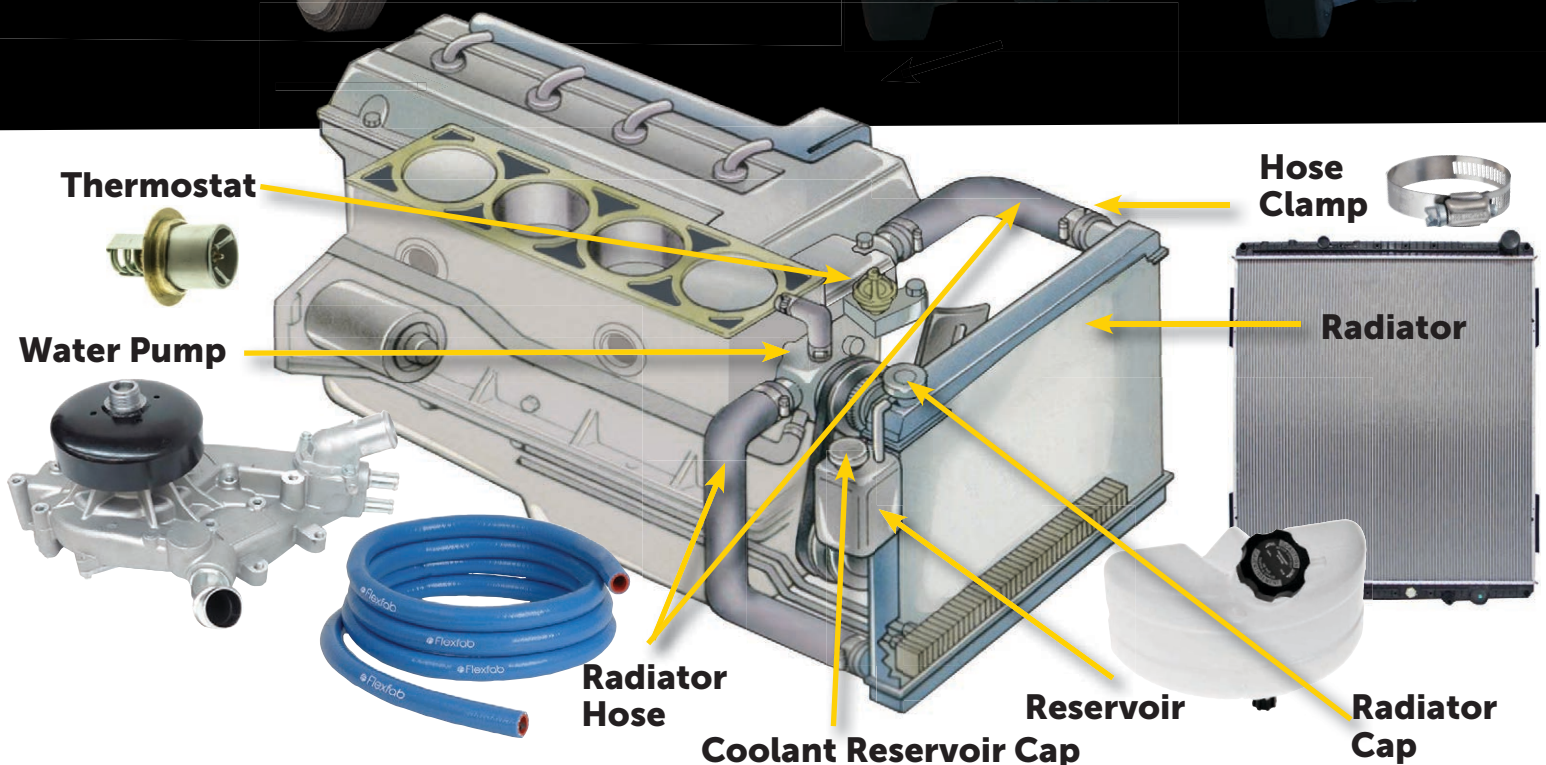




# TruckPro®

America's Heavy Duty Parts & Service Professionals

## Heavy Duty Cooling Systems







From town to town and coast to coast, what you'll find at TruckPro are passionate, dedicated, highly trained parts pros .



- National Distribution
- Leading Brands
- Access to Over 500,000 Parts
- Local Delivery



- Over 1,800 heavy-duty experts
- Over 150 locations in 35 states
- Over 75 Service Centers

