



*Genuine*  
**NEWSTAR™**

**INTERNATIONAL**



**REPLACEMENT PARTS**



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## GOVERNORS

### ALL REPLACEMENT GOVERNORS HAVE THE FOLLOWING FEATURES:

- Passed The SAE Standards Endurance Test
- 130 PSI Input Pressure & Delivery, Exhausted in a 4 Second Cycle +200,000 Times



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-9977</b>	BX267051 BX267098 BX267100	Replacement for Bendix D-2™ All Ports 1/8" NPT Includes 4 Plugs & MTG. Gasket Pre-set at 125 PSI

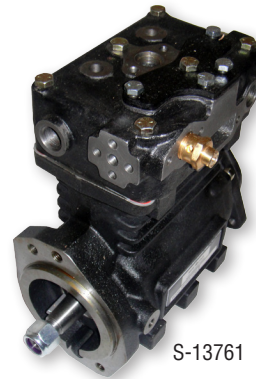
NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-6106</b>	BX275491 ZZKN18530	Replacement for Bendix D-2® All Ports 1/8" NPT Includes 4 Plugs & Mounting Gasket Pre-set at 125 PSI

**S-6106 AVAILABLE IN 12 PACK W/ COUNTER DISPLAY (S-F496)**

## AIR COMPRESSORS-REPLACEMENT FOR BENDIX®

### FEATURES OF ALL REPLACEMENT BENDIX® COMPRESSORS:

- Components are 100% Interchangeable w/ OEM
- New Outright
- No Core Charges
- Newstar Replacement for Bendix® TF750, Upgraded Version of TF550



NEWSTAR #:	REPLACES CAT #:	REPLACES BENDIX® #:	REPLACES DDA & VOLVO #:	REPLACES NAVISTAR #:	PRODUCT INFORMATION:
<b>S-13761</b>	104-3823	065273	109552		CAT 3116, 3126, C7 Acert & C9 Acert Applications HT530 Mountings (2004 & Before) Configured to Both CAT & International ITE I-6, NGD & DT466 All w/ Electronic & Mechanical Engines (1995-2007) Over-the-Road Applications Only (Not for Severe Duty)
	106-7851	107980	109626		
	106-7852	107981	109522		
	106-9089	108193	800468		
	109-2996	107979	800469		
	122-1713	108236	5000559	12546827	
	125-9562	108237	109882	15977688	
	164-7557	108730	5003762	3093850	
	164-7558	108194	5004612	8166665	
	4P-0596	109087	5004613	15978946	
	4P-2419	109088	5010279	85102174	
	4P-3596	109110	5005412		
	4P-5435	108987	5005413		
	61-1670	109136	5006716		
	OR-3391	109253	065457		
		109367	065461		
		109111	065601		
		109551			

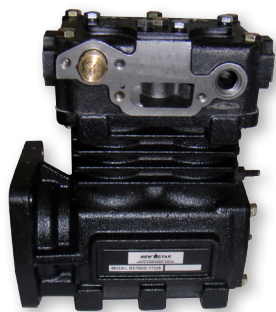
D-2 is a trademark of Bendix Commercial Vehicle Systems, LLC.

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## AIR COMPRESSORS-REPLACEMENT FOR BENDIX<sup>®</sup>

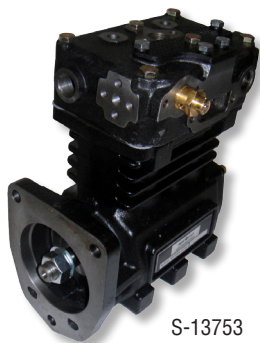
### FEATURES OF ALL REPLACEMENT BENDIX<sup>®</sup> COMPRESSORS:

- Components are 100% Interchangeable w/ OEM
- New Outright
- No Core Charges
- Newstar Replacement for Bendix<sup>®</sup> TF750, Upgraded Version of TF550



S-17326

NEWSTAR #:	REPLACES CAT #:	REPLACES BENDIX <sup>®</sup> #:		PRODUCT INFORMATION:
S-17326	118-2798	065683	5001788	CAT 3176J, 3406, C10, C12, C15 & C16 Engine Models Includes Safety Valve & Rear Cover Studs
	118-2806	065684	5001789	
	131-6679	109816	5002032	
	131-6680	109824	5002033	
	132-9813	109860	5002652	
	132-9814	109863	5002713	
	133-7032	109864	5002984	
	143-9185	800256	5003228	
	164-7564	800292	5003229	
	215-8055	5001522	5003230	
	OR-3845	5001523	5003234	
	OR-4740	5001533	5003235	
	OR-8253	5001534	5003236	
	OR-8340	5001773	5005419	
OR-8341	5001774	5005478		
S-13753	102-9551	065465	5003231	CAT 3406E, 3176J, C15 & C16 Applications No Rear Cover Studs, Includes Safety Valve
	102-9553	5008609	5003232	
	139-9009	109138	5002983	
	143-9186	109139	5005422	
	164-7566	065466	5005491	
	164-7567	109142	5005421	
	167-1288	109319	5005496	
	61-3909	109141	5005790	
	9Y-6320	109322	5005492	
	OR-8442	800291	5007469	
		109321	5007471	
		5002082	5007468	
		5002826	5007471	
		800725		



S-13753

### MATING COMPONENTS



GOVERNOR  
(S-6106)



## AIR COMPRESSORS-REPLACEMENT FOR WABCO

### FEATURES OF ALL REPLACEMENT COMPRESSORS:

- Components are 100% interchangeable w/ OEM
- New Outright
- No Core Charges

NEWSTAR #:	REPLACES CUMMINS #:	REPLACES MERITOR #:	REPLACES WABCO #:	PRODUCT INFORMATION:
<b>S-21431</b>	3103413 3681904 3104216R 3101137 3681902 3104216 3104216RX 4952758	ECU9111535100X R9559111535100X	9111535100	NS318 Applications Cummins ISX Engine Models Water Ports: M18 - 1.5 STOR Discharge Ports: M27 - 2.0 STOR Governor Ports: M10 - 1.0 STOR

#### MATING COMPONENTS



**GOVERNOR**  
(S-9977)  
Replaces:  
1055047



**CYLINDER HEAD KIT**  
(S-21432)  
Replaces:  
9111539212  
4936225



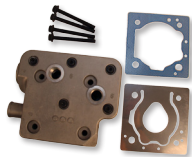
**8MM CYLINDER HEAD BOTTOM PLATE**  
(S-21442)



S-21431

NEWSTAR #:	REPLACES CUMMINS #:	REPLACES MERITOR #:	REPLACES WABCO #:	PRODUCT INFORMATION:
<b>S-21435</b>	3944524 3944525 3966522 3944526	ECU9111535300X R9559111535300X	9111535300	NS318 Applications Cummins ISC & ISL Engine Models Water Ports: 3/4" - 16 STOR Discharge Ports: M27 - 2.0 STOR Governor Ports: M10 - 1.0 STOR

#### MATING COMPONENTS



**CYLINDER HEAD** (S-21434)  
Replaces:  
9111539202

ISB, ISC, ISM, M11, N14,  
ISL Engine Models



**GOVERNOR**  
(S-9977)



S-21435

## AIR DRYER CARTRIDGES & ASSEMBLIES

### COMPLEMENTARY COMPONENTS

**AIR DRYER CARTRIDGE**  
S-A323



**AIR DRYER ASSEMBLY**  
S-20738



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-20738</b>	TDAR955300 432-421-009-0 S432-413-024-0 S432-413-024-7 S432-421-048-0 S432-421-048-7	Air Dryer Assembly	Replacement for Meritor SS1200P Requires External Purge Tank
<b>S-A323</b>	432-420-220-2 1-85127-004 432-410-020-2 1-487-434-901 BX5008414	Air Dryer Cartridge	Replacement for Bendix AD-SP™

**AIR DRYER CARTRIDGES ARE NEW/NO CORE CHARGE & INCLUDE SEAL RING KIT**

### COMPLEMENTARY COMPONENTS

**AIR DRYER CARTRIDGE**  
S-A474



**AIR DRYER ASSEMBLY**  
S-F345



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-F345</b>	BX065225 BX109685	Air Dryer Assembly	Replacement for Bendix AD-9™ 12 Volt Complete Replacement Unit Includes Bracket (S-16027)
<b>S-A474</b>	BX107794 BX107796	Air Dryer Cartridge	Replacement for Bendix AD-9™

**AIR DRYER CARTRIDGES ARE NEW/NO CORE CHARGE & INCLUDE SEAL RING KIT**



S-11844

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-11844</b>	BW 109493 BW 065624	Air Dryer Cartridge	Replacement for Bendix AD-IP™
<b>S-A473</b>	BW 103981 BW 104358	Air Dryer Cartridge	Replacement for Bendix AD-4™

**AIR DRYER CARTRIDGES ARE NEW/NO CORE CHARGE & INCLUDE SEAL RING KIT**

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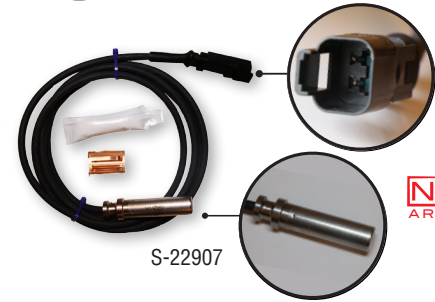


## WHEEL SPEED SENSORS

NEWSTAR #:	REPLACEMENT FOR BENDIX® #:	PRODUCT INFORMATION:
<b>NEW!</b> S-22905	BX801549	Harness Length: 60"/ 1524mm Body Type: 90° Connector Type: DT04
<b>NEW!</b> S-22906	BX801550	Harness Length: 75"/ 1905mm Body Type: 90° Connector Type: DT04
<b>NEW!</b> S-22897	BX801551	Harness Length: 40"/ 1016mm Body Type: 90° Connector Type: DT04
<b>NEW!</b> S-22907	BX801552	Harness Length: 75"/ 1905mm Body Type: Straight Connector Type: DT04
<b>NEW!</b> S-22902	BX801553	Harness Length: 40"/ 1016mm Body Type: Straight Connector Type: DT04



S-22905



S-22907

Air Dryers

NEWSTAR #:	REPLACEMENT FOR MERITOR WABCO #:	PRODUCT INFORMATION:
<b>NEW!</b> S-22909	TDAR955336	Harness Length: 36"/914mm Body Type: 90° Connector Type: Black Cannon



S-22909

## PURGE VALVE KITS



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>NEW!</b> S-22528	103818	Works w/ Bendix AD-4™ Air Dryers
<b>NEW!</b> S-22527	287053	Works w/ Bendix AD-2™ Air Dryers
<b>S-E278</b>	BX109570 BX109695 BX5004338 BX5004381	Works w/ Works w/ AD-9™ Air Dryers 24 Volt (Grey Cover) Includes Soft Seat Piston Assembly Heater/Thermostat Kit & Purge Housing
<b>S-12093</b>	BX800404 BX065626	Works w/ Bendix AD-IP™ & AD-IS™ Air Dryers
<b>S-D810</b>	BX109569 BX109686 BX800405 BX5004341	Works w/ Bendix AD-9™ Air Dryers 12 Volt White Cover
<b>S-18629</b>	BX109995	Works w/ Bendix AD-SP™ Air Dryers

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-17760</b>	BXK022105	High Boost Purge Valve Assembly Kit	Works w/ Bendix AD-IP™ & AD-IS™

AD-2, AD-4, AD-9, AD-IP, AD-IS & AD-SP are a trademark of Bendix Commercial Vehicle Systems, LLC.

