Gearbox Housing	1	With Retarder
35		21556042	Rear Gearbox Housing	1	With Retarder
35		21556202	Rear Gearbox Housing	1	With Retarder
35		21392880	Rear Gearbox Housing	1	With Retarder
35		22550742	Rear Gearbox Housing	1	Without Retarder
35		20483508	Rear Gearbox Housing	1	Without Retarder
36		943582	Plug	1	
37		1669376	Gearbox Housing Cover	1	
38		994458	Screw	4	
39		948095	Dowel Pin	5	
40	EAIS949647	949647	O-Ring	1	
41		1521691	Plug	1	
42		20534543	Screw	24	
43		20810985	Complete Oil Cooler	1	
43		21359570	Complete Oil Cooler	1	
44		20810884	Oil Cooler	1	
45		966863	Union	2	
45		20938688	Union	2	
46		947624	Gasket	2	
46		11998	Gasket	2	
47		21805418	Bracket	1	
48		984761	Screw	2	

I-Shift/mDRIVE™ AT2412C Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
49		984672	Union	2	
50		984810	Nut	1	
51		21818298	Tube	1	
52		190714	Union	1	
53		947624	Gasket	2	
50,51,52,53		22429386	Tube	1	
54		20710706	Union	2	
55		11998	Gasket	2	
56		984810	Nut	1	
57		21818294	Tube	1	
58		190714	Union	1	
59		947624	Gasket	2	
56, 57, 58, 59		22429384	Tube	1	
60		20700745	Boot	1	Type E
60		21426924	Boot	1	Type F
61		22343544	Screw	1	
62		967343	O-Ring	1	
63		21360064	Union	1	
63		21983348	Union	1	
64		20769993	O-Ring	1	
64		967343	O-Ring	1	
65		1521691	Plug	1	
66		20568482	Plug	1	
67		466653	Spring	1	
68		471085	Valve	1	
69		994388	Screw	8	
70	EAIS22051238	22051238	Oil Filter	1	
71		1069997	Tube	1	Type C
72		974584	O-Ring	1	
73		21723678	Cover	1	Type C
74		976974	O-Ring	1	Type C
75		20366641	Plug	1	Type C
76		22064603	Cover	1	Type D

I-Shift/mDRIVE™ AT2412C Control Actuator

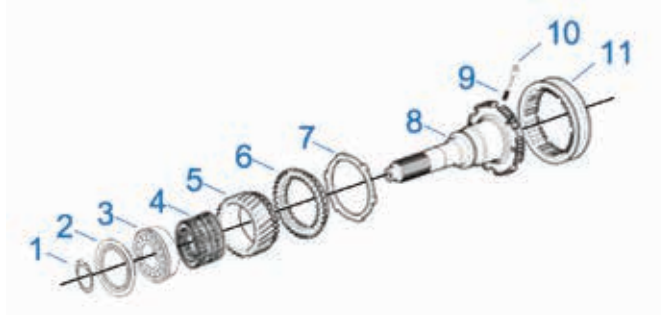


Item	Part Number	Industry Number	Description	Qty	Notes
		22780683	Control Actuator - Complete	1	With Retarder
		22780682	Control Actuator - Complete	1	Without Retarder
		22106416	Control Actuator - Kit	1	Type A
		22780686	Control Actuator - Kit	1	Type B
1		21484416	Upper Cover	1	With Retarder
1		21536238	Upper Cover	1	Without Retarder
2	EAIS20785252	20785252	Gasket Kit	1	
3		20534545	Screw	14	
4	EAIS20562270	20562270	Gasket	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS20562635	20562635	Covers Kit	1	
9	EAIS20562633	20562633	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	ø 12 mm
13	EAIS20542598	20542598	Synchro Sliding Pad	2	ø 11 mm

I-Shift/mDRIVE™ AT2412C Control Actuator

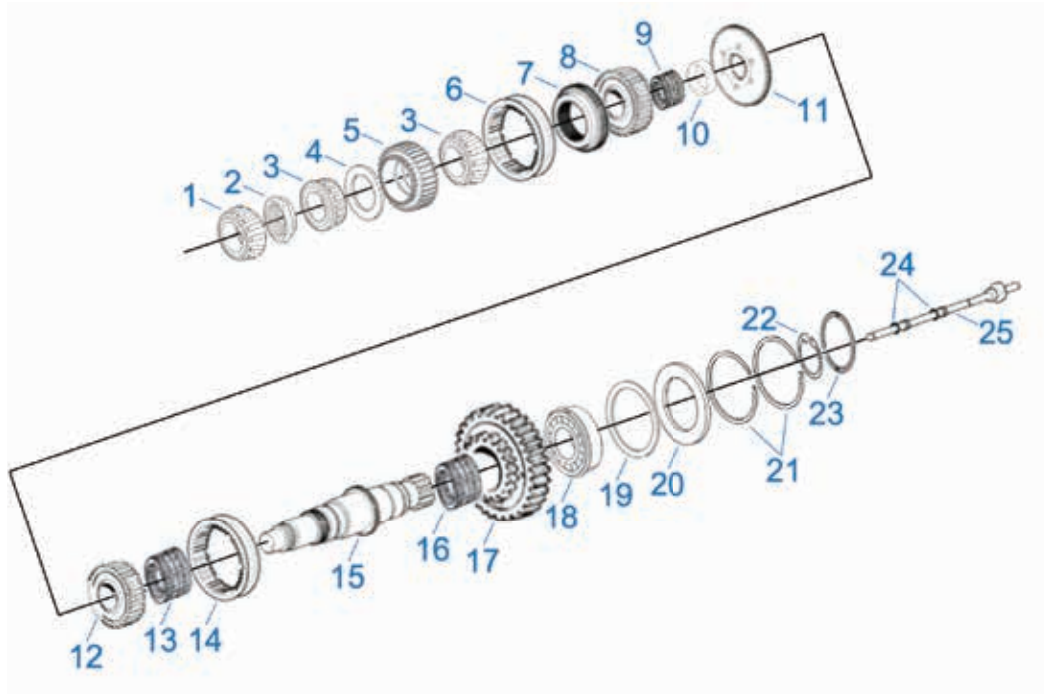
Item	Part Number	Industry Number	Description	Qty	Notes
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20	EAIS20562631	20562631	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25	EAIS21512541	21512541	Shift Fork	1	Type A
25		21678722	Shift Fork	1	Type B
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28	EAIS20845917	20845917	Stop Bracket	1	
29		3192982	Threaded Pin	2	
30	EAIS21244695	21244695	Gasket	1	New Type
30	EAIS8171137	8171137	Gasket	1	Old Type
31	EAIS21068286	21068286	Pressure Sensor Repair Kit	1	
32	EAIS22117441	22117441	Cable Harness Kit	1	
32	EAIS22176325	22176325	Cable Harness Kit	1	
11,13, 14, 19, 26	EAIS20562628	20562628	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20542598
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730
13,14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ AT2512C Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008411	21008411	Seal and Bearing Kit	1	Type A
	EAIS21008412	21008412	Seal and Bearing Kit	1	Type B
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20854441	20854441	Gear -31 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
8	EAIS20771700	20771700	Input Shaft -358.50 mm	1	
8	EAIS21753181	21753181	Input Shaft -376.50 mm	1	
9	EAIS20845477	20845477	Synchro Spring	4	
10	EAIS20766774	20766774	Synchro Pin	4	
11	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
9, 10	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
6, 7, 9, 10, 11	EAIS21671426C	21671426	Synchro Kit	1	

I-Shift/mDRIVE™ AT2512C Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

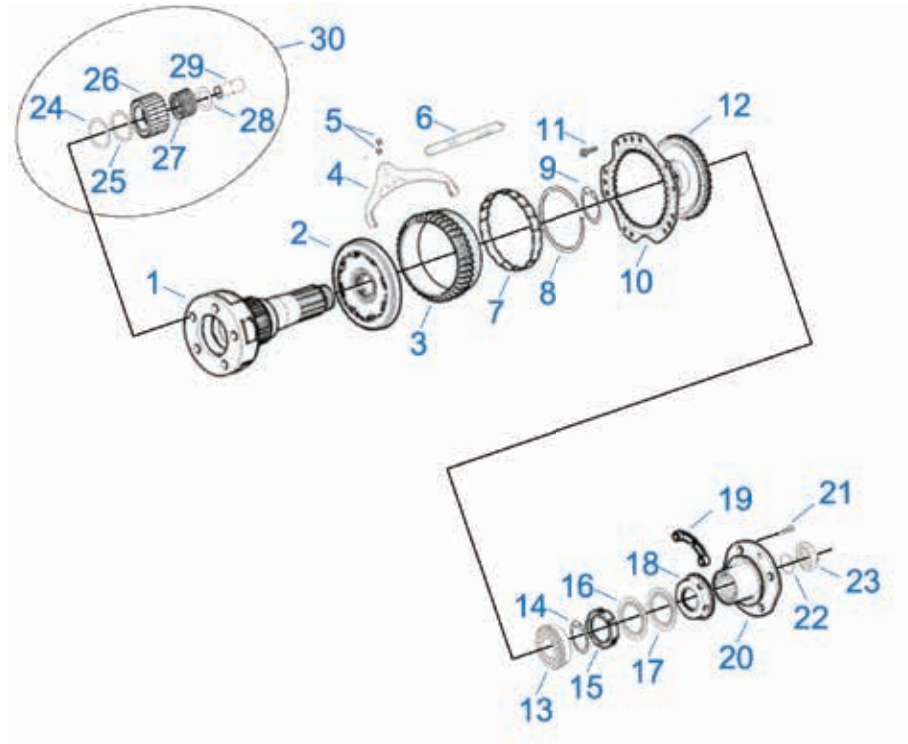
I-Shift/mDRIVE™ AT2512C Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS20542400	20542400	Sensor Wheel -30 T	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	

I-Shift/mDRIVE™ AT2512C Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1, 2, 3, 4, 5, 6, 7, 8, 9, 12, 13, 14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ AT2512C Planetary Carrier

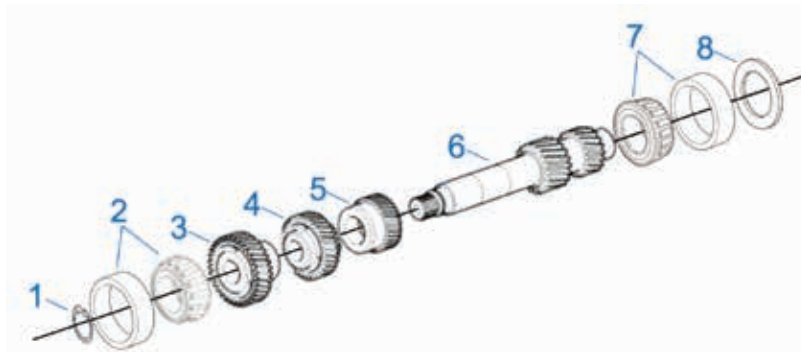


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	Type B
1		20590147	Planetary Complete Assembly	1	Type A - Without Retarder
1		20590148	Planetary Complete Assembly	1	Type A - Without Retarder
1		20733119	Planetary Complete Assembly	1	Type A - With Retarder
1		20733118	Planetary Complete Assembly	1	Type A - With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21430239	21430239	Synchro Ring	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21108695	21108695	Synchro Cone	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS20585994	20585994	Retarder Gear -63 T	1	Type A - With Retarder
12	EAIS21010667	21010667	Retarder Gear	1	Type B - With Retarder
13	EAIS21170624	21170624	Bearing -70x140x26 mm	1	Type A
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	Type B
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	

I-Shift/mDRIVE™ AT2512C Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
15		3191944	Sensor Wheel	1	Type A
15	EAIS20774242	20774242	Sensor Wheel	1	Type B
16	EAIS1652776	1652776	Oil Seal	1	Type A
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	Type B
17	EAIS1652622	1652622	Oil Seal -90x11x8 mm	1	Type A
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	Type B
18		1521751	Sensor Wheel	1	Type A
18	EAIS20784855	20784855	Sensor Wheel	1	Type B
19		21359225	Plate	2	
20	EAIS8172618	8172618	Flange -w/o Retarder	1	Type A - Without Retarder
20	EAIS8172620	8172620	Flange -w/o Retarder	1	Type A - Without Retarder
20		20498990	Flange	1	Type A - With Retarder
20	EAIS22238212	22238212	Flange	1	Type B
21		969818	Screw	2	
22	EAIS976053	976053	O-Ring	1	Type A
22	EAIS976055	976055	O-Ring	1	Type B
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30		22761641	Side Pinion Kit	1	With 4 Side Pinions
30	EAIS22761701	22761701	Side Pinion Kit	1	With 5 Side Pinions
1, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Type B - With Retarder
1, 30		21050684	Planetary Carrier Kit	1	Type B - With Retarder
1, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Type B - Without Retarder
1, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Type B - Without Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 3, 7, 8, 9, 10, 11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ AT2512C Counter Shaft

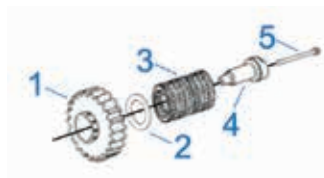


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
2	EAIS21626061	n/a	Bearing -60x110x29.75 mm	1	
3	EAIS20483432	n/a	Gear -35 T	1	
3	EAIS20854437	20854437	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	20544785	Countershaft	1	
6	EAIS20544787	n/a	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	

I-Shift/mDRIVE™ AT2512C Counter Shaft

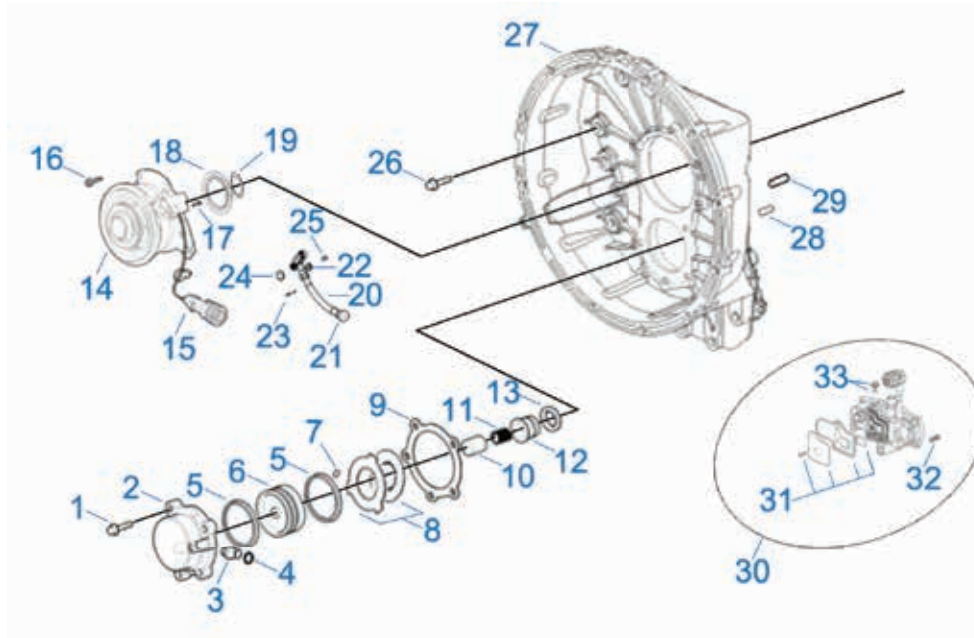
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ AT2512C Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust Washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ AT2512C Front Housing

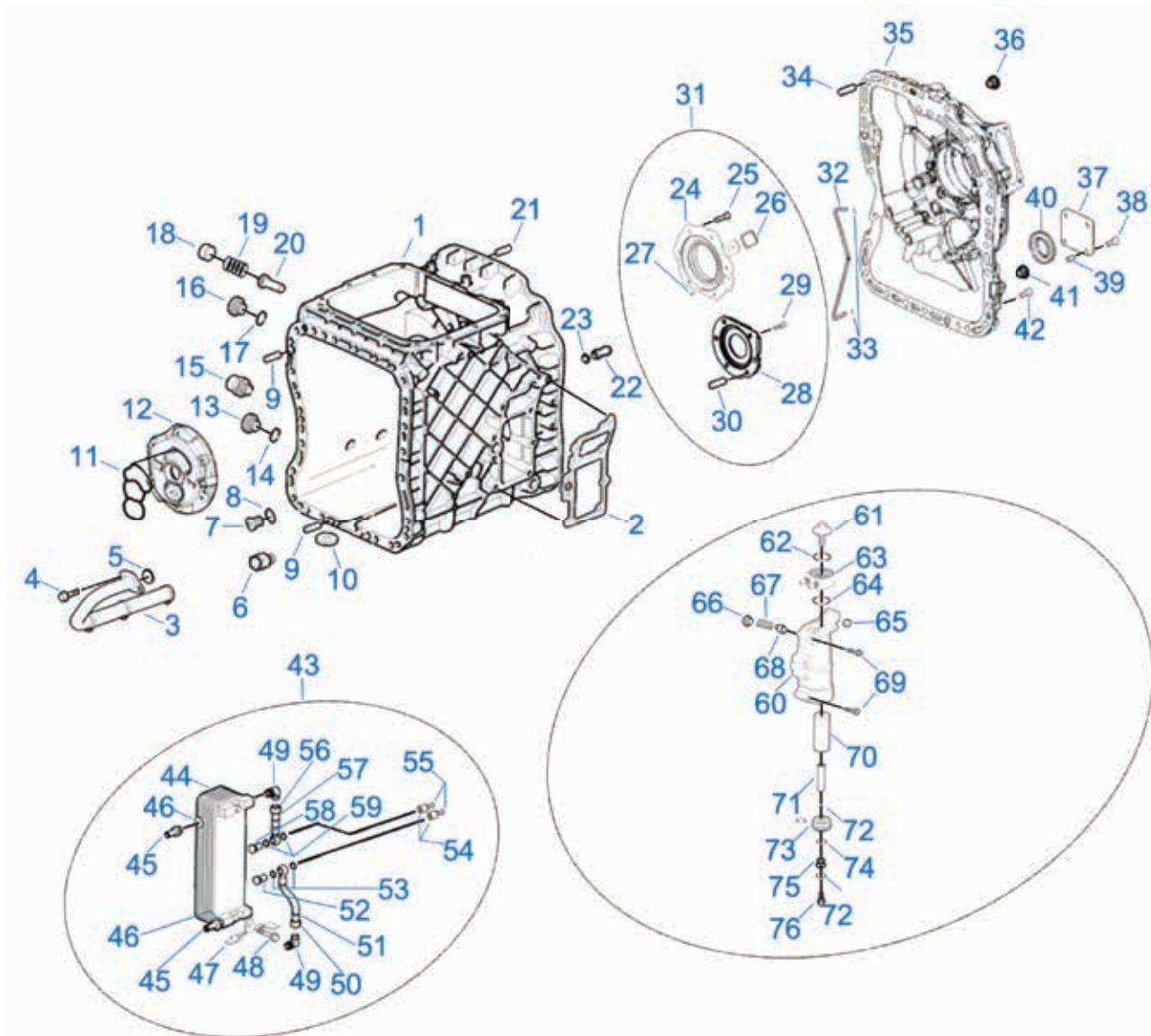


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	22429963	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ AT2512C Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679941	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22327063	22327063	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ AT2512C Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		22684067	Central Gearbox Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	
4		994271	Screw	2	
5	EAIS949657	949657	O-Ring	1	
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	

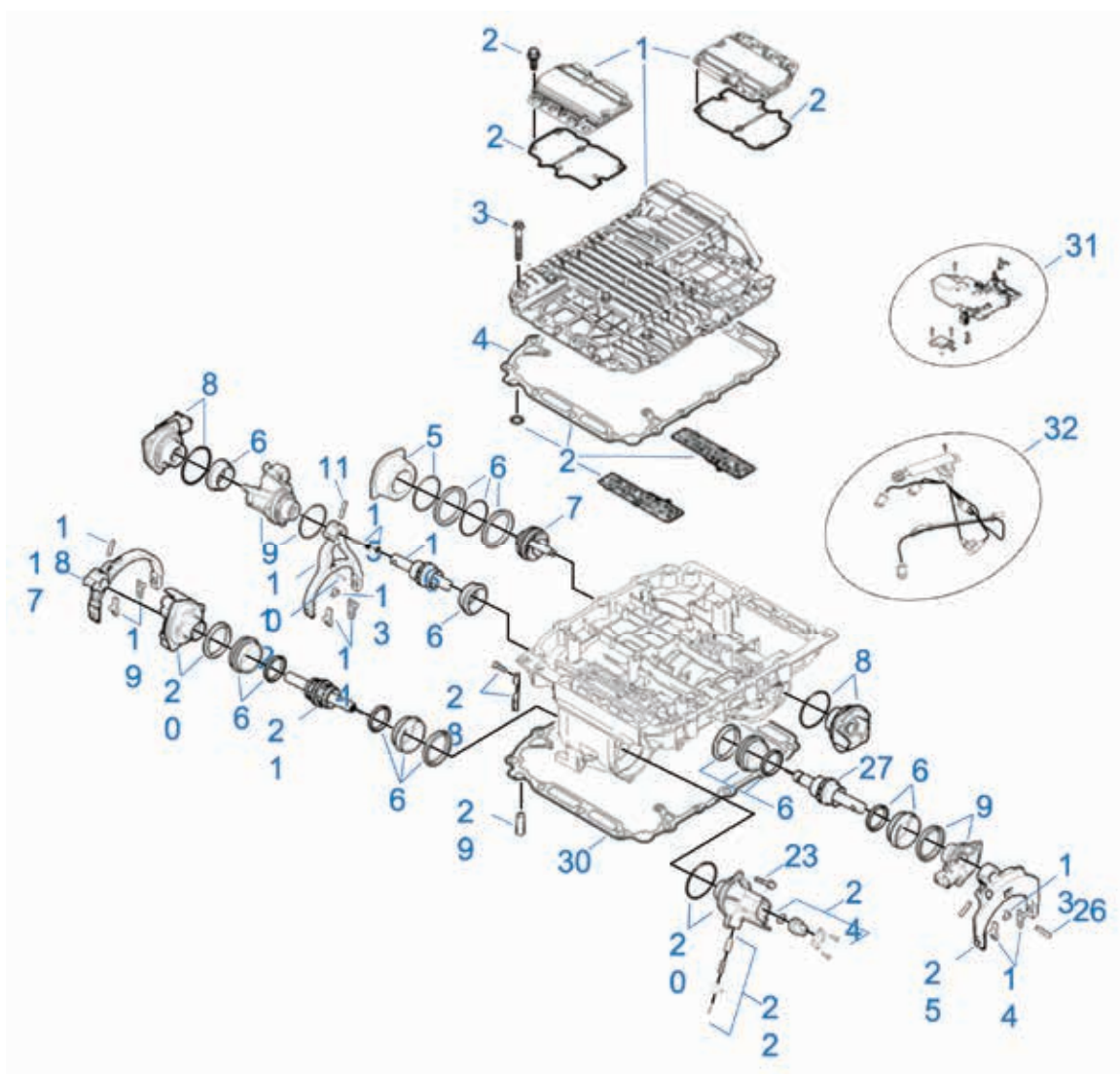
I-Shift/mDRIVE™ AT2512C Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring	2	
24			Gearbox Housing Cover	1	Type G - New Type
24		21664147	Gearbox Housing Cover	1	Type G - New Type
24		20547687	Gearbox Housing Cover	1	Type G - Old Type
24			Gearbox Housing Cover	1	Type G - Old Type
24	EAIS21629020	21629020	Gearbox Housing Cover	1	Type H - New Type
24	EAIS21636544		Gearbox Housing Cover	1	Type H - New Type
24		21336493	Gearbox Housing Cover	1	Type H - Old Type
24			Gearbox Housing Cover	1	Type H - Old Type
25		21650454	Screw	6	New Type
25		1669253	Screw	6	Old Type
26		21565745	Filter	1	Type H - New Type
27		951951	Dowel Pin	1	New Type
28	EAIS22323440	22323440	Gearbox Housing Cover	1	New Type
28		20778541	Gearbox Housing Cover	1	Old Type
29		21650454	Screw	6	New Type
29		1669253	Screw	5	Old Type
30		20985060	Dowel Pin	1	New Type
31		21550882	Gearbox Housing Cover Kit	1	Type H - New Type
31			Gearbox Housing Cover Kit	1	Type H - New Type
32		20571825	Oil Tube	1	
33		976029	O-Ring	2	
34		21176267	Dowel Pin	3	
35		21392881	Rear Gearbox Housing	1	With Retarder
35		21556042	Rear Gearbox Housing	1	With Retarder
35		21556202	Rear Gearbox Housing	1	With Retarder
35		21392880	Rear Gearbox Housing	1	With Retarder
35		22550742	Rear Gearbox Housing	1	Without Retarder
35		20483508	Rear Gearbox Housing	1	Without Retarder
36		943582	Plug	1	
37		1669376	Gearbox Housing Cover	1	
38		994458	Screw	4	
39		948095	Dowel Pin	5	
40	EAIS949647	949647	O-Ring	1	
41		1521691	Plug	1	
42		20534543	Screw	24	
43		20810985	Complete Oil Cooler	1	
43		21359570	Complete Oil Cooler	1	
44		20810884	Oil Cooler	1	
45		966863	Union	2	
45		20938688	Union	2	
46		947624	Gasket	2	
46		11998	Gasket	2	
47		21805418	Bracket	1	

I-Shift/mDRIVE™ AT2512C Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
48		984761	Screw	2	
49		984672	Union	2	
50		984810	Nut	1	
51		21818298	Tube	1	
52		190714	Union	1	
53		947624	Gasket	2	
50,51,52,53		22429386	Tube	1	
54		20710706	Union	2	
55		11998	Gasket	2	
56		984810	Nut	1	
57		21818294	Tube	1	
58		190714	Union	1	
59		947624	Gasket	2	
56,57,58,59		22429384	Tube	1	
60		20700745	Boot	1	Type E
60		21426924	Boot	1	Type F
61		22343544	Screw	1	
62		967343	O-Ring	1	
63		21360064	Union	1	
63		21983348	Union	1	
64		20769993	O-Ring	1	
64		967343	O-Ring	1	
65		1521691	Plug	1	
66		20568482	Plug	1	
67		466653	Spring	1	
68		471085	Valve	1	
69		994388	Screw	8	
70	EAIS22051238	22051238	Oil Filter	1	
71		1069997	Tube	1	Type C
72		974584	O-Ring	1	
73		21723678	Cover	1	Type C
74		976974	O-Ring	1	Type C
75		20366641	Plug	1	Type C
76		22064603	Cover	1	Type D

I-Shift/mDRIVE™ AT2512C Control Actuator

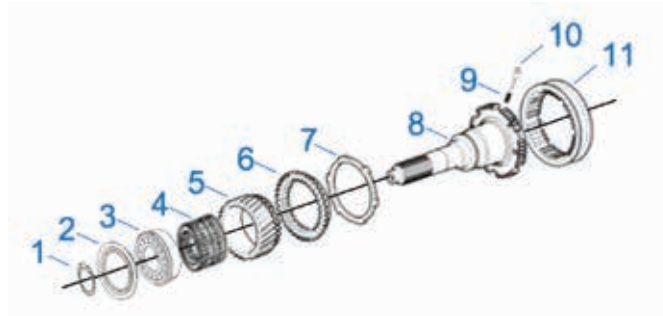


Item	Part Number	Industry Number	Description	Qty	Notes
		22780683	Control Actuator - Complete	1	With Retarder
		22780682	Control Actuator - Complete	1	Without Retarder
		22106416	Control Actuator - Kit	1	Type A
		22780686	Control Actuator - Kit	1	Type B
1		21484416	Upper Cover	1	With Retarder
1		21536238	Upper Cover	1	Without Retarder
2	EAIS20785252	20785252	Gasket Kit	1	
3		20534545	Screw	14	
4	EAIS20562270	20562270	Gasket	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS20562635	20562635	Covers Kit	1	
9	EAIS20562633	20562633	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	ø 12 mm

I-Shift/mDRIVE™ AT2512C Control Actuator

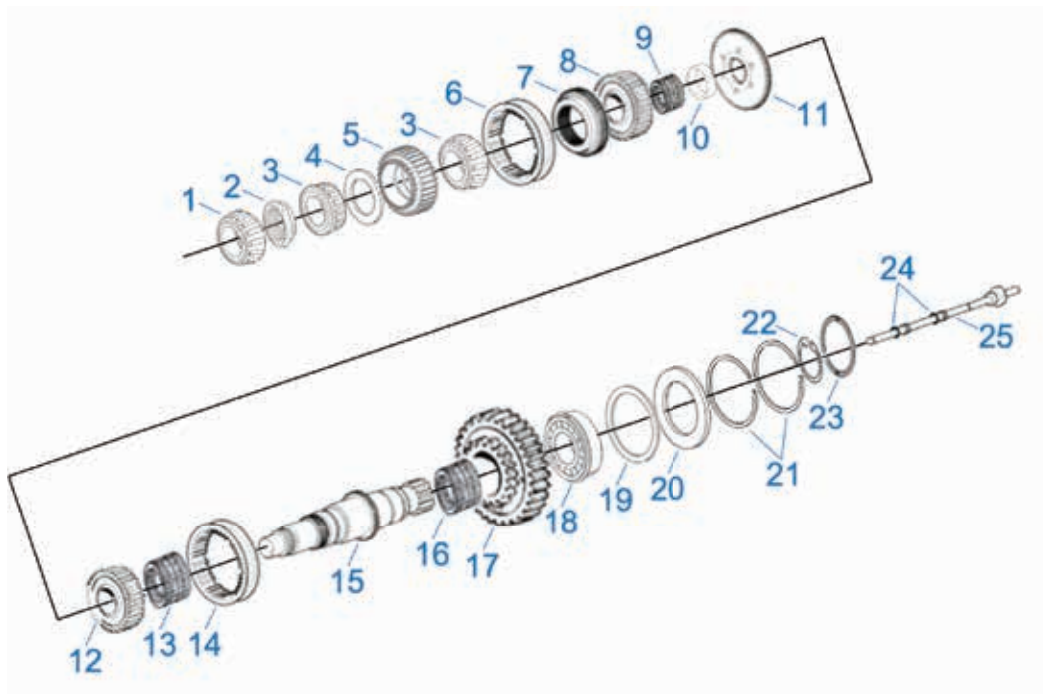
Item	Part Number	Industry Number	Description	Qty	Notes
13	EAIS20542598	20542598	Synchro Sliding Pad	2	ø 11 mm
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20	EAIS20562631	20562631	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25	EAIS21512541	21512541	Shift Fork	1	Type A
25		21678722	Shift Fork	1	Type B
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28	EAIS20845917	20845917	Stop Bracket	1	
29		3192982	Threaded Pin	2	
30	EAIS21244695	21244695	Gasket	1	New Type
30	EAIS8171137	8171137	Gasket	1	Old Type
31	EAIS21068286	21068286	Pressure Sensor Repair Kit	1	
32	EAIS22117441	22117441	Cable Harness Kit	1	
32	EAIS22176325	22176325	Cable Harness Kit	1	
11,13, 14, 19, 26	EAIS20562628	20562628	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20542598
11,13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730
13,14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ AT2812C Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008411	21008411	Seal and Bearing Kit	1	Type A
	EAIS21008412	21008412	Seal and Bearing Kit	1	Type B
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20854441	20854441	Gear -31 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
8	EAIS20771700	20771700	Input Shaft -358.50 mm	1	
8	EAIS21753181	21753181	Input Shaft -376.50 mm	1	
9	EAIS20845477	20845477	Synchro Spring	4	
10	EAIS20766774	20766774	Synchro Pin	4	
11	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
9, 10	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
6, 7, 9-11	EAIS21671426C	21671426	Synchro Kit	1	

I-Shift/mDRIVE™ AT2812C Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

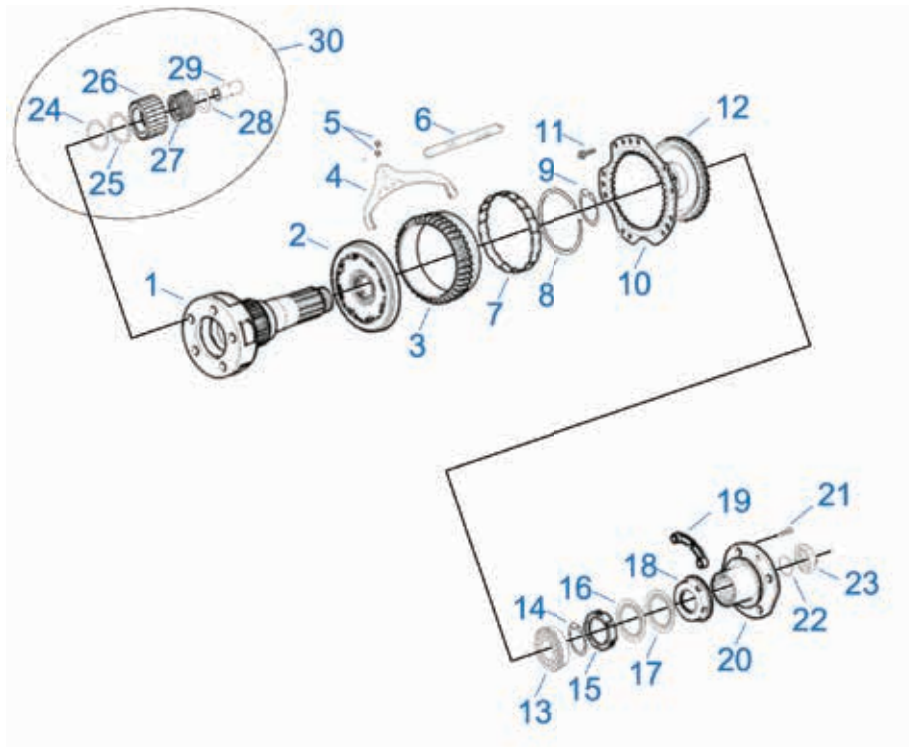
I-Shift/mDRIVE™ AT2812C Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS20542400	20542400	Sensor Wheel -30 T	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	

I-Shift/mDRIVE™ AT2812C Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16,17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ AT2812C Planetary Carrier

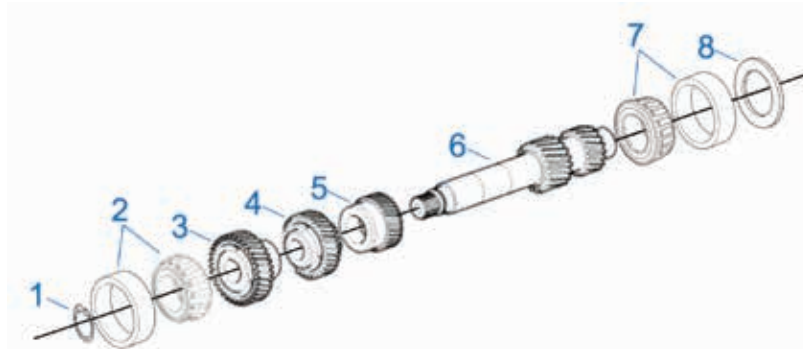


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	Type B
1		20590147	Planetary Complete Assembly	1	Type A - Without Retarder
1		20590148	Planetary Complete Assembly	1	Type A - Without Retarder
1		20733119	Planetary Complete Assembly	1	Type A - With Retarder
1		20733118	Planetary Complete Assembly	1	Type A - With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21430239	21430239	Synchro Ring	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21108695	21108695	Synchro Cone	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS20585994	20585994	Retarder Gear -63 T	1	Type A - With Retarder
12	EAIS21010667	21010667	Retarder Gear	1	Type B - With Retarder
13	EAIS21170624	21170624	Bearing -70x140x26 mm	1	Type A
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	Type B
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	

I-Shift/mDRIVE™ AT2812C Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
15		3191944	Sensor Wheel	1	Type A
15	EAIS20774242	20774242	Sensor Wheel	1	Type B
16	EAIS1652776	1652776	Oil Seal	1	Type A
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	Type B
17	EAIS1652622	1652622	Oil Seal -90x11x8 mm	1	Type A
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	Type B
18		1521751	Sensor Wheel	1	Type A
18	EAIS20784855	20784855	Sensor Wheel	1	Type B
19		21359225	Plate	2	
20	EAIS8172618	8172618	Flange -w/o Retarder	1	Type A - Without Retarder
20	EAIS8172620	8172620	Flange -w/o Retarder	1	Type A - Without Retarder
20		20498990	Flange	1	Type A - With Retarder
20	EAIS22238212	22238212	Flange	1	Type B
21		969818	Screw	2	
22	EAIS976053	976053	O-Ring	1	Type A
22	EAIS976055	976055	O-Ring	1	Type B
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30		22761641	Side Pinion Kit	1	With 4 Side Pinions
30	EAIS22761701	22761701	Side Pinion Kit	1	With 5 Side Pinions
1, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Type B - With Retarder
1, 30		21050684	Planetary Carrier Kit	1	Type B - With Retarder
1, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Type B - Without Retarder
1, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Type B - Without Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retar der

I-Shift/mDRIVE™ AT2812C Counter Shaft

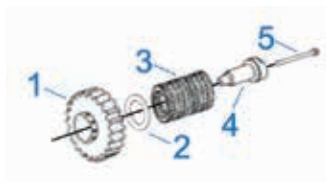


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
2	EAIS21626061	n/a	Bearing -60x110x29.75 mm	1	
3	EAIS20483432	20483432	Gear -35 T	1	
3	EAIS20854437	n/a	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	n/a	Countershaft	1	
6	EAIS20544787	20544787	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	

I-Shift/mDRIVE™ AT2812C Counter Shaft

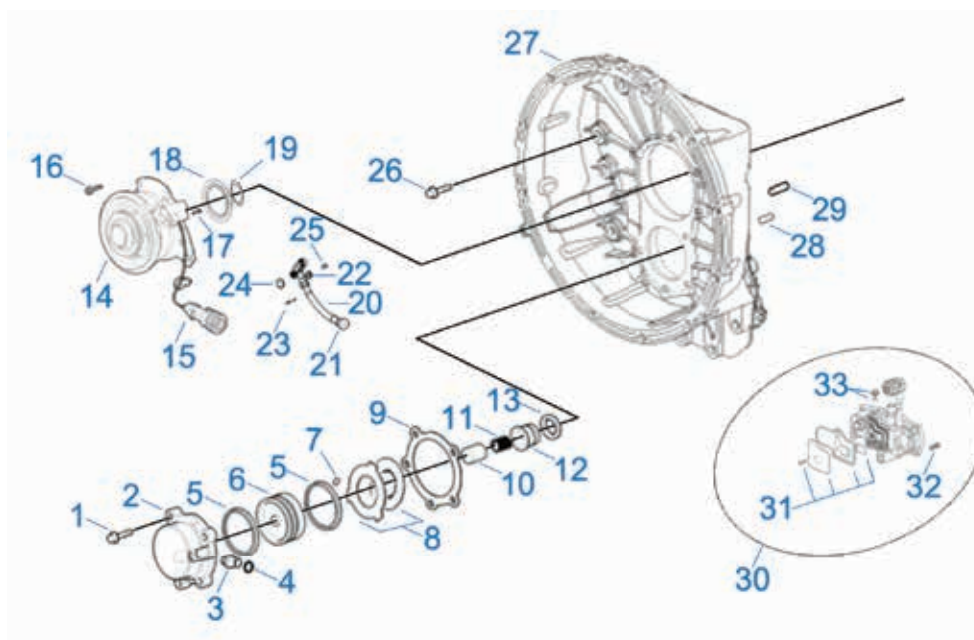
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ AT2812C Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust Washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ AT2812C Front Housing

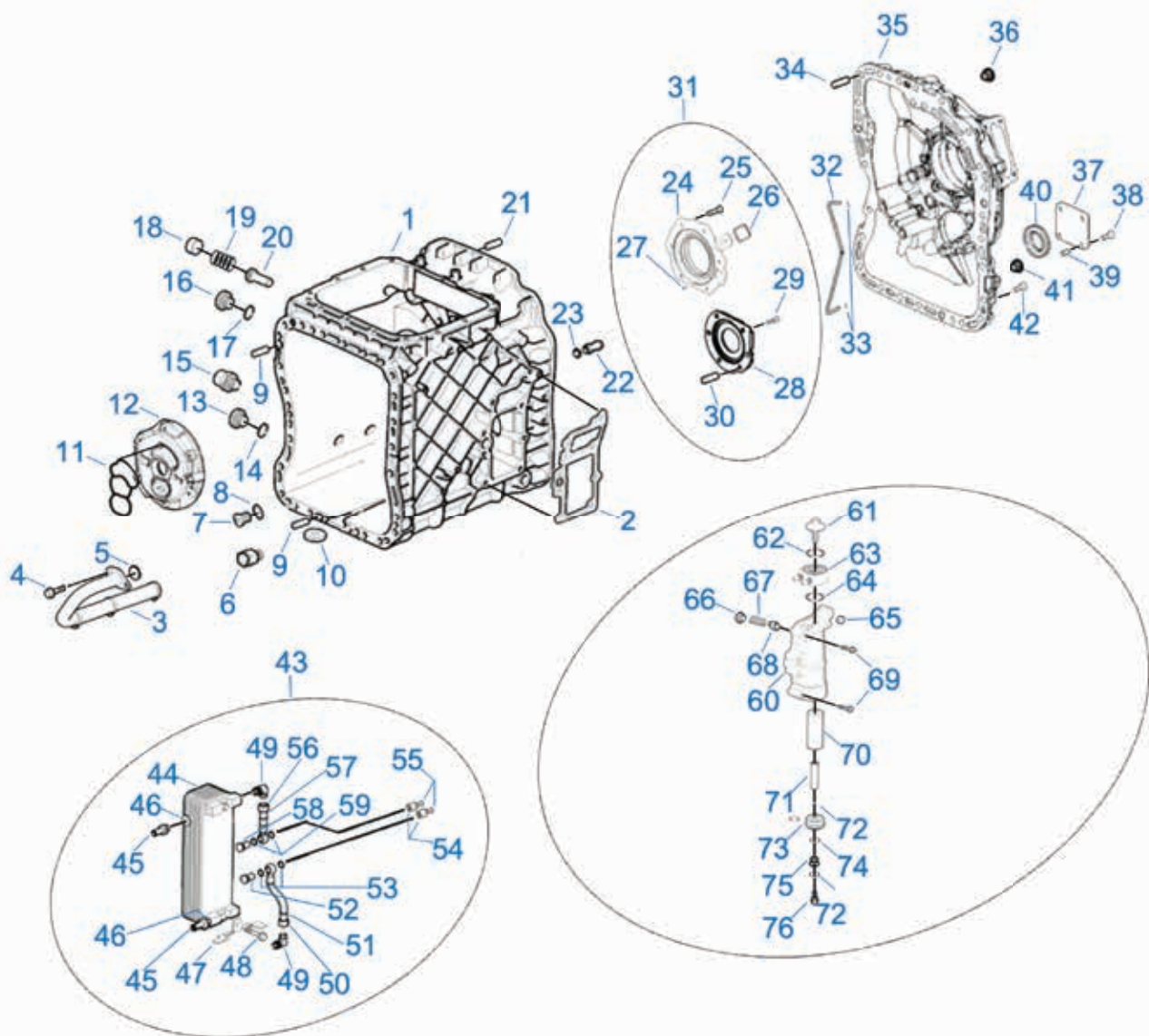


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	21934651	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ AT2812C Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679940	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22327063	22327063	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ AT2812C Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		22684067	Central Gearbox Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	
4		994271	Screw	2	
5	EAIS949657	949657	O-Ring	1	
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	

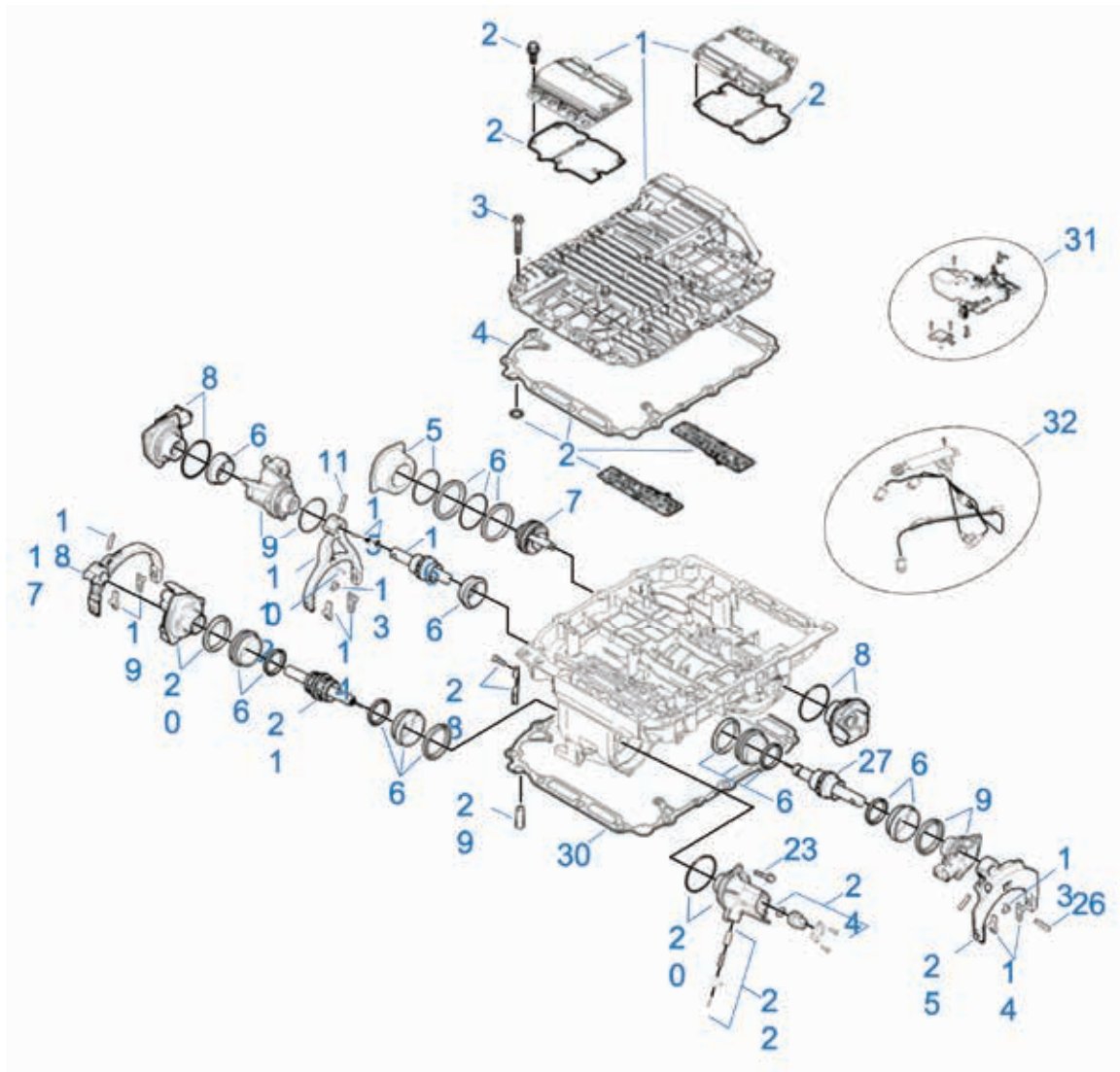
I-Shift/mDRIVE™ AT2812C Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring	2	
24			Gearbox Housing Cover	1	Type G - New Type
24		21664147	Gearbox Housing Cover	1	Type G - New Type
24		20547687	Gearbox Housing Cover	1	Type G - Old Type
24			Gearbox Housing Cover	1	Type G - Old Type
24	EAIS21629020	21629020	Gearbox Housing Cover	1	Type H - New Type
24	EAIS21636544		Gearbox Housing Cover	1	Type H - New Type
24		21336493	Gearbox Housing Cover	1	Type H - Old Type
24			Gearbox Housing Cover	1	Type H - Old Type
25		21650454	Screw	6	New Type
25		1669253	Screw	6	Old Type
26		21565745	Filter	1	Type H - New Type
27		951951	Dowel Pin	1	New Type
28	EAIS22323440	22323440	Gearbox Housing Cover	1	New Type
28		20778541	Gearbox Housing Cover	1	Old Type
29		21650454	Screw	6	New Type
29		1669253	Screw	5	Old Type
30		20985060	Dowel Pin	1	New Type
31		21550882	Gearbox Housing Cover Kit	1	Type H - New Type
31			Gearbox Housing Cover Kit	1	Type H - New Type
32		20571825	Oil Tube	1	
33		976029	O-Ring	2	
34		21176267	Dowel Pin	3	
35		21392881	Rear Gearbox Housing	1	With Retarder
35		21556042	Rear Gearbox Housing	1	With Retarder
35		21556202	Rear Gearbox Housing	1	With Retarder
35		21392880	Rear Gearbox Housing	1	With Retarder
35		22550742	Rear Gearbox Housing	1	Without Retarder
35		20483508	Rear Gearbox Housing	1	Without Retarder
36		943582	Plug	1	
37		1669376	Gearbox Housing Cover	1	
38		994458	Screw	4	
39		948095	Dowel Pin	5	
40	EAIS949647	949647	O-Ring	1	
41		1521691	Plug	1	
42		20534543	Screw	24	
43		20810985	Complete Oil Cooler	1	
43		21359570	Complete Oil Cooler	1	
44		20810884	Oil Cooler	1	
45		966863	Union	2	
45		20938688	Union	2	
46		947624	Gasket	2	
46		11998	Gasket	2	
47		21805418	Bracket	1	

I-Shift/mDRIVE™ AT2812C Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
48		984761	Screw	2	
49		984672	Union	2	
50		984810	Nut	1	
51		21818298	Tube	1	
52		190714	Union	1	
53		947624	Gasket	2	
50-53		22429386	Tube	1	
54		20710706	Union	2	
55		11998	Gasket	2	
56		984810	Nut	1	
57		21818294	Tube	1	
58		190714	Union	1	
59		947624	Gasket	2	
56-59		22429384	Tube	1	
60		20700745	Boot	1	Type E
60		21426924	Boot	1	Type F
61		22343544	Screw	1	
62		967343	O-Ring	1	
63		21360064	Union	1	
63		21983348	Union	1	
64		20769993	O-Ring	1	
64		967343	O-Ring	1	
65		1521691	Plug	1	
66		20568482	Plug	1	
67		466653	Spring	1	
68		471085	Valve	1	
69		994388	Screw	8	
70	EAIS22051238	22051238	Oil Filter	1	
71		1069997	Tube	1	Type C
72		974584	O-Ring	1	
73		21723678	Cover	1	Type C
74		976974	O-Ring	1	Type C
75		20366641	Plug	1	Type C
76		22064603	Cover	1	Type D

I-Shift/mDRIVE™ AT2812C Control Actuator

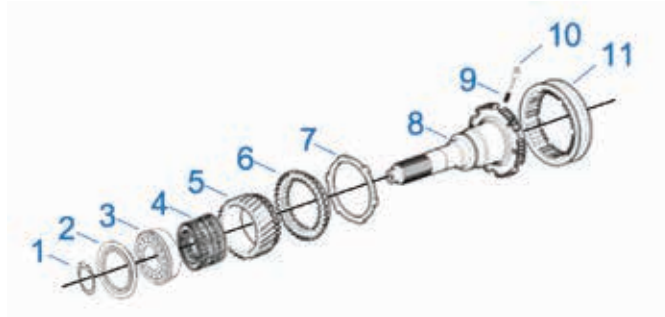


Item	Part Number	Industry Number	Description	Qty	Notes
		22780683	Control Actuator - Complete	1	With Retarder
		22780682	Control Actuator - Complete	1	Without Retarder
		22106416	Control Actuator - Kit	1	Type A
		22780686	Control Actuator - Kit	1	Type B
1		21484416	Upper Cover	1	With Retarder
1		21536238	Upper Cover	1	Without Retarder
2	EAIS20785252	20785252	Gasket Kit	1	
3		20534545	Screw	14	
4	EAIS20562270	20562270	Gasket	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS20562635	20562635	Covers Kit	1	
9	EAIS20562633	20562633	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	ø 12 mm

I-Shift/mDRIVE™ AT2812C Control Actuator

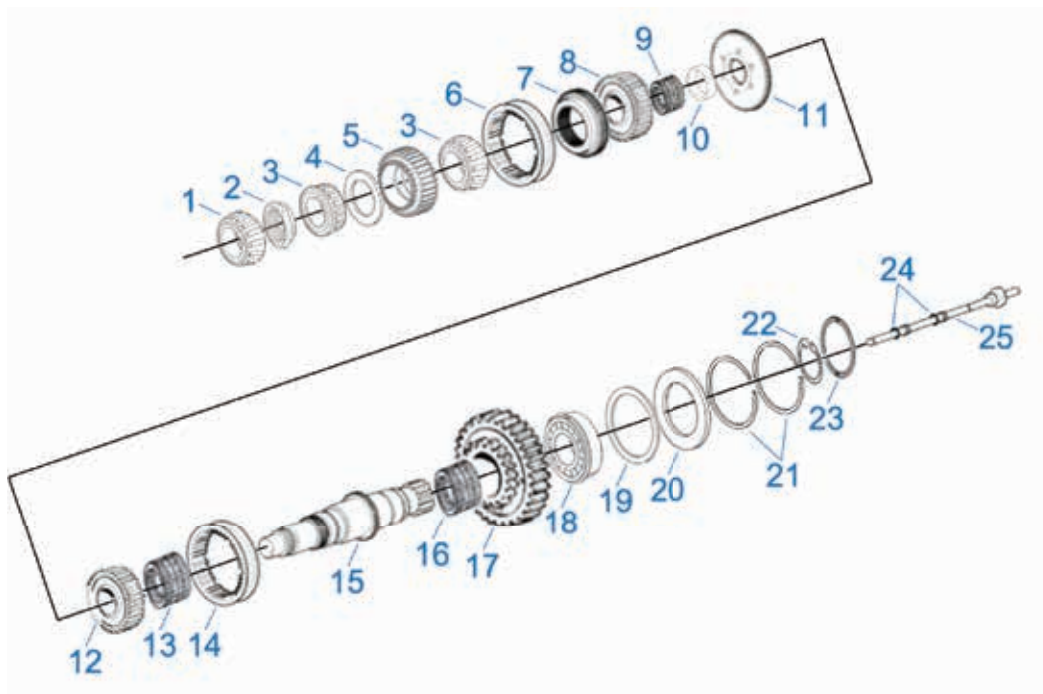
Item	Part Number	Industry Number	Description	Qty	Notes
13	EAIS20542598	20542598	Synchro Sliding Pad	2	ø 11 mm
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20	EAIS20562631	20562631	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25	EAIS21512541	21512541	Shift Fork	1	Type A
25		21678722	Shift Fork	1	Type B
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28	EAIS20845917	20845917	Stop Bracket	1	
29		3192982	Threaded Pin	2	
30	EAIS21244695	21244695	Gasket	1	New Type
30	EAIS8171137	8171137	Gasket	1	Old Type
31	EAIS21068286	21068286	Pressure Sensor Repair Kit	1	
32	EAIS22117441	22117441	Cable Harness Kit	1	
32	EAIS22176325	22176325	Cable Harness Kit	1	
11, 13, 14, 19, 26	EAIS20562628	20562628	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20542598
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ ATO2512C Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008411	21008411	Seal and Bearing Kit	1	Type A
	EAIS21008412	21008412	Seal and Bearing Kit	1	Type B
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626063	21626063	Bearing -85x150x30.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776790	20776790	Gear -40 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
8	EAIS20771702	20771702	Input Shaft -358.50 mm	1	
9	EAIS20845477	20845477	Synchro Spring	4	
10	EAIS20766774	20766774	Synchro Pin	4	
11	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
9, 10	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
6, 7, 9-11	EAIS21671426C	21671426	Synchro Kit	1	

I-Shift/mDRIVE™ ATO2512C Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

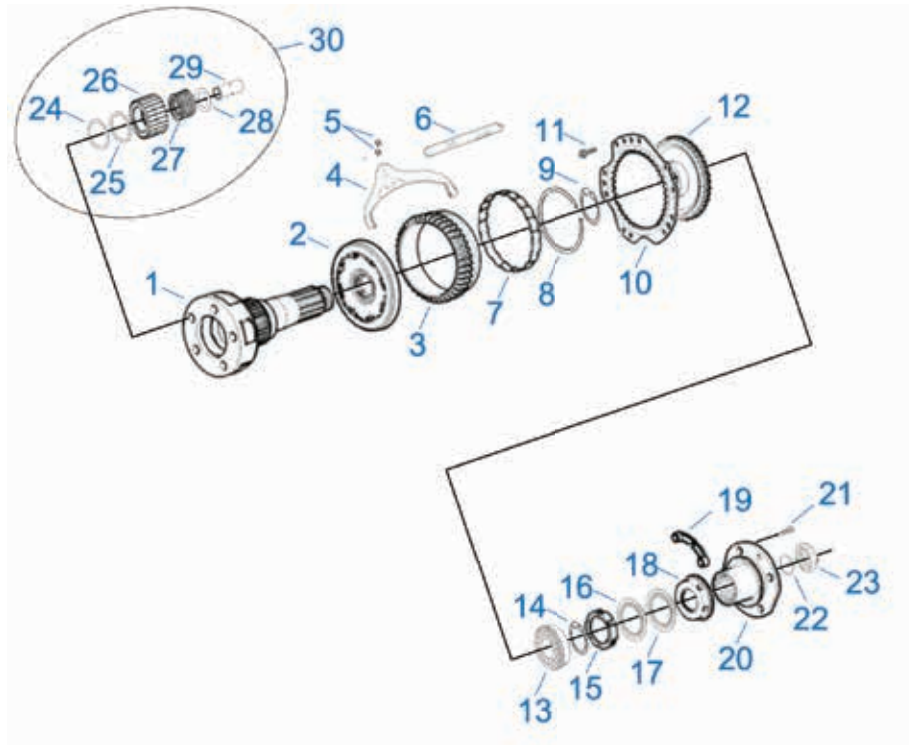
I-Shift/mDRIVE™ ATO2512C Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS20542400	20542400	Sensor Wheel -30 T	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20739229	20739229	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	

I-Shift/mDRIVE™ ATO2512C Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ ATO2512C Planetary Carrier

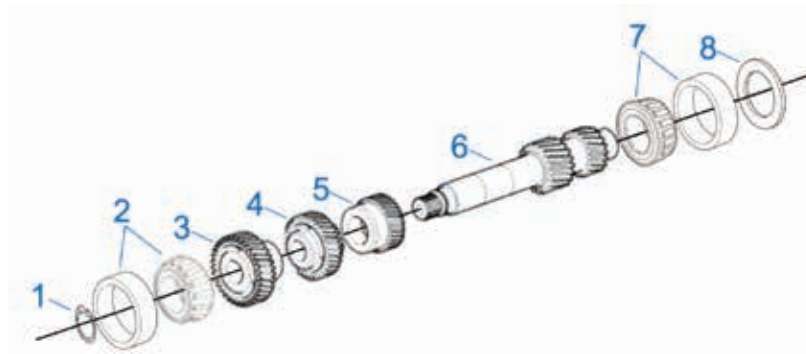


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	Type B
1		20590147	Planetary Complete Assembly	1	Type A - Without Retarder
1		20590148	Planetary Complete Assembly	1	Type A - Without Retarder
1		20733119	Planetary Complete Assembly	1	Type A - With Retarder
1		20733118	Planetary Complete Assembly	1	Type A - With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21430239	21430239	Synchro Ring	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21108695	21108695	Synchro Cone	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS20585994	20585994	Retarder Gear -63 T	1	Type A - With Retarder
12	EAIS21010667	21010667	Retarder Gear	1	Type B - With Retarder
13	EAIS21170624	21170624	Bearing -70x140x26 mm	1	Type A
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	Type B
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	

I-Shift/mDRIVE™ ATO2512C Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
15		3191944	Sensor Wheel	1	Type A
15	EAIS20774242	20774242	Sensor Wheel	1	Type B
16	EAIS1652776	1652776	Oil Seal	1	Type A
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	Type B
17	EAIS1652622	1652622	Oil Seal -90x11x8 mm	1	Type A
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	Type B
18		1521751	Sensor Wheel	1	Type A
18	EAIS20784855	20784855	Sensor Wheel	1	Type B
19		21359225	Plate	2	
20	EAIS8172618	8172618	Flange -w/o Retarder	1	Type A - Without Retarder
20	EAIS8172620	8172620	Flange -w/o Retarder	1	Type A - Without Retarder
20		20498990	Flange	1	Type A - With Retarder
20	EAIS22238212	22238212	Flange	1	Type B
21		969818	Screw	2	
22	EAIS976053	976053	O-Ring	1	Type A
22	EAIS976055	976055	O-Ring	1	Type B
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30		22761641	Side Pinion Kit	1	With 4 Side Pinions
30	EAIS22761701	22761701	Side Pinion Kit	1	With 5 Side Pinions
1, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Type B - With Retarder
1, 30		21050684	Planetary Carrier Kit	1	Type B - With Retarder
1, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Type B - Without Retarder
1, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Type B - Without Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring K it	1	Without Retarder

I-Shift/mDRIVE™ ATO2512C Counter Shaft

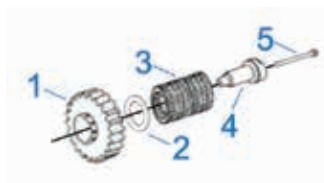


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	n/a	Bearing -60x110x38 mm	1	
2	EAIS21626061	21626061	Bearing -60x110x29.75 mm	1	
3	EAIS20483432	20483432	Gear -35 T	1	
3	EAIS20854437	n/a	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	n/a	Countershaft	1	
6	EAIS20544787	20544787	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	

I-Shift/mDRIVE™ ATO2512C Counter Shaft

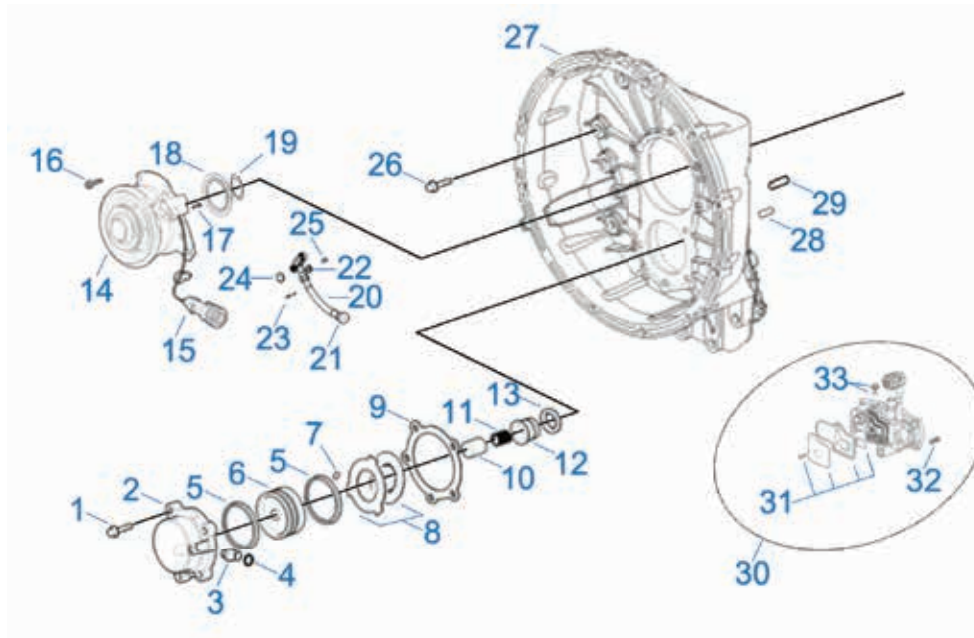
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ ATO2512C Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust Washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ ATO2512C Front Housing

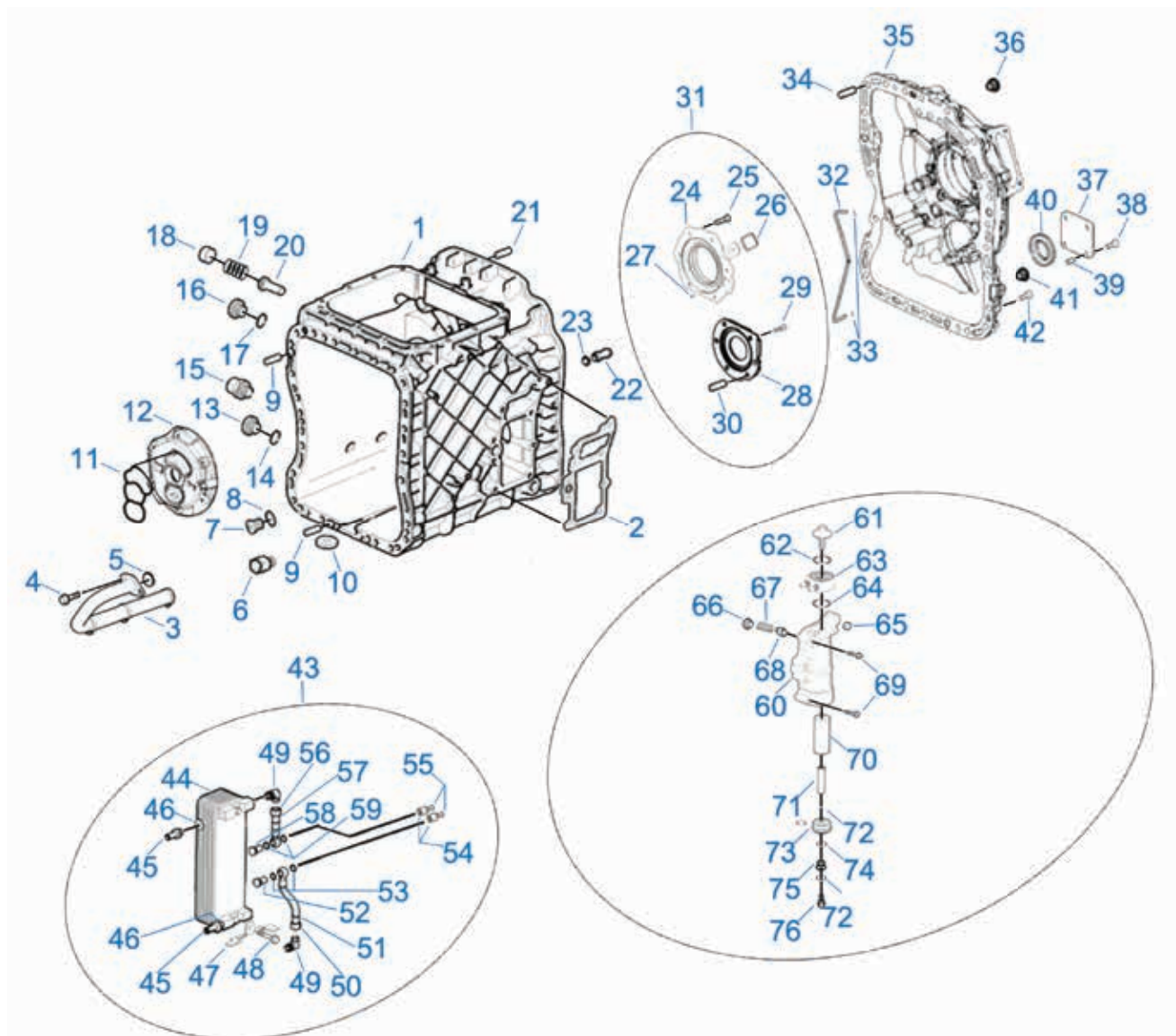


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	22429963	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ ATO2512C Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679939	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22327063	22327063	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ ATO2512C Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		22684067	Central Gearbox Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	
4		994271	Screw	2	
5	EAIS949657	949657	O-Ring	1	
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	

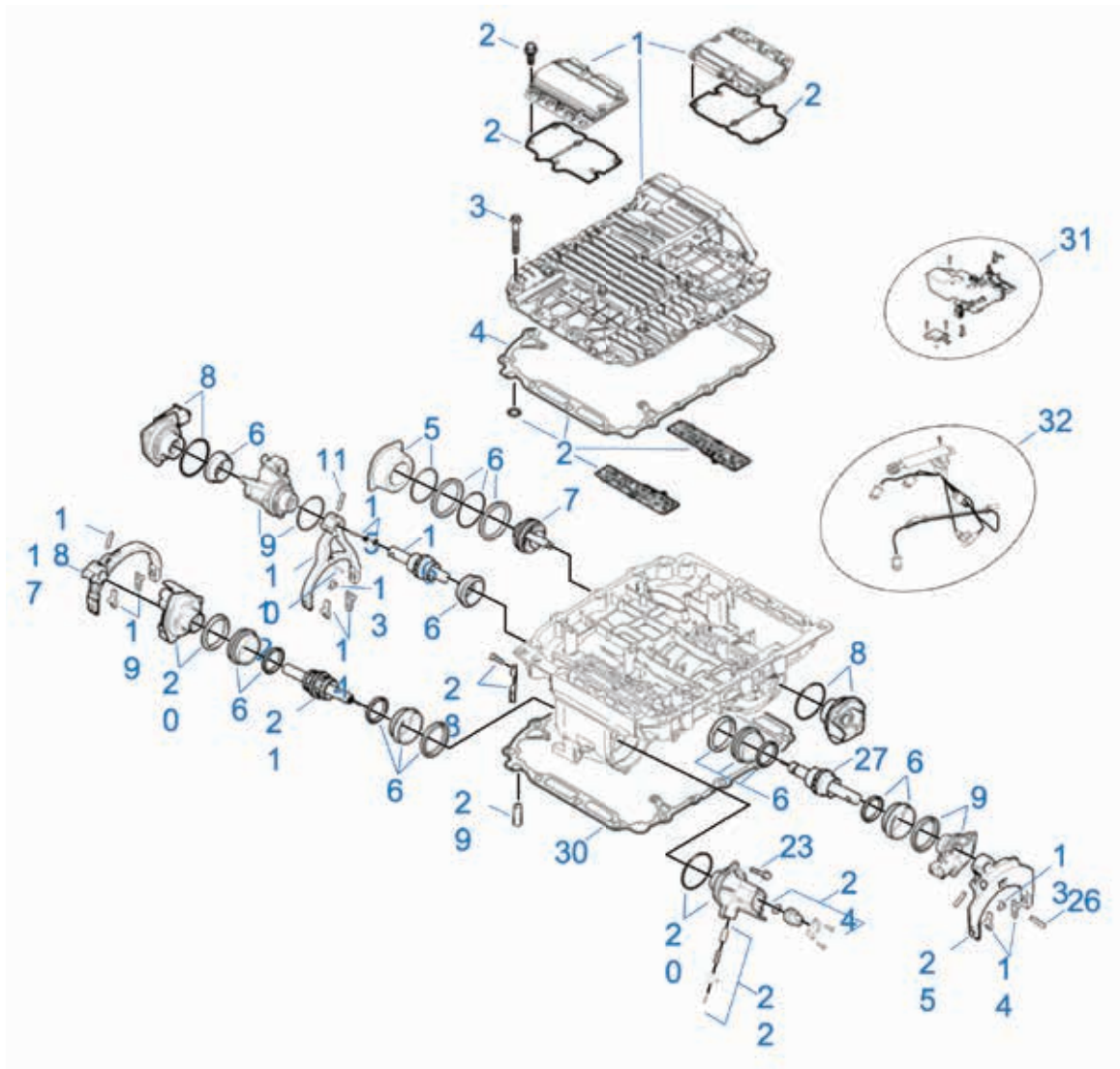
I-Shift/mDRIVE™ ATO2512C Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring	2	
24		21664150	Gearbox Housing Cover	1	Type G - New Type
24			Gearbox Housing Cover	1	Type G - New Type
24			Gearbox Housing Cover	1	Type G - Old Type
24		20547683	Gearbox Housing Cover	1	Type G - Old Type
24	EAIS21629020		Gearbox Housing Cover	1	Type H - New Type
24	EAIS21636544	21636544	Gearbox Housing Cover	1	Type H - New Type
24			Gearbox Housing Cover	1	Type H - Old Type
24		21336495	Gearbox Housing Cover	1	Type H - Old Type
25		21650454	Screw	6	New Type
25		1669253	Screw	6	Old Type
26		21565745	Filter	1	Type H - New Type
27		951951	Dowel Pin	1	New Type
28	EAIS22323440	22323440	Gearbox Housing Cover	1	New Type
28		20778541	Gearbox Housing Cover	1	Old Type
29		21650454	Screw	6	New Type
29		1669253	Screw	5	Old Type
30		20985060	Dowel Pin	1	New Type
31			Gearbox Housing Cover Kit	1	Type H - New Type
31		21550885	Gearbox Housing Cover Kit	1	Type H - New Type
32		20571825	Oil Tube	1	
33		976029	O-Ring	2	
34		21176267	Dowel Pin	3	
35		21392881	Rear Gearbox Housing	1	With Retarder
35		21556042	Rear Gearbox Housing	1	With Retarder
35		21556202	Rear Gearbox Housing	1	With Retarder
35		21392880	Rear Gearbox Housing	1	With Retarder
35		22550742	Rear Gearbox Housing	1	Without Retarder
35		20483508	Rear Gearbox Housing	1	Without Retarder
36		943582	Plug	1	
37		1669376	Gearbox Housing Cover	1	
38		994458	Screw	4	
39		948095	Dowel Pin	5	
40	EAIS949647	949647	O-Ring	1	
41		1521691	Plug	1	
42		20534543	Screw	24	
43		20810985	Complete Oil Cooler	1	
43		21359570	Complete Oil Cooler	1	
44		20810884	Oil Cooler	1	
45		966863	Union	2	
45		20938688	Union	2	
46		947624	Gasket	2	
46		11998	Gasket	2	
47		21805418	Bracket	1	

I-Shift/mDRIVE™ ATO2512C Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
48		984761	Screw	2	
49		984672	Union	2	
50		984810	Nut	1	
51		21818298	Tube	1	
52		190714	Union	1	
53		947624	Gasket	2	
50-53		22429386	Tube	1	
54		20710706	Union	2	
55		11998	Gasket	2	
56		984810	Nut	1	
57		21818294	Tube	1	
58		190714	Union	1	
59		947624	Gasket	2	
56, 57, 58, 59		22429384	Tube	1	
60		20700745	Boot	1	Type E
60		21426924	Boot	1	Type F
61		22343544	Screw	1	
62		967343	O-Ring	1	
63		21360064	Union	1	
63		21983348	Union	1	
64		20769993	O-Ring	1	
64		967343	O-Ring	1	
65		1521691	Plug	1	
66		20568482	Plug	1	
67		466653	Spring	1	
68		471085	Valve	1	
69		994388	Screw	8	
70	EAIS22051238	22051238	Oil Filter	1	
71		1069997	Tube	1	Type C
72		974584	O-Ring	1	
73		21723678	Cover	1	Type C
74		976974	O-Ring	1	Type C
75		20366641	Plug	1	Type C
76		22064603	Cover	1	Type D

I-Shift/mDRIVE™ ATO2512C Control Actuator

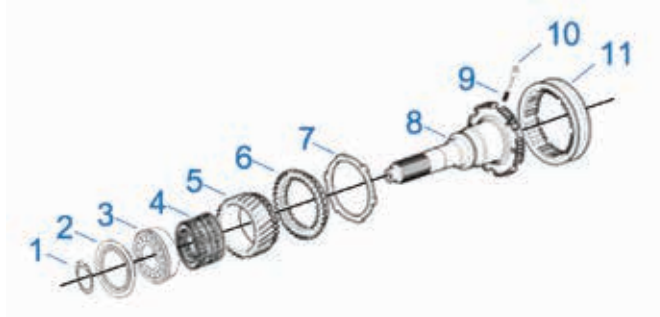


Item	Part Number	Industry Number	Description	Qty	Notes
		22780683	Control Actuator - Complete	1	With Retarder
		22780682	Control Actuator - Complete	1	Without Retarder
		22106416	Control Actuator - Kit	1	Type A
		22780686	Control Actuator - Kit	1	Type B
1		21484416	Upper Cover	1	With Retarder
1		21536238	Upper Cover	1	Without Retarder
2	EAIS20785252	20785252	Gasket Kit	1	
3		20534545	Screw	14	
4	EAIS20562270	20562270	Gasket	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS20562635	20562635	Covers Kit	1	
9	EAIS20562633	20562633	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	ø 12 mm

I-Shift/mDRIVE™ ATO2512C Control Actuator

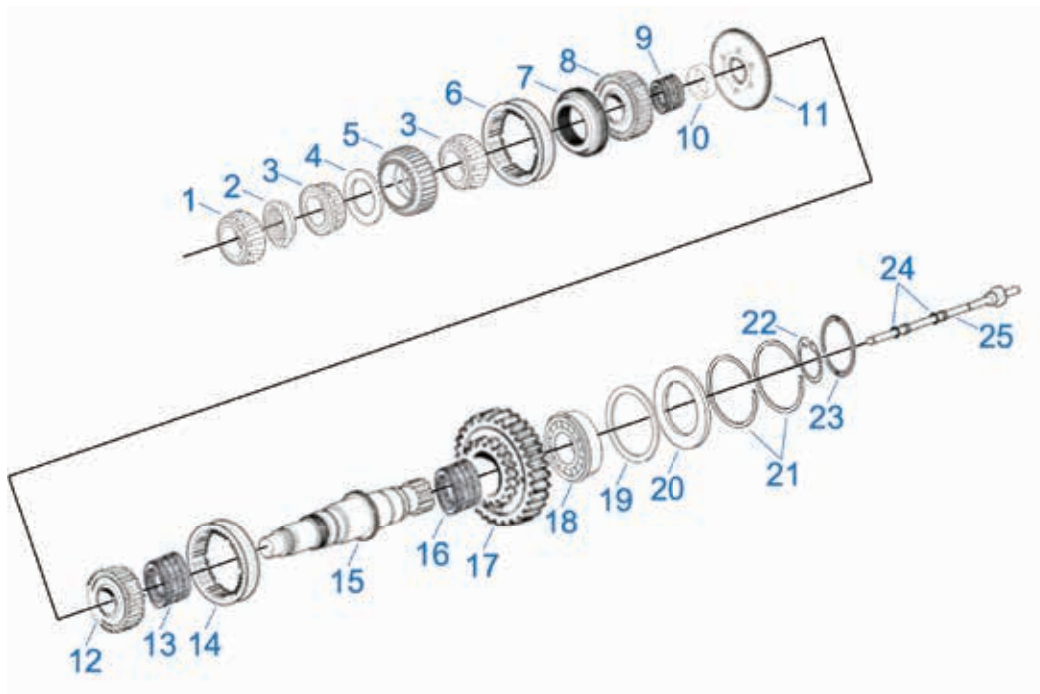
Item	Part Number	Industry Number	Description	Qty	Notes
13	EAIS20542598	20542598	Synchro Sliding Pad	2	ø 11 mm
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20	EAIS20562631	20562631	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25	EAIS21512541	21512541	Shift Fork	1	Type A
25		21678722	Shift Fork	1	Type B
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28	EAIS20845917	20845917	Stop Bracket	1	
29		3192982	Threaded Pin	2	
30	EAIS21244695	21244695	Gasket	1	New Type
30	EAIS8171137	8171137	Gasket	1	Old Type
31	EAIS21068286	21068286	Pressure Sensor Repair Kit	1	
32	EAIS22117441	22117441	Cable Harness Kit	1	
32	EAIS22176325	22176325	Cable Harness Kit	1	
11, 13, 14, 19, 26	EAIS20562628	20562628	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20542598
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ ATO3112C Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008411	21008411	Seal and Bearing Kit	1	Type A
	EAIS21008412	21008412	Seal and Bearing Kit	1	Type B
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	21626057	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776790	20776790	Gear -40 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
8	EAIS20771700	20771700	20771700	1	
8	EAIS21753181	21753181	21753181	1	
9	EAIS20845477	20845477	Synchro Spring	4	
10	EAIS20766774	20766774	Synchro Pin	4	
11	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
9, 10	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
6, 7, 9, 10, 11	EAIS21671426C	21671426	Synchro Kit	1	

I-Shift/mDRIVE™ ATO3112C Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

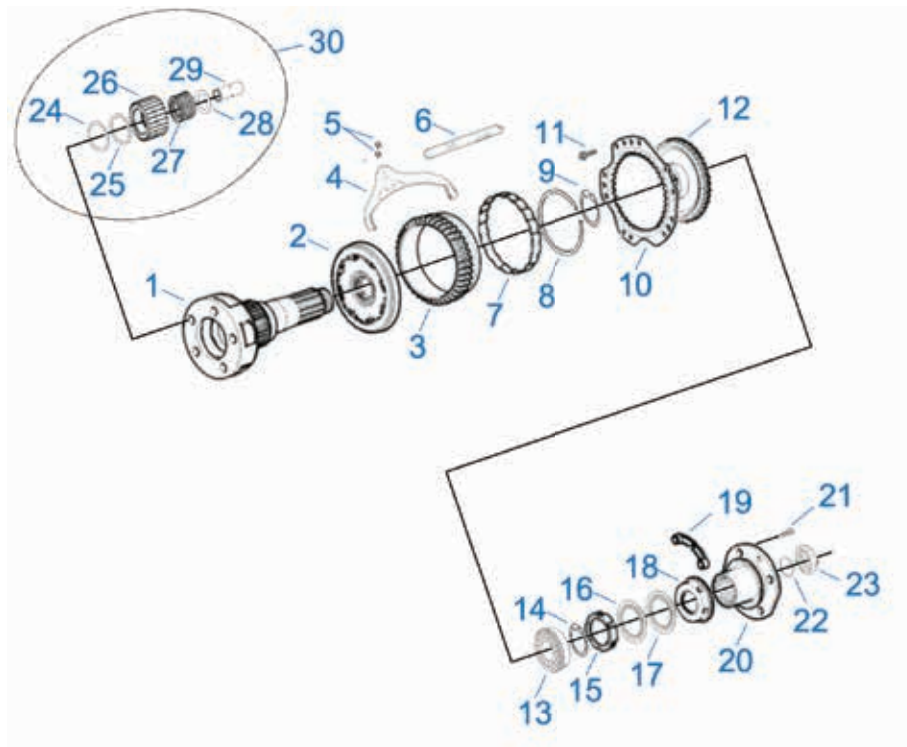
I-Shift/mDRIVE™ ATO3112C Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS20542400	20542400	Sensor Wheel -30 T	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	

I-Shift/mDRIVE™ ATO3112C Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ ATO3112C Planetary Carrier

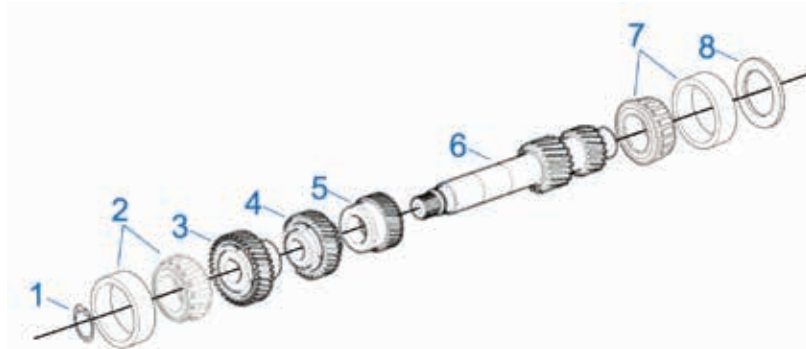


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	Type B
1		20590147	Planetary Complete Assembly	1	Type A - Without Retarder
1		20590148	Planetary Complete Assembly	1	Type A - Without Retarder
1		20733119	Planetary Complete Assembly	1	Type A - With Retarder
1		20733118	Planetary Complete Assembly	1	Type A - With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21430239	21430239	Synchro Ring	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21108695	21108695	Synchro Cone	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS20585994	20585994	Retarder Gear -63 T	1	Type A - With Retarder
12	EAIS21010667	21010667	Retarder Gear	1	Type B - With Retarder
13	EAIS21170624	21170624	Bearing -70x140x26 mm	1	Type A
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	Type B
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	

I-Shift/mDRIVE™ ATO3112C Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
15		3191944	Sensor Wheel	1	Type A
15	EAIS20774242	20774242	Sensor Wheel	1	Type B
16	EAIS1652776	1652776	Oil Seal	1	Type A
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	Type B
17	EAIS1652622	1652622	Oil Seal -90x11x8 mm	1	Type A
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	Type B
18		1521751	Sensor Wheel	1	Type A
18	EAIS20784855	20784855	Sensor Wheel	1	Type B
19		21359225	Plate	2	
20	EAIS8172618	8172618	Flange -w/o Retarder	1	Type A - Without Retarder
20	EAIS8172620	8172620	Flange -w/o Retarder	1	Type A - Without Retarder
20		20498990	Flange	1	Type A - With Retarder
20	EAIS22238212	22238212	Flange	1	Type B
21		969818	Screw	2	
22	EAIS976053	976053	O-Ring	1	Type A
22	EAIS976055	976055	O-Ring	1	Type B
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30		22761641	Side Pinion Kit	1	With 4 Side Pinions
30	EAIS22761701	22761701	Side Pinion Kit	1	With 5 Side Pinions
1, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Type B - With Retarder
1, 30		21050684	Planetary Carrier Kit	1	Type B - With Retarder
1, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Type B - Without Retarder
1, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Type B - Without Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ ATO3112C Counter Shaft