One Name You Need To Know



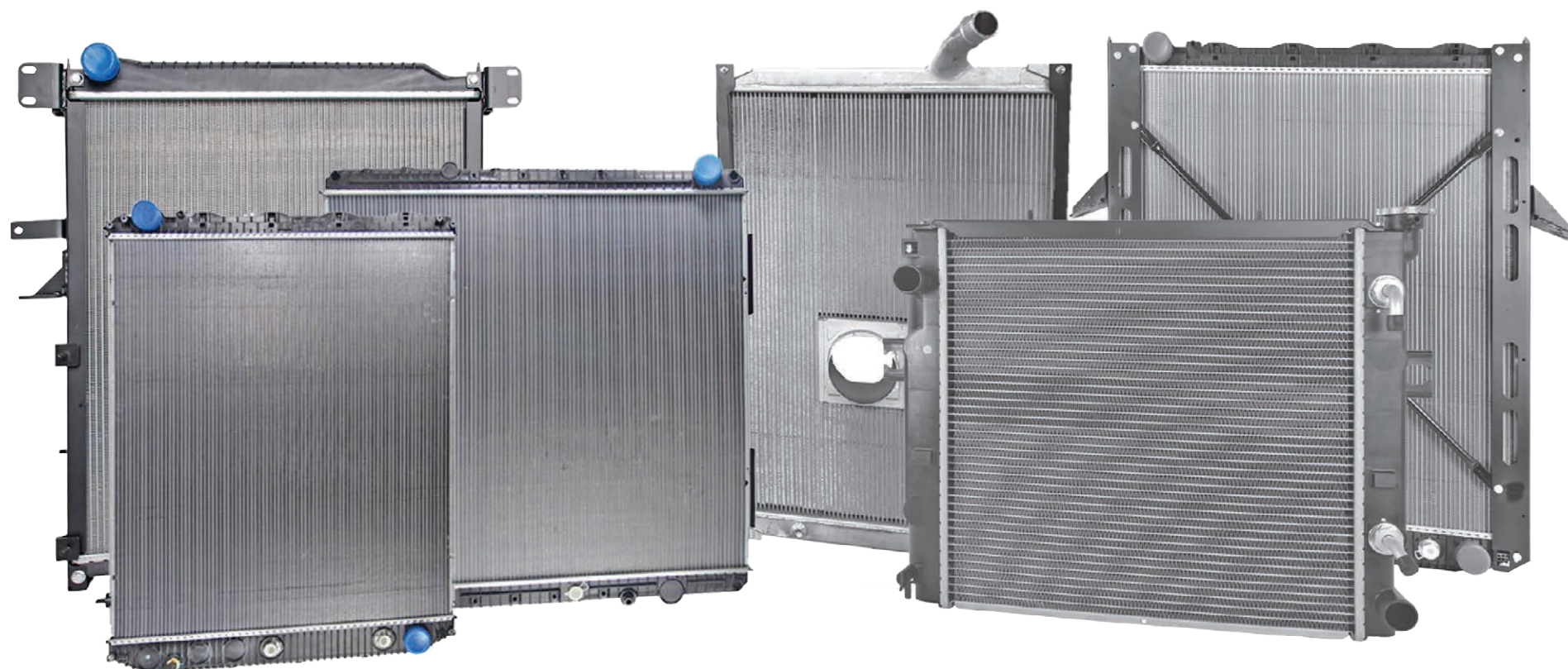
We have everything you need for your Cooling System

Radiators .....	4-7
Water Pumps .....	8-9
Coolant Caps .....	10
Thermostats .....	11
Coolant & Heater Hoses .....	12
Clamps .....	13
Reservoirs .....	14





# Keeping You Cool for the Long Haul!



## PLASTIC & ALUMINUM RADIATORS

Full Line Coverage  
All Makes & Models

- Heavy Duty Trucks Class 6,7,8
- Sanitation Trucks
- Transit / School Buses
- Forklifts
- Light & Medium Duty Trucks

### Quality By Design



**HEADER PLATE** Double reinforced plate added to the air side of header increases durability and strength to the radiator core.



**CRIMP STRIPS** Over the header tabs increase "Burst Pressure" up to 40% **-an industry first!**



**TANKS** Industrial strength glass fiber polyimide resin composite material provides unsurpassed durability - **the best in the industry!**



**OIL COOLERS** Transmission oil coolers constructed from stronger stainless steel - provide stronger "threads" that don't strip!



#### TUBES

- Heavy gauge tubes designed to eliminate stress cracks and thermal expansion at the tube-to-header joints.
- Reinforced corner tubes strengthen the radiator and provide a unibody to resist vibration and twisting of the core.



#### CONNECTIONS

- Stainless steel inserts added into the inlet/outlet hose connections
- Plastic tank mounting holes to add strength and prevent failures

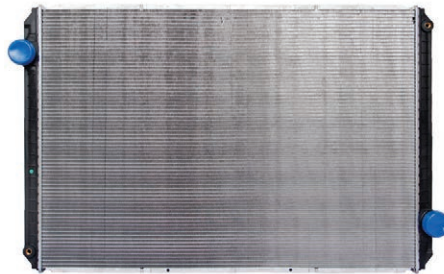




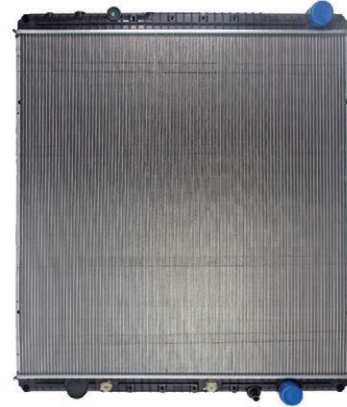


# Plastic & Aluminum Radiators

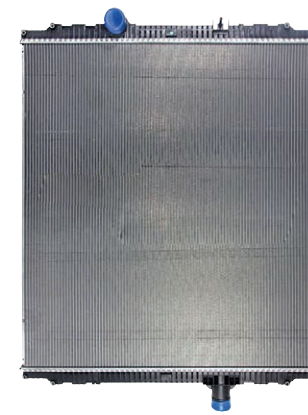
Units Available with or without Frame Plastic/Aluminum or Copper/Brass Construction