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## HEATER/THERMOSTAT KITS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-E854	BX109495	Replacement for Bendix AD-SP, AD-IP & AD-IS 12 Volt, Includes Seal Rings & Hardware
S-E855	BX109496	Replacement for Bendix AD-SP, AD-IP & AD-IS 24 Volt, Includes Seal Rings & Hardware
S-C680	BX109578	Replacement for Bendix AD-9 Includes Seal Rings & Hardware 12 Volt (White Cover)
S-E277	BX109579	Replacement for Bendix AD-9 Includes Seal Rings & Hardware 24 Volt (Grey Cover)

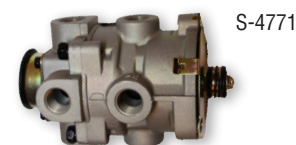


## BRAKE VALVES

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-11201	SN4017A BX275747	Brake Valve Treadle Assembly	Fits All Foot Valves Except Bendix E-7™ & E-5™
S-C446	286880 BX286880	Brake Valve	Replacement For Bendix E-6™ w/ Treadle Assembly



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-4771	BX286171	Brake Valve	Replacement for Bendix E-6™ 3/8" NPT supply ports (4) 3/8" NPT delivery ports (4) Dual circuit valve



## DASH VALVES

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-16988	BX065157 BX800516 1605095C91	Replacement for Bendix MV-3™ Type I Plate (Recessed) w/ .275" Open Mounting Holes (4)
S-11528	ZZKN-20611	Replacement for Midland 1/4" - 20 Threads (4) in Mounting Holes
S-11529	ZZKN-20615	Replacement for Midland 1/4" Mounting Holes (4) w/out Threads
S-16929	BX800257	Replacement for Bendix MV-3™ Type 1 Plate (Recessed) 9/32" Open Mounting Holes P-T-C Fittings in All Ports
S-16933	BX800573 2041137C91	Replacement for Bendix MV-3™ Type 1 Plate (Recessed) 1/4" - 20 Threads (4) in Mounting Holes



E-5, E-6, E-7 & MV-3 are a trademark of Bendix Commercial Vehicle Systems, LLC.

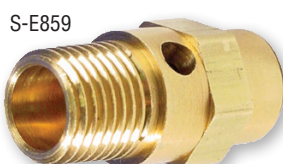
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## QUICK RELEASE VALVES



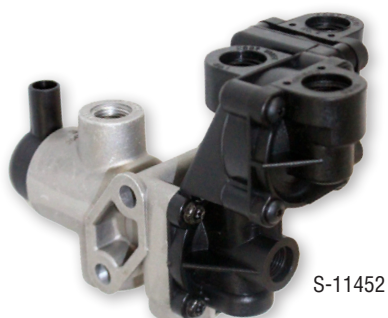
NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-4922</b>	BX229859 BX065212 BX288251	Replacement for Bendix QR-1 NPT Supply: 3/8" NPT Delivery: 3/8"
<b>S-8328</b>	BX229860 ZZKN32011	Replacement for Bendix QR-1 NPT Supply: 1/2" NPT Delivery: 3/8"
<b>S-9749</b>	BX289714	Replacement for Bendix QR-1C NPT Supply: 1/4" NPT Delivery (2): 3/8" NPT Balance: 1/4"

## SAFETY VALVES



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-E859</b>	BX800350	Replacement for Bendix ST-4™ 1/4" NPT Low Profile for Air Dryers Preset at 175 PSI

## TRACTOR PROTECTION VALVES



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-11452</b>	ZZKN34110 ZZKN34111	NPT Tractor Emergency Port: 3/8" NPT Foot Valve #1 & #2 Ports: 3/8" NPT Hand Control Port: 3/8" NPT Stop LAMP Switch #1 Port: 1/4" NPT Trailer Emergency Port: 1 1/2" NPT Trailer Service Port: 1/2"




QR-1, QR-1C & ST-4 are a trademark of Bendix Commercial Vehicle Systems, LLC.

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**BRAKE PADS & CALIPERS**




**COMPLEMENTARY COMPONENTS**



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-A782</b>	1658443C91 BX55250	Twin Piston Caliper	S Series & 4000 Series Medium Duty 1700-1800 Flat Back Cows (1981-1988) 3400-3800 Flat Back Cows (1997 & Before) 3600 & 3800 School Bus Series (1997 & Up)  3900 & FC School Bus Series (1997 & Before)  Amtran FE (1999), Genesis/FC & RE School Bus Series (1999 & Before)  Dimensions: 2 7/8"
<b>S-E738</b>	990953C93 FPD225HD	Disc Pad Set	—
<b>S-D418</b>	990956C91 BXH5635	Caliper Key Kit	—
<b>S-E585</b>	254468C1 571250C1 BX94010	Caliper Bleeder Screw	Dimensions: 7/16" - 24

**COMPLEMENTARY COMPONENTS**



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-10130</b>	BX55849 2501839C91 2509253C91 2593418C91	Twin Piston Caliper	4000 Series 3000 School Bus Series (1997 & Up)  3000 IC Integrated School Bus Series (1997 & Before)  3600 & 3800 School Bus Series (1997 & Up)  Dimensions: 2 7/8"
<b>S-13997</b>	2501842C91 ZJCMKD786A 2596037C91	Disc Pad Set	—
<b>S-21128</b>	2509252C92	Caliper Pin Kit	2 Wheel Brake Hardware Kit Bosch Slide Pin Design Works w/ 66 mm & 73 mm Brake Calipers
<b>S-E585</b>	254468C1 571250C1 BX94010	Caliper Bleeder Screw	Dimensions: 7/16" - 24



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## BRAKE PADS & CALIPERS




### COMPLEMENTARY COMPONENTS



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-10131</b>	BX55850 2501838C91 2509254C91 2593419C91	Twin Piston Caliper	4000 Series 3000 IC & 3000 RE (1999 & Up) 3000 FE School Bus Series (1997 & Up)  3600 & 3800 School Bus Series (1997 & Before)  Amtran FE Series (1999) Amtran Genesis/FC/RE Series (1999 & Before) Dimensions: 2 <sup>7</sup> / <sub>8</sub> "
<b>S-13998</b>	2501841C91 BXMKD786 ZJCMKD786	Disc Pad Set	—
<b>S-21128</b>	2509252C92	Caliper Pin Kit	2 Wheel Brake Hardware Kit Bosch Slide Pin Design Works w/ 66 mm & 73 mm Brake Calipers
<b>S-E585</b>	254468C1 571250C1 BX94010	Caliper Bleeder Screw	Dimensions: <sup>7</sup> / <sub>16</sub> " - 24

### COMPLEMENTARY COMPONENTS

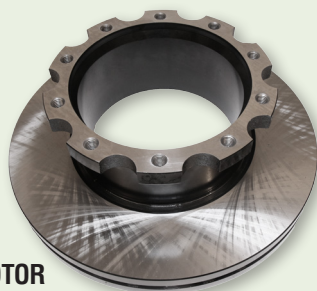


NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-A917</b>	1669311C91 BX55314 1669312C91 BX55245 582024C91	Twin Piston Caliper	4000 & S Series Medium Duty 1700 & 1800 Flat Cowls (1981-1988) 3000 School Bus Chassis (1997)  3400-3800 Flat Back Cowls (1997 & Before) 3600 & 3800 School Bus Series (1997 & Up)  3900 School Bus Series (1997 & Before)  Dimensions: 2 <sup>39</sup> / <sub>64</sub> "
<b>S-4252</b>	582028C93 990952C93	Disc Pad Set	—
<b>S-E585</b>	254468C1 571250C1 BX94010	Caliper Bleeder Screw	Dimensions: <sup>7</sup> / <sub>16</sub> " - 24

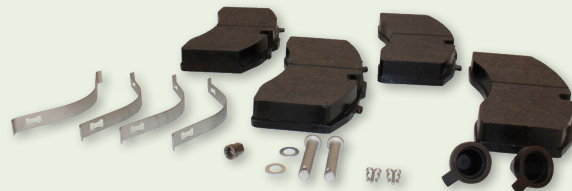
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**ROTORS & COMPONENTS**

**COMPLEMENTARY COMPONENTS**



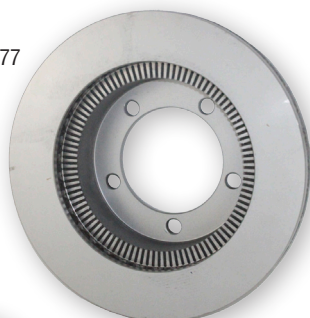
**BRAKE ROTOR**  
S-23223



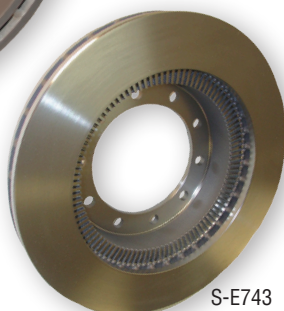
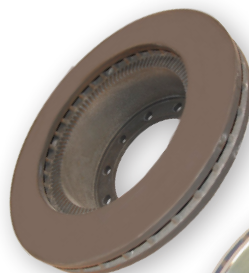
**DISC PAD SET**  
S-21233

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21233</b>	BX802078 BXK070796	Disc Pad Set	Works w/ 8B6000 & FMSI 8479-D1369 Calipers Includes 4 Pad Assemblies (802078) Includes Dayco Hardware Kit: 7 Springs, 2 Pins, 2 Washers, 2 Split Pins, 1 Hexagonal Adapter & 2 Rubber Caps
<b>S-23223</b>	BX802082	Brake Rotor	Replacement for Bendix Brake Model ADB22X OD: 430.00 mm Height: 150.00 mm Bolt Size: 13.5 mm Bolt Circle: 10 x 250.00 mm




S-11177



S-13295





S-E743

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-11177</b>	3531661C2 2596609C1	4000 & 3000 School Bus Series  OD: 15" Height: 3 1/2" 5 Stud, Dayton Walther Style ABS Exciter Teeth & Rust Inhibitor Coating
<b>S-E743</b>	3531662C1 2596610C1	4000 & 3000 School Bus Series  OD: 15" Height: 3 1/8" 10 Stud, Dayton Walther Style ABS Exciter Teeth & Rust Inhibitor Coating
<b>S-13295</b>	3531663C2 1646750C1 2596611C1	3000 & 4200-4900 Series Medium Duty CE 200, CE 300 & FE 300 School Bus Series  OD: 15" Height: 4 1/2" 10 Stud, Dayton Walther Style ABS Exciter Teeth & Rust Inhibitor Coating