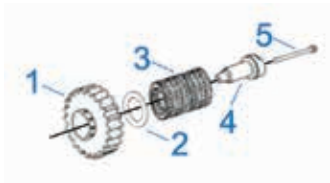


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
2	EAIS21626061	n/a	Bearing -60x110x29.75 mm	1	
3	EAIS20483432	20483432	Gear -35 T	1	
3	EAIS20854437	n/a	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	20544785	Countershaft	1	
6	EAIS20544787	n/a	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	

I-Shift/mDRIVE™ ATO3112C Counter Shaft

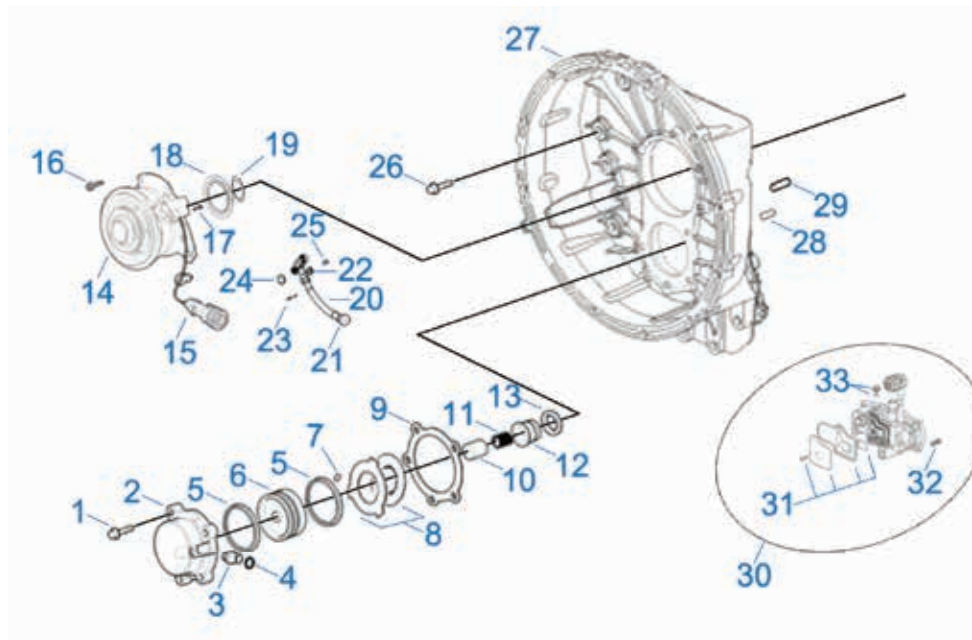
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ ATO3112C Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust Washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ ATO3112C Front Housing

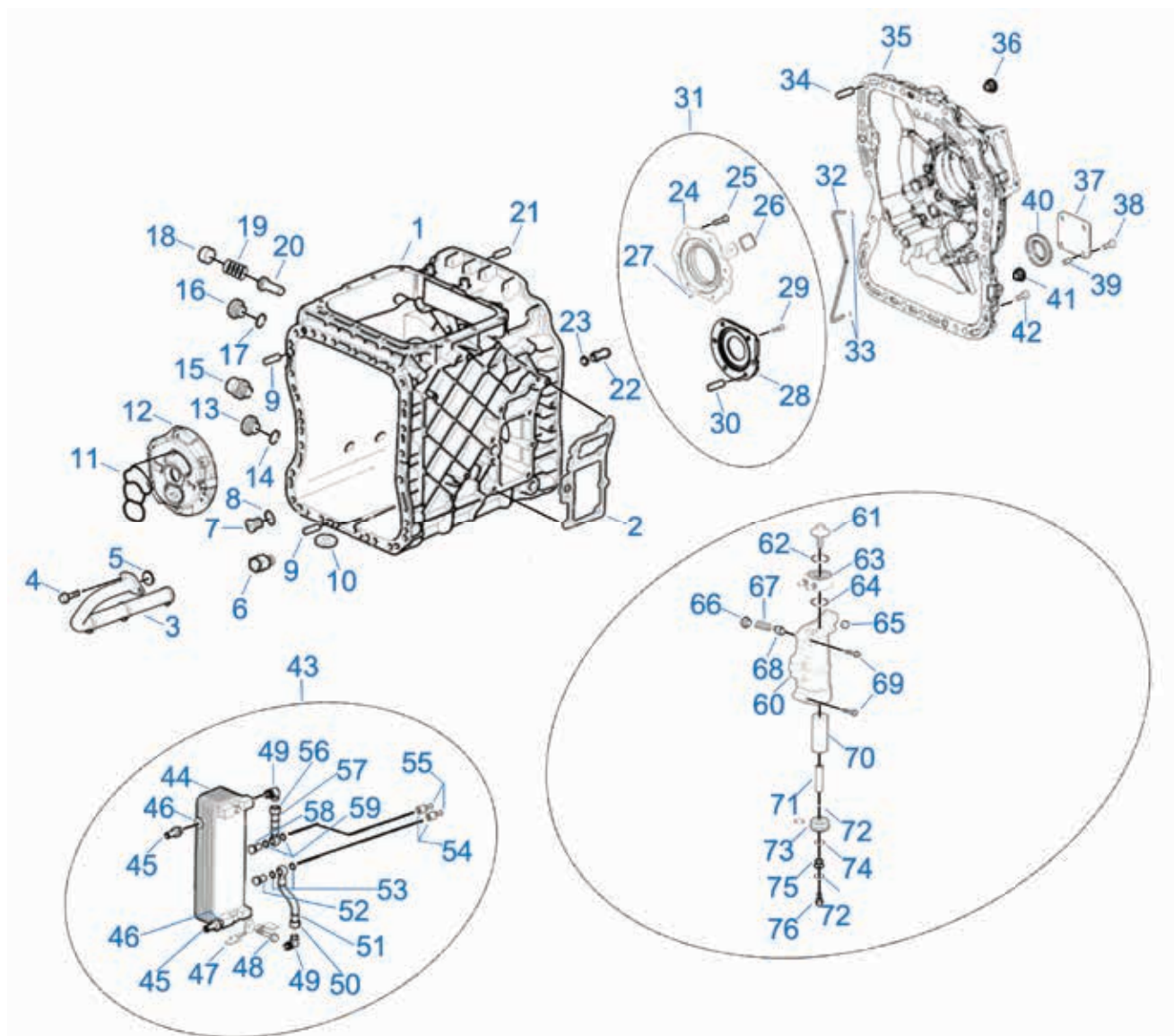


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	21934651	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ ATO3112C Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679940	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22327063	22327063	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ ATO3112C Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		22684067	Central Gearbox Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	
4		994271	Screw	2	
5	EAIS949657	949657	O-Ring	1	
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	

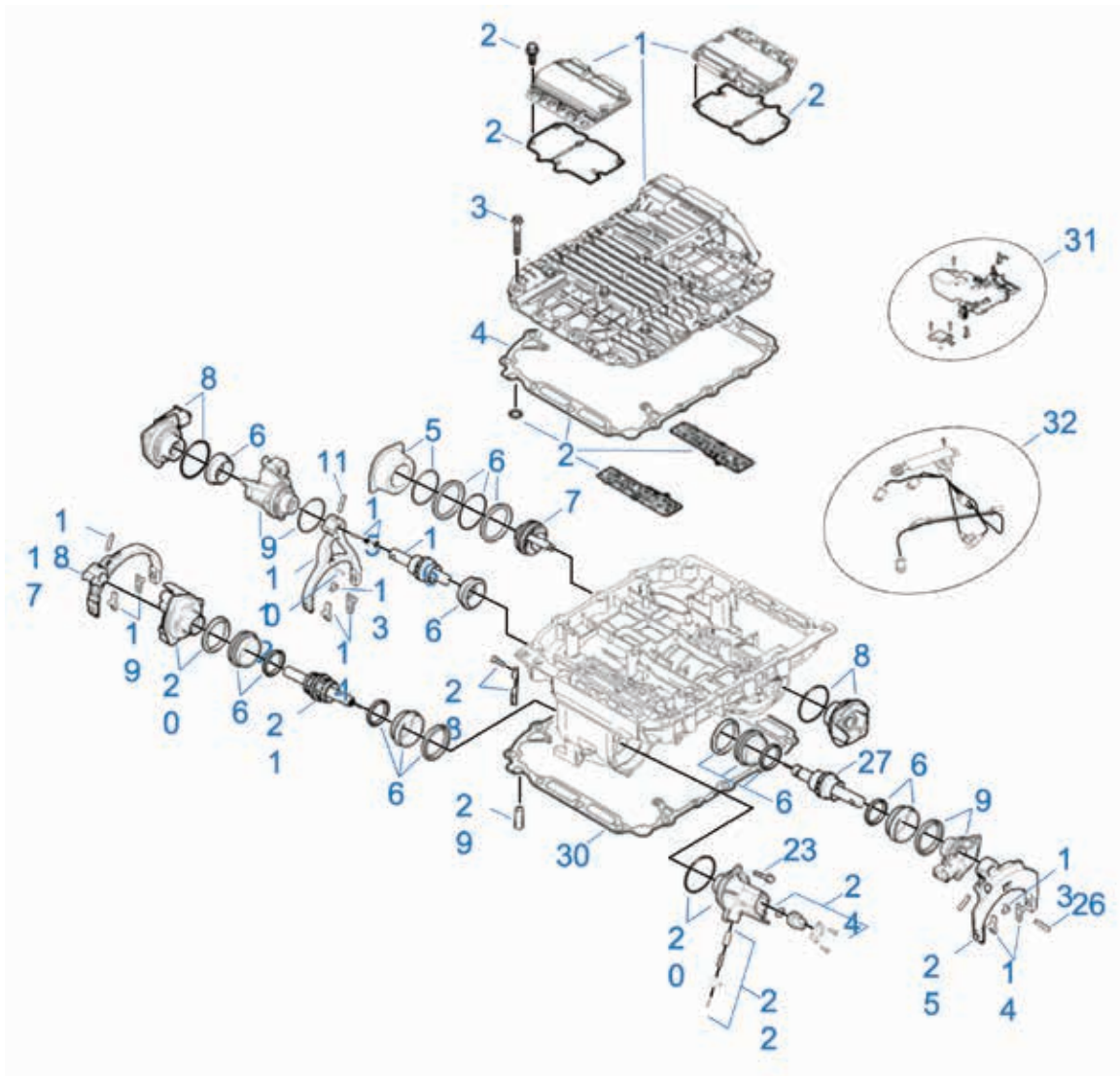
I-Shift/mDRIVE™ ATO3112C Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
18		968064	Plug	1	
19		20993901	Spring	1	
20		`	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring	2	
24		21664150	Gearbox Housing Cover	1	Type G - New Type
24			Gearbox Housing Cover	1	Type G - New Type
24			Gearbox Housing Cover	1	Type G - Old Type
24		20547683	Gearbox Housing Cover	1	Type G - Old Type
24	EAIS21629020		Gearbox Housing Cover	1	Type H - New Type
24	EAIS21636544	21636544	Gearbox Housing Cover	1	Type H - New Type
24			Gearbox Housing Cover	1	Type H - Old Type
24		21336495	Gearbox Housing Cover	1	Type H - Old Type
25		21650454	Screw	6	New Type
25		1669253	Screw	6	Old Type
26		21565745	Filter	1	Type H - New Type
27		951951	Dowel Pin	1	New Type
28	EAIS22323440	22323440	Gearbox Housing Cover	1	New Type
28		20778541	Gearbox Housing Cover	1	Old Type
29		21650454	Screw	6	New Type
29		1669253	Screw	5	Old Type
30		20985060	Dowel Pin	1	New Type
31			Gearbox Housing Cover Kit	1	Type H - New Type
31		21550885	Gearbox Housing Cover Kit	1	Type H - New Type
32		20571825	Oil Tube	1	
33		976029	O-Ring	2	
34		21176267	Dowel Pin	3	
35		21392881	Rear Gearbox Housing	1	With Retarder
35		21556042	Rear Gearbox Housing	1	With Retarder
35		21556202	Rear Gearbox Housing	1	With Retarder
35		21392880	Rear Gearbox Housing	1	With Retarder
35		22550742	Rear Gearbox Housing	1	Without Retarder
35		20483508	Rear Gearbox Housing	1	Without Retarder
36		943582	Plug	1	
37		1669376	Gearbox Housing Cover	1	
38		994458	Screw	4	
39		948095	Dowel Pin	5	
40	EAIS949647	949647	O-Ring	1	
41		1521691	Plug	1	
42		20534543	Screw	24	
43		20810985	Complete Oil Cooler	1	
43		21359570	Complete Oil Cooler	1	
44		20810884	Oil Cooler	1	
45		966863	Union	2	
45		20938688	Union	2	
46		947624	Gasket	2	
46		11998	Gasket	2	
47		21805418	Bracket	1	

I-Shift/mDRIVE™ ATO3112C Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
48		984761	Screw	2	
49		984672	Union	2	
50		984810	Nut	1	
51		21818298	Tube	1	
52		190714	Union	1	
53		947624	Gasket	2	
50-53		22429386	Tube	1	
54		20710706	Union	2	
55		11998	Gasket	2	
56		984810	Nut	1	
57		21818294	Tube	1	
58		190714	Union	1	
59		947624	Gasket	2	
56-59		22429384	Tube	1	
60		20700745	Boot	1	Type E
60		21426924	Boot	1	Type F
61		22343544	Screw	1	
62		967343	O-Ring	1	
63		21360064	Union	1	
63		21983348	Union	1	
64		20769993	O-Ring	1	
64		967343	O-Ring	1	
65		1521691	Plug	1	
66		20568482	Plug	1	
67		466653	Spring	1	
68		471085	Valve	1	
69		994388	Screw	8	
70	EAIS22051238	22051238	Oil Filter	1	
71		1069997	Tube	1	Type C
72		974584	O-Ring	1	
73		21723678	Cover	1	Type C
74		976974	O-Ring	1	Type C
75		20366641	Plug	1	Type C
76		22064603	Cover	1	Type D

I-Shift/mDRIVE™ ATO3112C Control Actuator

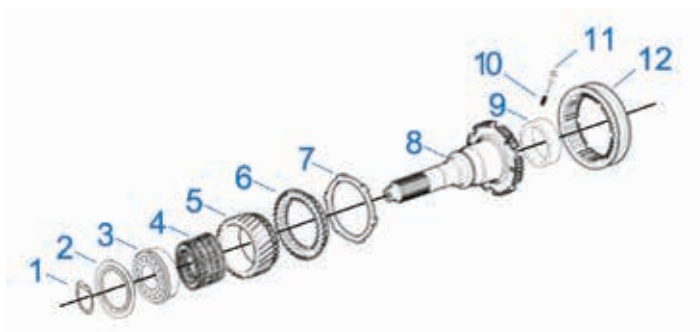


Item	Part Number	Industry Number	Description	Qty	Notes
		22780683	Control Actuator - Complete	1	With Retarder
		22780682	Control Actuator - Complete	1	Without Retarder
		22106416	Control Actuator - Kit	1	Type A
		22780686	Control Actuator - Kit	1	Type B
1		21484416	Upper Cover	1	With Retarder
1		21536238	Upper Cover	1	Without Retarder
2	EAIS20785252	20785252	Gasket Kit	1	
3		20534545	Screw	14	
4	EAIS20562270	20562270	Gasket	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS20562635	20562635	Covers Kit	1	
9	EAIS20562633	20562633	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	ø 12 mm
13	EAIS20542598	20542598	Synchro Sliding Pad	2	ø 11 mm

I-Shift/mDRIVE™ ATO3112C Control Actuator

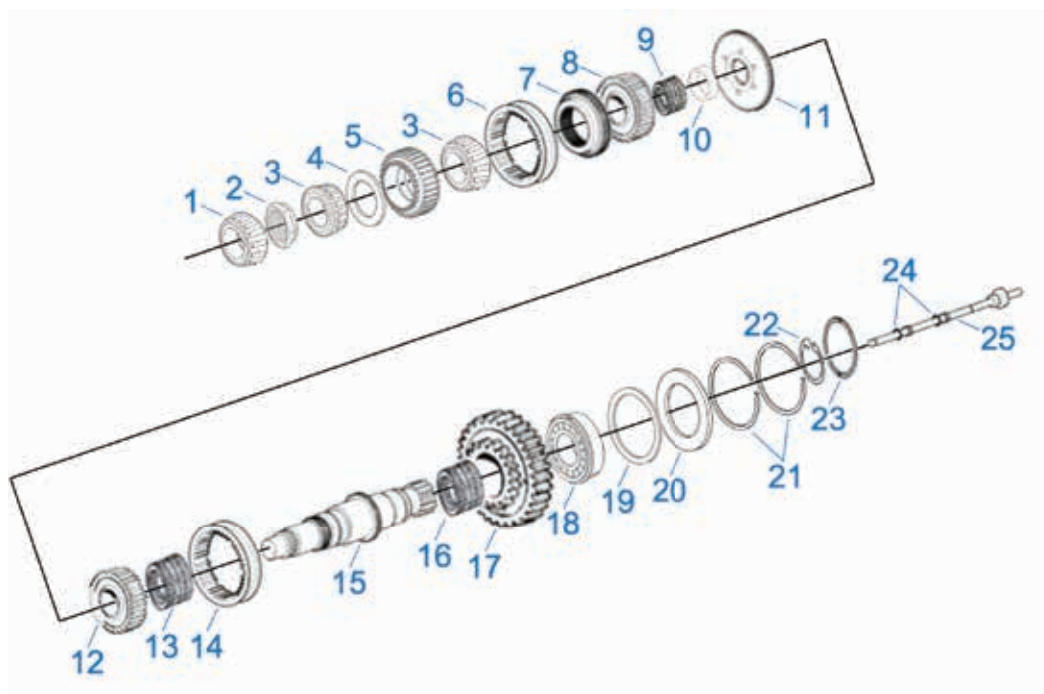
Item	Part Number	Industry Number	Description	Qty	Notes
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20	EAIS20562631	20562631	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25	EAIS21512541	21512541	Shift Fork	1	Type A
25		21678722	Shift Fork	1	Type B
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28	EAIS20845917	20845917	Stop Bracket	1	
29		3192982	Threaded Pin	2	
30	EAIS21244695	21244695	Gasket	1	New Type
30	EAIS8171137	8171137	Gasket	1	Old Type
31	EAIS21068286	21068286	Pressure Sensor Repair Kit	1	
32	EAIS22117441	22117441	Cable Harness Kit	1	
32	EAIS22176325	22176325	Cable Harness Kit	1	
11, 13, 14, 19, 26	EAIS20562628	20562628	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20542598
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ AT2412D Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626063	21626063	Bearing -85x150x30.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20854441	20854441	Gear -31 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
8	EAIS20771702	20771702	Input Shaft -358.50 mm	1	
9	EAIS20845477	20845477	Synchro Spring	4	
10	EAIS20766774	20766774	Synchro Pin	4	
11	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
9, 10	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
6, 7, 9, 10, 11	EAIS21671426C	21671426	Synchro Kit	1	

I-Shift/mDRIVE™ AT2412D Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	

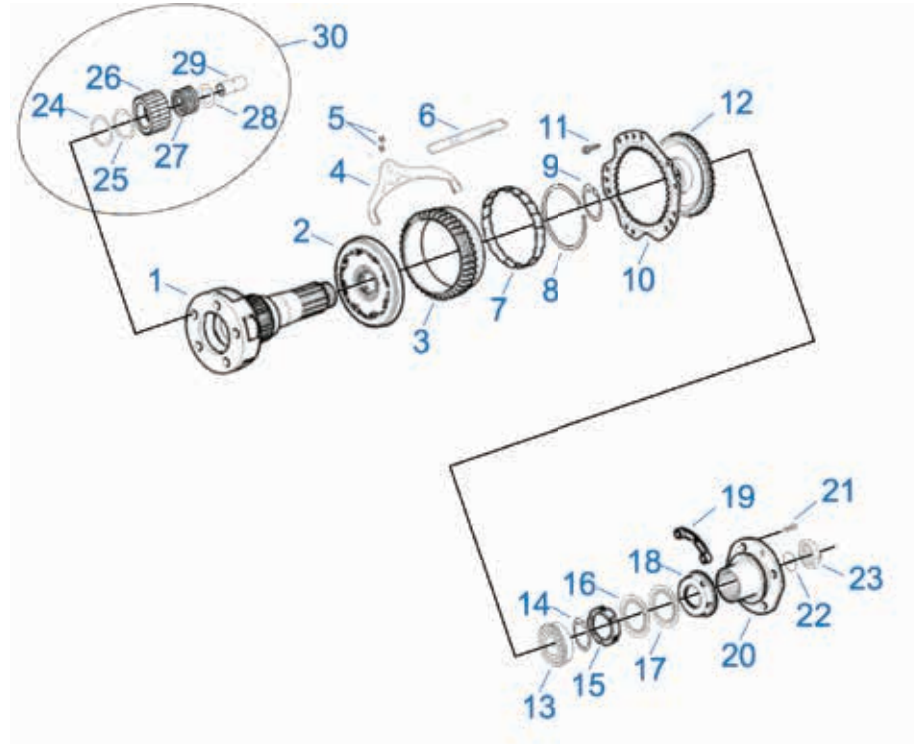
I-Shift/mDRIVE™ AT2412D Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521648	Spacer -9.99 mm	0	
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20739229	20739229	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	

I-Shift/mDRIVE™ AT2412D Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.50 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1, 3-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ AT2412D Planetary Carrier

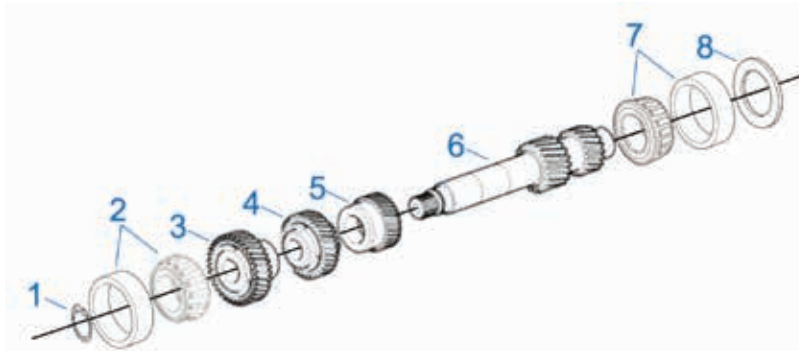


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ AT2412D Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ AT2412D Counter Shaft

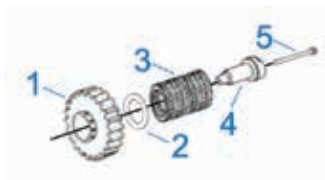


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21626061	21626061	Bearing -60x110x29.75 mm	1	
3	EAIS20854437	20854437	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544787	20544787	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ AT2412D Counter Shaft

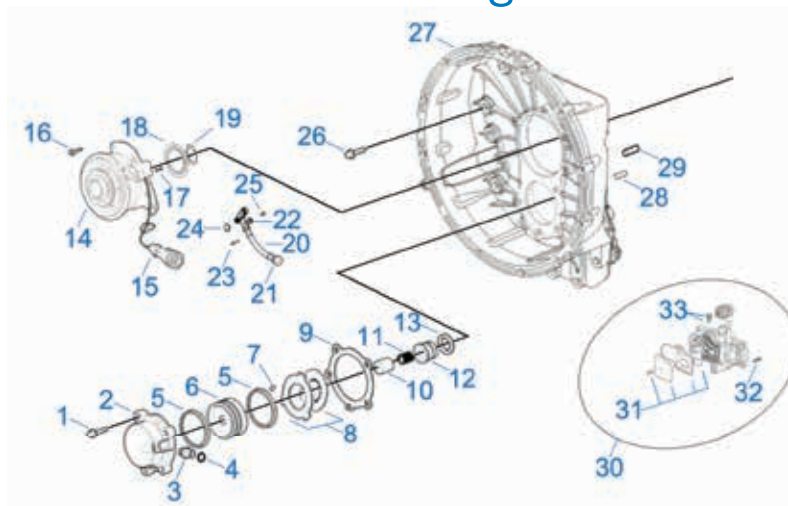
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ AT2412D Reverse Idler



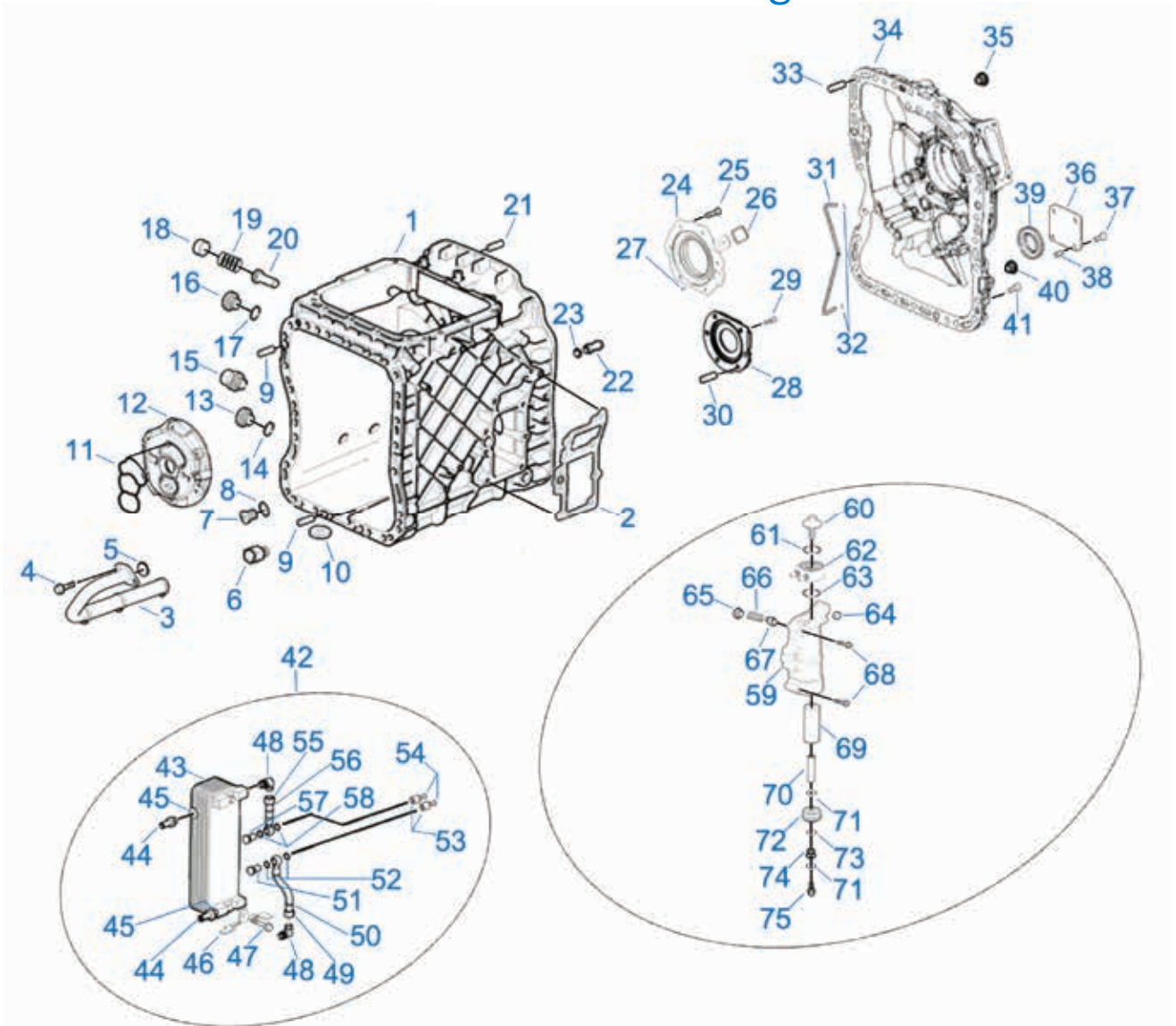
Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ AT2412D Front Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	22429963	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679939	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22327063	22327063	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ AT2412D Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
		21550882	Rear Housing Kit	1	
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	Type A
4		994271	Screw	2	Type A
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	Type A
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	

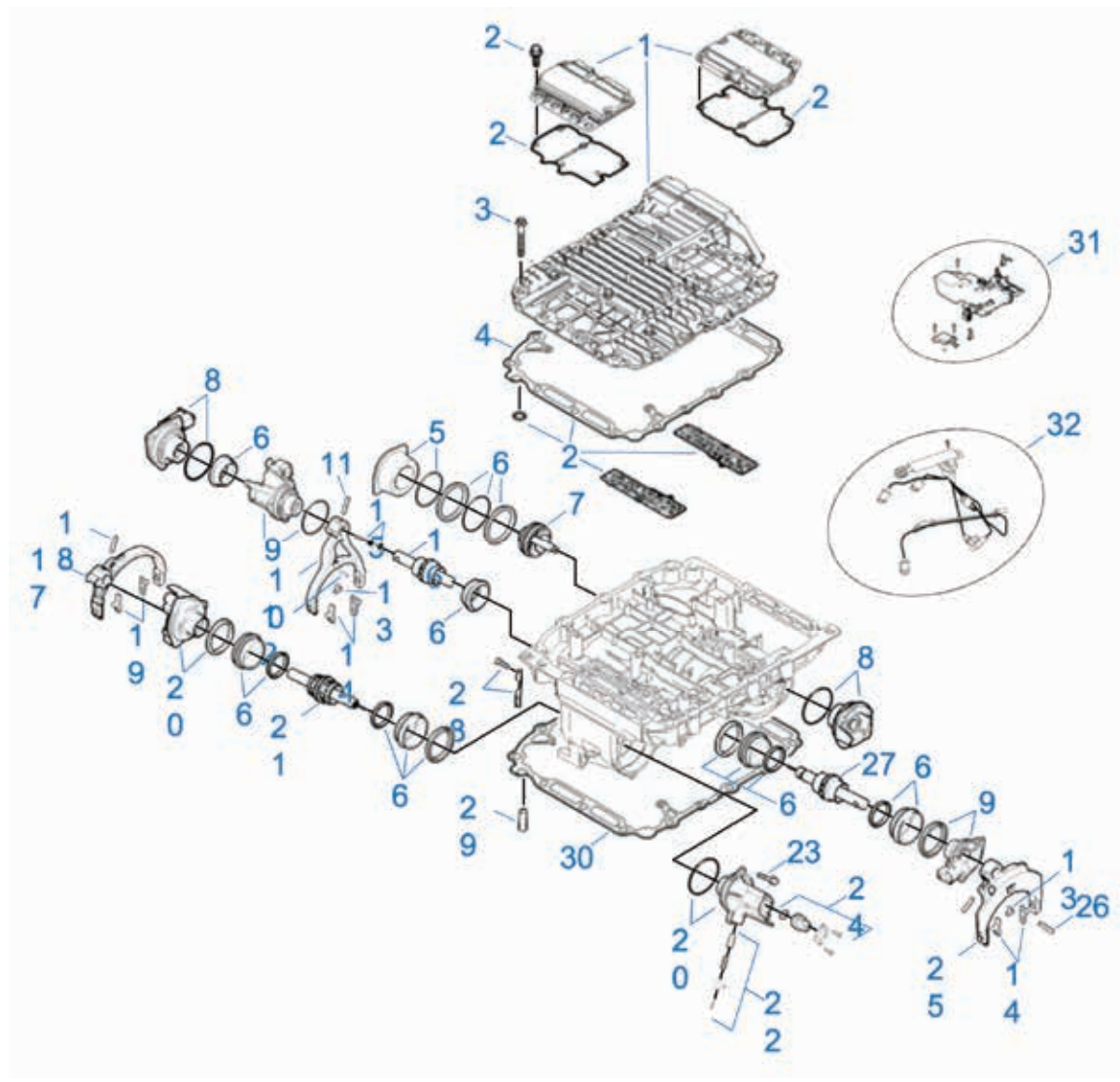
I-Shift/mDRIVE™ AT2412D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21629020	21629020	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
31		21376703	Oil Tube	1	
32		976029	O-Ring	2	
33		21176267	Dowel Pin	3	
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		21556042	Rear Housing	1	Single Power - With Retarder
34		21556202	Rear Housing	1	Double Power - With Retarder
34		21392880	Rear Housing	1	Single Power - With Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
49-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	

I-Shift/mDRIVE™ AT2412D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
57		190714	Union	1	
58		947624	Gasket	2	
55-58		22429384	Tube	1	
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ AT2412D Control Actuator

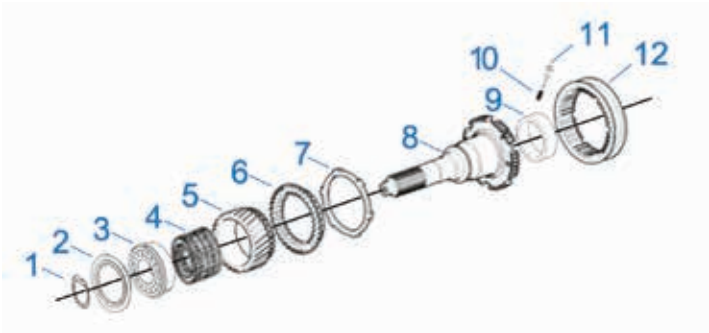


Item	Part Number	Industry Number	Description	Qty	Notes
		22780683	Control Actuator - Complete	1	With Retarder
		22780682	Control Actuator - Complete	1	Without Retarder
		22106416	Control Actuator - Kit	1	Type A
		22780686	Control Actuator - Kit	1	Type B
1		21484416	Upper Cover	1	With Retarder
1		21536238	Upper Cover	1	Without Retarder
2	EAIS20785252	20785252	Gasket Kit	1	
3		20534545	Screw	14	
4	EAIS20562270	20562270	Gasket	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS20562635	20562635	Covers Kit	1	
9	EAIS20562633	20562633	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	ø 12 mm
13	EAIS20542598	20542598	Synchro Sliding Pad	2	ø 11 mm

I-Shift/mDRIVE™ AT2412D Control Actuator

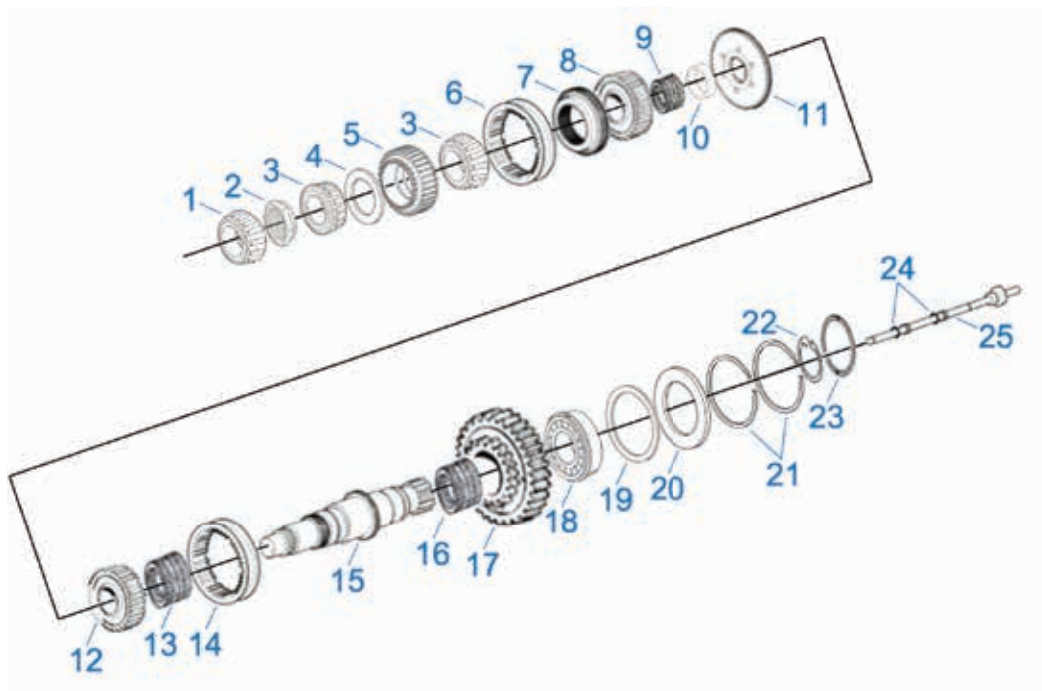
Item	Part Number	Industry Number	Description	Qty	Notes
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20	EAIS20562631	20562631	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25	EAIS21512541	21512541	Shift Fork	1	Type A
25		21678722	Shift Fork	1	Type B
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28	EAIS20845917	20845917	Stop Bracket	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	New Type
30	EAIS8171137	8171137	Gasket	1	Old Type
31	EAIS21068286	21068286	Pressure Sensor Repair Kit	1	
32	EAIS22117441	22117441	Cable Harness Kit	1	
32	EAIS22176325	22176325	Cable Harness Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730
11, 13, 14, 19, 26	EAIS20562628	20562628	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20542598
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730

I-Shift/mDRIVE™ AT2612D Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	

I-Shift/mDRIVE™ AT2612D Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

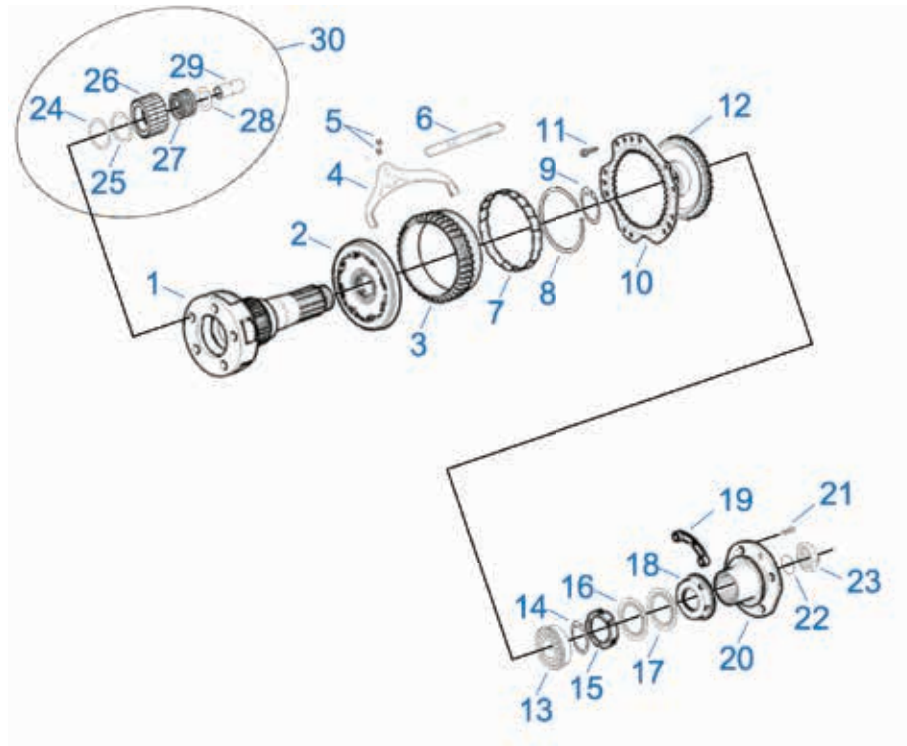
I-Shift/mDRIVE™ AT2612D Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	

I-Shift/mDRIVE™ AT2612D Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.50 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1, 3-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ AT2612D Planetary Carrier

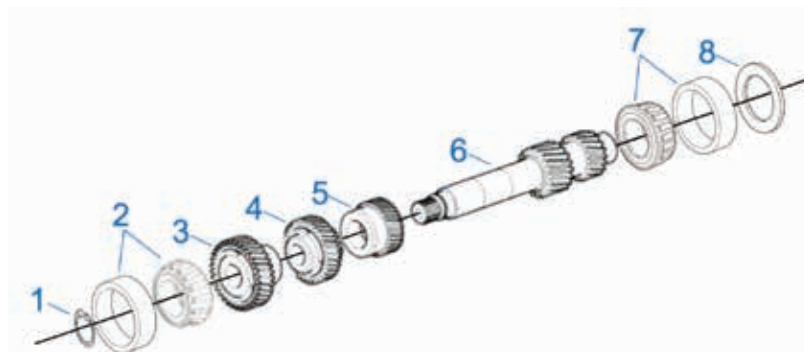


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ AT2612D Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 3, 7-11,23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ AT2612D Counter Shaft

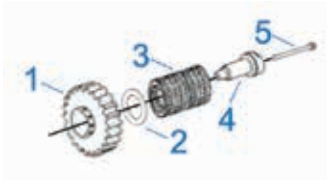


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
3	EAIS20854437	20854437	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	20544785	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ AT2612D Counter Shaft

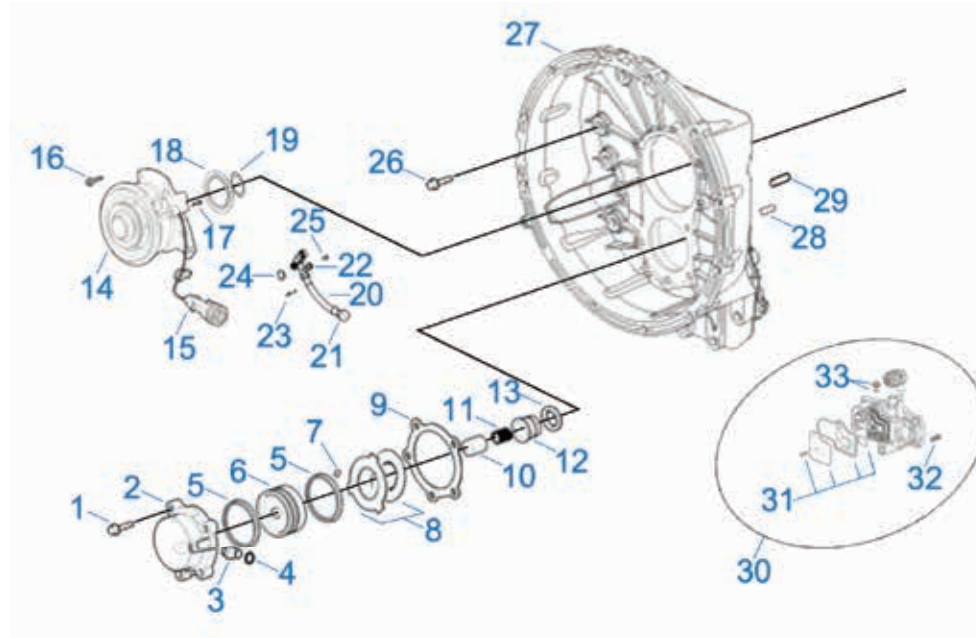
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ **AT2612D** Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ AT2612D Front Housing

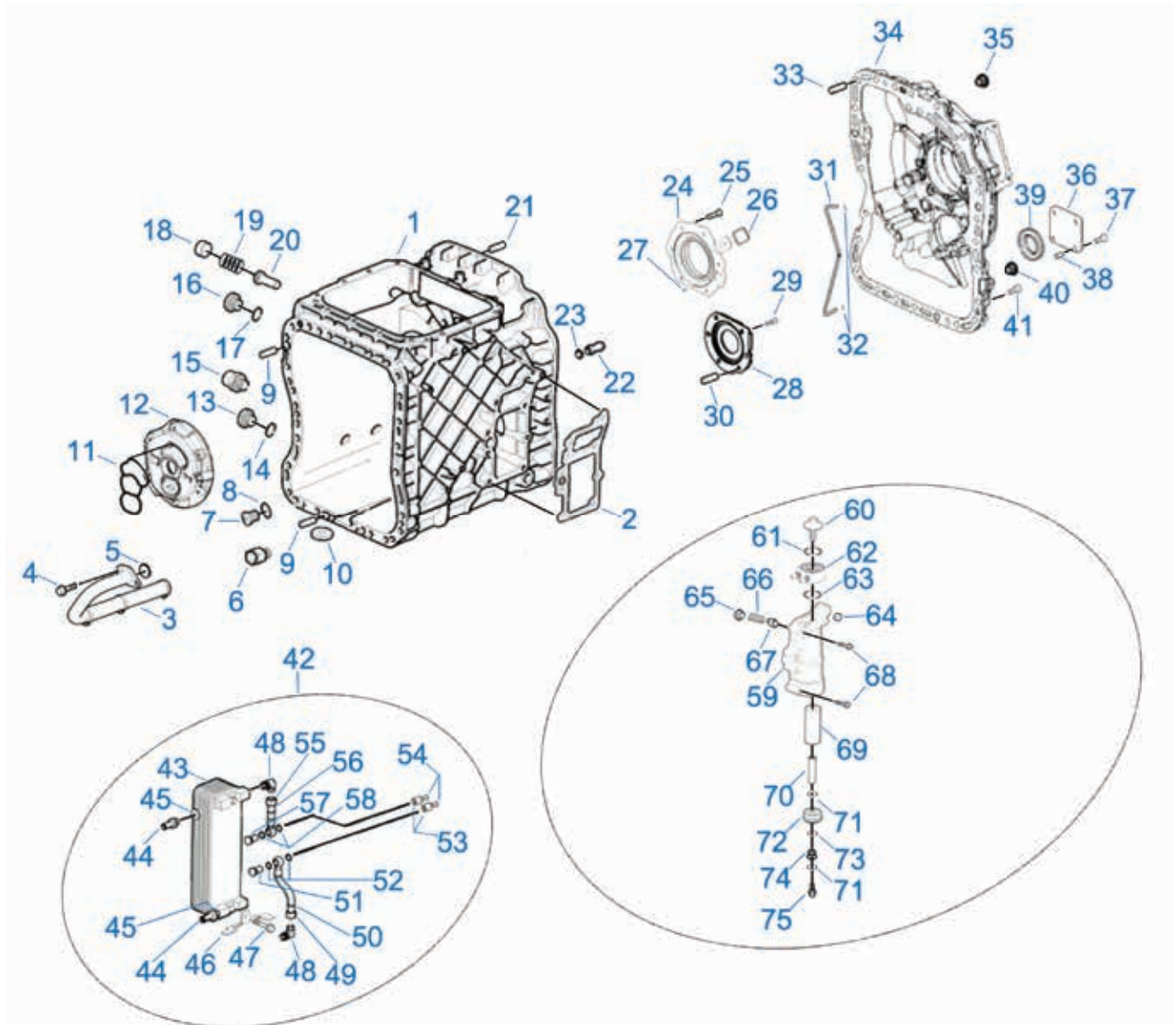


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	22429963	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ AT2612D Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679941	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22327063	22327063	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ AT2612D Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
		21550882	Rear Housing Kit	1	
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	Type A
4		994271	Screw	2	Type A
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	Type A
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	

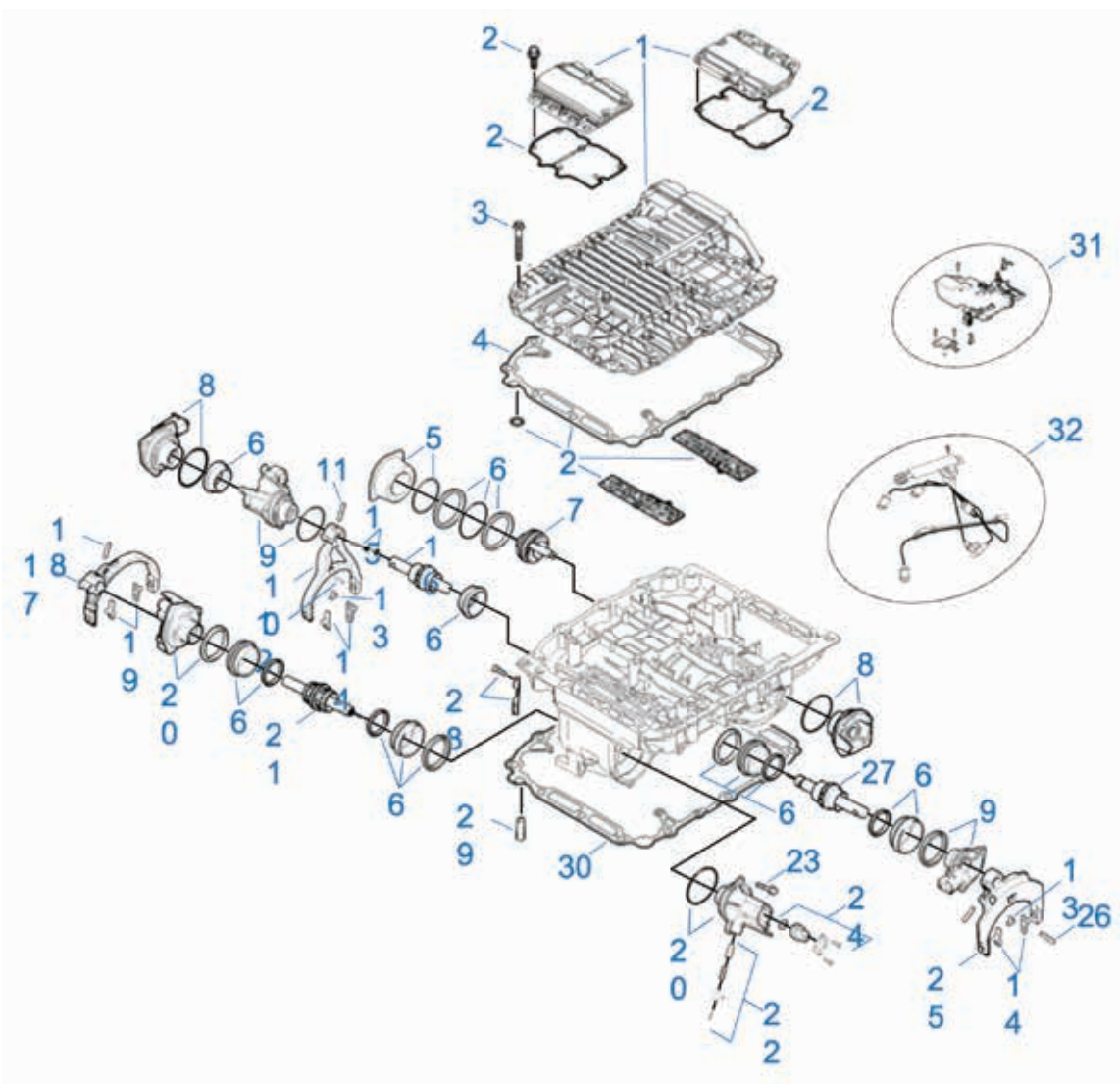
I-Shift/mDRIVE™ AT2612D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
17		977005	Gasket	1	
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21629020	21629020	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
31		21376703	Oil Tube	1	
32		976029	O-Ring	2	
33		21176267	Dowel Pin	3	
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		21556042	Rear Housing	1	Single Power - With Retarder
34		21556202	Rear Housing	1	Double Power - With Retarder
34		21392880	Rear Housing	1	Single Power - With Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
49-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	

I-Shift/mDRIVE™ AT2612D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
57		190714	Union	1	
58		947624	Gasket	2	
55-58		22429384	Tube	1	
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
59		947624	Gasket	2	
56,57,58,59		22429384	Tube	1	
60		20700745	Boot	1	Type E
60		21426924	Boot	1	Type F
61		22343544	Screw	1	
62		967343	O-Ring	1	
63		21360064	Union	1	
63		21983348	Union	1	
64		20769993	O-Ring	1	
64		967343	O-Ring	1	
65		1521691	Plug	1	
66		20568482	Plug	1	
67		466653	Spring	1	
68		471085	Valve	1	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ AT2612D Control Actuator

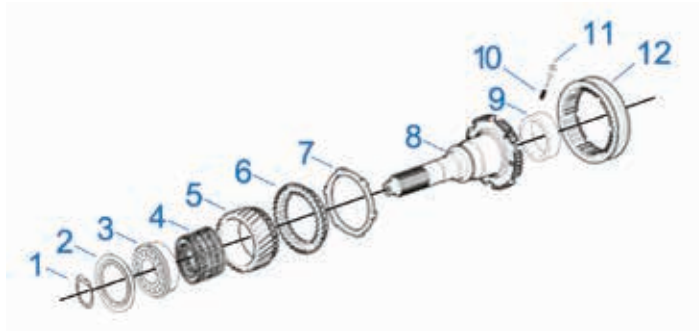


Item	Part Number	Industry Number	Description	Qty	Notes
		22780683	Control Actuator - Complete	1	With Retarder
		22780682	Control Actuator - Complete	1	Without Retarder
		22106416	Control Actuator - Kit	1	Type A
		22780686	Control Actuator - Kit	1	Type B
1		21484416	Upper Cover	1	With Retarder
1		21536238	Upper Cover	1	Without Retarder
2	EAIS20785252	20785252	Gasket Kit	1	
3		20534545	Screw	14	
4	EAIS20562270	20562270	Gasket	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS20562635	20562635	Covers Kit	1	
9	EAIS20562633	20562633	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	ø 12 mm

I-Shift/mDRIVE™ AT2612D Control Actuator

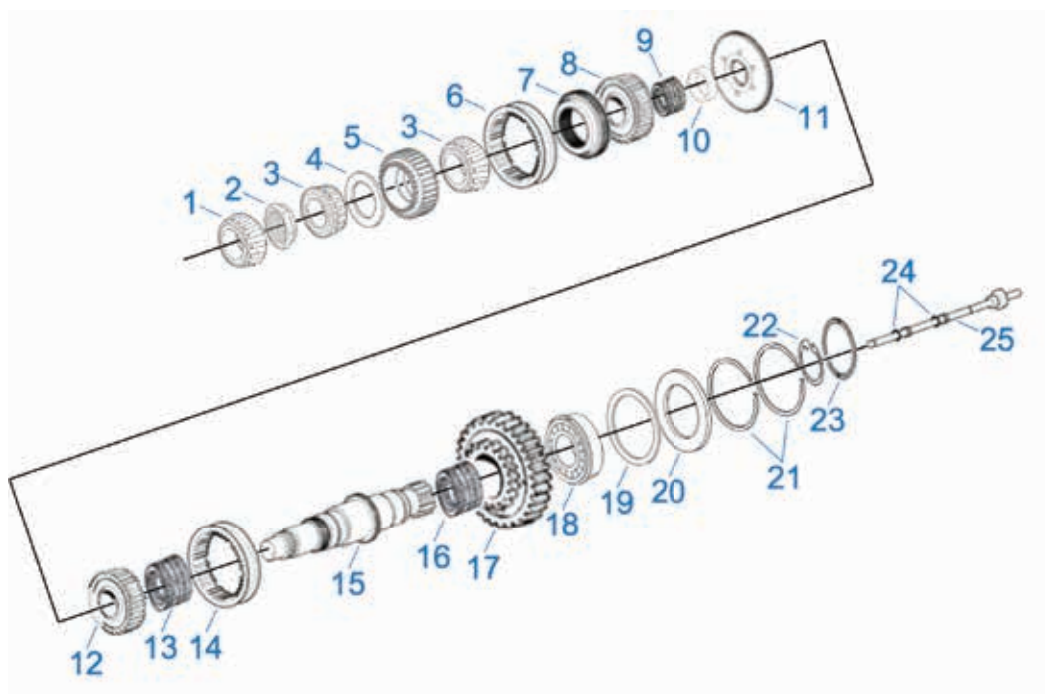
Item	Part Number	Industry Number	Description	Qty	Notes
13	EAIS20542598	20542598	Synchro Sliding Pad	2	ø 11 mm
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20	EAIS20562631	20562631	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25	EAIS21512541	21512541	Shift Fork	1	Type A
25		21678722	Shift Fork	1	Type B
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28	EAIS20845917	20845917	Stop Bracket	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	New Type
30	EAIS8171137	8171137	Gasket	1	Old Type
31	EAIS21068286	21068286	Pressure Sensor Repair Kit	1	
32	EAIS22117441	22117441	Cable Harness Kit	1	
32	EAIS22176325	22176325	Cable Harness Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730
11, 13, 14, 19, 26	EAIS20562628	20562628	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20542598
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730

I-Shift/mDRIVE™ AT2812D Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20854441	20854441	Gear -31 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS20771700	20771700	Input Shaft -358.50 mm	1	
8	EAIS21753181	21753181	Input Shaft -376.50 mm	1	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	
8	EAIS22358444	22358444	Input Shaft -358.50 mm	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10, 11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10, 11, 12	EAIS21671426C	21671426	Synchro Kit	1	
10, 11, 12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ AT2812D Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

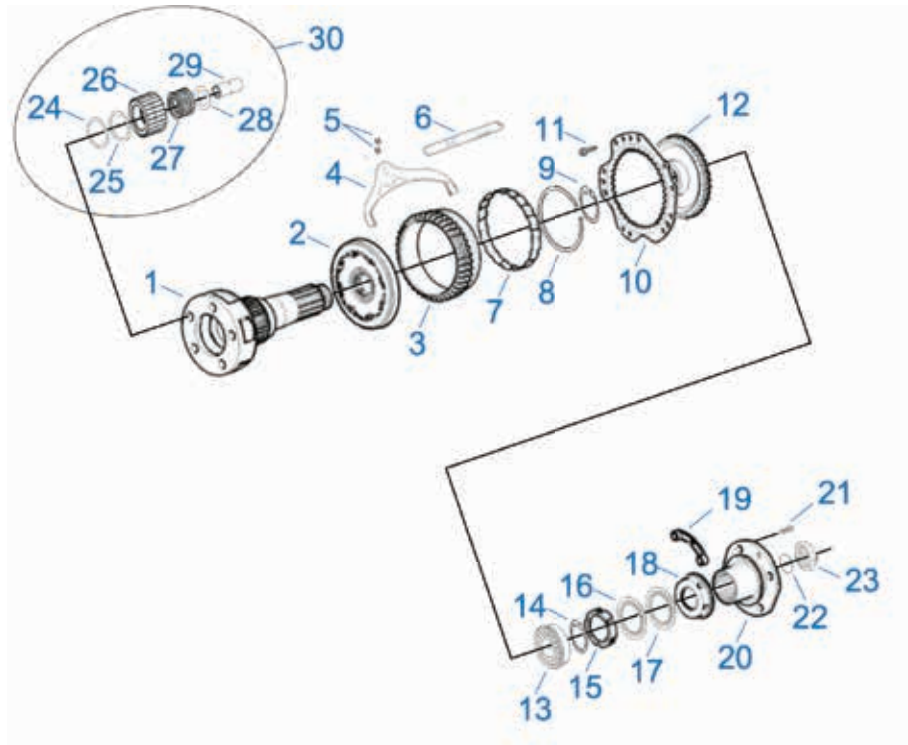
I-Shift/mDRIVE™ AT2812D Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	

I-Shift/mDRIVE™ AT2812D Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.50 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1, 3-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ AT2812D Planetary Carrier

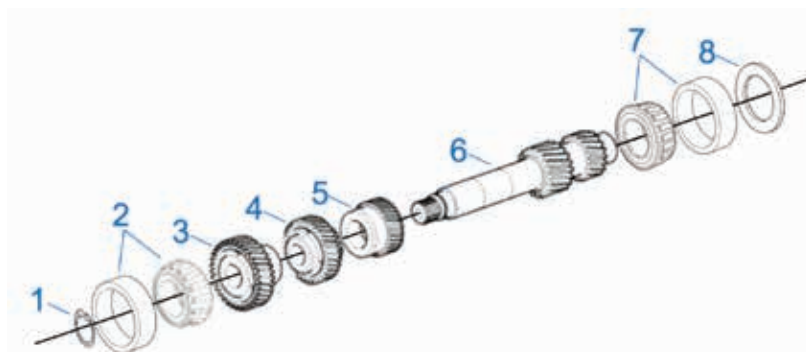


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ AT2812D Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ AT2812D Counter Shaft

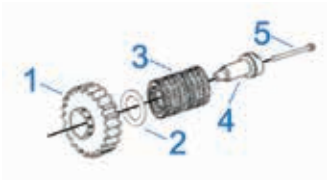


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
3	EAIS20854437	20854437	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	20544785	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ AT2812D Counter Shaft

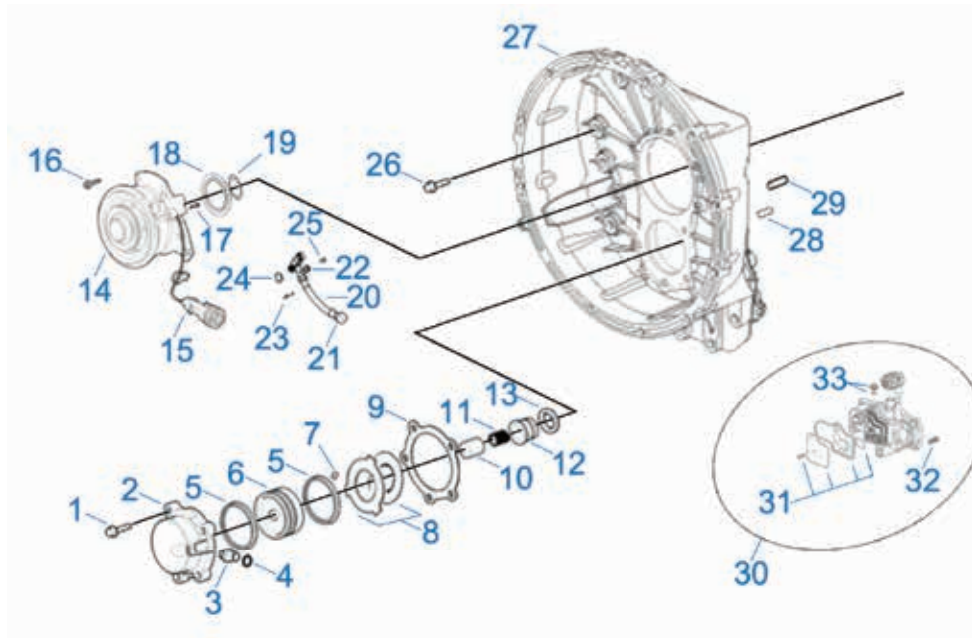
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ AT2812D Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ AT2812D Front Housing

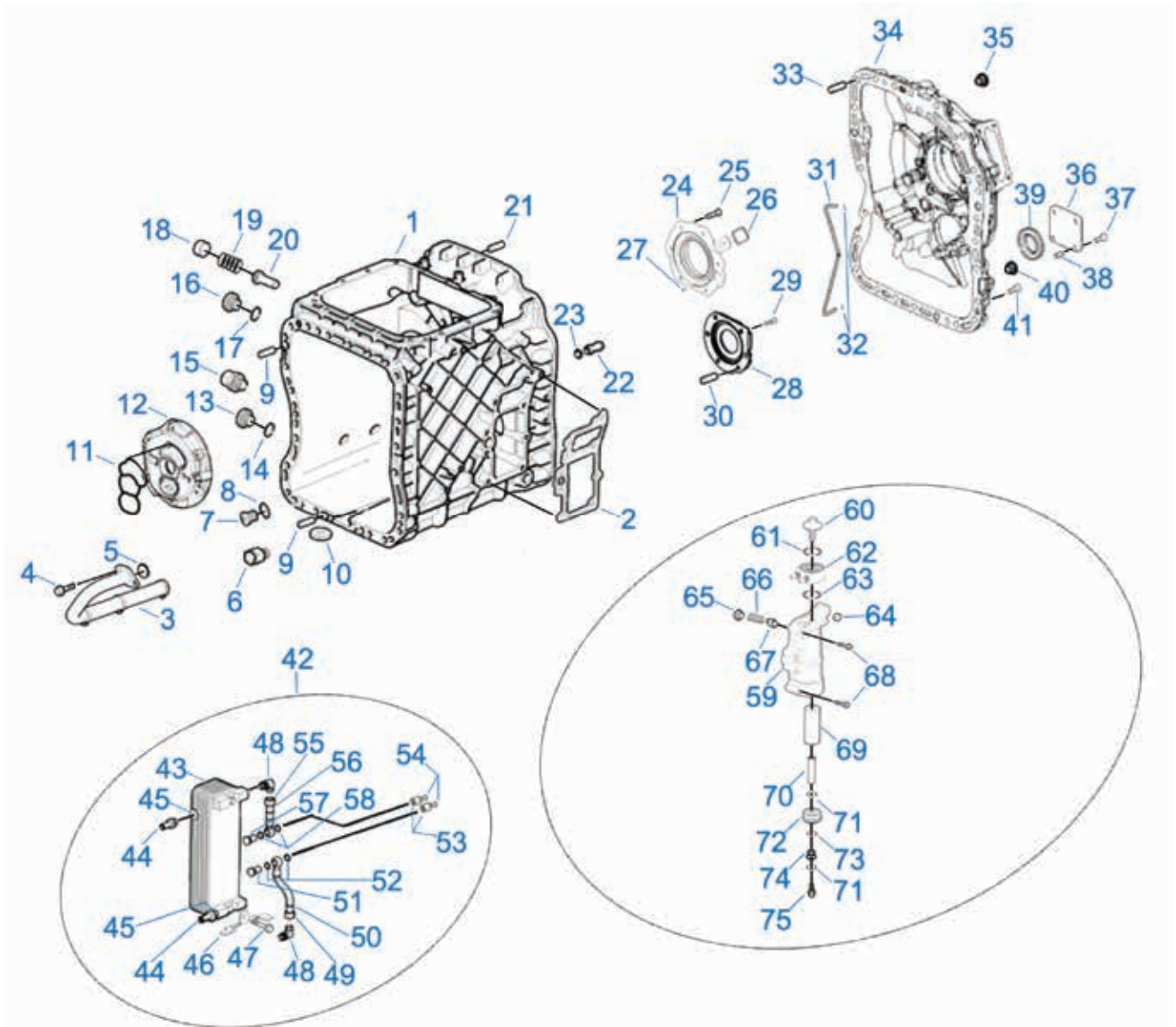


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	21934651	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ AT2812D Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679940	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22327063	22327063	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ AT2812D Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
		21550882	Rear Housing Kit	1	
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	Type A
4		994271	Screw	2	Type A
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	Type A
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	

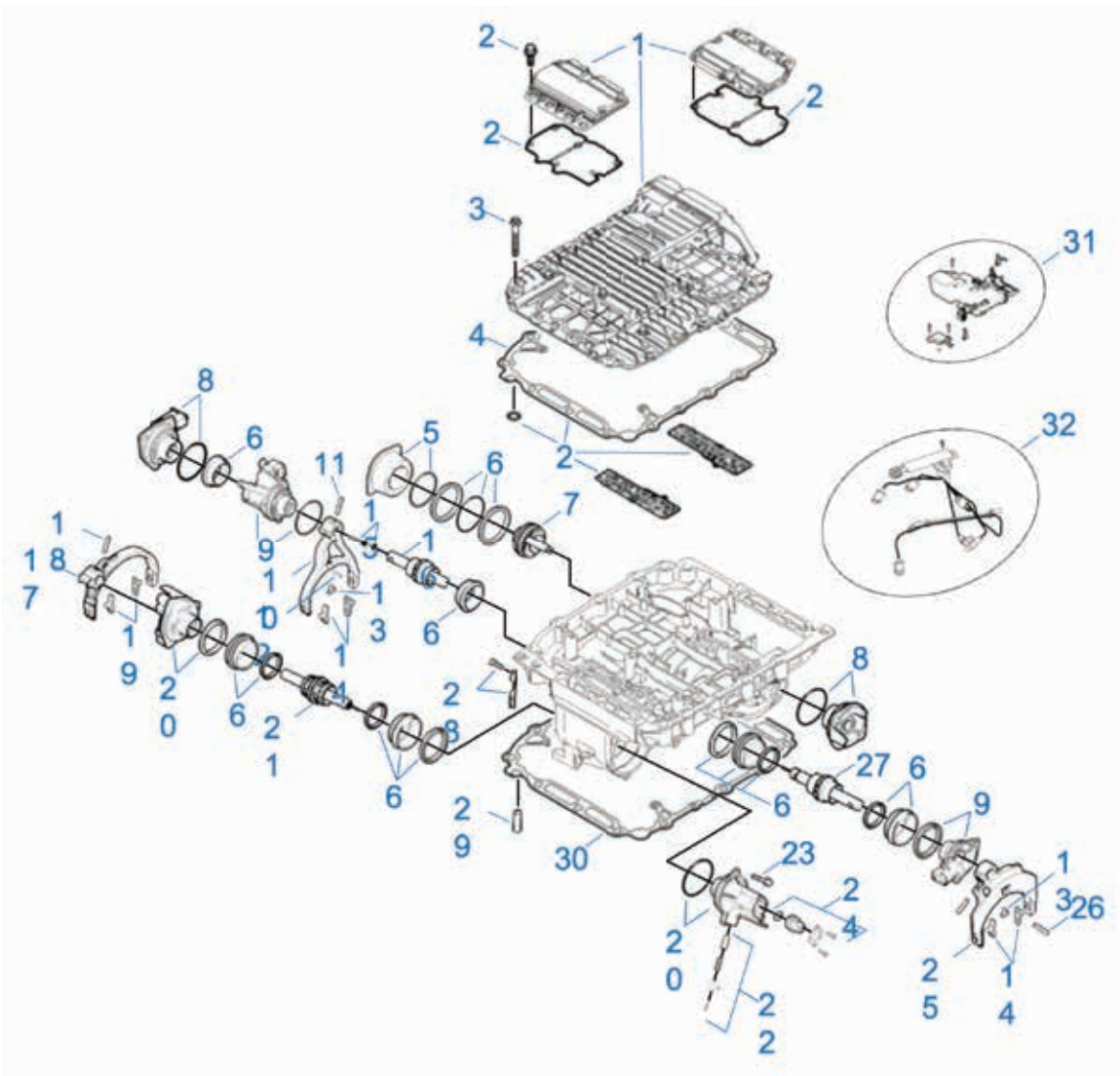
I-Shift/mDRIVE™ AT2812D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
17		977005	Gasket	1	
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21629020	21629020	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
31		21376703	Oil Tube	1	
32		976029	O-Ring	2	
33		21176267	Dowel Pin	3	
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		21556042	Rear Housing	1	Single Power - With Retarder
34		21556202	Rear Housing	1	Double Power - With Retarder
34		21392880	Rear Housing	1	Single Power - With Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
49-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	

I-Shift/mDRIVE™ AT2812D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	
55-58		22429384	Tube	1	
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ AT2812D Control Actuator

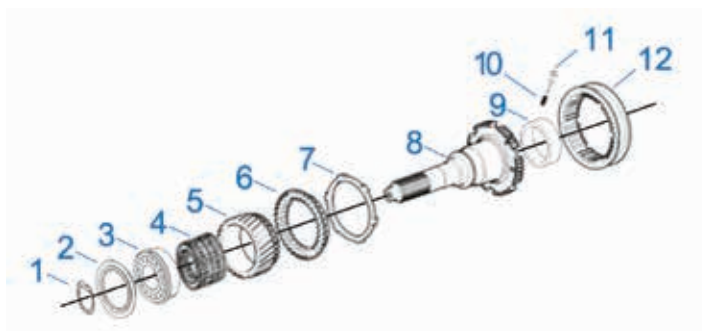


Item	Part Number	Industry Number	Description	Qty	Notes
		22780683	Control Actuator - Complete	1	With Retarder
		22780682	Control Actuator - Complete	1	Without Retarder
		22106416	Control Actuator - Kit	1	Type A
		22780686	Control Actuator - Kit	1	Type B
1		21484416	Upper Cover	1	With Retarder
1		21536238	Upper Cover	1	Without Retarder
2	EAIS20785252	20785252	Gasket Kit	1	
3		20534545	Screw	14	
4	EAIS20562270	20562270	Gasket	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS20562635	20562635	Covers Kit	1	
9	EAIS20562633	20562633	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	ø 12 mm

I-Shift/mDRIVE™ AT2812D Control Actuator

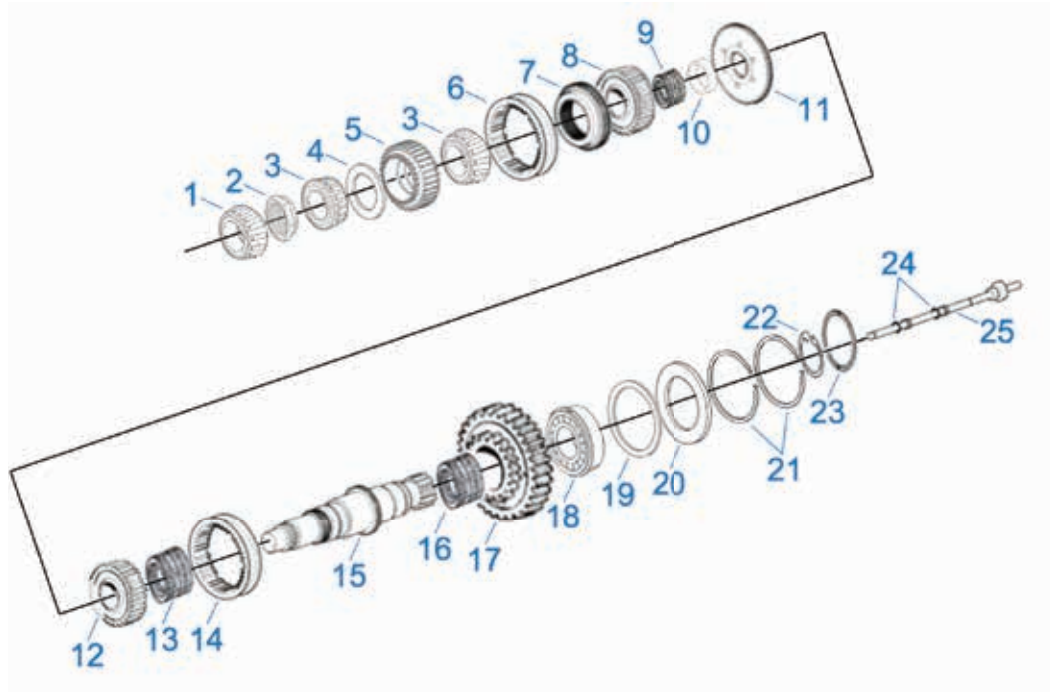
Item	Part Number	Industry Number	Description	Qty	Notes
13	EAIS20542598	20542598	Synchro Sliding Pad	2	ø 11 mm
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20	EAIS20562631	20562631	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25	EAIS21512541	21512541	Shift Fork	1	Type A
25		21678722	Shift Fork	1	Type B
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28	EAIS20845917	20845917	Stop Bracket	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	New Type
30	EAIS8171137	8171137	Gasket	1	Old Type
31	EAIS21068286	21068286	Pressure Sensor Repair Kit	1	
32	EAIS22117441	22117441	Cable Harness Kit	1	
32	EAIS22176325	22176325	Cable Harness Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730
11, 13, 14, 19, 26	EAIS20562628	20562628	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20542598
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730

I-Shift/mDRIVE™ ATO2612D Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626063	21626063	Bearing -85x150x30.5 mm	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776790	20776790	Gear -40 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS20771702	20771702	Input Shaft -358.50 mm	1	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	
8	EAIS22392450	22392450	Input Shaft -358.50 mm	1	
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10, 11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10, 11, 12	EAIS21671426C	21671426	Synchro Kit	1	
10, 11, 12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ ATO2612D Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

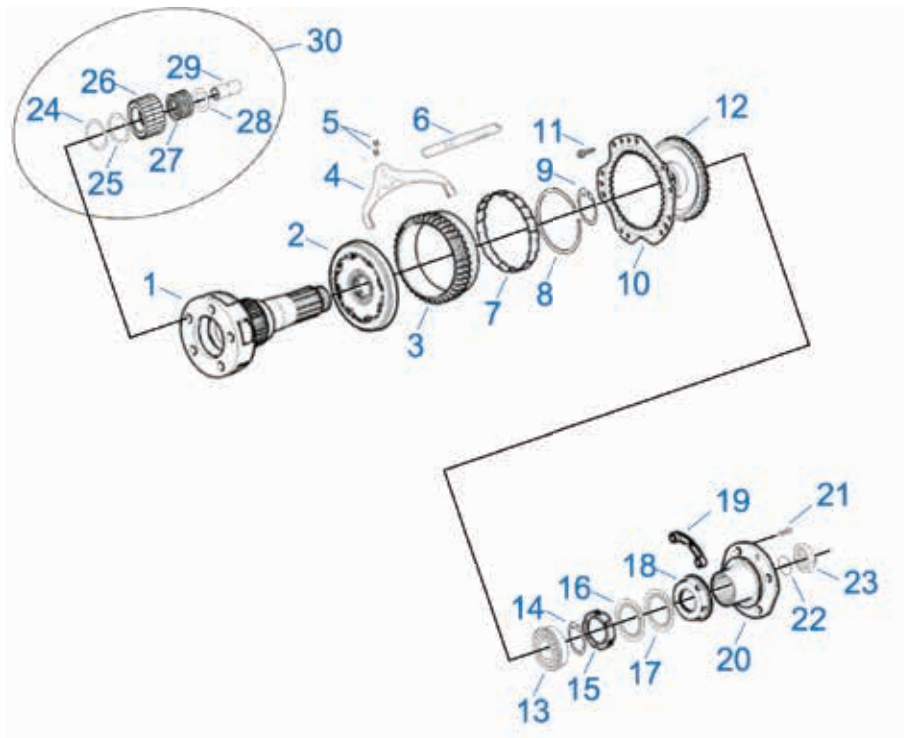
I-Shift/mDRIVE™ ATO2612D Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20739229	20739229	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	

I-Shift/mDRIVE™ ATO2612D Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.50 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1, 3-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ ATO2612D Planetary Carrier

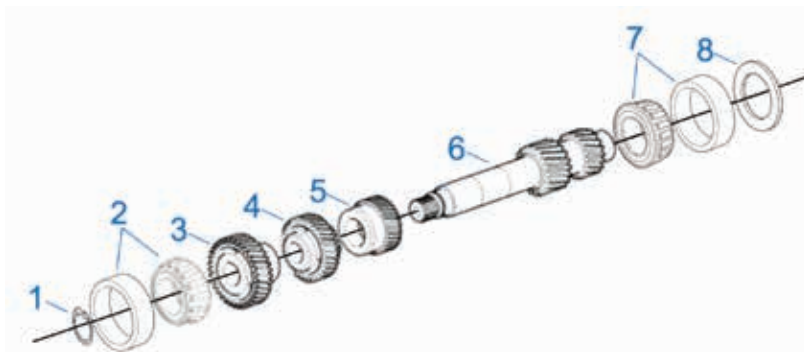


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ ATO2612D Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

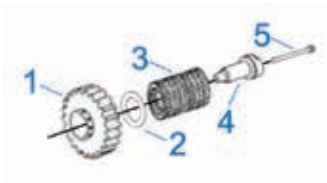
I-Shift/mDRIVE™ ATO2612D Counter Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21626061	21626061	Bearing -60x110x29.75 mm	1	
3	EAIS20483432	20483432	Gear -35 T		
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544787	20544787	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

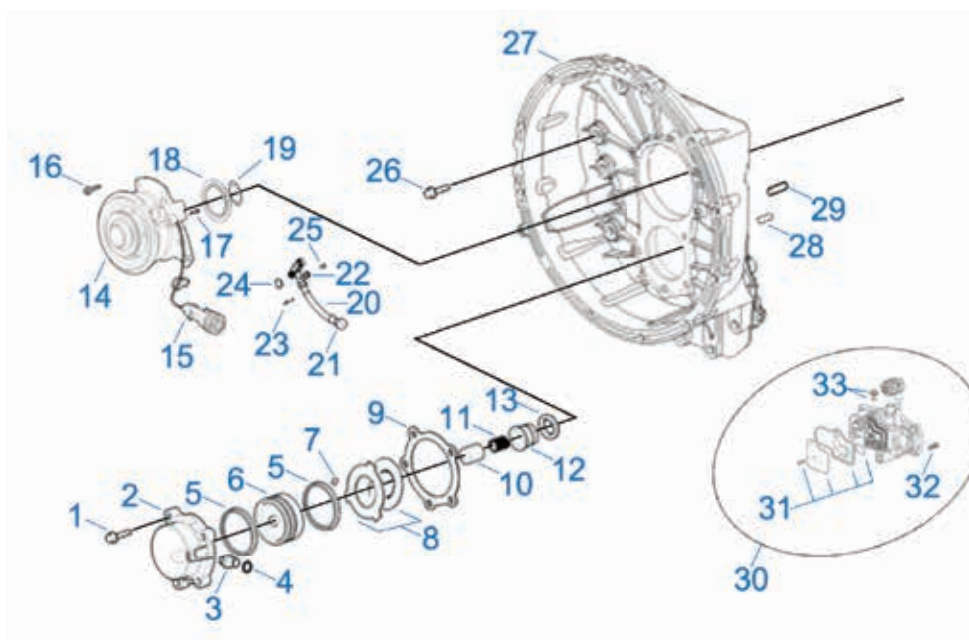
I-Shift/mDRIVE™ ATO2612D Counter Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ ATO2612D Front Housing

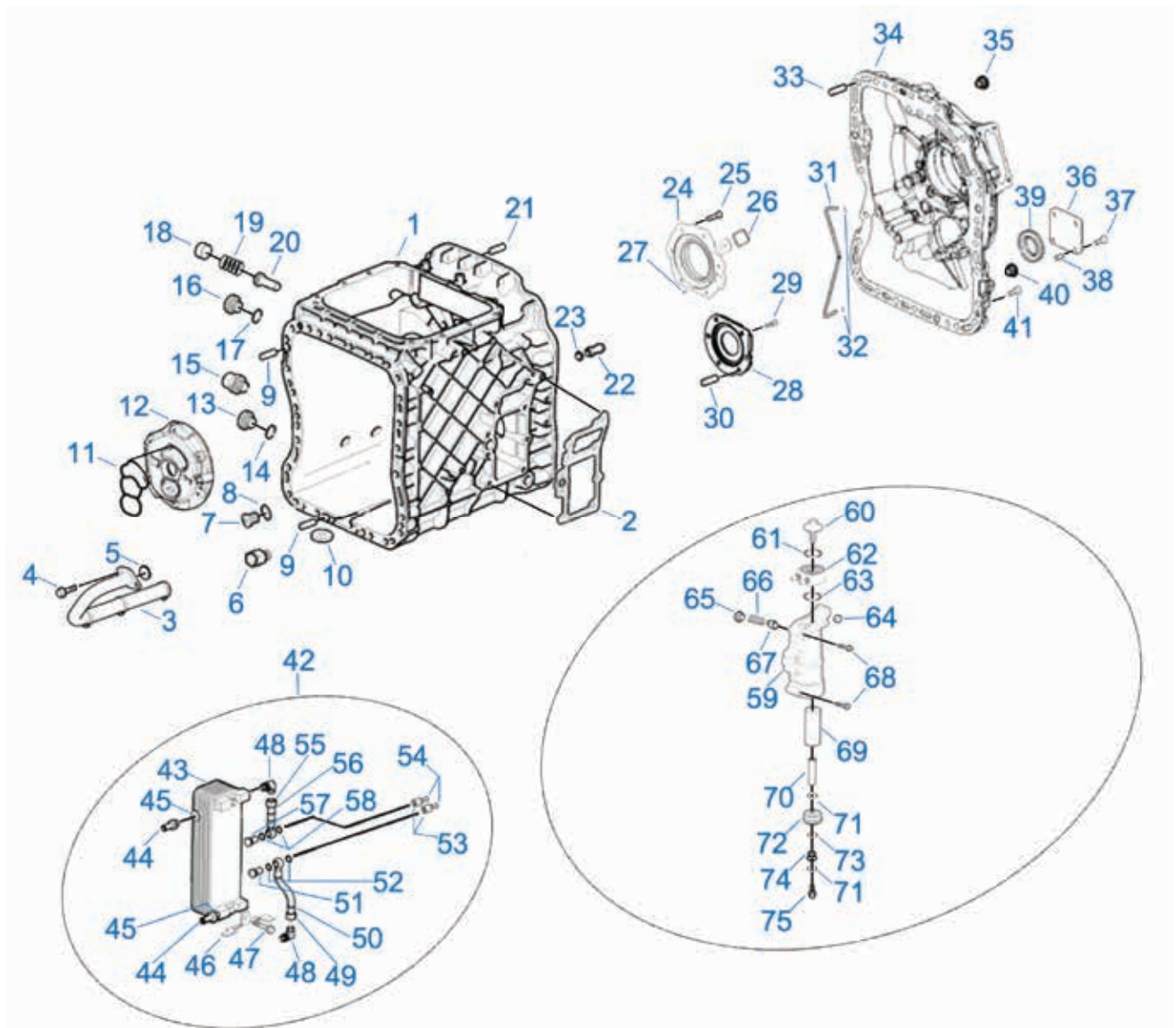


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	22429963	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ ATO2612D Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679939	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22327063	22327063	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ ATO2612D Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
		21550885	Rear Housing Kit	1	
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	Type A
4		994271	Screw	2	Type A
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	Type A
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	