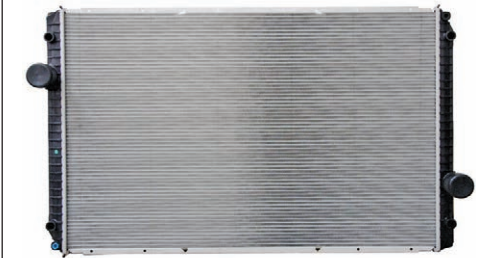
**Part#**  
LRHDC010001PA\*  
**Make**  
International  
**Model**  
1994-2004  
9200-9900 Series  
9400I  
9900IX



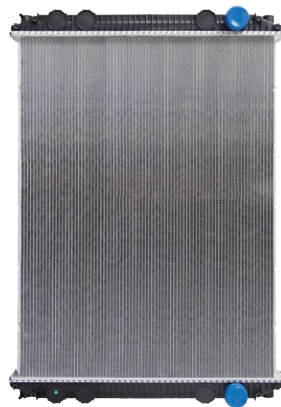
**Part#**  
LRHDC010117PA\*  
**Make**  
Freightliner  
**Model**  
2008-2014  
Cascadia  
(with Oil Cooler)



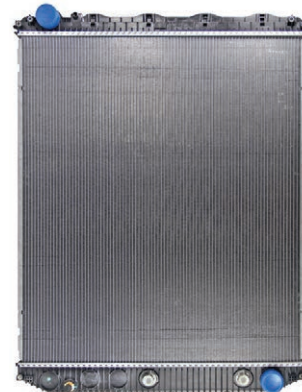
**Part#**  
LRHDC010175PA\*  
**Make**  
Kenworth/Peterbilt  
**Model**  
2008-2015  
388/389;  
W900 Series



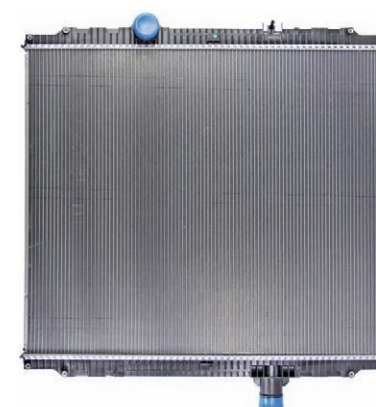
**Part#**  
LRHDC010237PA\*  
**Make**  
International  
**Model**  
2007-2010  
9900 Prostar  
Series



**Part#**  
LRHDC010023PA  
**Make**  
Freightliner  
**Model**  
2004-2008  
Columbia 120



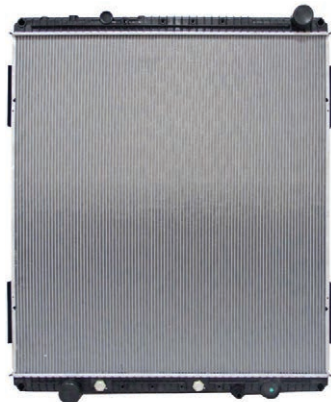
**Part#**  
LRHDC010133PA  
**Make**  
Mack/Volvo  
**Model**  
2008-2014  
Mack Vision,  
Volvo VNL-VNM



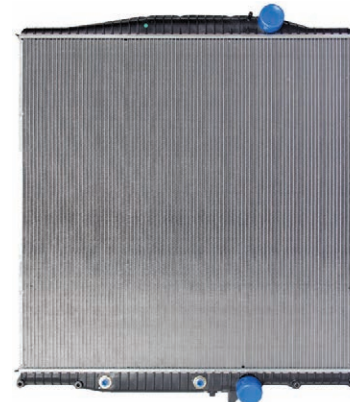
**Part#**  
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**Make**  
Peterbilt  
**Model**  
2008-2011  
587



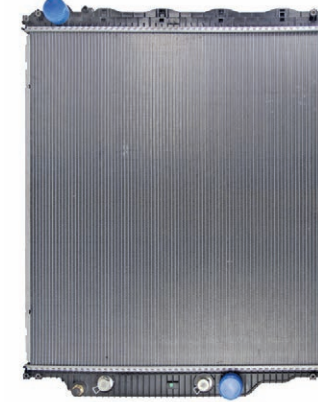
**Part#**  
LRHDC010664PA  
**Make**  
Freightliner  
**Model**  
2008-2012  
M2 Series  
(with Oil Cooler)