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## EMERGENCY BRAKE SHOES & COMPONENTS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-A173	388912C91 A2-3722-G-501	Emergency Brake Shoe	4000 School Bus Series  10" x 3" DCM S Series
S-9985	597577C92	Emergency Brake Shoes	4000 School Bus Series  9" x 3" DCM S Series Set of 2 Shoes





NEWSTAR #:	REPLACES #:	DESCRIPTION:
S-21233	590684C91	Dust Shield



## COMPLEMENTARY COMPONENTS



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-3502	232040R91 A33722E421	Emergency Brake Shoe	4000 Series 4000 School Bus Series  12" x 4" DCM S Series
S-3145	233009R1	Emergency Brake Shoe Springs	4000 Series 4000 School Bus Series  10 Per Package
S-9046	232049R11 A-3736-K-375	Backing Plate	—
S-3886	233010R11 A-3787-N-14	Strut	—
S-C120	388914C1 A-3787-Q-17	Strut	—

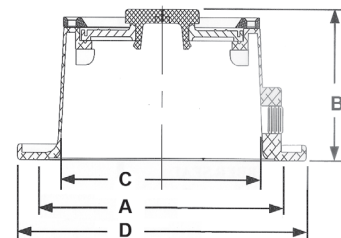
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## 6 HOLE ALUMINUM HUB CAPS

THE FOLLOWING HUB CAPS ARE EQUIPPED WITH:

- Interchange w/ C/R & Stemco
- Include Plug & Gasket
- 5/16" Bolt Size
- 6 Bolt

NEWSTAR #:	REPLACES #:	BOLT CIRCLE (A):	OVERALL HEIGHT (B):	FLANGE I.D. (C):	FLANGE O.D. (D):
<b>S-20000</b>	340-4195 388249C1	6 3/4"	3 11/16"	5 11/16"	7 1/2"
<b>S-B360</b>	343-4009 1657081C91 2033863C9 1695989C91	5 1/2"	2 11/16"	4 3/8"	6 1/4"
<b>S-B358</b>	343-4024	4 1/2"	2 5/8"	3 1/2"	5 1/4"
<b>S-B363</b>	343-4095	5 1/2"	1 13/16"	4 9/16"	6 3/16"
<b>S-B364</b>	343-4249	5 9/16"	1 13/16"	4 7/16"	6 3/16"



## 5 HOLE ALUMINUM HUB CAPS

THE FOLLOWING HUB CAPS ARE EQUIPPED WITH:

- Interchange w/ C/R & Stemco
- Include Plug & Gasket
- 5/16" Bolt Size
- 5 Bolt

NEWSTAR #:	REPLACES #:	BOLT CIRCLE (A):	OVERALL HEIGHT (B):	FLANGE I.D. (C):	FLANGE O.D. (D):
<b>S-B361</b>	343-4013	5 1/2"	3 11/16"	4 3/8"	6 1/4"

## SPIN OFF HUB CAPS

NEWSTAR #:	REPLACES #:	DESCRIPTION:
<b>S-B359</b>	340-4975	Plastic Fruehauf Spin-Off
<b>S-B362</b>	343-4075	Aluminum Fruehauf Spin-Off



S-B359



S-B362

## ADDITIONAL HUB CAP COMPONENTS

NEWSTAR #:	REPLACES #:	DESCRIPTION:
<b>S-5285</b>	330-3009 388249C	Universal Hub Cap Gasket
<b>S-B365</b>	359-5990	Vent Plug
<b>S-E781</b>	359-5995	Hub Cap Window Kit



S-B365



S-E781

## ADDITIONAL AIR COMPONENTS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-E858</b>	BX109869 BX298948 BX109871	Wiring Harness	Replacement for Bendix AD-9™, AD-SP™, AD-IP™ & AD-IS™



S-E858



**HOODS**



S-21302

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-21302</b>	2010717C1	2500 & 2600 Series (1989-1998) 8200 & 8300 Series (1989-2001) Length: 54"



S-18193

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-18193</b>	2023778C1	3800, 4600, 4700 & 4900 Series (1989-2002) Length: 44 1/2"



S-18192

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-18192</b>	3521968C91	9200 Series (1997-1999) Length: 59 1/2" Flat Windshield



S-18194

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-18194</b>	3521969C91	9400 Series (1997-1999) Length: 65" Flat Windshield

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## HOODS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-18197	3537837C	7300-7500 Series Length: 40"



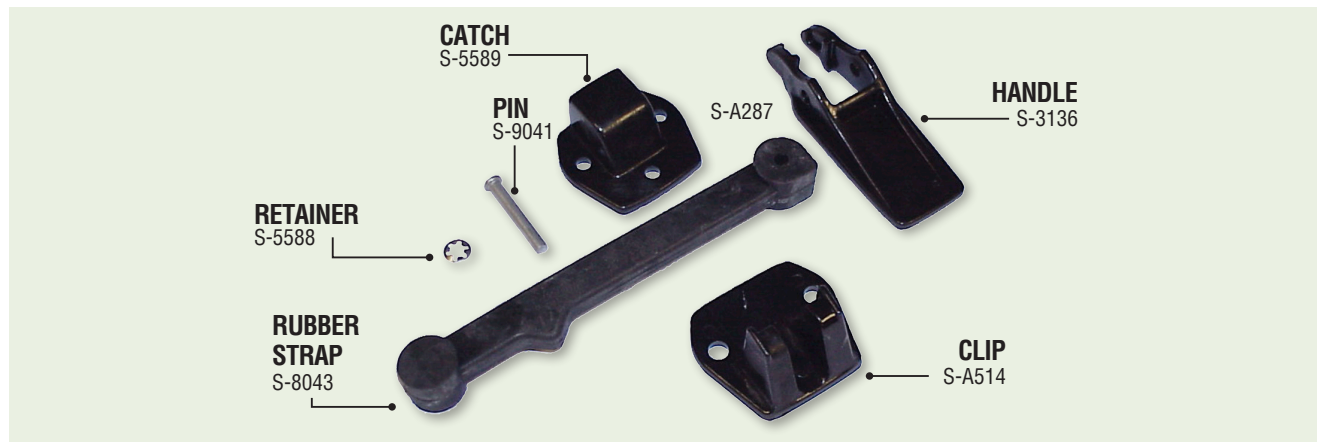
NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-18196	3551824C	9200I Series (1999-2009) Length: 54" Curved Windshield



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-18195	3551825C	9400I Series (1999-2009) Length: 60" Curved Windshield

## HOOD COMPONENTS

### COMPLEMENTARY COMPONENTS

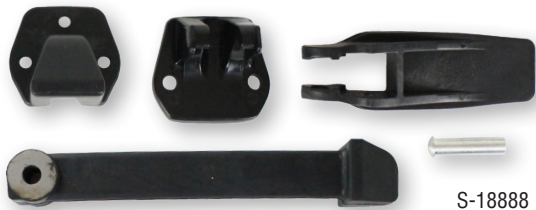


NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-A287	1699929C91 500269ASSY	Hood Hold Down Kit	4700, 4900, 7100, 8100-8300 & S Series Medium Duty
<b>CONSISTS OF:</b>			
S-5589	500271C1	Catch	—
S-3136	500269C1	Handle	—
S-A514	500274C1	Clip	—
S-8043	499523C1	Rubber Strap	—
S-5588	500270C1	Retainer	—
S-9041	500273C1	Pin	—

**AVAILABLE AS A KIT OR SEPERATELY**

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## HOOD COMPONENTS



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-18888</b>	1699930C92	Hood Hold Down Kit	9000 Series

S-18888



S-21821

S-11605

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21821</b>	3544924C1	Hood Latch	4100-4400 Series Medium Duty
<b>S-11605</b>	3558776C1	Hood Latch	4700, 4900, 7100 & 8100-8300 Series



S-20631

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-20631</b>	3551734C2	Hood Safety Cable	3200, 3300, FBC, BE & CE200-300 School Bus Series 

## COMPLEMENTARY COMPONENTS



**HOOD BUMPER**  
S-4921

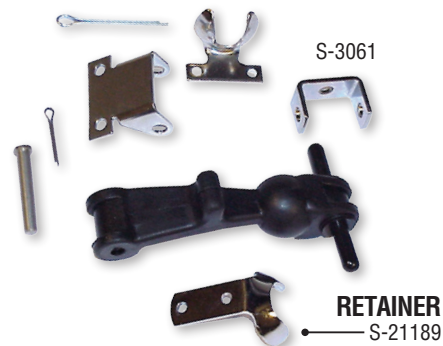


**HOOD GUIDE**  
S-2983

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-2983</b>	472697C1	Hood Guide	4000 & S Series
<b>S-4921</b>	472698C1	Hood Bumper	

## HOOD COMPONENTS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-3061</b>	491668C92	Hood Catch Kit	4000, 8000, 9370 & 9670 Series 3000 & 3800 School Bus Series (May 1997 & Up)
<b>RETAINER S-21189 (777937C1) AVAILABLE SEPERATELY</b>			



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21313</b>	598574C	Hood Spring	2500, 2600, 9100, 9200 & 9400 Series
<b>S-21242</b>	1675762C2	Hood Spring	2500 Series Medium Duty (January 1998 & Up) 3000 & 3800 School Bus Series (June 1997 & Up) 4700-4900 Series Medium Duty (June 1997 & Up)
<b>S-21122</b>	3588532C2	Hood Spring	9000 Series



## GRILLES

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-18203</b>	3566927C91	9100, 9100I, 9200, 9200I, 9400 & 9400I Series (1997 & Up) Width: 41 3/4" Height: 23 3/4" Chrome Finish

### MATING COMPONENTS



**GRILLE BEZEL (S-23056)**  
Replaces:  
3501482C1



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-18662</b>	3551015C99	4200, 4300 & 4400 Series Dimensions: 57" x 25" Plastic Chrome



## GRILLE BEZELS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-23056</b>	3501482C1	9200 & 9400 Premium Conventionals 5500I, 5600I & 5900I Conventionals Polished Aluminum



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**BUMPERS**



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-23258</b>	3610930C	4200-4300 & 8600 Series (2004 & Up) 1 Piece Large Tow Hooks Painted Silver Finish
<b>S-23002</b>	3610935C	4200-4300 & 8600 Series 1 Piece Large Tow Hooks Chrome Finish
<b>S-23843</b>	3610939C	4200-4300 & 8600 Series 1 Piece Large Tow Hooks Black Finish