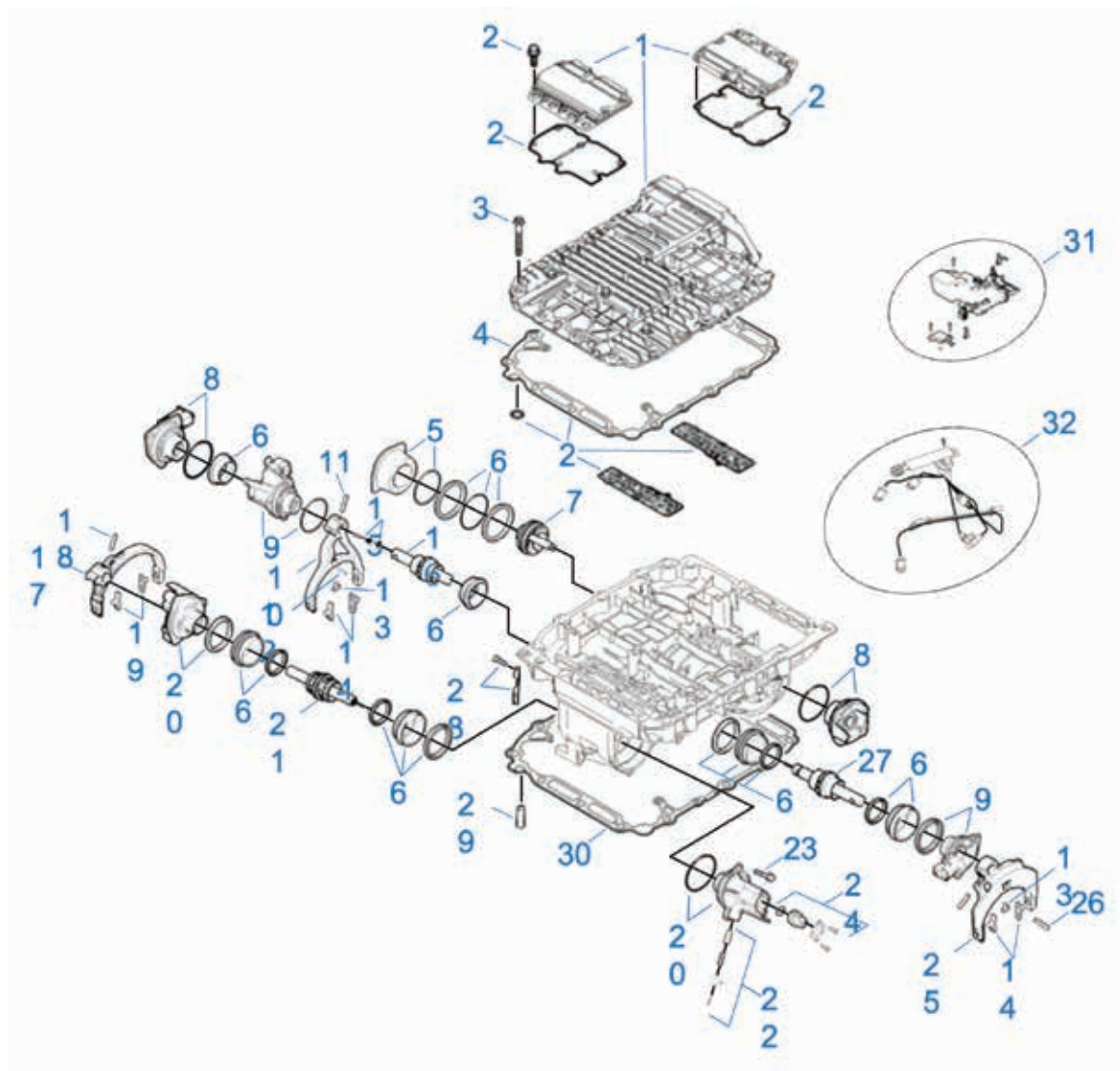
I-Shift/mDRIVE™ ATO2612D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
17		977005	Gasket	1	
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21629020	21629020	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
31		21376703	Oil Tube	1	
32		976029	O-Ring	2	
33		21176267	Dowel Pin	3	
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		21556042	Rear Housing	1	Single Power - With Retarder
34		21556202	Rear Housing	1	Double Power - With Retarder
34		21392880	Rear Housing	1	Single Power - With Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
49-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	

I-Shift/mDRIVE™ ATO2612D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
57		190714	Union	1	
58		947624	Gasket	2	
55-58		22429384	Tube	1	
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ ATO2612D Control Actuator

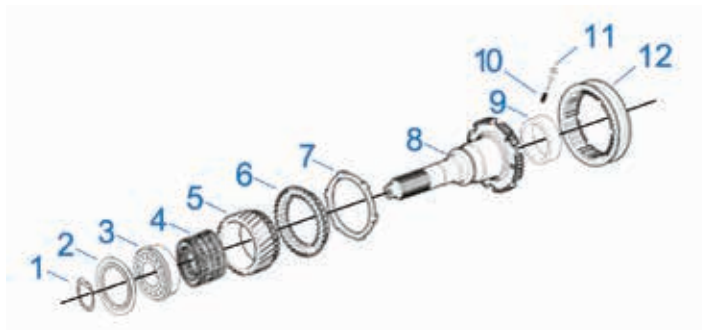


Item	Part Number	Industry Number	Description	Qty	Notes
		22780683	Control Actuator - Complete	1	With Retarder
		22780682	Control Actuator - Complete	1	Without Retarder
		22106416	Control Actuator - Kit	1	Type A
		22780686	Control Actuator - Kit	1	Type B
1		21484416	Upper Cover	1	With Retarder
1		21536238	Upper Cover	1	Without Retarder
2	EAIS20785252	20785252	Gasket Kit	1	
3		20534545	Screw	14	
4	EAIS20562270	20562270	Gasket	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS20562635	20562635	Covers Kit	1	
9	EAIS20562633	20562633	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	ø 12 mm

I-Shift/mDRIVE™ ATO2612D Control Actuator

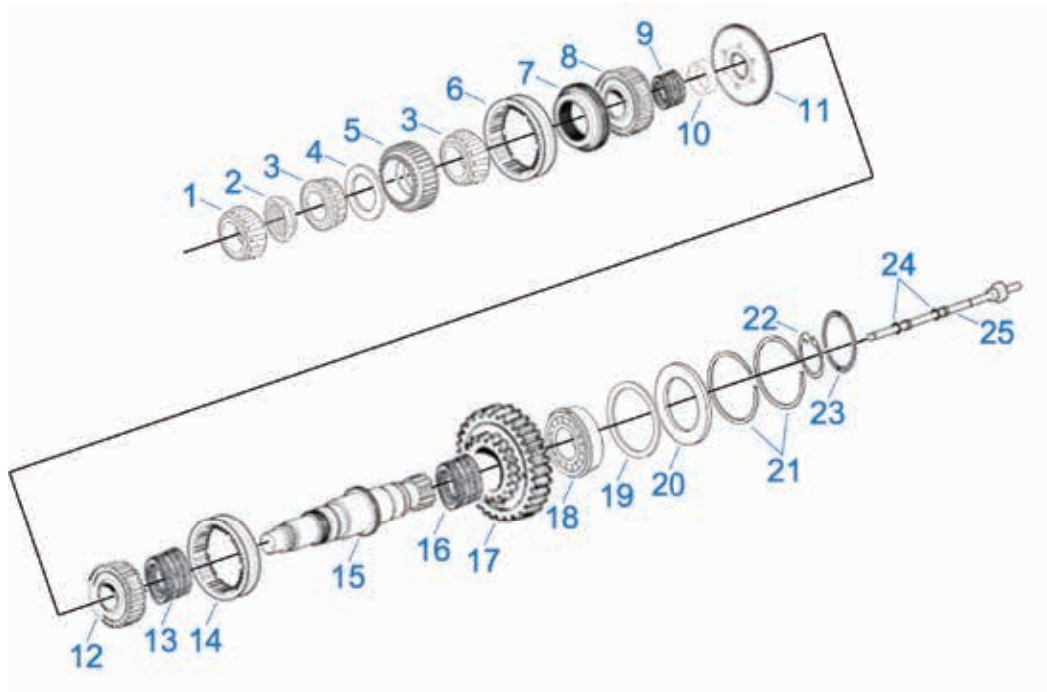
Item	Part Number	Industry Number	Description	Qty	Notes
13	EAIS20542598	20542598	Synchro Sliding Pad	2	ø 11 mm
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20	EAIS20562631	20562631	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25	EAIS21512541	21512541	Shift Fork	1	Type A
25		21678722	Shift Fork	1	Type B
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28	EAIS20845917	20845917	Stop Bracket	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	New Type
30	EAIS8171137	8171137	Gasket	1	Old Type
31	EAIS21068286	21068286	Pressure Sensor Repair Kit	1	
32	EAIS22117441	22117441	Cable Harness Kit	1	
32	EAIS22176325	22176325	Cable Harness Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730
11, 13, 14, 19, 26	EAIS20562628	20562628	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20542598
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730

I-Shift/mDRIVE™ ATO3112D Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776790	20776790	Gear -40 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS20771700	20771700	Input Shaft -358.50 mm	1	
8	EAIS21753181	21753181	Input Shaft -376.50 mm	1	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	
8	EAIS22358444	22358444	Input Shaft -358.50 mm	1	
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10, 11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10, 11, 12	EAIS21671426C	21671426	Synchro Kit	1	
10, 11, 12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ ATO3112D Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

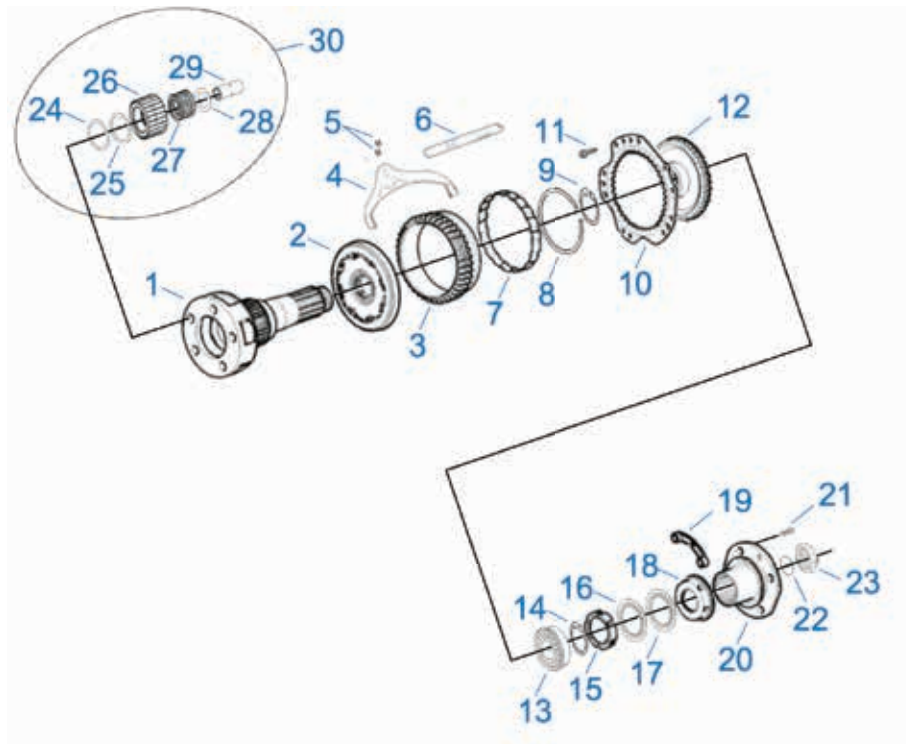
I-Shift/mDRIVE™ ATO3112D Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	

I-Shift/mDRIVE™ ATO3112D Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.50 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1, 3-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ ATO3112D Planetary Carrier

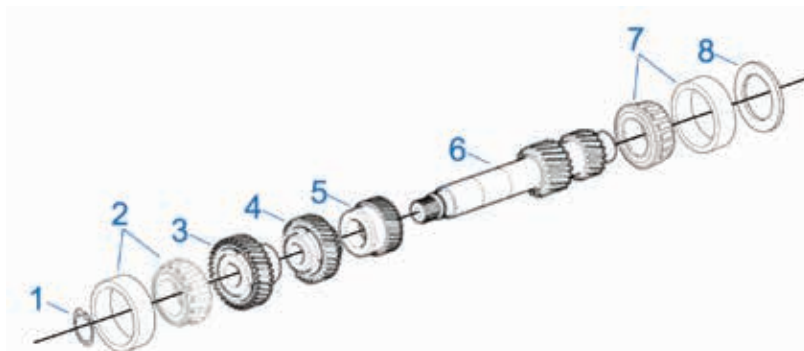


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ ATO3112D Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ ATO3112D Counter Shaft

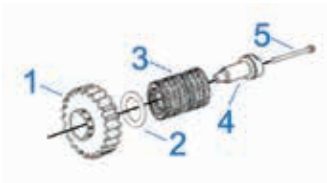


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
3	EAIS20483432	20483432	Gear -35 T		
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	20544785	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ ATO3112D Counter Shaft

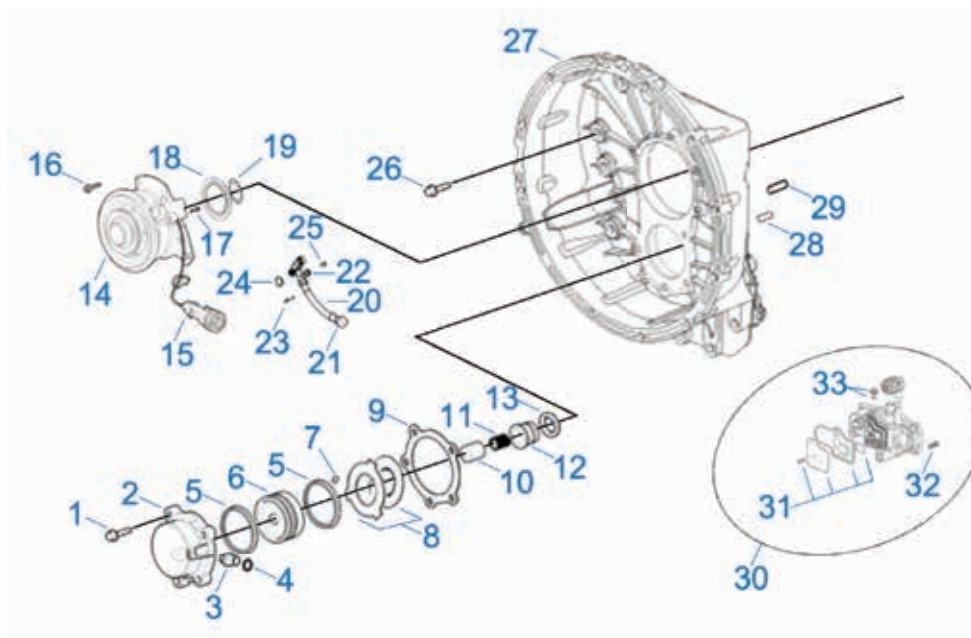
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ ATO3112D Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ ATO3112D Front Housing

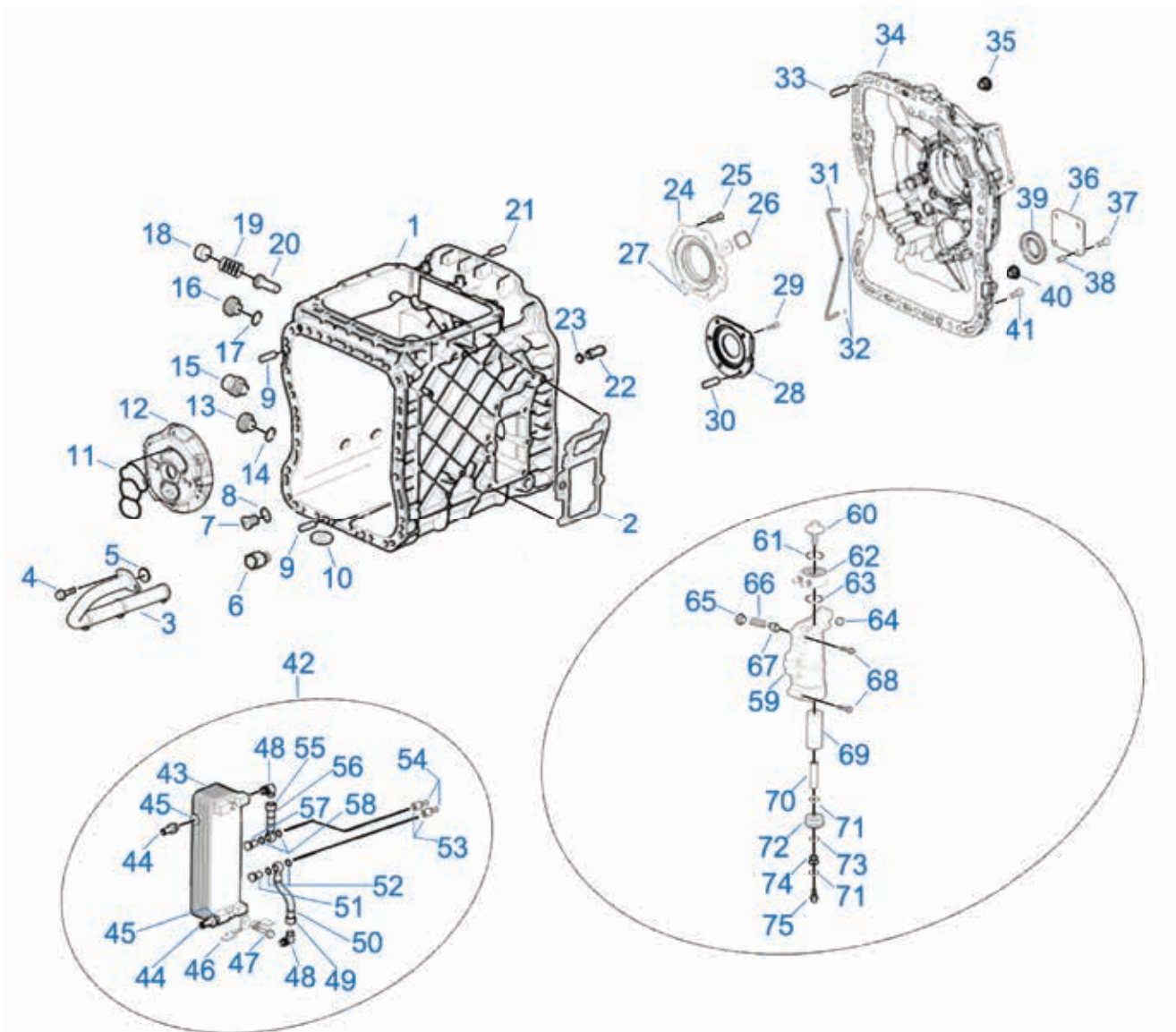


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	21934651	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ ATO3112D Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679940	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22327063	22327063	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ ATO3112D Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
		21550885	Rear Housing Kit	1	
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	Type A
4		994271	Screw	2	Type A
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	Type A
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	

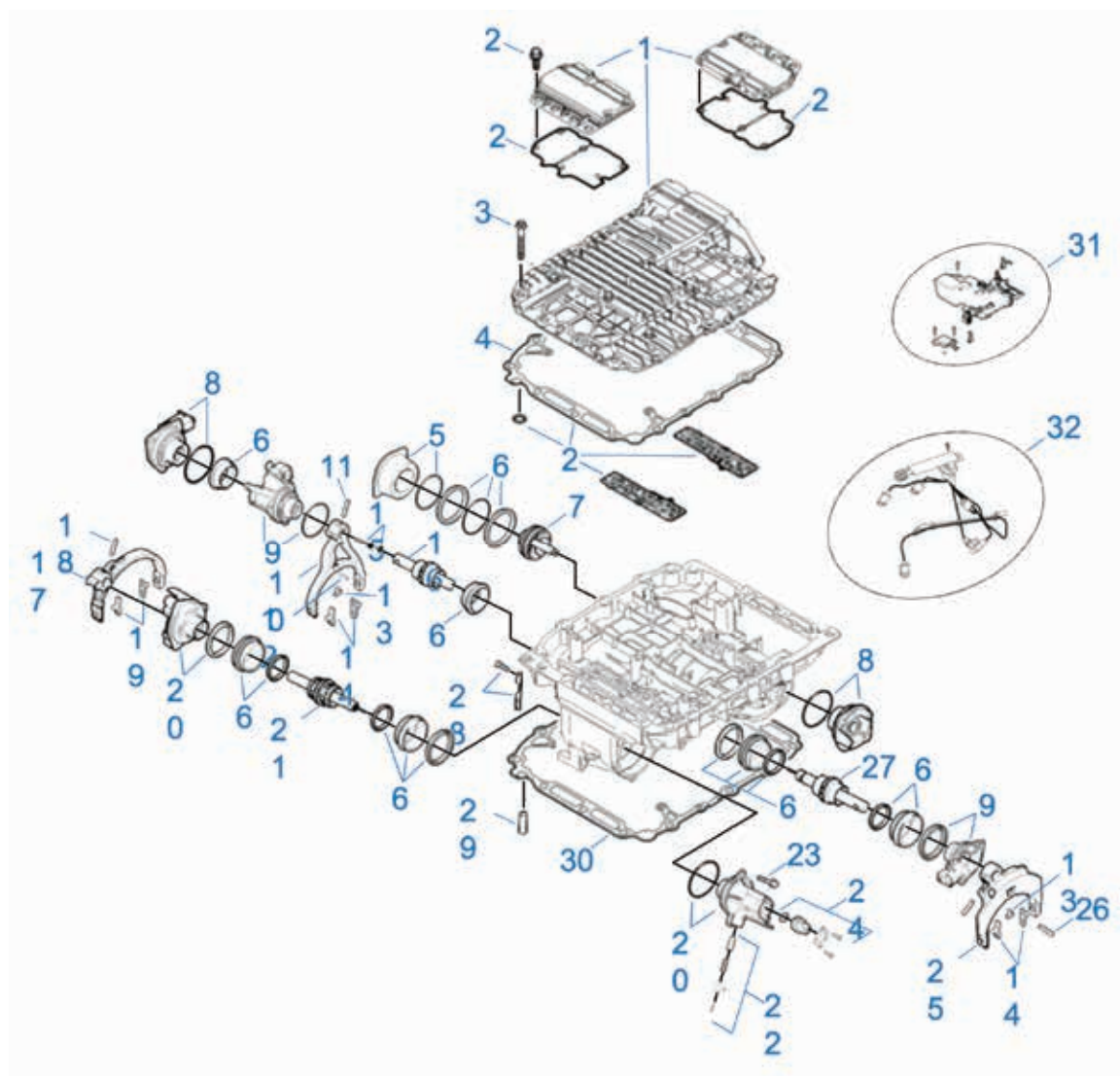
I-Shift/mDRIVE™ ATO3112D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
17		977005	Gasket	1	
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21636544	21636544	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
31		21376703	Oil Tube	1	
32		976029	O-Ring	2	
33		21176267	Dowel Pin	3	
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		21556042	Rear Housing	1	Single Power - With Retarder
34		21556202	Rear Housing	1	Double Power - With Retarder
34		21392880	Rear Housing	1	Single Power - With Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
49-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	

I-Shift/mDRIVE™ ATO3112D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
57		190714	Union	1	
58		947624	Gasket	2	
55-58		22429384	Tube	1	
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ ATO3112D Control Actuator

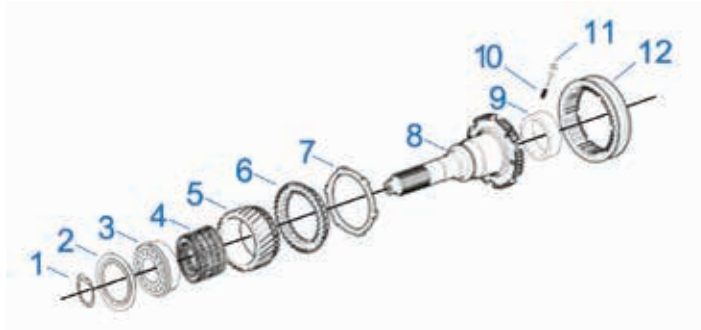


Item	Part Number	Industry Number	Description	Qty	Notes
		22780683	Control Actuator - Complete	1	With Retarder
		22780682	Control Actuator - Complete	1	Without Retarder
		22106416	Control Actuator - Kit	1	Type A
		22780686	Control Actuator - Kit	1	Type B
1		21484416	Upper Cover	1	With Retarder
1		21536238	Upper Cover	1	Without Retarder
2	EAIS20785252	20785252	Gasket Kit	1	
3		20534545	Screw	14	
4	EAIS20562270	20562270	Gasket	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS20562635	20562635	Covers Kit	1	
9	EAIS20562633	20562633	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	ø 12 mm
13	EAIS20542598	20542598	Synchro Sliding Pad	2	ø 11 mm

I-Shift/mDRIVE™ ATO3112D Control Actuator

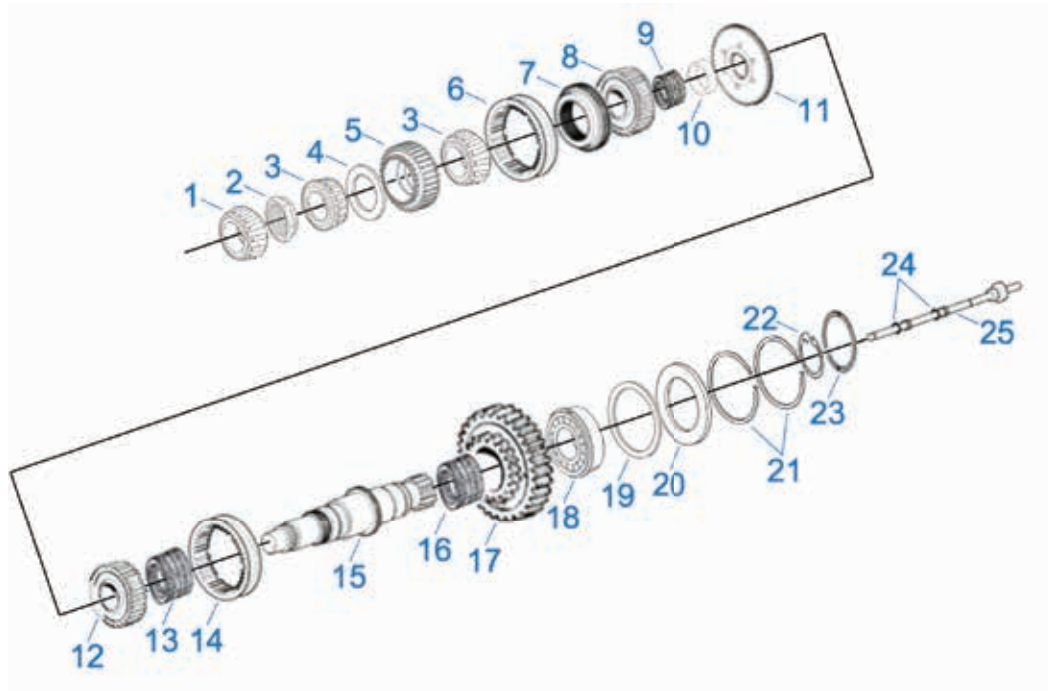
Item	Part Number	Industry Number	Description	Qty	Notes
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20	EAIS20562631	20562631	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25	EAIS21512541	21512541	Shift Fork	1	Type A
25		21678722	Shift Fork	1	Type B
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28	EAIS20845917	20845917	Stop Bracket	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	New Type
30	EAIS8171137	8171137	Gasket	1	Old Type
31	EAIS21068286	21068286	Pressure Sensor Repair Kit	1	
32	EAIS22117441	22117441	Cable Harness Kit	1	
32	EAIS22176325	22176325	Cable Harness Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730
11, 13, 14, 19, 26	EAIS20562628	20562628	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20542598
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730

I-Shift/mDRIVE™ ATO3512D Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20854441	20854441	Gear -31 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS20771700	20771700	Input Shaft -358.50 mm	1	
8	EAIS21753181	21753181	Input Shaft -376.50 mm	1	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	
8	EAIS22358444	22358444	Input Shaft -358.50 mm	1	
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10, 11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10, 11, 12	EAIS21671426C	21671426	Synchro Kit	1	
10, 11, 12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ ATO3512D Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

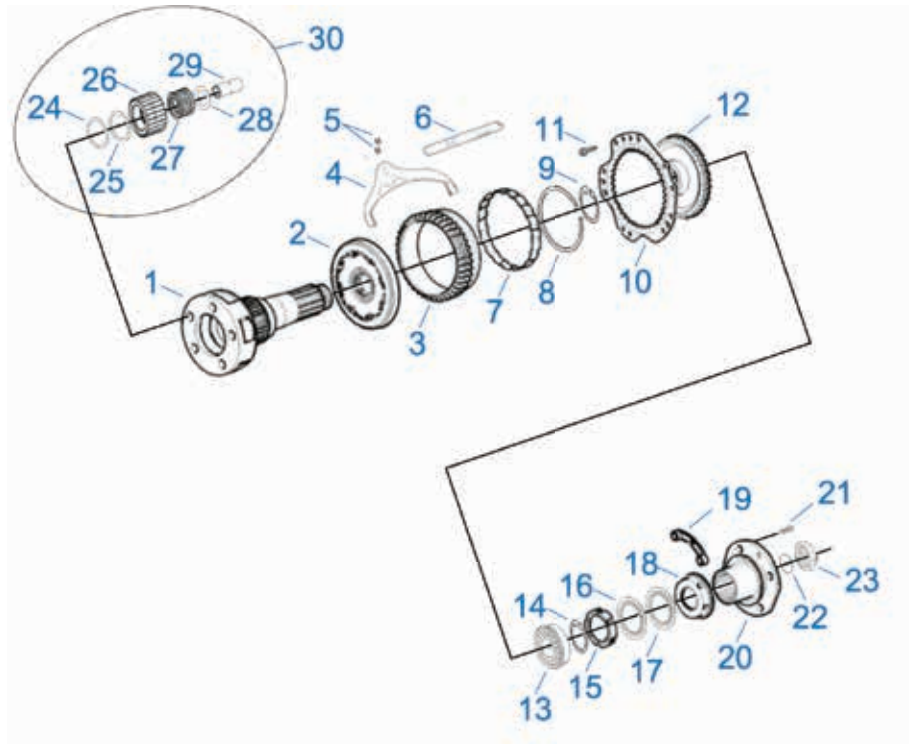
I-Shift/mDRIVE™ ATO3512D Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	

I-Shift/mDRIVE™ ATO3512D Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.50 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1, 3-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ ATO3512D Planetary Carrier

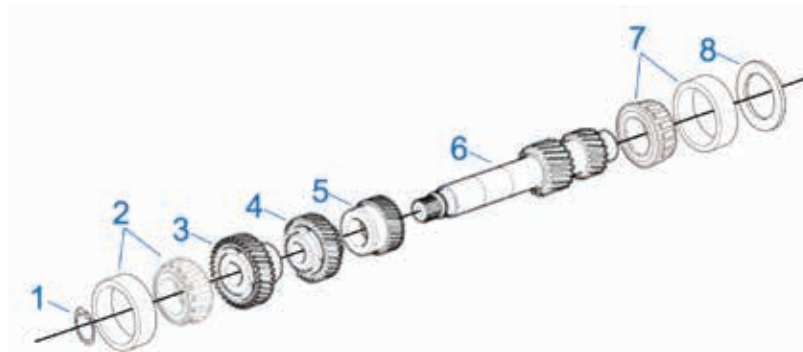


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ ATO3512D Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ ATO3512D Counter Shaft

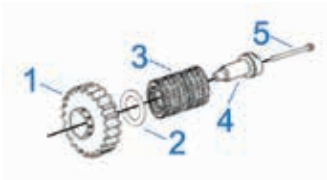


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
3	EAIS20483432	20483432	Gear -35 T		
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	20544785	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ ATO3512D Counter Shaft

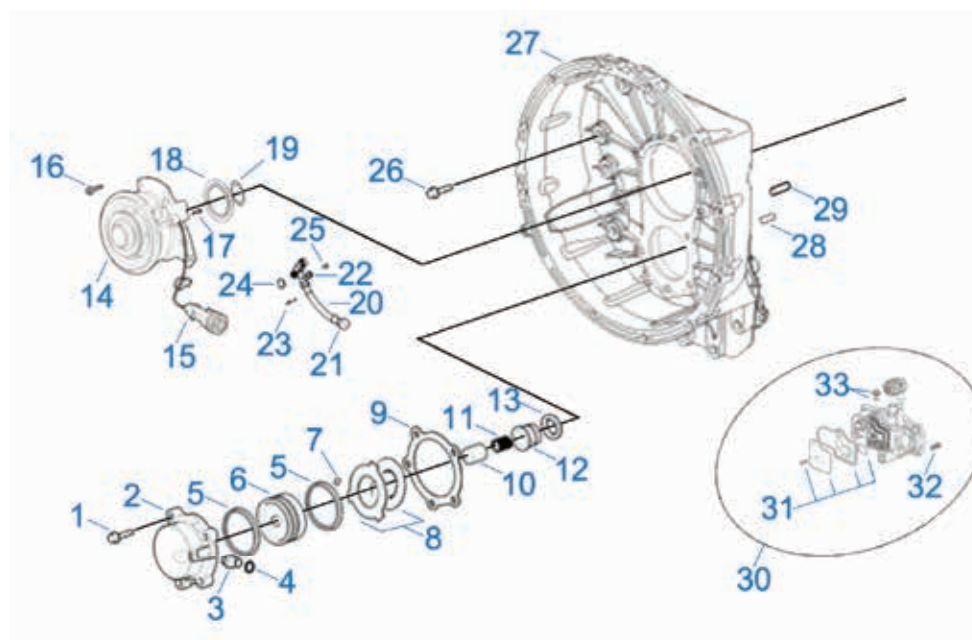
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ ATO3512D Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ ATO3512D Front Housing

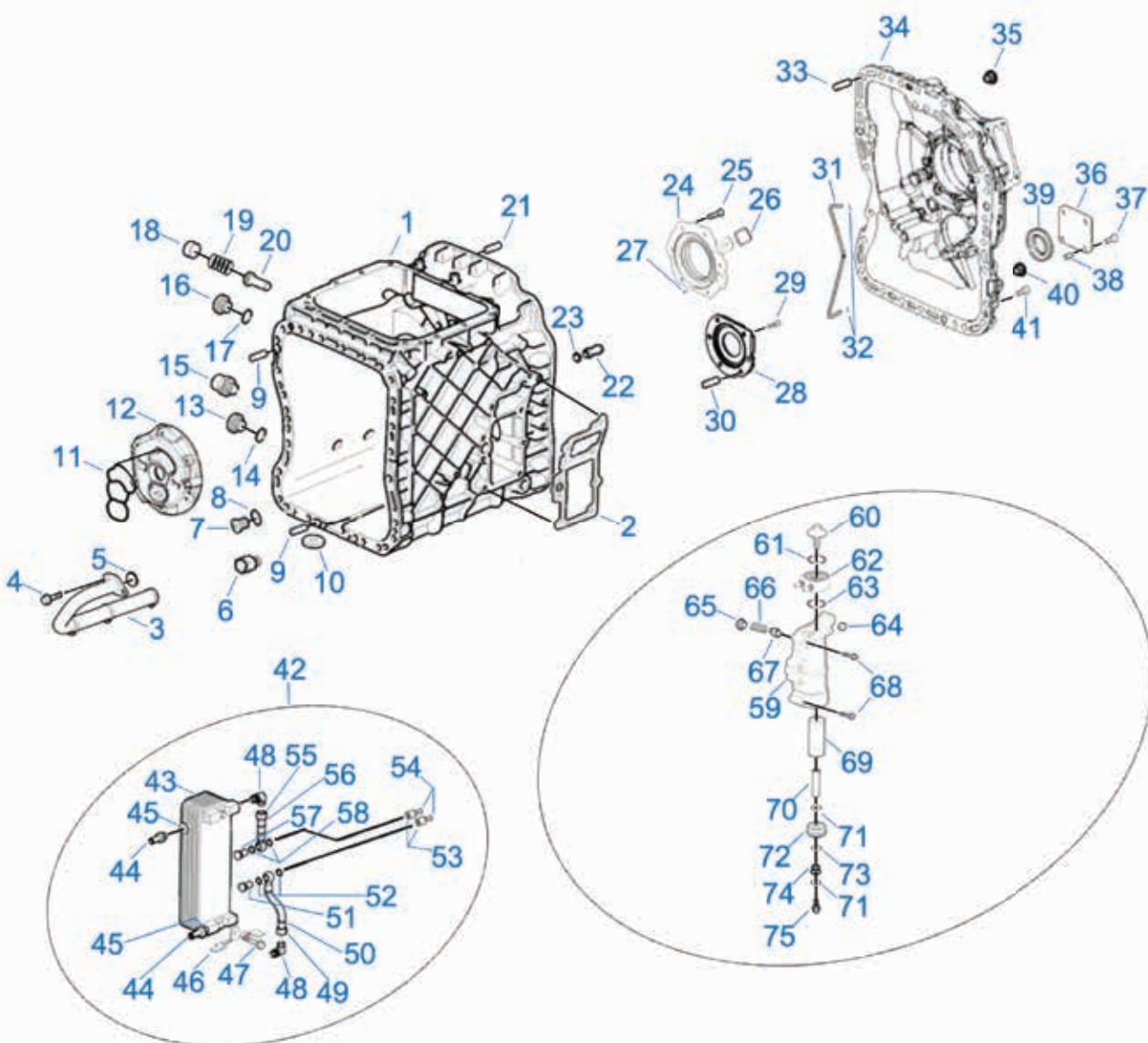


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	21934651	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ ATO3512D Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679940	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22327063	22327063	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ ATO3512D Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
		21550885	Rear Housing Kit	1	
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	Type A
4		994271	Screw	2	Type A
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	Type A
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	

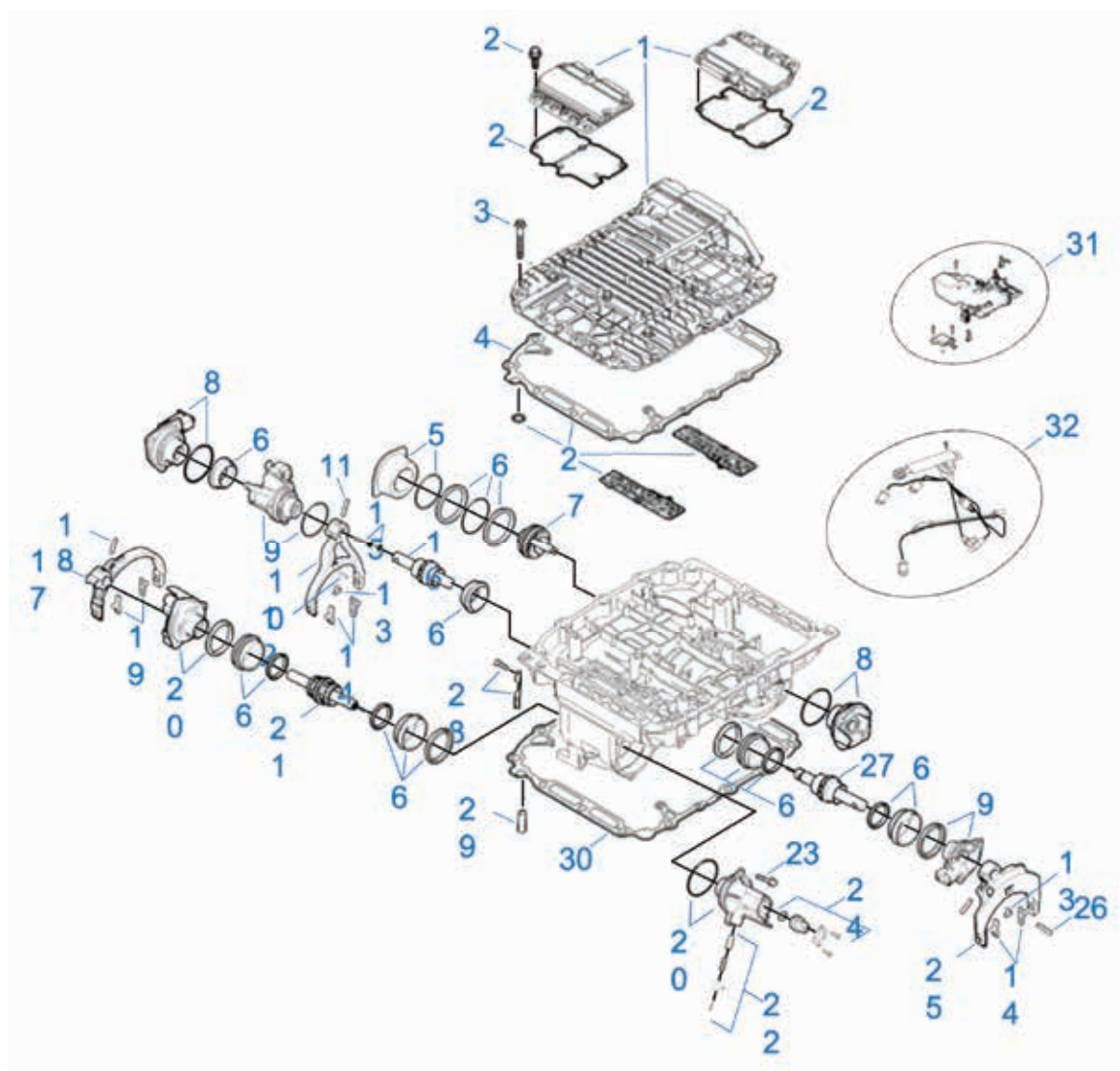
I-Shift/mDRIVE™ ATO3512D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
17		977005	Gasket	1	
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21636544	21636544	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
31		21376703	Oil Tube	1	
32		976029	O-Ring	2	
33		21176267	Dowel Pin	3	
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		21556042	Rear Housing	1	Single Power - With Retarder
34		21556202	Rear Housing	1	Double Power - With Retarder
34		21392880	Rear Housing	1	Single Power - With Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
49-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	

I-Shift/mDRIVE™ ATO3512D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
57		190714	Union	1	
58		947624	Gasket	2	
55-58		22429384	Tube	1	
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ ATO3512D Control Actuator

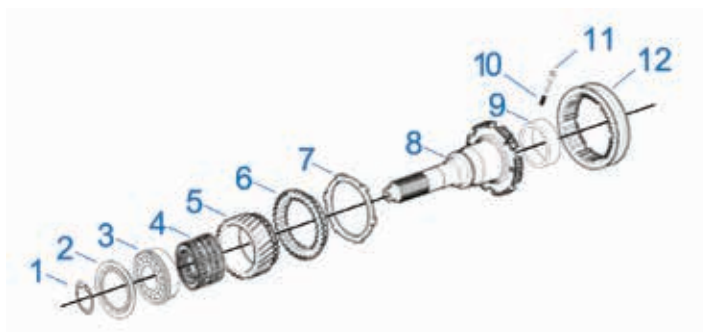


Item	Part Number	Industry Number	Description	Qty	Notes
		22780683	Control Actuator - Complete	1	With Retarder
		22780682	Control Actuator - Complete	1	Without Retarder
		22106416	Control Actuator - Kit	1	Type A
		22780686	Control Actuator - Kit	1	Type B
1		21484416	Upper Cover	1	With Retarder
1		21536238	Upper Cover	1	Without Retarder
2	EAIS20785252	20785252	Gasket Kit	1	
3		20534545	Screw	14	
4	EAIS20562270	20562270	Gasket	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS20562635	20562635	Covers Kit	1	
9	EAIS20562633	20562633	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	ø 12 mm
13	EAIS20542598	20542598	Synchro Sliding Pad	2	ø 11 mm

I-Shift/mDRIVE™ ATO3512D Control Actuator

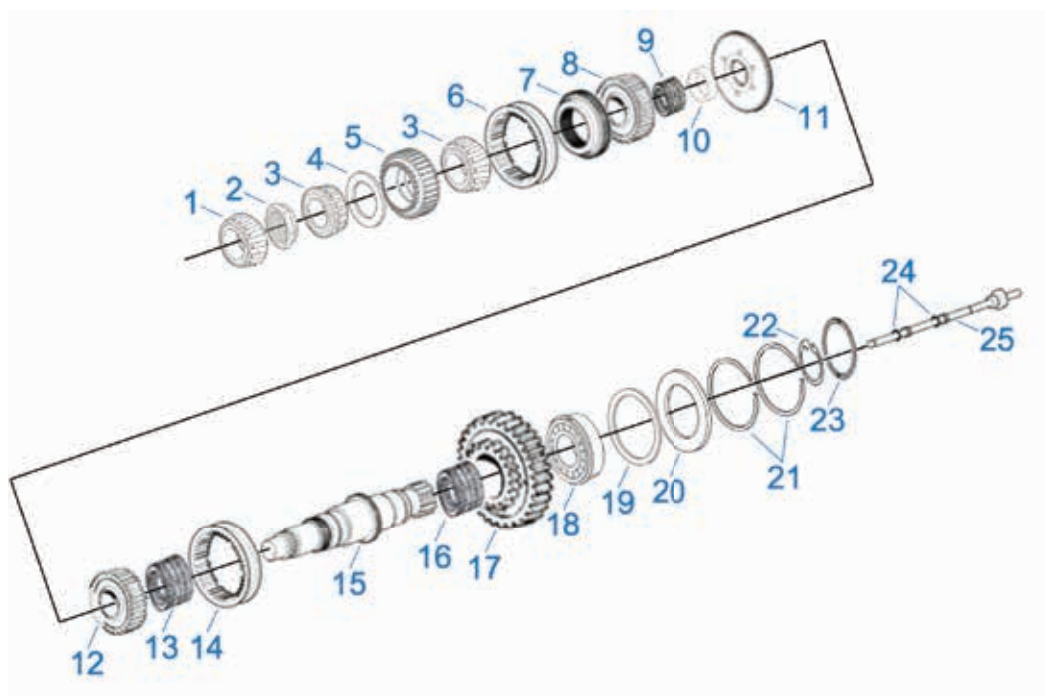
Item	Part Number	Industry Number	Description	Qty	Notes
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20	EAIS20562631	20562631	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25	EAIS21512541	21512541	Shift Fork	1	Type A
25		21678722	Shift Fork	1	Type B
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28	EAIS20845917	20845917	Stop Bracket	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	New Type
30	EAIS8171137	8171137	Gasket	1	Old Type
31	EAIS21068286	21068286	Pressure Sensor Repair Kit	1	
32	EAIS22117441	22117441	Cable Harness Kit	1	
32	EAIS22176325	22176325	Cable Harness Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730
11, 13, 14, 19, 26	EAIS20562628	20562628	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20542598
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	Contains Sliding Pad 20859730

I-Shift/mDRIVE™ AT2412E Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20854441	20854441	Gear -31 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
8	EAIS20771702	20771702	Input Shaft -358.50 mm	1	
8	EAIS22392450	22392450	Input Shaft -358.50 mm	1	
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10, 11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10, 11, 12	EAIS21671426C	21671426	Synchro Kit	1	
10, 11, 12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ AT2412E Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

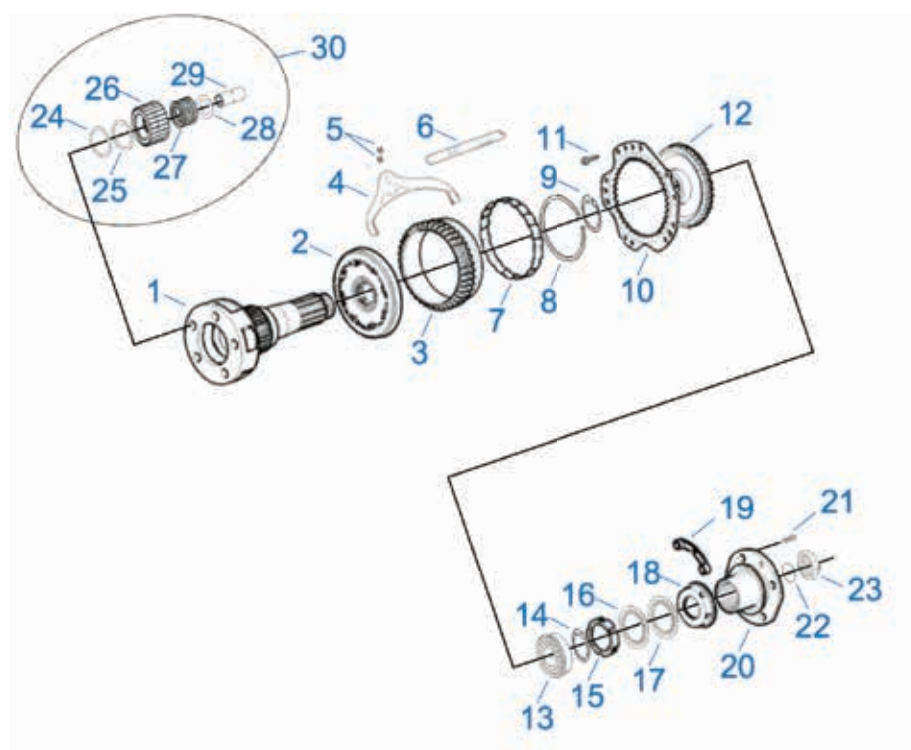
I-Shift/mDRIVE™ AT2412E Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20739229	20739229	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	

I-Shift/mDRIVE™ AT2412E Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ AT2412E Planetary Carrier

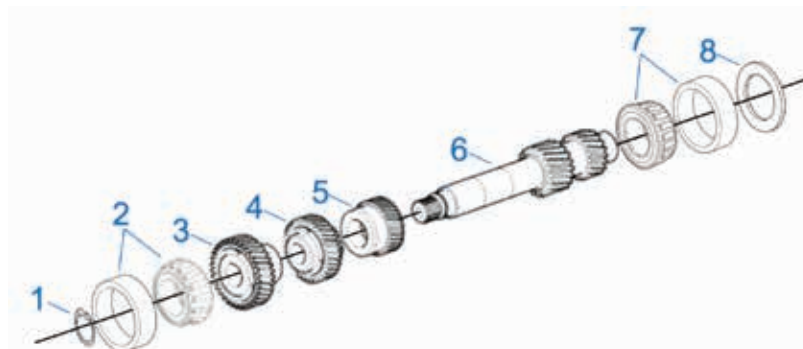


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ AT2412E Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust washer	10	
25		20483600	Thrust washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ AT2412E Counter Shaft

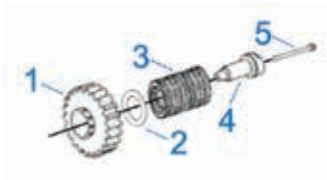


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21626061	21626061	Bearing -60x110x29.75 mm	1	
3	EAIS20854437	20854437	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544787	20544787	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ AT2412E Counter Shaft

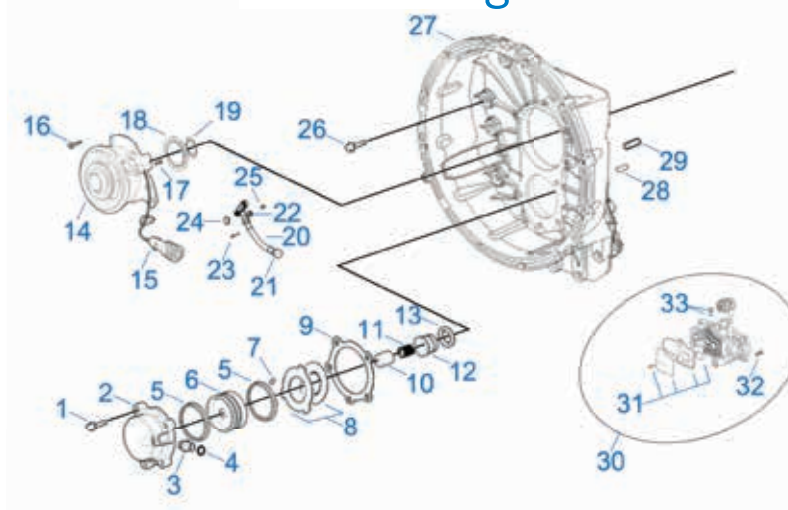
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ **AT2412E** Reverse Idler



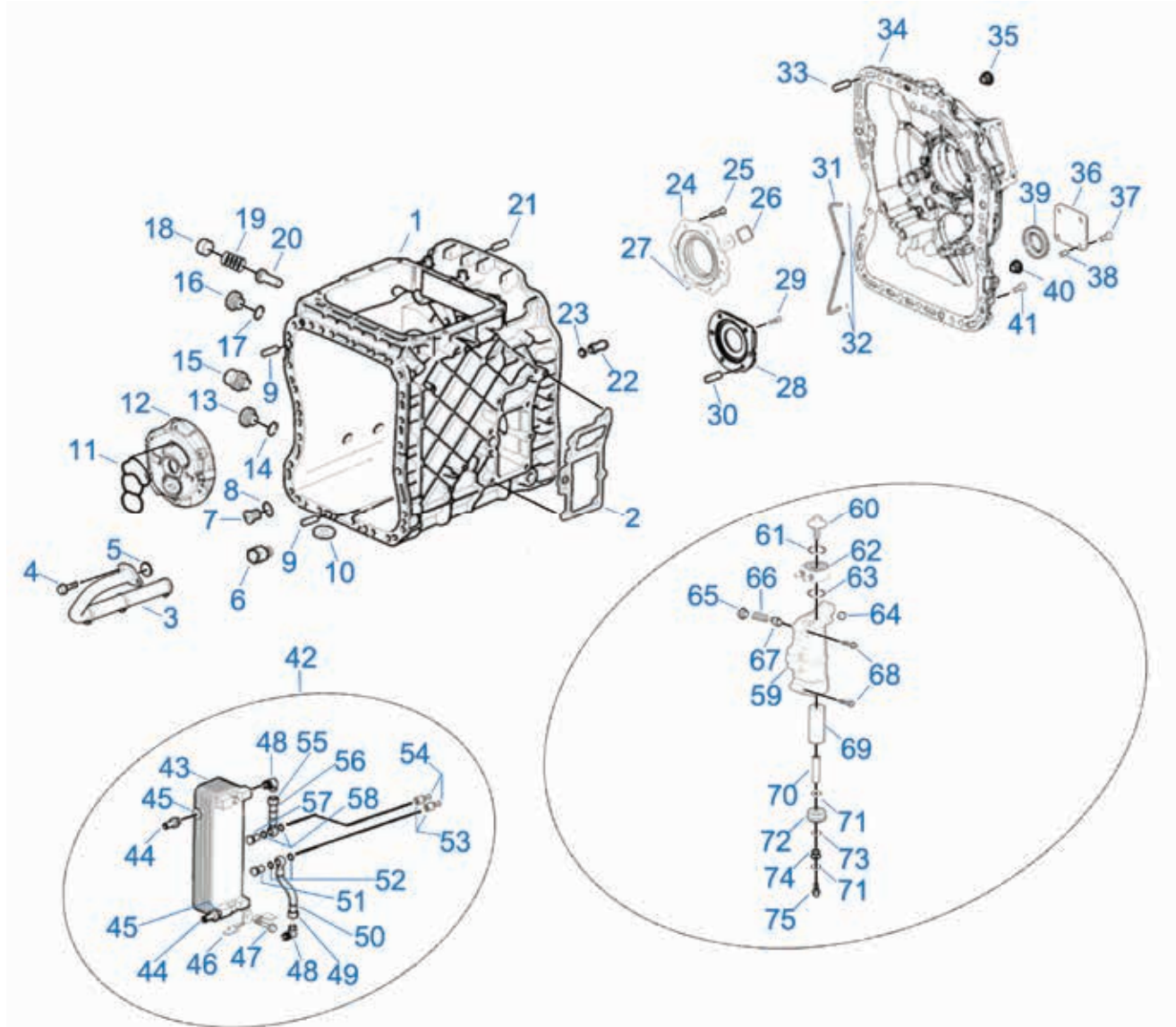
Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ AT2412E Front Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	22429963	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679939	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22317072	22317072	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ AT2412E Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
		21550882	Rear Housing Kit	1	
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	Type A
4		994271	Screw	2	Type A
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	Type A
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	

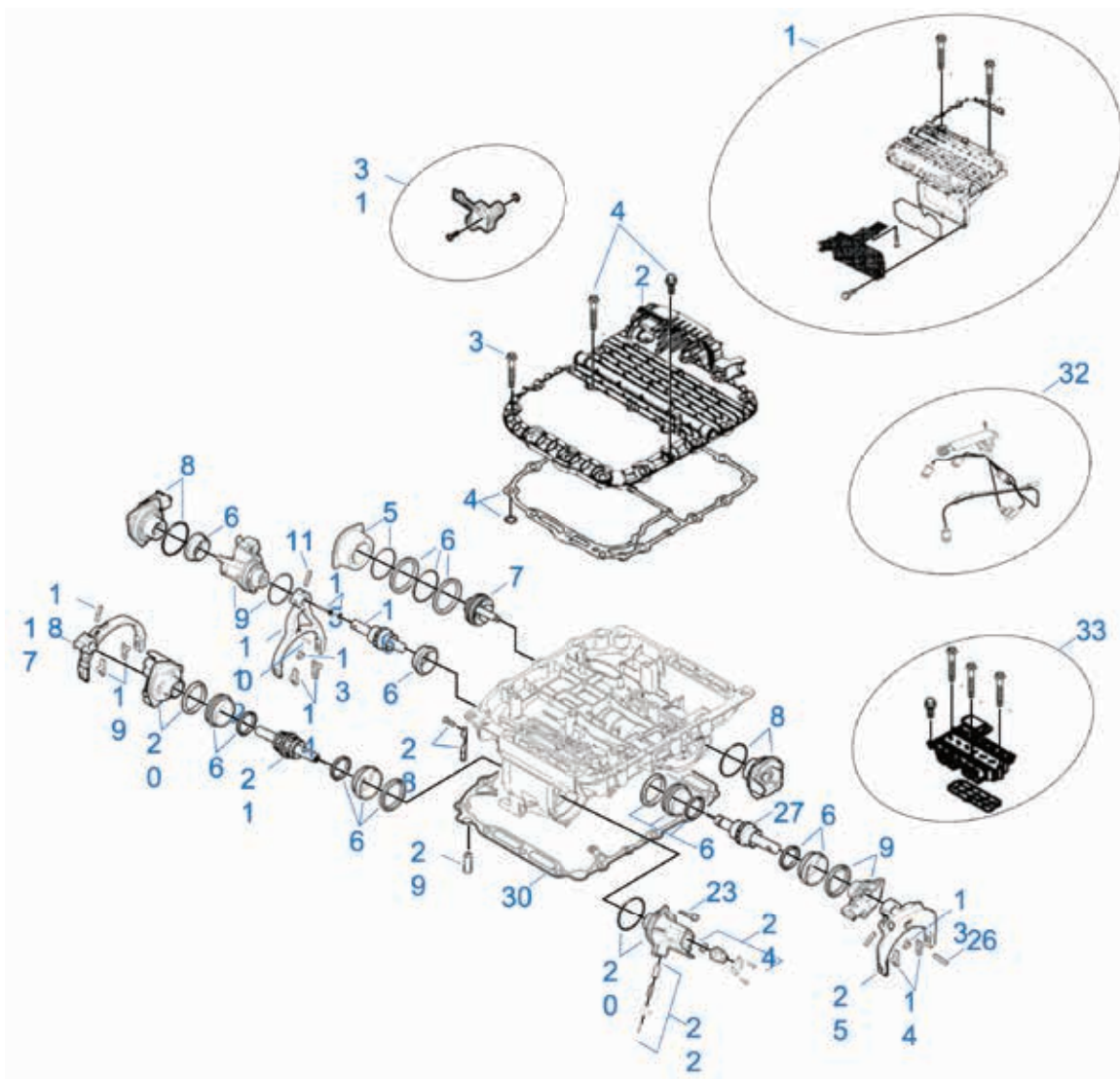
I-Shift/mDRIVE™ AT2412E Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21629020	21629020	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
31		21376703	Oil Tube	1	
32		976029	O-Ring	2	
33		21176267	Dowel Pin	3	
34		21392880	Rear Housing	1	Single Power - With Retarder
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
49-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	
55-58		22429384	Tube	1	

I-Shift/mDRIVE™ AT2412D Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ AT2412E Control Actuator

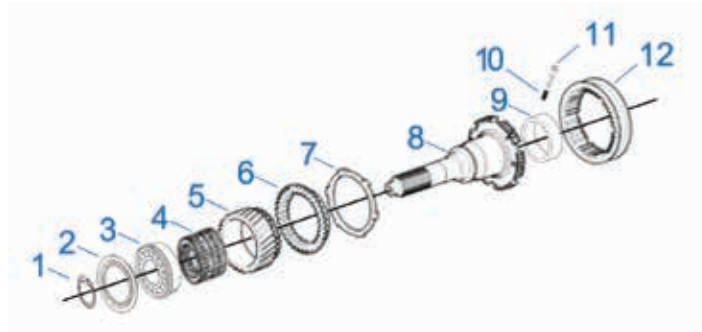


Item	Part Number	Industry Number	Description	Qty	Notes
		22780685	Control Actuator - Complete	1	
		21911582	Control Actuator - Kit	1	
1	EAIS22242764	22242764	Connection Support Kit	1	
2		21911579	Upper Cover	1	
3		20534545	Screw	14	
4	EAIS21911585	21911585	Gasket Kit	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS21911592	21911592	Covers Kit	1	
9	EAIS21911596	21911596	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	

I-Shift/mDRIVE™ AT2412E Control Actuator

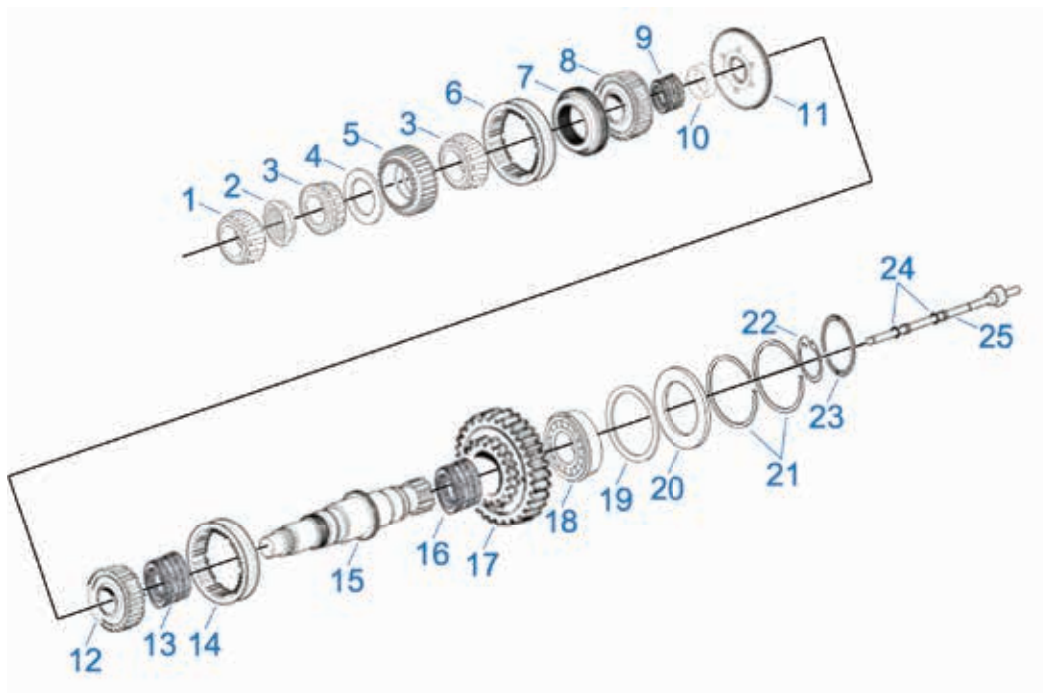
Item	Part Number	Industry Number	Description	Qty	Notes
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20		21911591	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25		21678722	Shift Fork	1	
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28		22242766	Plate	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	
31		22242765	Sensors Kit	1	
32	EAIS21911586	21911586	Cable Harness Kit	1	
33	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ AT2612E Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20854441	20854441	Gear -31 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS20771700	20771700	Input Shaft -358.50 mm	1	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	
8	EAIS22358444	22358444	Input Shaft -358.50 mm	1	
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10, 11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10, 11, 12	EAIS21671426C	21671426	Synchro Kit	1	
10, 11, 12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ AT2612E Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

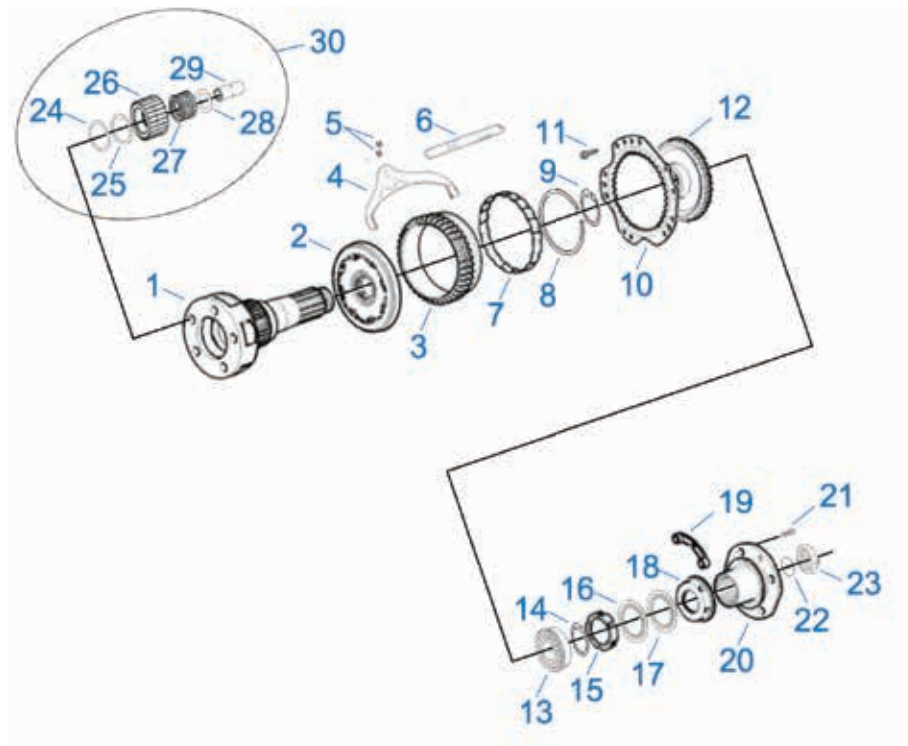
I-Shift/mDRIVE™ AT2612E Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	

I-Shift/mDRIVE™ AT2612E Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ AT2612E Planetary Carrier

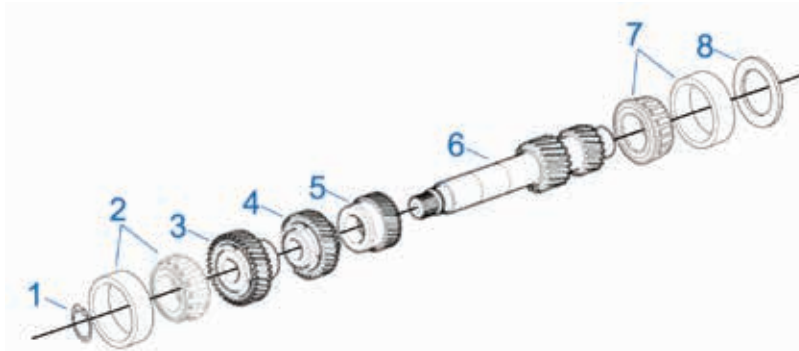


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ AT2612E Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust washer	10	
25		20483600	Thrust washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ AT2612E Counter Shaft

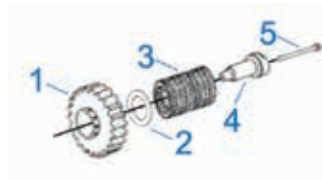


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
3	EAIS20854437	20854437	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	20544785	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ AT2612E Counter Shaft

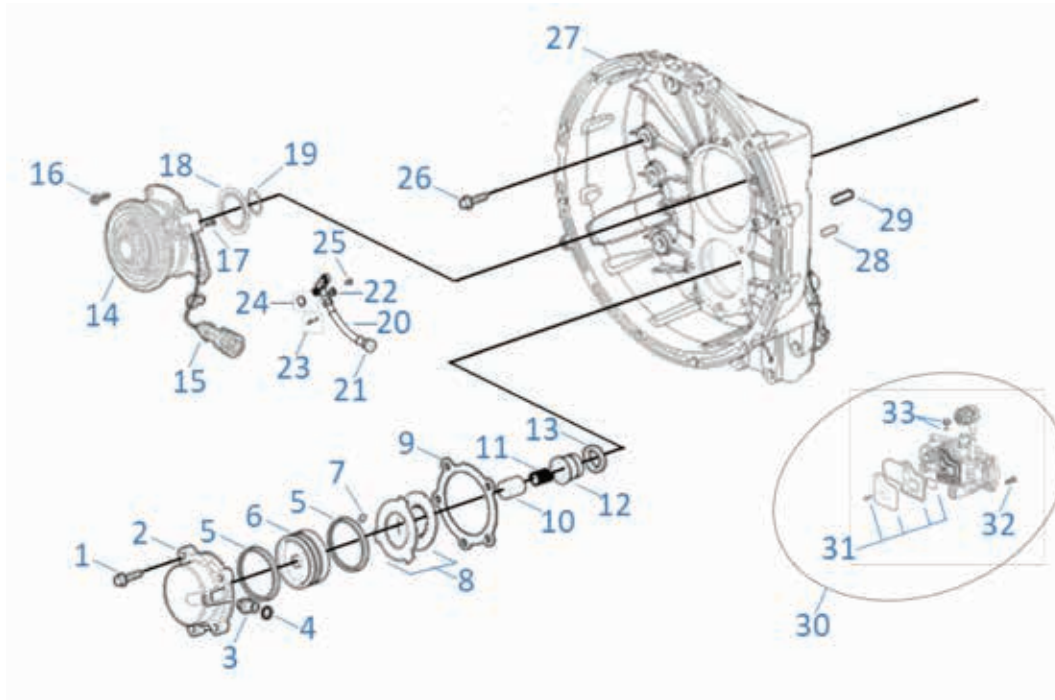
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ AT2612E Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ AT2612E Front Housing

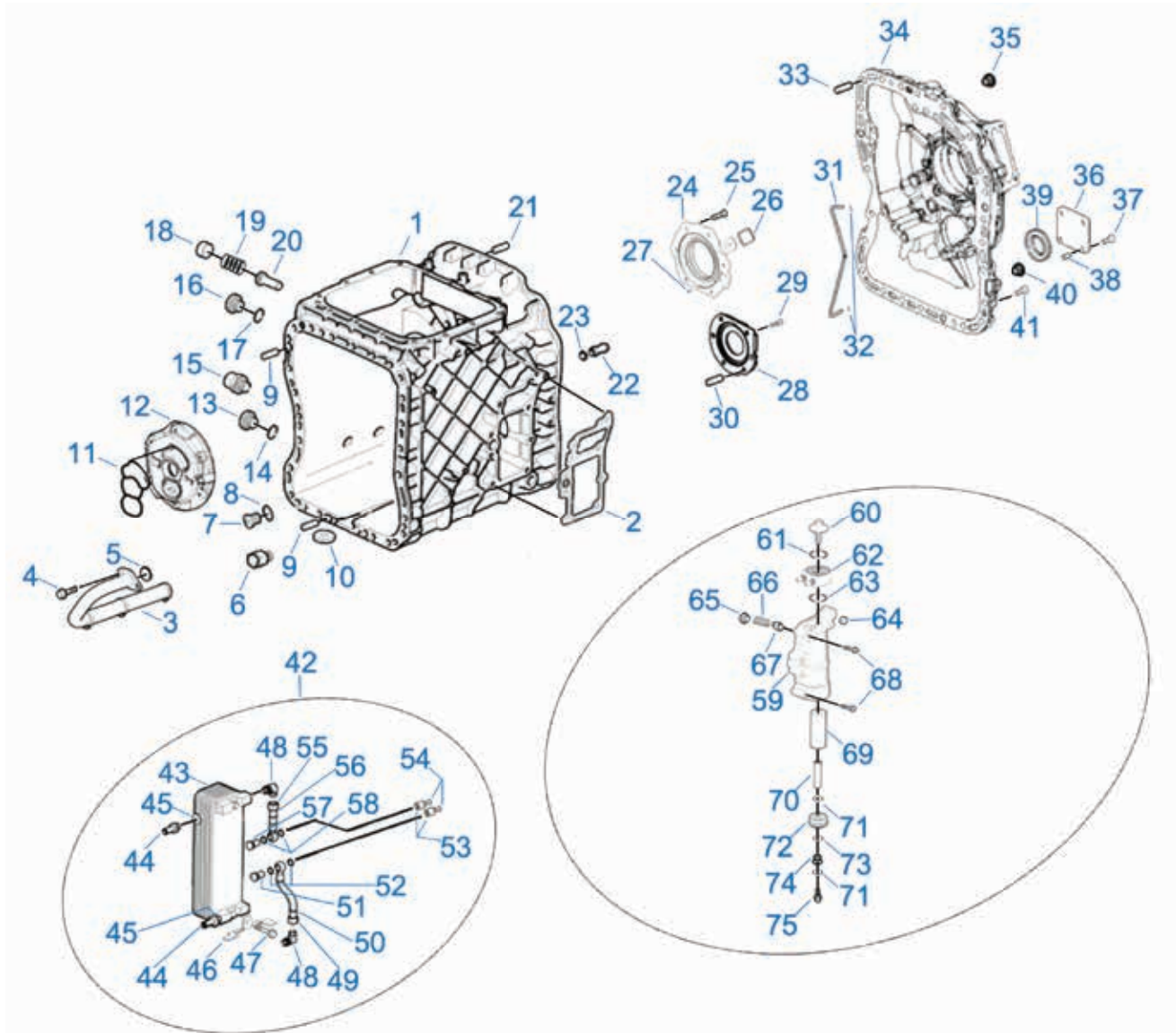


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	22429963	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ AT2612E Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679941	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22317072	22317072	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ AT2612E Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
		21550882	Rear Housing Kit	1	
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	Type A
4		994271	Screw	2	Type A
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	Type A
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	

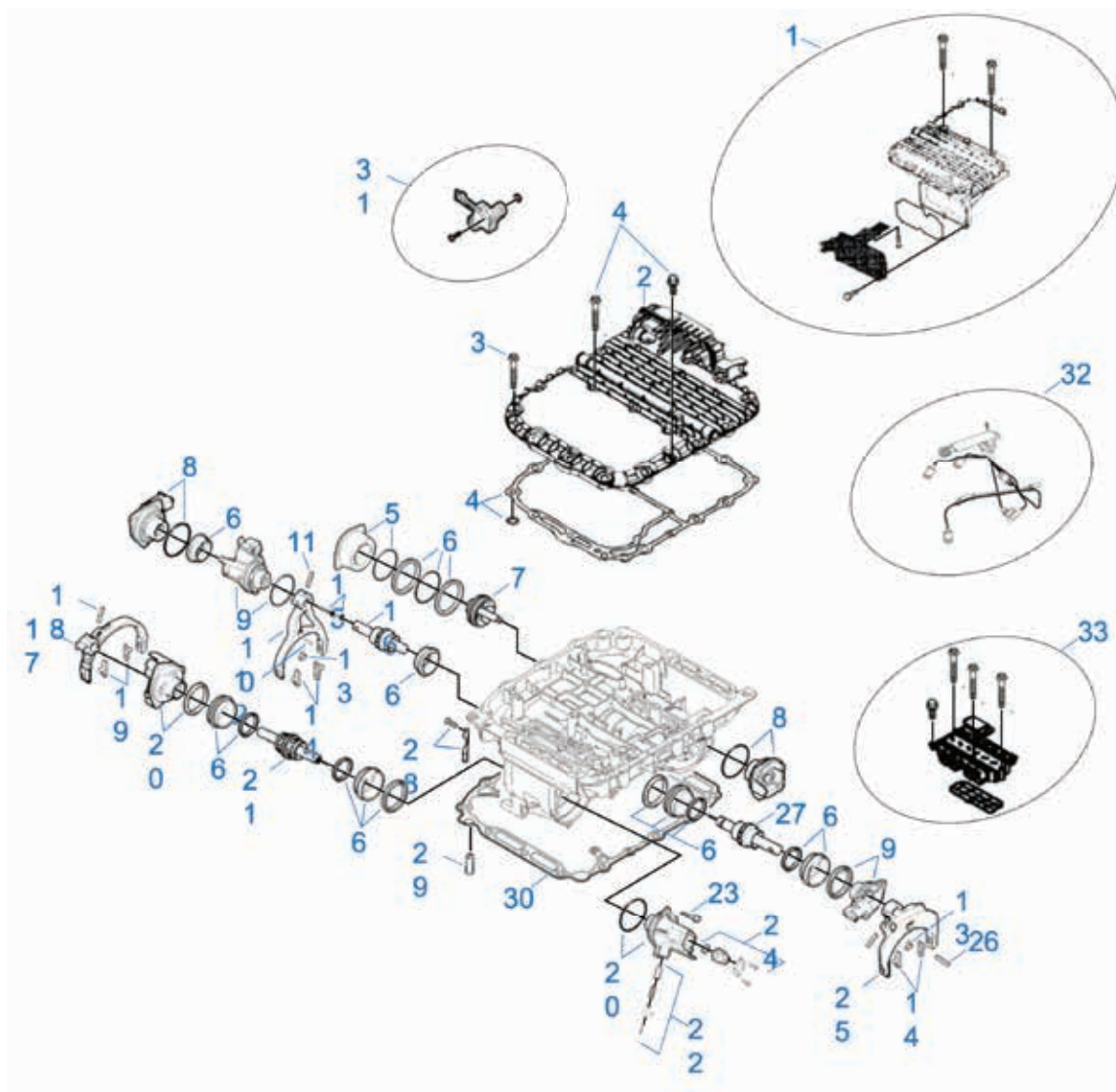
I-Shift/mDRIVE™ AT2612E Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
17		977005	Gasket	1	
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21629020	21629020	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
31		21376703	Oil Tube	1	
32		976029	O-Ring	2	
33		21176267	Dowel Pin	3	
34		21392880	Rear Housing	1	Single Power - With Retarder
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
49-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	

I-Shift/mDRIVE™ AT2612E Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
55-58		22429384	Tube	1	
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ AT2612E Control Actuator

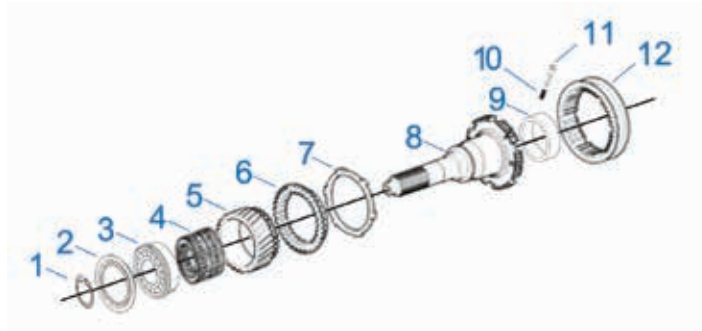


Item	Part Number	Industry Number	Description	Qty	Notes
		22780685	Control Actuator - Complete	1	
		21911582	Control Actuator - Kit	1	
1	EAIS22242764	22242764	Connection Support Kit	1	
2		21911579	Upper Cover	1	
3		20534545	Screw	14	
4	EAIS21911585	21911585	Gasket Kit	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS21911592	21911592	Covers Kit	1	
9	EAIS21911596	21911596	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	

I-Shift/mDRIVE™ AT2612E Control Actuator

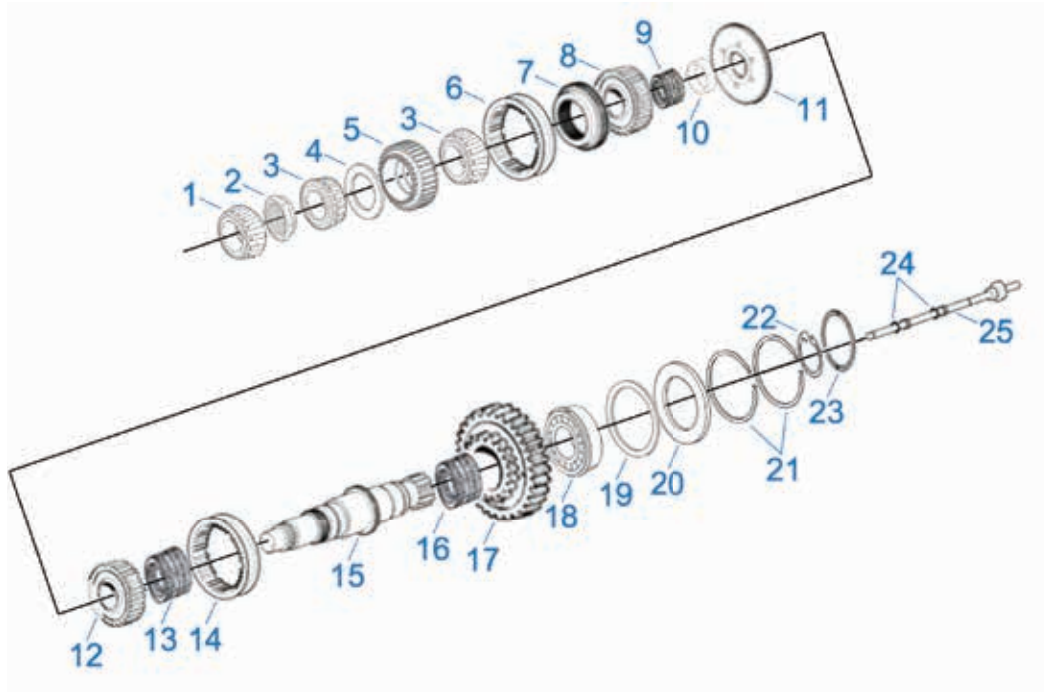
Item	Part Number	Industry Number	Description	Qty	Notes
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20		21911591	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25		21678722	Shift Fork	1	
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28		22242766	Plate	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	
31		22242765	Sensors Kit	1	
32	EAIS21911586	21911586	Cable Harness Kit	1	
33	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ AT2812E Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20854441	20854441	Gear -31 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS20771700	20771700	Input Shaft -358.50 mm	1	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	
8	EAIS22358444	22358444	Input Shaft -358.50 mm	1	
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10, 11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10, 11, 12	EAIS21671426C	21671426	Synchro Kit	1	
10, 11, 12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ AT2812E Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

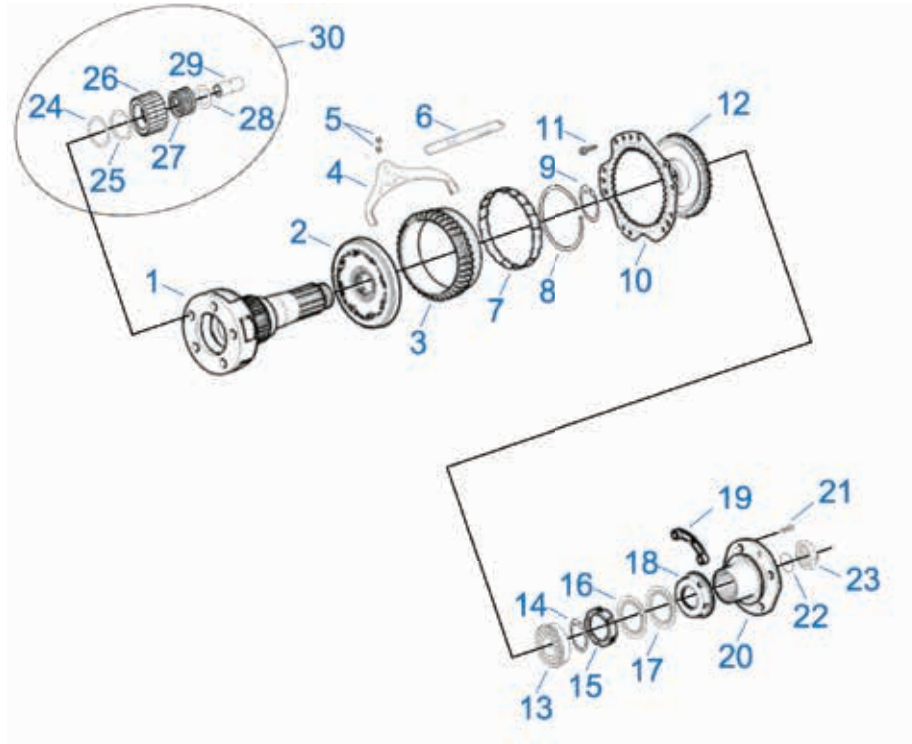
I-Shift/mDRIVE™ AT2812E Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	

I-Shift/mDRIVE™ AT2812E Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ AT2812E Planetary Carrier