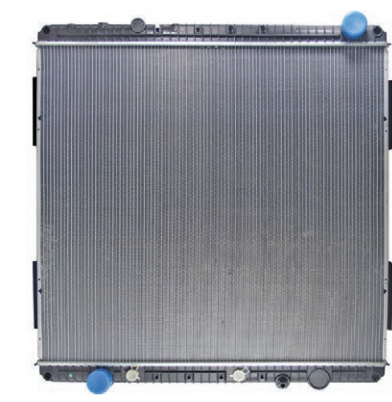
**Part#**  
LRHDC010113PA  
**Make**  
Freightliner  
**Model**  
2008-2014  
Cascadia  
(with Oil Cooler)



**Part#**  
LRHDC010142PA\*  
**Make**  
Mack/Volvo  
**Model**  
1996-2007 Mack  
CX-Volvo VN-VNL  
(with Oil Cooler)



**Part#**  
LRHDC010199PA\*  
**Make**  
Mack/Volvo  
**Model**  
2006-2010 Mack  
CH613, CHN613,  
GU Granite; Volvo  
VHD84C



**Part#**  
LRHDC010831PA  
**Make**  
Freightliner  
**Model**  
2012-2019  
Cascadia  
(with Oil Cooler)

\* Check local locations for product availability

► INDUSTRY BEST 3 YEAR WARRANTY | Exclusive to TruckPro | ◀

See more Radiator types and sizes offered online at [TruckPro.com](http://TruckPro.com)

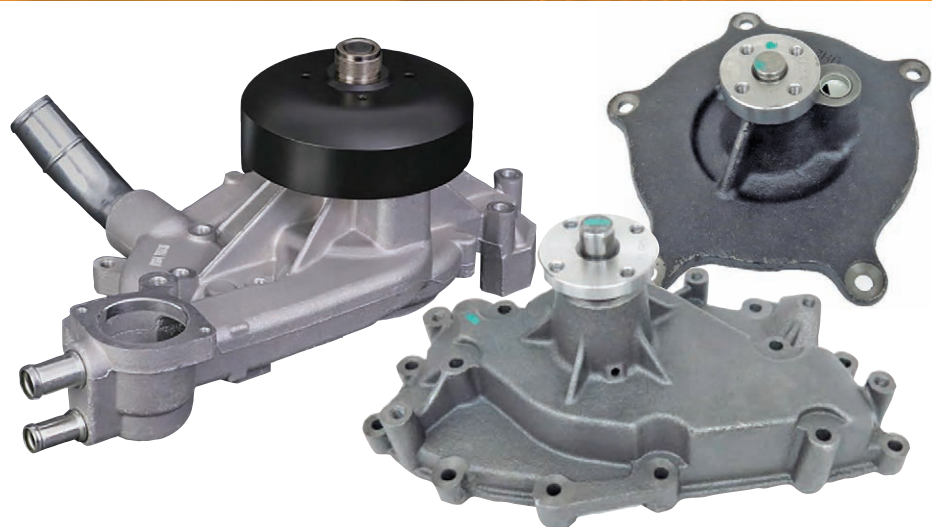


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# Water Pumps Trusted by Professionals Around the World



- Leak and Hub-Pull tested
- Unitized seal
- OE designed bearings
- High quality mounting gasket and accessories  
OE aspects for proper fit, form and function

## Case Hardened Bearings

- High load capacity & long life
- Tough on the outside and flexible on the inside
- Can better withstand an imbalance or vibration in the cooling system



## Precision CNC Machined Surfaces

- Guaranteed fitment with mating components
- Inspected and tested to ISO9001:2015 standards
- Prevents leaks in the cooling system



## Metal Impellers

- Withstands high temperatures
- Withstands high torque forces
- Withstands chemicals
- Will not shatter
- Performs at high RPMs
- Will not crack during press fit
- Will not deform
- Highly durable



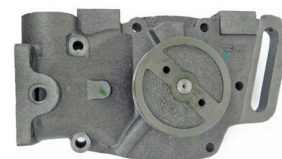
## USMW Water Pumps are backed by a One Year Warranty\*

\*Warranted to the original purchaser against defects in materials and workmanship when used under normal operating conditions for 12 months from the date of installation.

- Case hardened bearings
- All gaskets included
- All plastic impellers upgraded to steel
- Precision CNC machined surfaces



**Part#**  
WPUS0401  
**Description**  
Detroit Diesel  
**Application**  
DD13/DD15



**Part#**  
WPUS2032  
**Description**  
Cummins  
**Application**  
Big Cam IV 855



**Part#**  
WPUS2090  
**Description**  
Cummins  
**Application**  
N14



**Part#**  
WPUS2093  
**Description**  
Caterpillar  
**Application**  
3406E



**Part#**  
WPUS2128  
**Description**  
Navistar  
**Application**  
DT 444E/T444E  
7.3L



**Part#**  
WPUS2129  
**Description**  
Detroit Diesel  
**Application**  
Series 60 12.7L 61  
Tooth Gear



**Part#**  
WPUS2304  
**Description**  
Volvo/Mack  
**Application**  
Volvo/Mack  
D11/D13/D15



**Part#**  
WPUS3713  
**Description**  
Navistar  
**Application**  
DT360/DT466/  
DT408/DT530



**Part#**  
WPUS60P  
**Description**  
Detroit Diesel  
**Application**  
Series 60/Series  
50 Kangaroo  
Pouch



**Part#**  
WPUS6222  
**Description**  
Cummins  
**Application**  
ISB 5.9L 6.7L



**Part#**  
WPUS6344  
**Description**  
Cummins  
**Application**  
ISX



**Part#**  
WPUS7123H  
**Description**  
Cummins  
**Application**  
B Series New  
style ISB Engine

See more Water Pump types and sizes offered online at [TruckPro.com](http://TruckPro.com)



