

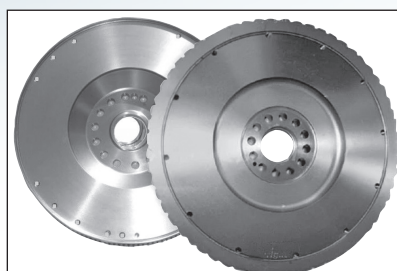
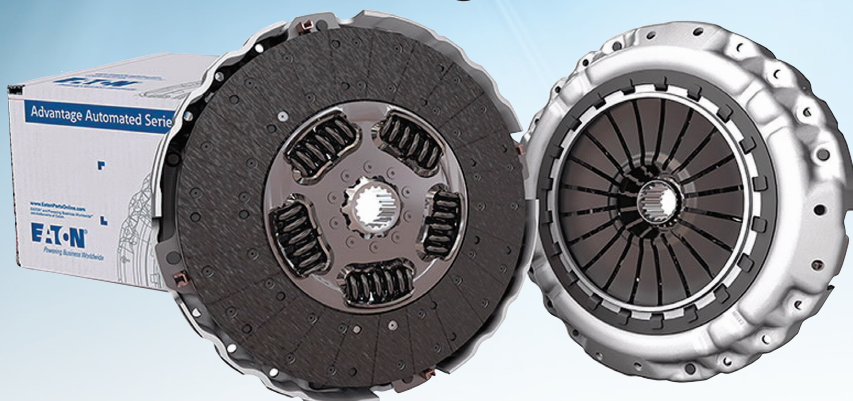


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Industry's Leading Drivetrain Experts



Advantage Automated Series Clutches



Flywheels

Part No.	Description
3693466	Endurant for Cummins X15
4720300705	DT-12 for Detroit Diesel DD13
4720300005	DT-12 for Detroit Diesel DD15
21184666	Volvo I-Shift D13
1733593	Endurant for Paccar MX-13

Transmission	OEM	Engine	OEM Kit No.	Eaton Kit Part No.
Endurant HD	PACCAR	PACCAR MX (thru 2020)		K-4488CL*
		Cummins X15		
		Cummins ISX12N (CNG)		K-4512CL*
		PACCAR MX (2021 +)		K-4514CL*
	Navistar	Cummins X15		K-4488CL*
		International A26		
	DTNA	Detroit DD13 (thru 2020)		K-4513CL*
		Detroit DD13 (2021 +)		
		Detroit DD15		
		Cummins X15		K-4494CL*
		Cummins X12		
		Cummins ISX12N (CNG)		K-4512CL*
	Volvo	Cummins X15		K-4494CL*
		Cummins ISX12N (CNG)		K-4512CL*
DT12	DTNA	All	A02-82500-001 A02-14027-008 A02-14135-000	K-4489CL
I-Shift / mDRIVE	Volvo / Mack	11L and 13L Engine	85003114 85000907 85003972 85003973 85002560	K4678CL (superseded 104461-1)

* Includes release bearing and input shaft kit.

Automated Clutch Systems

ECA Clutches:

- Ensure performance and efficiency with new Electric Clutch Actuation and intelligent shift selection software.
- Enables better launch and shift decisions through grade sensing, weight computation and driver throttle commands.
- Provides smooth engagement and high fidelity of vehicle control, even in the most challenging applications.



DM Clutches:

- Centrifugal design relies on engine RPM for engagement.
- Provides smooth engagement.

Eaton Clutch for Automated Transmission	Clutch Torque lb-ft (must equal or exceed engine torque)
Heavy-Duty ECA Clutch	
122002-35A (w/ Low Capacity Inertia Brake)	1850
122002-35EX (w/o Low Capacity Inertia Brake)	
122003-42A (w/ Low Capacity Inertia Brake)	2250
Heavy-Duty DM Clutch	
121000-1	1750

Concentric Pneumatic Clutch Actuators



- Direct replacement for Detroit™ DT-12® and Volvo® I-Shift / Mack® mDRIVE™ automated manual transmissions.
- Pneumatic system – no need to drain fluids or deal with hazardous waste.
- Provides quick, smooth shifting.

Part No.	Description	O. E. Reference
K-4515CLB	Eaton clutch actuator for Detroit DT-12	A 003 250 21 15, 6482 000 218
6482.000.218	ZF clutch actuator for Detroit DT-12	A 003 250 21 15
K-4516CLB	Eaton Clutch actuator for Volvo I-Shift/Mack mDRIVE	23417523, 20806451, 21320923, 21465235, 21580956, 22429963, 22809232, 6482 000 155
6482.000.155	ZF Clutch actuator for Volvo I-Shift/Mack mDRIVE	23417523, 20806451, 21320923, 21465235, 21580956, 22429963, 22809232
23417523	Euroricambi Clutch actuator for Volvo I-Shift/Mack mDrive	23417523, 20806451, 21320923, 21465235, 21580956, 22429963, 22809232, 6482 000 155

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Automated Transmission Parts

- Comprehensive line of service parts includes gears, bearings, gaskets, shafts, synchronizers and fasteners.
- Detroit™ DT12™
- Volvo I-Shift®
- Mack mDRIVE®
- Eaton Cummins Endurant
- Eaton UltraShift®
Electronic Control Units (ECUs)
Generator Control Units (GCUs)

Part #	Description
85020894	I-Shift® GCU Control Unit
948 260 0563	DT12™GCU Control Unit
EAIS22327069	I-Shift® Solenoid
K-4322	Eaton ECU

Full selection of gears, shafts, bearings, seals, etc. available



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Detroit™ DT-12™ Transmission

Eaton Cummins Endurant Transmission

Eaton UltraShift® Transmission