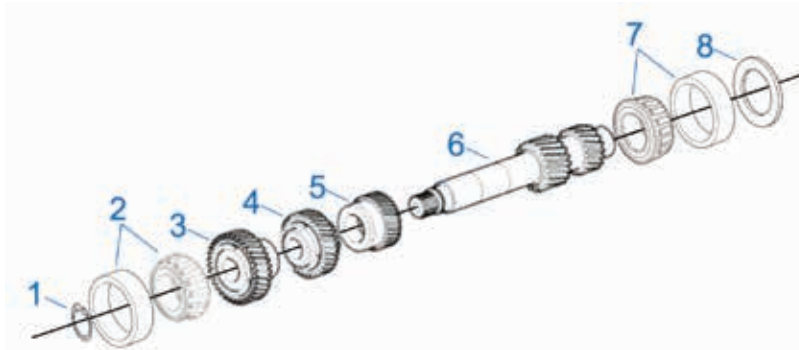


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ AT2812E Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust washer	10	
25		20483600	Thrust washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ AT2812E Counter Shaft

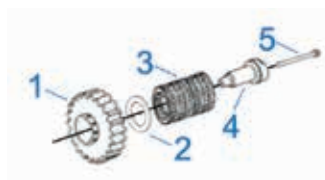


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
3	EAIS20854437	20854437	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	20544785	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ AT2812E Counter Shaft

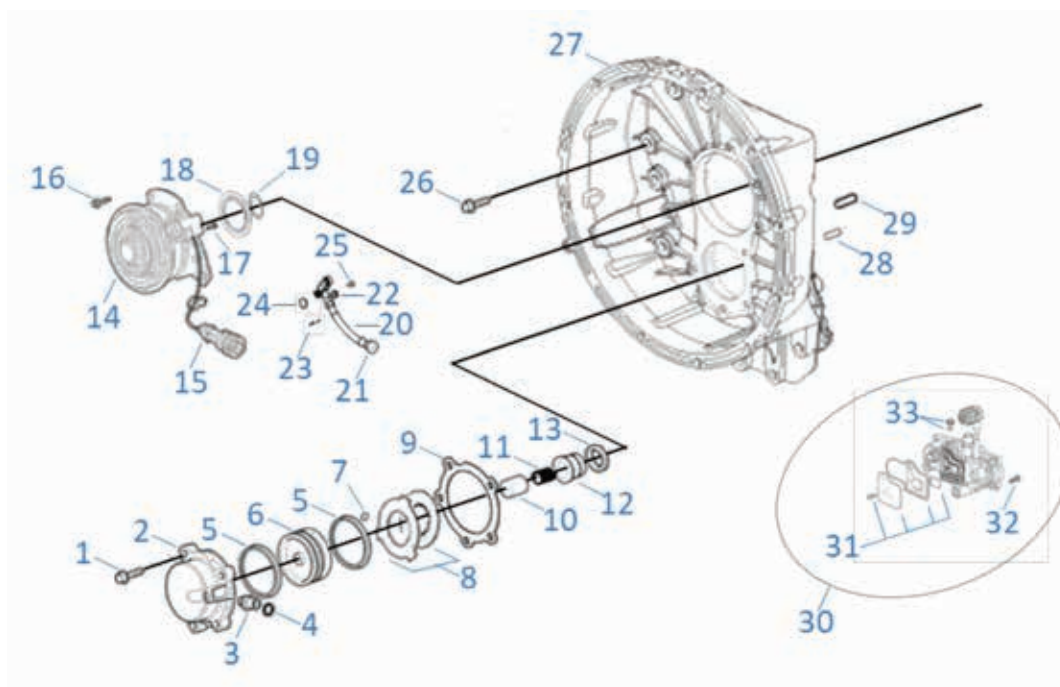
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ AT2812E Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ AT2812E Front Housing

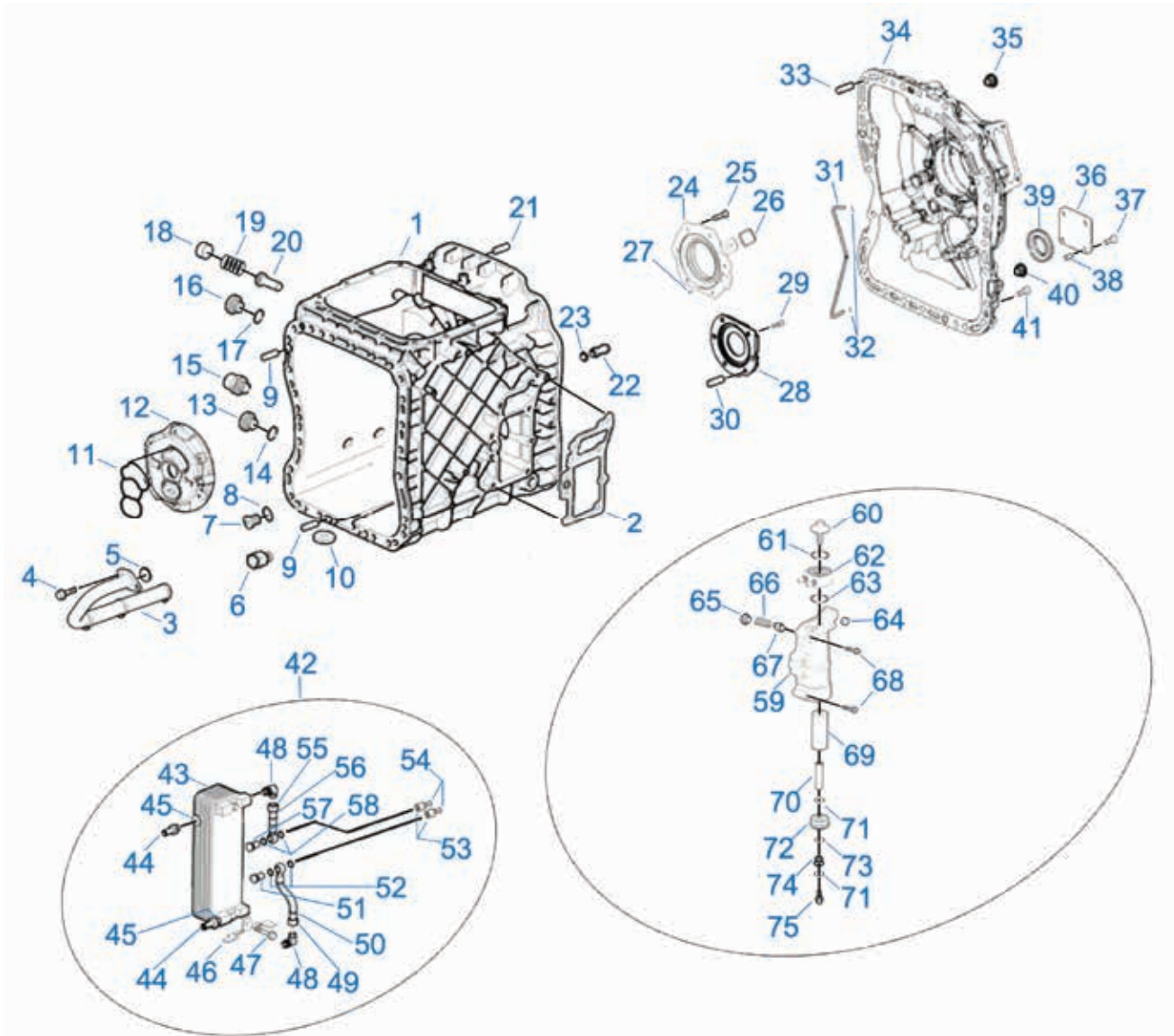


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	22429963	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ AT2812E Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679941	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22317072	22317072	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ AT2812E Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
		21550882	Rear Housing Kit	1	
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	Type A
4		994271	Screw	2	Type A
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	Type A
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	

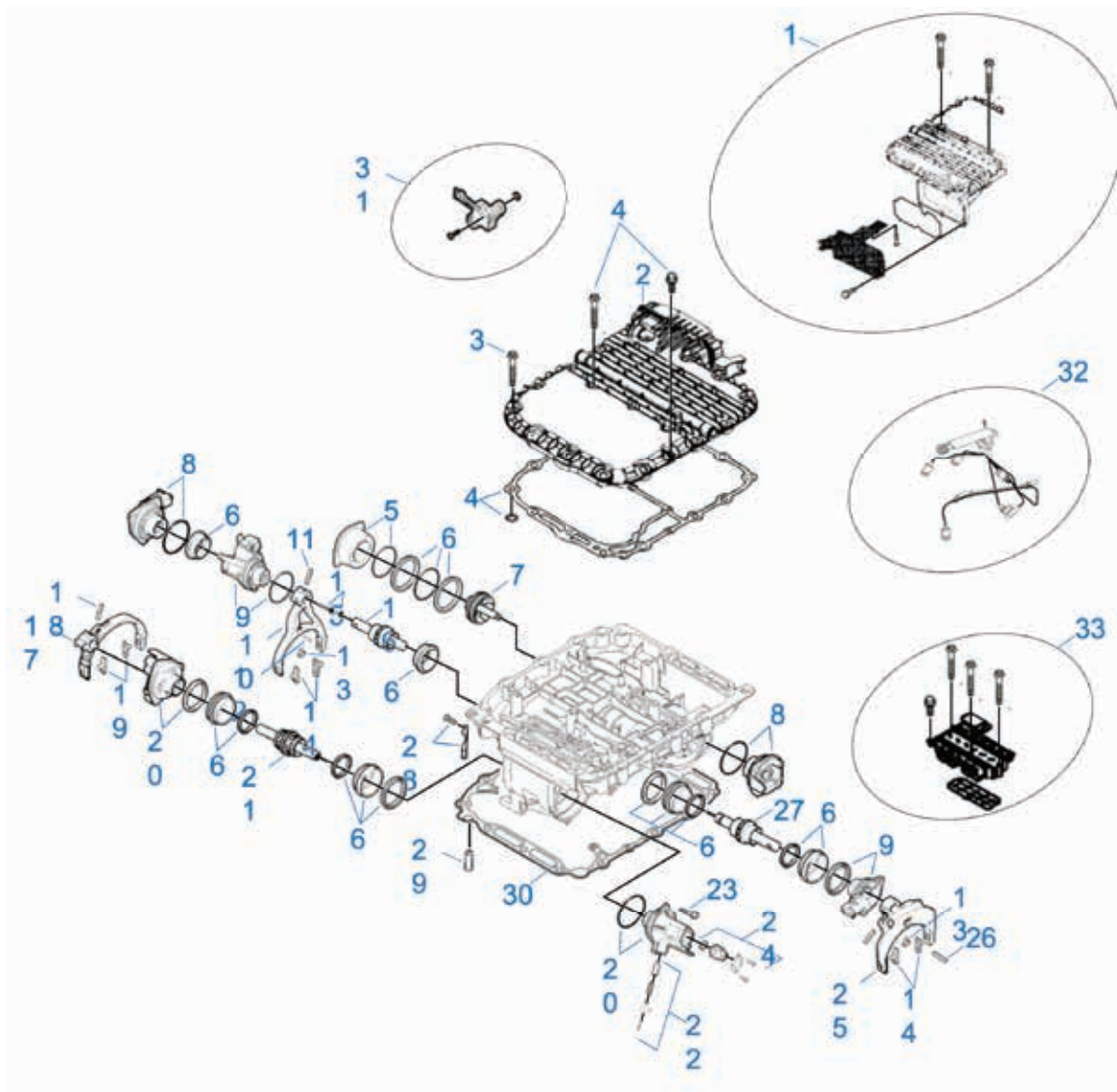
I-Shift/mDRIVE™ AT2812E Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
17		977005	Gasket	1	
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21629020	21629020	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
31		21376703	Oil Tube	1	
32		976029	O-Ring	2	
33		21176267	Dowel Pin	3	
34		21392880	Rear Housing	1	Single Power - With Retarder
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
49-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	
55-58		22429384	Tube	1	

I-Shift/mDRIVE™ AT2812E Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ AT2812E Control Actuator

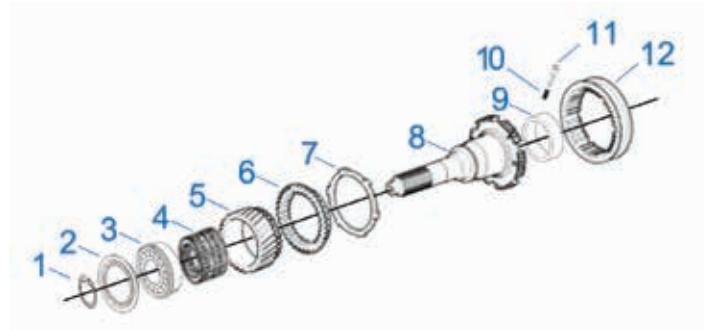


Item	Part Number	Industry Number	Description	Qty	Notes
		22780685	Control Actuator - Complete	1	
		21911582	Control Actuator - Kit	1	
1	EAIS22242764	22242764	Connection Support Kit	1	
2		21911579	Upper Cover	1	
3		20534545	Screw	14	
4	EAIS21911585	21911585	Gasket Kit	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS21911592	21911592	Covers Kit	1	
9	EAIS21911596	21911596	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	

I-Shift/mDRIVE™ AT2812E Control Actuator

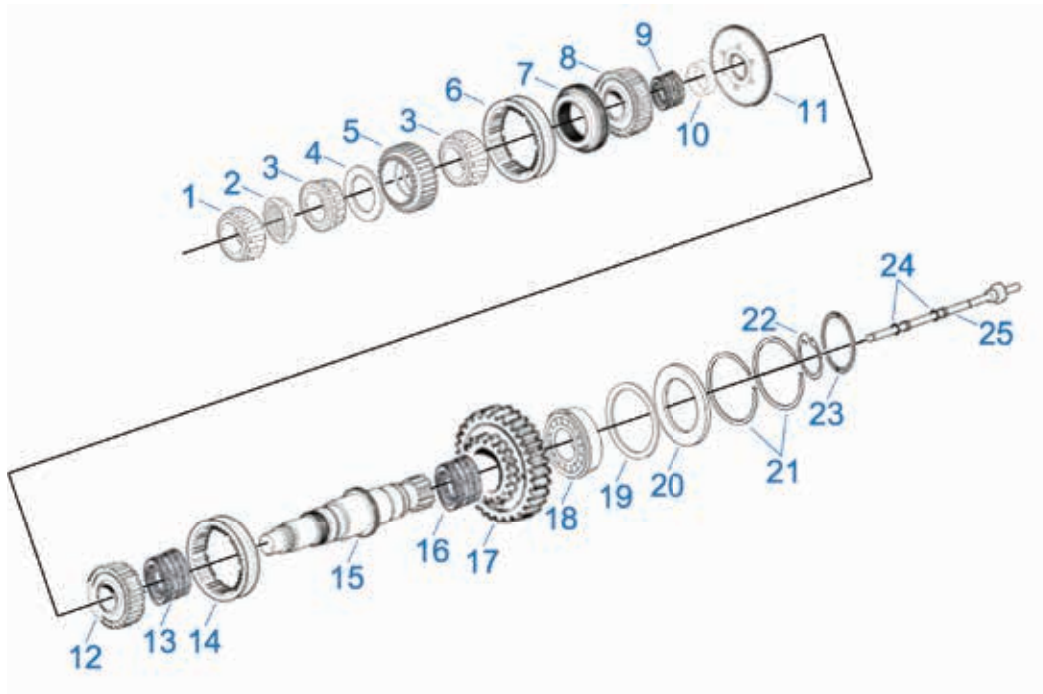
Item	Part Number	Industry Number	Description	Qty	Notes
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20		21911591	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25		21678722	Shift Fork	1	
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28		22242766	Plate	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	
31		22242765	Sensors Kit	1	
32	EAIS21911586	21911586	Cable Harness Kit	1	
33	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ ATO2612E Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626063	21626063	Bearing -85x150x30.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776790	20776790	Gear -40 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS20771702	20771702	Input Shaft -358.50 mm	1	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	
8	EAIS22392450	22392450	Input Shaft -358.50 mm	1	
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10, 11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10, 11, 12	EAIS21671426C	21671426	Synchro Kit	1	
10, 11, 12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ ATO2612E Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

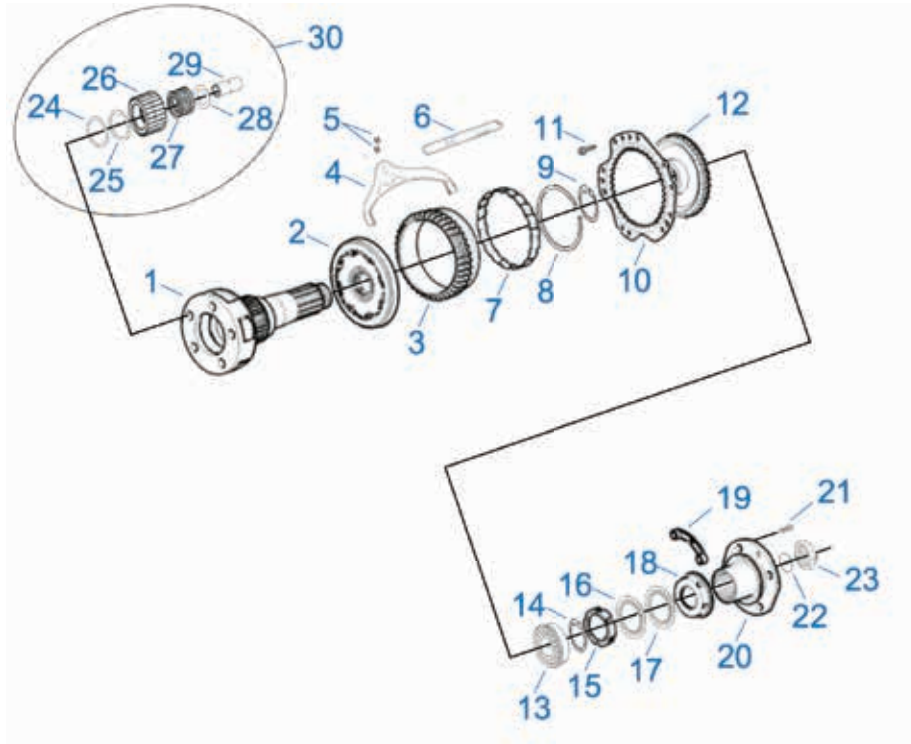
I-Shift/mDRIVE™ ATO2612E Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20739229	20739229	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	

I-Shift/mDRIVE™ ATO2612E Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ ATO2612E Planetary Carrier

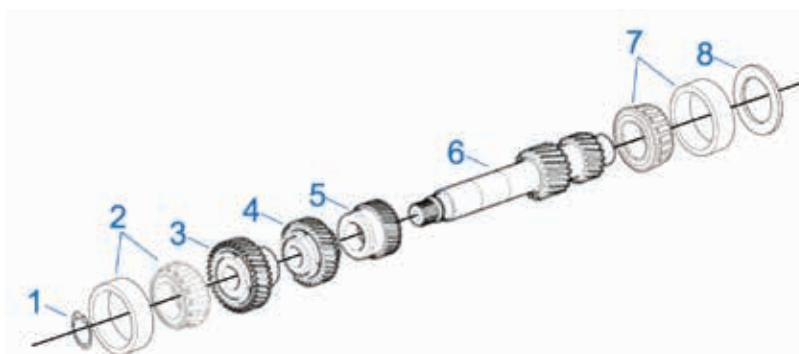


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ ATO2612E Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust washer	10	
25		20483600	Thrust washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ ATO2612E Counter Shaft

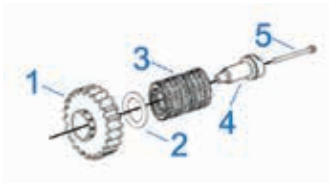


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21626061	21626061	Bearing -60x110x29.75 mm	1	
3	EAIS20483432	20483432	Gear -35 T		
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544787	20544787	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ ATO2612E Counter Shaft

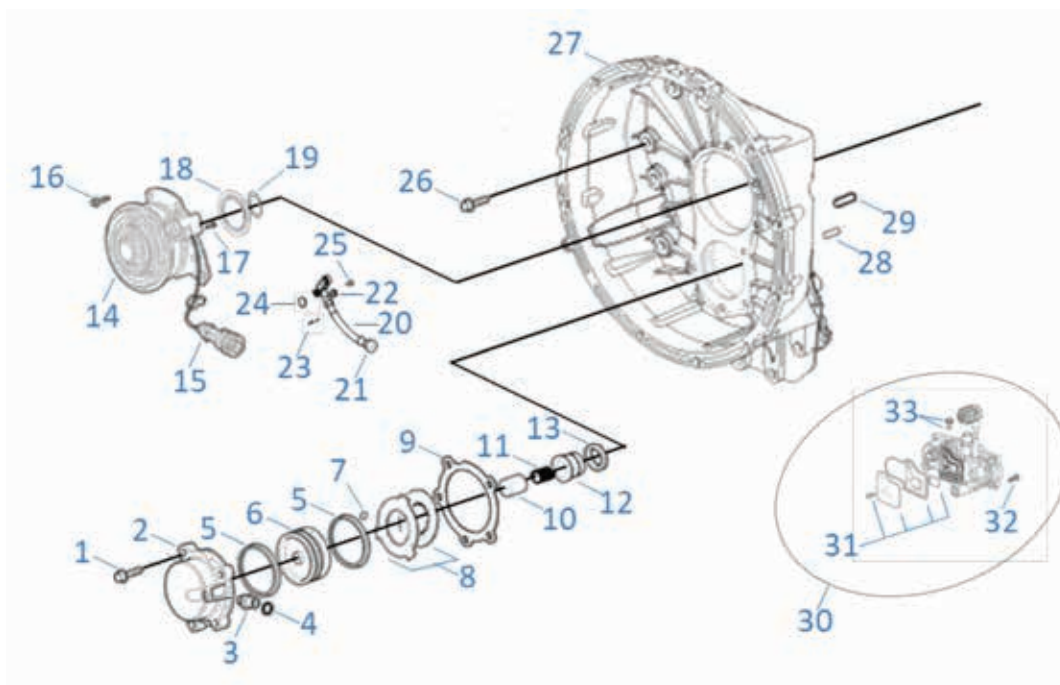
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ ATO2612E Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ ATO2612E Front Housing

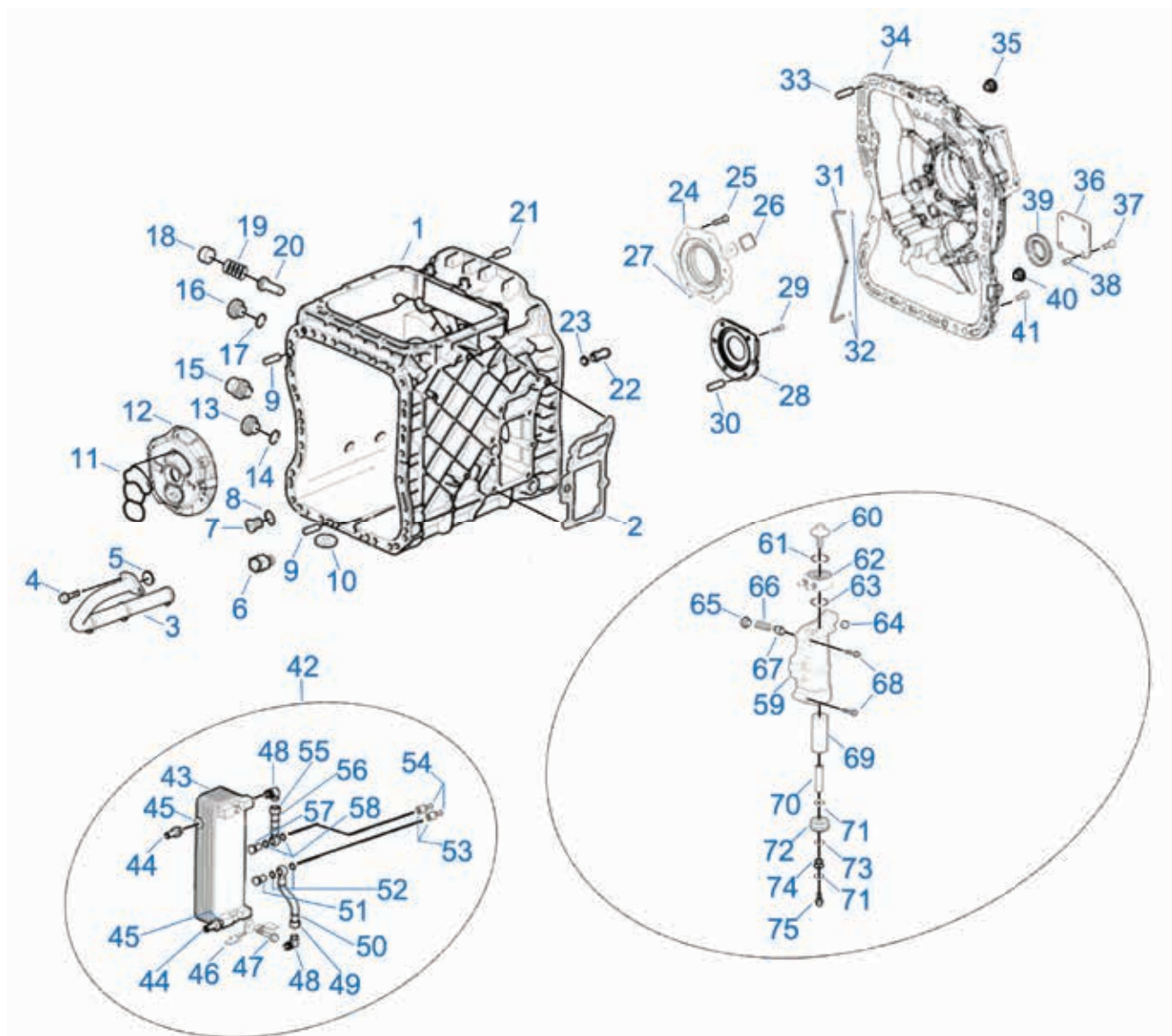


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	22429963	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ ATO2612E Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679941	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22317072	22317072	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ ATO2612E Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
		21550885	Rear Housing Kit	1	
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	Type A
4		994271	Screw	2	Type A
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	Type A
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	

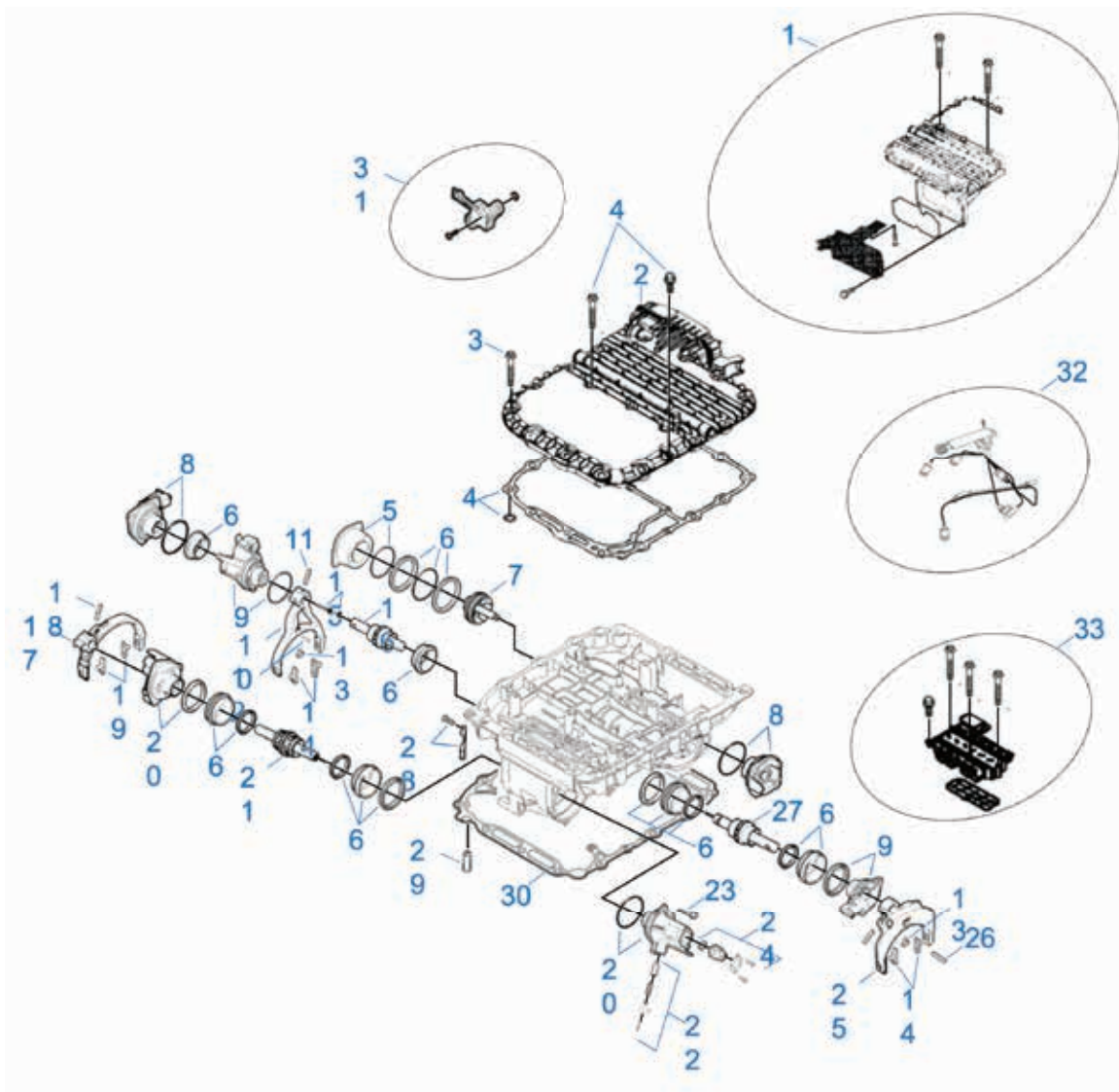
I-Shift/mDRIVE™ ATO2612E Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
17		977005	Gasket	1	
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21636544	21636544	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
31		21376703	Oil Tube	1	
32		976029	O-Ring	2	
33		21176267	Dowel Pin	3	
34		21392880	Rear Housing	1	Single Power - With Retarder
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
49-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	
55-58		22429384	Tube	1	

I-Shift/mDRIVE™ ATO2612E Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ ATO2612E Control Actuator

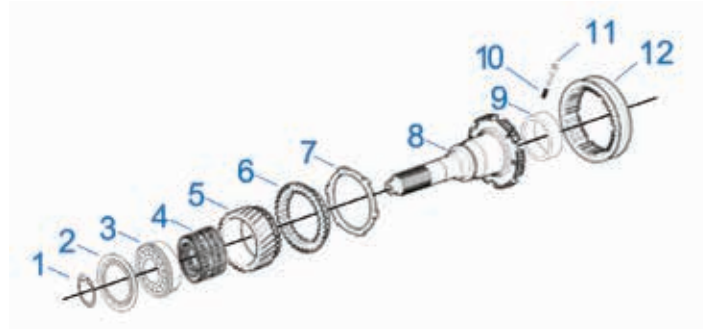


Item	Part Number	Industry Number	Description	Qty	Notes
		22780685	Control Actuator - Complete	1	
		21911582	Control Actuator - Kit	1	
1	EAIS22242764	22242764	Connection Support Kit	1	
2		21911579	Upper Cover	1	
3		20534545	Screw	14	
4	EAIS21911585	21911585	Gasket Kit	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS21911592	21911592	Covers Kit	1	
9	EAIS21911596	21911596	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	

I-Shift/mDRIVE™ ATO2612E Control Actuator

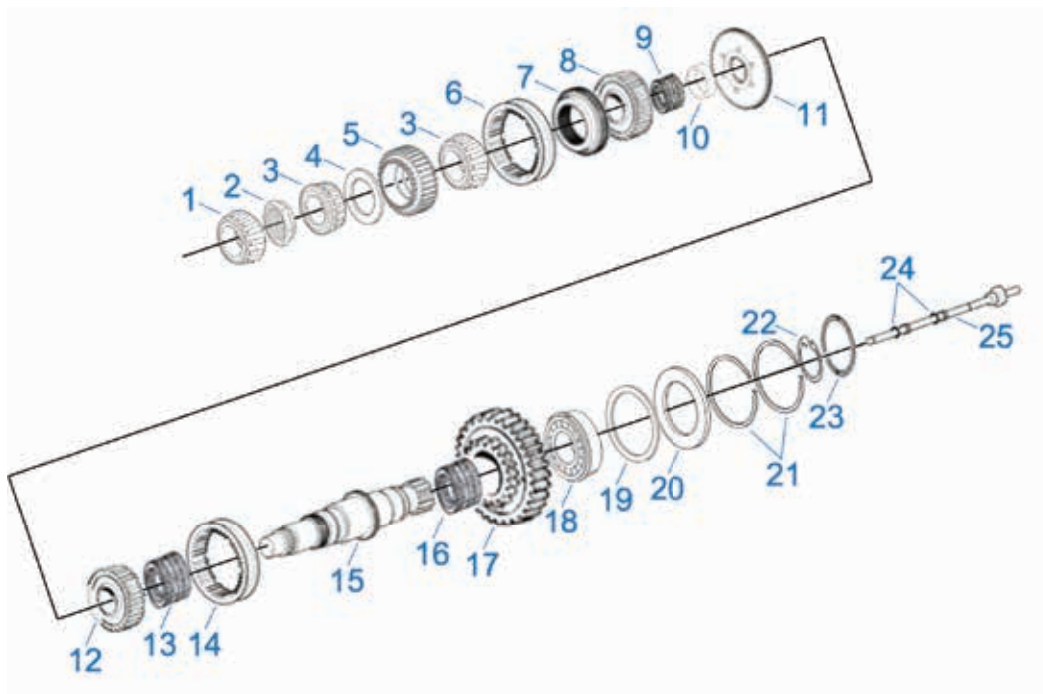
Item	Part Number	Industry Number	Description	Qty	Notes
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20		21911591	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25		21678722	Shift Fork	1	
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28		22242766	Plate	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	
31		22242765	Sensors Kit	1	
32	EAIS21911586	21911586	Cable Harness Kit	1	
33	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ ATO3112E Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776790	20776790	Gear -40 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS20771700	20771700	Input Shaft -358.50 mm	1	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	
8	EAIS22358444	22358444	Input Shaft -358.50 mm	1	
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10, 11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10, 11, 12	EAIS21671426C	21671426	Synchro Kit	1	
10, 11, 12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ ATO3112E Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

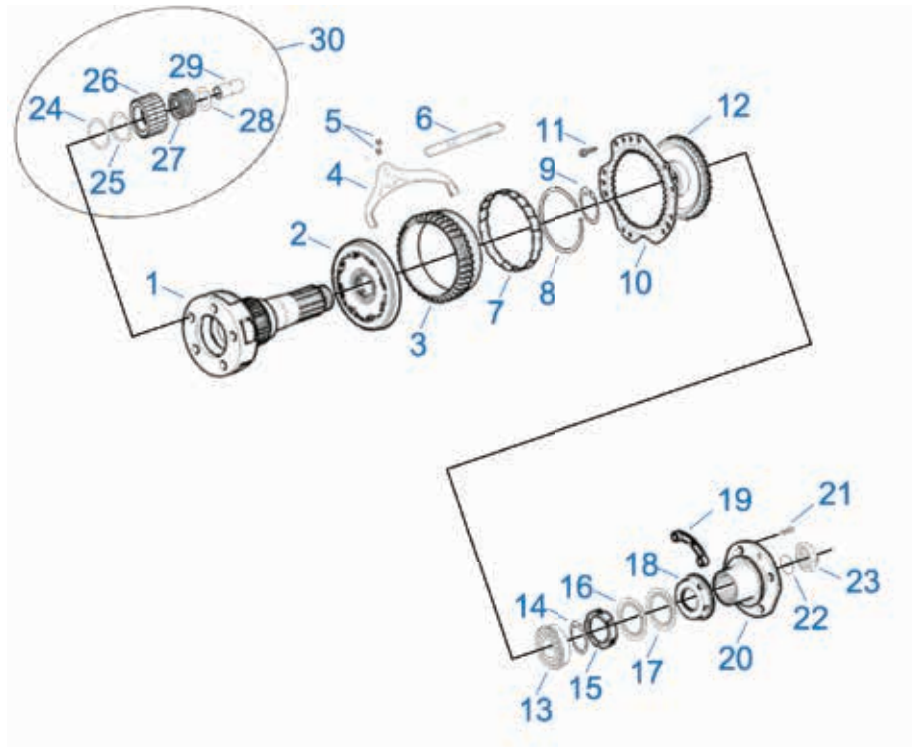
I-Shift/mDRIVE™ ATO3112E Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	

I-Shift/mDRIVE™ ATO3112E Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ ATO3112E Planetary Carrier

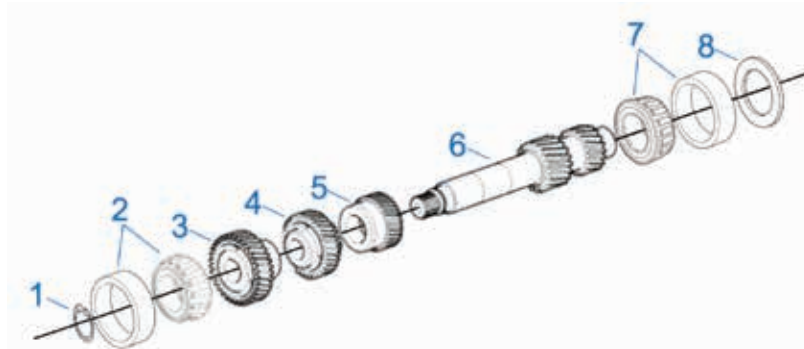


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ ATO3112E Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust washer	10	
25		20483600	Thrust washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ ATO3112E Counter Shaft

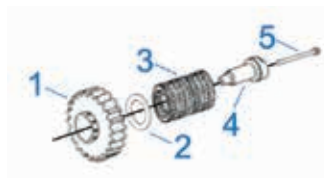


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
3	EAIS20483432	20483432	Gear -35 T		
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	20544785	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ ATO3112E Counter Shaft

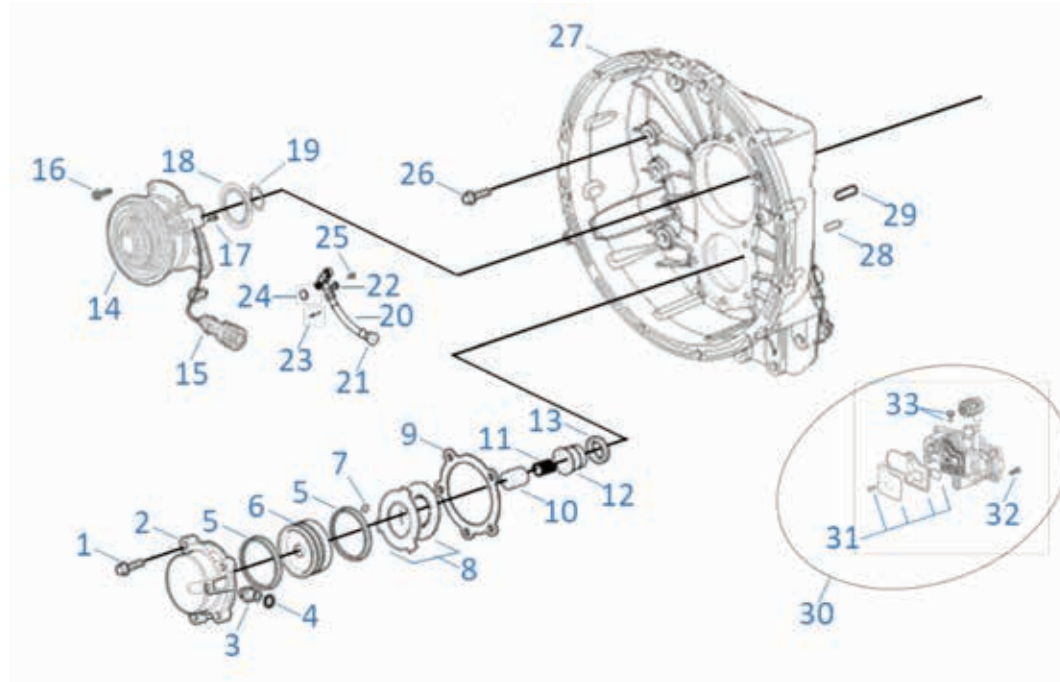
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ ATO3112E Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ ATO3112E Front Housing

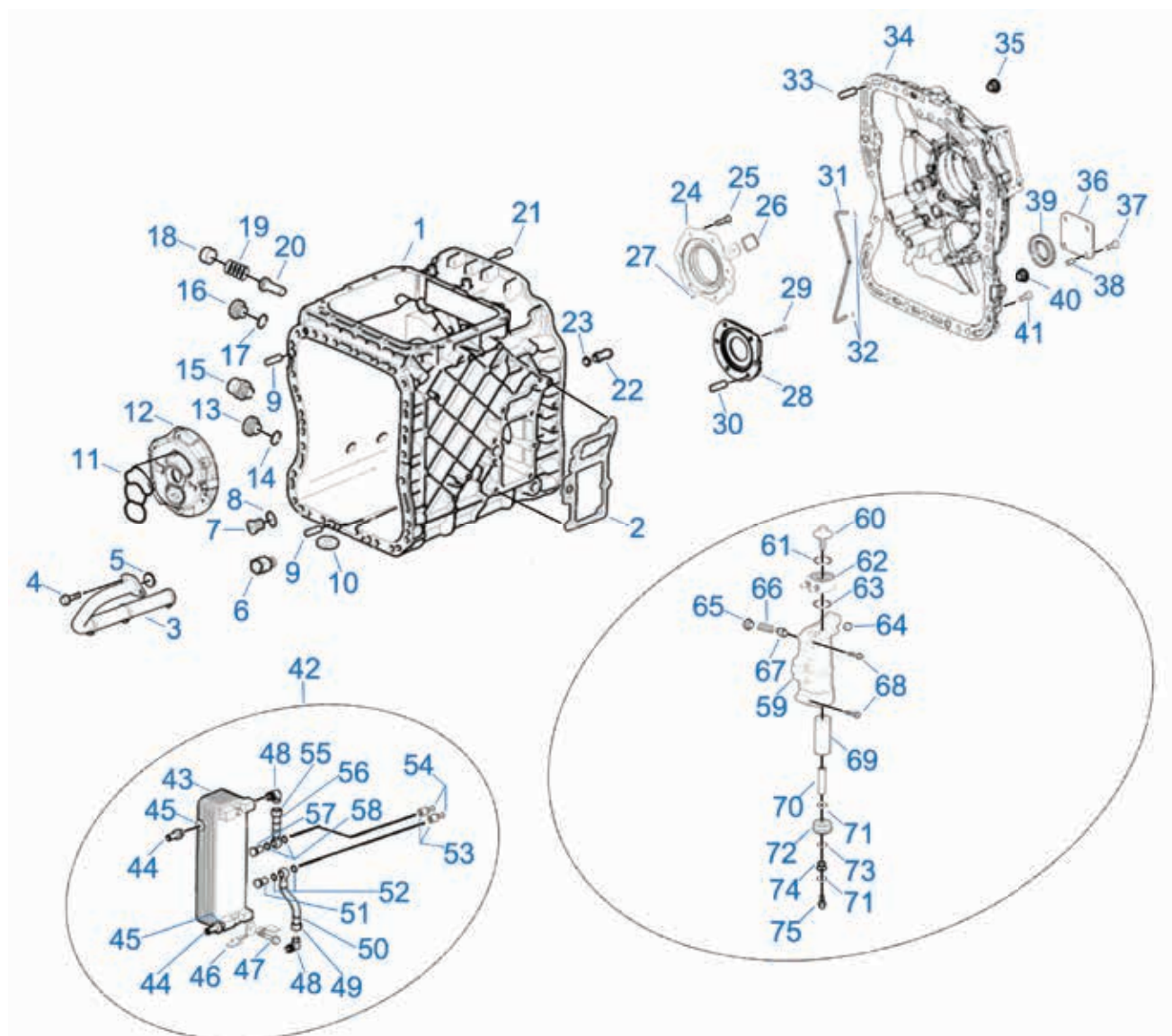


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	22429963	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ ATO3112E Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679941	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22317072	22317072	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ ATO3112E Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
		21550885	Rear Housing Kit	1	
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	Type A
4		994271	Screw	2	Type A
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	Type A
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	

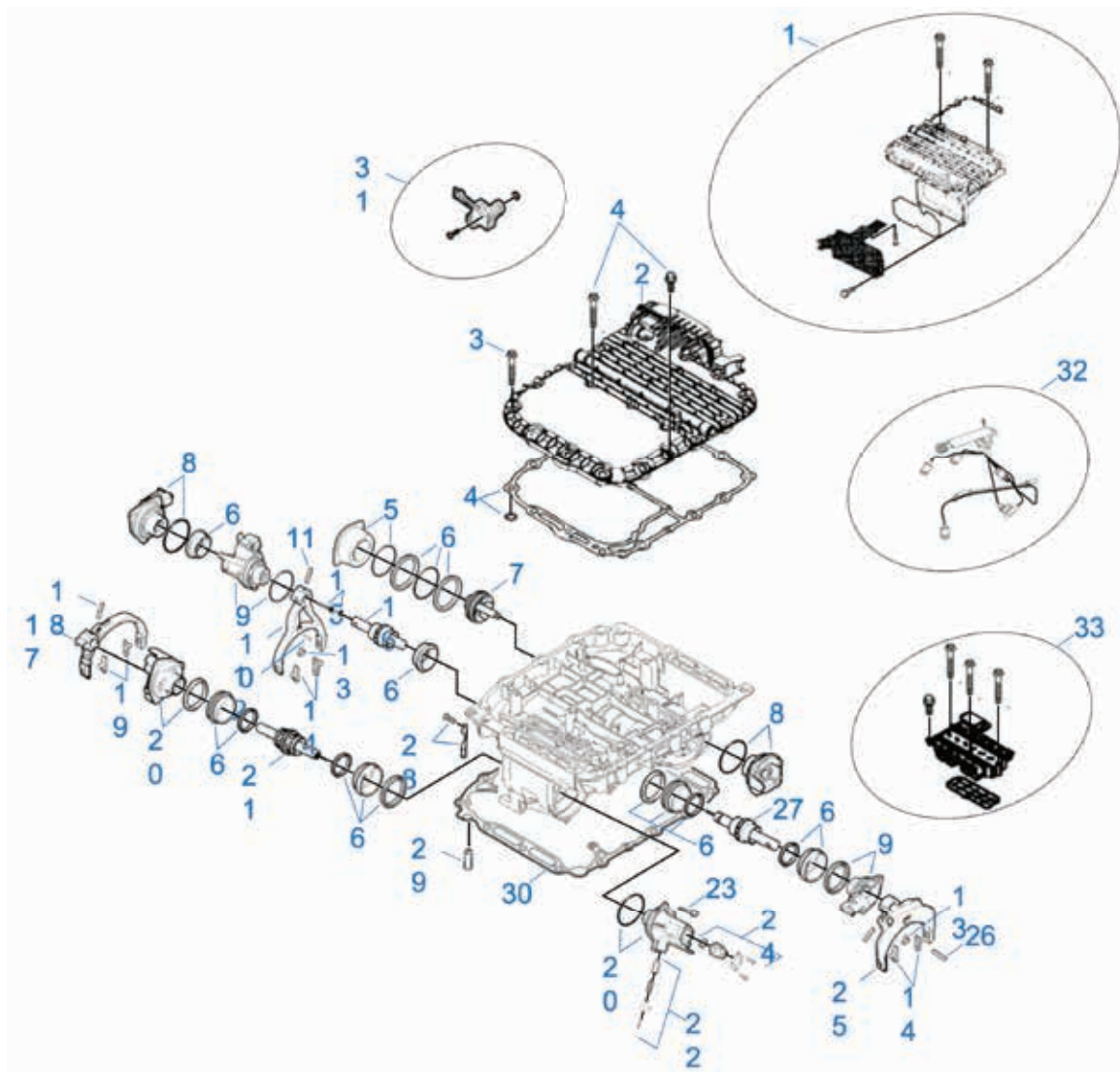
I-Shift/mDRIVE™ ATO3112E Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
17		977005	Gasket	1	
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21636544	21636544	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
31		21376703	Oil Tube	1	
32		976029	O-Ring	2	
33		21176267	Dowel Pin	3	
34		21392880	Rear Housing	1	Single Power - With Retarder
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
49-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	
55-58		22429384	Tube	1	

I-Shift/mDRIVE™ ATO3112E Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ ATO3112E Control Actuator

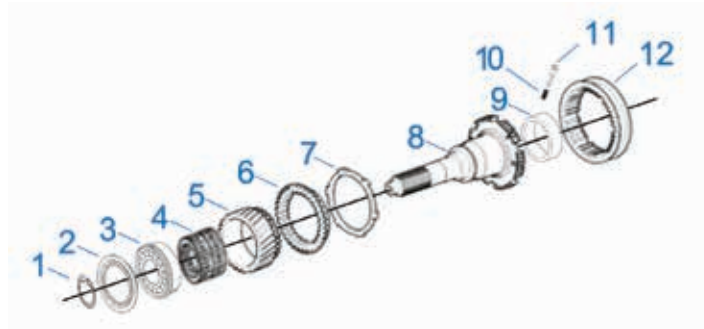


Item	Part Number	Industry Number	Description	Qty	Notes
		22780685	Control Actuator - Complete	1	
		21911582	Control Actuator - Kit	1	
1	EAIS22242764	22242764	Connection Support Kit	1	
2		21911579	Upper Cover	1	
3		20534545	Screw	14	
4	EAIS21911585	21911585	Gasket Kit	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS21911592	21911592	Covers Kit	1	
9	EAIS21911596	21911596	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	

I-Shift/mDRIVE™ ATO3112E Control Actuator

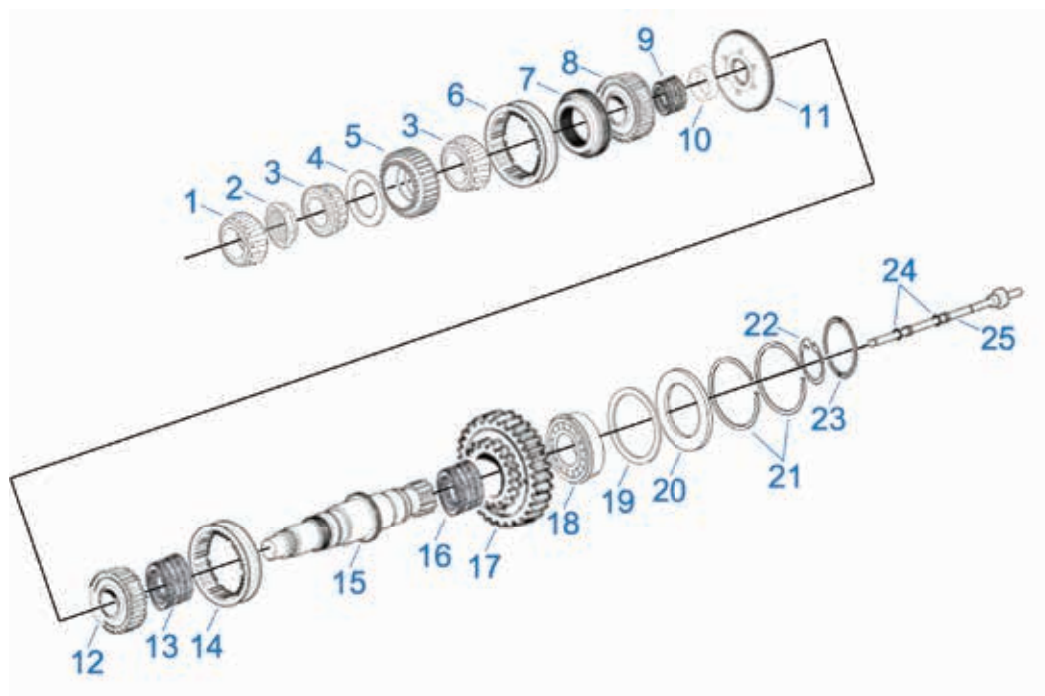
Item	Part Number	Industry Number	Description	Qty	Notes
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20		21911591	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25		21678722	Shift Fork	1	
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28		22242766	Plate	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	
31		22242765	Sensors Kit	1	
32	EAIS21911586	21911586	Cable Harness Kit	1	
33	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ ATO3512E Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776790	20776790	Gear -40 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS20771700	20771700	Input Shaft -358.50 mm	1	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	
8	EAIS22358444	22358444	Input Shaft -358.50 mm	1	
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10, 11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10, 11, 12	EAIS21671426C	21671426	Synchro Kit	1	
10, 11, 12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ ATO3512E Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

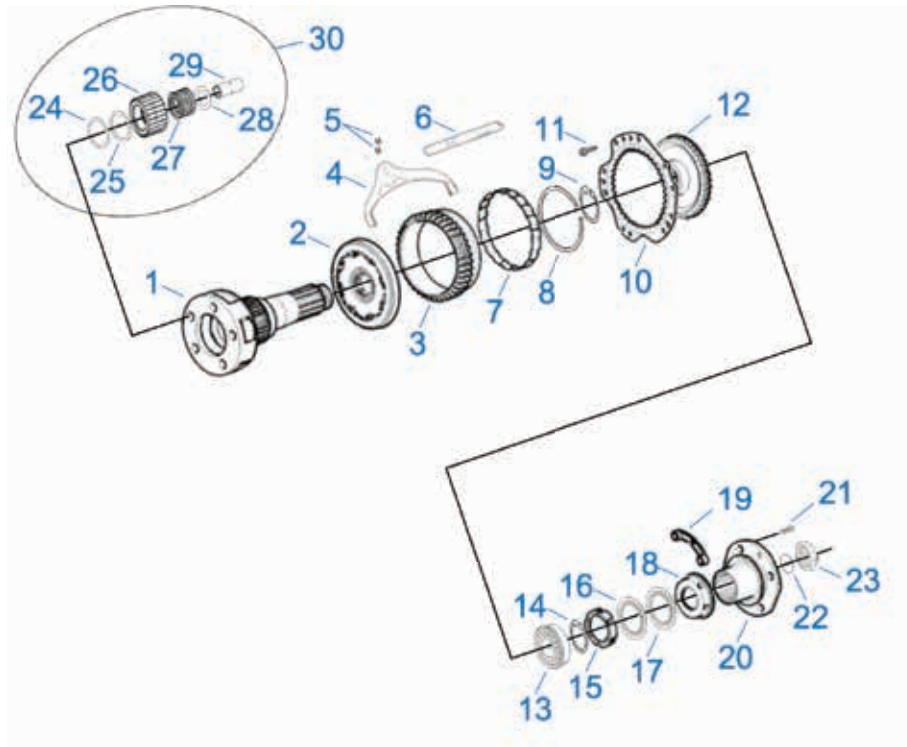
I-Shift/mDRIVE™ ATO3512E Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	

I-Shift/mDRIVE™ ATO3512E Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
19		25640768	Thrust Washer -2.42 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ ATO3512E Planetary Carrier

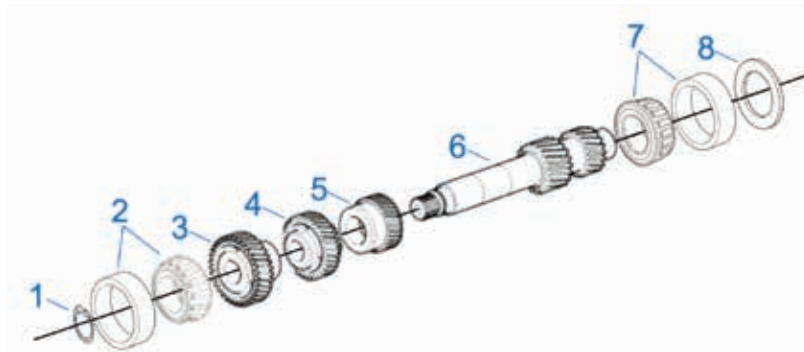


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ ATO3512E Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust washer	10	
25		20483600	Thrust washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ ATO3512E Counter Shaft

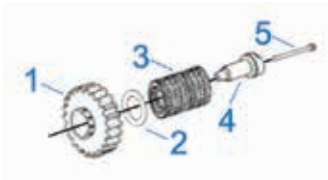


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
3	EAIS20483432	20483432	Gear -35 T		
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6	EAIS20544785	20544785	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ ATO3512E Counter Shaft

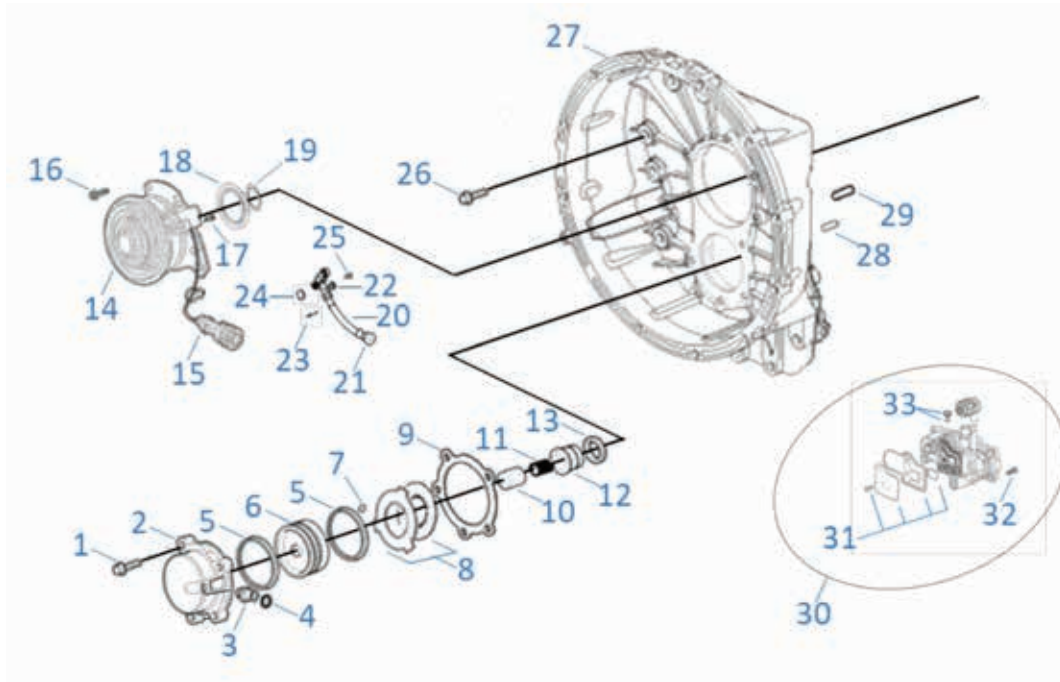
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ ATO3512E Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear -20 T	1	
2		20483575	Thrust washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ ATO3512E Front Housing

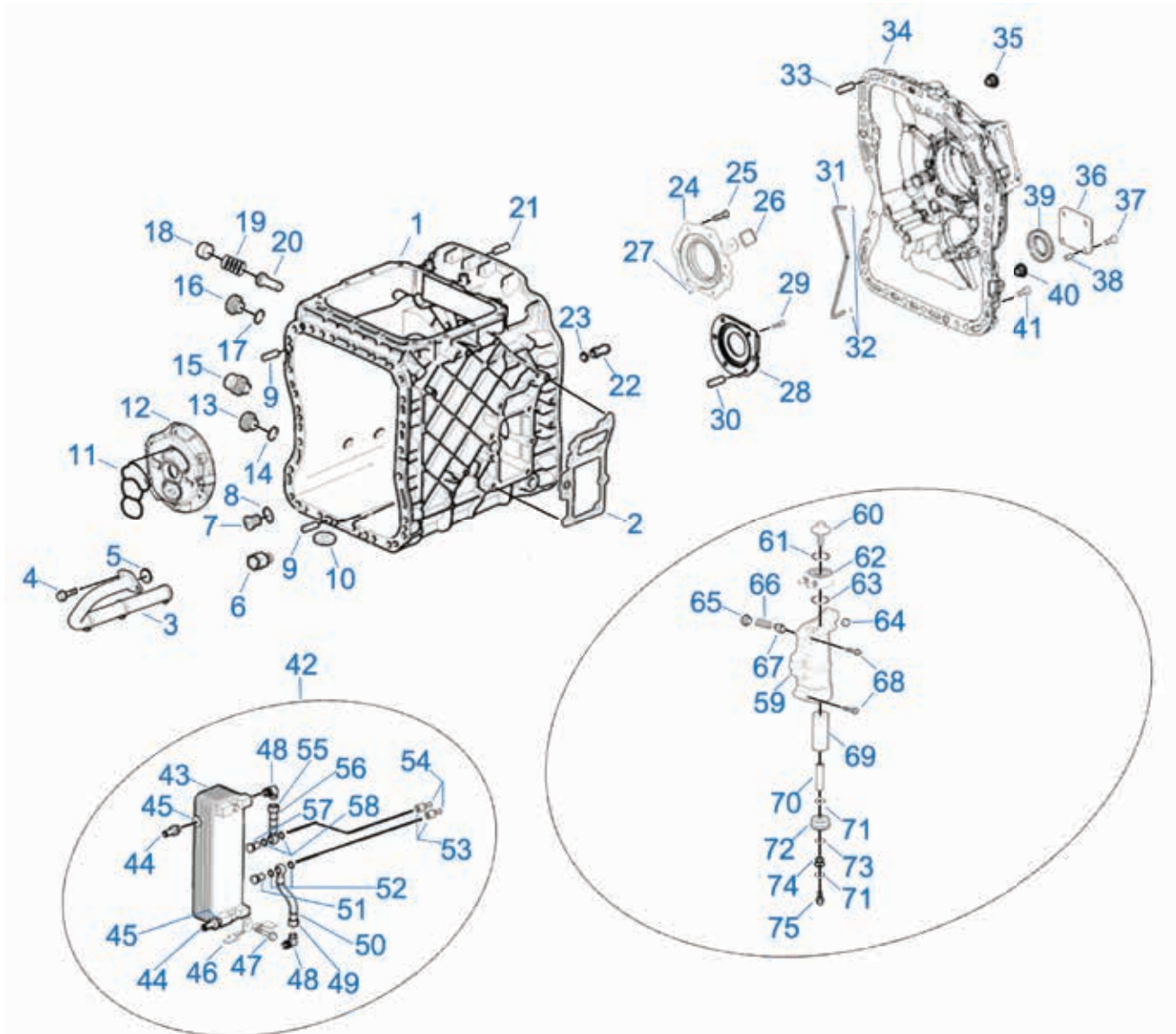


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2	EAIS20483327	20483327	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS21011563	21011563	Piston	1	
7	EAIS1653900	1653900	Synchro Pin	1	
8	EAIS21666546	21666546	Discs Kit	1	
9	EAIS20497205	20497205	Gasket	1	
10	EAIS3192575	3192575	Piston	1	
11	EAIS8171668	8171668	Spring -14.6x2.5x23.7 mm	1	
12	EAIS3192573	3192573	Pin	1	
13	EAIS949657	949657	O-Ring -22.2x3 mm	1	
14	K-4516CL	22429963	Clutch Actuator	1	
15		21695307	Sensor	1	
16		990861	Screw	3	
17		20780168	Screw	2	
18	EAIS20483426	20483426	Oil Seal	1	
19		1521473	Snap Ring -3.20 mm	0	
19		1521474	Snap Ring -3.30 mm	0	
19		1521475	Snap Ring -3.40 mm	0	
19	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
20		20992763	Tube	1	
21		22485772	Gasket Kit	1	
22		20722721	Support	1	
23		1521975	Retainer Ring	1	
24		20860677	Gasket	1	

I-Shift/mDRIVE™ ATO3512E Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
25		994923	Screw	3	
26		20534543	Screw	25	
27		21679941	Front Housing	1	
28		951950	Dowel Pin	2	
29		21176267	Dowel Pin	2	
30	EAIS22317072	22317072	Solenoid Valve	1	
31	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
32		984741	Screw	3	
33		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ ATO3512E Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
		21550885	Rear Housing Kit	1	
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		24426193	Oil Tube	1	Type A
4		994271	Screw	2	Type A
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	Type A
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		3192319	Plug	1	
16		20366642	Plug	1	

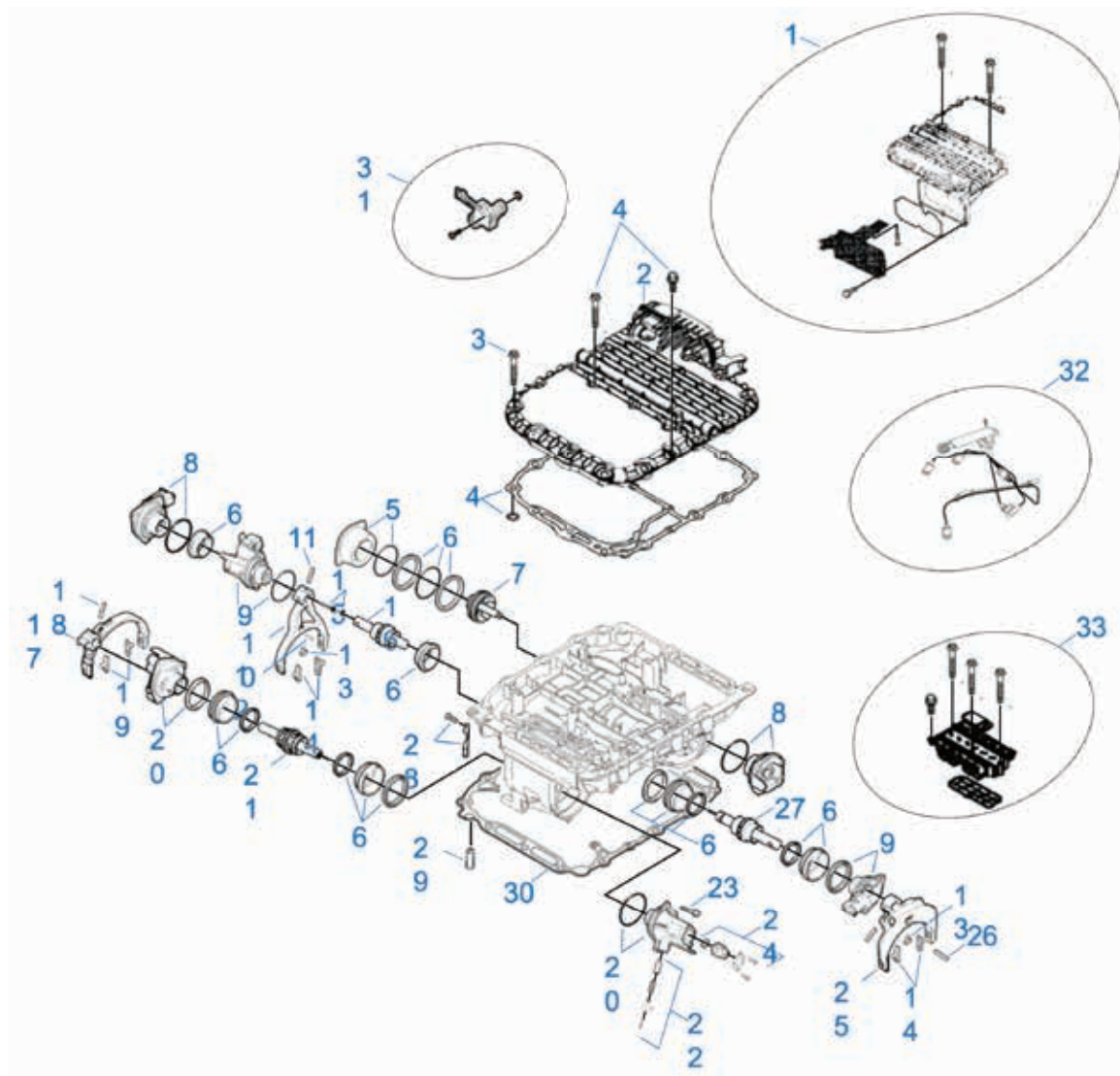
I-Shift/mDRIVE™ ATO3512E Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
17		977005	Gasket	1	
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21636544	21636544	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
31		21376703	Oil Tube	1	
32		976029	O-Ring	2	
33		21176267	Dowel Pin	3	
34		21392880	Rear Housing	1	Single Power - With Retarder
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
49-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	
55-58		22429384	Tube	1	

I-Shift/mDRIVE™ ATO3512E Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ ATO3512E Control Actuator

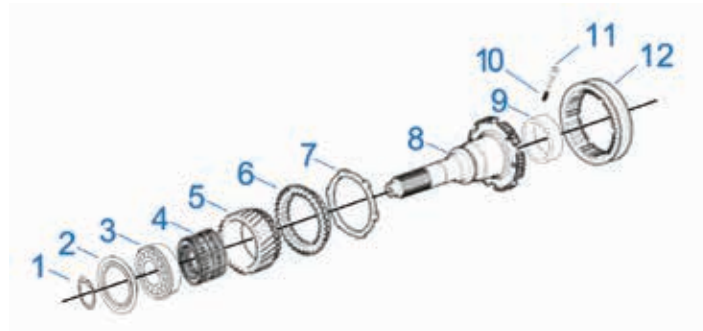


Item	Part Number	Industry Number	Description	Qty	Notes
		22780685	Control Actuator - Complete	1	
		21911582	Control Actuator - Kit	1	
1	EAIS22242764	22242764	Connection Support Kit	1	
2		21911579	Upper Cover	1	
3		20534545	Screw	14	
4	EAIS21911585	21911585	Gasket Kit	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS21911592	21911592	Covers Kit	1	
9	EAIS21911596	21911596	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	

I-Shift/mDRIVE™ ATO3512E Control Actuator

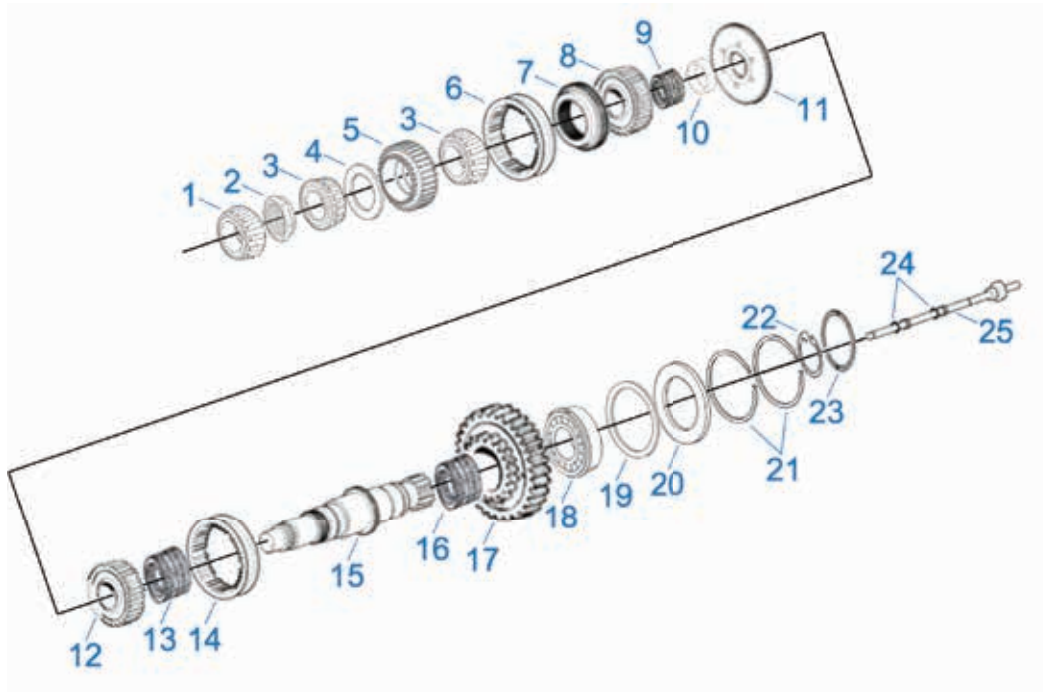
Item	Part Number	Industry Number	Description	Qty	Notes
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20		21911591	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25		21678722	Shift Fork	1	
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28		22242766	Plate	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	
31		22242765	Sensors Kit	1	
32	EAIS21911586	21911586	Cable Harness Kit	1	
33	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ AT2412F Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626063	21626063	Bearing -85x150x30.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20854441	20854441	Gear -31 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
8	EAIS22392450	22392450	Input Shaft -358.50 mm	1	L=358,5 mm
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10,11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10-12	EAIS21671426C	21671426	Synchro Kit	1	
10-12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ AT2412F Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

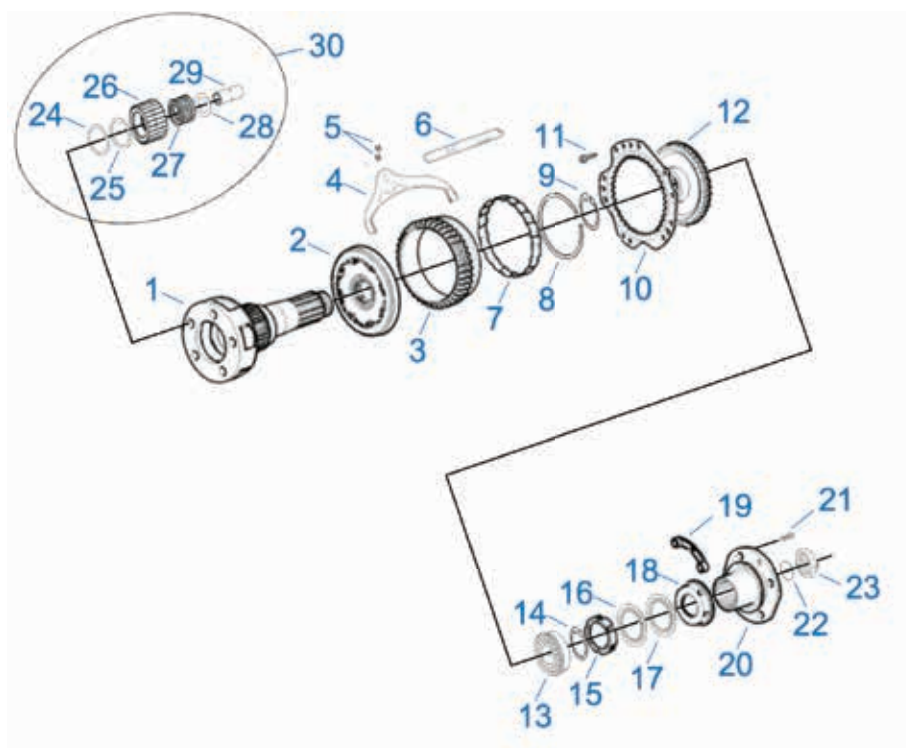
I-Shift/mDRIVE™ AT2412F Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	n/a	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	n/a	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	Aftermarket
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	n/a	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	Aftermarket
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	n/a	Main Shaft	1	
15	EAIS20739229	20739229	Main Shaft	1	
15	EAIS20739229	n/a	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	Aftermarket
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	n/a	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	Aftermarket
19		25640768	Thrust Washer -2.42 mm	0	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	

I-Shift/mDRIVE™ AT2412F Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ AT2412F Planetary Carrier

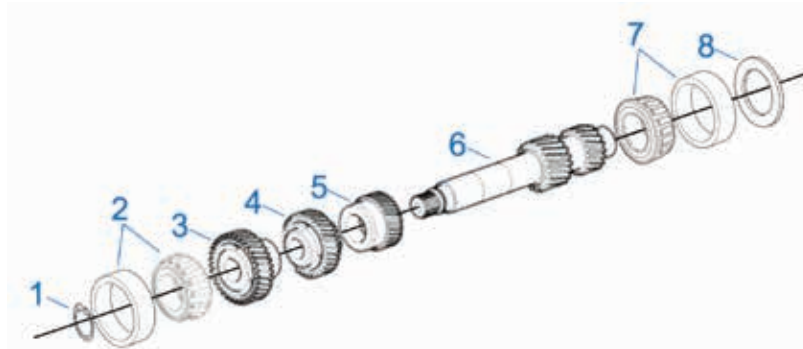


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ AT2412F Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-18, 20, 22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-18, 20, 22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-18, 20, 22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-18, 20, 22,30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 3, 7-11,23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ AT2412F Counter Shaft

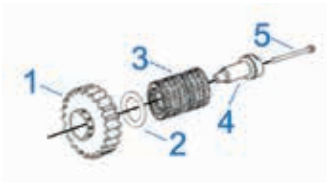


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21626061	21626061	Bearing -60x110x29.75 mm	1	
3	EAIS20854437	20854437	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6		22583994	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ AT2412F Counter Shaft

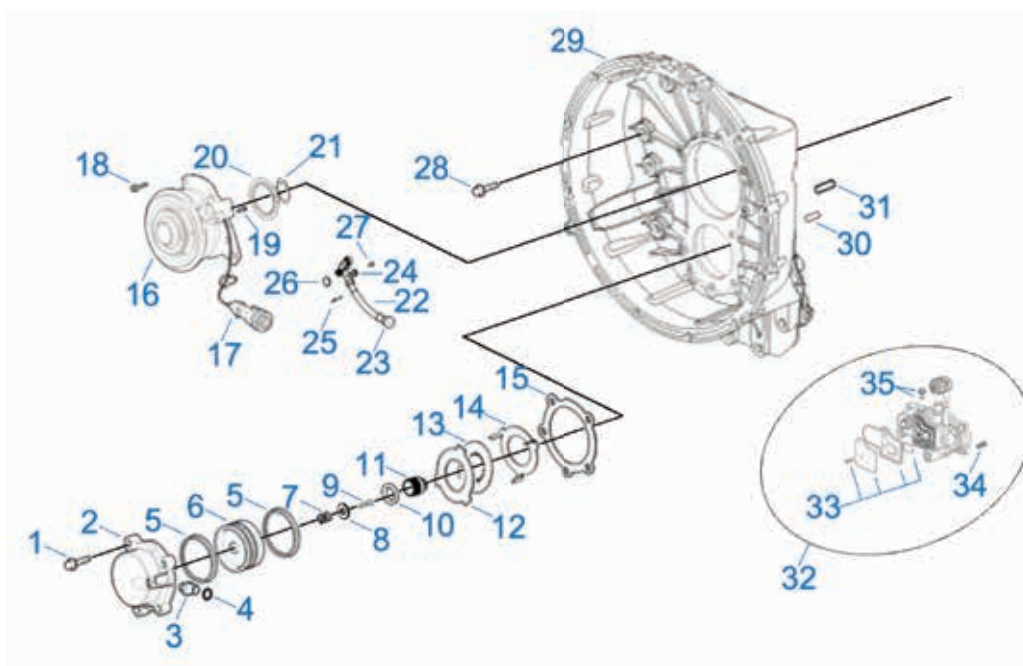
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ AT2412F Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1			Reverse Gear -20 T	1	
2		20483575	Thrust Washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ AT2412F Front Housing

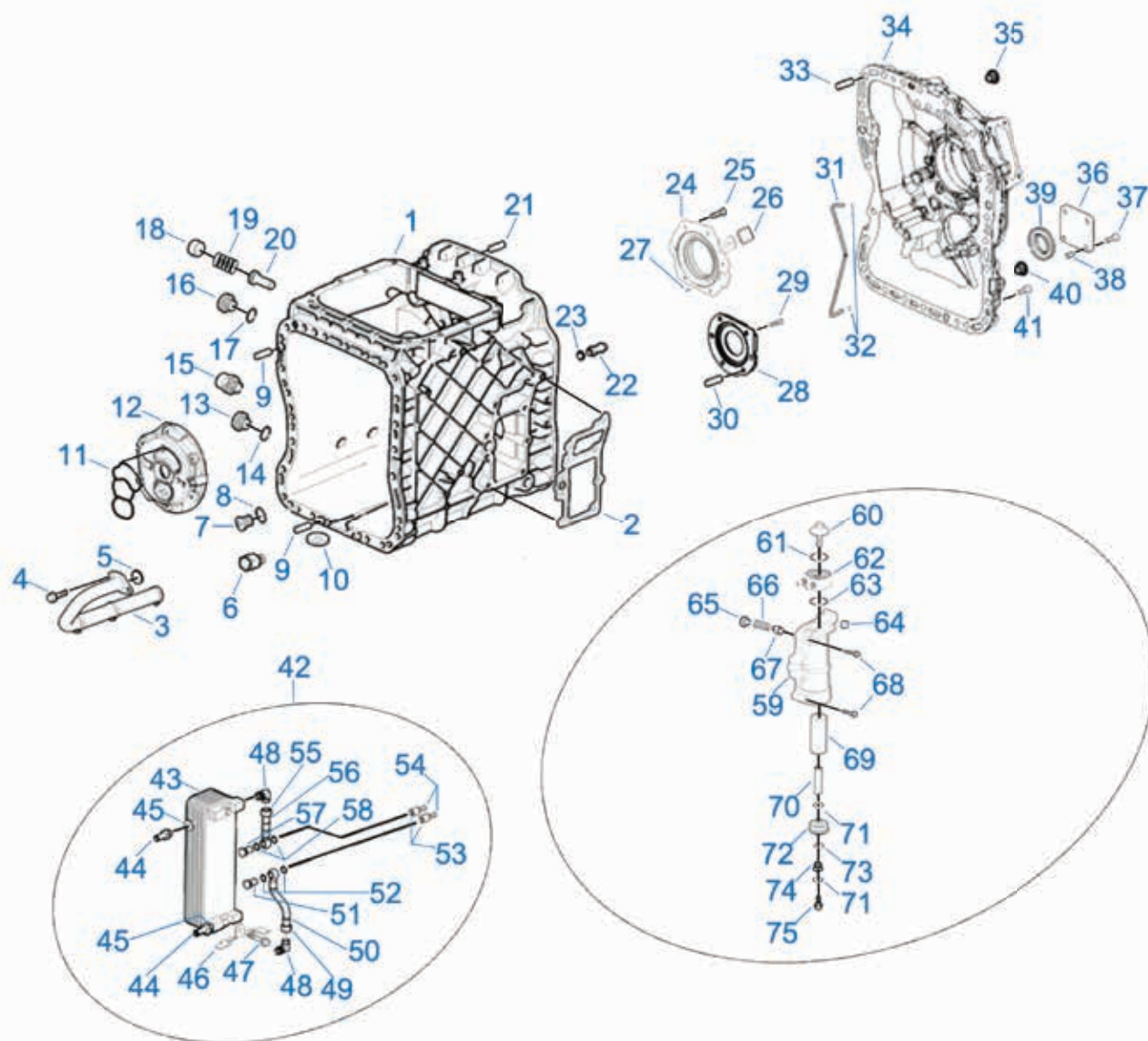


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2		22617685	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS2249234	2249234	Piston	1	
7		22197435	Spring	1	
8		20744144	Washer	1	
9		994501	Screw	1	
10		22550015	O-Ring	1	
11		22503041	Spring Seat	1	
12		22183737	Disk	5	
13		21985442	Spacer	4	
12,13		22678842	Spacer Kit	1	
14	EAIS22617655	22617655	Tab Washer	1	
15	EAIS20497205	20497205	Gasket	1	
16	K-4516CL	22429963	Clutch Actuator	1	
17		21695307	Sensor	1	
18		990861	Screw	3	
19		20780168	Screw	2	
20	EAIS20483426	20483426	Oil Seal	1	
21		1521473	Snap Ring -3.20 mm	0	
21		1521474	Snap Ring -3.30 mm	0	
21		1521475	Snap Ring -3.40 mm	0	
21	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
22		20992763	Tube	1	
23		22485772	Gasket Kit	1	

I-Shift/mDRIVE™ AT2412F Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
24		20722721	Support	1	
25		1521975	Retainer Ring	1	
26		20860677	Gasket	1	
27		994923	Screw	3	
28		22305002	Screw	25	
29		22538396	Front Housing	1	
30		951950	Dowel Pin	2	
31		21176267	Dowel Pin	2	
32	EAIS22317072	22317072	Solenoid Valve	1	
33	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
34		984741	Screw	3	
35		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ AT2412F Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		21350770	Oil Tube	1	
4		22090810	Screw	2	
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		22424148	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	
18		968064	Plug	1	