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# Caps & Thermostats

## Coolant Caps

- Designed and manufactured to offer precise pressure control
- Manufactured to meet all OEM specifications.
- Designed for easy installation and removal
- Manufactured from high quality springs to maintain cooling system pressure
- Quality tested to ensure proper operating pressure and longevity



### Standard Coolant Caps

Easy to install and remove because the cap's shell turns interdependent of the sealing gasket, stem, and bottom plate.

### Safety Lever Radiator Caps

Safety lever radiator caps utilize a lever that locks the cap to the filler neck requiring the lever be lifted before removal. When the lever is lifted, the valve pressurizing in the cooling system is opened and pressure is vented through the overflow tube making it safe to remove the radiator cap.

### Engine Coolant Reservoir Caps

Manufactured to meet all OEM specifications.

	Part #	Description	Application
	YST9	Radiator cap	10 PSI - Filler Neck .75"
	YST13	Radiator cap	13 PSI - Filler Neck .75"
	YST13R	Radiator cap	13 PSI
	YST16	Radiator cap	16 PSI - Filler Neck .75"
	YST16R	Radiator cap	16 PSI w/ safety release
	YST16V	Radiator cap	16 PSI - Filler Neck .75"
	YST20	Radiator cap	20 PSI - Filler Neck .75"
	YST37	Radiator cap	16 PSI w/ safety release
	YS1006-07	HD Radiator Cap	7 PSI
	YS1006-10	HD Radiator Cap	10 PSI
	YS1006-15	HD Radiator Cap	15 PSI
	Part #	Description	Application
	YSST13	Safety Lever Radiator Cap	13 PSI w/ safety release
	YSST16	Safety Lever Radiator Cap	16 PSI w/ safety release
	YSST37	Safety Lever Radiator Cap	16 PSI w/ safety release
	YSST7	Safety Lever Radiator Cap	10 PSI w/ safety release - Filler Neck .75"
	Part #	Description	Application
	YST38	Engine Coolant Reservoir Cap	16 PSI; plastic, rubber
	YST39	Engine Coolant Reservoir Cap	15 PSI; plastic, rubber
	YST46	Engine Coolant Reservoir Cap	18 PSI; plastic, rubber

## Engine Coolant Thermostats











Thermostats undergo strict quality control processes, calibration and functional testing:

- Manufactured with high quality materials and safety standards by an OE Supplier
- Copper case and wax compound assures rapid response to temperature changes in the coolant.

MotoRad thermostats play a critical role in maintaining the working temperature of the engine.

- This positively affects the efficiency of the combustion and the transfer of power, the consumption of fuel, the emission of pollutants and the life of the engine.

	Part #	Description	Application
	YS4046-80	Heavy Duty Thermostat-180 Degrees	International, Mack
	YS4048-80	Heavy Duty Thermostat-180 Degrees	Caterpillar
	YS4051-90	Heavy Duty Thermostat-190 Degrees w/ Seal	International
	YS4087-90	Heavy Duty Thermostat-190 Degrees w/ Seal	Caterpillar, Detroit Diesel
	YS880060	Thermostat-160 Degrees w/ Seal	Caterpillar, Cummins, Detroit Diesel, Mack
	YS880070	Thermostat-170 Degrees w/ Seal	Detroit Diesel, International, Mack
	YS880080	Thermostat-180 Degrees w/ Seal	Caterpillar, Cummins, Detroit Diesel, Mack
	YS880090	Thermostat-190 Degrees w/ Seal	Caterpillar, Detroit Diesel

MotoRad Caps & Thermostats are backed by a **1 YEAR WARRANTY**

See more Cap & Thermostat types and sizes offered online at [TruckPro.com](https://TruckPro.com)



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## Coolant & Heater Hoses

Custom Engineered to Withstand:



Cool  
Temps  
to -65°F



Hot  
Temps  
to -350°F



Oil  
Splash  
Resistance



Ozone  
Resistant



Direct  
Sunlight



## 5515 Series 3-Ply Coolant Hose

- Extreme Temperature Resistance
- Extreme Duty Cycle Tested for Hostile Engine Environments
- Durable Construction for Various Pressure Ranges
- Long Life Design
- Silicone hose with 3-ply of polyester reinforcement
- Stocked in 3' lengths

### Specifications:

- Resists hardening, cracking, cold leaks, aging, and many chemicals
- Custom wall thickness is .140"/.190"
- Working pressure is 1/3 of the burst pressure
- Ideal for extreme temperature and various pressure ranges where high performance levels are required
- Meets or exceeds the operating requirements of SAE J20 R1 Class A
- Meets or exceeds the operating requirements of TMC RP303B Class I Grade II