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-22358</b>	AM0420SSC	9100, 9200 & 9400 Series Chrome Finish, Stainless Steel Clad Aluminum 11 Gauge
<b>S-18988</b>	3502239C2	9100, 9200 & 9400 Series Chrome Over Steel 11 Gauge



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-23235</b>	AM0421SSC	Prostar Linehaul Conventionals Chrome Finish, Stainless Steel Clad Aluminum 11 Gauge Includes Mounting Brackets & Fillers

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## BUMPER COMPONENTS

NEWSTAR #:	REPLACES #:	DESCRIPTION #:	PRODUCT INFORMATION:
S-22214	3720617C3	Bumper End, LH	Prostar Linehaul Conventionals
S-22213	3720618C3	Bumper End, RH	



## FENDER EXTENSIONS

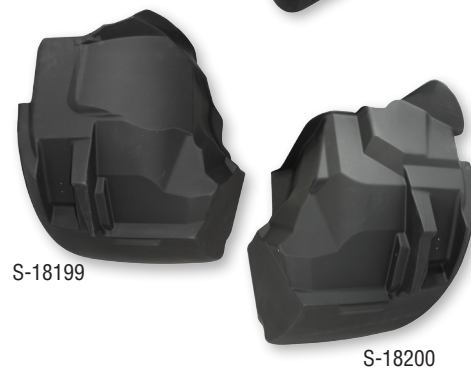
NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-18449	1657747C1	Fender Extension, LH	3800, 4700 & 4900 Series
S-18448	1657748C1	Fender Extension, RH	



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-18201	3518981C5	Fender Extension, RH	9100, 9100I, 9200, 9200I, 9400 & 9400I Series
S-18202	3518982C5	Fender Extension, LH	



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-18199	3566716C2	Fender Extension, LH	4300, 4400 & 8500 Series
S-18200	3566717C2	Fender Extension, RH	



## HOOD EXTENSIONS

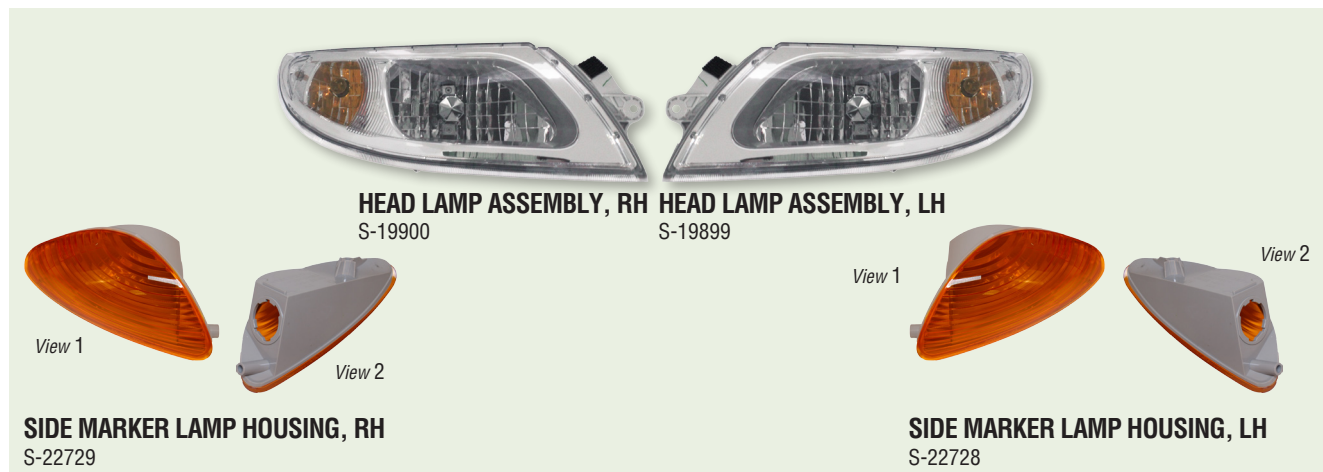
NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22310	3805331C99	Hood Extension, LH	Prostar Linehaul Conventionals
S-22309	3805332C99	Hood Extension, RH	




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LAMPS



COMPLEMENTARY COMPONENTS



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22728	3561965C1	Side Marker Lamp Housing, LH	4100-4400 & CE200/300 School Bus Series 
S-22729	3561966C1	Side Marker Lamp Housing, LH	
S-19899	3574387C94 4020383C91	Head Lamp Assembly, LH	
S-19900	3574388C94 4020384C91	Head Lamp Assembly, RH	

COMPLEMENTARY COMPONENTS



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-A644	1686721C91	Head Lamp	3800, 4700, 4800, 8100 & 8200 Models (1995-2004)
S-19975	1661763C1	Bezel, LH	3000 Series School Bus (1997 & Before) 
S-19976	1661764C1	Bezel, RH	3800 School Bus Models (May 1997 & Up) 



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-21414	2505366C91	Turn Signal Lamp, LH	9000-9200, 9400 & 9900
S-21415	2505369C91	Turn Signal Lamp, RH	Series Premium Conventionals

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## LAMPS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22794	3596015C95	Head Lamp Assembly, LH	Prostar Linehaul Conventionals
S-22795	3596016C95	Head Lamp Assembly, RH	



S-22794



S-22795

## LAMP BEZELS

### COMPLEMENTARY COMPONENTS



**CHROME BEZEL, RH**  
S-21413



**CHROME BEZEL, LH**  
S-21412



**COMPLETE ASSEMBLY, RH**  
S-21411



**COMPLETE ASSEMBLY, LH**  
S-21408

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-21408	3502928C91	Complete Assembly, LH	9000-9200, 9400 & 9900 Series Premium Conventionals
S-21411	3502929C91	Complete Assembly, RH	
S-21412	2505370C1	Chrome Bezel, LH	
S-21413	2505371C1	Chrome Bezel, RH	

## DOOR COMPONENTS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-13951	477257C94	Door Latch, LH	1000 & 4000 Series
S-13952	477258C94	Door Latch, RH	



S-13951

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-7630	498003C2	Door Latch, LH	9370 & 9670 Series (June 1989 & Before)
S-7631	498004C2	Door Latch, RH	



S-7630

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## DOOR COMPONENTS



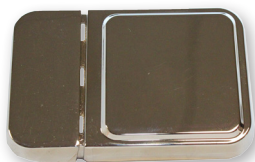
S-17329

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-17329</b>	1677433C2	Door Latch, LH	9670 Series (August 1989 & Up)
<b>S-17330</b>	1677434C2	Door Latch, RH	



S-21953

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21953</b>	3549259C2	Door Hinge	4200-4400 Series Lonestar & Prostar Linehaul Conventionals



S-E627

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-E627</b>	3550931C91 3550925C	Door Handle	4700, 4900, 7100, 8100, 8200 & 8300 Series



S-18290

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-17330</b>	1677434C2	Door Lock, LH	9670 Series (August 1989 & Up)
<b>S-18290</b>	1677435C2	Door Lock, RH	

## WINDOW COMPONENTS



S-9409



S-9410

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-9409</b>	1686704C91	Window Regulator, LH	S-Series & 4000 Series Chassis (1991 & Up)
<b>S-9410</b>	1686705C91	Window Regulator, RH	

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## WINDOW COMPONENTS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-8530</b>	1649776C1	Window Handle	9670, 9370, Paystar, Transtar, COF5870 & S Series Dark Finish
<b>S-3200</b>	475196C1	Window Handle	9670, 9370, Paystar, Transtar, COF5870 & S Series Chrome Finish



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-22411</b>	2504705C1	Nozzle Kit	4100-4400 Series BE200, CE200 & 300 School Bus Series 



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-14004</b>	1696499C	Washer Fluid Nozzle Assembly	5000, 5000I, 5600, 5900, 9100, 9200, 9400, 9900 & 5800 Series 3000 School Bus Series (May 1997 & Before)  4000 Series Medium Duty (May 1997 & Before) 9000 Series Premium Conventionals

### MATING COMPONENTS



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21761</b>	446883001	Washer Pump	000FE, RE, BE200, CE200, 300, FE300, RE300 School Bus Series  5500I, 5600I & 5900I Series Severe Service Conventionals 9200, 9400 & 9900 Premium Conventionals

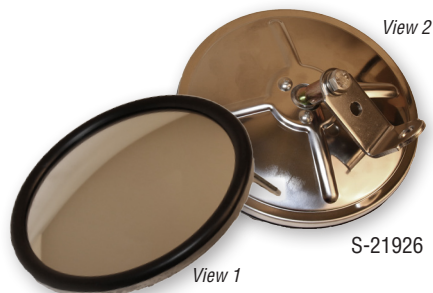


NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21201</b>	3527221C1	Wiper Arm, LH	5000, 5000I, 5600I & 5900I Series Severe Duty 9100, 9200, 9400 & 9900 Premium Conventionals 9800 Series Premium Cabovers



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**MIRRORS**



NEWSTAR #	DESCRIPTION:	PRODUCT INFORMATION:
S-21926	5" Convex Mirror	Center Mount "L" Bracket Included for Easy Replacement Stainless Steel Finish



NEWSTAR #	DESCRIPTION:	PRODUCT INFORMATION:
S-21927	6" Convex Mirror	Center Mount "L" Bracket Included for Easy Replacement Stainless Steel Finish



NEWSTAR #	DESCRIPTION:	PRODUCT INFORMATION:
S-21928	8.5" Convex Mirror	Center Mount "L" Bracket Included for Easy Replacement Stainless Steel Finish



NEWSTAR #	DESCRIPTION:	PRODUCT INFORMATION:
S-21929	8.5" Convex Mirror	"L" Bracket Included for Easy Replacement Stainless Steel Finish

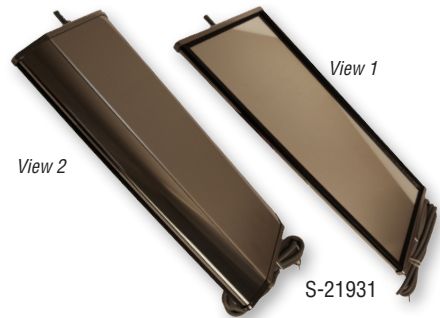


NEWSTAR #	DESCRIPTION:	PRODUCT INFORMATION:
S-21930	8.5" Convex Mirror	Bubble Center Includes Mounting Stud & Bolt Stainless Steel Finish

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**MIRRORS**

NEWSTAR #	DESCRIPTION:	PRODUCT INFORMATION:
S-21931	7" X 16" West Coast Mirror, LH/RH	Commonly Used on Western Star, Peterbilt & Kenworth Models OEM Style-Flat Back Heated Polished Stainless Steel Finish



NEWSTAR #	DESCRIPTION:	PRODUCT INFORMATION:
S-21932	7" X 16" West Coast Mirror, LH/RH	Commonly Used on Western Star, Peterbilt & Kenworth Models Includes Amber Lens MarkerLAMP Includes Hardware OEM Style-Flat Back Heated Polished Stainless Steel Finish