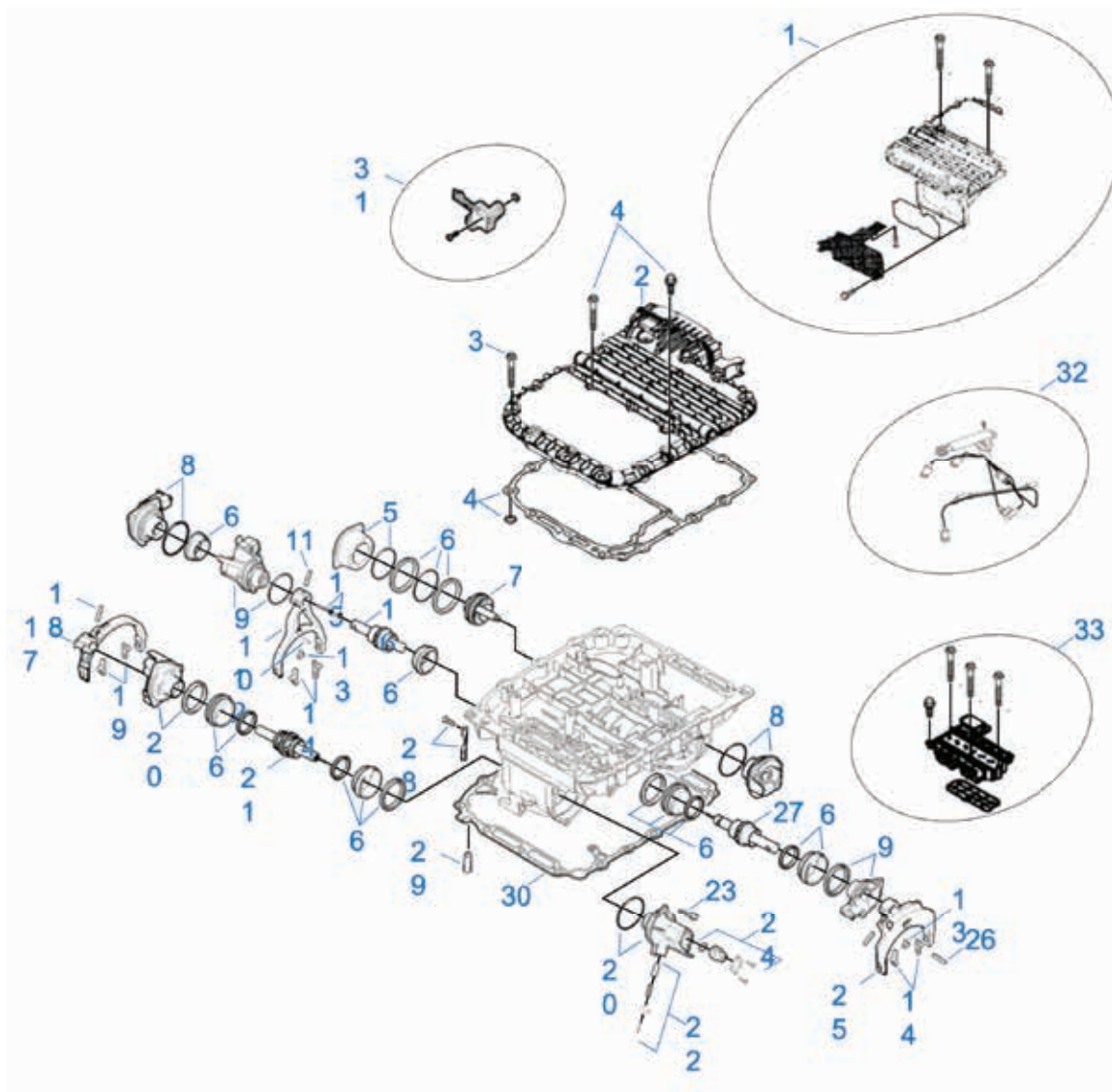
I-Shift/mDRIVE™ AT2412F Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21629020	21629020	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
24-30		21550882	Housing Cover Kit	1	
31		21376703	Oil Tube	1	
32		968757	O-Ring	2	
33		21176267	Dowel Pin	3	
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		21392880	Rear Housing	1	Single Power - With Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
50-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	
56-58		22429384	Tube	1	

I-Shift/mDRIVE™ AT2412F Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ AT2412F Control Actuator

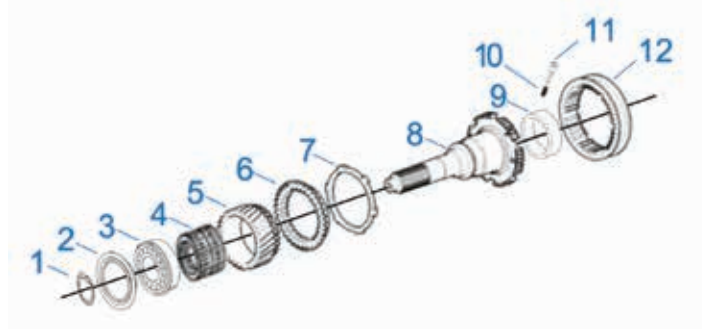


Item	Part Number	Industry Number	Description	Qty	Notes
		22780685	Control Actuator - Complete	1	
		21911582	Control Actuator - Kit	1	
1	EAIS22242764	22242764	Connection Support Kit	1	
2		21911579	Upper Cover	1	
3		20534545	Screw	14	
4	EAIS21911585	21911585	Gasket Kit	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS21911592	21911592	Covers Kit	1	
9	EAIS21911596	21911596	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	

I-Shift/mDRIVE™ AT2412F Control Actuator

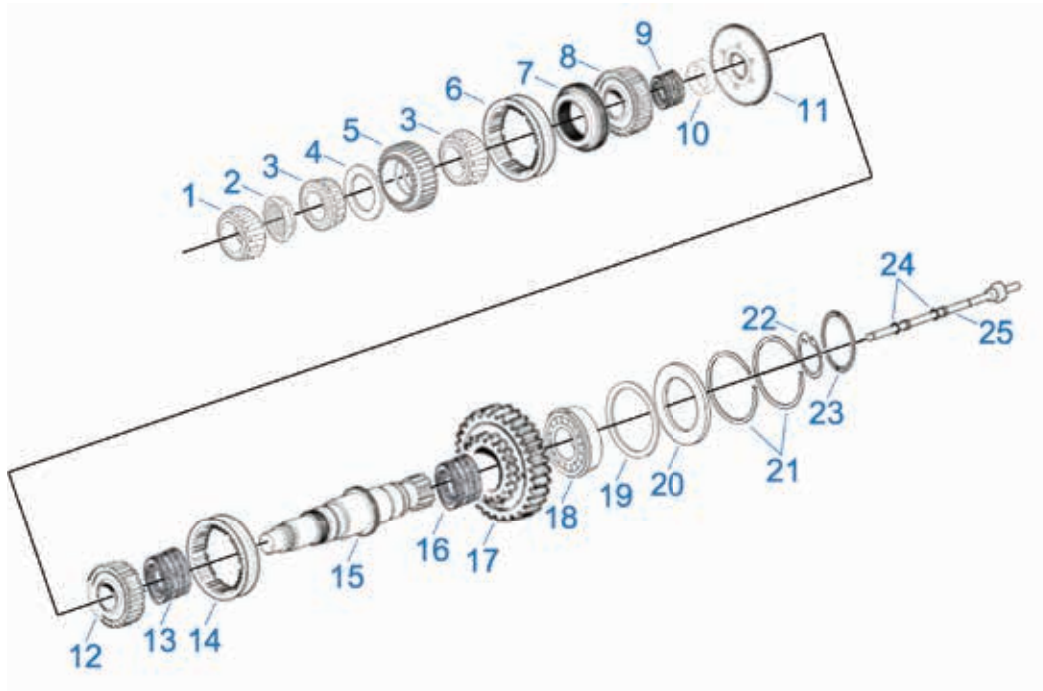
Item	Part Number	Industry Number	Description	Qty	Notes
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20		21911591	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25		21678722	Fork	1	
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28		22242766	Plate	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	
31		22242765	Sensors Kit	1	
32	EAIS21911586	21911586	Cable Harness Kit	1	
33	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ AT2612F Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20854441	20854441	Gear -31 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	L=359 mm
8	EAIS22358444	22358444	Input Shaft -358.50 mm	1	L=358,5 mm
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10,11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10-12	EAIS21671426C	21671426	Synchro Kit	1	
10-12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ AT2612F Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

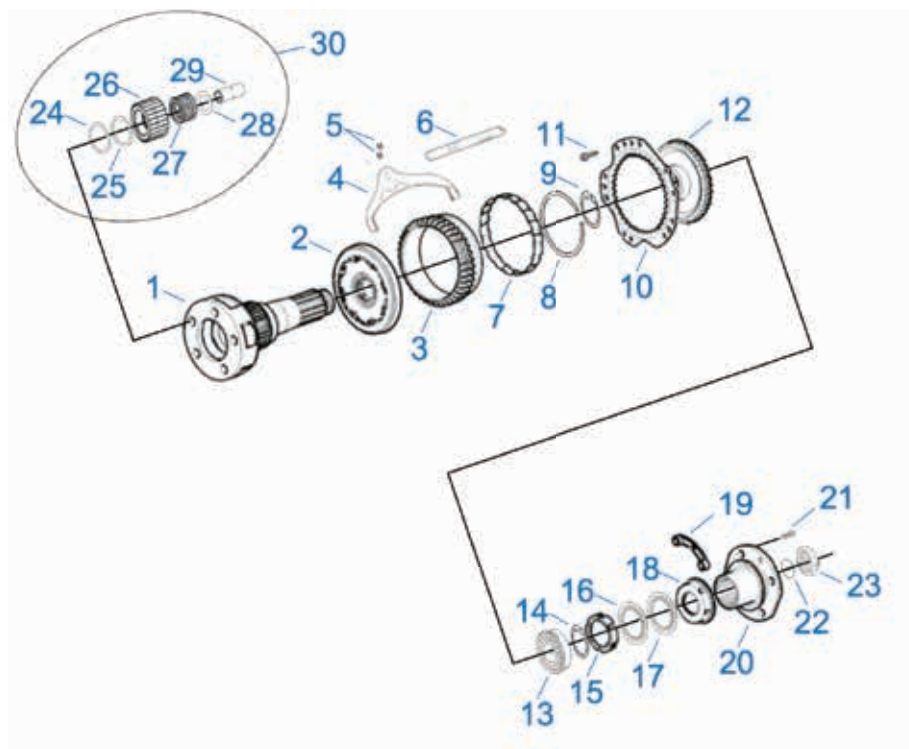
I-Shift/mDRIVE™ AT2612F Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	Aftermarket
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	Aftermarket
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
15	EAIS20739229	n/a	Main Shaft	1	
15	EAIS20739229	n/a	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	Aftermarket
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	Aftermarket
19		25640768	Thrust Washer -2.42 mm	0	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	

I-Shift/mDRIVE™ AT2612F Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ AT2612F Planetary Carrier

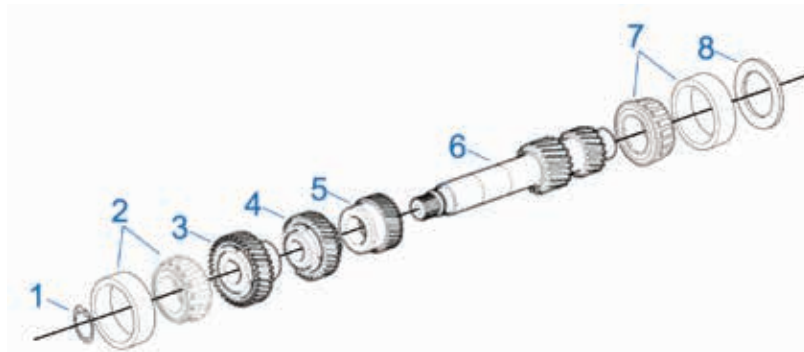


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ AT2612F Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1,12-18, 20, 22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1,12-18, 20, 22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-18, 20, 22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1,12-18,20, 22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ AT2612F Counter Shaft

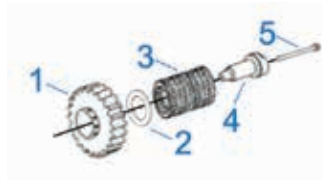


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
3	EAIS20854437	20854437	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6		22763327	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ AT2612F Counter Shaft

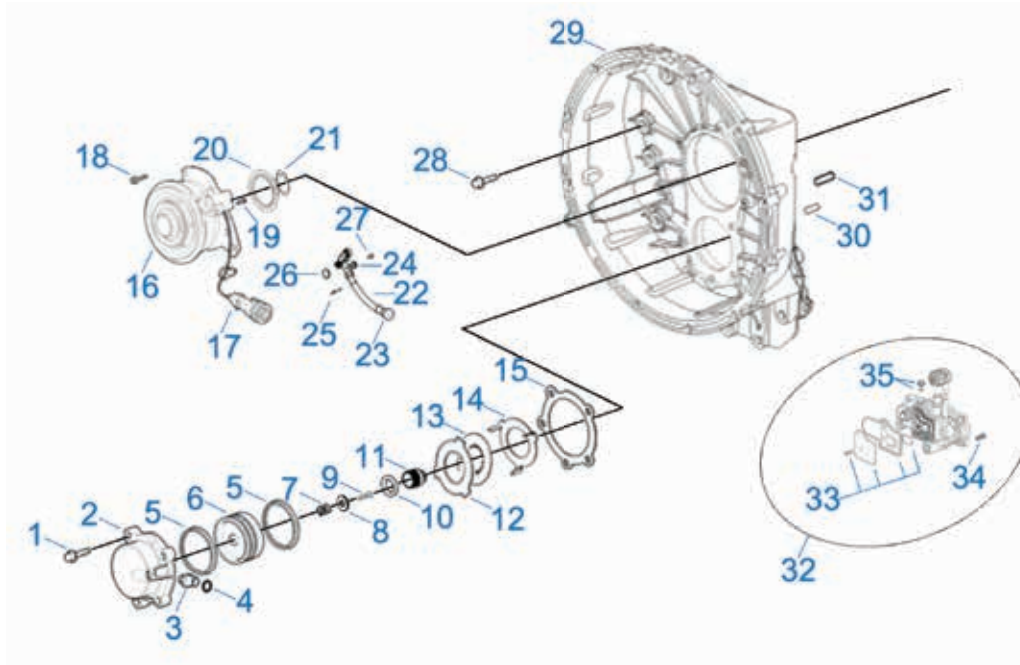
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ AT2612F Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1		22763337	Reverse Gear -20 T	1	
2		20483575	Thrust Washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ AT2612F Front Housing

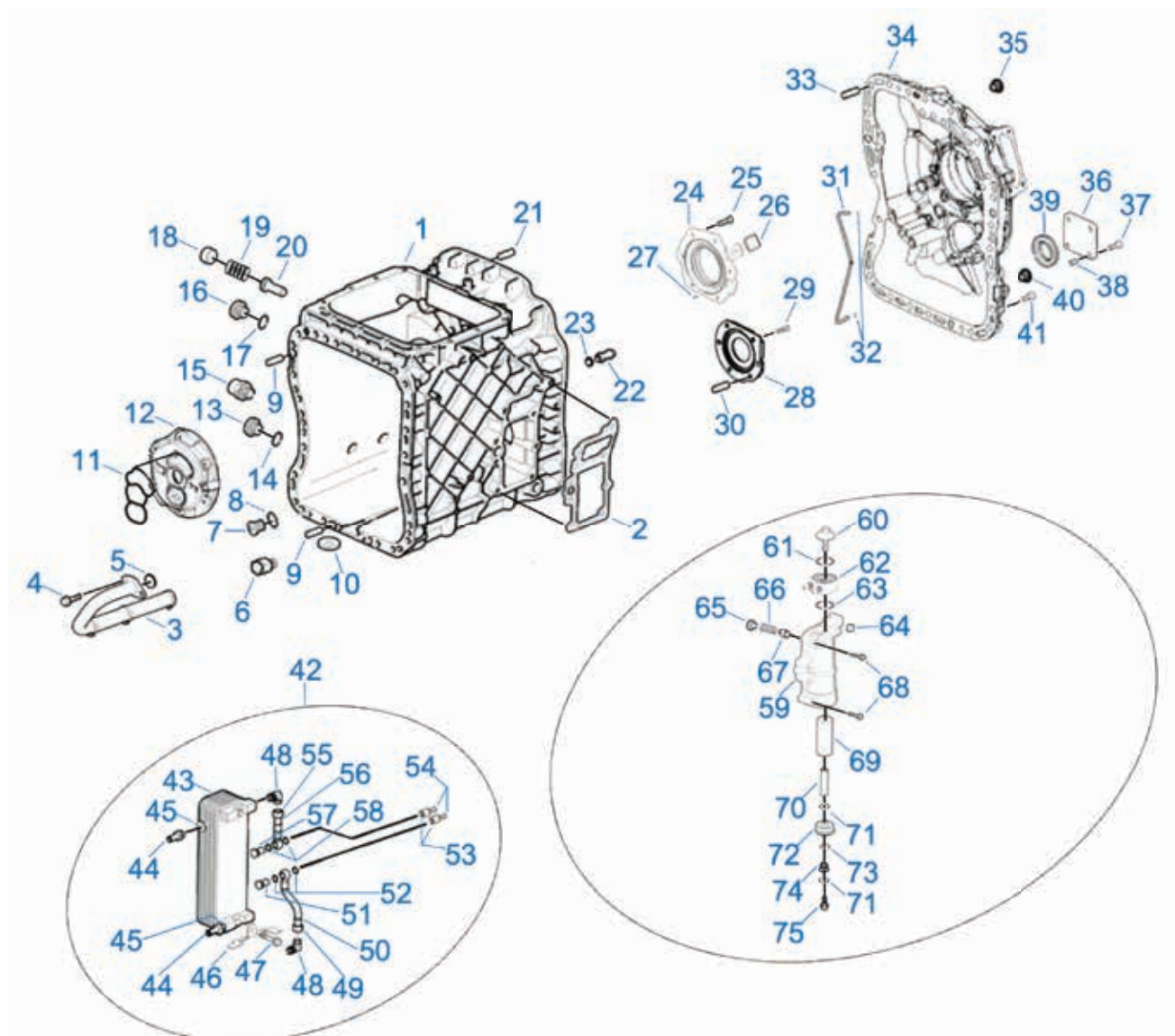


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2		22617685	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS2249234	2249234	Piston	1	
7		22197435	Spring	1	
8		20744144	Washer	1	
9		994501	Screw	1	
10		22550015	O-Ring	1	
11		22503041	Spring Seat	1	
12		22183737	Disk	5	
13		21985442	Spacer	4	
12,13		22678842	Spacer Kit	1	
14	EAIS22617655	22617655	Tab Washer	1	
15	EAIS20497205	20497205	Gasket	1	
16	K-4516CL	22429963	Clutch Actuator	1	
17		21695307	Sensor	1	
18		990861	Screw	3	
19		20780168	Screw	2	
20	EAIS20483426	20483426	Oil Seal	1	
21		1521473	Snap Ring -3.20 mm	0	
21		1521474	Snap Ring -3.30 mm	0	
21		1521475	Snap Ring -3.40 mm	0	
21	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
22		20992763	Tube	1	
23		22485772	Gasket Kit	1	

I-Shift/mDRIVE™ AT2612F Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
24		20722721	Support	1	
25		1521975	Retainer Ring	1	
26		20860677	Gasket	1	
27		994923	Screw	3	
28		22305002	Screw	25	
29		22538397	Front Housing	1	
30		951950	Dowel Pin	2	
31		21176267	Dowel Pin	2	
32	EAIS22317072	22317072	Solenoid Valve	1	
33	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
34		984741	Screw	3	
35		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ AT2612F Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		21350770	Oil Tube	1	
4		22090810	Screw	2	
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		22424148	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	

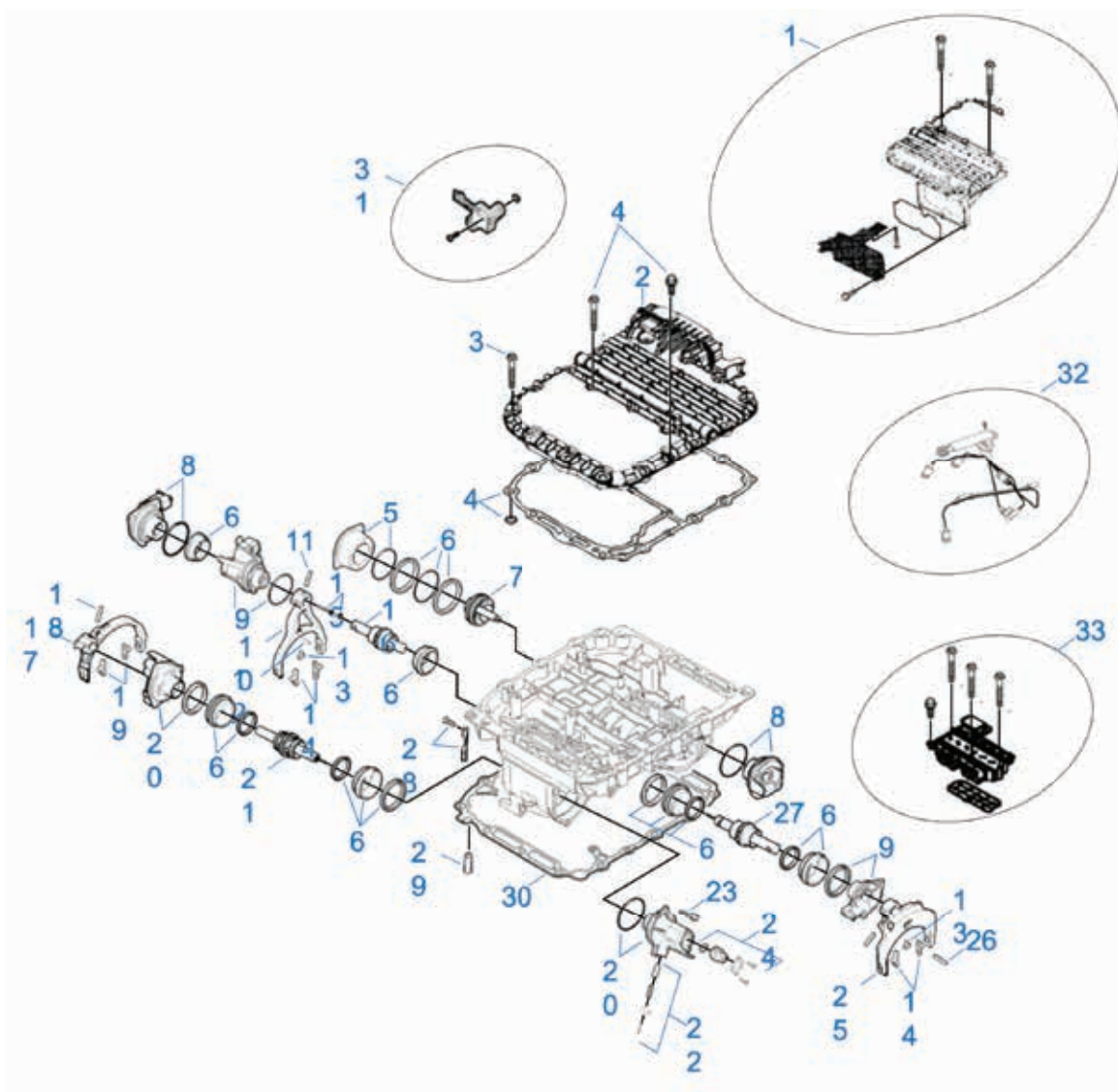
I-Shift/mDRIVE™ AT2612F Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21629020	21629020	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
24-30		21550882	Housing Cover Kit	1	
31		21376703	Oil Tube	1	
32		968757	O-Ring	2	
33		21176267	Dowel Pin	3	
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		21392880	Rear Housing	1	Single Power - With Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
50-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	

I-Shift/mDRIVE™ AT2612F Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
56-58		22429384	Tube	1	
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ AT2612F Control Actuator

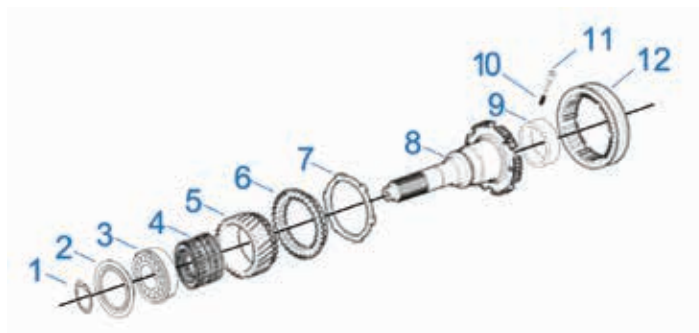


Item	Part Number	Industry Number	Description	Qty	Notes
		22780685	Control Actuator - Complete	1	
		21911582	Control Actuator - Kit	1	
1	EAIS22242764	22242764	Connection Support Kit	1	
2		21911579	Upper Cover	1	
3		20534545	Screw	14	
4	EAIS21911585	21911585	Gasket Kit	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS21911592	21911592	Covers Kit	1	
9	EAIS21911596	21911596	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	

I-Shift/mDRIVE™ AT2612F Control Actuator

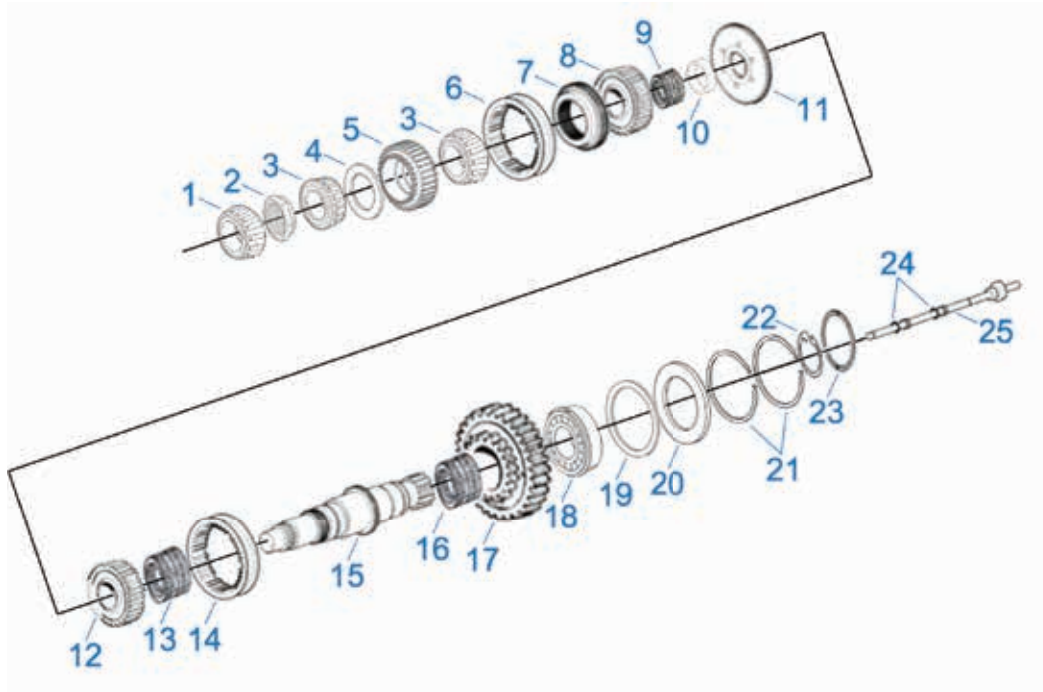
Item	Part Number	Industry Number	Description	Qty	Notes
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20		21911591	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25		21678722	Fork	1	
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28		22242766	Plate	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	
31		22242765	Sensors Kit	1	
32	EAIS21911586	21911586	Cable Harness Kit	1	
33	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ AT2812F Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776783	20776783	Gear -31 T	1	
5	EAIS20854441	20854441	Gear -31 T	1	
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	L=359 mm
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10,11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10-12	EAIS21671426C	21671426	Synchro Kit	1	
10-12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ AT2812F Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

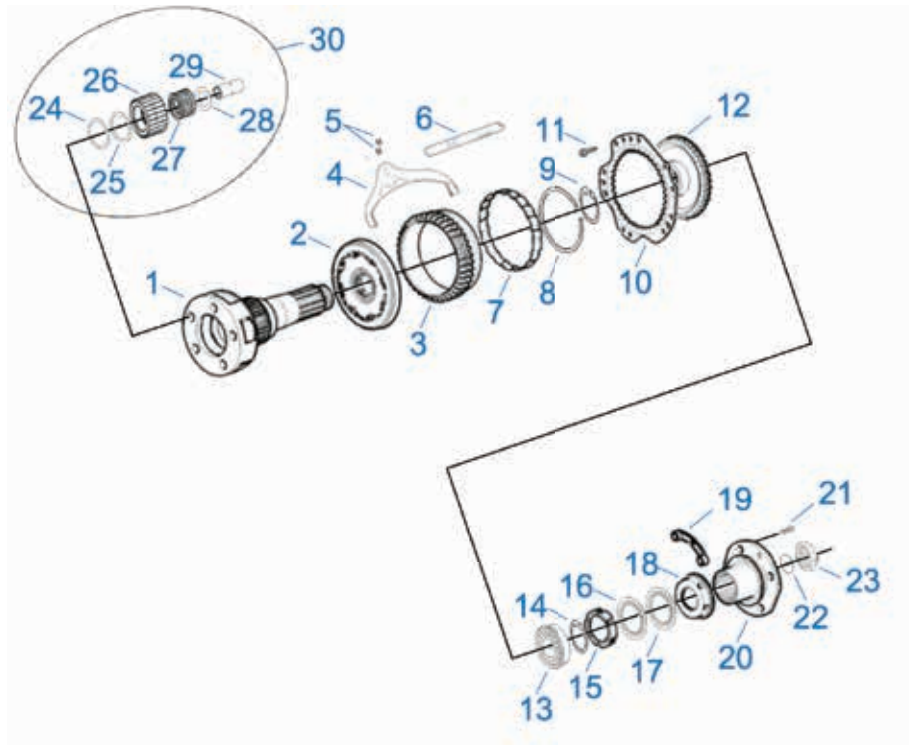
I-Shift/mDRIVE™ AT2812F Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	Aftermarket
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	Aftermarket
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
15	EAIS20739229	n/a	Main Shaft	1	
15	EAIS20739229	n/a	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	Aftermarket
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	Aftermarket
19		25640768	Thrust Washer -2.42 mm	0	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	

I-Shift/mDRIVE™ AT2812F Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ AT2812F Planetary Carrier

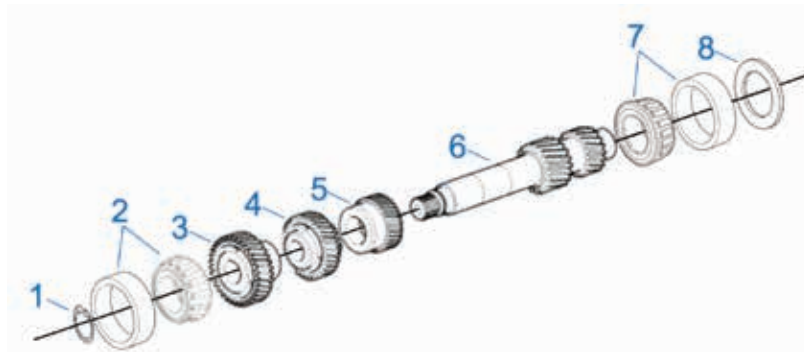


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ AT2812F Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27,28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-18, 20, 22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-18, 20, 22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-18, 20, 22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-18, 20, 22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ AT2812F Counter Shaft

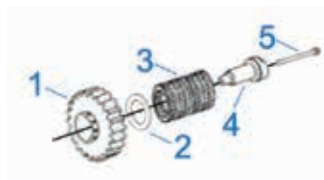


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
3	EAIS20854437	20854437	Gear -44 T	1	
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6		22763327	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ AT2812F Counter Shaft

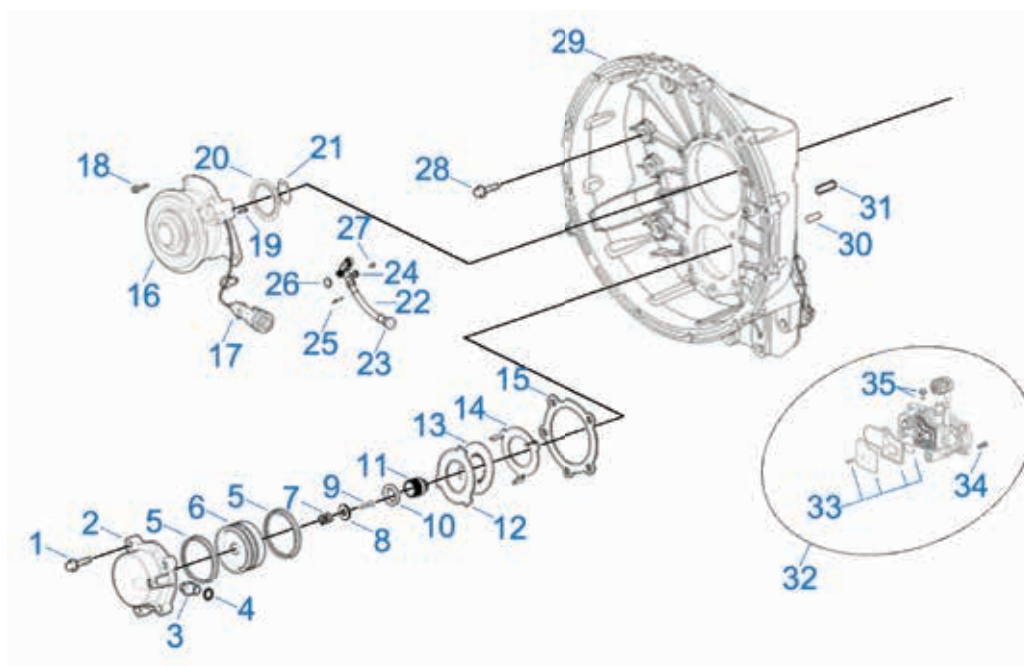
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ AT2812F Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1		22763337	Reverse Gear -20 T	1	
2		20483575	Thrust Washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ AT2812F Front Housing

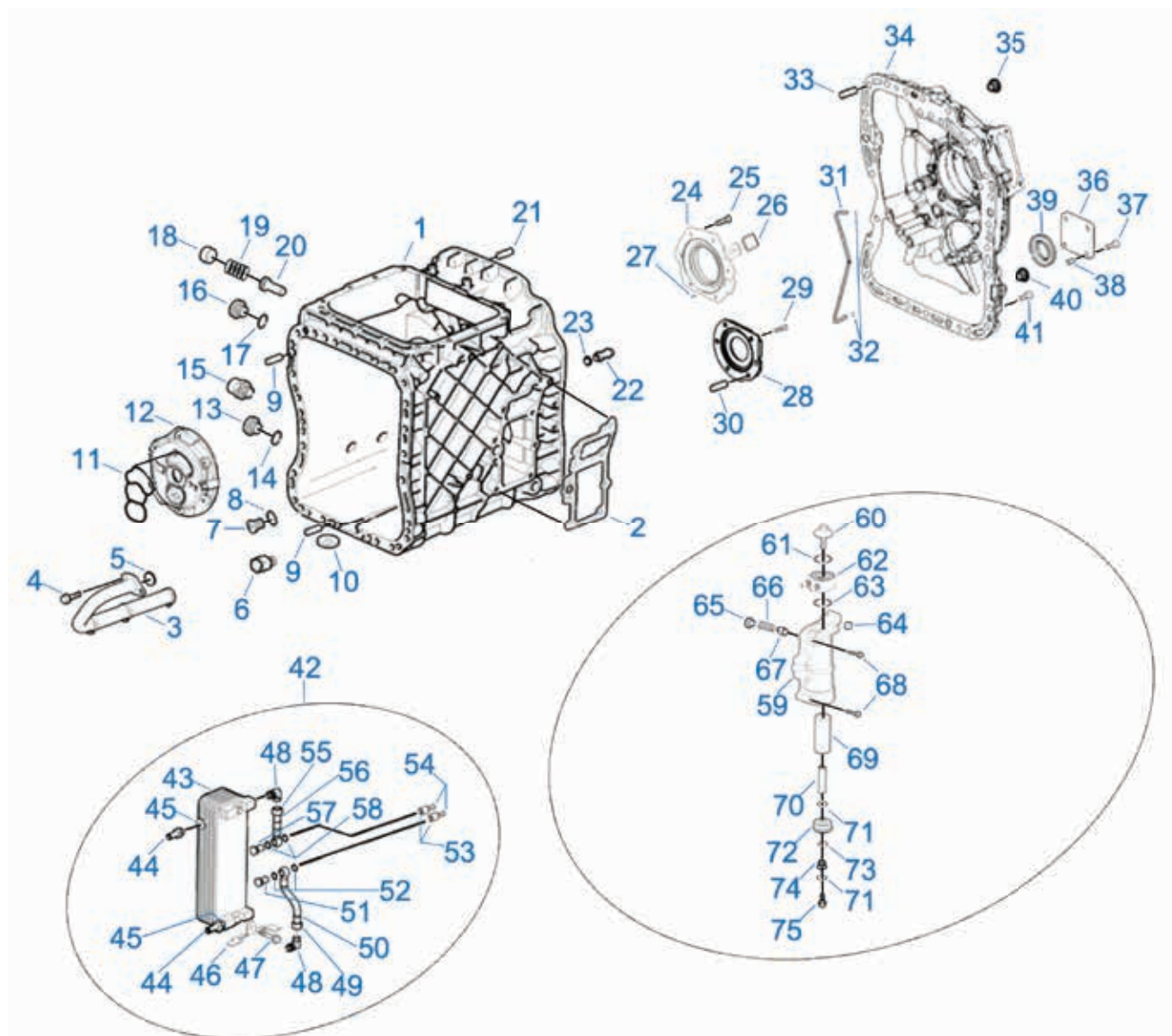


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2		22617685	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS2249234	2249234	Piston	1	
7		22197435	Spring	1	
8		20744144	Washer	1	
9		994501	Screw	1	
10		22550015	O-Ring	1	
11		22503041	Spring Seat	1	
12		22183737	Disk	5	
13		21985442	Spacer	4	
12,13		22678842	Spacer Kit	1	
14	EAIS22617655	22617655	Tab Washer	1	
15	EAIS20497205	20497205	Gasket	1	
16	K-4516CL	22429963	Clutch Actuator	1	
17		21695307	Sensor	1	
18		990861	Screw	3	
19		20780168	Screw	2	
20	EAIS20483426	20483426	Oil Seal	1	
21		1521473	Snap Ring -3.20 mm	0	
21		1521474	Snap Ring -3.30 mm	0	
21		1521475	Snap Ring -3.40 mm	0	
21	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
22		20992763	Tube	1	
23		22485772	Gasket Kit	1	

I-Shift/mDRIVE™ AT2812F Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
24		20722721	Support	1	
25		1521975	Retainer Ring	1	
26		20860677	Gasket	1	
27		994923	Screw	3	
28		22305002	Screw	25	
29		22538397	Front Housing	1	
30		951950	Dowel Pin	2	
31		21176267	Dowel Pin	2	
32	EAIS22317072	22317072	Solenoid Valve	1	
33	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
34		984741	Screw	3	
35		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ AT2812F Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		21350770	Oil Tube	1	
4		22090810	Screw	2	
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		22424148	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	

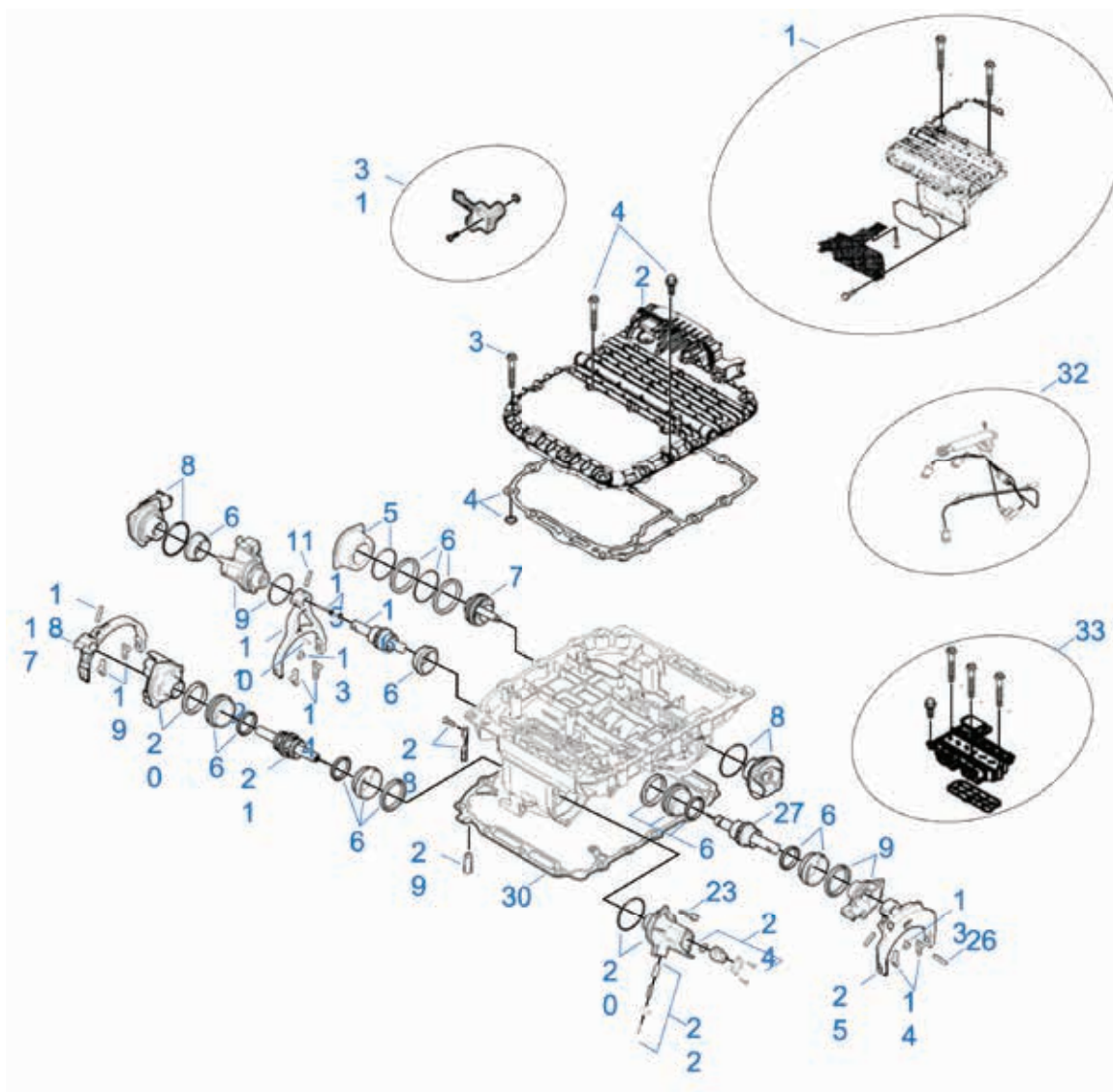
I-Shift/mDRIVE™ AT2812F Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21629020	21629020	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
24-30		21550882	Housing Cover Kit	1	
31		21376703	Oil Tube	1	
32		968757	O-Ring	2	
33		21176267	Dowel Pin	3	
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		21392880	Rear Housing	1	Single Power - With Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
50-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	
56-58		22429384	Tube	1	

I-Shift/mDRIVE™ AT2812F Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ AT2812F Control Actuator

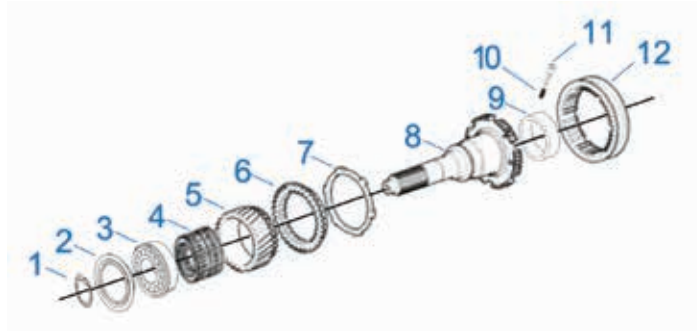


Item	Part Number	Industry Number	Description	Qty	Notes
		22780685	Control Actuator - Complete	1	
		21911582	Control Actuator - Kit	1	
1	EAIS22242764	22242764	Connection Support Kit	1	
2		21911579	Upper Cover	1	
3		20534545	Screw	14	
4	EAIS21911585	21911585	Gasket Kit	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS21911592	21911592	Covers Kit	1	
9	EAIS21911596	21911596	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	

I-Shift/mDRIVE™ AT2812F Control Actuator

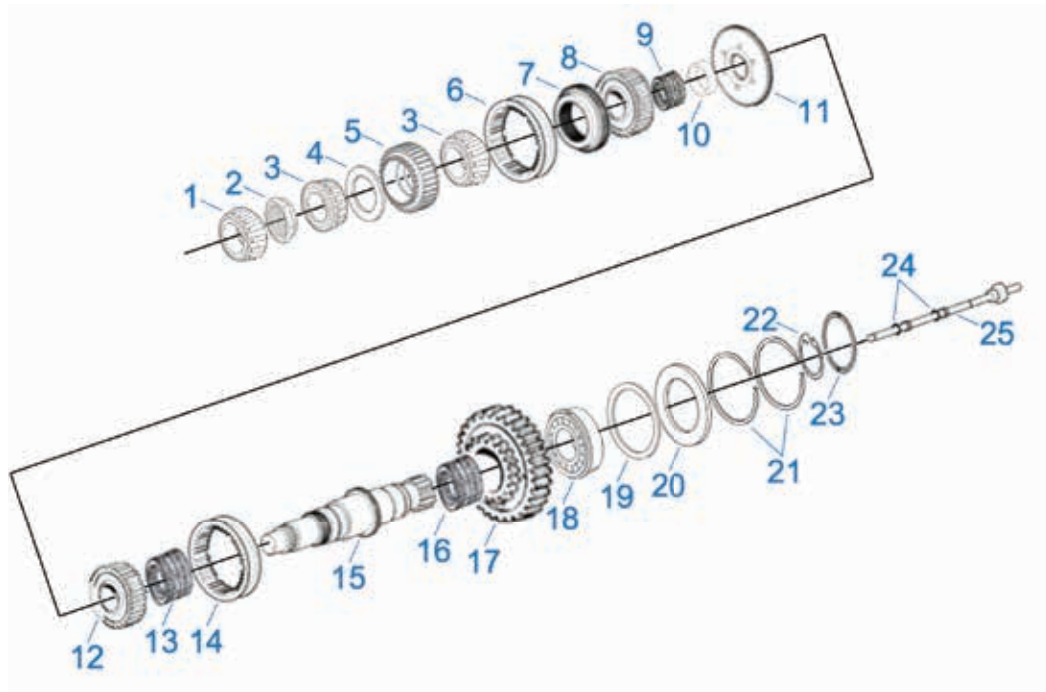
Item	Part Number	Industry Number	Description	Qty	Notes
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20		21911591	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25		21678722	Fork	1	
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28		22242766	Plate	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	
31		22242765	Sensors Kit	1	
32	EAIS21911586	21911586	Cable Harness Kit	1	
33	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ ATO2612F Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626063	21626063	Bearing -85x150x30.5 mm	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776790	20776790	Gear -40 T		
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	L=359 mm
8	EAIS22392450	22392450	Input Shaft -358.50 mm	1	L=358,5 mm
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10,11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10-12	EAIS21671426C	21671426	Synchro Kit	1	
10-12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ ATO2612F Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

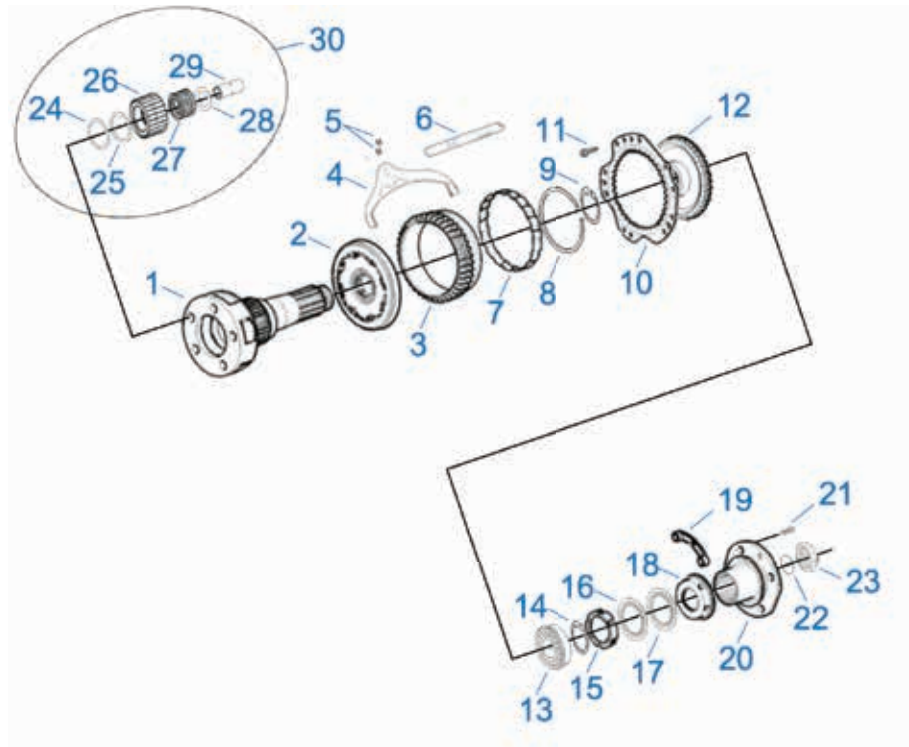
I-Shift/mDRIVE™ ATO2612F Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	Aftermarket
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	Aftermarket
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	n/a	Main Shaft	1	
15	EAIS20739229	20739229	Main Shaft	1	
15	EAIS20739229	n/a	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	Aftermarket
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	Aftermarket
19		25640768	Thrust Washer -2.42 mm	0	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	

I-Shift/mDRIVE™ ATO2612F Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ ATO2612F Planetary Carrier

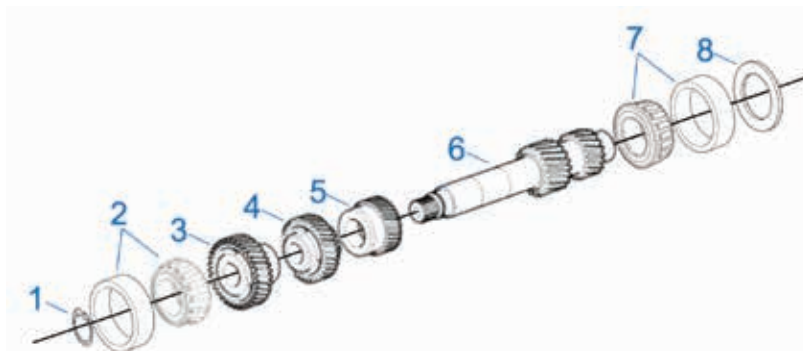


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ ATO2612F Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-18, 20, 22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-18, 20, 22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-18, 20, 22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-18, 20, 22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ ATO2612F Counter Shaft

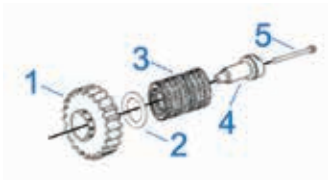


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
2	EAIS21626061	21626061	Bearing -60x110x29.75 mm	1	
3	EAIS20483432	20483432	Gear -35 T		
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6		22583994	Countershaft	1	
6		22763327	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	

I-Shift/mDRIVE™ ATO2612F Counter Shaft

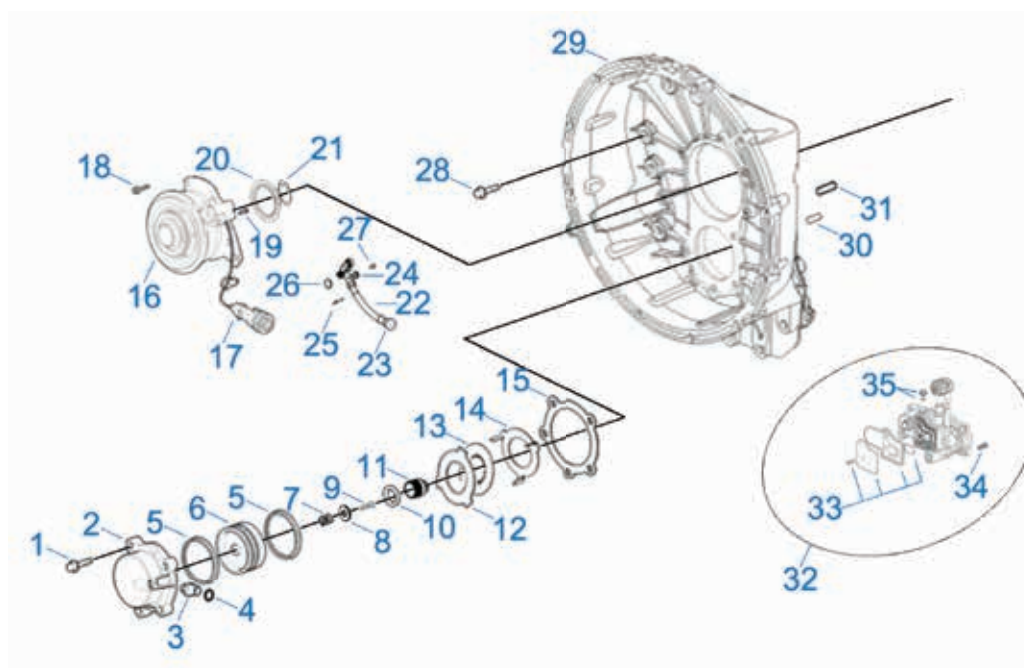
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ ATO2612F Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1		22763337	Reverse Gear -20 T	1	
2		20483575	Thrust Washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ ATO2612F Front Housing

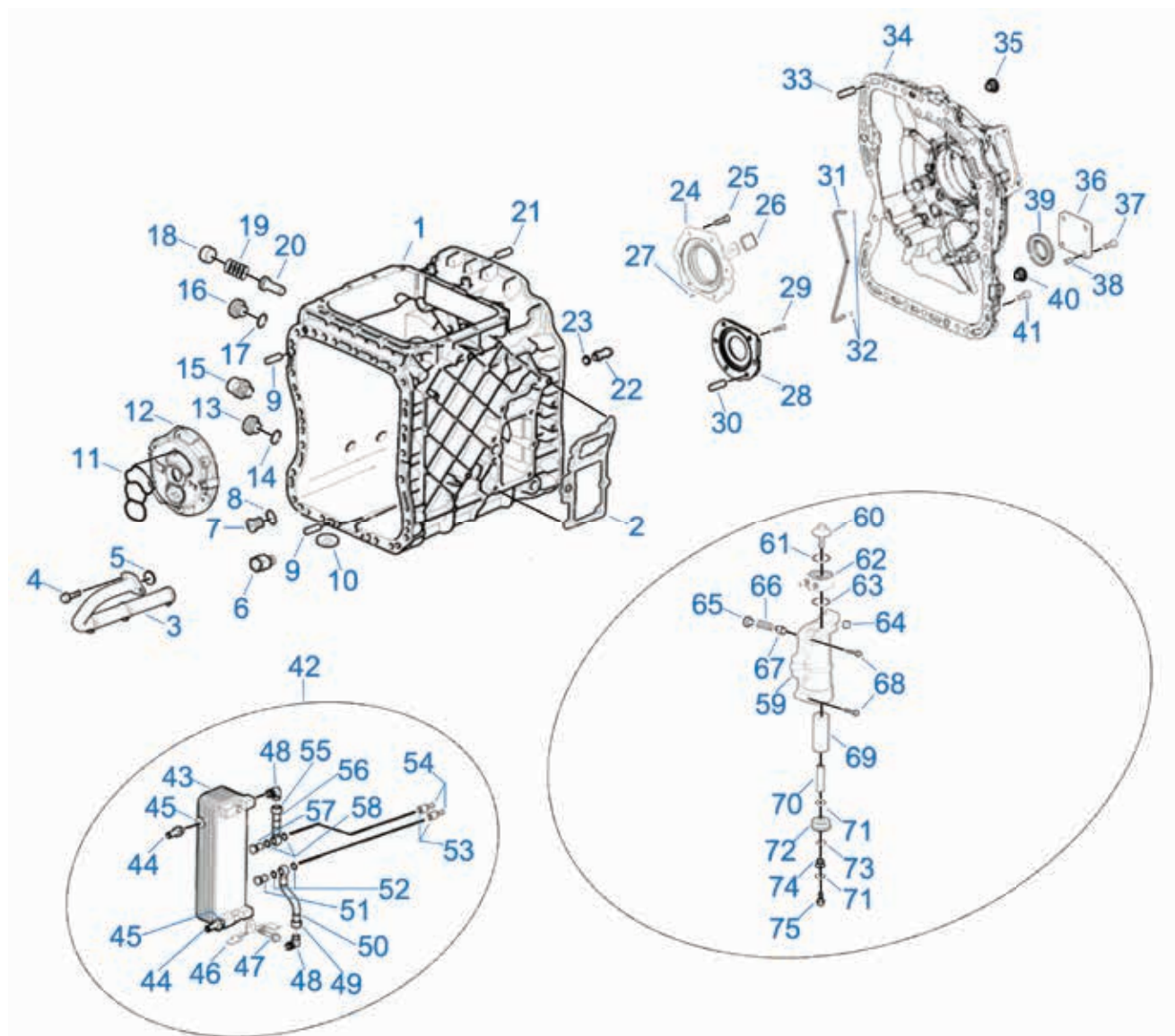


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2		22617685	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS2249234	2249234	Piston	1	
7		22197435	Spring	1	
8		20744144	Washer	1	
9		994501	Screw	1	
10		22550015	O-Ring	1	
11		22503041	Spring Seat	1	
12		22183737	Disk	5	
13		21985442	Spacer	4	
12,13		22678842	Spacer Kit	1	
14	EAIS22617655	22617655	Tab Washer	1	
15	EAIS20497205	20497205	Gasket	1	
16	K-4516CL	22429963	Clutch Actuator	1	
17		21695307	Sensor	1	
18		990861	Screw	3	
19		20780168	Screw	2	
20	EAIS20483426	20483426	Oil Seal	1	
21		1521473	Snap Ring -3.20 mm	0	
21		1521474	Snap Ring -3.30 mm	0	
21		1521475	Snap Ring -3.40 mm	0	
21	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
22		20992763	Tube	1	
23		22485772	Gasket Kit	1	

I-Shift/mDRIVE™ ATO2612F Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
24		20722721	Support	1	
25		1521975	Retainer Ring	1	
26		20860677	Gasket	1	
27		994923	Screw	3	
28		22305002	Screw	25	
29		22538397	Front Housing	1	
30		951950	Dowel Pin	2	
31		21176267	Dowel Pin	2	
32	EAIS22317072	22317072	Solenoid Valve	1	
33	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
34		984741	Screw	3	
35		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ ATO2612F Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		21350770	Oil Tube	1	
4		22090810	Screw	2	
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		22424148	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	

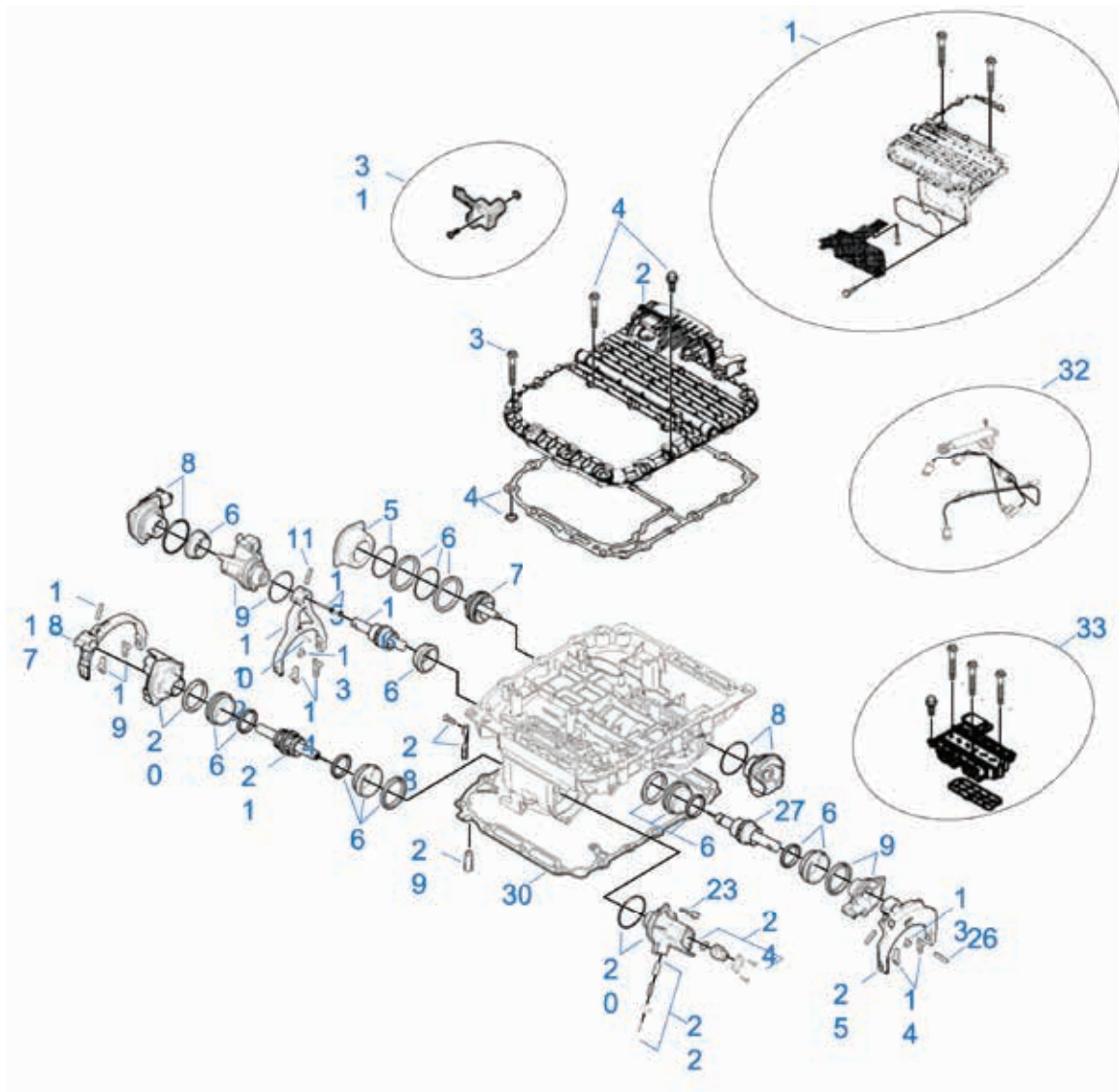
I-Shift/mDRIVE™ ATO2612F Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21636544	21636544	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
24-30		21550885	Housing Cover Kit	1	
31		21376703	Oil Tube	1	
32		968757	O-Ring	2	
33		21176267	Dowel Pin	3	
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		21392880	Rear Housing	1	Single Power - With Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
50-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	
56-58		22429384	Tube	1	

I-Shift/mDRIVE™ ATO2612F Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ ATO2612F Control Actuator

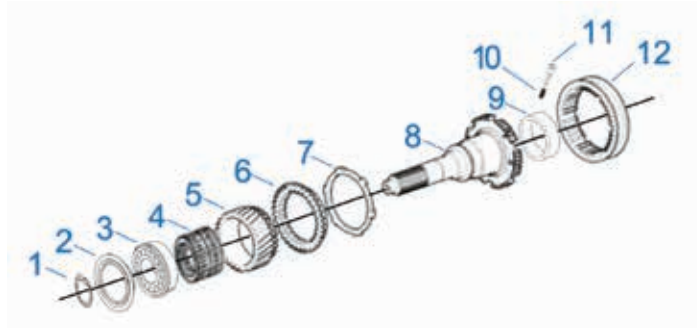


Item	Part Number	Industry Number	Description	Qty	Notes
		22780685	Control Actuator - Complete	1	
		21911582	Control Actuator - Kit	1	
1	EAIS22242764	22242764	Connection Support Kit	1	
2		21911579	Upper Cover	1	
3		20534545	Screw	14	
4	EAIS21911585	21911585	Gasket Kit	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS21911592	21911592	Covers Kit	1	
9	EAIS21911596	21911596	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	

I-Shift/mDRIVE™ ATO2612F Control Actuator

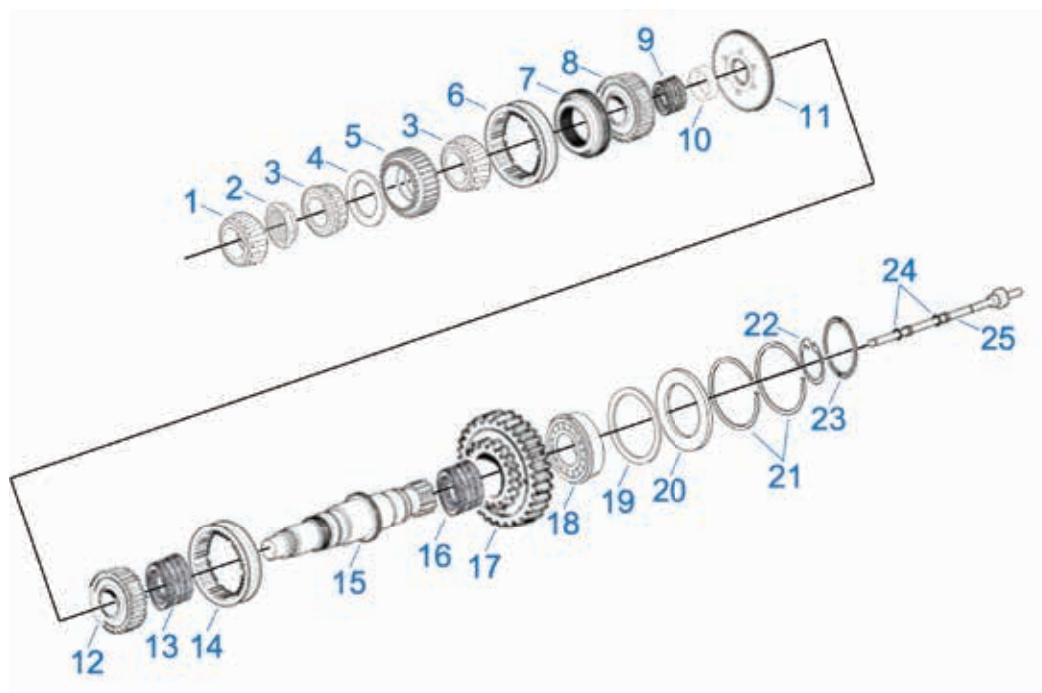
Item	Part Number	Industry Number	Description	Qty	Notes
17	EAIS21511649	21511649	Shift Fork	1	
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20		21911591	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25		21678722	Fork	1	
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28		22242766	Plate	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	
31		22242765	Sensors Kit	1	
32	EAIS21911586	21911586	Cable Harness Kit	1	
33	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ ATO3112F Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776790	20776790	Gear -40 T		
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	L=359 mm
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10,11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10-12	EAIS21671426C	21671426	Synchro Kit	1	
10-12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ ATO3112F Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

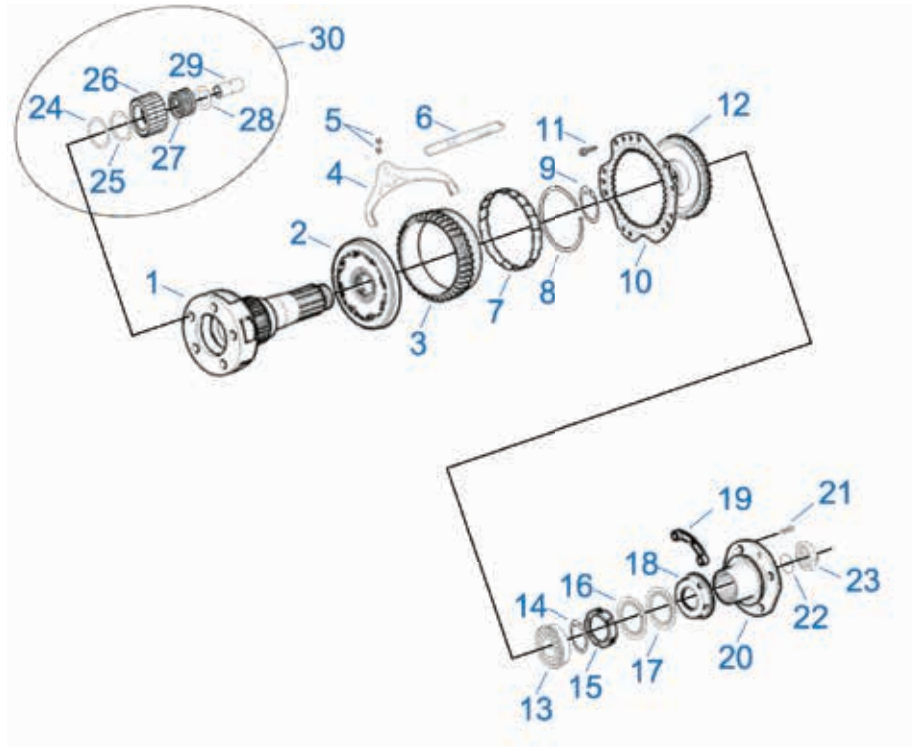
I-Shift/mDRIVE™ ATO3112F Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	Aftermarket
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	Aftermarket
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
15	EAIS20739229	n/a	Main Shaft	1	
15	EAIS20739229	n/a	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	Aftermarket
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	Aftermarket
19		25640768	Thrust Washer -2.42 mm	0	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	

I-Shift/mDRIVE™ ATO3112F Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ ATO3112F Planetary Carrier

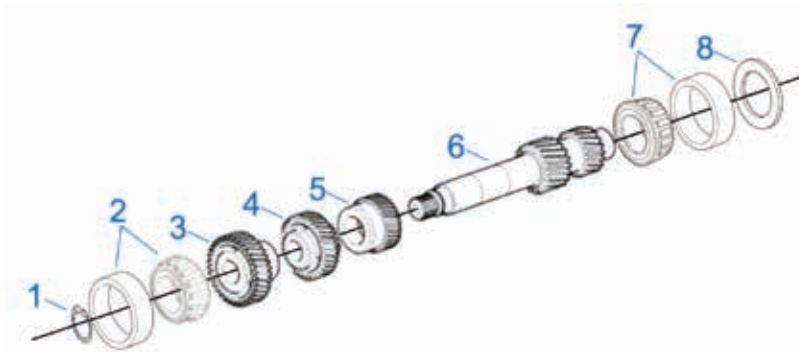


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ ATO3112F Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-18, 20, 22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-18, 20, 22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-18, 20, 22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-18, 20, 22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ ATO3112F Counter Shaft

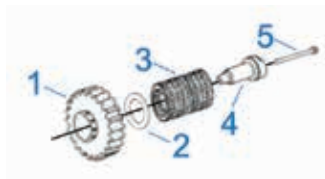


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
3	EAIS20483432	20483432	Gear -35 T		
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6		22763327	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ ATO3112F Counter Shaft

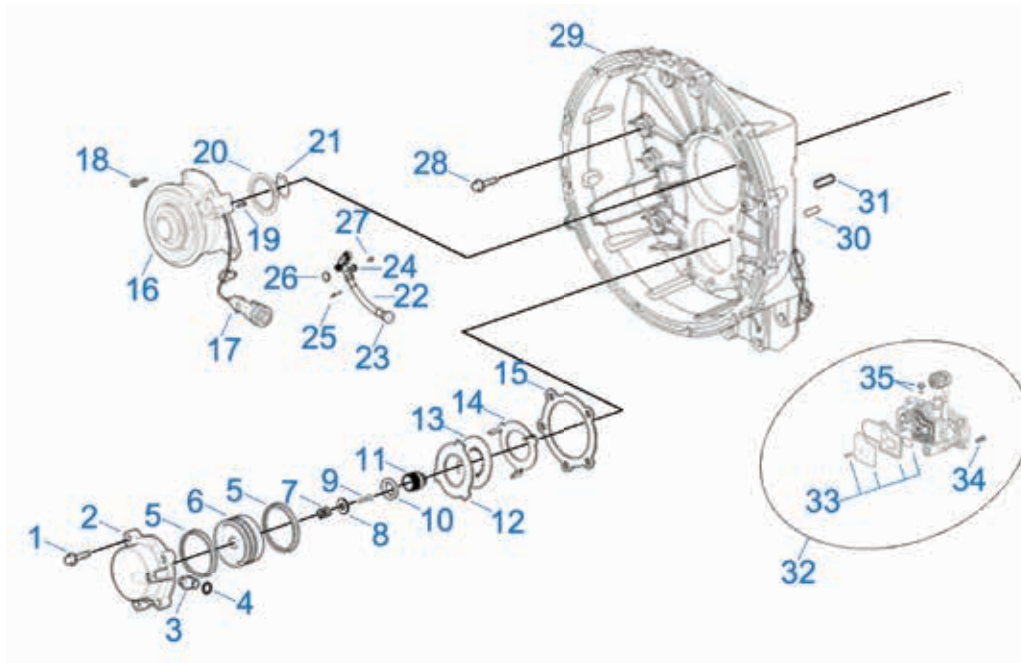
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ ATO3112F Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1		22763337	Reverse Gear -20 T	1	
2		20483575	Thrust Washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ ATO3112F Front Housing

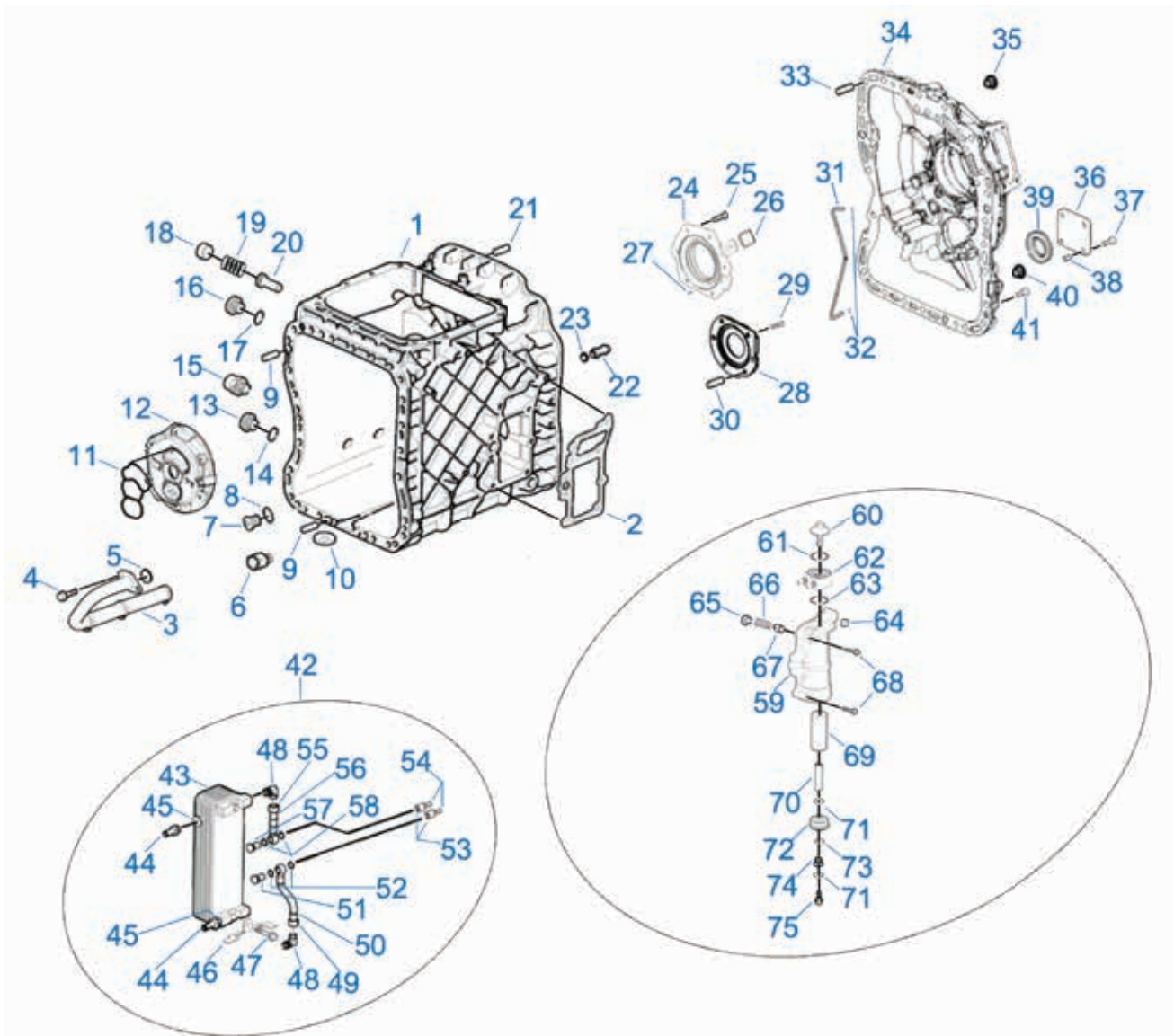


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2		22617685	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS2249234	2249234	Piston	1	
7		22197435	Spring	1	
8		20744144	Washer	1	
9		994501	Screw	1	
10		22550015	O-Ring	1	
11		22503041	Spring Seat	1	
12		22183737	Disk	5	
13		21985442	Spacer	4	
12,13		22678842	Spacer Kit	1	
14	EAIS22617655	22617655	Tab Washer	1	
15	EAIS20497205	20497205	Gasket	1	
16	K-4516CL	22429963	Clutch Actuator	1	
17		21695307	Sensor	1	
18		990861	Screw	3	
19		20780168	Screw	2	
20	EAIS20483426	20483426	Oil Seal	1	
21		1521473	Snap Ring -3.20 mm	0	
21		1521474	Snap Ring -3.30 mm	0	
21		1521475	Snap Ring -3.40 mm	0	
21	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
22		20992763	Tube	1	
23		22485772	Gasket Kit	1	

I-Shift/mDRIVE™ ATO3112F Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
24		20722721	Support	1	
25		1521975	Retainer Ring	1	
26		20860677	Gasket	1	
27		994923	Screw	3	
28		22305002	Screw	25	
29		22538397	Front Housing	1	
30		951950	Dowel Pin	2	
31		21176267	Dowel Pin	2	
32	EAIS22317072	22317072	Solenoid Valve	1	
33	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
34		984741	Screw	3	
35		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ ATO3112F Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		21350770	Oil Tube	1	
4		22090810	Screw	2	
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		22424148	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	

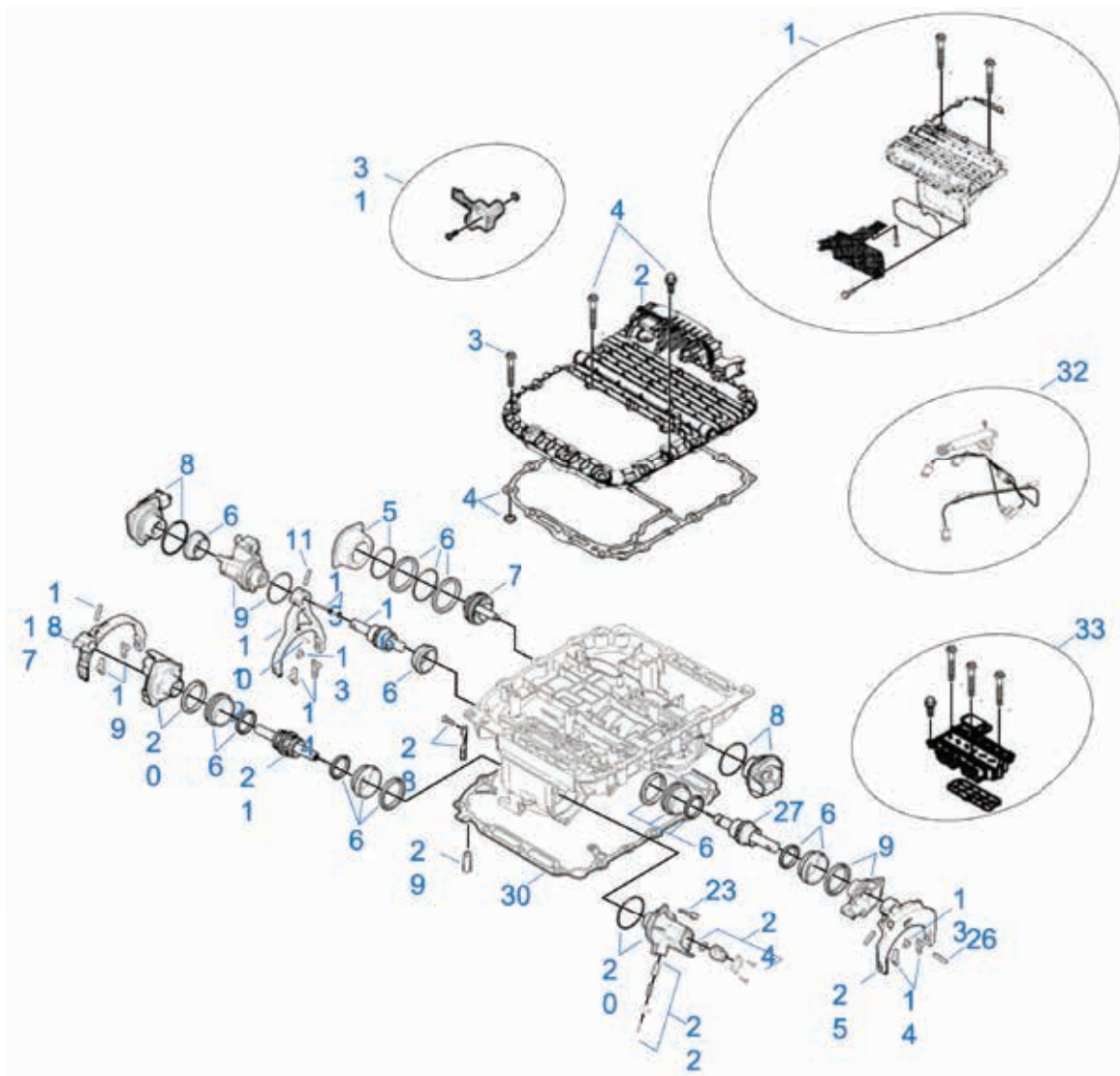
I-Shift/mDRIVE™ ATO3112F Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21636544	21636544	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
24-30		21550885	Housing Cover Kit	1	
31		21376703	Oil Tube	1	
32		968757	O-Ring	2	
33		21176267	Dowel Pin	3	
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		21392880	Rear Housing	1	Single Power - With Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
50-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	
56-58		22429384	Tube	1	

I-Shift/mDRIVE™ ATO3112F Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ ATO3112F Control Actuator

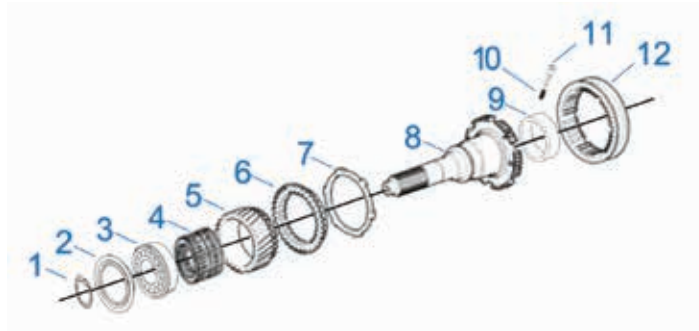


Item	Part Number	Industry Number	Description	Qty	Notes
		22780685	Control Actuator - Complete	1	
		21911582	Control Actuator - Kit	1	
1	EAIS22242764	22242764	Connection Support Kit	1	
2		21911579	Upper Cover	1	
3		20534545	Screw	14	
4	EAIS21911585	21911585	Gasket Kit	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS21911592	21911592	Covers Kit	1	
9	EAIS21911596	21911596	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	