Part #	Inside Diameter		Outside Diameter		Actual Burst Pressure - PSI	Burst Pressure - PSI		Weight (LB/FT)
	Inch	MM	Inch	MM		SAE J20 R1	TMC	
FF5515-100	1.00	25	1.32	34	450	300	125	0.32
FF5515-125	1.25	32	1.57	40	425	275	125	0.40
FF5515-150	1.50	38	1.82	46	375	250	125	0.48
FF5515-175	1.75	44	2.07	53	300	225	125	0.56
FF5515-200	2.00	51	2.32	59	250	200	100	0.64
FF5515-225	2.25	57	2.57	65	225	175	100	0.72
FF5515-250	2.50	64	2.82	72	200	150	100	0.80
FF5515-275	2.75	70	3.07	78	200	125	100	0.88
FF5515-300	3.00	76	3.32	84	200	100	100	0.96

## 5526 Series Standard Heater Hose



- Box and Spool Lengths Available
- Extreme Temperature Resistance
- Superior Flexibility
- Extreme Duty Cycle Tested for Hostile Engine Environments
- Durable Construction
- Resistant to Coolant Additives
- Silicone hose with 1-ply of nylon fiber reinforcement

### Specifications:

- Resists hardening, cracking, cold leaks, aging, and many chemicals
- Standard wall thickness is .140"/.170"
- Working pressure is 1/3 of the burst pressure
- Bend radius is 5 times the ID of the hose
- Meets or exceeds the operating requirements of SAE J20 R3 Class A
- Meets or exceeds the operating requirements of TMC RP303B Class I Grade II

Part #	Inside Diameter		Outside Diameter		Actual Burst Pressure - PSI	Burst Pressure - PSI		Weight (LB/FT)	Length (FT)
	Inch	MM	Inch	MM		SAE J20 R1	TMC		
FF5526-038X25	0.38	10	0.71	18	310	250	125	0.145	250' Spool
FF5526-050X25	0.50	13	0.83	21	310	250	125	0.181	25' Box
FF5526-062X25	0.63	16	0.96	24	300	250	125	0.216	25' Box
FF5526-075X25	0.75	19	1.08	27	300	200	125	0.25	25' Box
FF5526-100X25	1.00	25	1.33	34	250	175	125	0.324	25' Box



## Clamps

PROVEN DESIGNS, BILLIONS OF TIMES



### Flex-Gear® Constant Tension Clamps

300SS Belleville spring design which maintains constant tension on the connection, eliminating leak paths, making them an excellent choice for fluctuating temperature applications and thermal compensation. The Flex-Gear® clamp is designed with a lined band, protecting the hose from shearing, extruding, or imprinting when the clamp is tightened.

### Flex-Gear® HD Ideal 45 Series

- 5/8" lined band designed to protect a hose's outer cover
- 3/8" hex head in 410 stainless steel
- 75 lbf-in for most applications / minimum destructive torque is 140 lbf-in



#### Flex-Gear Ideal 45

3/8" Hex Head	Housing	Spring	5/8" Lined Band
410 Stainless	304 Stainless	301 Stainless	304 Stainless

Part #	Size	Min. (In.)	Max. (In.)
ID4517551	175	1"	1-3/4"
ID4520052	212	1-1/4"	2-1/8"
ID4525052	262	1-3/4"	2-5/8"
ID4530052	312	2-1/4"	3-1/8"
ID4535052	362	2-3/4"	3-5/8"
ID4540052	412	3-1/4"	4-1/8"
ID4545052	462	3-3/4"	4-5/8"
ID4550052	512	3-1/4"	5-1/8"
ID4555051	562	4-3/4"	5-5/8"
ID4565051	662	5-3/4"	6-5/8"

### Flex-Gear® Ideal 47 Series

- 9/16" lined band designed to protect a hose's outer cover
- 5/16" hex head in 410 stainless steel
- 50 lbf-in for most applications / minimum destructive torque is 85 lbf-in



#### Flex-Gear Ideal 47

5/16" Hex Head	Housing	Spring	9/16" Lined Band
410 Stainless	301 Stainless	301 Stainless	301 Stainless

Part #	Size	Min. (In.)	Max. (In.)
ID4701052	10	9/16"	1-1/16"
ID4701251	12	5/8"	1-1/4"
ID4701652	16	13/16"	1-1/2"
ID4702051	20	13/16"	1-3/4"
ID4702451	24	1-1/16"	2"
ID4703251	32	1-9/16"	2-1/2"
ID4703651	36	1-13/16"	2-3/4"
ID4704451	44	2-5/16"	3-1/4"



### 1/2" Hy-Gear® Clamps

**ONE-PIECE HOUSING** One piece mechanically interlocked housings are made from a single stamping with no tabs or stakes that can fail under higher tightening torques.

#### RECTANGULAR SHAPED NOTCHES

The rectangular notch design utilizes a radius at each corner which minimizes stress cracking under higher band loads and enhances the overall strength of the band.

**MULTIPLE BAND WIDTHS** Our three piece clamps are produced in a multitude of band widths in a large variety of sizes, traditionally sized in increments of 1/16".