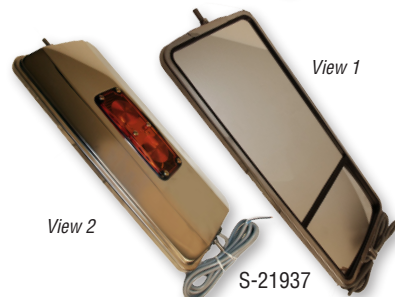
NEWSTAR #	DESCRIPTION:	PRODUCT INFORMATION:
S-21935	7" X 16" West Coast Mirror, LH/RH	Commonly Used on GM, Ford, Sterling, Mack & International Models Pyramid/Peak Back/ V-Back Style Includes Hardware Stainless Steel Finish



NEWSTAR #	DESCRIPTION:	PRODUCT INFORMATION:
S-21936	7" X 16" West Coast Mirror, LH/RH	Commonly Used on Western Star, Peterbilt & Kenworth Models OEM Style-Flat Back Includes Hardware Stainless Steel Finish



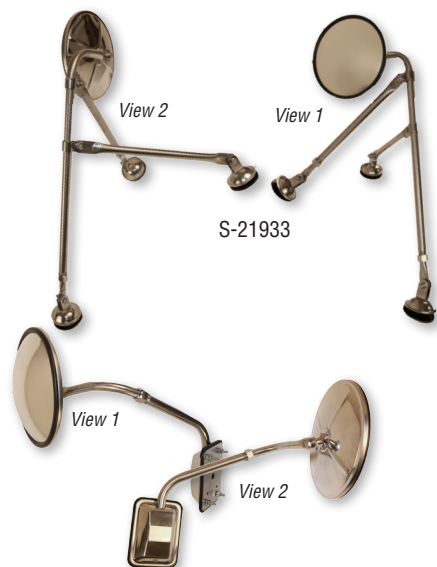
NEWSTAR #	DESCRIPTION:	PRODUCT INFORMATION:
S-21937	7" X 16" West Coast Mirror, LH/RH	Commonly Used on GM, Ford, Sterling, Mack & International Models Includes Convex Spot Mirror Includes Amber Lens MarkerLAMP Includes Hardware Heated Stainless Steel Finish



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## MIRRORS



NEWSTAR #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21933</b>	Fender Tripod, LH/RH	Adjustable 21" - 32.75" Tripod w/ 8 1/2" Convex Mirror Adjustable Safety Mirror & Bracket Stainless Steel Finish

NEWSTAR #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21934</b>	Pod Mount Mirror, LH/RH	Includes Backing Plate, Gasket & Mounting Hardware Includes Single Arm & 8 1/2" Convex Mirror Stainless Steel Finish

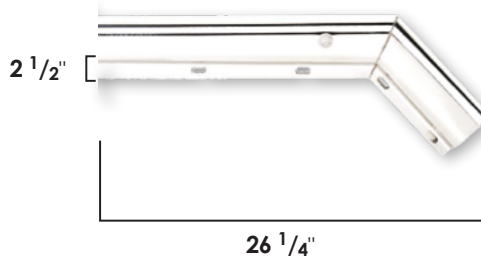
## FUEL CAPS



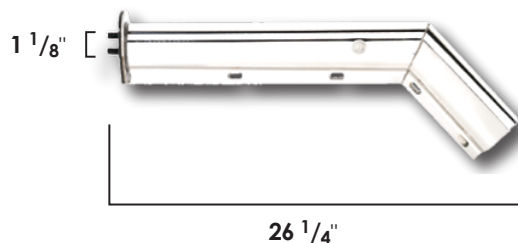
NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-17331</b>	508010C91	4000 Series Non-Locking Aluminum Nominal Size: 3" Threaded Neck: 4"
<b>S-A968</b>	576746C91	Non-Locking Aluminum Vented # of Threads: 11.5 Threaded Neck: 2"
<b>S-17348</b>	2040848C91	Non-Locking Aluminum Spring Loaded Vented # of Threads: 8 Threaded Neck: 3"

## HANGERS & COMPONENTS

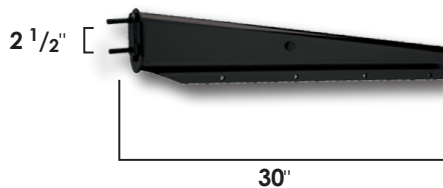
NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22277	647-SL	2 1/2" Angled	Includes 2 Hangers Spring Loaded Chrome Finish
S-22278	647S-SL	2 1/2" Angled	Includes 2 Hangers Spring Loaded Stainless Finish



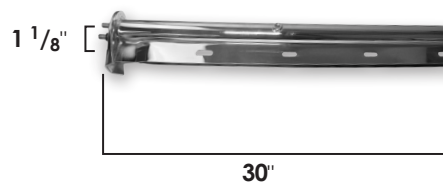
NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22280	648-SL	1 1/8" Angled	Includes 2 Hangers Chrome Finish
S-22281	648S-SL	1 1/8" Angled	Includes 2 Hangers Stainless Finish
S-22279	648B-SL	1 1/8" Angled	Includes 2 Hangers Black Finish



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22282	646-SL	2 1/2" Straight	Includes 2 Hangers Spring Loaded Chrome Finish
S-22283	646S-SL	2 1/2" Straight	Includes 2 Hangers Spring Loaded Stainless Finish
S-22284	646B-SL	2 1/2" Straight	Includes 2 Hangers Spring Loaded Black Finish



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22675	649-SL	1 1/8" Straight	Includes 2 Hangers Chrome Finish
S-22676	649S-SL	1 1/8" Straight	Includes 2 Hangers Stainless Finish
S-22674	649B-SL	1 1/8" Straight	Includes 2 Hangers Black Finish



NEWSTAR #:	REPLACES #:	DESCRIPTION:
S-22276	640	Anti-Sail Hold Down



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## HUB COVERS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22677	ACX40200	Hub Cover Set	Chrome Finish
S-23593	MW971	Hub Cover Set Front	Chrome Finish



S-22677

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22678	MW1273BK	Wheel Hub Cover	5 Notch Chrome Over Steel
S-22679	MW1285BK	Wheel Hub Cover	5 Notch Stainless Steel Finish



View 1

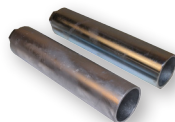
View 2

S-22679

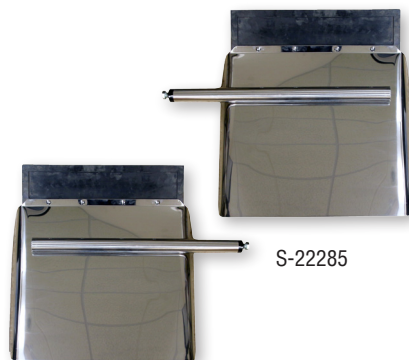
## QUARTER FENDERS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22285	742-S	24" Quarter Fender Set	Includes Mounting Pins & Bolts Stainless Steel Includes Left & Right Fenders

### MATING COMPONENTS



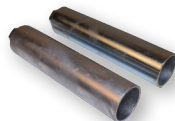
**POST KIT**  
(S-23091)  
Single Bolt, 2 Posts,  
Includes Washers & Bolts



S-22285

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22382	FLT1900KIT	24" Quarter Fender Set	Includes Clamp High Impact Plastic Includes Left & Right Fenders

### MATING COMPONENTS



**POST KIT**  
(S-23091)  
Single Bolt, 2 Posts,  
Includes Washers & Bolts



S-22382

**HORNS**

**COMPLEMENTARY COMPONENTS**



**HORN, HIGH**  
S-4730



**HORN, LOW**  
S-4731

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-4730	411948C91 165519R91	Horn, High	S Series Medium & Heavy Duty 4000, 8000, 9370 & 9670 Series
S-2634	411949C91 166166R91	Horn, Low	

**COMPLEMENTARY COMPONENTS**



**HORN, LOW**  
S-17570



**HORN, HIGH**  
S-17571

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-17570	3523179C91 3903524C91	Horn, Low	S Series Medium & Heavy Duty 4000 & 8000 Series 9370 & 9670 Models
S-17571	3523180C91	Horn, High	

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**ADDITIONAL CAB & BODY COMPONENTS**

NEWSTAR #:	REPLACES:	DESCRIPTION:	PRODUCT INFORMATION:
S-22286	1301	Air Cleaner Complete Kit	15" Vortex Style 7" Outlet 304 Stainless Steel Finish Includes Housing, 2 Mounting Straps & Mounting Plate Held Together w/ Long Bolt through Middle of Housing



NEWSTAR #:	REPLACES #:	DESCRIPTION:
S-7691	1669309C2	Key Blank



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-3204	286655C4	Shift Boot	4000 & S Series Medium Duty



NEWSTAR #:	REPLACES #:	DESCRIPTION:
S-15593	2032580C91	Luggage Box Cable



NEWSTAR #:	REPLACES #:	DESCRIPTION:
S-C459	682506R91	Air Horn Valve



NEWSTAR #:	REPLACES #:	DESCRIPTION:
S-5116	244283R1	Chrome Dual Air Horn

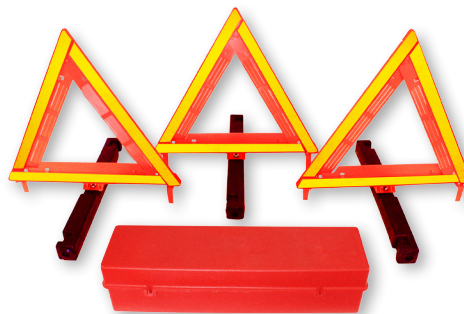


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## WARNING TRIANGLE REFLECTOR KIT

### COMPONENTS & FEATURES:

- 3 Collapsible Reflective Triangles In Compact, 1 Piece Storage Box
- Rotate 1/4 Turn & Still Stay Upright In Heavy Traffic Or Bad Weather
- Weighted Bases
- No Tools Required For Setup
- Meets DOT, NHTSA & FMVSS 125 Requirements



NEWSTAR #:	PRODUCT INFORMATION:
S-18223	M Series Dimensions: 17" x 17" 3 Per Box Weight: 2lbs 15oz Each