I-Shift/mDRIVE™ ATO3112F Control Actuator

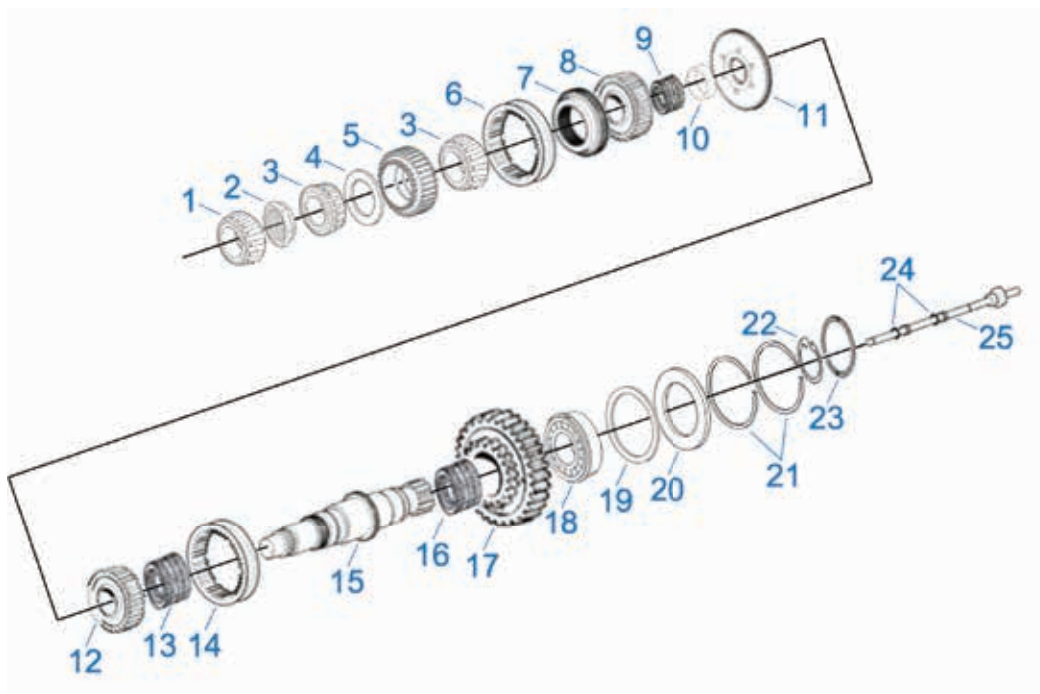
Item	Part Number	Industry Number	Description	Qty	Notes
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20		21911591	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25		21678722	Fork	1	
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28		22242766	Plate	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	
31		22242765	Sensors Kit	1	
32	EAIS21911586	21911586	Cable Harness Kit	1	
33	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ ATO3512F Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
	EAIS21008412	21008412	Seal and Bearing Kit	1	
1		1521473	Snap Ring -3.20 mm	0	
1		1521474	Snap Ring -3.30 mm	0	
1		1521475	Snap Ring -3.40 mm	0	
1	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
2	EAIS20483426	20483426	Oil Seal	1	
3	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
4	EAIS1654088	1654088	Bearing -92x100x27 mm	1	
5	EAIS20776790	20776790	Gear -40 T		
6	EAIS20760515	20760515	Synchro Cone	2	
7	EAIS8171737	8171737	Synchro Ring	2	
7	EAIS21992993	21992993	Synchro Ring	2	
8	EAIS22352397	22352397	Input Shaft -359.00 mm	1	L=359 mm
9		22142370	Oil Seal	1	
10	EAIS20845477	20845477	Synchro Spring	4	Use 6 with Heavy Duty 21671426
11	EAIS20766774	20766774	Synchro Pin	4	Use 6 with Heavy Duty 21671426
12	EAIS20760512	20760512	Synchro Sliding Sleeve	1	
10,11	EAIS20845497	20845497	Synchro Spring and Pin Kit	1	
10-12	EAIS21671426C	21671426	Synchro Kit	1	
10-12	EAIS21671426DEF	21671426	Synchro Kit	1	Heavy Duty

I-Shift/mDRIVE™ ATO3512F Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	Bearing -40ID x 38T mm	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	Bearing -65ID x 34T mm	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	
4		1521648	Spacer -9.99 mm	0	

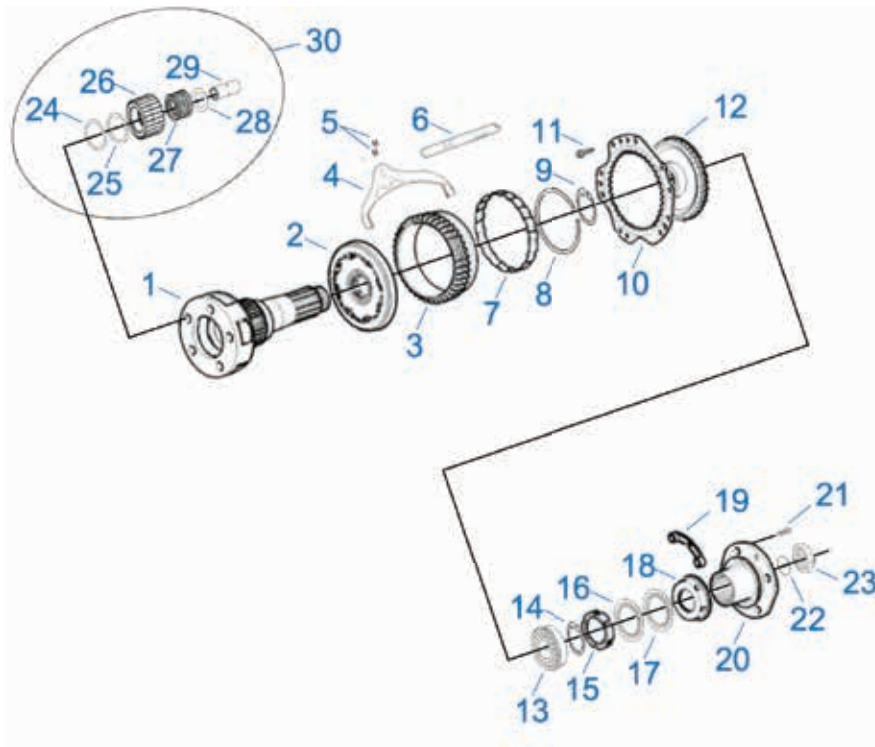
I-Shift/mDRIVE™ ATO3512F Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear -35 T	1	
5	EAIS22499139	22499139	Gear -35 T	1	
6	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
7	EAIS20532220	20532220	Synchro Hub	1	
8	EAIS20532212	20532212	Gear -41 T	1	
8	EAIS20540062	20540062	Gear -41 T	1	
8	EAIS22219261	22219261	Gear -41 T	1	
8	EAIS22219285	22219285	Gear -41 T	1	
9	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
10	EAIS1652578	1652578	Bushing	1	
11	EAIS21034006	21034006	Sensor Wheel -72 T	1	
12	EAIS21979816	21979816	Gear -46 T	1	
12	EAIS20906486	20906486	Gear -46 T	1	
13	EAIS1521452	1521452	Bearing -95x103x60 mm	1	
14	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
15	EAIS20532222	20532222	Main Shaft	1	
16	EAIS1652575	1652575	Bearing -90x98x46 mm	1	
17	EAIS22763342	22763342	Reverse Gear -34 T	1	
17	EAIS22763347	22763347	Reverse Gear -34 T	1	
18	EAIS21626057	21626057	Bearing -85x150x38.5 mm	1	
19		25640768	Thrust Washer -2.42 mm	0	
19		25640730	Thrust Washer -0.90 mm	0	
19		25640731	Thrust Washer -0.94 mm	0	
19		25640732	Thrust Washer -0.98 mm	0	
19		25640733	Thrust Washer -1.02 mm	0	
19		25640734	Thrust Washer -1.06 mm	0	
19		25640735	Thrust Washer -1.10 mm	0	
19		25640736	Thrust Washer -1.14 mm	0	
19		25640737	Thrust Washer -1.18 mm	0	
19		25640738	Thrust Washer -1.22 mm	0	
19		25640739	Thrust Washer -1.26 mm	0	
19		25640740	Thrust Washer -1.30 mm	0	
19		25640741	Thrust Washer -1.34 mm	0	
19		25640742	Thrust Washer -1.38 mm	0	
19		25640743	Thrust Washer -1.42 mm	0	
19		25640744	Thrust Washer -1.46 mm	0	
19		25640745	Thrust Washer -1.50 mm	0	
19		25640746	Thrust Washer -1.54 mm	0	
19		25640747	Thrust Washer -1.58 mm	0	

I-Shift/mDRIVE™ ATO3512F Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
19		25640748	Thrust Washer -1.62 mm	0	
19		25640749	Thrust Washer -1.66 mm	0	
19		25640750	Thrust Washer -1.70 mm	0	
19		25640751	Thrust Washer -1.74 mm	0	
19		25640752	Thrust Washer -1.78 mm	0	
19		25640753	Thrust Washer -1.82 mm	0	
19		25640754	Thrust Washer -1.86 mm	0	
19		25640755	Thrust Washer -1.90 mm	0	
19		25640756	Thrust Washer -1.94 mm	0	
19		25640757	Thrust Washer -1.98 mm	0	
19		25640758	Thrust Washer -2.02 mm	0	
19		25640759	Thrust Washer -2.06 mm	0	
19		25640760	Thrust Washer -2.10 mm	0	
19		25640761	Thrust Washer -2.14 mm	0	
19		25640762	Thrust Washer -2.18 mm	0	
19		25640763	Thrust Washer -2.22 mm	0	
19		25640764	Thrust Washer -2.26 mm	0	
19		25640765	Thrust Washer -2.30 mm	0	
19		25640766	Thrust Washer -2.34 mm	0	
19		25640767	Thrust Washer -2.38 mm	0	
20	EAIS21339270	21339270	Spacer Ring	1	
21	EAIS22328752	22328752	Snap Ring -4.5 mm	2	
22		20507504	Snap Ring -3.70 mm	0	
22		20507503	Snap Ring -3.80 mm	0	
22		20507502	Snap Ring -3.90 mm	0	
22		20507501	Snap Ring -4.00 mm	0	
22		20507500	Snap Ring -4.10 mm	0	
22		20507499	Snap Ring -4.20 mm	0	
22		20483569	Snap Ring -4.30 mm	0	
23	EAIS20740039	20740039	Split Ring -3.50 mm	2	
24	EAIS949656	949656	O-Ring -19.2x3.0 mm	2	
25	EAIS21016548	21016548	Oil Distributor Tube	1	
1-9, 12-14, 16, 17	EAIS21671433	21671433	Repair Kit -Main Shaft	1	

I-Shift/mDRIVE™ ATO3512F Planetary Carrier

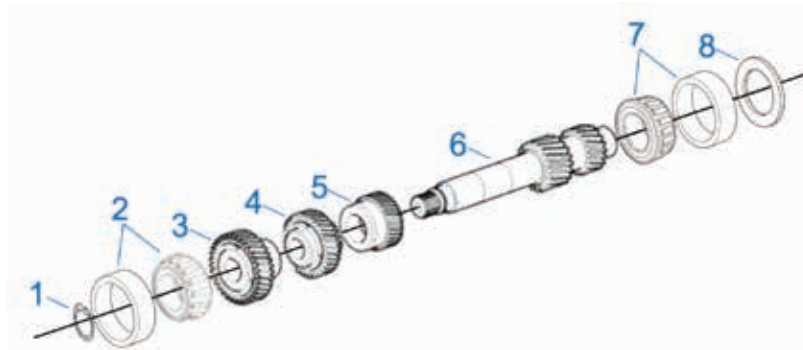


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS951080	951080	Snap Ring -4.00 mm	1	
10	EAIS21482847	21482847	Synchro Cone	1	
11		20534543	Screw	1	
12	EAIS21010667	21010667	Retarder Gear	1	With Retarder
13	EAIS20785448	20785448	Bearing -80x140x26 mm	1	
14	EAIS1652802	1652802	Snap Ring -3.70 mm	0	
14	EAIS1652803	1652803	Snap Ring -3.80 mm	0	
14	EAIS1652804	1652804	Snap Ring -3.90 mm	0	
14	EAIS914556	914556	Snap Ring -4.00 mm	0	
15	EAIS20774242	20774242	Sensor Wheel	1	Single Power
16	EAIS20791305	20791305	Oil Seal -96x145x10 mm	1	
17	EAIS20791222	20791222	Oil Seal -95x114.5x9.5 mm	1	
18	EAIS20784855	20784855	Sensor Wheel	1	Double Power
19		21359225	Plate	2	
20	EAIS22238212	22238212	Flange	1	
20		22238210	Flange	1	
21		969818	Screw	2	

I-Shift/mDRIVE™ ATO3512F Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
22	EAIS976055	976055	O-Ring	1	
23	EAIS8171338	8171338	Lock Nut	1	
24		20483601	Thrust Washer	10	
25		20483600	Thrust Washer	10	
26		20483611	Side Pinion	5	
27	EAIS1656113	1656113	Needle -0.6x18.9 mm	220	
28			Spacer	5	
27, 28		22544210	Needle Kit	5	
29		20515814	Pin	5	
30	EAIS22761701	22761701	Side Pinion Kit	1	
1, 12-18, 20, 22, 30	EAIS21050683	21050683	Planetary Carrier Kit	1	Single Power - With Retarder
1, 12-18, 20, 22, 30	EAIS21050621	21050621	Planetary Carrier Kit	1	Single Power - Without Retarder
1, 12-18, 20, 22, 30		21050684	Planetary Carrier Kit	1	Double Power - With Retarder
1, 12-18, 20, 22, 30	EAIS21050675	21050675	Planetary Carrier Kit	1	Double Power - Without Retarder
2, 7, 10	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 7, 10	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder
2, 3, 7-11, 23	EAIS21671435	21671435	Synchro Ring Kit	1	Without Retarder

I-Shift/mDRIVE™ ATO3512F Counter Shaft

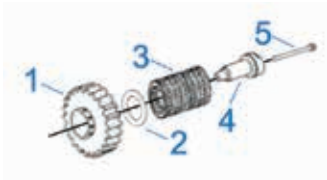


Item	Part Number	Industry Number	Description	Qty	Notes
1		1652796	Snap Ring -2.00 mm	0	
1		1652797	Snap Ring -2.10 mm	0	
1		1652798	Snap Ring -2.20 mm	0	
1		1652799	Snap Ring -2.30 mm	0	
1		1652800	Snap Ring -2.40 mm	0	
1	EAIS1652801	1652801	Snap Ring -2.50 mm	0	
2	EAIS21627792	21627792	Bearing -60x110x38 mm	1	
3	EAIS20483432	20483432	Gear -35 T		
4	EAIS20366990	20366990	Gear -39 T	1	
4	EAIS20483434	20483434	Gear -39 T	1	
5	EAIS20544783	20544783	Gear -28 T	1	
5	EAIS22219353	22219353	Gear -28 T	1	
5	EAIS20544781	20544781	Gear -28 T	1	
6		22763327	Countershaft	1	
7	EAIS22283632	22283632	Bearing -60x115x40 mm	1	
8		25640700	Thrust Washer -0.90 mm	0	
8		25640701	Thrust Washer -0.94 mm	0	
8		25640702	Thrust Washer -0.98 mm	0	
8		25640703	Thrust Washer -1.02 mm	0	
8		25640704	Thrust Washer -1.06 mm	0	
8		25640705	Thrust Washer -1.10 mm	0	
8		25640706	Thrust Washer -1.14 mm	0	
8		25640707	Thrust Washer -1.18 mm	0	
8		25640708	Thrust Washer -1.22 mm	0	
8		25640709	Thrust Washer -1.26 mm	0	
8		25640710	Thrust Washer -1.30 mm	0	
8		25640711	Thrust Washer -1.34 mm	0	

I-Shift/mDRIVE™ ATO3512F Counter Shaft

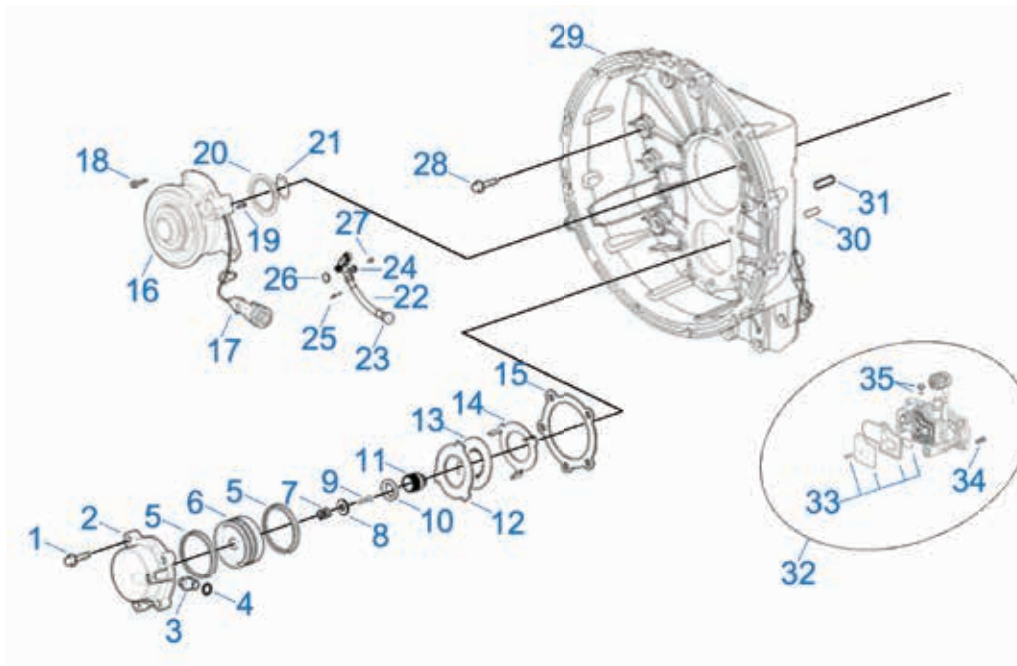
Item	Part Number	Industry Number	Description	Qty	Notes
8		25640712	Thrust Washer -1.38 mm	0	
8		25640713	Thrust Washer -1.42 mm	0	
8		25640714	Thrust Washer -1.46 mm	0	
8		25640715	Thrust Washer -1.50 mm	0	
8		25640716	Thrust Washer -1.54 mm	0	
8		25640717	Thrust Washer -1.58 mm	0	
8		25640718	Thrust Washer -1.62 mm	0	
8		25640719	Thrust Washer -1.66 mm	0	
8		25640720	Thrust Washer -1.70 mm	0	
8		25640721	Thrust Washer -1.74 mm	0	
8		25640722	Thrust Washer -1.78 mm	0	
8		25640723	Thrust Washer -1.82 mm	0	
8		25640724	Thrust Washer -1.86 mm	0	
8		25640725	Thrust Washer -1.90 mm	0	
8		25640726	Thrust Washer -1.94 mm	0	
8		25640727	Thrust Washer -1.98 mm	0	
8		25640728	Thrust Washer -2.02 mm	0	

I-Shift/mDRIVE™ ATO3512F Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1		22763337	Reverse Gear -20 T	1	
2		20483575	Thrust Washer	1	
3	EAIS20483574	20483574	Bearing -38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		984765	Screw	1	

I-Shift/mDRIVE™ ATO3512F Front Housing

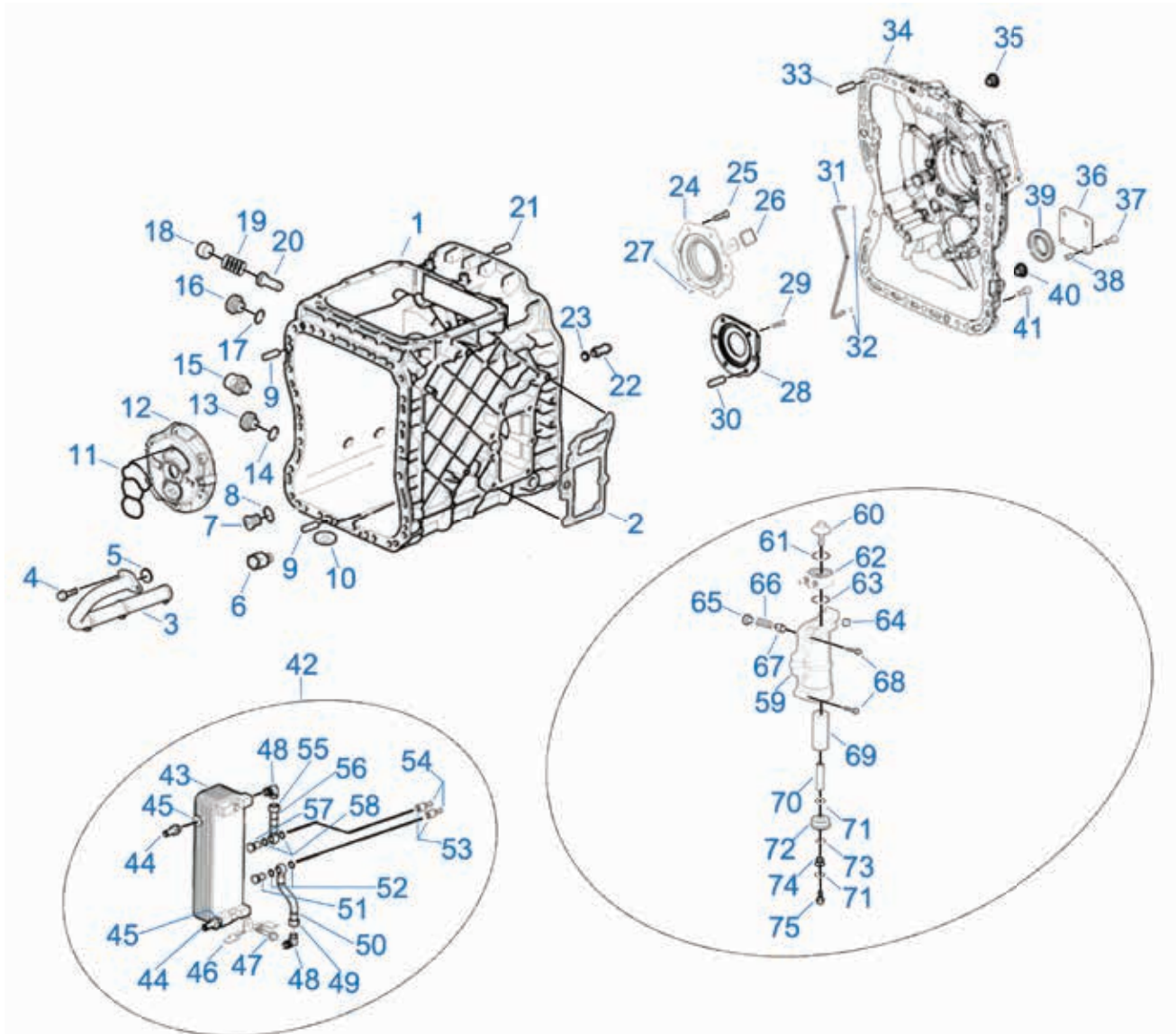


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS984756	984756	Screw -M10x50	5	
2		22617685	Cover	1	
3		963947	Union	1	
4		947281	Gasket	1	
5	EAIS3192614	3192614	Gasket	2	
6	EAIS2249234	2249234	Piston	1	
7		22197435	Spring	1	
8		20744144	Washer	1	
9		994501	Screw	1	
10		22550015	O-Ring	1	
11		22503041	Spring Seat	1	
12		22183737	Disk	5	
13		21985442	Spacer	4	
12,13		22678842	Spacer Kit	1	
14	EAIS22617655	22617655	Tab Washer	1	
15	EAIS20497205	20497205	Gasket	1	
16	K-4516CL	22429963	Clutch Actuator	1	
17		21695307	Sensor	1	
18		990861	Screw	3	
19		20780168	Screw	2	
20	EAIS20483426	20483426	Oil Seal	1	
21		1521473	Snap Ring -3.20 mm	0	
21		1521474	Snap Ring -3.30 mm	0	
21		1521475	Snap Ring -3.40 mm	0	
21	EAIS23423414	23423414	Snap Ring -3.50 mm	0	
22		20992763	Tube	1	
23		22485772	Gasket Kit	1	

I-Shift/mDRIVE™ ATO3512F Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
24		20722721	Support	1	
25		1521975	Retainer Ring	1	
26		20860677	Gasket	1	
27		994923	Screw	3	
28		22305002	Screw	25	
29		22538397	Front Housing	1	
30		951950	Dowel Pin	2	
31		21176267	Dowel Pin	2	
32	EAIS22317072	22317072	Solenoid Valve	1	
33	EAIS20739643	20739643	Solenoid Valve Repair Kit	1	
34		984741	Screw	3	
35		20742253	Solenoid Valve Repair Kit	1	

I-Shift/mDRIVE™ ATO3512F Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		22684067	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		21350770	Oil Tube	1	
4		22090810	Screw	2	
5	EAIS949657	949657	O-Ring -22.2x3 mm	1	
6		20949977	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		21540428	Plug	1	
14		977005	Gasket	1	
15		22424148	Plug	1	
16		20366642	Plug	1	
17		977005	Gasket	1	

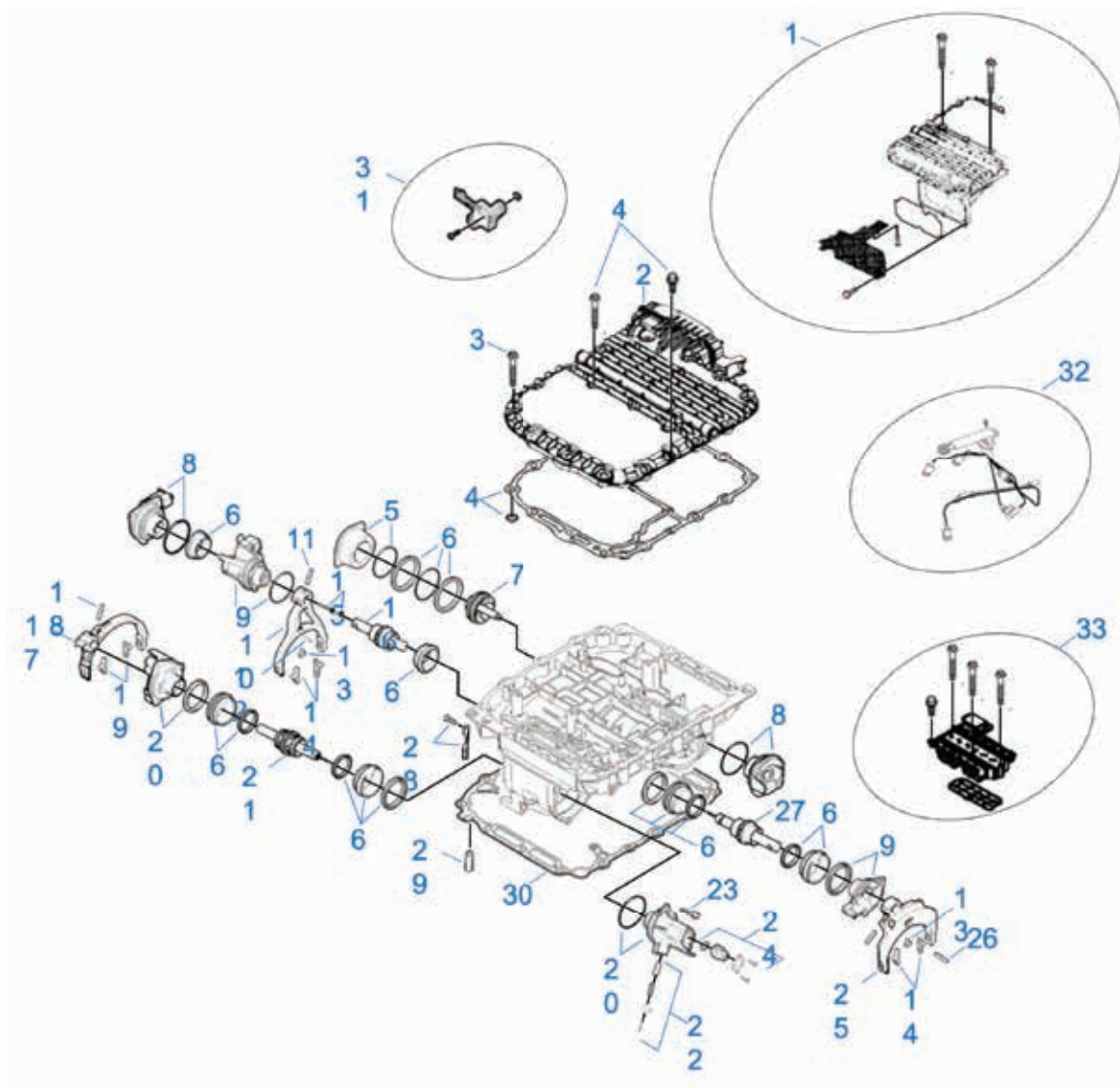
I-Shift/mDRIVE™ ATO3512F Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
18		968064	Plug	1	
19		20993901	Spring	1	
20		21679590	Piston	1	
21		21176267	Dowel Pin	3	
22		1672170	Tube	1	
23	EAIS944364	944364	O-Ring -10.3x2.4 mm	2	
24	EAIS21636544	21636544	Housing Cover	1	
25		21650454	Screw	6	
26		21565745	Filter	1	
27		951951	Dowel Pin	1	
28	EAIS22323440	22323440	Housing Cover	1	
29		21650454	Screw	6	
30		20985060	Dowel Pin	1	
24-30		21550885	Housing Cover Kit	1	
31		21376703	Oil Tube	1	
32		968757	O-Ring	2	
33		21176267	Dowel Pin	3	
34		22550742	Rear Housing	1	Single Power - Without Retarder
34		20483508	Rear Housing	1	Double Power - Without Retarder
34		21392881	Rear Housing	1	Double Power - With Retarder
34		21392880	Rear Housing	1	Single Power - With Retarder
35		943582	Plug	1	
36		1669376	Housing Cover	1	
37		994458	Screw	4	
38		948095	Dowel Pin	5	
39	EAIS949647	949647	O-Ring -99.5x3 mm	1	
40		1521691	Plug	1	
41		20534543	Screw	24	
42		21359570	Oil Cooler - Complete	1	
43		20810884	Oil Cooler	1	
44		20938688	Union	2	
45		11998	Gasket	2	
46		21805418	Bracket	1	
47		984761	Screw	2	
48		984672	Union	2	
49		984810	Nut	1	
50		21818298	Tube	1	
51		190714	Union	1	
52		947624	Gasket	2	
50-52		22429386	Tube	1	
53		20710706	Union	2	
54		11998	Gasket	2	
55		984810	Nut	1	
56		21818294	Tube	1	
57		190714	Union	1	
58		947624	Gasket	2	
56-58		22429384	Tube	1	

I-Shift/mDRIVE™ ATO3512F Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
59		21426924	Boot	1	
60		22343544	Screw	1	
61		967343	O-Ring	1	
62		21360064	Union	1	
62		21983348	Union	1	
63		20769993	O-Ring	1	
63		967343	O-Ring	1	
64		1521691	Plug	1	
65		20568482	Plug	1	
66		466653	Spring	1	
67		471085	Valve	1	
68		994388	Screw	8	
69	EAIS22051238	22051238	Oil Filter	1	
70		1069997	Tube	1	Type C
71		974584	O-Ring	1	
72		21723678	Cover	1	Type C
73		976974	O-Ring	1	Type C
74		20366641	Plug	1	Type C
75		22064603	Cover	1	Type D

I-Shift/mDRIVE™ ATO3512F Control Actuator

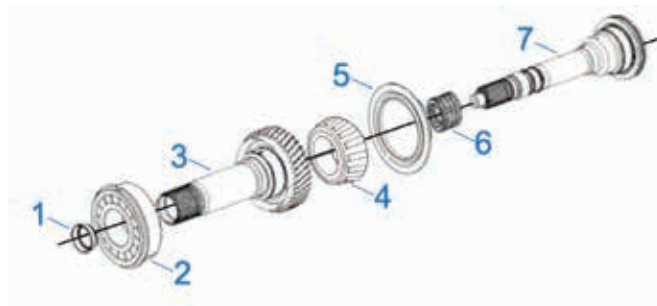


Item	Part Number	Industry Number	Description	Qty	Notes
		22780685	Control Actuator - Complete	1	
		21911582	Control Actuator - Kit	1	
1	EAIS22242764	22242764	Connection Support Kit	1	
2		21911579	Upper Cover	1	
3		20534545	Screw	14	
4	EAIS21911585	21911585	Gasket Kit	1	
5	EAIS20562636	20562636	Cylinder Kit	1	
6	EAIS20562630	20562630	Gasket Kit	1	
7	EAIS20562111	20562111	Gear Shift Rail	1	
8	EAIS21911592	21911592	Covers Kit	1	
9	EAIS21911596	21911596	Covers Kit	1	
10	EAIS21513170	21513170	Shift Fork	1	
11		952007	Dowel Pin	1	
12	EAIS951946	951946	Lock Pin -3x20	1	
13	EAIS20859730	20859730	Synchro Sliding Pad	2	
14	EAIS3152823	3152823	Synchro Sliding Pad	4	
15	EAIS20562640	20562640	Sensor Kit	1	
16	EAIS22781280	22781280	Gear Shift Rail	1	
17	EAIS21511649	21511649	Shift Fork	1	

I-Shift/mDRIVE™ ATO3512F Control Actuator

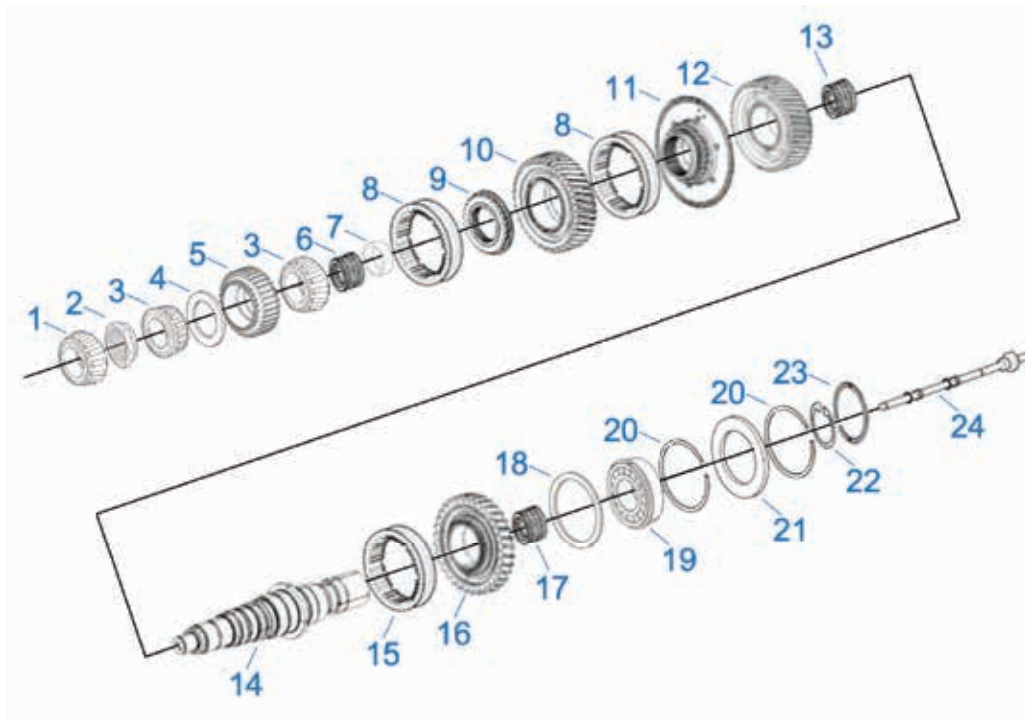
Item	Part Number	Industry Number	Description	Qty	Notes
18		952007	Dowel Pin	1	
19	EAIS8171537	8171537	Synchro Sliding Pad	2	
20		21911591	Covers Kit	1	
21	EAIS21786063	21786063	Gear Shift Rail	1	
22	EAIS20562629	20562629	Spring and Pin Kit	1	
23		994928	Screw	1	
24	EAIS20562642	20562642	Position Sensor Kit	1	
25		21678722	Fork	1	
26	EAIS951946	951946	Lock Pin -3x20	1	
27	EAIS21302092	21302092	Gear Shift Rail	1	
28		22242766	Plate	1	
29		3192982	Threaded Rod	2	
30	EAIS21244695	21244695	Gasket	1	
31		22242765	Sensors Kit	1	
32	EAIS21911586	21911586	Cable Harness Kit	1	
33	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
11, 13, 14, 19, 26	EAIS20968999	20968999	Synchro Sliding Pad Kit	1	
13, 14, 26	EAIS22641925	22641925	Synchro Sliding Pad Kit	1	

I-Shift/mDRIVE™ SPO2812 Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1		22450167	Oil Seal	1	
2		21687784	Bearing	1	
3		21730609	Input Shaft	1	
4		21656416	Bearing	1	
5			Synch Cone	1	
6		21856699	Needle Bearing	1	
7		22666686	Input Shaft	1	
7		21988148	Input Shaft	1	

I-Shift/mDRIVE™ SPO2812 Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS1656116	1656116	"Bearing Cone 40 ID x 38 T mm"	1	
2	EAIS1521449	1521449	Lock Nut	1	
3	EAIS1521596	1521596	"Bearing Cone 65 ID x 34 T mm"	2	
4		1521625	Spacer -9.30 mm	0	
4		1521626	Spacer -9.33 mm	0	
4		1521627	Spacer -9.36 mm	0	
4		1521628	Spacer -9.39 mm	0	
4		1521629	Spacer -9.42 mm	0	
4		1521630	Spacer -9.45 mm	0	
4		1521631	Spacer -9.48 mm	0	
4		1521632	Spacer -9.51 mm	0	
4		1521633	Spacer -9.54 mm	0	
4		1521634	Spacer -9.57 mm	0	
4		1521635	Spacer -9.60 mm	0	
4		1521636	Spacer -9.63 mm	0	
4		1521637	Spacer -9.66 mm	0	
4		1521638	Spacer -9.69 mm	0	
4		1521639	Spacer -9.72 mm	0	
4		1521640	Spacer -9.75 mm	0	
4		1521641	Spacer -9.78 mm	0	
4		1521642	Spacer -9.81 mm	0	
4		1521643	Spacer -9.84 mm	0	
4		1521644	Spacer -9.87 mm	0	
4		1521645	Spacer -9.90 mm	0	
4		1521646	Spacer -9.93 mm	0	
4		1521647	Spacer -9.96 mm	0	

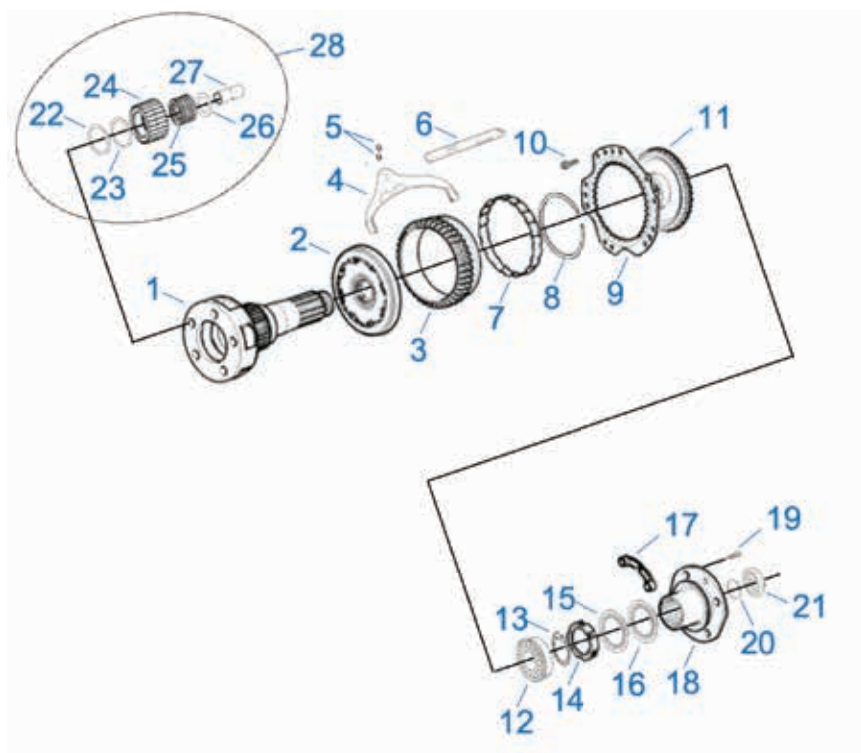
I-Shift/mDRIVE™ SPO2812 Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
4		1521648	Spacer -9.99 mm	0	
4		1521649	Spacer -10.02 mm	0	
4		1521650	Spacer -10.05 mm	0	
4		1521651	Spacer -10.08 mm	0	
4		1521652	Spacer -10.11 mm	0	
4		1521653	Spacer -10.14 mm	0	
4		1521654	Spacer -10.17 mm	0	
4		1521655	Spacer -10.20 mm	0	
4		1521656	Spacer -10.23 mm	0	
4		1521657	Spacer -10.26 mm	0	
4		1521658	Spacer -10.29 mm	0	
5	EAIS20771311	20771311	Gear - 35 T	1	
6	EAIS1652575	1652575	Needle Bearing - 90x98x46 mm	1	
7	EAIS1652578	1652578	Bushing	1	
8		22368564	Synchro Sliding Sleeve	1	
9		21686023	Synchro Hub	1	
10	EAIS22219261	22219261	Gear - 41 T	1	
11		21635885	Sensor Wheel	1	
12	EAIS20906486	20906486	Gear - 46 T	1	
13	EAIS1521452	1521452	"Needle Bearing 95x103x60 mm"	1	
14		21664524	Main Shaft	1	
15	EAIS22368562	22368562	Synchro Sliding Sleeve	1	
16	EAIS22763342	22763342	Reverse Gear - 34 T	1	
17	EAIS1652575	1652575	"Needle Bearing 90x98x46 mm"	1	
18		25640768	Thrust Washer -2.42 mm	0	
18		25640730	Thrust Washer -0.90 mm	0	
18		25640731	Thrust Washer -0.94 mm	0	
18		25640732	Thrust Washer -0.98 mm	0	
18		25640733	Thrust Washer -1.02 mm	0	
18		25640734	Thrust Washer -1.06 mm	0	
18		25640735	Thrust Washer -1.10 mm	0	
18		25640736	Thrust Washer -1.14 mm	0	
18		25640737	Thrust Washer -1.18 mm	0	
18		25640738	Thrust Washer -1.22 mm	0	
18		25640739	Thrust Washer -1.26 mm	0	
18		25640740	Thrust Washer -1.30 mm	0	
18		25640741	Thrust Washer -1.34 mm	0	
18		25640742	Thrust Washer -1.38 mm	0	
18		25640743	Thrust Washer -1.42 mm	0	
18		25640744	Thrust Washer -1.46 mm	0	
18		25640745	Thrust Washer -1.50 mm	0	
18		25640746	Thrust Washer -1.54 mm	0	
18		25640747	Thrust Washer -1.58 mm	0	
18		25640748	Thrust Washer -1.62 mm	0	
18		25640749	Thrust Washer -1.66 mm	0	
18		25640750	Thrust Washer -1.70 mm	0	
18		25640751	Thrust Washer -1.74 mm	0	
18		25640752	Thrust Washer -1.78 mm	0	

I-Shift/mDRIVE™ SPO2812 Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
18		25640753	Thrust Washer -1.82 mm	0	
18		25640754	Thrust Washer -1.86 mm	0	
18		25640755	Thrust Washer -1.90 mm	0	
18		25640756	Thrust Washer -1.94 mm	0	
18		25640757	Thrust Washer -1.98 mm	0	
18		25640758	Thrust Washer -2.02 mm	0	
18		25640759	Thrust Washer -2.06 mm	0	
18		25640760	Thrust Washer -2.10 mm	0	
18		25640761	Thrust Washer -2.14 mm	0	
18		25640762	Thrust Washer -2.18 mm	0	
18		25640763	Thrust Washer -2.22 mm	0	
18		25640764	Thrust Washer -2.26 mm	0	
18		25640765	Thrust Washer -2.30 mm	0	
18		25640766	Thrust Washer -2.34 mm	0	
18		25640767	Thrust Washer -2.38 mm	0	
19	EAIS21626057	21626057	Bearing - 85x150x38.5 mm	1	
20	EAIS22328752	22328752	Snap Ring - 4.5 mm	2	
21	EAIS21339270	21339270	Spacer Ring	1	
22		20507504	Snap Ring - 3.70 mm	0	
22		20507503	Snap Ring - 3.80 mm	0	
22		20507502	Snap Ring - 3.90 mm	0	
22		20507501	Snap Ring - 4.00 mm	0	
22		20507500	Snap Ring - 4.10 mm	0	
22		20507499	Snap Ring - 4.20 mm	0	
22		20483569	Snap Ring - 4.30 mm	0	
23	EAIS20740039	20740039	Split Ring - 3.50 mm	2	
24		21588690	Oil Tube	1	

I-Shift/mDRIVE™ SPO2812 Planetary Carrier

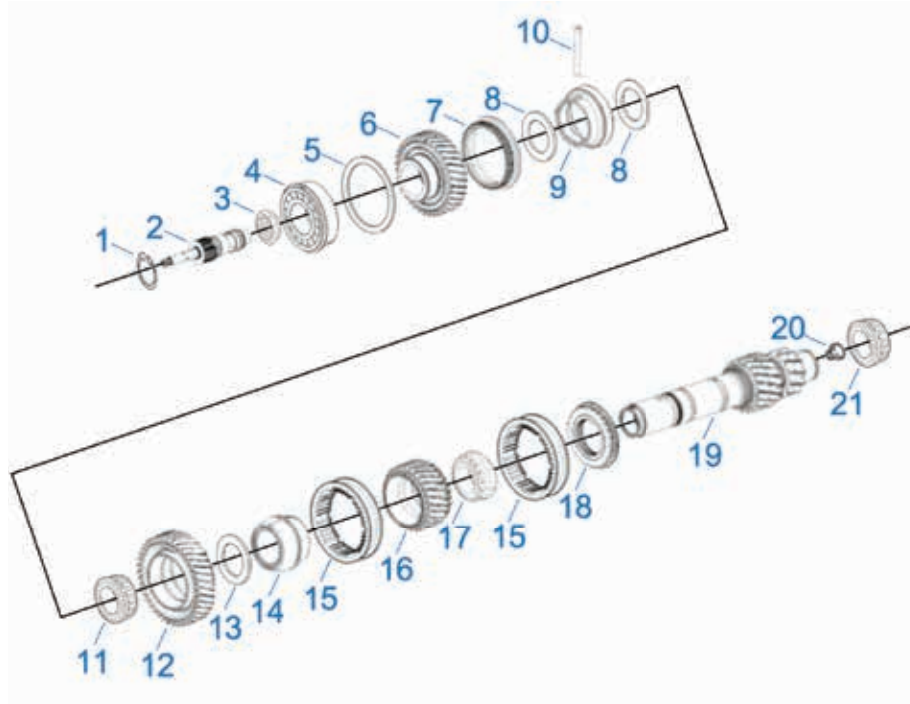


Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS21021416	21021416	Planetary Complete Assembly	1	
2	EAIS21751233	21751233	Synchro Cone w/o Retarder	1	Without Retarder
2	EAIS21753642	21753642	Synchro Cone w/ Retarder	1	With Retarder
3	EAIS21110728	21110728	Synchro Sleeve w/o Retarder	1	Without Retarder
3	EAIS21110726	21110726	Synchro Sleeve w/ Retarder	1	With Retarder
4	EAIS21510395	21510395	Shift Fork	1	
5		1652847	Threaded Rod	2	
6	EAIS20571534	20571534	Gear Shift Rail	1	
7	EAIS21482856	21482856	Synchro Ring	1	
8	EAIS20737310	20737310	Snap Ring	1	
9	EAIS21482847	21482847	Synchro Cone	1	
10		20534543	Screw	1	
11	EAIS21010667	21010667	Retarder Gear	1	
12	EAIS20785448	20785448	Bearing - 80x140x26 mm	1	
13	EAIS1652802	1652802	Snap Ring - 3.70 mm	0	
13	EAIS1652803	1652803	Snap Ring - 3.80 mm	0	
13	EAIS1652804	1652804	Snap Ring - 3.90 mm	0	
13	EAIS914556	914556	Snap Ring - 4.00 mm	0	
14	EAIS20774242	20774242	Sensor Wheel	1	
15	EAIS20791305	20791305	Oil Seal - 96x145x10 mm	1	
16	EAIS20791222	20791222	Oil Seal - 95x114.5x9.5 mm	1	
17		21359225	Plate	2	
18	EAIS22238212	22238212	Flange	1	
19		969818	Screw	2	
20	EAIS976055	976055	O-Ring	1	
21	EAIS8171338	8171338	Lock Nut	1	
22		20483601	Thrust Washer	10	

I-Shift/mDRIVE™ SPO2812 Planetary Carrier

Item	Part Number	Industry Number	Description	Qty	Notes
23		20483600	Thrust Washer	10	
24		20483611	Side Pinion	5	
25	EAIS1656113	1656113	Needle - 0.6x18.9 mm	220	
26		CEI 117550	Spacer	5	
25, 26		22544210	Needle Kit	5	
27		20515814	Pin	5	
28	EAIS22761701	22761701	Side Pinion Kit	1	
1, 11-16, 18, 20, 28	EAIS21050621	21050621	Planetary Carrier Kit	1	Without Retarder
1, 11-16, 18, 20, 28	EAIS21050683	21050683	Planetary Carrier Kit	1	With Retarder
2, 7, 9	EAIS21768926	21768926	Synchro Ring Kit	1	Without Retarder
2, 7, 9	EAIS21768927	21768927	Synchro Ring Kit	1	With Retarder

I-Shift/mDRIVE™ SPO2812 Counter Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1		951077	Snap Ring	1	
2		21662843	Rod	1	
3	EAIS1521449	1521449	Lock Nut	1	
4		21687781	Bearing	1	
5		25640700	Thrust Washer - 0.90 mm	0	
5		25640701	Thrust Washer - 0.94 mm	0	
5		25640702	Thrust Washer - 0.98 mm	0	
5		25640703	Thrust Washer - 1.02 mm	0	
5		25640704	Thrust Washer - 1.06 mm	0	
5		25640705	Thrust Washer - 1.10 mm	0	
5		25640706	Thrust Washer - 1.14 mm	0	
5		25640707	Thrust Washer - 1.18 mm	0	
5		25640708	Thrust Washer - 1.22 mm	0	
5		25640709	Thrust Washer - 1.26 mm	0	
5		25640710	Thrust Washer - 1.30 mm	0	
5		25640711	Thrust Washer - 1.34 mm	0	
5		25640712	Thrust Washer - 1.38 mm	0	
5		25640713	Thrust Washer - 1.42 mm	0	
5		25640714	Thrust Washer - 1.46 mm	0	
5		25640715	Thrust Washer - 1.50 mm	0	
5		25640716	Thrust Washer - 1.54 mm	0	
5		25640717	Thrust Washer - 1.58 mm	0	
5		25640718	Thrust Washer - 1.62 mm	0	
5		25640719	Thrust Washer - 1.66 mm	0	
5		25640720	Thrust Washer - 1.70 mm	0	
5		25640721	Thrust Washer - 1.74 mm	0	
5		25640722	Thrust Washer - 1.78 mm	0	

I-Shift/mDRIVE™ SPO2812 Counter Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
5		25640723	Thrust Washer - 1.82 mm	0	
5		25640724	Thrust Washer - 1.86 mm	0	
5		25640725	Thrust Washer - 1.90 mm	0	
5		25640726	Thrust Washer - 1.94 mm	0	
5		25640727	Thrust Washer - 1.98 mm	0	
5		25640728	Thrust Washer - 2.02 mm	0	
6		21728333	Gear	1	
7		22579432	Synchro Cone	1	
7		21728340	Synchro Cone	1	
8		21982386	Spacer	2	
9		21583975	Synchro Cone	1	
10		21168183	Pin	1	
11		21202224	Bearing	1	
12		21686029	Gear	1	
13		1521625	Spacer -9.30 mm	0	
13		1521626	Spacer -9.33 mm	0	
13		1521627	Spacer -9.36 mm	0	
13		1521628	Spacer -9.39 mm	0	
13		1521629	Spacer -9.42 mm	0	
13		1521630	Spacer -9.45 mm	0	
13		1521631	Spacer -9.48 mm	0	
13		1521632	Spacer -9.51 mm	0	
13		1521633	Spacer -9.54 mm	0	
13		1521634	Spacer -9.57 mm	0	
13		1521635	Spacer -9.60 mm	0	
13		1521636	Spacer -9.63 mm	0	
13		1521637	Spacer -9.66 mm	0	
13		1521638	Spacer -9.69 mm	0	
13		1521639	Spacer -9.72 mm	0	
13		1521640	Spacer -9.75 mm	0	
13		1521641	Spacer -9.78 mm	0	
13		1521642	Spacer -9.81 mm	0	
13		1521643	Spacer -9.84 mm	0	
13		1521644	Spacer -9.87 mm	0	
13		1521645	Spacer -9.90 mm	0	
13		1521646	Spacer -9.93 mm	0	
13		1521647	Spacer -9.96 mm	0	
13		1521648	Spacer -9.99 mm	0	
13		1521649	Spacer -10.02 mm	0	
13		1521650	Spacer -10.05 mm	0	
13		1521651	Spacer -10.08 mm	0	
13		1521652	Spacer -10.11 mm	0	
13		1521653	Spacer -10.14 mm	0	
13		1521654	Spacer -10.17 mm	0	
13		1521655	Spacer -10.20 mm	0	
13		1521656	Spacer -10.23 mm	0	
13		1521657	Spacer -10.26 mm	0	
13		1521658	Spacer -10.29 mm	0	
14		21786476	Bearing	1	

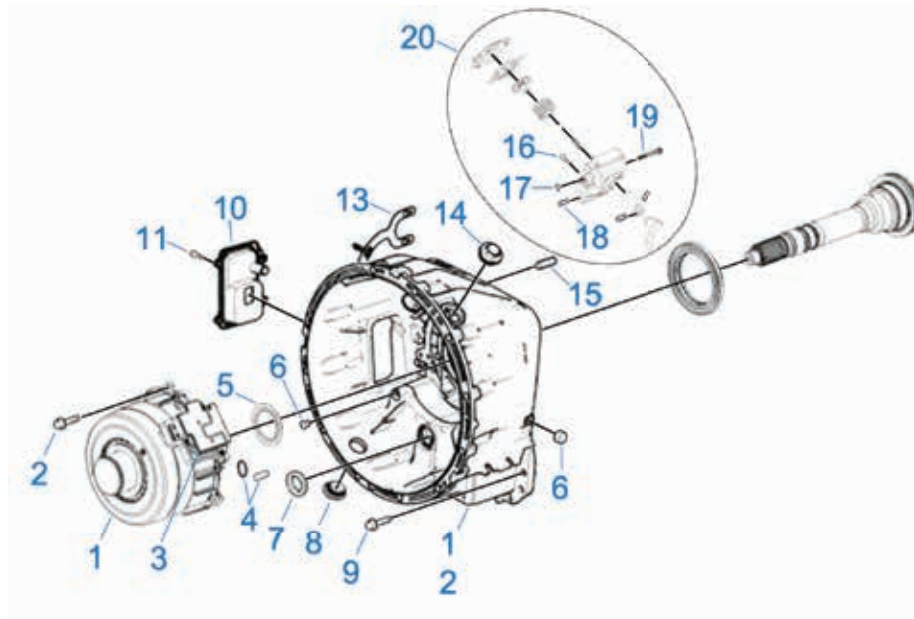
I-Shift/mDRIVE™ SPO2812 Counter Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
15		22368564	Synchro Sliding Sleeve	2	
16		21618706	Gear	1	
17	EAIS1521596	1521596	"Bearing Cone 65 ID x 34 T mm"	1	
11-17		21988147	Countershaft Kit	1	
18		21686023	Synchro Hub	1	
19		21666463	Countershaft	1	
20		21368123	Plug	1	
21	EAIS22283632	22283632	Bearing - 60x115x40 mm	1	



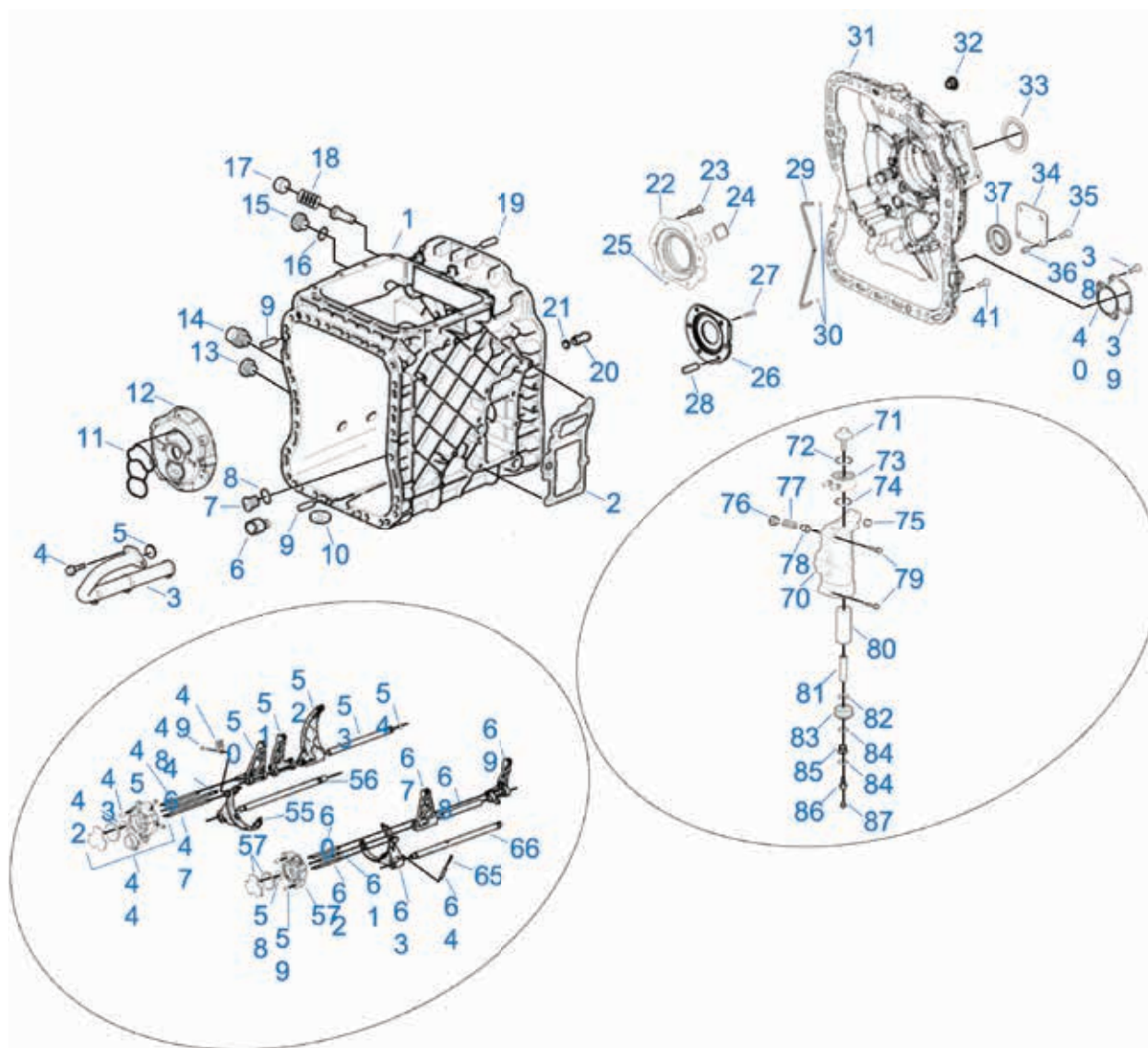
Item	Part Number	Industry Number	Description	Qty	Notes
1	EAIS20483570	20483570	Reverse Gear - 20 T	1	
2		20483575	Thrust Washer	1	
3	EAIS20483574	20483574	Needle Bearing - 38x46x32 mm	2	
4	EAIS20785053	20785053	Reverse Gear Shaft	1	
5		996421	Screw	1	

I-Shift/mDRIVE™ SPO2812 Front Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		22659412	Thrust Bearing	1	
2		984755	Screw	3	
3		21900020	Sensor	1	
4		22276930	Gasket Kit	1	
5		21734286	Oil Seal	1	
6		991061	Plug	4	
7		21821667	Plug	1	
8		21821685	Plug	1	
9		20534543	Screw	25	
10		21821655	Housing Cover	1	
11		984726	Screw	4	
12		22409885	Front Housing	1	
13		22195454	Support	1	
14		21821685	Plug	1	
15		21176267	Dowel Pin	2	
16		984736	Screw	4	
17		466922	O-Ring	1	
18		950543	Dowel Pin	2	
19		984762	Screw	3	
20		23219047	Control	1	

I-Shift/mDRIVE™ SPO2812 Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		21188041	Center Housing	1	
2	EAIS20483578	20483578	Gasket	1	
3		21350770	Oil Tube	1	
4		22090810	Screw	2	
5	EAIS949657	949657	O-Ring - 22.2x3 mm	1	
6		21641247	Valve	1	
7		966145	Plug	1	
8		18677	Gasket	1	
9		21176267	Dowel Pin	2	
10		8171169	Magnet	1	
11	EAIS20537032	20537032	Gasket	1	
12	EAIS22196494	22196494	Oil Pump	1	
13		20366642	Plug	1	
14		3192319	Plug	1	
15		22495446	Plug	1	
16	EAIS949647	949647	O-Ring - 99.5x3 mm	1	
17		943582	Plug	1	
18		20993901	Spring	1	

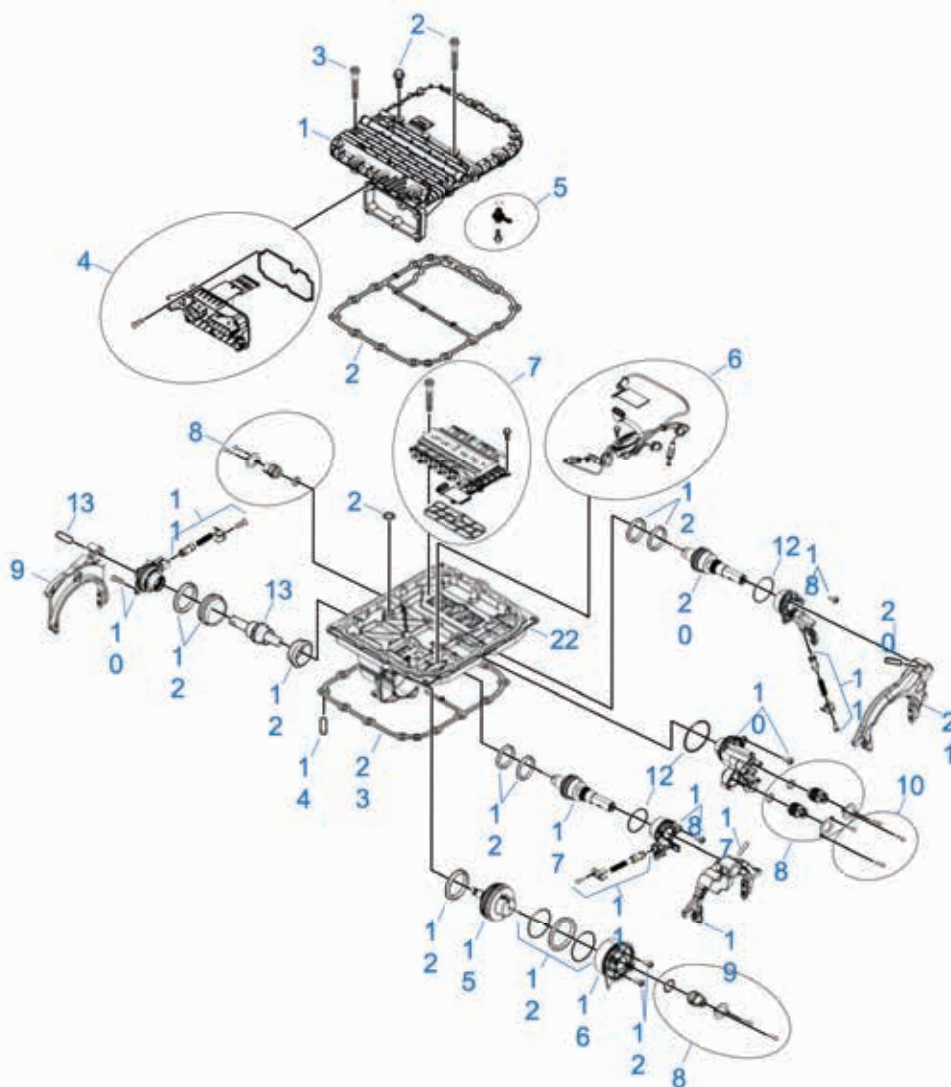
I-Shift/mDRIVE™ SPO2812 Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
19		21176267	Dowel Pin	3	
20		1672170	Tube	1	
21	EAIS944364	944364	O-Ring - 10.3x2.4 mm	2	
22		21745163	Housing Cover	1	
23		994271	Screw	2	
24		21565745	Filter	1	
25		951951	Dowel Pin	1	
26	EAIS22323440	22323440	Gearbox Housing Cover	1	
27		21650454	Screw	6	
28		20985060	Dowel Pin	1	
29		21376703	Oil Tube	1	
30		976029	O-Ring	2	
31		22550742	Rear Housing	1	Without Retarder
31		21392880	Rear Housing	1	With Retarder
32		943582	Plug	1	
33	EAIS20791305	20791305	Oil Seal - 96x145x10 mm	1	
34		1669376	Housing Cover	1	
35		994458	Screw	4	
36		948095	Dowel Pin	5	
37	EAIS949647	949647	O-Ring - 99.5x3 mm	1	
38		984754	Screw	2	With Retarder
39		1673163	Cover	1	With Retarder
40		1069790	Gasket	1	With Retarder
41		20534543	Screw	38	
42		961386	Spring	1	
43		22221524	Dowel Pin	1	
44		22207923	Housing	1	
45		21786121	Gear Shift Rail	1	
46		21786117	Gear Shift Rail	1	
47		22089184	Gear Shift Rail	1	
48		951950	Dowel Pin	2	
49		22256268	Plate	2	
50		21786003	Support	1	
51		21785998	Support	1	
52		21785994	Support	1	
53		21785737	Gear Shift Rail	1	
54		1526474	O-Ring	1	
55		22088455	Fork	1	
56		22250233	Gear Shift Rail	1	
57		22167204	Housing	1	
58		961386	Spring	1	
59		22221524	Dowel Pin	2	
60		21786123	Gear Shift Rail	1	
61		21786125	Gear Shift Rail	1	
62		22089182	Gear Shift Rail	1	
63		22088455	Fork	1	
64		3150548	Pin	1	
65		3150549	Pin	1	
66		22250235	Gear Shift Rail	1	

I-Shift/mDRIVE™ SPO2812 Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
67		21786013	Support	1	
68		21785743	Gear Shift Rail	1	
69		21786007	Support	1	
70		21426924	Boot	1	
71		22343544	Screw	1	
72		967343	O-Ring	1	
73		21360064	Union	1	
74		20769993	O-Ring	1	
75		1521691	Plug	1	
76		20568482	Plug	1	
77		466653	Spring	1	
78		471085	Valve	1	
79		994388	Screw	8	
80	EAIS22051238	22051238	Oil Filter	1	
81		1069997	Tube	1	Type C
82		974584	O-Ring	1	
83		21723678	Cover	1	Type C
84		976974	O-Ring	1	
85		20366641	Plug	1	Type C
86		22064603	Cover	1	
87		1521691	Plug	1	

I-Shift/mDRIVE™ SPO2812 Control Actuator

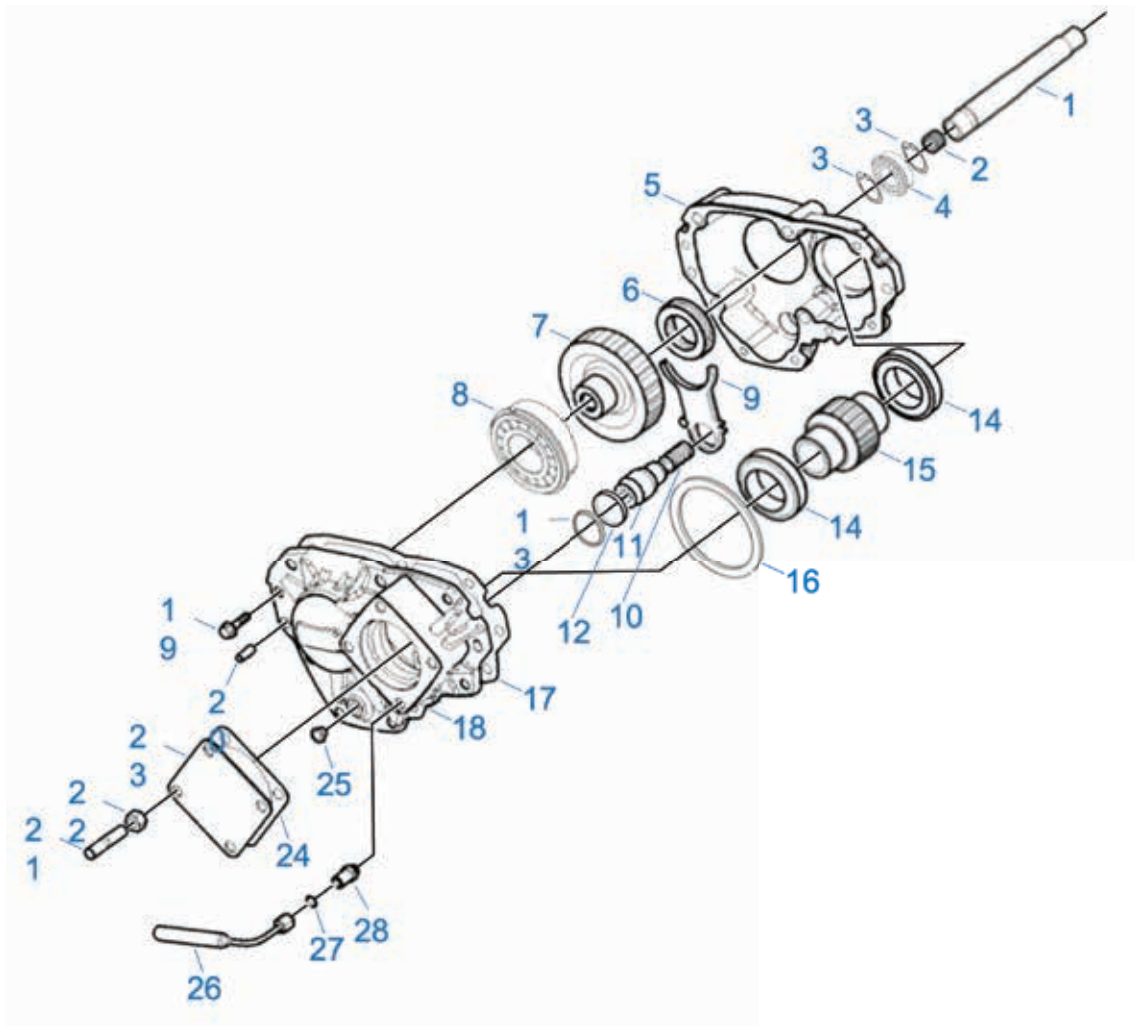


Item	Part Number	Industry Number	Description	Qty	Notes
		22189212	Control Actuator	1	
1		22207926	Upper Cover	1	
2	EAIS21911585	21911585	Gasket Kit	1	
3		20534545	Screw	14	
4		22242763	Connection Support Kit	1	
5		22242765	Sensors Kit	1	
6		21911587	Sensor Kit	1	
7	EAIS21911584	21911584	Solenoid Valve Repair Kit	1	
8		20562642	Sensor Kit	4	
9		21793745	Fork	1	
10		21911595	Covers Kit	1	
11	EAIS20562629	20562629	Spring and Pin Kit	1	
12		21911588	Gasket Kit	1	
13	EAIS21302092	21302092	Gear Shift Rail	1	
14		3192982	Threaded Rod	2	
15	EAIS20562111	20562111	Gear Shift Rail	1	
16	EAIS20562636	20562636	Cylinder Kit	1	
17		21911599	Gear Shift Rail	1	
18		21911597	Covers Kit	1	

I-Shift/mDRIVE™ SPO2812 Control Actuator

Item	Part Number	Industry Number	Description	Qty	Notes
19		22167219	Fork	1	
20		21911598	Gear Shift Rail	1	
21		22187054	Fork	1	
22		22189223	Actuator	1	
23	EAIS21244695	21244695	Gasket	1	

I-Shift/mDRIVE™ PTO 22770451

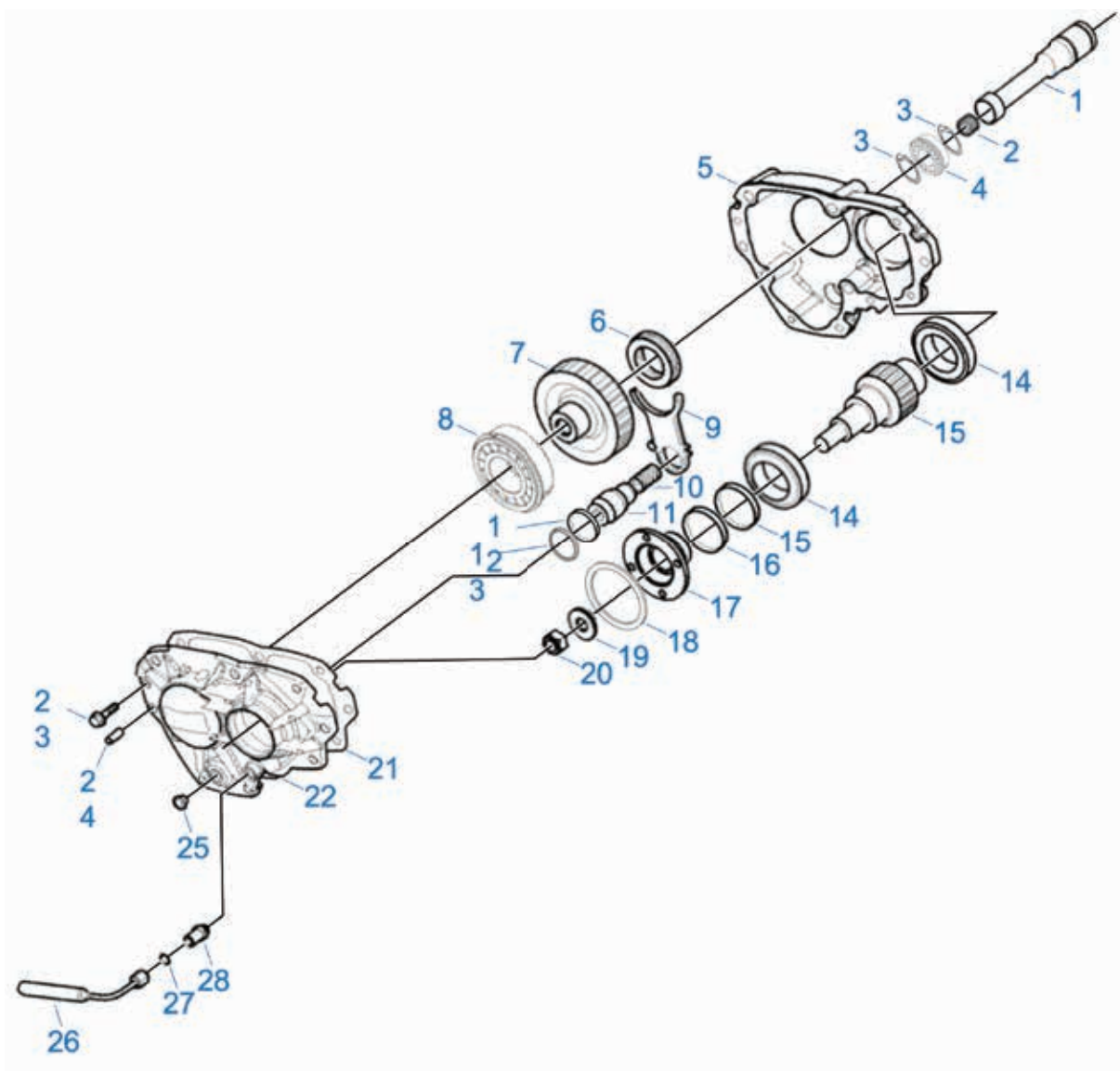


Item	Part Number	Industry Number	Description	Qty	Notes
		22770451	Power Take-Off - Complete	1	
		22770448	Power Take-Off - Complete	1	
1	EAIS20726050	20726050	PTO Shaft	1	
2	EAIS1655383	1655383	Bearing -30x35x13 mm	1	
3		914472	Snap Ring	2	
4	EAIS1655380	1655380	Bearing -50x90x23 mm	1	
5		21724563	Housing	1	
6	EAIS1667266	1667266	Synchro Sliding Sleeve	1	
7		1669403	Gear	1	
7		1653842	Gear	1	
8		1668354	Bearing	1	
9		21016493	Fork	1	
10		1527934	Spring	1	
11		21016509	Piston	1	
12		21016511	Gasket	1	
13		21000980	Oil Seal	1	
14		1655373	Bearing	2	
15		1653844	Gear	1	
15		1669404	Gear	1	
16		303534	Thrust Washer -0.35 mm	0	
16		1653862	Thrust Washer -0.40 mm	0	

I-Shift/mDRIVE™ PTO 22770451

Item	Part Number	Industry Number	Description	Qty	Notes
16		1653863	Thrust Washer -0.50 mm	0	
16		1653864	Thrust Washer -0.60 mm	0	
16		1653865	Thrust Washer -0.70 mm	0	
17		21724551	Gasket	1	
18		21582747	Cover	1	
19		968032	Screw	5	
20		950613	Dowel Pin	2	
21		953098	Stud	4	
22		990970	Nut	4	
23		1653878	Cover	1	
24		20551226	Gasket	1	
25		943582	Plug	1	
26		21596348	Tube	1	
27		11994	Gasket	1	
28		190132	Union	1	

I-Shift/mDRIVE™ PTO 21531232

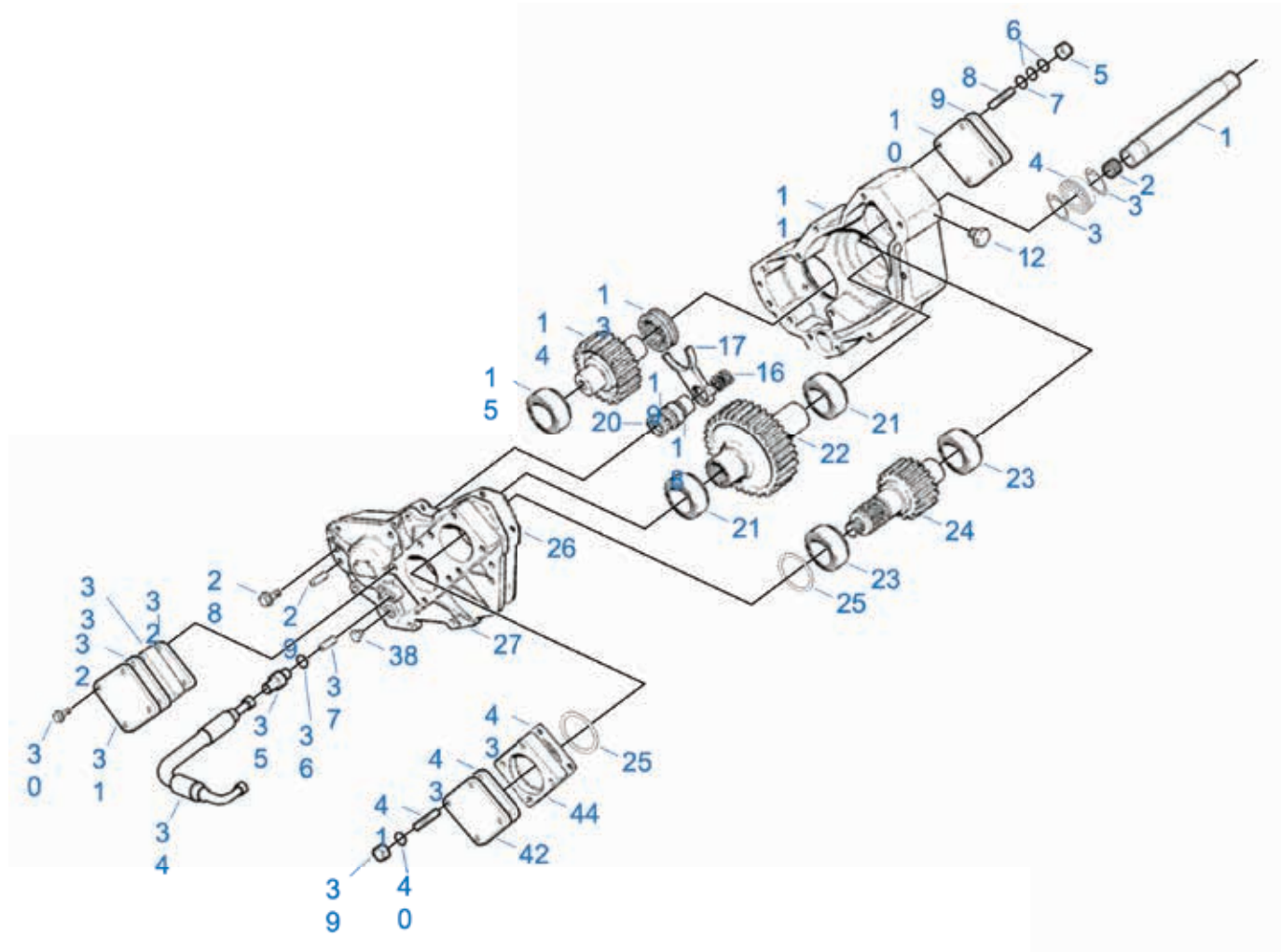


Item	Part Number	Industry Number	Description	Qty	Notes
		21531232	Power Take-Off - Complete	1	Type 1
		21531228	Power Take-Off - Complete	1	Type 2
		22770445	Power Take-Off - Complete	1	Type 3
1	EAIS20726050	20726050	PTO Shaft	1	
2	EAIS1655383	1655383	Bearing -30x35x13 mm	1	
3		914472	Snap Ring	2	
4	EAIS1655380	1655380	Bearing -50x90x23 mm	1	
5		21724563	Housing	1	
6	EAIS1667266	1667266	Synchro Sliding Sleeve	1	
7		1653842	Gear	1	Type 1 and Type 2
7		1653848	Gear	1	Type 3
8		1668354	Bearing	1	
9		21016493	Fork	1	
10		1527934	Spring	1	
11		21016509	Piston	1	
12		21016511	Gasket	1	
13		21000980	Oil Seal	1	
14		1655373	Bearing	2	

I-Shift/mDRIVE™ PTO 21531232

Item	Part Number	Industry Number	Description	Qty	Notes
15		948635	Oil Seal	1	
15		1653843	Gear	1	Type 1 and Type 2
15		1653849	Gear	1	Type 3
16		944050	Oil Seal	1	
17		20546394	Flange	1	
18		303534	Thrust Washer -0.35 mm	0	
18		1653862	Thrust Washer -0.40 mm	0	
18		1653863	Thrust Washer -0.50 mm	0	
18		1653864	Thrust Washer -0.60 mm	0	
18		1653865	Thrust Washer -0.70 mm	0	
19		946304	Washer	1	
20		948332	Nut	1	
21		21724551	Gasket	1	
22		20998312	Cover	1	
23		968032	Screw	5	
24		950613	Dowel Pin	2	
25		943582	Plug	1	
26		21596349	Tube	1	Type 1
26		21596348	Tube	1	Type 2 and Type 3
27		11994	Gasket	1	
28		190132	Union	1	