### 1/2" HY-GEAR®

1/2" Hy-Gear clamps are suitable for most common household, industrial, and automotive applications. The bands have clean punched rectangular perforations that hold strong and connect easily.



#### 1/2" Hy-Gear Ideal Tridon 57-0

5/16" Hex Head	Housing	Spring
Plated Carbon Steel	201 Stainless	201 Stainless

Part #	Size	Min. (In.)	Max. (In.)
ID5710052	10	1/2"	1-1/16"
ID5712052	12	1/2"	1-1/4"
ID5716051	16	11/16"	1-1/2"
ID5720051	20	3/4"	1-3/4"
ID5724051	24	1"	2"
ID5728051	28	1-1/4"	2-1/4"
ID5752051	52	1-3/4"	3-3/4"
ID5760051	60	2-1/4"	4-1/4"
ID5780051	80	3-1/2"	5-1/2"
ID5788051	88	4"	6"
ID5796051	96	4-1/2"	6-1/2"

See more Hose & Clamp types and sizes offered online at [TruckPro.com](http://TruckPro.com)



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Everything You Need To Reliably Replace a

# Reservoirs

Need an exact-fit replacement fluid reservoir with reliable quality, and all the components required for installation?

We have everything you need to reliably replace a reservoir.

	Part #	Application
	RQ603-5103	Kenworth 2008-2017, 2019-2022 Peterbilt 2008-2022
	RQ603-5201	Freightliner 2001-2007 Freightliner 2010-2015
	RQ603-5203	Freightliner 2008-2019
	RQ603-5207	Freightliner 2010-2019
	RQ603-5403	Kenworth 2008-2017, 2019-2022 Peterbilt 2008-2022
	RQ603-5502	Mack CV 2002-2007 Mack GU7 2008, Mack GU8 2008
	RQ603-5505	Mach 2008-2021, Volvo 2008-2018

Tested TO  
**3X** OPERATING  
PRESSURE

**Thoroughly Tested**  
300-hour heat age testing simulates  
200,000 road miles to help ensure reliability

**Premium Materials**  
Upgraded polymers with proprietary  
compounds allow reservoir to expand and  
contract with temperature swings while  
maintaining high tensile strength

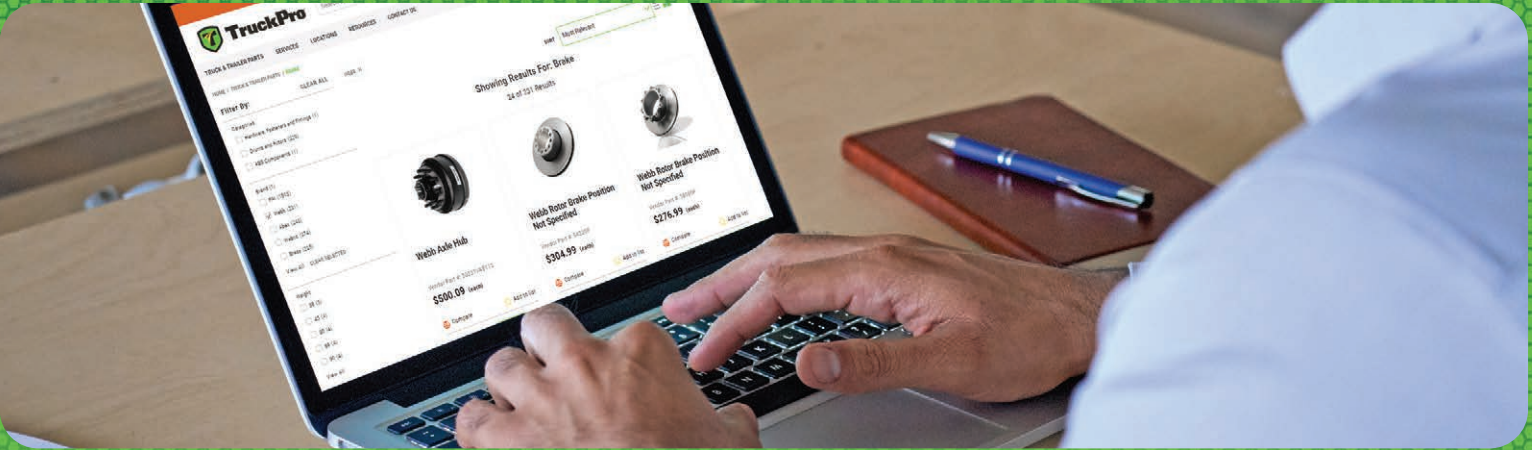
**Exact Fit**  
Reservoirs 3D-scanned to provide precise  
match to OEM shape and dimensions

**Diverse Solutions**  
Continued innovation includes  
replacements for light, medium and  
heavy duty vehicles

**Added Tests**

- SAE J151 - Pressure relief for cooling system
- SAE J164 - Radiator caps & filler necks interchangeability of FAI to OE cap

**Limited Lifetime Warranty**



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### SHOP WITH THE EXPERTS

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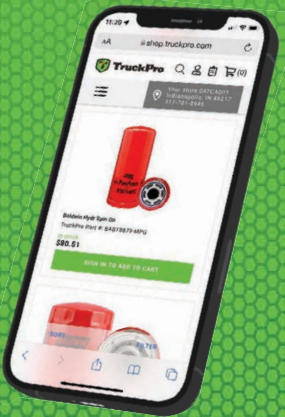
### CHOOSE YOUR DELIVERY METHOD

Select from our flexible shipping or pickup options when you order online.