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**U-JOINTS**



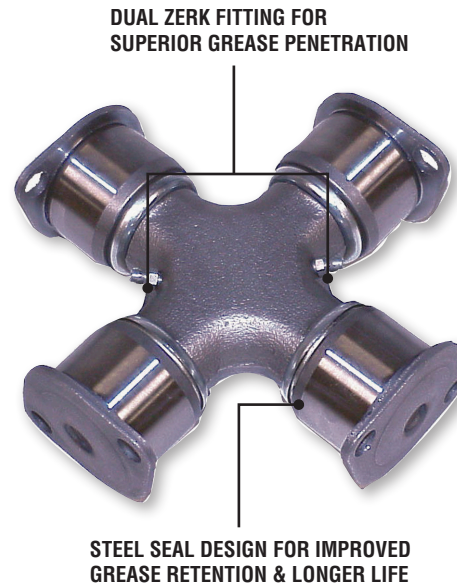
NEWSTAR #:	REPLACES #:	REPLACEMENT FOR DANA® #	SERIES:
S-9671	208959R91	5-103X	1000
S-7021	ZKC115 108991R92 1662198C91	5-115X	1500
S-9684	—	5-1204X	55
S-1802	ZKC1206I ZAD286600 219193R91	5-1206X	55
S-7022	ZKC124 974180R93	5-124X	1800
S-B821	—	5-1300X	5160
S-9846	—	5-1306X	7260
S-A163	—	5-1309X	7290
S-7023	—	5-134X	1310-1330
S-B118	—	5-137X	—
S-2171	ZKC153Q 645573R91 121406R92	5-153X 5-121X	1260-1270 & 1310
S-7024	ZKC155Q 213882C91 213882R91	5-155X	1550
S-2860	ZKC160Q 127574R91	5-160X	1410
S-7025	ZKC165 751762C91	5-165X	1650
S-7026	ZKC170 252577C91 447797C91	5-170X	1000
S-7027	ZKC178Q 127573R91	5-178X	1350
S-7029	ZKC188 913774R91	5-188X	1480
S-9683	—	5-213X	1330
S-7030	—	5-260X	1310 WJ
S-7434	ZKC279Q ZAD-11516 121684R92 1676278C91	5-279X	1610
S-7435	ZKC280Q ZAD-11577 121762R92	5-280X®	1710
S-2627	ZKC281 422910C91	5-281X	1810
S-7658	ZKC297 459395C91	5-297X	1310 HDWJ
S-13953	—	5-308X	1880
S-9347	—	5-3147X	3RL
S-6101	—	5-324X	1810 Mack
S-7889	—	5-326X	1880-9C Mack

SPL\_\_X® is a trademark of Dana Corp

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## U-JOINTS

NEWSTAR #:	REPLACES #:	REPLACEMENT FOR DANA® #	SERIES:
S-C587	—	5-332X	1480WJ
S-9845	—	5-353X	1260 & 1310-7260
S-6110	—	5-4002X	4CL
S-6099	ZKC407Q 578379C91	5-407X	1760
S-11832	—	5-4140X	4CBL
S-7798	1650879C91 1696914C91	5-438X	1610 1/2 Round
S-7031	1658881C91 1696917C91	5-469X	1760 1/2 Round
S-13841	—	5-5031X	5CBL
S-7032	165888291 1696916C91	5-510X	1810 1/2 Round
S-7033	1658880C91 1696915C91	5-515X	1710 1/2 Round
S-6113	—	5-5177X	5CSRL
S-6921	—	5-5800XX	58WB
S-6919	—	5-5801X	58WB
S-6920	—	5-5802X	58WB
S-6125	ZKC6100 65351R93	5-6000X	6CL
S-6109	—	5-6102X	6CBL
S-6107	—	5-6106X	6BL
S-C472	ZKC5674	5-674X	1610 1/2 Round
S-C473	ZKC675	5-675X	1710 1/2 Round
S-C474	ZKC5676	5-676X	1810 1/2 Round
S-C475	ZKC677 2502647C91	5-677X	1760 1/2 Round
S-1720	ZKC7000 136512HB	5-7000X	7LN
S-6118	—	5-7105X	7LN
S-6116	ZKC7202 140604R92	5-7202X	7CBL
S-13211	ZKC785	5-785X	1310
S-6126	—	5-8105X	8BL
S-6123	ZKC8200 69557R93	5-8200X	8LN
S-6124	—	5-8202X	8CBL
S-6117	—	5-9001X	9C
S-11158	—	5-9017X	9C
S-6918	ZKC92 150635R92	5-92X	L6N
S-C186	—	—	850N



- 1 Year Unlimited Mile Warranty
- ISO9000 Certified

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## U-JOINTS



NEWSTAR #:	REPLACES #:	REPLACEMENT FOR DANA® #	SERIES:
<b>S-B117</b>	—	S-55-55-2	55
<b>S-E129</b>	—	SPL90X®	SPL®
<b>S-14117</b>	2506391C91 1681117C91	SPL100-1X®	SPL®
<b>S-E358</b>	2500678C91	SPL170X®	SPL®
<b>S-E359</b>	2500680C91	SPL250X®	SPL®

## STRAP KITS



NEWSTAR #:	REPLACES #:	REPLACEMENT FOR DANA #:	PRODUCT INFORMATION:
<b>S-D689</b>	—	2-8-59	1710, 1760, & 1810 Series
<b>S-B608</b>	1662835C91	2-70-18X	1310 & 1330 Series
<b>S-B609</b>	1662836C91	2-70-28X	1310 & 1330 Series
<b>S-B612</b>	1662883C91	3-70-28X	1350 & 1410 Series
<b>S-B613</b>	1658833C91	3-70-38X	1480 & 1550 Series
<b>S-A955</b>	1658834C91	5-70-28X	1610 Series
<b>S-A293</b>	1658835C91	6.5-70-18X	1710, 1760 & 1810 Series
<b>S-D756</b>	1658128C91 1685128C91	90-70-28X	SPL90X® Series
<b>S-D757</b>	2500674C91	170-70-28X	SPL170X® Series
<b>S-D758</b>	2500675C91	250-70-28X	SPL250X® Series
<b>S-E715</b>	2507286C91	212214X	1710 Series

## U-BOLT KITS



NEWSTAR #:	REPLACES #:	REPLACEMENT FOR DANA #:	PRODUCT INFORMATION:
<b>S-15366</b>	—	2-94-58X	1330F
<b>S-B614</b>	1662181C91	3-94-18X	1350 & 1410
<b>S-B615</b>	1662182C91	3-94-28X	1480 & 1550

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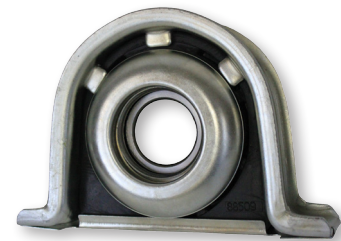
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## CENTER BEARINGS

NEWSTAR #:	REPLACES #:	REPLACEMENT FOR DANA #:	PRODUCT INFORMATION:
<b>S-7935</b>	1662709C91 283067C93	210084-2X	1550, 1610 & 1650 Series
<b>S-7934</b>	1662710C91 1676270C91 386418C91	210088-1X	1280 & 1310 Series
<b>S-1980</b>	ZKC2101211X 1662711C91 1676271C91 283069C93 291870C91 2591050C91 2593349C1	210121-1X	1710 Series
<b>S-D458</b>	1662712C91	210130-1X	1550 & 1610 Series
<b>S-D460</b>	1662713C91	210140-1X	1350, 1410 & 1480 Series
<b>S-C448</b>	466505C91	210207-1X	1550, 1610 & 1650 Series
<b>S-D459</b>	1662722C91	210367-1X	1280, 1310, 1330, 1350 & 1410 Series
<b>S-7020</b>	ZKC2103911X 1676273C91 315442C91 484002C91 ZMB2103911X 2591051C91	210391-1X	1310, 1410 & 1480 Series
<b>S-E319</b>	ZKC2104331X	210433-1X	1410 & 1480 Series
<b>S-7926</b>	ZKC2106611X 1662725C91 1676305C91 283071C93	210661-1X	1760 & 1810 Series
<b>S-B240</b>	ZKC408661X ZKC2108661X	210866-1X	1310-1550 Series
<b>S-B333</b>	1669550C91 2591053C91	210875-1X	1760 & 1810 Series
<b>S-18847</b>	2591048C91	CB210661-1XSA	1760 & 1810 Series Self Aligning Includes 2 Slings (DEFR55-1)



S-18847



S-7935



S-D458

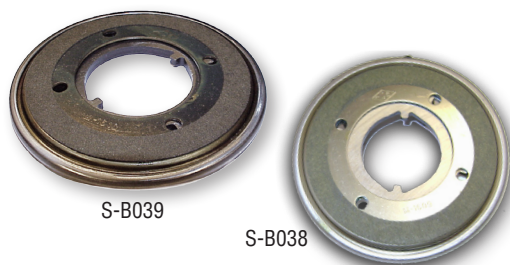
## HINGED CLUTCH BRAKES



S-15475

NEWSTAR #:	REPLACES #:	DESCRIPTION :	DIMENSION "A" :
S-15475	1677144C1	2" (3/8" Thick)	2 1/2" - 2 37/64"
S-16422	—	2" (29/64" Thick)	2 37/64" - 2 21/32"
S-16423	—	2" (1/2" Thick)	2 21/32" - 2 23/32"
S-16424	—	2" (35/64" Thick)	2 23/32" - 2 49/64"
S-16425	—	1 3/4" (3/8" Thick)	2 1/2" - 2 37/64"

## TORQUE LIMITING CLUTCH BRAKES



S-B039

S-B038

NEWSTAR #:	REPLACES #:	DESCRIPTION :	DIMENSION "A" :
S-B038	69883R1	1-3-4" (3/8" Thick)	2 1/2" - 2 37/64"
S-17669	—	1-3-4" (1/2" Thick)	2 37/64" - 2 23/32"
S-B039	797700C1	2" (3/8" Thick)	2 1/2" - 2 37/64"
S-17670	—	2" (29/64" Thick)	2 37/64" - 2 21/32"
S-17671	—	2" (1/2" Thick)	2 21/32" - 2 37/64"

## CLUTCH BRAKE SHIMS



S-17672

NEWSTAR #	DESCRIPTION:	DIMENSION "A":
S-17672	2" (1/8" Thick)	2 37/64" - 2 21/32"
S-17673	2" (3/16" Thick)	2 21/32" - 2 37/64"


## CLUTCH RELEASE FORKS





S-19996



S-7440

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-7440	697924R6 NSDS105C137	Dana 13, 14 & 15 1/2" Clutches DT466, T444E & VT375 Engine Models
S-19996	300781C1	4000 & 7000 Series 3400, 3600, 3700, 3900 School Bus Series (May 1997 & Before)  DT466, T444E & 7.3 Engine Models Works w/ 14" & 15 1/2" 2 Plate Clutch

## CLUTCH SHAFTS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-19914	483767C1	3000 & 4000 Series 3400, 3600-3900 School Bus Series (May 1997 & Before)  DT466, T444E & 7.3 Engine Models Works w/ 14" & 15 1/2" 2 Plate Clutch
S-20630	2005406C1	5000 & 9000 Series DT466, T444E & VT375 Engine Models
S-21695	476337C2	2000 Series Medium & Heavy Duty 3400, 3600, 3700 & 3800 School Bus Series  4500-4900 Series Medium Duty (May 1997 & Before) DT466, T444E & VT375 Engine Models Length: 8 1/2" Works w/ 14" & 15 1/2" 2 Plate Clutch