I-Shift/mDRIVE™ PTO 21309473

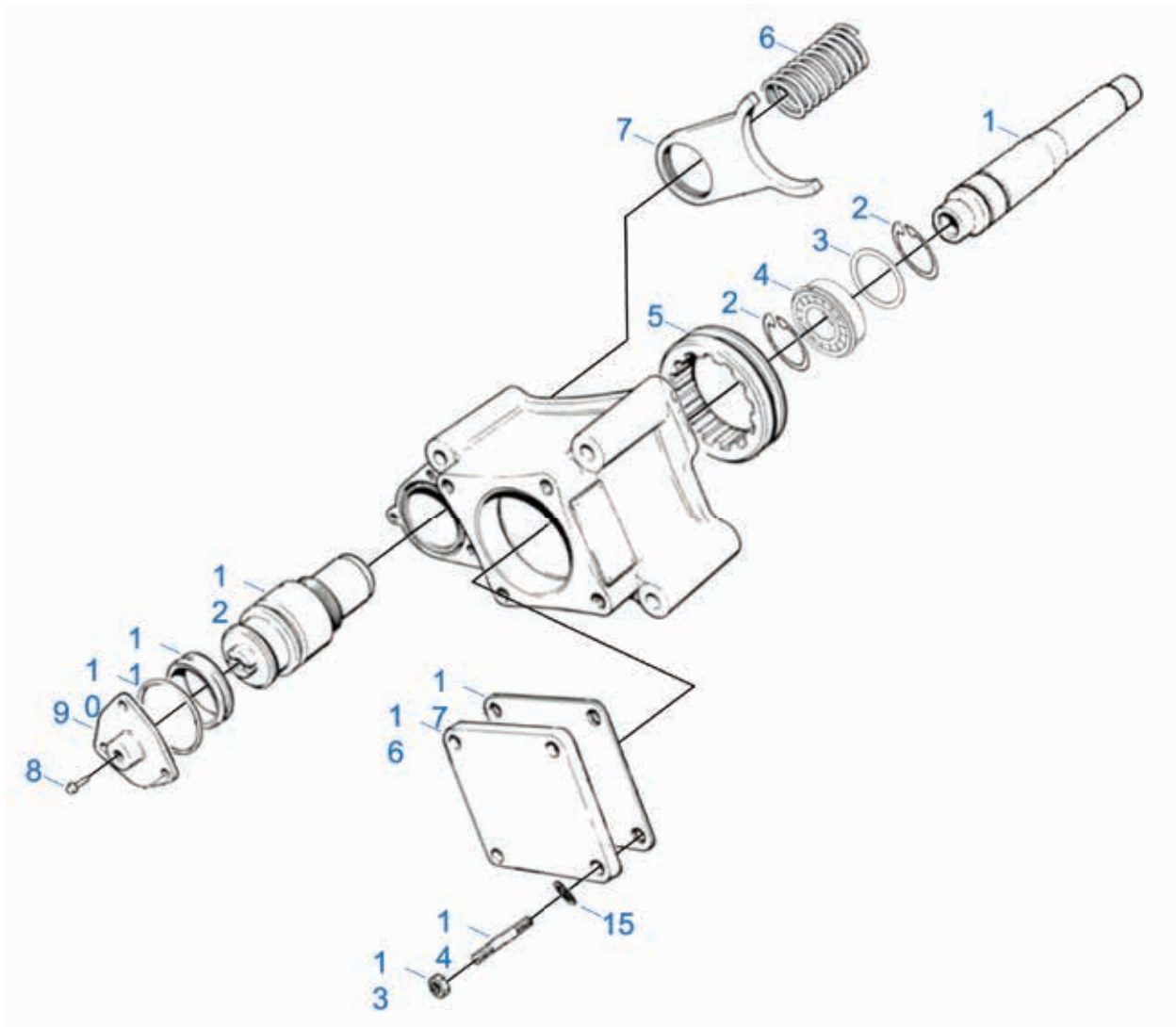


Item	Part Number	Industry Number	Description	Qty	Notes
		21309473	Power Take-Off - Complete	1	
1	EAIS20726050	20726050	PTO Shaft	1	
2	EAIS1655383	1655383	Bearing -30x35x13 mm	1	
3		914472	Snap Ring	2	
4	EAIS1655380	1655380	Bearing -50x90x23 mm	1	
5		990970	Nut	4	
6		994870	Washer	8	
7		940280	Washer	4	
8		953098	Stud	4	
9		1653878	Cover	1	
10		20551226	Gasket	1	
11		21374775	Housing	2	
12		990828	Plug	2	
13	EAIS1667266	1667266	Synchro Sliding Sleeve	1	
14		21374786	Gear	1	
15		1668354	Bearing	1	
16		1527934	Spring	1	
17		21375084	Fork	1	
18		21016509	Piston	1	
19		21016511	Gasket	1	

I-Shift/mDRIVE™ PTO 21309473

Item	Part Number	Industry Number	Description	Qty	Notes
20		21000980	Oil Seal	1	
21		184619	Bearing	2	
22		21374779	Gear	1	
23		184619	Bearing	2	
24		21374781	Gear	1	
25		1653885	Spacer -7.70 mm	0	
25		303534	Thrust Washer -0.35 mm	0	
25		1653862	Thrust Washer -0.45 mm	0	
25		1653863	Thrust Washer -0.50 mm	0	
25		1653864	Thrust Washer -0.60 mm	0	
25		1653865	Thrust Washer -0.70 mm	0	
26		21374387	Gasket	1	
27		21374777	Cover	1	
28		968032	Screw	8	
29		950613	Dowel Pin	2	
30		984816	Screw	4	
31		1653878	Cover	1	
32		20551226	Gasket	2	
33		21375052	Spacer	1	
34		21399912	Tube	1	
35		963948	Union	1	
36		11996	Gasket	1	
37		21488108	Stud	1	
38		943582	Plug	1	
39		990970	Nut	4	
40		940280	Washer	4	
41		953104	Stud	4	
42		1653878	Cover	1	
43		20551226	Gasket	2	
44		21375052	Spacer	1	

I-Shift/mDRIVE™ PTO 21027101



Item	Part Number	Industry Number	Description	Qty	Notes
		21027101	Power Take-Off - Complete	1	
1	EAIS20726050	20726050	PTO Shaft	1	
2		914472	Snap Ring	2	
3		267700	Spacer	1	
4		183483	Bearing	1	
5	EAIS1667266	1667266	Synchro Sliding Sleeve	1	
6		1527934	Spring	1	
7		1653858	Fork	1	
8		984734	Screw	3	
9		1667977	Cover	1	
10		125345	O-Ring	1	
11		21000980	Oil Seal	1	
12		21016509	Piston	1	
13		990942	Nut	4	
14		953096	Stud	4	
15		940280	Washer	4	
16		1653878	Cover	1	
17		20551226	Gasket	1	

I-Shift/mDRIVE™ Kit Bill of Material

Kit Industry Number	Kit Eaton Number	Component Industry Number	Component Eaton Number	Component Description	Component Qty
20845497	EAIS20845497				
		20845477	EAIS20845477	Synchro Spring	4
		20766774	EAIS20766774	Synchro Pin	4
21008411	EAIS21008411				
		1652802	EAIS1652802	Snap Ring -3.70 mm	1
		1652803	EAIS1652803	Snap Ring -3.80 mm	1
		1652804	EAIS1652804	Snap Ring -3.90 mm	1
		914556	EAIS914556	Snap Ring -4.00 mm	1
		21170624	EAIS21170624P	Bearing -70x140x26 mm	1
		1652776	EAIS1652776	Oil Seal	1
21008412	EAIS21008412				
		1652802	EAIS1652802	Snap Ring -3.70 mm	1
		1652803	EAIS1652803	Snap Ring -3.80 mm	1
		1652804	EAIS1652804	Snap Ring -3.90 mm	1
		914556	EAIS914556	Snap Ring -4.00 mm	1
		20785448	EAIS20785448P	Bearing -80x140x26 mm	1
		20791305	EAIS20791305	Oil Seal -96x145x10 mm	1
21021416	EAIS21021416				
		20515814		Rod	5
				Spacer	5
		20483611		Side Pinion	5
		1656113	EAIS1656113	Needle -0.6x18.9 mm	220
		20483600		Thrust Washer	10
		20483601		Thrust Washer	10
21050621	EAIS21050621				
		1652802	EAIS1652802	Snap Ring -3.70 mm	1
		1652803	EAIS1652803	Snap Ring -3.80 mm	1
		1652804	EAIS1652804	Snap Ring -3.90 mm	1
		914556	EAIS914556	Snap Ring -4.00 mm	1
		20785448	EAIS20785448P	Bearing -80x140x26 mm	1
		20791305	EAIS20791305	Oil Seal -96x145x10 mm	1
		20791222	EAIS20791222	Oil Seal -95x114.5x9.5 mm	1
		20774242	EAIS20774242	Sensor Wheel	1
		21021416	EAIS21021416	Planetary Complete Assembly	1
		22238212	EAIS22238212	Flange	1
		976055	EAIS976055	O-Ring	1
21050675	EAIS21050675				
		1652802	EAIS1652802	Snap Ring -3.70 mm	1
		1652803	EAIS1652803	Snap Ring -3.80 mm	1
		1652804	EAIS1652804	Snap Ring -3.90 mm	1
		914556	EAIS914556	Snap Ring -4.00 mm	1
		20785448	EAIS20785448P	Bearing -80x140x26 mm	1
		20791305	EAIS20791305	Oil Seal -96x145x10 mm	1
		20791222	EAIS20791222	Oil Seal -95x114.5x9.5 mm	1
		20784855	EAIS20784855	Sensor Wheel	1
		21021416	EAIS21021416	Planetary Complete Assembly	1
		22238212	EAIS22238212	Flange	1
		976055	EAIS976055	O-Ring	1

I-Shift/mDRIVE™ Kit Bill of Material

Kit Industry Number	Kit Eaton Number	Component Industry Number	Component Eaton Number	Component Description	Component Qty
21050683	EAIS21050683	1652802	EAIS1652802	Snap Ring -3.70 mm	1
		1652803	EAIS1652803	Snap Ring -3.80 mm	1
		1652804	EAIS1652804	Snap Ring -3.90 mm	1
		914556	EAIS914556	Snap Ring -4.00 mm	1
		20785448	EAIS20785448P	Bearing -80x140x26 mm	1
		20791305	EAIS20791305	Oil Seal -96x145x10 mm	1
		20791222	EAIS20791222	Oil Seal -95x114.5x9.5 mm	1
		20774242	EAIS20774242	Sensor Wheel	1
		21021416	EAIS21021416	Planetary Complete Assembly	1
		22238212	EAIS22238212	Flange	1
		976055	EAIS976055	O-Ring	1
		21010667	EAIS21010667	Retarder Gear	1
21671426	EAIS21671426C	20760515	EAIS20760515	Synchro Cone	2
		8171737	EAIS8171737	Synchro Ring	2
		20760512	EAIS20760512	Synchro Sliding Sleeve	1
		20845497	EAIS20845497	Synchro Spring and Pin Kit	1
21671433	EAIS21671433	1656116	EAIS1656116P	Bearing -40IDx38T mm	1
		1652575	EAIS1652575P	Bearing -90x98x46 mm	2
		1521452	EAIS1521452P	Bearing -95x103x60 mm	1
		22763342	EAIS22763342	Reverse Gear -34 T	1
		22368562	EAIS22368562	Synchro Sliding Sleeve	2
		20532220	EAIS20532220	Synchro Hub	1
		20532212	EAIS20532212	Gear -41 T	1
		20771311	EAIS20771311	Gear -35 T	1
		20906486	EAIS20906486	Gear -46 T	1
21671435	EAIS21671435	21482847	EAIS21482847	Synchro Cone	1
		21751233	EAIS21751233	Synchro Cone w/o Retarder	1
		21482856	EAIS21482856	Synchro Ring	1
		21110728	EAIS21110728	Synchro Sleeve w/o Retarder	1
		8171338	EAIS8171338	Lock Nut	1
		20737310	EAIS20737310	Snap Ring	1
21768926	EAIS21768926	21482847	EAIS21482847	Synchro Cone	1
		21751233	EAIS21751233	Synchro Cone w/o Retarder	1
		21482856	EAIS21482856	Synchro Ring	1
21768927	EAIS21768927	21482847	EAIS21482847	Synchro Cone	1
		21753642	EAIS21753642	Synchro Cone w/ Retarder	1
		21482856	EAIS21482856	Synchro Ring	1
22761701	EAIS22761701	20515814		Rod	5
		20483611		Side Pinion	5
		20483600		Thrust Washer	10
		20483601		Thrust Washer	10
		22544210		Needle Kit	5

I-Shift/mDRIVE™ Kit Bill of Material

Kit Industry Number	Kit Eaton Number	Component Industry Number	Component Eaton Number	Component Description	Component Qty
20562628	EAIS20562628				
		3152823	EAIS3152823	Synchro Sliding Pad	4
		8171537	EAIS8171537	Synchro Sliding Pad	2
		20542598	EAIS20542598	Synchro Sliding Pad	2
		951946	EAIS951946	Lock Pin -3x20	2
20968999	EAIS20968999				
		20859730	EAIS20859730	Synchro Sliding Pad	2
		3152823	EAIS3152823	Synchro Sliding Pad	4
		8171537	EAIS8171537	Synchro Sliding Pad	2
		951946	EAIS951946	Lock Pin -3x20	2
22106416					
		21513170	EAIS21513170	Shift Fork	1
		21512541	EAIS21512541	Shift Fork	1
		21511649	EAIS21511649	Shift Fork	1
		22781280	EAIS22781280	Gear Shift Rail	1
		21302092	EAIS21302092	Gear Shift Rail	1
		21786063	EAIS21786063	Gear Shift Rail	1
		20562111	EAIS20562111	Gear Shift Rail	1
		20845917	EAIS20845917	Stop Bracket	1
		20562630	EAIS20562630P	Gasket Kit	1
		20562633	EAIS20562633	Covers Kit	1
		20562631	EAIS20562631	Covers Kit	1
		20562635	EAIS20562635	Covers Kit	1
		20562636	EAIS20562636	Cylinder Kit	1
		20562642	EAIS20562642P	Position Sensor Kit	1
		20562640	EAIS20562640	Sensor Kit	1
		22117441	EAIS22117441P	Cable Harness Kit	1
22641925	EAIS22641925				
		20859730	EAIS20859730	Synchro Sliding Pad	1
		3152823	EAIS3152823	Synchro Sliding Pad	1
		951946	EAIS951946	Lock Pin -3x20	1
22780686					
		21513170	EAIS21513170	Shift Fork	1
		21511649	EAIS21511649	Shift Fork	1
		21678722			1
		22781280	EAIS22781280	Gear Shift Rail	1
		21302092	EAIS21302092	Gear Shift Rail	1
		21786063	EAIS21786063	Gear Shift Rail	1
		20562111	EAIS20562111	Gear Shift Rail	1
		20845917	EAIS20845917	Stop Bracket	1
		20562630	EAIS20562630P	Gasket Kit	1
		20562633	EAIS20562633	Covers Kit	1
		20562631	EAIS20562631	Covers Kit	1
		20562635	EAIS20562635	Covers Kit	1
		20562636	EAIS20562636	Cylinder Kit	1
		20562642	EAIS20562642P	Position Sensor Kit	1
		20562640	EAIS20562640	Sensor Kit	1
		22117441	EAIS22117441P	Cable Harness Kit	1

I-Shift/mDRIVE™ Kit Bill of Material

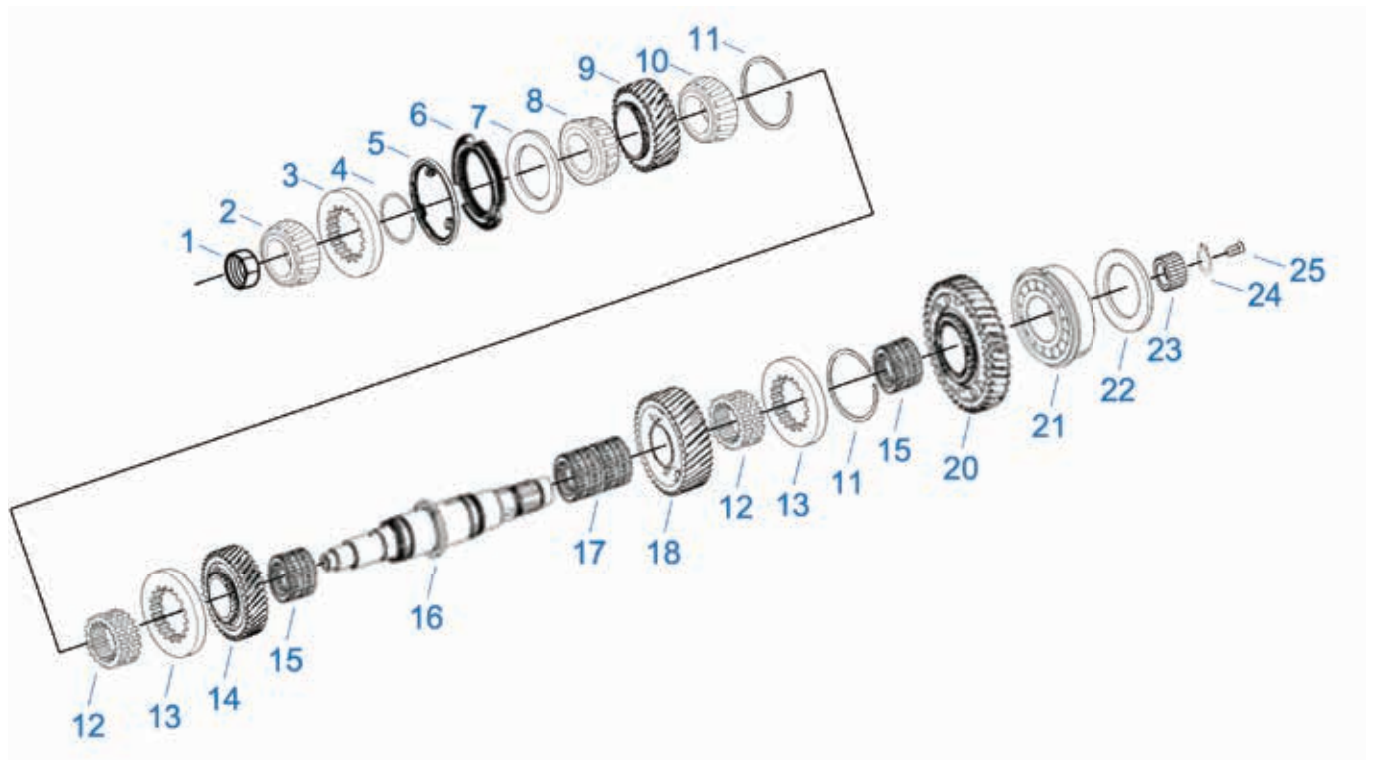
Kit Industry Number	Kit Eaton Number	Component Industry Number	Component Eaton Number	Component Description	Component Qty
	EAIS21671426DEF				
		20760515	EAIS20760515	Synchro Cone	2
		21992993	EAIS21992993	Synchro Ring	2
		20760512	EAIS20760512	Synchro Sliding Sleeve	1
		20845497	EAIS20845497	Synchro Spring and Pin Kit	1
21911582					
		21513170	EAIS21513170	Shift Fork	1
		21511649	EAIS21511649	Shift Fork	1
		21678722			1
		22781280	EAIS22781280	Gear Shift Rail	1
		21302092	EAIS21302092	Gear Shift Rail	1
		21786063	EAIS21786063	Gear Shift Rail	1
		20562111	EAIS20562111	Gear Shift Rail	1
		22242766		Plate	1
		20562630	EAIS20562630P	Gasket Kit	1
		20562636	EAIS20562636	Cylinder Kit	1
		21911591		Covers Kit	1
		21911592	EAIS21911592	Covers Kit	1
		21911596	EAIS21911596	Covers Kit	1
		21911586	EAIS21911586	Cable Harness Kit	1

DT12[®] 211-Direct Drive Model B Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1		387 262 8673	Snap Ring - 3.15 mm	0	
1		387 262 8773	Snap Ring - 3.20 mm	0	
1		387 262 8873	Snap Ring - 3.25 mm	0	
1		387 262 8973	Snap Ring - 3.30 mm	0	
1		387 262 9073	Snap Ring - 3.35 mm	0	
1		387 262 9173	Snap Ring - 3.40 mm	0	
1		387 262 9273	Snap Ring - 3.45 mm	0	
1		387 262 9373	Snap Ring - 3.50 mm	0	
2	EADT0119811305	011 981 1305	Bearing - 75x140x34.25 mm	1	
2	EADT0119811305	011 981 1305	Bearing - 75x140x34.25 mm	1	
3	EADT0229812110	022 981 2110	Needle Bearing - 84x90x48 mm	1	
4	EADT9472625210	947 262 5210	Gear - 29 T	1	
5	EADT9452627734	945 262 7734	Synchro Cone	2	
6	EADT9452602245	945 260 2245	Synchro Ring	2	Type A
6	EADT9472602845	947 260 2845	Synchro Ring	2	Type C - Carbon
6		CEI 119300	Synchro Ring	2	Type B
7	EADT3872621093	387 262 1093	Snap Ring	1	
8		947 262 5202	Input Shaft	1	
8		948 262 0702	Input Shaft	1	
8	EADT9472623202	947 262 3202	Input Shaft - 60 T	1	
9	EADT9762690034	976 269 0034	Oil Collector Tube	1	
10	EADT0009949841	000 994 9841	Snap Ring	1	
11	EADT0002628662	000 262 8662	Oil Seal - 73.5x101x7 mm	1	

DT12® 211-Direct Drive Model B Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT9459900250	945 990 0250	Nut - M30x1.5	1	
2	EADT0179811305	017 981 1305	"Bearing Cone 39.69IDx40.39T mm"	1	
3	EADT9452626823	945 262 6823	Synchro Sliding Sleeve	1	
4	EADT3872621093	387 262 1093	Snap Ring	1	
5	EADT9452602245	945 260 2245	Synchro Ring	2	Type A
5	EADT9472602845	947 260 2845	Synchro Ring	2	Type C - Carbon
6	EADT9452627734	945 262 7734	Synchro Cone	2	
7	EADT3892622854	389 262 2854	Spacer - 0.50 mm	0	
7		389 262 2555	Spacer - 0.70 mm	0	
7		389 262 2655	Spacer - 0.90 mm	0	
7	EADT3892623254	389 262 3254	Spacer - 1.05 mm	0	
7		389 262 3354	Spacer - 1.10 mm	0	
7	EADT3892623454	389 262 3454	Spacer - 1.15 mm	0	
7	EADT3892623554	389 262 3554	Spacer - 1.20 mm	0	
7	EADT3892623654	389 262 3654	Spacer - 1.25 mm	0	
7	EADT3892621952	389 262 1952	Spacer - 1.35 mm	0	
7	EADT3892622052	389 262 2052	Spacer - 1.40 mm	0	
7		389 262 1355	Spacer - 1.43 mm	0	
7		389 262 1455	Spacer - 1.46 mm	0	
7	EADT3892621555	389 262 1555	Spacer - 1.49 mm	0	
7		389 262 1655	Spacer - 1.52 mm	0	
7	EADT3892622352	389 262 2352	Spacer - 1.55 mm	0	
7		389 262 1755	Spacer - 1.58 mm	0	
7		389 262 1855	Spacer - 1.61 mm	0	
7		389 262 1955	Spacer - 1.64 mm	0	
7		389 262 2055	Spacer - 1.67 mm	0	

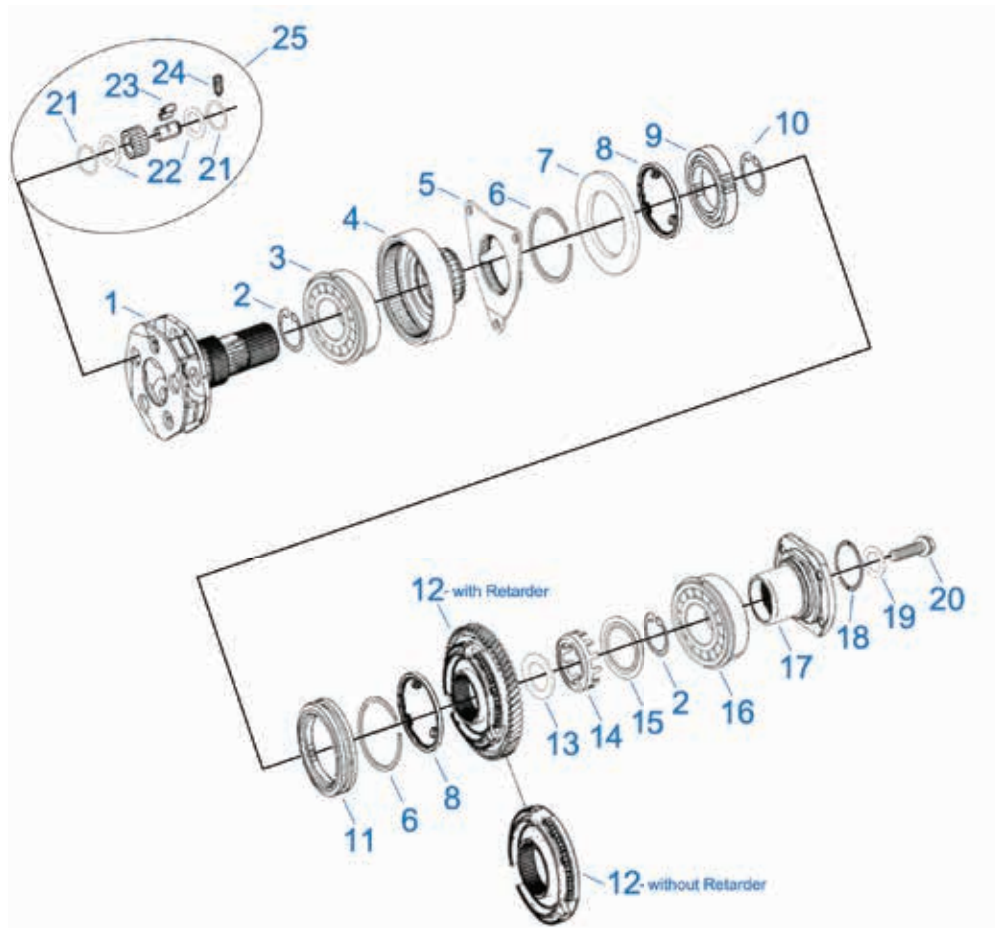
DT12[®] 211-Direct Drive Model B Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
7		389 262 2155	Spacer - 1.73 mm	0	
7		389 262 2255	Spacer - 1.76 mm	0	
7	EADT3892622355	389 262 2355	Spacer - 1.79 mm	0	
7		389 262 2455	Spacer - 1.82 mm	0	
7		389 262 2952	Spacer - 1.85 mm	0	
7	EADT3892623052	389 262 3052	Spacer - 1.90 mm	0	
7	EADT3892623152	389 262 3152	Spacer - 1.95 mm	0	
7	EADT3892623252	389 262 3252	Spacer - 2.00 mm	0	
7	EADT3892623352	389 262 3352	Spacer - 2.50 mm	0	
7		389 262 9355	Spacer - 4.65 mm	0	
7		389 262 9455	Spacer - 4.68 mm	0	
7		389 262 9555	Spacer - 4.71 mm	0	
7		389 262 9655	Spacer - 4.74 mm	0	
7		389 262 9755	Spacer - 4.77 mm	0	
7		389 262 9855	Spacer - 4.80 mm	0	
7		389 262 9955	Spacer - 4.83 mm	0	
7	EADT3892620056	389 262 0056	Spacer - 4.86 mm	0	
7		389 262 0156	Spacer - 4.89 mm	0	
7	EADT3892620256	389 262 0256	Spacer - 4.92 mm	0	
7		389 262 0356	Spacer - 4.95 mm	0	
7	EADT3892620456	389 262 0456	Spacer - 4.98 mm	0	
7		389 262 0556	Spacer - 5.01 mm	0	
7	EADT3892620656	389 262 0656	Spacer - 5.04 mm	0	
7		389 262 0756	Spacer - 5.07 mm	0	
7	EADT3892620856	389 262 0856	Spacer - 5.10 mm	0	
7		389 262 0956	Spacer - 5.13 mm	0	
7	EADT3892621056	389 262 1056	Spacer - 5.16 mm	0	
7		389 262 1156	Spacer - 5.19 mm	0	
7	EADT3892621256	389 262 1256	Spacer - 5.22 mm	0	
7		389 262 1356	Spacer - 5.25 mm	0	
7		389 262 1456	Spacer - 5.28 mm	0	
7		389 262 1656	Spacer - 5.34 mm	0	
8	EADT0159817605	015 981 7605	"Bearing Cone 50IDx41T mm"	1	
9	EADT9472620117	947 262 0117	Gear - 34 T	1	Used on Main Shaft 947 262 1605.
9		947 262 1510	Gear - 34 T	1	Used on Main Shaft 947 262 1505.
10	EADT0179818305	017 981 8305	"Bearing Cone 52IDx24T mm"	1	
10	EADT0159817705	015 981 7705	"Bearing Set 55x90x23 mm"	1	
11		387 262 0473	Snap Ring - 2.40 mm	0	
11		387 262 0573	Snap Ring - 2.45 mm	0	
11		387 262 0673	Snap Ring - 2.50 mm	0	
11		387 262 0773	Snap Ring - 2.55 mm	0	
11		387 262 0873	Snap Ring - 2.60 mm	0	
11		387 262 0973	Snap Ring - 2.65 mm	0	
11		387 262 7673	Snap Ring - 2.70 mm	0	
11		387 262 7773	Snap Ring - 2.75 mm	0	
11		387 262 7873	Snap Ring - 2.80 mm	0	

DT12® 211-Direct Drive Model B Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
12	EADT9472621435	947 262 1435	Synchro Hub - OD 108 mm	2	
12	EADT9472622635	947 262 2635	Synchro Hub - OD 111 mm	2	
13	EADT9472621123	947 262 1123	Synchro Sliding Sleeve	2	
14	EADT9472622012	947 262 2012	Gear - 38 T	1	
15	EADT0199814410	019 981 4410	"Needle Bearing 75x83x54.8 mm"	1	
16	EADT9472621705	947 262 1705	Main Shaft	1	Use Gear (34T) 947 262 1933 and Bearing 002 980 9502
16		947 262 1605	Main Shaft	1	Main Shaft 947 262 1605 replaced by Main Shaft 947 262 1705
16		947 262 1505	Main Shaft	1	Main Shaft 947 262 1505 replaced by Main Shaft 947 262 1605.
17	EADT0139811210	013 981 1210	Needle Bearing - 75x83x33 mm	1	
18	EADT9472625310	947 262 5310	Gear - 41 T	1	
19	EADT0229812310	022 981 2310	"Needle Bearing 64x72x44.6 mm"	1	
20	EADT9472621933	947 262 1933	Reverse Gear - 41 T	1	
21	EADT0189815705	018 981 5705	"Bearing 55x110x40 mm"	0	
21	EADT0169814405	016 981 4405	"Bearing 55x117x38 mm"	1	
21		002 980 9502	Bearing - Pulse	0	
22		947 990 0882	Thrust Washer	1	Used with Sun Gear 947 262 1209.
23	EADT9472621209	947 262 1209	Sun Gear - 25 T	1	Used in older versions.
23	EADT9472621609	947 262 1609	Sun Gear - 25 T	1	Used in newer versions - replaces Sun Gear 947 262 1209.
24		000471 048000	Snap Ring - 1.75 mm	1	
24		007 994 1841	Snap Ring - 2.50 mm	1	
25		001 990 2759	Plug	1	

DT12® 211-Direct Drive Model B Planetary Carrier

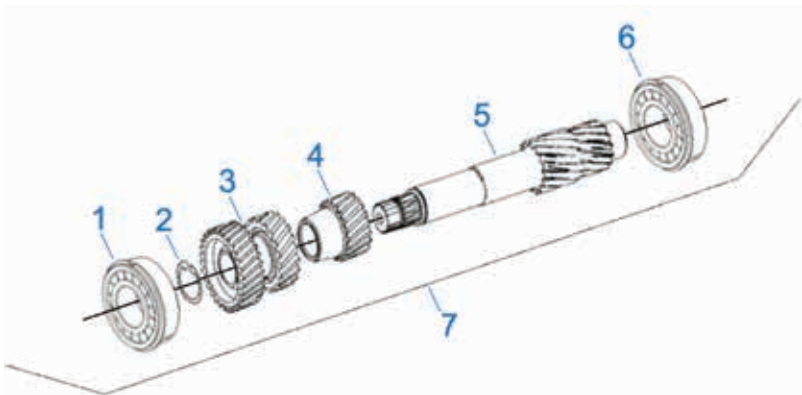


Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT9472606361	947 260 6361	Planetary Carrier	1	
1	EADT9472609561	947 260 9561	Planetary Carrier	1	
2		000472 130000	Snap Ring - 4.00 mm	1	
3	EADT0089811325	008 981 1325	Bearing - 90x130x14 mm	1	
3		008 981 1325	Bearing - 90x130x14 mm	1	
4	EADT9472622808	947 262 2808	Crown Gear - 85 T	1	
5	EADT9472600736	947 260 0736	Synchro Cone w/ Plate	1	
5		960 260 1836	Synchro Cone w/ Plate	1	
6	EADT3892620293	389 262 0293	Snap Ring	2	
7	EADT3892620251	389 262 0251	Spacer	1	
8	EADT9472600945	947 260 0945	Synchro Ring	2	Type A
8	EADT9472603045	947 260 3045	Synchro Ring	2	Type B
8		CEI 119298	Synchro Ring	2	Type C - Carbon
9	EADT3892622035	389 262 2035	Synchro Hub	1	
10		000471 120000	Snap Ring	1	
11	EADT9452626923	945 262 6923	Synchro Sliding Sleeve	1	
11		960 262 0823	Synchro Sliding Sleeve	1	
11		960 262 1323	Synchro Sliding Sleeve	1	
12	EADT9472640420	947 264 0420	Synchro Cone w/ Retarder	1	
12		960 264 2020	Synchro Cone w/ Retarder	1	
12	EADT9472620634	947 262 0634	Synchro Cone	1	
12		960 262 1834	Synchro Cone	1	
13		947 262 4052	Washer	1	

DT12[®] 211-Direct Drive Model B Planetary Carrier

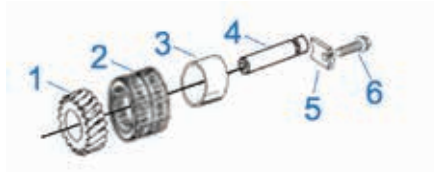
Item	Part Number	Industry Number	Description	Qty	Notes
14	EADT9472621128	947 262 1128	Rev Counter	1	
15	EADT0159977746	015 997 7746	Oil Seal	1	
16	EADT0099813325	009 981 3325	Bearing - 72x130x25 mm	1	
17	EADT9472621745	947 262 1745	Flange - 180.00 mm	1	
17		947 262 1645	Flange - 180.00 mm	1	
17		947 262 2045	Flange - 180.00 mm	1	
18		013 997 2145	O-Ring	1	
19		947 262 0862	Washer	1	
19	EADT9452620762	945 262 0762	Washer - 20x93 mm	1	
20		000000 006750	Screw - M20x1.5X80	1	
21	EADT3892621462	389 262 1462	Thrust Washer	10	
22		389 262 0162	Washer	10	
23		000 981 4186	Needle - 0.5x39.8 mm	125	
24		000914 006109	Pin - M6x14	5	
25	EADT9472600297	947 260 0297	Side Pinion Kit	1	
25	EADT9472600397	947 260 0397	Side Pinion Kit	1	

DT12® 211-Direct Drive Model B Counter Shaft



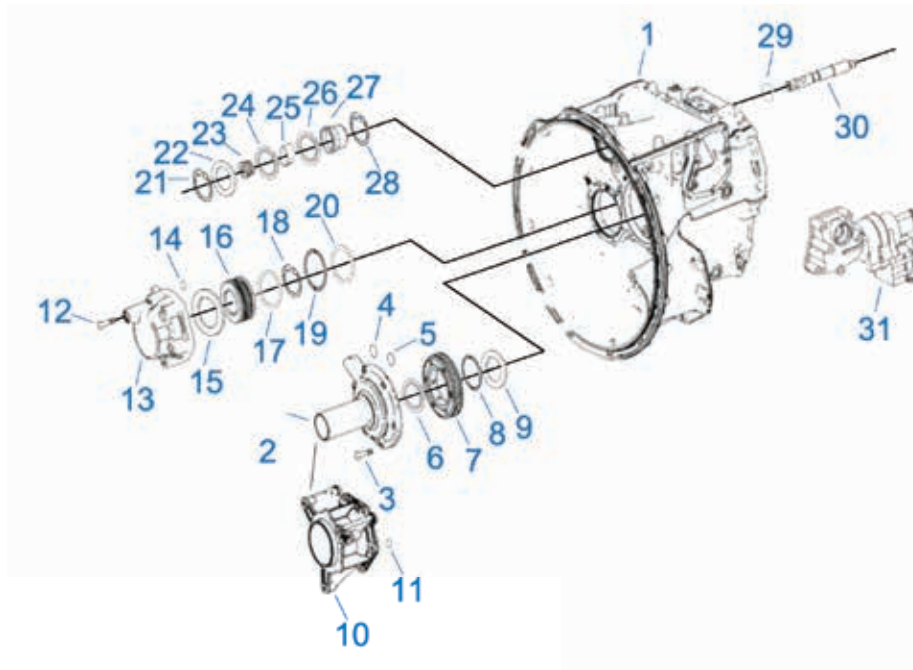
Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT0149811405	014 981 1405	Bearing - 50.8x100x34.93 mm	1	
2	EADT900055060300	900055 060300	Snap Ring - 3.00 mm	1	
3	EADT9472632910	947 263 2910	Double Gear - 33/36 T	1	
4	EADT9472630312	947 263 0312	Gear - 23 T	1	
4	EADT9472630512	947 263 0512	Gear - 23 T	1	
5	EADT9472632402	947 263 2402	Countershaft	1	
6	EADT0199816105	019 981 6105	Bearing - 60x110x34 mm	1	
7	EADT9472602624	947 260 2624	Countershaft Assembly	1	Uses Gear (23T) 947 263 0512.

DT12® 211-Direct Drive Model B Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT9472631431	947 263 1431	Reverse Gear - 19 T	1	
1		947 263 1531	Reverse Gear - 19 T	1	
2		003 981 2818	Needle Bearing	1	
2		021 981 5610	Needle Bearing - 42x50x40 mm	1	
3		947 263 0050	Bushing	1	
3		947 992 0103	Bushing - 29.8x40x42.5 mm	1	
4	EADT9762630030	976 263 0030	Reverse Gear Shaft	1	
5		945 263 0041	Key	1	
6		910105 010009	Screw	1	

DT12® 211-Direct Drive Model B Front Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		947 260 2311	Front Housing	1	
1		947 260 6211	Front Housing	1	
1		960 260 6012	Front Housing	1	
2		947 261 0818	Input Shaft Cover	1	
3		000000 000631	Screw	6	
4	EADT0199978348	019 997 8348	O-Ring - 14x4 mm	1	
5	EADT0159974048	015 997 4048	O-Ring - 5x3 mm	1	
6	EADT0199970547	019 997 0547	Oil Seal - 56x72x8 mm	1	
7	EADT3892610665	389 261 0665	Oil Baffle	1	
8	EADT0209977848	020 997 7848	O-Ring - 138x3 mm	1	
9	EADT3892623055	389 262 3055	Thrust Washer - 0.25 mm	0	
9		389 262 3155	Thrust Washer - 0.28 mm	0	
9		389 262 3255	Thrust Washer - 0.31 mm	0	
9		389 262 3355	Thrust Washer - 0.34 mm	0	
9		389 262 3455	Thrust Washer - 0.37 mm	0	
9	EADT3892623555	389 262 3555	Thrust Washer - 0.40 mm	0	
9		389 262 3655	Thrust Washer - 0.43 mm	0	
9		389 262 3755	Thrust Washer - 0.46 mm	0	
9		389 262 3855	Thrust Washer - 0.49 mm	0	
9		389 262 3955	Thrust Washer - 0.52 mm	0	
9		389 262 4055	Thrust Washer - 0.55 mm	0	
9		389 262 4155	Thrust Washer - 0.58 mm	0	
9		389 262 4255	Thrust Washer - 0.61 mm	0	
9		389 262 4355	Thrust Washer - 0.64 mm	0	
9		389 262 4455	Thrust Washer - 0.67 mm	0	
9		389 262 4555	Thrust Washer - 0.70 mm	0	
9		389 262 4655	Thrust Washer - 0.73 mm	0	

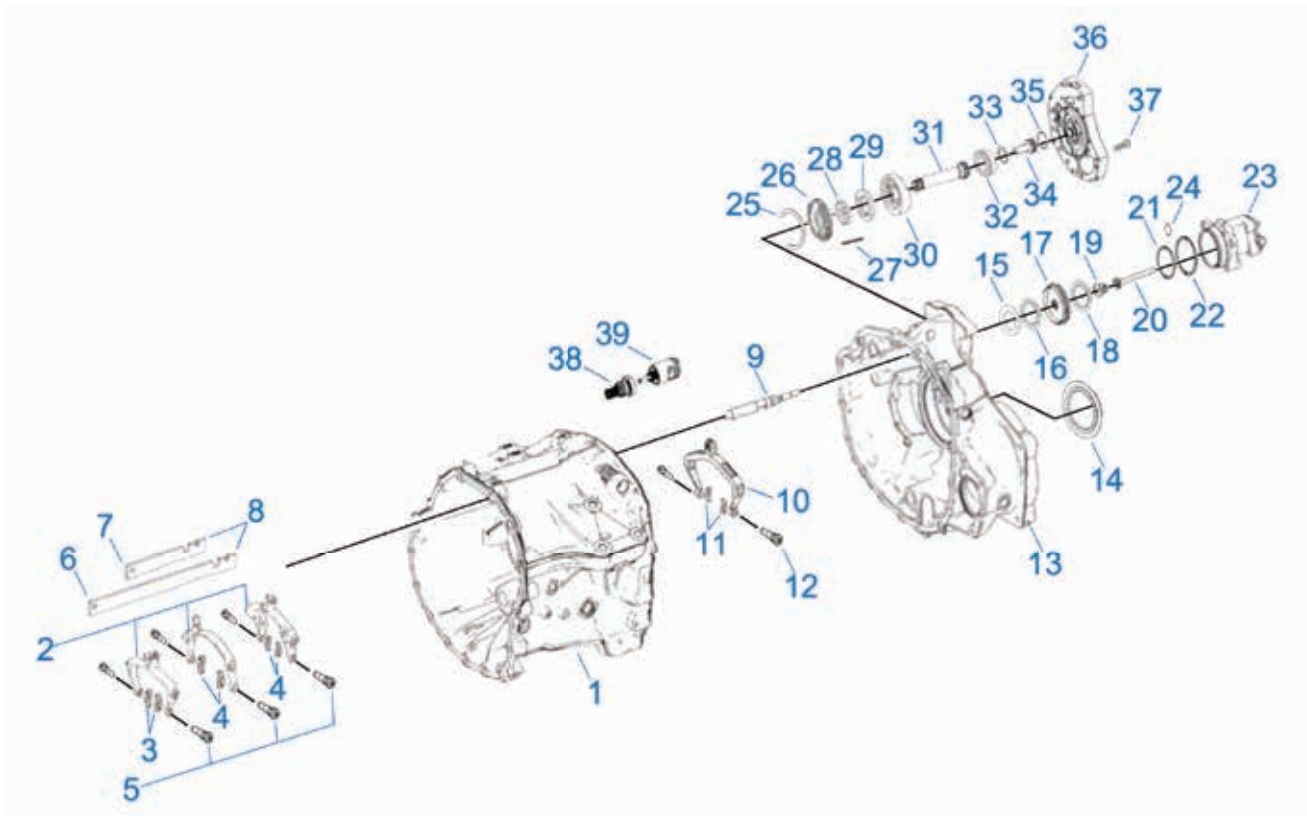
DT12® 211-Direct Drive Model B Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
9		389 262 4755	Thrust Washer - 0.76 mm	0	
9		389 262 4855	Thrust Washer - 0.79 mm	0	
9		389 262 4955	Thrust Washer - 0.82 mm	0	
9		389 262 5055	Thrust Washer - 0.85 mm	0	
9		389 262 5155	Thrust Washer - 0.88 mm	0	
9		389 262 5255	Thrust Washer - 0.91 mm	0	
9		389 262 5355	Thrust Washer - 0.94 mm	0	
9		389 262 5455	Thrust Washer - 0.97 mm	0	
9		389 262 5555	Thrust Washer - 1.00 mm	0	
9		389 262 5655	Thrust Washer - 1.03 mm	0	
9		389 262 5755	Thrust Washer - 1.06 mm	0	
9		389 262 5855	Thrust Washer - 1.09 mm	0	
9		389 262 5955	Thrust Washer - 1.12 mm	0	
10		960 261 0018	Input Shaft Cover	1	
10		960 261 0218	Input Shaft Cover	1	
11	EADT0239977748	023 997 7748	O-Ring - 13x2 mm	1	
12		000000 003076	Screw	6	
13		960 260 5665	Housing Cover	1	
13		960 260 4865	Housing Cover	1	
13		960 261 5033	Housing Cover	1	
13		960 261 4533	Housing Cover	1	
14	EADT0159974048	015 997 4048	O-Ring - 5x3 mm	1	
15		947 260 0718	Spacer Kit	1	
15		960 260 3318	Spacer Kit	1	
16		960 260 3418	Piston	1	Used in newer versions - replaces Piston 960 260 2518.
16		960 260 2518	Piston	1	Used in older versions.
17		960 262 0291	Thrust Washer Kit	1	
17		960 262 0291	Thrust Washer Kit	1	
18		000472 100000	Snap Ring - 3.00 mm	0	
19	EADT0289972348	028 997 2348	O-Ring - 100x3 mm	1	
20		389 263 5252	Thrust Washer - 0.37 mm	0	
20	EADT3892635352	389 263 5352	Thrust Washer - 0.40 mm	0	
20		389 263 5452	Thrust Washer - 0.43 mm	0	
20		389 263 5552	Thrust Washer - 0.46 mm	0	
20		389 263 5652	Thrust Washer - 0.49 mm	0	
20		389 263 5752	Thrust Washer - 0.52 mm	0	
20		389 263 5852	Thrust Washer - 0.55 mm	0	
20		389 263 5952	Thrust Washer - 0.58 mm	0	
20		389 263 6052	Thrust Washer - 0.61 mm	0	
20		389 263 6152	Thrust Washer - 0.64 mm	0	
20		389 263 6252	Thrust Washer - 0.67 mm	0	
20	EADT3892636352	389 263 6352	Thrust Washer - 0.70 mm	0	
20		389 263 6452	Thrust Washer - 0.73 mm	0	
20		389 263 6552	Thrust Washer - 0.76 mm	0	
20		389 263 6652	Thrust Washer - 0.79 mm	0	
20		389 263 6752	Thrust Washer - 0.82 mm	0	
20		389 263 6852	Thrust Washer - 0.85 mm	0	

DT12® 211-Direct Drive Model B Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
20		389 263 6952	Thrust Washer - 0.88 mm	0	
20		389 263 7052	Thrust Washer - 0.91 mm	0	
20		389 263 7152	Thrust Washer - 0.94 mm	0	
20		389 263 7252	Thrust Washer - 0.97 mm	0	
20	EADT3892637352	389 263 7352	Thrust Washer - 1.00 mm	0	
20		389 263 7452	Thrust Washer - 1.03 mm	0	
20		389 263 7552	Thrust Washer - 1.06 mm	0	
20		389 263 7652	Thrust Washer - 1.09 mm	0	
20		389 263 7752	Thrust Washer - 1.12 mm	0	
20		389 263 7852	Thrust Washer - 1.15 mm	0	
20		389 263 7952	Thrust Washer - 1.18 mm	0	
20		389 263 8052	Thrust Washer - 1.21 mm	0	
20		389 263 8152	Thrust Washer - 1.24 mm	0	
20		389 263 8252	Thrust Washer - 1.27 mm	0	
20	EADT3892638352	389 263 8352	Thrust Washer - 1.30 mm	0	
20		389 263 8452	Thrust Washer - 1.33 mm	0	
20		389 263 8652	Thrust Washer - 1.39 mm	0	
20		389 263 8652	Thrust Washer - 1.39 mm	0	
21	EADT0069944241	006 994 4241	Snap Ring - 2.50 mm	1	
22	EADT3892622854	389 262 2854	Spacer - 0.50 mm	0	
22		389 262 4956	Spacer - 0.55 mm	0	
22		389 262 2555	Spacer - 0.70 mm	0	
22		389 262 4856	Spacer - 0.80 mm	0	
22		389 262 2655	Spacer - 0.90 mm	0	
22	EADT3892623254	389 262 3254	Spacer - 1.05 mm	0	
22		389 262 3354	Spacer - 1.10 mm	0	
22	EADT3892623554	389 262 3554	Spacer - 1.20 mm	0	
22	EADT3892622052	389 262 2052	Spacer - 1.40 mm	0	
22	EADT3892621555	389 262 1555	Spacer - 1.49 mm	0	
22	EADT3892622355	389 262 2355	Spacer - 1.79 mm	0	
22	EADT3892623052	389 262 3052	Spacer - 1.90 mm	0	
22	EADT3892623252	389 262 3252	Spacer - 2.00 mm	0	
22	EADT3892623352	389 262 3352	Spacer - 2.50 mm	0	
23	EADT9452670218	945 267 0218	Piston	1	
24	EADT0069976447	006 997 6447	Oil Seal - 41x48x11.5 mm	1	
25	EADT3872670650	387 267 0650	Bushing - 34x22x8 mm	1	
26	EADT0002670197	000 267 0197	Oil Seal - 22x32x8 mm	1	
27	EADT9452670819	945 267 0819	Cylinder	1	
28	EADT0229974248	022 997 4248	O-Ring - 55.6x3 mm	2	
29	EADT3872632652	387 263 2652	Thrust Washer - 0.20 mm	0	
29	EADT3872632752	387 263 2752	Thrust Washer - 0.40 mm	0	
29	EADT3872632852	387 263 2852	Thrust Washer - 0.60 mm	0	
29	EADT3872633052	387 263 3052	Thrust Washer - 1.00 mm	0	
30		947 267 0117	Gear Shift Rail	1	
30		960 267 1917	Gear Shift Rail	1	If 960 267 1917 used to replace 947 267 1717, also replace forks using 960 260 4030.
31	EADT9302600163	930 260 0163	Gear Control Cylinder	1	

DT12® 211-Direct Drive Model B Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		947 261 1526	Center Housing	1	
1		947 261 1426	Center Housing	1	
1		947 261 1326	Center Housing	1	
2		947 260 3530	Fork Assembly	1	
2		960 260 4030	Fork Assembly	1	
3	EADT9472650349	947 265 0349	Sliding Pad	2	
4	EADT9472650449	947 265 0449	Sliding Pad	4	
5		960 265 0874	Fork Pin	6	
6		947 265 3104	Gear Shift Rail	1	
7		947 265 3404	Gear Shift Rail	1	
8		947 260 0331	Gear Shift Rail Kit	1	
9	EADT9302670117	930 267 0117	Gear Shift Rail	1	
9	EADT9452672217	945 267 2217	Gear Shift Rail	1	
9		960 267 0617	Gear Shift Rail	1	
9		960 267 1117	Gear Shift Rail	1	
9		960 267 2917	Gear Shift Rail	1	
9		960 267 3017	Gear Shift Rail	1	
10	EADT9472651901	947 265 1901	Shift Fork	1	
11	EADT9472650349	947 265 0349	Sliding Pad	2	
12	EADT9452652974	945 265 2974	Fork Pin	2	
13		947 260 1411	Rear Housing	1	
13		947 260 2411	Rear Housing	1	
13		947 260 3111	Rear Housing	1	
13		947 260 7511	Rear Housing	1	
13		947 260 8011	Rear Housing	1	
13		947 260 8411	Rear Housing	1	
14	EADT0159977746	015 997 7746	Oil Seal	1	

DT12® 211-Direct Drive Model B Center/Rear Housing

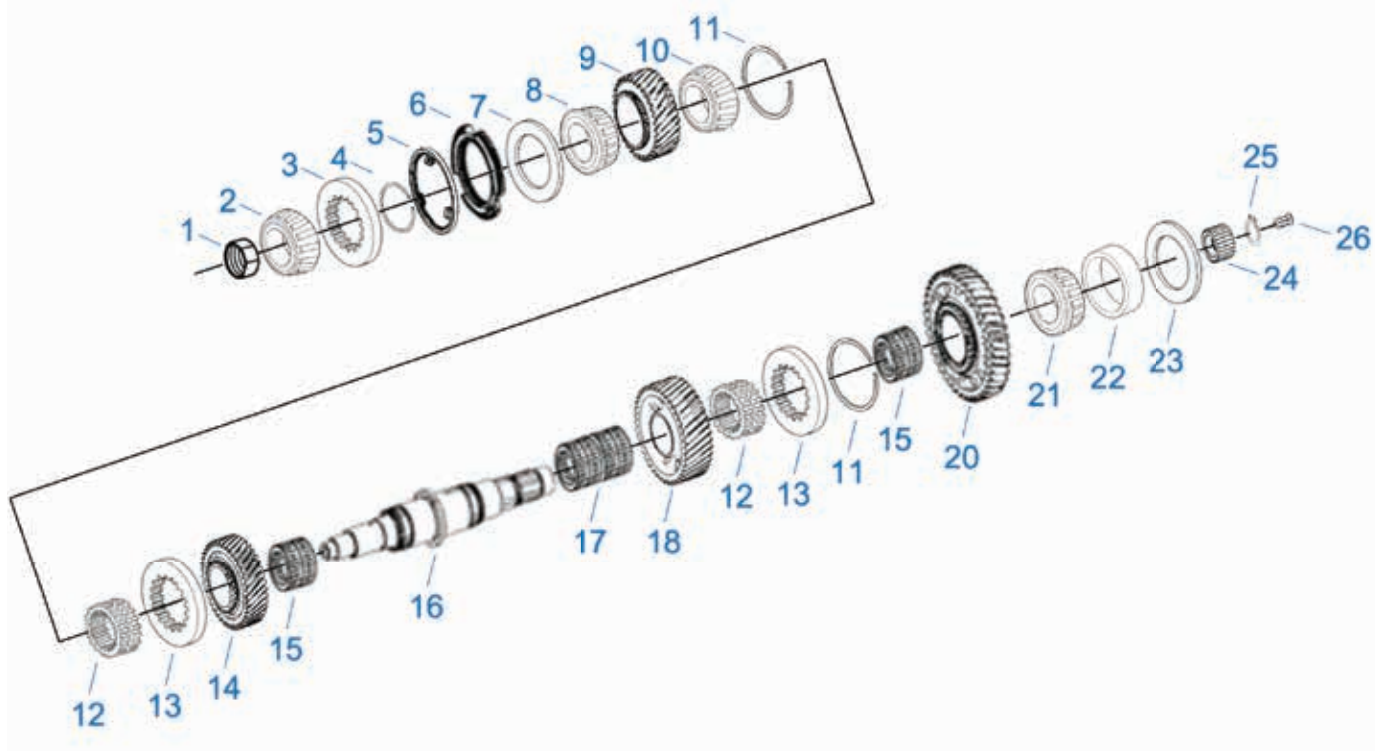
Item	Part Number	Industry Number	Description	Qty	Notes
15	EADT3872670650	387 267 0650	Bushing - 34x22x8 mm	1	
16	EADT0002670197	000 267 0197	Oil Seal - 22x32x8 mm	1	
17	EADT9602670118	960 267 0118	Piston	1	
18	EADT0249978347	024 997 8347	Oil Seal - 77x90x17 mm	1	
19	EADT0089930801	008 993 0801	Spring - 9.7x7.7x8.1 mm	1	
20	EADT0005435785	000 543 5785	Piston - Magnetic	1	
21	EADT0139977548	013 997 7548	O-Ring - 89.5x3 mm	1	
22	EADT0179976545	017 997 6545	O-Ring - 96x1.5 mm	1	
23	EADT0022609563	002 260 9563	Shift Cylinder	1	
23		003 260 6063	Shift Cylinder	1	
24	EADT0159974048	015 997 4048	O-Ring - 5x3 mm	1	
25		389 262 4656	Thrust Washer - 0.55 mm	0	
25		389 262 6254	Thrust Washer - 0.80 mm	0	
25		389 262 6354	Thrust Washer - 0.85 mm	0	
25		389 262 5954	Thrust Washer - 0.90 mm	0	
25		389 262 5854	Thrust Washer - 0.95 mm	0	
25		389 262 5754	Thrust Washer - 1.00 mm	0	
25		389 262 5654	Thrust Washer - 1.05 mm	0	
25		389 262 5554	Thrust Washer - 1.10 mm	0	
25		389 262 5454	Thrust Washer - 1.15 mm	0	
25		389 262 5354	Thrust Washer - 1.20 mm	0	
25		389 262 5254	Thrust Washer - 1.25 mm	0	
25		389 262 5154	Thrust Washer - 1.30 mm	0	
26	EADT9452690201	945 269 0201	Oil Pump Cover	1	
27		001 991 7860	Dowel Pin	1	
28	EADT3892691406	389 269 1406	Oil Pump Inner Rotor	1	
29	EADT3892691206	389 269 1206	Oil Pump Outer Rotor	1	
30	EADT9472691001	947 269 1001	Oil Pump Housing	1	
31	EADT9472691010	947 269 1010	Oil Pump Shaft - 210 mm	1	
31	EADT9472691110	947 269 1110	Oil Pump Shaft - 235 mm	1	
32	EADT0089815425	008 981 5425	Bearing - 17x35x10 mm	1	
33		912009 045100	Snap Ring - 1.50 mm	1	
34		389 265 0176	Washer	1	
35		013 997 0048	O-Ring - 19.2x3	1	
36	EADT9452611033	945 261 1033	Front Cover - Aluminium	1	If used to replace Housing Cover 389 261 2333 - Replace the Oil Pump Shaft with 945 269 1010 or 945 269 1110; Replace the Bearing with 008 981 5425; Replace Snap Ring with 912009 145100; Replace the Screws
37		910105 010011	Screw - M10x1.5x40	1	
37		910105 010002	Screw - M10x1.5x50	1	
38		960 260 1057	Solenoid Valve	1	
39	EADT9602601257	960 260 1257	Solenoid Valve	1	
39		960 260 1157	Solenoid Valve	1	

DT12[®] 230-Over Drive Model B Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1		387 262 8673	Snap Ring - 3.15 mm	0	
1		387 262 8773	Snap Ring - 3.20 mm	0	
1		387 262 8873	Snap Ring - 3.25 mm	0	
1		387 262 8973	Snap Ring - 3.30 mm	0	
1		387 262 9073	Snap Ring - 3.35 mm	0	
1		387 262 9173	Snap Ring - 3.40 mm	0	
1		387 262 9273	Snap Ring - 3.45 mm	0	
1		387 262 9373	Snap Ring - 3.50 mm	0	
2	EADT0119811305	011 981 1305	Bearing - 75x140x34.25 mm	1	
2	EADT0119811305	011 981 1305	Bearing - 75x140x34.25 mm	1	
3	EADT0229812110	022 981 2110	"Needle Bearing 84x90x48 mm"	1	
4	EADT9472623510	947 262 3510	Gear - 29 T	1	
5	EADT9452627734	945 262 7734	Synchro Cone	2	
6	EADT9452602245	945 260 2245	Synchro Ring	2	Type A
6	EADT9472602845	947 260 2845	Synchro Ring	2	Type C - Carbon
6		CEI 119300	Synchro Ring	2	Type B
7	EADT3872621093	387 262 1093	Snap Ring	1	
8		947 262 5202	Input Shaft	1	
8		948 262 0702	Input Shaft	1	
8	EADT9472623202	947 262 3202	Input Shaft - 60 T	1	
9	EADT9762690034	976 269 0034	Oil Collector Tube	1	
10	EADT0009949841	000 994 9841	Snap Ring	1	
11	EADT0002628662	000 262 8662	Oil Seal - 73.5x101x7 mm	1	

DT12® 230-Over Drive Model B Main Shaft

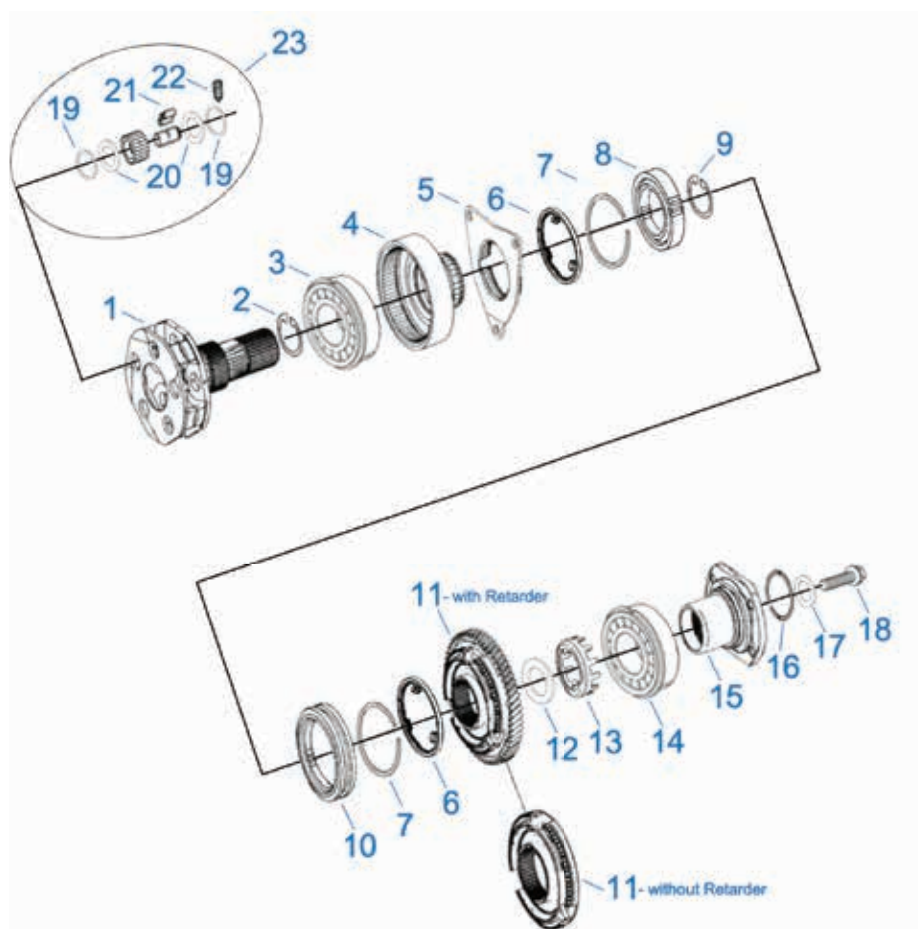


Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT9459900250	945 990 0250	Nut - M30x1.5	1	
2	EADT0179811305	017 981 1305	Bearing Cone - 39.69IDx40.39T mm	1	
2		017 981 1305	Bearing Cone - 39.69IDx40.39T mm	1	
3	EADT9452626823	945 262 6823	Synchro Sliding Sleeve	1	
4	EADT3872621093	387 262 1093	Snap Ring	1	
5	EADT9452602245	945 260 2245	Synchro Ring	2	Type A
5	EADT9472602845	947 260 2845	Synchro Ring	2	Type C - Carbon
5		CEI 119300	Synchro Ring	2	Type B
6	EADT9452627734	945 262 7734	Synchro Cone	2	
7	EADT3892622854	389 262 2854	Spacer - 0.50 mm	0	
7		389 262 2555	Spacer - 0.70 mm	0	
7		389 262 2655	Spacer - 0.90 mm	0	
7	EADT3892623254	389 262 3254	Spacer - 1.05 mm	0	
7		389 262 3354	Spacer - 1.10 mm	0	
7	EADT3892623454	389 262 3454	Spacer - 1.15 mm	0	
7	EADT3892623554	389 262 3554	Spacer - 1.20 mm	0	
7	EADT3892623654	389 262 3654	Spacer - 1.25 mm	0	
7	EADT3892621952	389 262 1952	Spacer - 1.35 mm	0	
7	EADT3892622052	389 262 2052	Spacer - 1.40 mm	0	
7		389 262 1355	Spacer - 1.43 mm	0	
7		389 262 1455	Spacer - 1.46 mm	0	
7	EADT3892621555	389 262 1555	Spacer - 1.49 mm	0	
7		389 262 1655	Spacer - 1.52 mm	0	
7	EADT3892622352	389 262 2352	Spacer - 1.55 mm	0	
7		389 262 1755	Spacer - 1.58 mm	0	
7		389 262 1855	Spacer - 1.61 mm	0	

DT12® 230-Over Drive Model B Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
7		389 262 1955	Spacer - 1.64 mm	0	
7		389 262 2055	Spacer - 1.67 mm	0	
7		389 262 2155	Spacer - 1.73 mm	0	
7		389 262 2255	Spacer - 1.76 mm	0	
7	EADT3892622355	389 262 2355	Spacer - 1.79 mm	0	
7		389 262 2455	Spacer - 1.82 mm	0	
7		389 262 2952	Spacer - 1.85 mm	0	
7	EADT3892623052	389 262 3052	Spacer - 1.90 mm	0	
7	EADT3892623152	389 262 3152	Spacer - 1.95 mm	0	
7	EADT3892623252	389 262 3252	Spacer - 2.00 mm	0	
8	EADT0159817605	015 981 7605	Bearing Cone - 50IDx41T mm	1	
8		015 981 7605	Bearing Cone - 50IDx41T mm	1	
9	EADT9472620117	947 262 0117	Gear - 34 T	1	Used on Main Shaft 947 262 1605.
10	EADT0179818305	017 981 8305	Bearing Cone - 52IDx24T mm	1	
11		387 262 0473	Snap Ring - 2.40 mm	0	
11		387 262 0573	Snap Ring - 2.45 mm	0	
11		387 262 0673	Snap Ring - 2.50 mm	0	
11		387 262 0773	Snap Ring - 2.55 mm	0	
11		387 262 0873	Snap Ring - 2.60 mm	0	
11		387 262 0973	Snap Ring - 2.65 mm	0	
11		387 262 7673	Snap Ring - 2.70 mm	0	
11		387 262 7773	Snap Ring - 2.75 mm	0	
11		387 262 7873	Snap Ring - 2.80 mm	0	
12	EADT9472622635	947 262 2635	Synchro Hub - OD 111 mm	2	
13	EADT9472621123	947 262 1123	Synchro Sliding Sleeve	2	
14	EADT9472622012	947 262 2012	Gear - 38 T	1	
15	EADT0199814410	019 981 4410	Needle Bearing - 75x83x54.8 mm	1	
16	EADT9472621705	947 262 1705	Main Shaft	1	Use Gear (34T) 947 262 1933 and Bearing 002 980 9502
17	EADT0139811210	013 981 1210	Needle Bearing - 75x83x33 mm	1	
18	EADT9472625310	947 262 5310	Gear - 41 T	1	
19	EADT0229812310	022 981 2310	Needle Bearing - 64x72x44.6 mm	1	
20	EADT9472621933	947 262 1933	Reverse Gear - 41 T	1	
21		003 980 0602	Bearing - 55IDx51T mm	1	
22		002 981 7180	Bearing Cone - 130 mm	1	
23			Thrust Washer	1	
24	EADT9472621209	947 262 1209	Sun Gear - 25 T	1	
25		000471 048000	Snap Ring - 1.75 mm	1	
26		001 990 2759	Plug	1	

DT12® 230-Over Drive Model B Planetary Carrier

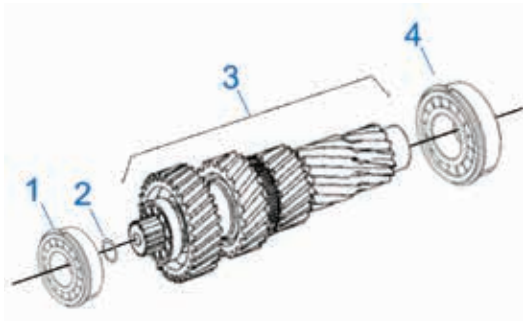


Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT9472606361	947 260 6361	Planetary Carrier	1	
1	EADT9472609561	947 260 9561	Planetary Carrier	1	
2		000472 130000	Snap Ring - 4.00 mm	1	
3		008 981 1325	Bearing - 90x130x14 mm	1	
3	EADT0089811325	008 981 1325	Bearing - 90x130x14 mm	1	
4	EADT9472622808	947 262 2808	Crown Gear - 85 T	1	
5	EADT9472600736	947 260 0736	Synchro Cone w/ Plate	1	
5		960 260 2236	Synchro Cone w/ Plate	1	
6	EADT9472600945	947 260 0945	Synchro Ring	2	Type A
6	EADT9472603045	947 260 3045	Synchro Ring	2	Type B
6		CEI 119298	Synchro Ring	2	Type C - Carbon
7	EADT3892620293	389 262 0293	Snap Ring	2	
8	EADT3892622035	389 262 2035	Synchro Hub	1	
9		000471 120000	Snap Ring	1	
10	EADT9452626923	945 262 6923	Synchro Sliding Sleeve	1	
10		960 262 1323	Synchro Sliding Sleeve	1	
11	EADT9472640420	947 264 0420	Synchro Cone w/ Retarder	1	
11		960 264 2620	Synchro Cone w/ Retarder	1	
11	EADT9472620634	947 262 0634	Synchro Cone	1	
11		960 262 2734	Synchro Cone	1	
12		947 262 4052	Washer	1	
13	EADT9472621128	947 262 1128	Rev Counter	1	

DT12[®] 230-Over Drive Model B Planetary Carrier

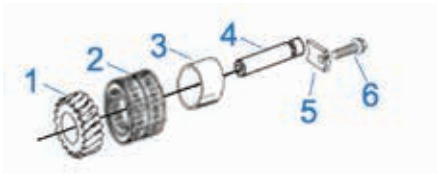
Item	Part Number	Industry Number	Description	Qty	Notes
14	EADT0099813325	009 981 3325	Bearing - 72x130x25 mm	1	
15		945 262 7545	Flange	1	
15		947 262 1645	Flange - 180.00 mm	1	
15		947 262 2045	Flange - 180.00 mm	1	
16		013 997 2145	O-Ring	1	
16	EADT0279973048	027 997 3048	O-Ring - 56.52x5.33	1	
17		976 262 0362	Washer	1	
17		947 262 0862	Washer	1	
17		945 262 0352	Washer	1	
17	EADT9452620762	945 262 0762	Washer - 20x93 mm	1	
18		000000 006750	Screw - M20x1.5X80	1	
19	EADT3892621462	389 262 1462	Thrust Washer	10	
20		389 262 0162	Washer	10	
21		000 981 4186	Needle - 0.5x39.8 mm	125	
22		000914 006109	Pin - M6x14	5	
23	EADT9472600297	947 260 0297	Side Pinion Kit	1	
23	EADT9472600397	947 260 0397	Side Pinion Kit	1	
23	EADT9472600197	947 260 0197	Side Pinion Kit	1	

DT12® 230-Over Drive Model B Counter Shaft



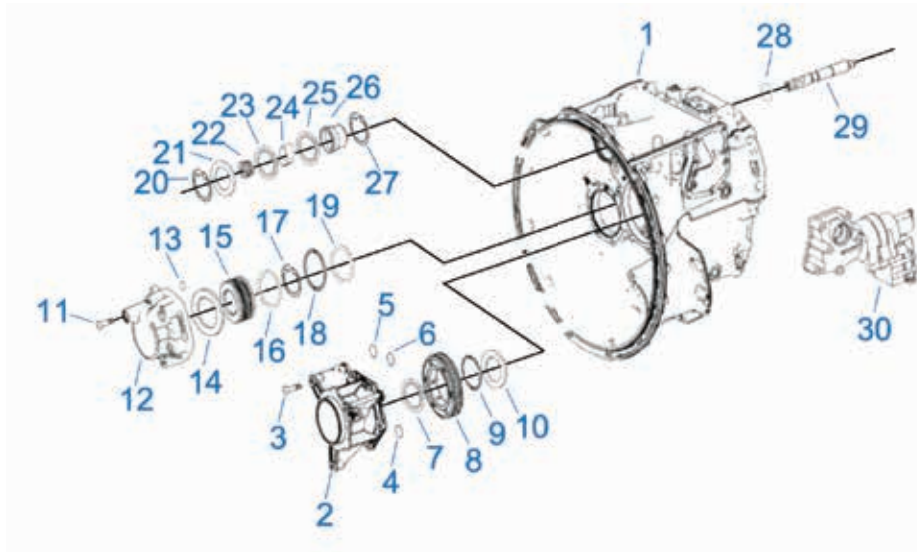
Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT0149811405	014 981 1405	Bearing - 50.8x100x34.93 mm	1	
2	EADT900055060300	900055 060300	Snap Ring - 3.00 mm	1	
3		947 260 2724	Countershaft Assembly	1	
3		947 260 3224	Countershaft Assembly	1	
4	EADT0199816105	019 981 6105	Bearing - 60x110x34 mm	1	

DT12® 230-Over Drive Model B Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1		947 263 1531	Reverse Gear - 19 T	1	
1		948 263 0031	Reverse Gear - 19 T	1	
2		003 981 2818	Needle Bearing	1	
3		947 992 0103	Bushing - 29.8x40x42.5 mm	1	
4	EADT9762630030	976 263 0030	Reverse Gear Shaft	1	
5		945 263 0041	Key	1	
6		910105 010009	Screw	1	

DT12® 230-Over Drive Model B Front Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		960 260 6012	Front Housing	1	
1		960 260 4012	Front Housing	1	
2		960 261 0018	Input Shaft Cover	1	
2		960 261 0218	Input Shaft Cover	1	
3		000000 000631	Screw	6	
4	EADT0239977748	023 997 7748	O-Ring - 13x2 mm	1	
5	EADT0199978348	019 997 8348	O-Ring - 14x4 mm	1	
6	EADT0159974048	015 997 4048	O-Ring - 5x3 mm	1	
7	EADT0199970547	019 997 0547	Oil Seal - 56x72x8 mm	1	
8	EADT3892610665	389 261 0665	Oil Baffle	1	
9	EADT0209977848	020 997 7848	O-Ring - 138x3 mm	1	
10	EADT3892623055	389 262 3055	Thrust Washer - 0.25 mm	0	
10		389 262 3155	Thrust Washer - 0.28 mm	0	
10		389 262 3255	Thrust Washer - 0.31 mm	0	
10		389 262 3355	Thrust Washer - 0.34 mm	0	
10		389 262 3455	Thrust Washer - 0.37 mm	0	
10	EADT3892623555	389 262 3555	Thrust Washer - 0.40 mm	0	
10		389 262 3655	Thrust Washer - 0.43 mm	0	
10		389 262 3755	Thrust Washer - 0.46 mm	0	
10		389 262 3855	Thrust Washer - 0.49 mm	0	
10		389 262 3955	Thrust Washer - 0.52 mm	0	
10		389 262 4055	Thrust Washer - 0.55 mm	0	
11		000000 003076	Screw	6	
11		000000 008668	Screw	6	
12		960 260 4865	Housing Cover	1	
13	EADT0159974048	015 997 4048	O-Ring - 5x3 mm	1	
14		947 260 0718	Spacer Kit	1	

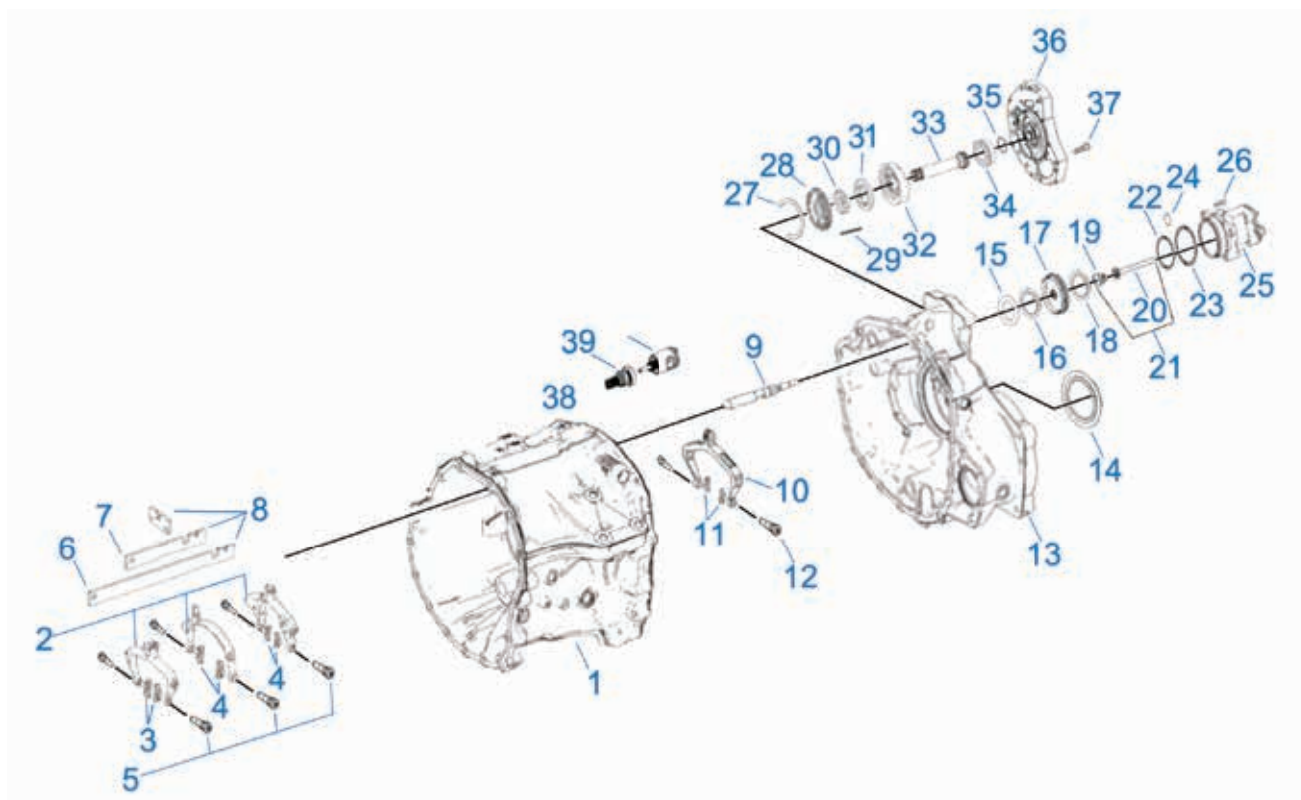
DT12® 230-Over Drive Model B Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
14		960 260 3318	Spacer Kit	1	
15		960 260 3418	Piston	1	
15		960 260 2518	Piston	1	
16		960 262 0291	Thrust Washer Kit	1	
16		960 262 0291	Thrust Washer Kit	1	
17		000472 100000	Snap Ring - 3.00 mm	1	
18	EADT0289972348	028 997 2348	O-Ring - 100x3 mm	1	
19		389 263 5252	Thrust Washer - 0.37 mm	0	
19	EADT3892635352	389 263 5352	Thrust Washer - 0.40 mm	0	
19		389 263 5452	Thrust Washer - 0.43 mm	0	
19		389 263 5552	Thrust Washer - 0.46 mm	0	
19		389 263 5652	Thrust Washer - 0.49 mm	0	
19		389 263 5752	Thrust Washer - 0.52 mm	0	
19		389 263 5852	Thrust Washer - 0.55 mm	0	
19		389 263 5952	Thrust Washer - 0.58 mm	0	
19		389 263 6052	Thrust Washer - 0.61 mm	0	
19		389 263 6152	Thrust Washer - 0.64 mm	0	
19		389 263 6252	Thrust Washer - 0.67 mm	0	
19	EADT3892636352	389 263 6352	Thrust Washer - 0.70 mm	0	
19		389 263 6452	Thrust Washer - 0.73 mm	0	
19		389 263 6552	Thrust Washer - 0.76 mm	0	
19		389 263 6652	Thrust Washer - 0.79 mm	0	
19		389 263 6752	Thrust Washer - 0.82 mm	0	
19		389 263 6852	Thrust Washer - 0.85 mm	0	
19		389 263 6952	Thrust Washer - 0.88 mm	0	
19		389 263 7052	Thrust Washer - 0.91 mm	0	
19		389 263 7152	Thrust Washer - 0.94 mm	0	
19		389 263 7252	Thrust Washer - 0.97 mm	0	
19	EADT3892637352	389 263 7352	Thrust Washer - 1.00 mm	0	
19		389 263 7452	Thrust Washer - 1.03 mm	0	
19		389 263 7552	Thrust Washer - 1.06 mm	0	
19		389 263 7652	Thrust Washer - 1.09 mm	0	
19		389 263 7752	Thrust Washer - 1.12 mm	0	
19		389 263 7852	Thrust Washer - 1.15 mm	0	
19		389 263 7952	Thrust Washer - 1.18 mm	0	
19		389 263 8052	Thrust Washer - 1.21 mm	0	
19		389 263 8152	Thrust Washer - 1.24 mm	0	
19		389 263 8252	Thrust Washer - 1.27 mm	0	
19	EADT3892638352	389 263 8352	Thrust Washer - 1.30 mm	0	
19		389 263 8452	Thrust Washer - 1.33 mm	0	
19		389 263 8652	Thrust Washer - 1.39 mm	0	
19		389 263 8652	Thrust Washer - 1.39 mm	0	
19		389 263 8952	Thrust Washer - 2.00 mm	0	
20	EADT0069944241	006 994 4241	Snap Ring - 2.50 mm	1	
21	EADT3892622854	389 262 2854	Spacer - 0.50 mm	0	
21		389 262 4956	Spacer - 0.55 mm	0	
21		389 262 2555	Spacer - 0.70 mm	0	
21		389 262 4856	Spacer - 0.80 mm	0	
21		389 262 2655	Spacer - 0.90 mm	0	

DT12® 230-Over Drive Model B Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
21	EADT3892623254	389 262 3254	Spacer - 1.05 mm	0	
21		389 262 3354	Spacer - 1.10 mm	0	
21	EADT3892623554	389 262 3554	Spacer - 1.20 mm	0	
21	EADT3892622052	389 262 2052	Spacer - 1.40 mm	0	
21	EADT3892621555	389 262 1555	Spacer - 1.49 mm	0	
21	EADT3892622355	389 262 2355	Spacer - 1.79 mm	0	
21	EADT3892623052	389 262 3052	Spacer - 1.90 mm	0	
21	EADT3892623252	389 262 3252	Spacer - 2.00 mm	0	
21	EADT3892623352	389 262 3352	Spacer - 2.50 mm	0	
22	EADT9452670218	945 267 0218	Piston	1	
23	EADT0069976447	006 997 6447	Oil Seal - 41x48x11.5 mm	1	
24	EADT3872670650	387 267 0650	Bushing - 34x22x8 mm	1	
25	EADT0002670197	000 267 0197	Oil Seal - 22x32x8 mm	1	
26	EADT9452670819	945 267 0819	Cylinder	1	
27	EADT0229974248	022 997 4248	O-Ring - 55.6x3 mm	2	
28	EADT3872632652	387 263 2652	Thrust Washer - 0.20 mm	0	
28	EADT3872632752	387 263 2752	Thrust Washer - 0.40 mm	0	
28	EADT3872632852	387 263 2852	Thrust Washer - 0.60 mm	0	
28	EADT3872633052	387 263 3052	Thrust Washer - 1.00 mm	0	
29		960 267 1917	Gear Shift Rail	1	If 960 267 1917 used to replace 947 267 1717, also replace forks using 960 260 4030.
30	EADT9302600163	945 260 3163	Gear Control Cylinder	1	

DT12® 230-Over Drive Model B Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		960 261 0626	Center Housing	1	
1		960 261 0726	Center Housing	1	
1		960 261 0926	Center Housing	1	
1		960 260 0223	Center Housing	1	
1		960 260 2423	Center Housing	1	
1		960 260 2623	Center Housing	1	
1		960 260 0623	Center Housing	1	
1		960 260 2523	Center Housing	1	
1		960 260 2723	Center Housing	1	
1		960 261 1026	Center Housing	1	
2		960 260 4030	Fork Assembly	1	
3	EADT9472650349	947 265 0349	Sliding Pad	2	
4	EADT9472650449	947 265 0449	Sliding Pad	4	
5		960 265 0874	Fork Pin	8	
6		947 265 3104	Gear Shift Rail	1	
7		947 265 3404	Gear Shift Rail	1	
8		947 260 0331	Gear Shift Rail Kit	1	
9	EADT9302670217	930 267 0217	Gear Shift Rail	1	
9	EADT9452672217	930 267 2217	Gear Shift Rail	1	
9		960 267 0617	Gear Shift Rail	1	
9		960 267 1117	Gear Shift Rail	1	
9		960 267 2917	Gear Shift Rail	1	
9		960 267 3017	Gear Shift Rail	1	
10	EADT9472651901	947 265 1901	Shift Fork	1	
10		960 265 3501	Shift Fork	1	
11	EADT9472650349	947 265 0349	Sliding Pad	2	
12	EADT9452652974	945 265 2974	Fork Pin	2	

DT12® 230-Over Drive Model B Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
13		960 260 9611	Rear Housing	1	
13		960 260 0212	Rear Housing	1	
13		960 260 8711	Rear Housing	1	
13		960 260 3723	Rear Housing	1	
13		960 260 5023	Rear Housing	1	
13		960 260 3712	Rear Housing	1	
14	EADT0159977746	015 997 7746	Oil Seal	1	
15	EADT3872670650	387 267 0650	Bushing - 34x22x8 mm	1	
16	EADT0002670197	000 267 0197	Oil Seal - 22x32x8 mm	1	
17	EADT9602670118	960 267 0118	Piston	1	
18	EADT0249978347	024 997 8347	Oil Seal - 77x90x17 mm	1	
19	EADT0089930801	008 993 0801	Spring - 9.7x7.7x8.1 mm	1	
20	EADT0005435785	000 543 5785	Piston - Magnetic	1	
21		960 543 0285	Control Repair Kit	1	
22	EADT0139977548	013 997 7548	O-Ring - 89.5x3 mm	1	
23	EADT0179976545	017 997 6545	O-Ring - 96x1.5 mm	1	
24	EADT0159974048	015 997 4048	O-Ring - 5x3 mm	1	
25	EADT0022609563	002 260 9563	Shift Cylinder	1	
25		003 260 6063	Shift Cylinder	1	
26		910105 010003	Screw	2	
26		000000 000428	Screw	2	
26		910143 010014	Screw	2	
27		389 262 4656	Thrust Washer - 0.55 mm	0	
27		389 262 6254	Thrust Washer - 0.80 mm	0	
27		389 262 6354	Thrust Washer - 0.85 mm	0	
27		389 262 5954	Thrust Washer - 0.90 mm	0	
27		389 262 5854	Thrust Washer - 0.95 mm	0	
27		389 262 5754	Thrust Washer - 1.00 mm	0	
27		389 262 5654	Thrust Washer - 1.05 mm	0	
27		389 262 5554	Thrust Washer - 1.10 mm	0	
27		389 262 5454	Thrust Washer - 1.15 mm	0	
27		389 262 5354	Thrust Washer - 1.20 mm	0	
27		389 262 5254	Thrust Washer - 1.25 mm	0	
27		389 262 5154	Thrust Washer - 1.30 mm	0	
28	EADT9472691001	947 269 1001	Oil Pump Housing	1	
29		001 991 7860	Dowel Pin	1	
30	EADT3892691206	389 269 1206	Oil Pump Outer Rotor	1	
31	EADT3892691406	389 269 1406	Oil Pump Inner Rotor	1	
32	EADT9452690201	945 269 0201	Oil Pump Cover	1	
33	EADT9472691010	947 269 1010	Oil Pump Shaft - 210 mm	1	
33	EADT9472691110	947 269 1110	Oil Pump Shaft - 235 mm	1	
34	EADT0089815425	008 981 5425	Bearing - 17x35x10 mm	1	
35		912009 045100	Snap Ring - 1.50 mm	1	
36	EADT9452611033	945 261 1033	Front Cover - Aluminium	1	If used to replace Housing Cover 389 261 2333 - Replace the Oil Pump Shaft with 945 269 1010 or 945 269 1110; Replace the Bearing with 008 981 5425; Replace Snap Ring with 912009 145100; Replace the Screws