### SHOPPING IS EASY

- Log in to your account and we link to your assigned TruckPro retail store, allowing you to search local inventory. If not available locally, you can buy and ship via the method of your choice from our nationwide inventory
- Create customizable parts lists for future reference and easy reordering.
- Your pricing is what you'll see when you shop after signing in.
- Access and download your account order history.



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Credit Card  
Payments Online



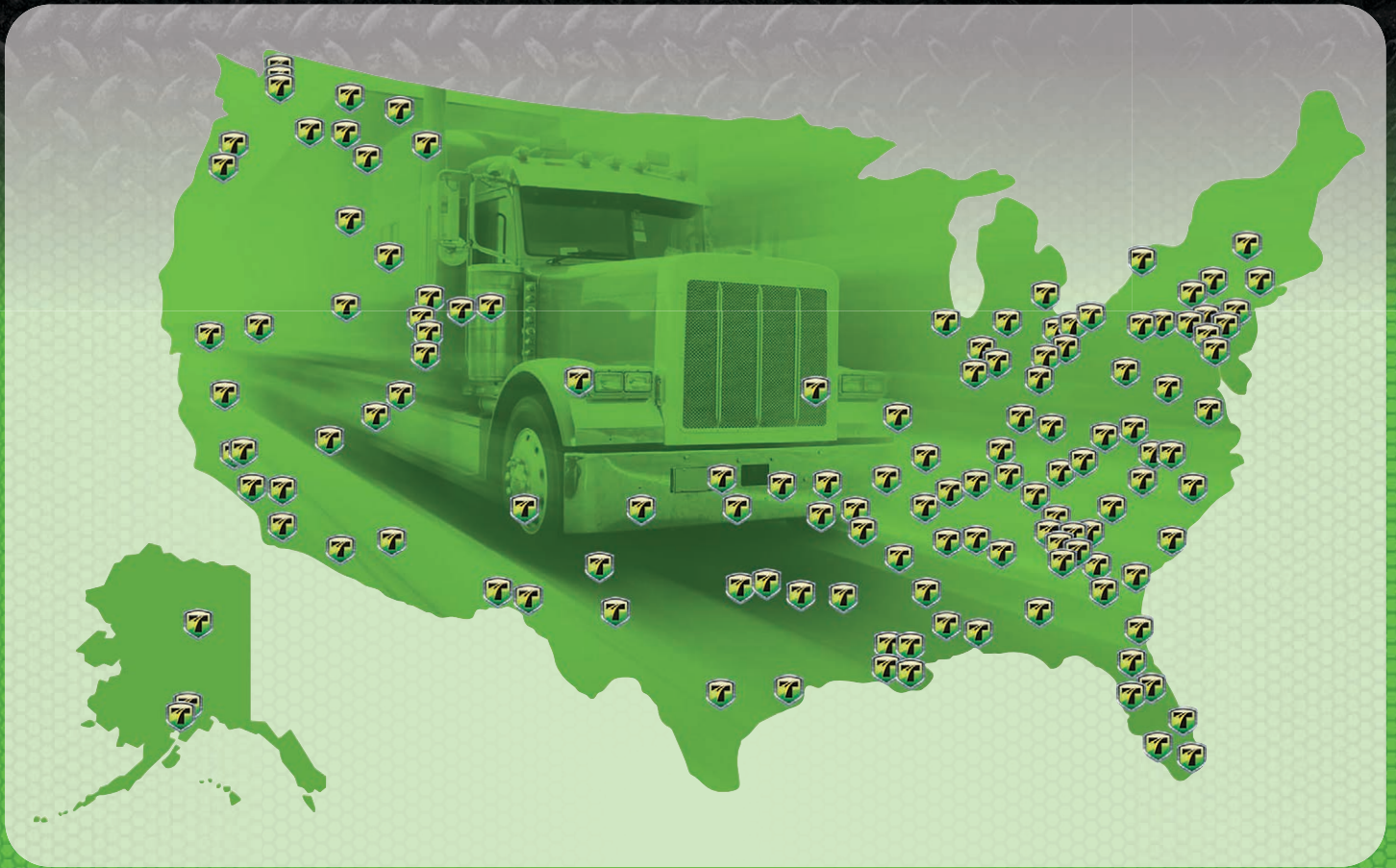
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See more Reservoir types and sizes offered online at [TruckPro.com](https://TruckPro.com)

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- Clutch Remove & Replace
- Transmission Remove & Replace
- And More

### Specialty Services

- Driveline Rebuild
- Flywheel Grinding
- Push/Pull Cable Assembly
- And More

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- Engine Cod Diagnostics
- Tanker Inspections

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