S-19914



S-21695

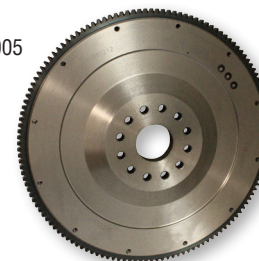


S-20630

## FLYWHEELS

NEWSTAR #	REPLACES #:	APPLICATION:
S-A608	1810855C93	DT466B & C Engine Models
S-10006	1818214C91	7.3L/T444E Engine Models
S-10005	1821915C93	DT466E Engine Models

S-10005



## BEARING & SLEEVE ASSEMBLIES

NEWSTAR #	REPLACES #:	PRODUCT INFORMATION:
S-9208	572107C91	14" & 15" Clutch Assemblies



S-9208

## DRIVE PINS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-7660	697956R2	5000 & 9000 Series DT466, T444E & VT375 Engine Models

S-7660





## ANGLE SPRING STYLE CLUTCH ASSEMBLIES

### THE FOLLOWING ASSEMBLIES ARE EQUIPPED WITH:

- Manual Adjustment
- Greasable Bearing

NEWSTAR #:	DANA #:	COVER #:	PLATE LOAD (LBS.):	TORQUE (FT/LBS.):	CARRIER STYLE:	FRICTION MATERIAL:	CERAMIC CONFIG:	SPRING #:	CONVENTIONAL:	FREE TRAVEL:	MIN. FLYWHEEL OPENING:
<b>14" X 1-3/4" CAST IRON TWO PLATE</b>											
S-8307	C107035-36	C127400-1	3200	600	Round	Organic	—	R	—	—	7"
S-8308	C107035-22	C127400-1	3200	800	Round	Ceramic	—	R	—	—	7"
S-8310	C107035-53	C127400-1	3200	1000	Round	Ceramic	VTL	8	X	—	7"
S-E352	C107063-59	C127400-1	3200	1150	4-Paddle	Ceramic	VSR	8	X	—	7"
<b>14" X 2" CAST IRON TWO PLATE</b>											
S-8304	C107034-19	C127390-1	3200	800	Round	Ceramic	VTL	R	—	—	7"
S-8305	C107034-32 C107034-54B	C127390-1	3200	1000	Round	Organic	—	8	X	—	7"
S-8306	C107034-53	C127390-1	3200	1000	Round	Ceramic	VTL	8	X	—	7"
S-E353	C107050-59	C127390-1	3200	1400	4-Paddle	Ceramic	VSR	8	—	X	7"
<b>15 1/2" X 1-3/4" CAST IRON TWO PLATE</b>											
S-8314	C107090-52	C127476-1	3200	1250	Round	Ceramic	VTL	8	X	—	7"
<b>15 1/2" X 2" CAST IRON TWO PLATE</b>											
S-8318	C107091-52	127597-1	3600	1150	Round	Ceramic	VTL	8	X	—	7"
S-E416	C107391-93	127597-6	4000	1850	6-Paddle	Ceramic	VSR	10	X	—	8.5"
S-E419	C107935-51	150698-4-M	3600	1650	4-Paddle	Ceramic	VSR	9	X	—	10"
S-E603	C107091-81	—	3600	1400	4-Paddle	Ceramic	VSR	8	—	X	7"
S-E606	C107391-74	—	3600	1650	4-Paddle	Ceramic	VSR	10	X	—	8.5"
<b>14" X 1-1/2" STAMPED STEEL SINGLE PLATE</b>											
S-8295	C107688-7	C129710-3	2400	520	4-Paddle	Ceramic	VSR	8	X	—	7"
<b>14" X 1-3/4" STAMPED STEEL SINGLE PLATE</b>											
S-8296	C107113-7	C127747-2	2800	445	Round	Ceramic	VSR	8	X	—	7"
S-8297	C107113-5	C127747-2	2800	650	4-Paddle	Ceramic	VSR	8	X	—	7"
S-E432	C107683-5	C127747-1	3200	650	3-Paddle	Ceramic	VTL	8	X	—	7"
S-E433	C107683-16	C127747-1	3200	445	Round	Organic	—	8	X	—	7"
S-E434	C107684-6	C129044-1	3200	650	3-Paddle	Ceramic	VTL	8	X	—	7"
<b>14" X 1-3/4" STAMPED STEEL TWO PLATE</b>											
S-8299	C107137-5	C129044-2	2800	900	3-Paddle	Ceramic	VSR	8	X	—	7"
S-8298	C107137-6	C129044-2	2800	800	Round	Organic	—	8	X	—	7"
S-C580	C107237-8	C129060-5	2000	900	3-Paddle	Ceramic	VTL	8	—	X	7"
S-E430	C107137-8	C129044-5	2000	900	3-Paddle	Ceramic	VTL	8	—	X	7"
S-E599	C107237-16	C129060-2	2800	800	Round	Organic	—	8	X	—	7"
<b>14" X 2" STAMPED STEEL TWO PLATE</b>											
S-8302	C107142-2	C129055-2	2800	900	3-Paddle	Ceramic	VSR	8	X	—	7"
S-E600	C107342-11	C129061-5	2000	900	3-Paddle	Ceramic	VTL	8	—	X	7"

### THE FOLLOWING ASSEMBLIES ARE EQUIPPED WITH:

- Adjustment Free
- Lube Free Bearing
- Torque 520 ft/lbs
- 3 Paddle Carrier Style
- Ceramic Friction Material
- 8 Springs
- 7" Minimum Flywheel Opening

NEWSTAR #:	DANA #:	COVER #:
<b>365MM STAMPED STEEL</b>		
S-20128	C104100-1	C138006-1
S-20129	C104100-2	C138006-1
S-20130	C104200	C138006-1



S-20128

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## ANGLE SPRING STYLE CLUTCH ASSEMBLIES

THE ASSEMBLIES BELOW ARE EQUIPPED WITH:

- External Adjustment
- Greasable Bearing
- Conventional
- 7" Minimum Flywheel Opening

NEWSTAR #:	DANA #:	COVER #:	PLATE LOAD (LBS):	TORQUE (FT/LBS):	CARRIER STYLE:	FRICTION MATERIAL:	CERAMIC CONFIG:	SPRING #:
<b>30mm X 1-1/4" &amp; 1 3/8" &amp; 1 1/2"</b>								
S-8853	C107606-1	C330-1928	2800	400	4-Paddle	Ceramic	VTL	8
<b>14" DLB X 1 1/2" &amp; 1 3/4"</b>								
S-E425	LP1047-134	LP14-1047	3200	500	Round	Organic	—	10
S-E426	LP1067-144	LP14-1067	2800	550	Round	Organic	—	10
S-E427	LP1072-134	LP14-1072	2800	550	Round	Organic	—	10
<b>350mm X 1 1/2" SINGLE PLATE PUSH TYPE</b>								
S-C372	C107620-1	C102048	2400	500	4-Paddle	Ceramic	VSR	8
S-E429	C107621-7	C102048	2400	500	4-Paddle	Ceramic	VSR	8

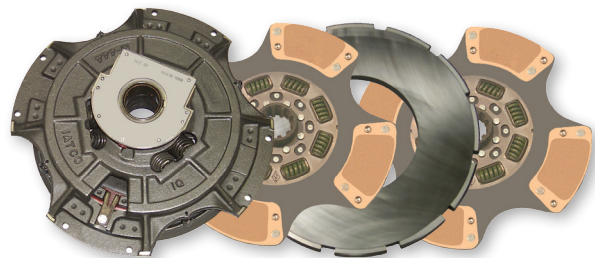
## SOFT PEDAL CLUTCH ASSEMBLIES

THE ASSEMBLIES BELOW ARE EQUIPPED WITH:

- Strap Drive For Smoother Transfer Of Energy
- 30% Less Bearing Load With Pedal Pressure Reduction
- Less Driver Fatigue & Improved Productivity
- Increased Cover Ventilation For Better Heat Dissipation
- State-Of-The-Art Diaphragm Spring Design
- Traditional Manual Adjustment
- Smoother Engagement, No Metal Wear To Cause Internal Friction

The Most Complete Line of New Clutches for Class 6, 7 & 8 Trucks Available in the Aftermarket

- Matched Unit Configurations to Fit Your Needs Up to the Highest Torque Rated Engine Models
- All Makes Coverage for North American Produced Class 6, 7 & 8 Vehicles
- 1 Year, 100,000 Mile Warranty



NEWSTAR #:	OEM #:	COVER ASSEMBLY:	ADJUSTMENT TYPE:	BEARING TYPE:	PLATE LOAD (LBS.):	TORQUE (FT/LBS.):	CARRIER STYLE:	FRICTION MATERIAL:	CERAMIC CONFIG:	SPRING #:	MIN. FLYWHEEL OPENING:
<b>14" X 1 3/4" SOFT PEDAL</b>											
S-E437	C108063-59	C160054-1	Manual	Greasable	3200	1150	4-Paddle	Ceramic	VSR	8	7"
<b>14" X 2" SOFT PEDAL</b>											
S-D574	C108050-59	C160051-1	Manual	Greasable	3200	1400	4-Paddle	Ceramic	VSR	8	7"
S-E439	C108950-59	C160051-1	Manual	Greasable	3200	1400	4-Paddle	Ceramic	VSR	8	7"
S-D575	C108034-61	C160051-1	Manual	Greasable	3200	1150	3-Paddle	Ceramic	VSR	8	7"
<b>15 1/2" X 2" SOFT PEDAL</b>											
S-E440	C108391-82	C152705-6	Manual	Greasable	4000	1350	Round	Organic	—	8	7"
S-C307	C108391-77	C152705-4	Manual	Greasable	3600	1250	Round	Organic	—	8	7"
S-C308	C108391-78	C152705-6	Manual	Greasable	4000	1400	Round	Organic	—	10	8.5"
S-C309	C108391-81	C152705-4	Manual	Greasable	3600	1450	4-Paddle	Ceramic	VSR	8	8.5"
S-C310	C108391-74	C152705-4	Manual	Greasable	3600	1650	4-Paddle	Ceramic	VSR	10	8.5"
S-E441	C108391-93	C152705-6	Manual	Greasable	4000	1810	6-Paddle	Ceramic	VSR	10	10"
S-13309	C108925-10	C151455-6	Manual	Greasable	4000	2050	4-Paddle	Ceramic	VSR	6	10"
S-C311	C108925-82 C208925-82	C151455-4	Manual	Greasable	3600	1700	4-Paddle	Ceramic	VSR	7	10"
S-E442	C108935-51	C151455-4	Manual	Greasable	3600	1700	6-Paddle	Ceramic	VSR	9	10"
S-C697	C108935-91 C208925-91	C151455-4	Manual	Greasable Dual Zerk	3600	1700	6-Paddle	Ceramic	VSR	9	10"
S-E443	C108935-94 C208925-94	C151455-6	Manual	Greasable Dual Zerk	4000	1850	6-Paddle	Ceramic	VSR	9	10"