DT12® 230-Over Drive Model B Center/Rear Housing

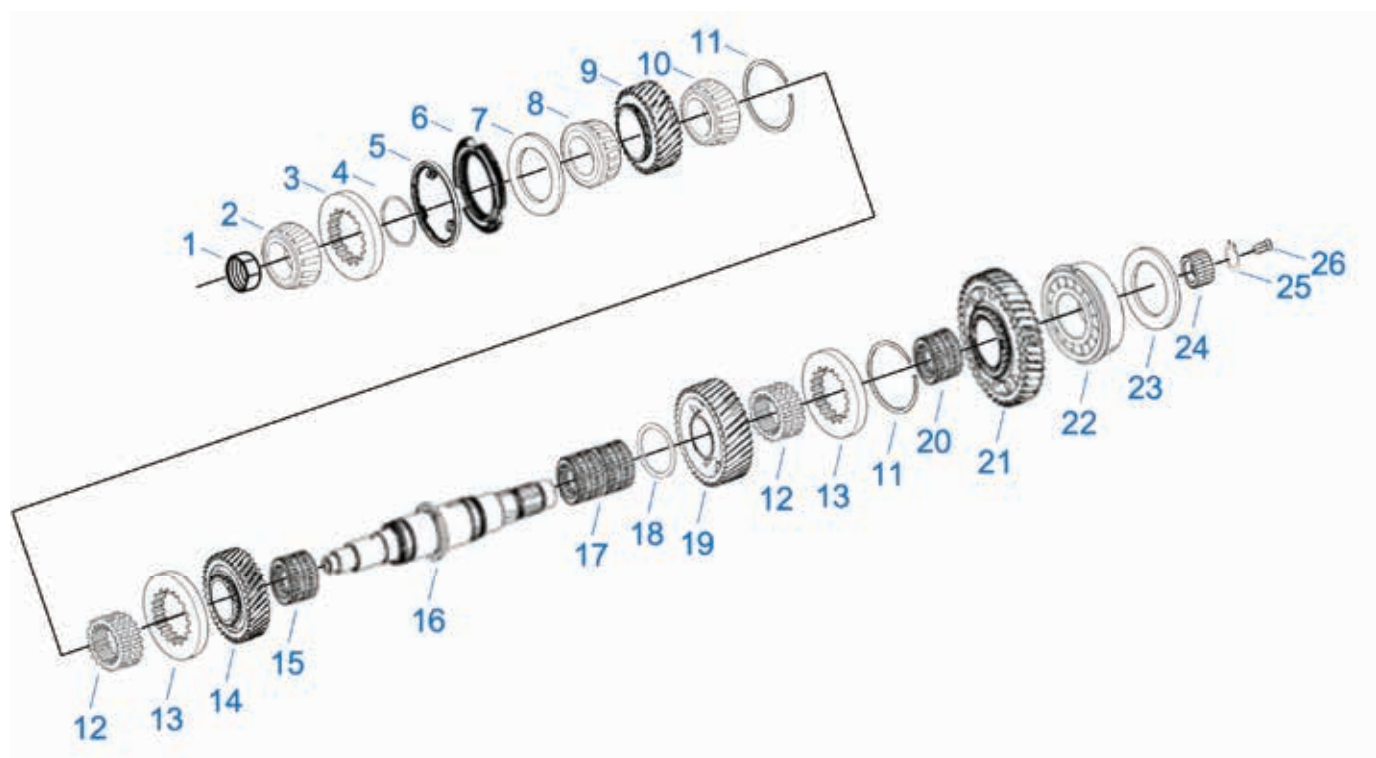
Item	Part Number	Industry Number	Description	Qty	Notes
37		910105 010011	Screw - M10x1.5x40	4	
37		910105 010002	Screw - M10x1.5x50	8	
38		960 260 1057	Solenoid Valve	1	
38		960 260 2157	Solenoid Valve	1	
39	EADT9602601257	960 260 1257	Solenoid Valve	1	
39		960 260 1157	Solenoid Valve	1	
39		960 260 1357	Solenoid Valve	1	
39		960 260 2257	Solenoid Valve	1	

DT12[®] 281-Direct Drive Model A Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1		387 262 8773	Snap Ring - 3.20 mm	0	
1		387 262 8873	Snap Ring - 3.25 mm	0	
1		387 262 8973	Snap Ring - 3.30 mm	0	
1		387 262 9073	Snap Ring - 3.35 mm	0	
1		387 262 9173	Snap Ring - 3.40 mm	0	
1		387 262 9273	Snap Ring - 3.45 mm	0	
1		387 262 9373	Snap Ring - 3.50 mm	0	
1		387 262 8673	Snap Ring - 3.15 mm	0	
2	EADT0119811305	011 981 1305	Bearing - 75x140x34.25 mm	1	
2	EADT0119811305	011 981 1305	Bearing - 75x140x34.25 mm	1	
3	EADT0229817910	022 981 7910	Needle Bearing - 84x90x55 mm	1	
4	EADT9302620717	930 262 0717	Gear - 29 T	1	
5	EADT9452620717	945 262 0717	Synchro Cone	2	
6	EADT9472601945	947 260 1945	Synchro Ring	2	Type A
6	EADT9472603545	947 260 3545	Synchro Ring	2	Type C - Carbon
6		CEI 119299	Synchro Ring	2	Type B
7	EADT3872620893	387 262 0893	Snap Ring	1	
8	EADT9302620403	930 262 0403	Input Shaft - 66 T	1	
8		960 264 2206	Input Shaft	1	
8		948 262 0602	Input Shaft	1	
9	EADT9762690034	976 269 0034	Oil Collector Tube	1	
10	EADT0009949841	000 994 9841	Snap Ring	1	
11	EADT0002628662	000 262 8662	Oil Seal - 73.5x101x7 mm	1	

DT12[®] 281-Direct Drive Model A Main Shaft

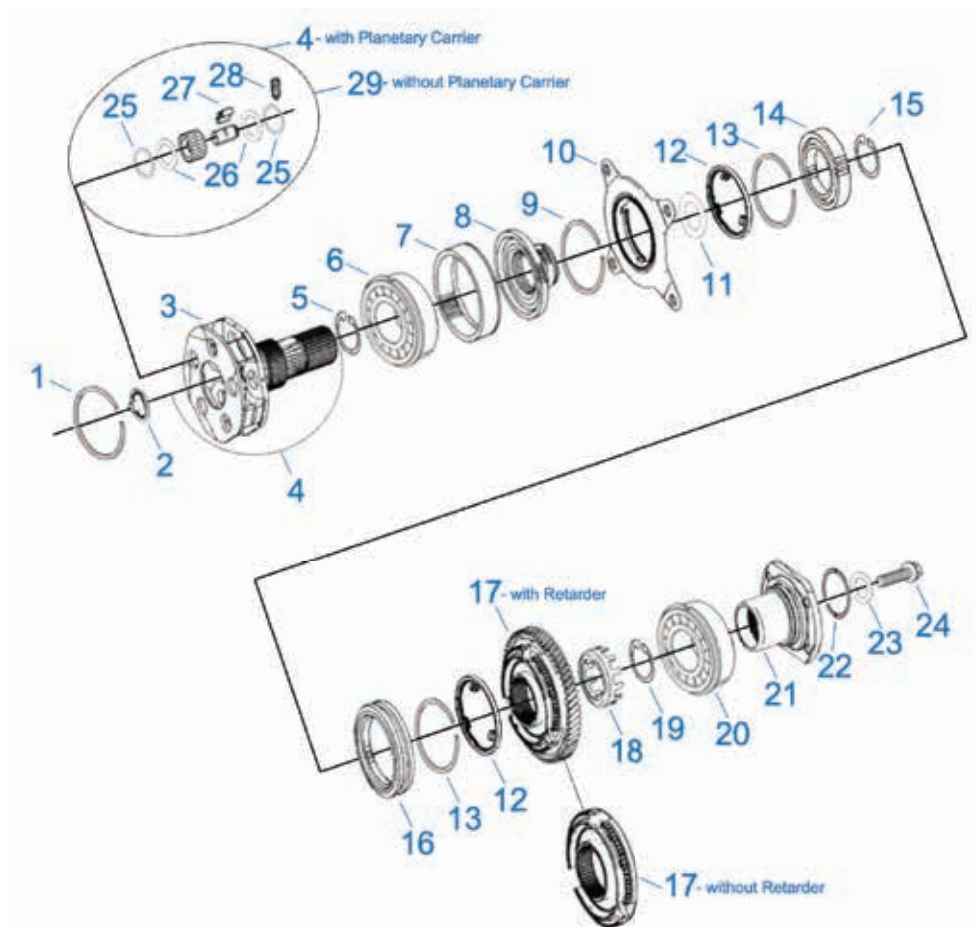


Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT9459900250	945 990 0250	Nut - M30x1.5	1	
2	EADT0179811305	017 981 1305	Bearing Cone - 39.69IDx40.39T mm	1	
2		017 981 1305	Bearing Cone - 39.69IDx40.39T mm	1	
3	EADT9452626523	945 262 6523	Synchro Sliding Sleeve	1	
4	EADT3872620893	387 262 0893	Snap Ring	1	
5	EADT9472601945	947 260 1945	Synchro Ring	2	Type A
5	EADT9472603545	947 260 3545	Synchro Ring	2	Type C - Carbon
5		CEI 119299	Synchro Ring	2	Type B
6	EADT9302620234	930 262 0234	Synchro Cone	1	
7	EADT3892621555	389 262 1555	Spacer - 1.49 mm	0	
7	EADT3892621952	389 262 1952	Spacer - 1.35 mm	0	
7	EADT3892622052	389 262 2052	Spacer - 1.40 mm	0	
7	EADT3892622854	389 262 2854	Spacer - 0.50 mm	0	
7	EADT3892623052	389 262 3052	Spacer - 1.90 mm	0	
7	EADT3892623152	389 262 3152	Spacer - 1.95 mm	0	
7	EADT3892623252	389 262 3252	Spacer - 2.00 mm	0	
7	EADT3892623254	389 262 3254	Spacer - 1.05 mm	0	
7	EADT3892623454	389 262 3454	Spacer - 1.15 mm	0	
7	EADT3892623554	389 262 3554	Spacer - 1.20 mm	0	
7	EADT3892623654	389 262 3654	Spacer - 1.25 mm	0	
7	EADT3892622355	389 262 2355	Spacer - 1.79 mm	0	
7	EADT3892622352	389 262 2352	Spacer - 1.55 mm	0	
7		389 262 2555	Spacer - 0.70 mm	0	
7		389 262 2655	Spacer - 0.90 mm	0	
7		389 262 3354	Spacer - 1.10 mm	0	
7		389 262 2155	Spacer - 1.73 mm	0	

DT12® 281-Direct Drive Model A Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
7		389 262 1355	Spacer - 1.43 mm	0	
7		389 262 1455	Spacer - 1.46 mm	0	
7		389 262 1655	Spacer - 1.52 mm	0	
7		389 262 1755	Spacer - 1.58 mm	0	
7		389 262 1855	Spacer - 1.61 mm	0	
7		389 262 1955	Spacer - 1.64 mm	0	
7		389 262 2255	Spacer - 1.76 mm	0	
7		389 262 2455	Spacer - 1.82 mm	0	
7		389 262 2952	Spacer - 1.85 mm	0	
7		389 262 2055	Spacer - 1.67 mm	0	
8	EADT0179815105	017 981 5105	Bearing Cone - 50IDx41.28T mm	1	
9	EADT9302623617	930 262 3617	Gear - 31 T	1	
9		960 262 1017	Gear - 31 T	1	
10	EADT0179817105	017 981 7105	Bearing Cone - 55IDx29.80T mm	1	
11		007 994 0041	Snap Ring - 2.50 mm	0	
11		387 262 2073	Snap Ring - 2.40 mm	0	
11		387 262 2173	Snap Ring - 2.45 mm	0	
11		387 262 2373	Snap Ring - 2.55 mm	0	
11		387 262 2473	Snap Ring - 2.60 mm	0	
11		387 262 2573	Snap Ring - 2.65 mm	0	
11		387 262 7973	Snap Ring - 2.70 mm	0	
11		387 262 8073	Snap Ring - 2.75 mm	0	
11		387 262 8173	Snap Ring - 2.80 mm	0	
12	EADT9602623135	960 262 3135	Synchro Hub	2	
12	EADT9452623635	945 262 3635	Synchro Hub	2	Synchro Hub 945 262 3635 replaced by Synchro Hub 930 262 0835
13	EADT9302620123	930 262 0123	Synchro Sliding Sleeve	2	
14	EADT9302620112	930 262 0112	Gear - 38 T	1	
15	EADT0239815210	023 981 5210	Needle Bearing - 85x93x60 mm	1	
16	EADT9302620805	930 262 0805	Main Shaft	1	Must be used with Sun Gear EADT9452620909
16	EADT9602623805	960 262 3805	Main Shaft	1	Must be used with Sun Gear EADT9602620009
16		930 262 0205	Main Shaft	1	Main Shaft 947 262 0205 replaced by Main Shaft 947 262 0805
17	EADT0229815510	022 981 5510	Needle Bearing - 85x93x73 mm	1	
18		389 262 8852	Thrust Washer	1	
19	EADT9302620511	930 262 0511	Gear - 41 T	1	
20	EADT0229816010	022 981 6010	Needle Bearing - 75x83x48 mm	1	
21	EADT9302620033	930 262 0033	Reverse Gear - 45 T	1	
21	EADT9302620133	930 262 0133	Reverse Gear - 45 T	1	Used on Main Shaft 947 262 0805.
22		002 981 8181	Bearing	1	
22		003 980 0202	Bearing	1	
22		002 981 7180	Bearing Cone - 130 mm	1	
23			Thrust Washer	1	
24	EADT9602620009	960 262 0009	Sun Gear - 25 T	1	Must be used with Main Shaft EADT9602623805
24	EADT9452620909	945 262 0909	Sun Gear - 25 T	1	Must be used with Main Shaft EADT9302620805
25		007 994 1841	Snap Ring - 2.50 mm	1	
26		001 990 2759	Plug	1	

DT12® 281-Direct Drive Model A Planetary Carrier

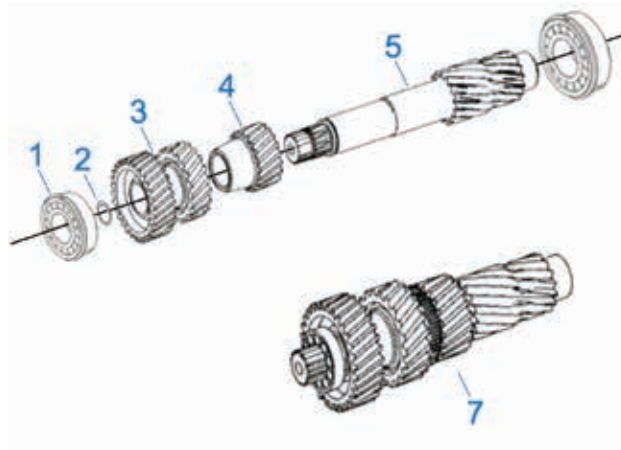


Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT000472060000	000472 060000	Snap Ring - 2.00 mm	1	
2		945 269 0834	Oil Tube	1	
3	EADT9462603661	946 260 3661	Planetary Carrier	1	If 946 260 3661 used to replace 389 260 8661 or 389 260 8761, also replace bearing using 007 981 3325. If 946 260 3661 used to replace 945 260 4461 or 945 260 4561, also replace washer using 945 262 0762 and screw 910105 020025.
3	EADT9302604061	930 260 4061	Planetary Carrier	1	
3		960 260 2761	Planetary Carrier	1	
4	EADT9452604661	945 260 4661	Planetary Carrier Assembly	1	
5		000472 130000	Snap Ring - 4.00 mm	1	
6		008 981 1325	Bearing - 90x130x14 mm	1	
6	EADT0089811325	008 981 1325	Bearing - 90x130x14 mm	1	
7	EADT9452620808	945 262 0808	Gear - 85 T	1	
7		960 260 6008	Gear - 85 T	1	
8	EADT9302620125	930 262 0125	Carrier Hub - 85 T	1	
9	EADT3892620773	389 262 0773	Snap Ring	1	
10	EADT9472603036	947 260 3036	Synchro Cone w/ Plate	1	
10		960 260 1936	Synchro Cone w/ Plate	1	
10		960 260 2336	Synchro Cone w/ Plate	1	
11	EADT3892620251	389 262 0251	Spacer	1	
12	EADT9472600945	947 260 0945	Synchro Ring	2	Type A

DT12® 281-Direct Drive Model A Planetary Carrier

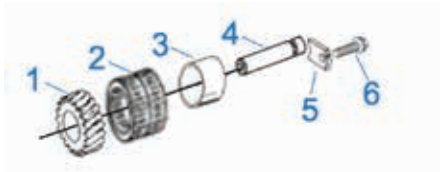
Item	Part Number	Industry Number	Description	Qty	Notes
12	EADT9472603045	947 260 3045	Synchro Ring	2	Type C - Carbon
12		CEI 119298	Synchro Ring	2	Type B
13	EADT3892620293	389 262 0293	Snap Ring	2	
14	EADT3892622035	389 262 2035	Synchro Hub	1	
15		000471 120000	Snap Ring	1	
16	EADT9452626923	945 262 6923	Synchro Sliding Sleeve	1	
16		960 262 0823	Synchro Sliding Sleeve	1	
16		960 262 1323	Synchro Sliding Sleeve	1	
17		960 264 2720	Synchro Cone w/ Retarder	1	
17	EADT9302640320	930 264 0320	Synchro Cone w/ Retarder	1	
17		960 264 0020	Synchro Cone w/ Retarder	1	
17	EADT9302640420	930 264 0420	Synchro Cone w/ Retarder	1	
17		960 264 2120	Synchro Cone w/ Retarder	1	
17	EADT9452623834	945 262 3834	Synchro Cone	1	
17		960 262 2034	Synchro Cone	1	
17		960 262 2834	Synchro Cone	1	
18		930 262 1428	Rev Counter	1	
18	EADT3872620928	387 262 0928	Rev Counter	1	
19		000472 150000	Snap Ring	1	
20	EADT0089813025	008 981 3025	Bearing - 80x150x28 mm	1	
21	EADT3892620645	389 262 0645	Flange - 200.00 mm	1	
21	EADT9452620045	945 262 0045	Flange - 180.00 mm	1	
21	EADT9472620345	947 262 0345	Flange - 150.00 mm	1	
21	EADT9302620045	930 262 0045	Flange - 180.00 mm	1	
21	EADT9302620145	930 262 0145	Flange - 200.00 mm	1	
21		387 264 3445	Flange - 180.00 mm	1	
21		960 262 0145	Flange - 200.00 mm	1	
21		945 262 7445	Flange	1	
21		960 262 0045	Flange - 180.00 mm	1	
22	EADT0259975345	025 997 5345	O-Ring	1	
22	EADT0279973048	027 997 3048	O-Ring - 56.52x5.33	1	
23	EADT9452620762	945 262 0762	Washer - 20x93 mm	1	
23		976 262 0362	Washer	1	
24	EADT9459900600	945 990 0600	Screw	1	
24		000000 006750	Screw - M20x1.5X80	1	
25	EADT3892621462	389 262 1462	Thrust Washer	10	
26		389 262 0162	Washer	10	
27		000 981 4186	Needle - 0.5x39.8 mm	125	
28		000914 006109	Pin - M6x14	5	
29	EADT9462600097	946 260 0097	Side Pinion Kit	1	
29		960 260 3097	Side Pinion Kit	1	

DT12[®] 281-Direct Drive Model A Counter Shaft



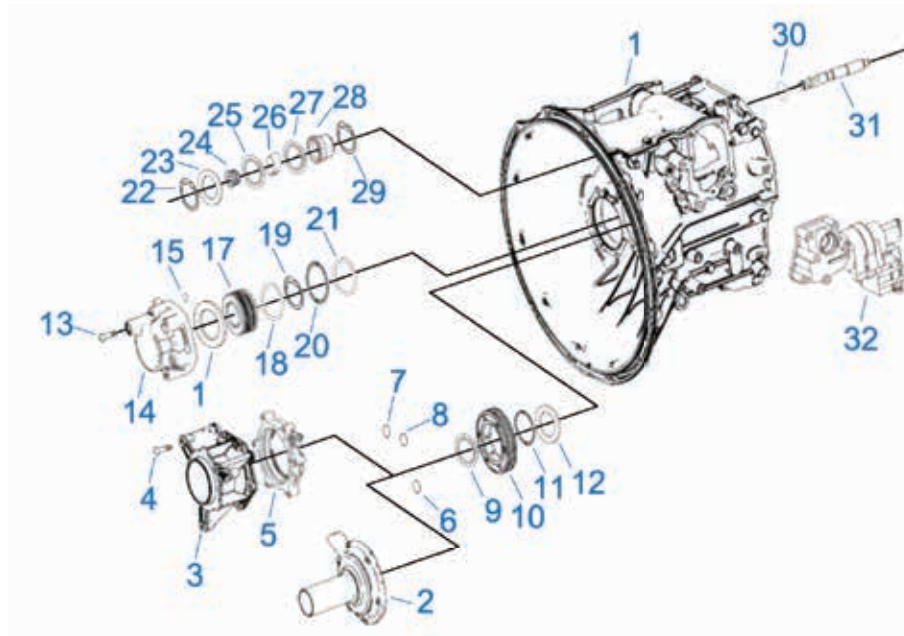
Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT0149811405	014 981 1405	Bearing - 50.8x100x34.93 mm	1	
2	EADT3899940041	389 994 0041	Snap Ring	1	
3	EADT9302631310	930 263 1310	Double Gear - 30/36 T	1	
4	EADT9302630812	930 263 0812	Gear - 23 T	1	
5	EADT9302630402	930 263 0402	Countershaft	1	
6		016 981 1205	Bearing - 60x130x33.80 mm	1	
6	EADT0169811205	016 981 1205	Bearing - 60x130x33.80 mm	1	
6	EADT0199816105	019 981 6105	Bearing - 60x110x34 mm	1	
7	EADT9302601724	930 260 1724	Countershaft Assembly	1	
7		930 260 2224	Countershaft Assembly	1	

DT12® 281-Direct Drive Model A Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT9302630031	930 263 0031	Reverse Gear - 24 T	1	
2	EADT0129818910	012 981 8910	Needle Bearing - 42x50x51 mm	1	
3	EADT3892630850	389 263 0850	Bushing	1	
4	EADT9762630030	976 263 0030	Reverse Gear Shaft	1	
5		945 263 0041	Key	1	
6		910105 010009	Screw	1	

DT12® 281-Direct Drive Model A Front Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		960 260 7511	Front Housing	1	
1		960 260 5712	Front Housing	1	
1		945 260 5912	Front Housing	1	
1		945 260 8812	Front Housing	1	
1		960 260 6512	Front Housing	1	
1		945 260 0423	Front Housing	1	
2	EADT9452611118	945 261 1118	Input shaft cover	1	
3		960 261 0218	Input Shaft Cover	1	
3		960 261 0518	Input shaft cover	1	
4		000000 000631	Screw	6	
4		000000 006424	Screw	6	
5		960 260 0014	Cover	1	
6	EADT0239977748	023 997 7748	O-Ring - 13x2 mm	1	
6		012 997 6845	O-Ring	1	
7	EADT0199978348	019 997 8348	O-Ring - 14x4 mm	1	
8	EADT0159974048	015 997 4048	O-Ring - 5x3 mm	1	
9	EADT0199970547	019 997 0547	Oil Seal - 56x72x8 mm	1	
10	EADT3892610665	389 261 0665	Oil Baffle	1	
11	EADT0209977848	020 997 7848	O-Ring - 138x3 mm	1	
12	EADT3892623055	389 262 3055	Thrust Washer - 0.25 mm	0	
12	EADT3892623555	389 262 3555	Thrust Washer - 0.40 mm	0	
12		389 262 4055	Thrust Washer - 0.55 mm	0	
12		389 262 3155	Thrust Washer - 0.28 mm	0	
12		389 262 3255	Thrust Washer - 0.31 mm	0	
12		389 262 3355	Thrust Washer - 0.34 mm	0	
12		389 262 3455	Thrust Washer - 0.37 mm	0	
12		389 262 3655	Thrust Washer - 0.43 mm	0	

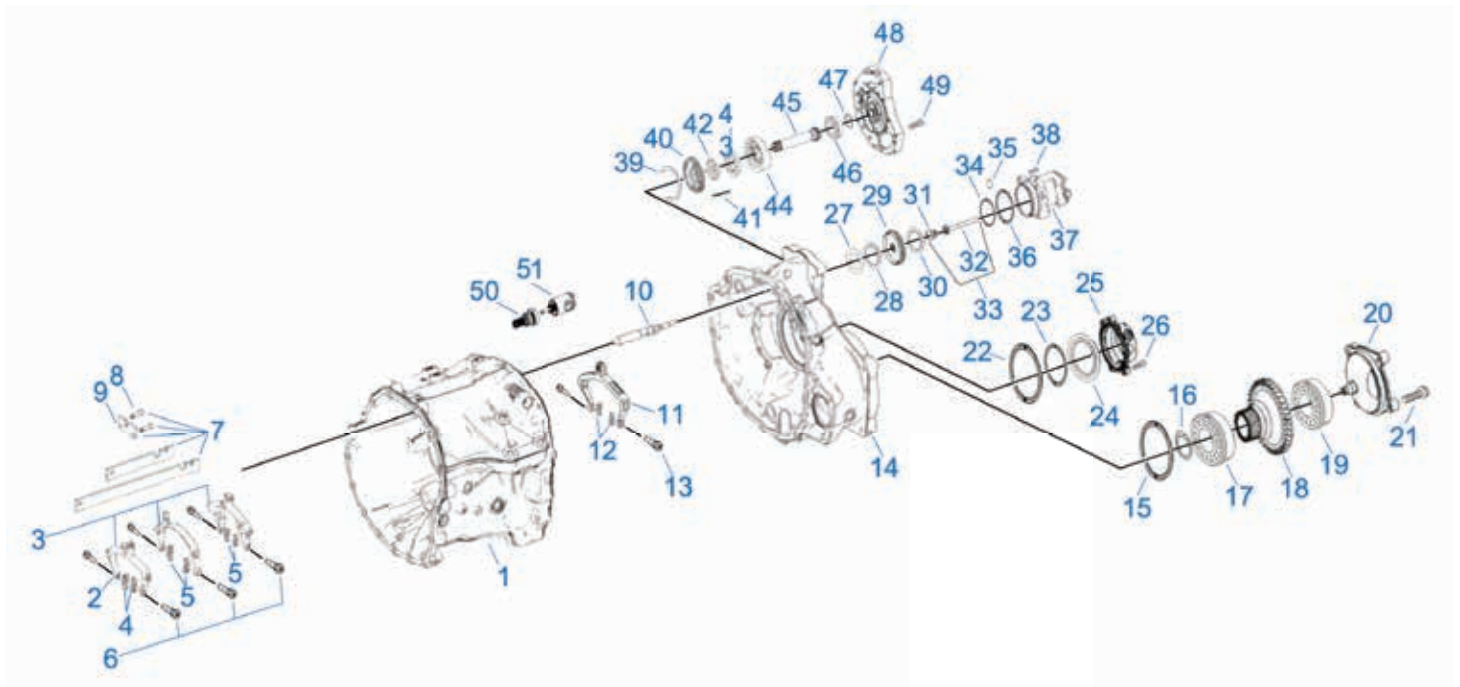
DT12® 281-Direct Drive Model A Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
12		389 262 3755	Thrust Washer - 0.46 mm	0	
12		389 262 3955	Thrust Washer - 0.52 mm	0	
12		389 262 3855	Thrust Washer - 0.49 mm	0	
13		000000 003076	Screw	6	
13		000000 008668	Screw	6	
13		910143 008019	Screw	6	
14		960 260 5665	Housing Cover	1	
14		960 260 4865	Housing Cover	1	
14		960 261 5033	Housing Cover	1	
14		960 260 4365	Housing Cover	1	
15	EADT0159974048	015 997 4048	O-Ring - 5x3 mm	1	
16		947 260 0718	Spacer Kit	1	
16		960 260 3318	Spacer Kit	1	
17		960 260 3418	Piston		
17		960 260 2618	Piston	1	
17		960 260 2518	Piston	1	
18		960 262 0291	Thrust Washer Kit	1	
18		960 262 0291	Thrust Washer Kit	1	
19		000472 100000	Snap Ring - 3.00 mm	1	
20	EADT0289972348	028 997 2348	O-Ring - 100x3 mm	1	
21	EADT3892635352	389 263 5352	Thrust Washer - 0.40 mm	0	
21	EADT3892636352	389 263 6352	Thrust Washer - 0.70 mm	0	
21	EADT3892637352	389 263 7352	Thrust Washer - 1.00 mm	0	
21	EADT3892638352	389 263 8352	Thrust Washer - 1.30 mm	0	
21		389 263 5452	Thrust Washer - 0.43 mm	0	
21		389 263 5552	Thrust Washer - 0.46 mm	0	
21		389 263 5652	Thrust Washer - 0.49 mm	0	
21		389 263 5752	Thrust Washer - 0.52 mm	0	
21		389 263 5852	Thrust Washer - 0.55 mm	0	
21		389 263 5952	Thrust Washer - 0.58 mm	0	
21		389 263 6052	Thrust Washer - 0.61 mm	0	
21		389 263 6152	Thrust Washer - 0.64 mm	0	
21		389 263 6252	Thrust Washer - 0.67 mm	0	
21		389 263 6552	Thrust Washer - 0.76 mm	0	
21		389 263 6652	Thrust Washer - 0.79 mm	0	
21		389 263 6852	Thrust Washer - 0.85 mm	0	
21		389 263 6952	Thrust Washer - 0.88 mm	0	
21		389 263 7052	Thrust Washer - 0.91 mm	0	
21		389 263 7152	Thrust Washer - 0.94 mm	0	
21		389 263 7252	Thrust Washer - 0.97 mm	0	
21		389 263 7452	Thrust Washer - 1.03 mm	0	
21		389 263 7552	Thrust Washer - 1.06 mm	0	
21		389 263 7652	Thrust Washer - 1.09 mm	0	
21		389 263 7752	Thrust Washer - 1.12 mm	0	
21		389 263 7952	Thrust Washer - 1.18 mm	0	
21		389 263 8052	Thrust Washer - 1.21 mm	0	
21		389 263 8152	Thrust Washer - 1.24 mm	0	
21		389 263 8252	Thrust Washer - 1.27 mm	0	
21		389 263 8452	Thrust Washer - 1.33 mm	0	

DT12® 281-Direct Drive Model A Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
21		389 263 8552	Thrust Washer - 1.36 mm	0	
21		389 263 8652	Thrust Washer - 1.39 mm	0	
21		389 263 5252	Thrust Washer - 0.37 mm	0	
21		389 263 6452	Thrust Washer - 0.73 mm	0	
21		389 263 6752	Thrust Washer - 0.82 mm	0	
21		389 263 7852	Thrust Washer - 1.15 mm	0	
21		389 263 8952	Thrust Washer - 2.00 mm	0	
22	EADT0069944241	006 994 4241	Snap Ring - 2.50 mm	1	
23	EADT3892621555	389 262 1555	Spacer - 1.49 mm	0	
23	EADT3892622052	389 262 2052	Spacer - 1.40 mm	0	
23	EADT3892622854	389 262 2854	Spacer - 0.50 mm	0	
23	EADT3892623052	389 262 3052	Spacer - 1.90 mm	0	
23	EADT3892623252	389 262 3252	Spacer - 2.00 mm	0	
23	EADT3892623254	389 262 3254	Spacer - 1.05 mm	0	
23	EADT3892623352	389 262 3352	Spacer - 2.50 mm	0	
23	EADT3892623554	389 262 3554	Spacer - 1.20 mm	0	
23	EADT3892622355	389 262 2355	Spacer - 1.79 mm	0	
23		389 262 2555	Spacer - 0.70 mm	0	
23		389 262 2655	Spacer - 0.90 mm	0	
23		389 262 3354	Spacer - 1.10 mm	0	
23		389 262 4856	Spacer - 0.80 mm	0	
23		389 262 4956	Spacer - 0.55 mm	0	
24	EADT9452670218	945 267 0218	Piston	1	
25	EADT0069976447	006 997 6447	Oil Seal - 41x48x11.5 mm	1	
26	EADT3872670650	387 267 0650	Bushing - 34x22x8 mm	1	
27	EADT0002670197	000 267 0197	Oil Seal - 22x32x8 mm	1	
28	EADT9452670819	945 267 0819	Cylinder	1	
29	EADT0229974248	022 997 4248	O-Ring - 55.6x3 mm	2	
30	EADT3872632652	387 263 2652	Thrust Washer - 0.20 mm	0	
30	EADT3872632852	387 263 2852	Thrust Washer - 0.60 mm	0	
30	EADT3872633052	387 263 3052	Thrust Washer - 1.00 mm	0	
30	EADT3872632752	387 263 2752	Thrust Washer - 0.40 mm	0	
31		960 267 1817	Gear Shift Rail	1	
31		930 267 2117	Gear Shift Rail	1	
32	EADT9302600163	930 260 0163	Gear Control Cylinder	1	

DT12® 281-Direct Drive Model A Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		960 261 3826	Center Housing	1	
1		960 261 5803	Center Housing	1	
1		960 261 8926	Center Housing	1	
1		960 261 1929	Center Housing	1	
1		960 261 2429	Center Housing	1	
1		960 261 3129	Center Housing	1	
1		960 260 9112	Center Housing	1	
1		960 260 9412	Center Housing	1	
1		960 260 3223	Center Housing	1	
1		960 260 3323	Center Housing	1	
1		945 261 4026	Center Housing	1	
1		945 261 3926	Center Housing	1	
1		945 261 5326	Center Housing	1	
1		945 260 7112	Center Housing	1	
1		945 260 7212	Center Housing	1	
1		930 260 4511	Center Housing	1	
1		960 261 9603	Center Housing	1	
1		960 261 3029	Center Housing	1	
1		960 260 9612	Center Housing	1	
2		930 265 0201	Shift Fork	1	
3		930 260 1230	Fork Assembly	1	If 930 260 1230 used to replace 930 260 0530, also replace Gear Shift Kit using 930 260 0231, the Plate using 930 265 0245 and screws using 945 267 0071.
3		960 260 3030	Fork Assembly	1	
4	EADT9472650349	947 265 0349	Sliding Pad	2	

DT12® 281-Direct Drive Model A Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
5	EADT9472650449	947 265 0449	Sliding Pad	4	
6	EADT9452652974	945 265 2974	Fork Pin	4	
7		960 260 0231	Gear Shift Rail Kit	1	
7		930 260 0231	Gear Shift Rail Kit	1	If 930 260 0231 used to replace 930 260 0031, also replace Fork Kit using 930 260 1230, the Plate using 930 265 0245 and screws using 945 267 0071.
8		945 267 0071	Screw	2	
9			Lock Plate	1	
10	EADT9302670217	930 267 0217	Gear Shift Rail	1	
10	EADT9452672217	945 267 2217	Gear Shift Rail	1	
10		960 267 3217	Gear Shift Rail	1	
11	EADT9472651901	947 265 1901	Shift Fork	1	
11		960 265 3501	Shift Fork	1	
11		930 265 0201	Shift Fork	1	
12	EADT9472650349	947 265 0349	Sliding Pad	2	
13	EADT9452652974	945 265 2974	Fork Pin	2	
14		945 260 6812	Rear Housing	1	
14		930 260 2311	Rear Housing	1	
14		960 260 0012	Rear Housing	1	
14		960 260 0112	Rear Housing	1	
14		960 260 2112	Rear Housing	1	
14		960 260 5423	Rear Housing	1	
14		960 260 5912	Rear Housing	1	
14		960 260 4311	Rear Housing	1	
14		930 260 2411	Rear Housing	1	
14		945 261 3826	Rear Housing	1	
15	EADT0179979145	017 997 9145	O-Ring - 198x3 mm	1	
16		000983 020000	Snap Ring	1	
17		000625 006004	Bearing	1	
18		930 264 0921	PTO Gear	1	
19		000625 506007	Bearing	1	
20		930 264 0111	Housing Cover	1	
21		910105 014009	Screw	4	
22	EADT0159972848	015 997 2848	O-Ring - 149.5x3 mm	1	
23	EADT0159972748	015 997 2748	O-Ring - 12x4.5 mm	1	
24	EADT0239971647	023 997 1647	Oil Seal - 95x115x15.5 mm	1	
25	EADT3892611920	389 261 1920	Front Cover	1	If 389 261 1920 used to replace 389 261 0320, also replace Housing Cover using 389 261 0933, replace Gasket using 389 261 1480, replace O-Ring with 015 997 2748, replace O-Ring with 015 997 2848 and the closing Screws.
25	EADT9302610420	930 261 0420	Front Cover	1	
26		000000 000428	Screw	5	
27	EADT0002670197	000 267 0197	Oil Seal - 22x32x8 mm	1	
28	EADT3872670650	387 267 0650	Bushing - 34x22x8 mm	1	
29	EADT9602670118	960 267 0118	Piston	1	
30	EADT0249978347	024 997 8347	Oil Seal - 77x90x17 mm	1	

DT12® 281-Direct Drive Model A Center/Rear Housing

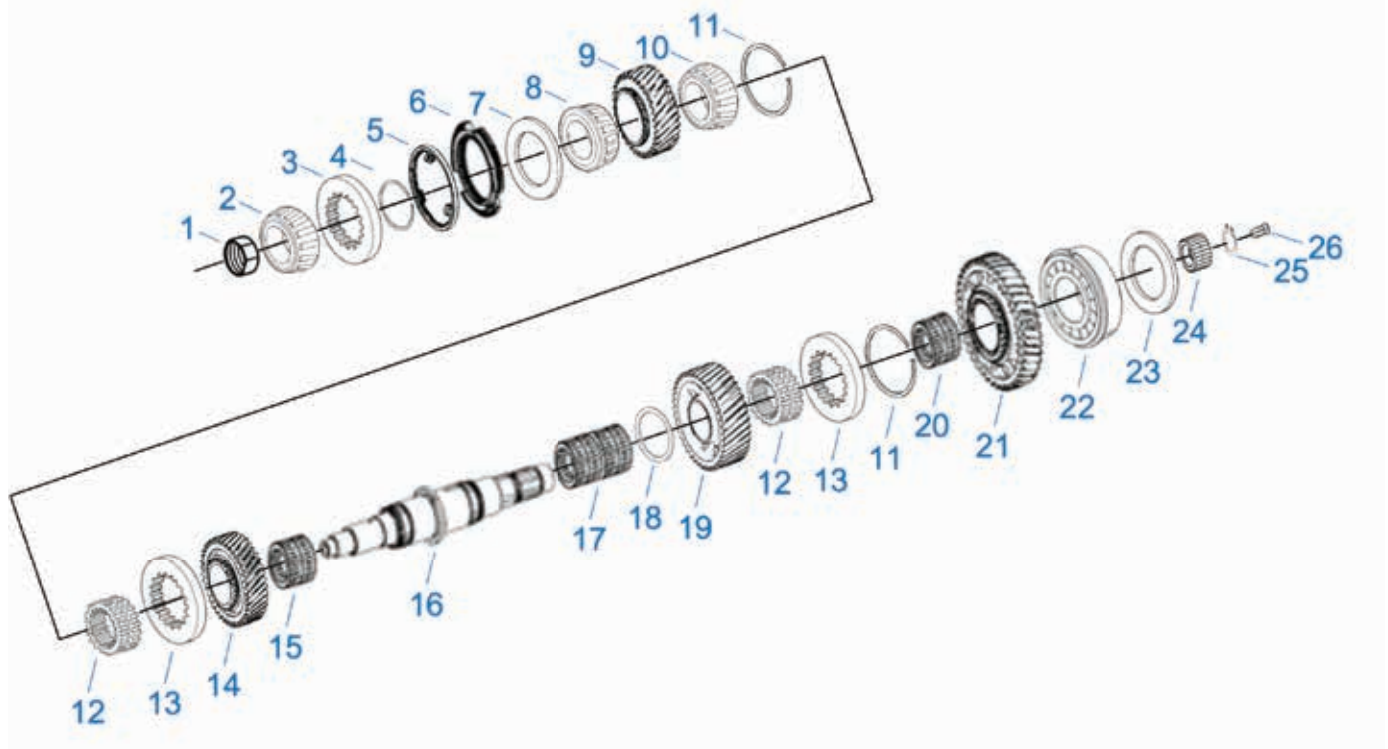
Item	Part Number	Industry Number	Description	Qty	Notes
31	EADT0089930801	008 993 0801	Spring - 9.7x7.7x8.1 mm	1	
32	EADT0005435785	000 543 5785	Piston - Magnetic	1	
33		960 543 0285	Control Repair Kit	1	
34	EADT0139977548	013 997 7548	O-Ring - 89.5x3 mm	1	
35	EADT0159974048	015 997 4048	O-Ring - 5x3 mm	1	
36	EADT0179976545	017 997 6545	O-Ring - 96x1.5 mm	1	
37	EADT0022609563	002 260 9563	Shift Cylinder	1	
37		003 260 6063	Shift Cylinder	1	
38		910105 010003	Screw	2	
38		000000 000428	Screw	2	
38		910143 010014	Screw	2	
39		389 262 5154	Thrust Washer - 1.30 mm	0	
39		389 262 5254	Thrust Washer - 1.25 mm	0	
39		389 262 5354	Thrust Washer - 1.20 mm	0	
39		389 262 5454	Thrust Washer - 1.15 mm	0	
39		389 262 5554	Thrust Washer - 1.10 mm	0	
39		389 262 5654	Thrust Washer - 1.05 mm	0	
39		389 262 5854	Thrust Washer - 0.95 mm	0	
39		389 262 6254	Thrust Washer - 0.80 mm	0	
39		389 262 6354	Thrust Washer - 0.85 mm	0	
39		389 262 5954	Thrust Washer - 0.90 mm	0	
39		389 262 5754	Thrust Washer - 1.00 mm	0	
39		389 262 4656	Thrust Washer - 0.55 mm	0	
40	EADT9472691001	947 269 1001	Oil Pump Housing	1	
41		001 991 7860	Dowel Pin	1	
42	EADT3892691206	389 269 1206	Oil Pump Outer Rotor	1	
43	EADT3892691406	389 269 1406	Oil Pump Inner Rotor	1	
44	EADT9452690201	945 269 0201	Oil Pump Cover	1	
45	EADT9472691010	947 269 1010	Oil Pump Shaft - 210 mm	1	
45	EADT9472691110	947 269 1110	Oil Pump Shaft - 235 mm	1	
45		960 269 1010	Oil Pump Shaft	1	
45		960 269 1110	Oil Pump Shaft	1	
46	EADT0089815425	008 981 5425	Bearing - 17x35x10 mm	1	
47		912009 045100	Snap Ring - 1.50 mm	1	
48	EADT9452611033	945 261 1033	Front Cover - Aluminium	1	If 945 261 1033 used to replace 389 261 2333 or 389 261 2433, also replace Oil Pump Shaft using 945 269 1010 or 945 269 1110, replace Bearing using 008 981 3425, replace Snap Ring with 912009 045100, and the closing Screws.
49		910105 010011	Screw - M10x1.5x40	4	
49		910105 010002	Screw - M10x1.5x50	8	
50		960 260 1057	Solenoid Valve	1	
50		960 260 2157	Solenoid Valve	1	
51	EADT9602601257	960 260 1257	Solenoid Valve	1	
51		960 260 1157	Solenoid Valve	1	
51		960 260 2257	Solenoid Valve	1	
51		960 260 1357	Solenoid Valve	1	

DT12® 330-Over Drive Model A Input Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1		387 262 8673	Snap Ring - 3.15 mm	0	
1		387 262 8773	Snap Ring - 3.20 mm	0	
1		387 262 8873	Snap Ring - 3.25 mm	0	
1		387 262 8973	Snap Ring - 3.30 mm	0	
1		387 262 9073	Snap Ring - 3.35 mm	0	
1		387 262 9173	Snap Ring - 3.40 mm	0	
1		387 262 9273	Snap Ring - 3.45 mm	0	
1		387 262 9373	Snap Ring - 3.50 mm	0	
2	EADT0119811305	011 981 1305	Bearing - 75x140x34.25 mm	1	
2	EADT0119811305	011 981 1305	Bearing - 75x140x34.25 mm	1	
3	EADT0229812110	022 981 2110	"Needle Bearing 84x90x48 mm"	1	
4	EADT9472623510	947 262 3510	Gear - 29 T	1	
5	EADT9452627734	945 262 7734	Synchro Cone	2	
6	EADT9452602245	945 260 2245	Synchro Ring	2	Type A
6	EADT9472602845	947 260 2845	Synchro Ring	2	Type C - Carbon
6		CEI 119300	Synchro Ring	2	Type B
7	EADT3872621093	387 262 1093	Snap Ring	1	
8		947 262 5202	Input Shaft	1	
8		948 262 0702	Input Shaft	1	
8	EADT9472623202	947 262 3202	Input Shaft - 60 T	1	
9	EADT9762690034	976 269 0034	Oil Collector Tube	1	
10	EADT0009949841	000 994 9841	Snap Ring	1	
11	EADT0002628662	000 262 8662	Oil Seal - 73.5x101x7 mm	1	

DT12® 330-Over Drive Model A Main Shaft



Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT9459900250	945 990 0250	Nut - M30x1.5	1	
2	EADT0179811305	017 981 1305	Bearing Cone - 39.69IDx40.39T mm	1	
2		017 981 1305	Bearing Cone - 39.69IDx40.39T mm	1	
2		018 981 7005	Bearing	1	
3	EADT9452626523	945 262 6523	Synchro Sliding Sleeve	1	
4	EADT3872620893	387 262 0893	Snap Ring	2	
5	EADT9472601945	947 260 1945	Synchro Ring	2	Type A
5	EADT9472603545	947 260 3545	Synchro Ring	2	Type C - Carbon
5		947 260 5145	Synchro Ring	2	
6	EADT9302620234	930 262 0234	Synchro Cone	1	
7	EADT3892621555	389 262 1555	Spacer - 1.49 mm	0	
7	EADT3892621952	389 262 1952	Spacer - 1.35 mm	0	
7	EADT3892622052	389 262 2052	Spacer - 1.40 mm	0	
7	EADT3892622854	389 262 2854	Spacer - 0.50 mm	0	
7	EADT3892623052	389 262 3052	Spacer - 1.90 mm	0	
7	EADT3892623152	389 262 3152	Spacer - 1.95 mm	0	
7	EADT3892623252	389 262 3252	Spacer - 2.00 mm	0	
7	EADT3892623254	389 262 3254	Spacer - 1.05 mm	0	
7	EADT3892623454	389 262 3454	Spacer - 1.15 mm	0	
7	EADT3892623554	389 262 3554	Spacer - 1.20 mm	0	
7	EADT3892623654	389 262 3654	Spacer - 1.25 mm	0	
7	EADT3892622355	389 262 2355	Spacer - 1.79 mm	0	
7	EADT3892622352	389 262 2352	Spacer - 1.55 mm	0	
7		389 262 2555	Spacer - 0.70 mm	0	
7		389 262 2655	Spacer - 0.90 mm	0	

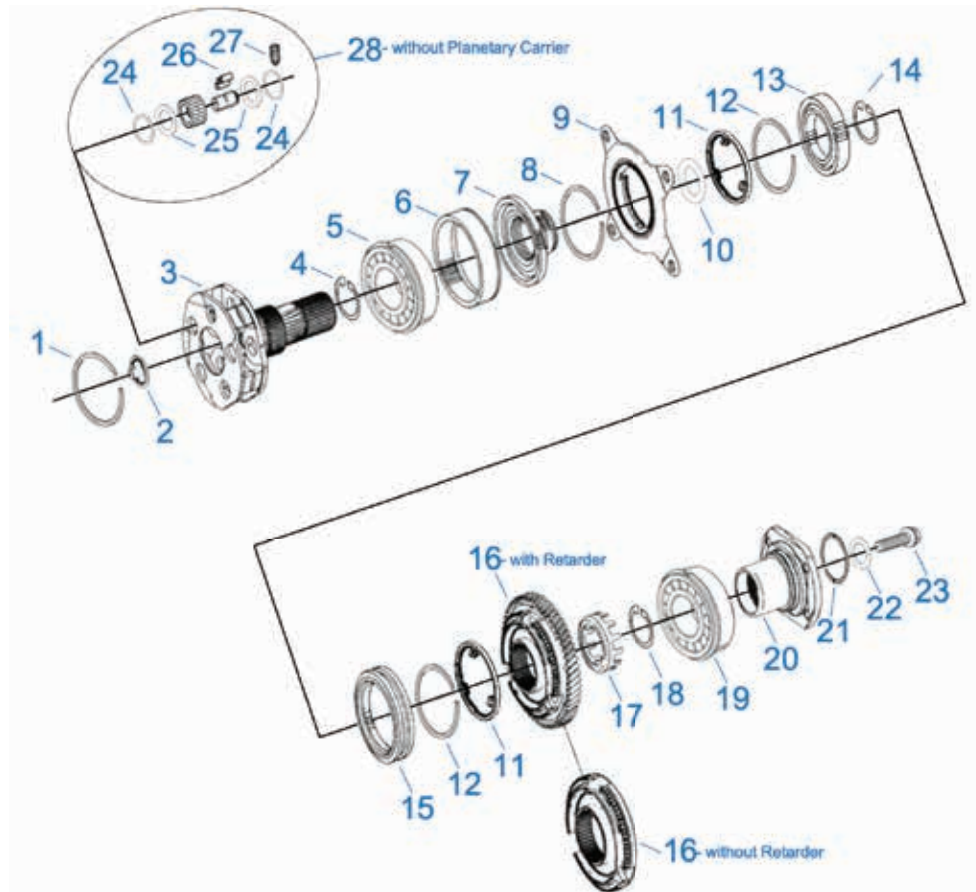
DT12[®] 330-Over Drive Model A Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
7		389 262 3354	Spacer - 1.10 mm	0	
7		389 262 2155	Spacer - 1.73 mm	0	
7		389 262 1355	Spacer - 1.43 mm	0	
7		389 262 1455	Spacer - 1.46 mm	0	
7		389 262 1655	Spacer - 1.52 mm	0	
7		389 262 1755	Spacer - 1.58 mm	0	
7		389 262 1855	Spacer - 1.61 mm	0	
7		389 262 1955	Spacer - 1.64 mm	0	
7		389 262 2255	Spacer - 1.76 mm	0	
7		389 262 2455	Spacer - 1.82 mm	0	
7		389 262 2952	Spacer - 1.85 mm	0	
7		389 262 2055	Spacer - 1.67 mm	0	
8	EADT0179815105	017 981 5105	Bearing Cone - 50IDx41.28T mm	1	
9	EADT9302623617	930 262 3617	Gear - 31 T	1	
9		960 262 1017	Gear - 31 T	1	
10	EADT0179817105	017 981 7105	Bearing Cone - 55IDx29.80T mm	1	
11		007 994 0041	Snap Ring - 2.50 mm	0	
11		387 262 2073	Snap Ring - 2.40 mm	0	
11		387 262 2173	Snap Ring - 2.45 mm	0	
11		387 262 2373	Snap Ring - 2.55 mm	0	
11		387 262 2473	Snap Ring - 2.60 mm	0	
11		387 262 2573	Snap Ring - 2.65 mm	0	
11		387 262 7973	Snap Ring - 2.70 mm	0	
11		387 262 8073	Snap Ring - 2.75 mm	0	
11		387 262 8173	Snap Ring - 2.80 mm	0	
12	EADT9602623135	960 262 3135	Synchro Hub	2	
12	EADT9452623635	945 262 3635	Synchro Hub	2	Replaced by Synchro Hub 930 262 0835
13	EADT9302620123	930 262 0123	Synchro Sliding Sleeve	2	
14	EADT9302620112	930 262 0112	Gear - 38 T	1	
15	EADT0239815210	023 981 5210	Needle Bearing - 85x93x60 mm	1	
16	EADT9302620805	930 262 0805	Main Shaft	1	Must be used with Sun Gear EADT9452620909
16	EADT9602623805	960 262 3805	Main Shaft	1	Must be used with Sun Gear EADT9602620009
16		930 262 0205	Main Shaft	1	Replaced by Main Shaft 930 262 0805
17	EADT0229815510	022 981 5510	Needle Bearing - 85x93x73 mm	1	
18		389 262 8852	Thrust Washer	1	
19	EADT9302620511	930 262 0511	Gear - 41 T	1	
20	EADT0229816010	022 981 6010	Needle Bearing - 75x83x48 mm	1	
21	EADT9302620033	930 262 0033	Reverse Gear - 45 T	1	
21	EADT9302620133	930 262 0133	Reverse Gear - 45 T	1	Used on Main Shaft 930 262 0805
22		002 981 8181	Bearing	1	
22		003 980 0202	Bearing	1	
22		002 981 7180	Bearing Cone - 130 mm	1	
22	EADT0149816105	014 981 6105	Bearing - 60x137.2x33.25 mm	1	
22	EADT0189816805	018 981 6805	Bearing - 60x137.2x35.25 mm	1	Used with Main Shaft 930 262 0805
22			Bearing	1	

DT12[®] 330-Over Drive Model A Main Shaft

Item	Part Number	Industry Number	Description	Qty	Notes
23			Thrust Washer	1	
24	EADT9602620009	960 262 0009	Sun Gear - 25 T	1	Must be used with Main Shaft EADT9602623805
24	EADT9452620909	945 262 0909	Sun Gear - 25 T	1	Must be used with Main Shaft EADT9302620805
25		007 994 1841	Snap Ring - 2.50 mm	1	
26		001 990 2759	Plug	1	

DT12[®] 330-Over Drive Model A Planetary Carrier

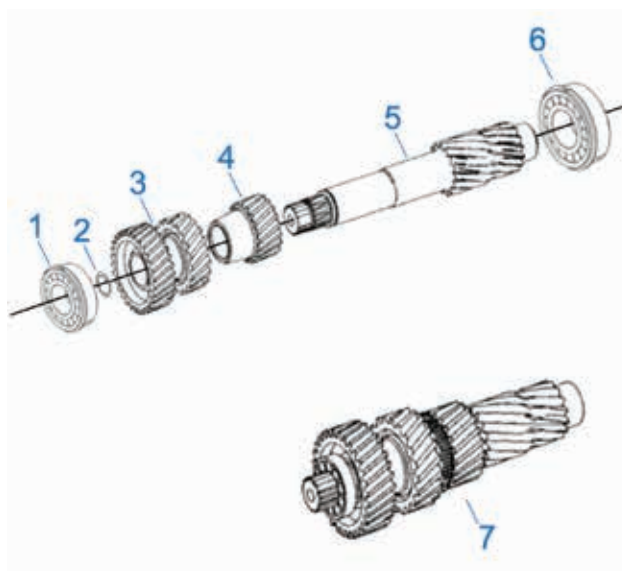


Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT000472060000	000472 060000	Snap Ring - 2.00 mm	1	
2		945 269 0834	Oil Tube	1	
3	EADT9462603661	946 260 3661	Planetary Carrier	1	If 946 260 3661 used to replace 389 260 8661 or 389 260 8761, also replace bearing using 007 981 3325. If 946 260 3661 used to replace 945 260 4461 or 945 260 4561, also replace washer using 945 262 0762 and screw 910105 020025.
3	EADT9302604061	930 260 4061	Planetary Carrier	1	
3		960 260 2761	Planetary Carrier	1	
4		000472 130000	Snap Ring - 4.00 mm	1	
5		008 981 1325	Bearing - 90x130x14 mm	1	
5	EADT0089811325	008 981 1325	Bearing - 90x130x14 mm	1	
6	EADT9452620808	945 262 0808	Gear - 85 T	1	
6		960 260 6008	Gear - 85 T	1	
7	EADT9302620125	930 262 0125	Carrier Hub - 85 T	1	
8	EADT3892620773	389 262 0773	Snap Ring	1	
9	EADT9472603036	947 260 3036	Synchro Cone w/ Plate	1	
9		960 260 2336	Synchro Cone w/ Plate	1	
10	EADT3892620251	389 262 0251	Spacer	1	
11	EADT9472600945	947 260 0945	Synchro Ring	2	Type A
11	EADT9472603045	947 260 3045	Synchro Ring	2	Type C - Carbon
11		CEI 119298	Synchro Ring	2	Type B
12	EADT3892620293	389 262 0293	Snap Ring	2	

DT12® 330-Over Drive Model A Planetary Carrier

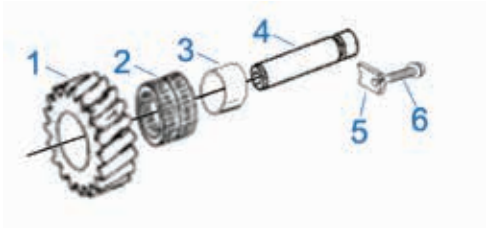
Item	Part Number	Industry Number	Description	Qty	Notes
13	EADT3892622035	389 262 2035	Synchro Hub	1	
14		000471 120000	Snap Ring	1	
15	EADT9452626923	945 262 6923	Synchro Sliding Sleeve	1	
15		960 262 1323	Synchro Sliding Sleeve	1	
16		960 264 2720	Synchro Cone w/ Retarder	1	
16	EADT9302640320	930 264 0320	Synchro Cone w/ Retarder	1	
16		960 264 0020	Synchro Cone w/ Retarder	1	
16	EADT9302640420	930 264 0420	Synchro Cone w/ Retarder	1	
16	EADT9452623834	945 262 3834	Synchro Cone	1	
16		960 262 2834	Synchro Cone	1	
17		930 262 1428	Rev Counter	1	
17	EADT3872620928	387 262 0928	Rev Counter	1	
18		000472 150000	Snap Ring	1	
19	EADT0089813025	008 981 3025	Bearing - 80x150x28 mm	1	
20	EADT3892620645	389 262 0645	Flange - 200.00 mm	1	
20	EADT9452620045	945 262 0045	Flange - 180.00 mm	1	
20	EADT9472620345	947 262 0345	Flange - 150.00 mm	1	
20	EADT9302620145	930 262 0145	Flange - 200.00 mm	1	
20		387 264 3445	Flange - 180.00 mm	1	
20		960 262 0145	Flange - 200.00 mm	1	
20		945 262 7445	Flange	1	
20		960 262 0045	Flange - 180.00 mm	1	
21	EADT0259975345	025 997 5345	O-Ring	1	
21	EADT0279973048	027 997 3048	O-Ring - 56.52x5.33	1	
22	EADT9452620762	945 262 0762	Washer - 20x93 mm	1	
22		976 262 0362	Washer	1	
23	EADT9459900600	945 990 0600	Screw	1	
23		000000 006750	Screw - M20x1.5X80	1	
24	EADT3892621462	389 262 1462	Thrust Washer	10	
25		389 262 0162	Washer	10	
26		000 981 4186	Needle - 0.5x39.8 mm	125	
27		000914 006109	Pin - M6x14	5	
28	EADT9462600097	946 260 0097	Side Pinion Kit	1	
28		960 260 3097	Side Pinion Kit	1	

DT12[®] 330-Over Drive Model A Counter Shaft



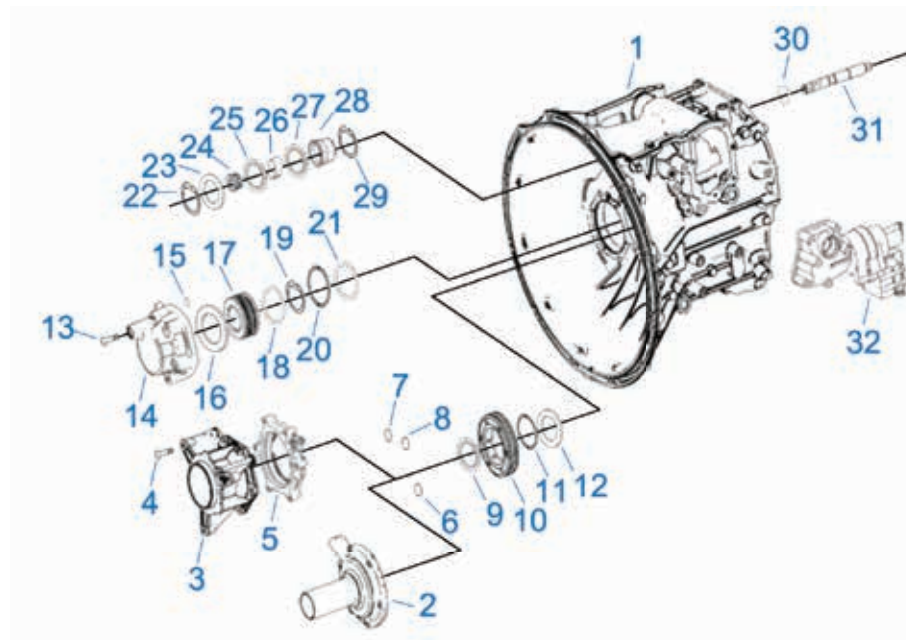
Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT0149811405	014 981 1405	Bearing - 50.8x100x34.93 mm	1	
2	EADT3899940041	389 994 0041	Snap Ring	1	
3	EADT9302631910	930 263 1910	Double Gear - 30/30 T	1	
4	EADT9302630112	930 263 0112	Gear - 23 T	1	
5	EADT9302630402	930 263 0402	Countershaft	1	
6		016 981 1205	Bearing - 60x130x33.80 mm	1	
6	EADT0169811205	016 981 1205	Bearing - 60x130x33.80 mm	1	
6	EADT0199816105	019 981 6105	Bearing - 60x110x34 mm	1	
7	EADT9302600124	930 260 0124	Countershaft Assembly	1	
7	EADT9302602324	930 260 2324	Countershaft Assembly	1	

DT12[®] 330-Over Drive Model A Reverse Idler



Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT9302630031	930 263 0031	Reverse Gear - 24 T	1	
2	EADT0129818910	012 981 8910	Needle Bearing - 42x50x51 mm	1	
3	EADT3892630850	389 263 0850	Bushing	1	
4	EADT9762630030	976 263 0030	Reverse Gear Shaft	1	
5		945 263 0041	Key	1	
6		910105 010009	Screw	1	

DT12® 330-Over Drive Model A Front Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		960 260 7511	Front Housing		
1		960 260 5712	Front Housing		
1		945 260 5912	Front Housing		
1		945 260 8812	Front Housing		
1		960 260 6512	Front Housing		
1		945 260 0423	Front Housing		
2	EADT9452611118	945 261 1118	Input shaft cover		
3		960 261 0218	Input Shaft Cover		
3		960 261 0518	Input shaft cover		
4		000000 000631	Screw		
4		000000 006424	Screw		
5		960 260 0014	Cover		
5		930 261 0418	Cover		
6	EADT0239977748	023 997 7748	O-Ring - 13x2 mm		
6		012 997 6845	O-Ring		
7	EADT0199978348	019 997 8348	O-Ring - 14x4 mm		
8	EADT0159974048	015 997 4048	O-Ring - 5x3 mm		
9	EADT0199970547	019 997 0547	Oil Seal - 56x72x8 mm		
10	EADT3892610665	389 261 0665	Oil Baffle		
11	EADT0209977848	020 997 7848	O-Ring - 138x3 mm		
12	EADT3892623055	389 262 3055	Thrust Washer - 0.25 mm		
12	EADT3892623555	389 262 3555	Thrust Washer - 0.40 mm		
12		389 262 4055	Thrust Washer - 0.55 mm		
12		389 262 3155	Thrust Washer - 0.28 mm		
12		389 262 3255	Thrust Washer - 0.31 mm		
12		389 262 3355	Thrust Washer - 0.34 mm		
12		389 262 3455	Thrust Washer - 0.37 mm		

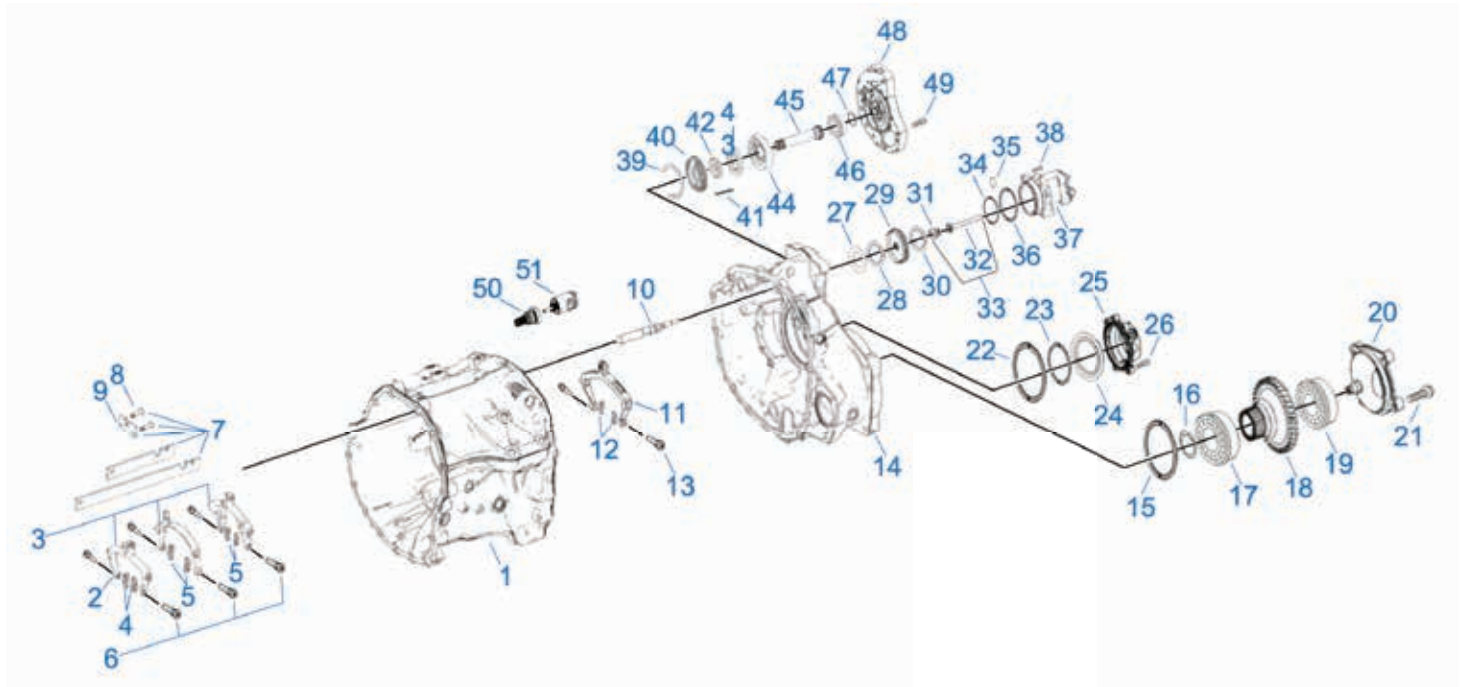
DT12® 330-Over Drive Model A Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
12		389 262 3655	Thrust Washer - 0.43 mm		
12		389 262 3755	Thrust Washer - 0.46 mm		
12		389 262 3955	Thrust Washer - 0.52 mm		
12		389 262 3855	Thrust Washer - 0.49 mm		
13		000000 003076	Screw		
13		000000 008668	Screw		
13		910143 0080019	#N/A		
14		960 260 5665	Housing Cover		
14		960 260 4865	Housing Cover		
14		960 261 5033	Housing Cover		
14		960 260 4365	Housing Cover		
15	EADT0159974048	015 997 4048	O-Ring - 5x3 mm		
16		947 260 0718	Spacer Kit		
16		960 260 3318	Spacer Kit		
17		960 260 3418	Piston		
17		960 260 2618	Piston		
17		960 260 2518	Piston		
18		960 262 0291	Thrust Washer Kit		
18		960 262 0291	Thrust Washer Kit		
19		000472 100000	Snap Ring - 3.00 mm		
20	EADT0289972348	028 997 2348	O-Ring - 100x3 mm		
21	EADT3892635352	389 263 5352	Thrust Washer - 0.40 mm		
21	EADT3892636352	389 263 6352	Thrust Washer - 0.70 mm		
21	EADT3892637352	389 263 7352	Thrust Washer - 1.00 mm		
21	EADT3892638352	389 263 8352	Thrust Washer - 1.30 mm		
21		389 263 5452	Thrust Washer - 0.43 mm		
21		389 263 5552	Thrust Washer - 0.46 mm		
21		389 263 5652	Thrust Washer - 0.49 mm		
21		389 263 5752	Thrust Washer - 0.52 mm		
21		389 263 5852	Thrust Washer - 0.55 mm		
21		389 263 5952	Thrust Washer - 0.58 mm		
21		389 263 6052	Thrust Washer - 0.61 mm		
21		389 263 6152	Thrust Washer - 0.64 mm		
21		389 263 6252	Thrust Washer - 0.67 mm		
21		389 263 6552	Thrust Washer - 0.76 mm		
21		389 263 6652	Thrust Washer - 0.79 mm		
21		389 263 6852	Thrust Washer - 0.85 mm		
21		389 263 6952	Thrust Washer - 0.88 mm		
21		389 263 7052	Thrust Washer - 0.91 mm		
21		389 263 7152	Thrust Washer - 0.94 mm		
21		389 263 7252	Thrust Washer - 0.97 mm		
21		389 263 7452	Thrust Washer - 1.03 mm		
21		389 263 7552	Thrust Washer - 1.06 mm		
21		389 263 7652	Thrust Washer - 1.09 mm		
21		389 263 7752	Thrust Washer - 1.12 mm		
21		389 263 7952	Thrust Washer - 1.18 mm		
21		389 263 8052	Thrust Washer - 1.21 mm		
21		389 263 8152	Thrust Washer - 1.24 mm		
21		389 263 8252	Thrust Washer - 1.27 mm		

DT12® 330-Over Drive Model A Front Housing

Item	Part Number	Industry Number	Description	Qty	Notes
21		389 263 8452	Thrust Washer - 1.33 mm		
21		389 263 8552	Thrust Washer - 1.36 mm		
21		389 263 8652	Thrust Washer - 1.39 mm		
21		389 263 5252	Thrust Washer - 0.37 mm		
21		389 263 6452	Thrust Washer - 0.73 mm		
21		389 263 6752	Thrust Washer - 0.82 mm		
21		389 263 7852	Thrust Washer - 1.15 mm		
21		389 263 8952	Thrust Washer - 2.00 mm		
22	EADT0069944241	006 994 4241	Snap Ring - 2.50 mm		
23	EADT3892621555	389 262 1555	Spacer - 1.49 mm		
23	EADT3892622052	389 262 2052	Spacer - 1.40 mm		
23	EADT3892622854	389 262 2854	Spacer - 0.50 mm		
23	EADT3892623052	389 262 3052	Spacer - 1.90 mm		
23	EADT3892623252	389 262 3252	Spacer - 2.00 mm		
23	EADT3892623254	389 262 3254	Spacer - 1.05 mm		
23	EADT3892623352	389 262 3352	Spacer - 2.50 mm		
23	EADT3892623554	389 262 3554	Spacer - 1.20 mm		
23	EADT3892622355	389 262 2355	Spacer - 1.79 mm		
23		389 262 2555	Spacer - 0.70 mm		
23		389 262 2655	Spacer - 0.90 mm		
23		389 262 3354	Spacer - 1.10 mm		
23		389 262 4856	Spacer - 0.80 mm		
23		389 262 4956	Spacer - 0.55 mm		
24	EADT9452670218	945 267 0218	Piston		
25	EADT0069976447	006 997 6447	Oil Seal - 41x48x11.5 mm		
26	EADT3872670650	387 267 0650	Bushing - 34x22x8 mm		
27	EADT0002670197	000 267 0197	Oil Seal - 22x32x8 mm		
28	EADT9452670819	945 267 0819	Cylinder		
29	EADT0229974248	022 997 4248	O-Ring - 55.6x3 mm		
30	EADT3872632652	387 263 2652	Thrust Washer - 0.20 mm		
30	EADT3872632852	387 263 2852	Thrust Washer - 0.60 mm		
30	EADT3872633052	387 263 3052	Thrust Washer - 1.00 mm		
30	EADT3872632752	387 263 2752	Thrust Washer - 0.40 mm		
31		960 267 1817	Gear Shift Rail		
32	EADT9302600163	930 260 0163	Gear Control Cylinder		

DT12® 330-Over Drive Model A Center/Rear Housing



Item	Part Number	Industry Number	Description	Qty	Notes
1		960 261 3826	Center Housing	1	
1		960 261 5803	Center Housing	1	
1		960 261 8926	Center Housing	1	
1		960 261 1929	Center Housing	1	
1		960 261 2429	Center Housing	1	
1		960 261 3129	Center Housing	1	
1		960 260 9112	Center Housing	1	
1		960 260 9412	Center Housing	1	
1		960 260 3223	Center Housing	1	
1		960 260 3323	Center Housing	1	
1		945 261 4026	Center Housing	1	
1		945 261 3926	Center Housing	1	
1		945 261 5326	Center Housing	1	
1		945 260 7112	Center Housing	1	
1		945 260 7212	Center Housing	1	
1		930 260 4511	Center Housing	1	
1		960 261 9603	Center Housing	1	
1		960 261 3029	Center Housing	1	
1		960 260 9612	Center Housing	1	
2		930 265 0201	Shift Fork	1	
3		930 260 1230	Fork Assembly	1	
3		960 260 3030	Fork Assembly	1	
4	EADT9472650349	947 265 0349	Sliding Pad	2	
5	EADT9472650449	947 265 0449	Sliding Pad	4	
6	EADT9452652974	945 265 2974	Fork Pin	4	
7		960 260 0231	Gear Shift Rail Kit	1	
7		930 260 0231	Gear Shift Rail Kit	1	

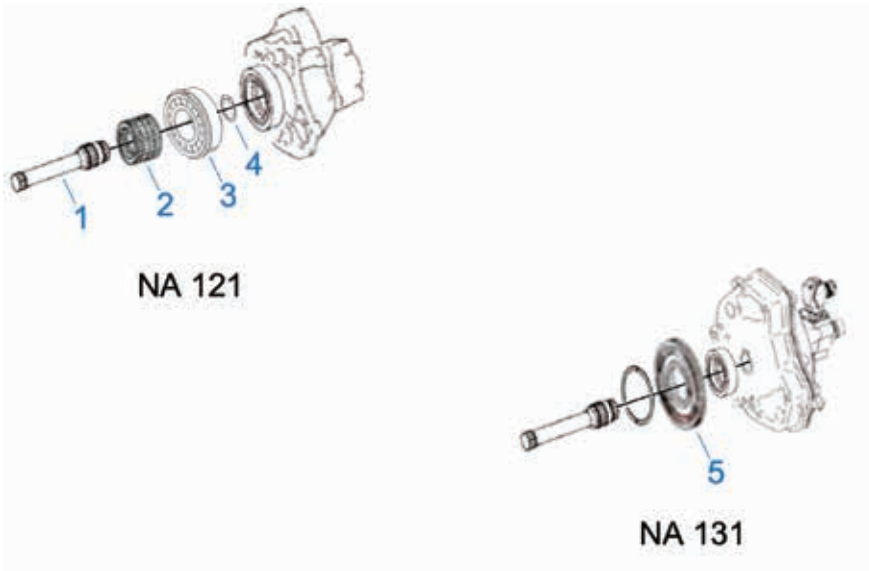
DT12[®] 330-Over Drive Model A Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
8		945 267 0071	Screw	2	
9			Lock Plate	1	
10	EADT9302670217	930 267 0217	Gear Shift Rail	1	
10	EADT9452672217	945 267 2217	Gear Shift Rail	1	
10		960 267 0617	Gear Shift Rail	1	
10		960 267 3117	Gear Shift Rail	1	
10		960 267 3217	Gear Shift Rail	1	
11	EADT9472651901	947 265 1901	Shift Fork	1	
11		960 265 3501	Shift Fork	1	
11		930 265 0201	Shift Fork	1	
12	EADT9472650349	947 265 0349	Sliding Pad	2	
13	EADT9452652974	945 265 2974	Fork Pin	2	
14		945 260 6812	Rear Housing	1	
14		930 260 2311	Rear Housing	1	
14		960 260 0012	Rear Housing	1	
14		960 260 0112	Rear Housing	1	
14		960 260 2112	Rear Housing	1	
14		960 260 5423	Rear Housing	1	
14		960 260 5912	Rear Housing	1	
14		960 260 4311	Rear Housing	1	
14		930 260 2411	Rear Housing	1	
15	EADT0179979145	017 997 9145	O-Ring - 198x3 mm	1	
16		000983 020000	Snap Ring	1	
17		000625 006004	Bearing	1	
18		930 264 0921	PTO Gear	1	
19		000625 506007	Bearing	1	
20		930 264 0111	Housing Cover	1	
21		910105 014009	Screw	4	
22	EADT0159972848	015 997 2848	O-Ring - 149.5x3 mm	1	
23	EADT0159972748	015 997 2748	O-Ring - 12x4.5 mm	1	
24	EADT0239971647	023 997 1647	Oil Seal - 95x115x15.5 mm	1	
25	EADT3892611920	389 261 1920	Front Cover	1	
25	EADT9302610420	930 261 0420	Front Cover	1	
26		000000 000428	Screw	5	
27	EADT0002670197	000 267 0197	Oil Seal - 22x32x8 mm	1	
28	EADT3872670650	387 267 0650	Bushing - 34x22x8 mm	1	
29	EADT9602670118	960 267 0118	Piston	1	
30	EADT0249978347	024 997 8347	Oil Seal - 77x90x17 mm	1	
31	EADT0089930801	008 993 0801	Spring - 9.7x7.7x8.1 mm	1	
32	EADT0005435785	000 543 5785	Piston - Magnetic	1	
33		960 543 0285	Control Repair Kit	1	
34	EADT0139977548	013 997 7548	O-Ring - 89.5x3 mm	1	
35	EADT0159974048	015 997 4048	O-Ring - 5x3 mm	1	
36	EADT0179976545	017 997 6545	O-Ring - 96x1.5 mm	1	
37	EADT0022609563	002 260 9563	Shift Cylinder	1	
37		003 260 6063	Shift Cylinder	1	
38		910105 010003	Screw	2	
38		000000 000428	Screw	2	
38		910143 010014	Screw	2	

DT12® 330-Over Drive Model A Center/Rear Housing

Item	Part Number	Industry Number	Description	Qty	Notes
39		389 262 5154	Thrust Washer - 1.30 mm	0	
39		389 262 5254	Thrust Washer - 1.25 mm	0	
39		389 262 5354	Thrust Washer - 1.20 mm	0	
39		389 262 5454	Thrust Washer - 1.15 mm	0	
39		389 262 5554	Thrust Washer - 1.10 mm	0	
39		389 262 5654	Thrust Washer - 1.05 mm	0	
39		389 262 5854	Thrust Washer - 0.95 mm	0	
39		389 262 6254	Thrust Washer - 0.80 mm	0	
39		389 262 6354	Thrust Washer - 0.85 mm	0	
39		389 262 5954	Thrust Washer - 0.90 mm	0	
39		389 262 5754	Thrust Washer - 1.00 mm	0	
39		389 262 4656	Thrust Washer - 0.55 mm	0	
40	EADT9472691001	947 269 1001	Oil Pump Housing	1	
41		001 991 7860	Dowel Pin	1	
42	EADT3892691206	389 269 1206	Oil Pump Outer Rotor	1	
43	EADT3892691406	389 269 1406	Oil Pump Inner Rotor	1	
44	EADT9452690201	945 269 0201	Oil Pump Cover	1	
45	EADT9472691010	947 269 1010	Oil Pump Shaft - 210 mm	1	
45	EADT9472691110	947 269 1110	Oil Pump Shaft - 235 mm	1	
45		960 269 1010	Oil Pump Shaft	1	
45		960 269 1110	Oil Pump Shaft	1	
46	EADT0089815425	008 981 5425	Bearing - 17x35x10 mm	1	
47		912009 045100	Snap Ring - 1.50 mm	1	
48	EADT9452611033	945 261 1033	Front Cover - Aluminium	1	
49		910105 010011	Screw - M10x1.5x40	4	
49		910105 010002	Screw - M10x1.5x50	8	
50		960 260 1057	Solenoid Valve	1	
50		960 260 2157	Solenoid Valve	1	
51	EADT9602601257	960 260 1257	Solenoid Valve	1	
51		960 260 1157	Solenoid Valve	1	
51		960 260 2257	Solenoid Valve	1	
51		960 260 1357	Solenoid Valve	1	

DT12® PTO



Item	Part Number	Industry Number	Description	Qty	Notes
1	EADT9452640305	945 264 0305	PTO Shaft	1	
2		013 981 0510	Needle Bearing	1	
3	EADT0049819225	004 981 9225	Bearing - 45x75x16 mm	1	
4		000471 045000	Snap Ring	1	
5	EADT9472640287	947 264 0287	Oil Pump Cover	1	

DT12® Kit Bill of Material

Kit Industry Number	Kit Eaton Number	Component Industry Number	Component Eaton Number	Component Description	Component Qty
930 260 1724	EADT9302601724				
		930 263 0402	EADT9302630402	Countershaft	1
		389 994 0041	EADT3899940041	Snap Ring	1
		014 981 1405	EADT0149811405	Bearing -50.8x100x34.93 mm	1
		930 263 1310	EADT9302631310	Double Gear -30/36 T	1
		930 263 0812	EADT9302630812	Gear -23 T	1
930 260 0124	EADT9302600124				
		930 263 0402	EADT9302630402	Countershaft	1
		389 994 0041	EADT3899940041	Snap Ring	1
		016 981 1205	EADT0169811205P	Bearing -60x130x33.80 mm	1
		014 981 1405	EADT0149811405	Bearing -50.8x100x34.93 mm	1
		930 263 1910	EADT9302631910	Double Gear -30/30 T	1
		930 263 0112	EADT9302630112	Gear -23 T	1
947 260 2624	EADT9472602624				
		947 263 2402	EADT9472632402	Countershaft	1
		900055 060300	EADT90005506030	Snap Ring -3 mm	1
		014 981 1405	EADT0149811405	Bearing -50.8x100x34.93 mm	1
		947 263 2910	EADT9472632910	Double Gear -33/36 T	1
		947 263 0512	EADT9472630512	Gear -23 T	1
		019 981 6105	EADT019816105	Bearing -60x110x34 mm	1
930 260 2324	EADT9302602324				
		930 263 0402	EADT9302630402	Countershaft	1
		389 994 0041	EADT3899940041	Snap Ring	1
		016 981 1205	EADT0169811205P	Bearing -60x130x33.80 mm	1
		014 981 1405	EADT0149811405	Bearing -50.8x100x34.93 mm	1
		930 263 1910	EADT9302631910	Double Gear -30/30 T	1
		930 263 0812	EADT9302630812	Gear -23 T	1
945 260 4661	EADT9452604661				
		946 260 3661	EADT9462603661	Planetary Carrier	1
		946 260 0097	EADT9462600097	Side Pinion Kit	1
947 260 0197	EADT9472600197				
		389 262 0162		Washer	10
		389 262 1462	EADT3892621462	Thrust Washer	10
				Needle	125
		000914 006109		Stud	5
947 260 0297	EADT9472600297				
		389 262 0162		Washer	10
		389 262 1462	EADT3892621462	Thrust Washer	10
		000 981 4186		Needle	125
		000914 006109		Stud	5
947 260 0397	EADT9472600397				
		389 262 0162		Washer	10
		389 262 1462	EADT3892621462	Thrust Washer	10
		000 981 4186		Needle	125
		000914 006109		Stud	5

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