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## HEAVY DUTY-EASY EFFORT CLUTCH ASSEMBLIES

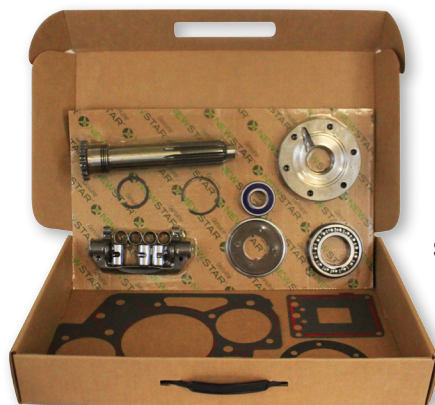
- Easy effort clutches follow the latest production design using coil spring technology
- Three assist springs serve to lower bearing load, lowering pedal effort
- Adjustment is through the reliable "Spring-a-Just" system

NEWSTAR #:	OEM #:	COVER ASSEMBLY:	ADJUSTMENT TYPE:	BEARING TYPE:	PLATE LOAD (LBS.):	TORQUE (FT/LBS.):	CARRIER STYLE:	FRICTION MATERIAL:	CERAMIC CONFIG:	SPRING #:	MIN. FLYWHEEL OPENING:
<b>14" X 1 3/4" EASY EFFORT</b>											
S-18594	108063-59	147800-4	Spring-a-Just	Greasable	3600	1000	Round	Organic		8	7"
S-18595	108063-59EE	147800-1	Spring-a-Just	Greasable	3200	1150	4-Paddle	Ceramic	VSR	8	7"
<b>14" X 2" EASY EFFORT</b>											
S-18598	108034-82EE	147890-4	Spring-a-Just	Greasable	3600	1100	Round	Organic		8	7"
S-18599	108050-59EE	147890-1	Spring-a-Just	Greasable	3200	1400	4-Paddle	Ceramic	VSR	8	7"
S-18600	108034-61EE	147890-1	Spring-a-Just	Greasable	3200	1150	3-Paddle	Ceramic	VSR	8	7"
S-18601	108950-59EE	147890-1	Spring-a-Just	Greasable	3200	1400	4-Paddle	Ceramic	VSR	8	7"
<b>15 1/2" X 1 3/4" EASY EFFORT</b>											
S-18602	108050-59EE	147890-1	Spring-a-Just	Greasable	3200	1400	4-Paddle	Ceramic	VSR	8	7"
<b>15 1/2" X 2" EASY EFFORT</b>											
S-18603	C108391-74EE	C157898-4	Spring-a-Just	Greasable	3600	1650	4-Paddle	Ceramic	VSR	10	8.5"
S-18604	C108391-77EE	C157898-4	Spring-a-Just	Greasable	3600	1250	Round	Organic		8	7"
S-18605	C108391-78EE	C157898-6	Spring-a-Just	Greasable	4000	1400	Round	Organic		10	8.5"
S-18606	C108391-81EE	C157898-4	Spring-a-Just	Greasable	3600	1450	4-Paddle	Ceramic	VSR	8	7"
S-18607	C108391-82EE	C157898-6	Spring-a-Just	Greasable	4000	1350	Round	Organic		8	7"
S-18609	C108391-93EE	C157898-6	Spring-a-Just	Greasable	4000	1810	6-Paddle	Ceramic	VSR	10	8.5"
S-21811	C108925-20EE 208925-20EE	C157898-6	Spring-a-Just	Greasable	4000	1860	6-Paddle	Ceramic	VSR	7	10"
S-18611	C108925-20EE 208925-25EE	C157898-6	Spring-a-Just	Greasable	4000	2050	6-Paddle	Ceramic	VSR	6	10"
S-21888	C108937-32EE	C157898-8	Spring-a-Just	Greasable	4200	2250	6-Paddle	Ceramic	VSR	6	10"
S-18612	C108925-70EE 208925-70EE	C157898-6	Spring-a-Just	Greasable	4000	1750	6-Paddle	Ceramic	VSR	7	10"
S-18613	C108925-82EE 208925-82EE	C157898-4	Spring-a-Just	Greasable	3600	1700	4-Paddle	Ceramic	VSR	7	10"
S-18614	C108935-26EE 208925-25EE	C157898-6	Spring-a-Just	Greasable Dual Zerk	4000	1700	6-Paddle	Ceramic	VSR	6	10"
S-18615	C108935-51EE 208925-51EE	C157898-4	Spring-a-Just	Greasable Dual Zerk	3600	1700	4-Paddle	Ceramic	VSR	9	10"
S-18616	C108935-82EE 208925-82EE	C157898-4	Spring-a-Just	Greasable Dual Zerk	3600	1700	4-Paddle	Ceramic	VSR	7	10"
S-18617	C108935-91EE 208925-91EE	C157898-4	Spring-a-Just	Greasable Dual Zerk	3600	1700	6-Paddle	Ceramic	VSR	9	10"
S-18618	C108935-94EE 208925-94EE	C157898-6	Spring-a-Just	Greasable Dual Zerk	4000	1850	6-Paddle	Ceramic	VSR	9	10"
S-E420	107935-E2EE	C150649-4-M	Spring-a-Just	Greasable	3600	1700	4-Paddle	Ceramic	VSR	7	10"
S-21740	C108935-15	C150699-4-M	Spring-a-Just	Greasable Dual Zerk		2050	6-Paddle	Ceramic	VSR		10"

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## CLUTCH INSTALLATION KITS

DRIVETRAIN



S-9971

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-9971	FUL K-2468	Clutch Installation Kit	Works w/ Fuller Heavy Duty Applications w/ 2" Clutch

**CONSISTS OF:**

NEWSTAR #:	REPLACES #:	DESCRIPTION:
S-15330	—	Gasket Set
S-5761	12815	Bushing
S-4596	14750	Snap Ring
S-9063	16980	Snap Ring
S-4312	20550	Retainer
S-16421	5566505	Pilot Bearing
S-A018	81504	Cylindrical Bearing
S-7440	85533	Clutch Fork
S-B039	85535	Torque Limiting Brake
S-5501	8677	Bushing
S-6519	S-1659	Input Shaft Assembly

**CLUTCH INSTALLATION KIT FEATURES:**

New kits now available for Fuller FR series. Also contains Mack application pilot bearing  
 New idle shaft design engineered to eliminate idle gear rattle  
 Latest design shift tower & clutch housing gaskets - includes beaded surface to eliminate leak paths  
 Includes latest design front bearing cover engineered for smoother clutch brake  
 Surface w/ oil return grooves on the input shaft for maximum lube retention  
 Many kits contain long life flywheel pilot bearing w/ high temperature grease & viton seals to resist the temperatures of today's hotter running engines  
 Some kits include the cross shaft bushings for improved throw-out bearing life, smoother shifting, easier operation & protection against costly clutch housing repairs or replacements

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## CLUTCH INSTALLATION KITS



S-15476

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-15476	K-3600	Clutch Installation Kit	Works w/ Fuller FR Heavy Duty Transmissions w/ 2" Clutch
<b>CONSISTS OF:</b>			
NEWSTAR #:	REPLACES #:	DESCRIPTION:	
S-13912	14311	Gasket	
S-E330	4304815	Gasket	
S-5761	12815	Bushing	
S-A726	4303431	Gasket w/Silicone	
S-9063	16980	Snap Ring	
S-13948	4303362	Snap Ring	
S-11966	4301417	Cylindrical Bearing	
S-4312	20550	Retainer	
S-16421	5566505	Pilot Bearing	
S-7440	85533	Clutch Fork	
S-B039	85535	Torque Limiting Brake	
S-E911	S-2822	Input Shaft	

## ADDITIONAL DRIVETRAIN COMPONENTS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-23013	994346	Seal Kit	Works w/ all DriveMaster® Fan Clutches
S-17180	1657064C91	Oil Seal Kit	9072, 1372A, B, PS125, 140-7, PS97-7, PS9 & 10



NEWSTAR #:	REPLACES #:	DESCRIPTION:
S-21611	1830858C1	Liquid Gasket



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22012	2591985C91	Axle Shaft Mounting Kit	4000 Series Medium Duty 7000 Series Severe Duty 9000 Series Premium Conventionals 3000, 3800, FE300, RE300, CE200 & 300 School Bus Series Includes NL112-1 (3620312C1)



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## RADIATORS

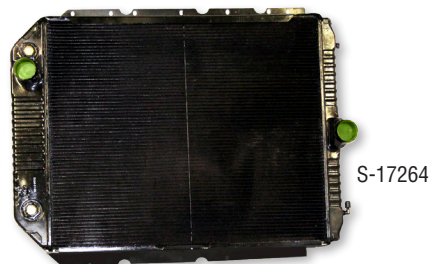
NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-23036</b>	1102254 VAB1050166 VAB1102254	UPS/Fedex Step Vans, Workhorse & Multiple Thomas School Bus Models Core Dimensions: 27 7/16" X 25 1/8" X 2 1/16" Inlet/Outlet: 2.0/2.0



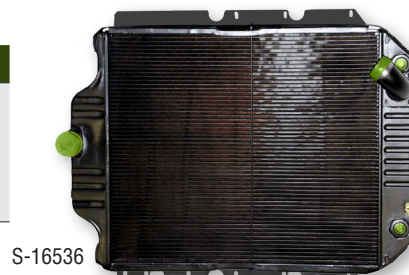
NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-23033</b>	1102431AS VAB1102431 1003671	Thomas School Bus Models Core Dimensions: 29 5/8" X 25 9/16" X 2 1/16" Inlet/Outlet: 2.0/2.0



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-17264</b>	1668901C91	1600, 1700, 4600 & 4900 Series Medium Duty (1978-1993) Core Dimensions: 31" x 26" x 2.5" Inlet/Outlet: 2.5/2.5 Copper Brass w/ Oil Cooler



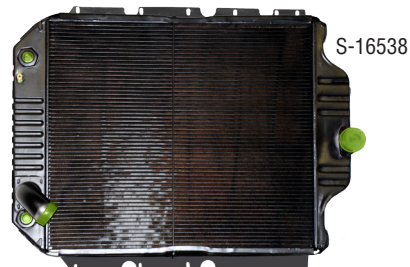
NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-16536</b>	1697273C1	3800 & 4700 Series Medium Duty (1997-2001) 4900 Series w/ DT466 or Cummins C10 Engine Models Core Dimensions: 31" x 12.75" x 2.5" Inlet/Outlet: 2.5/2.5 Copper Brass



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-20474</b>	1697743C2	3800 & 4900 Series Medium Duty (1993-1996) Core Dimensions: 31" x 12 3/4" x 2 1/16" Inlet/Outlet: 2.5/2.5



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-16538</b>	2000985C91	4700, 4900 & 8000 Series Medium Duty (1978-2002) Core Dimensions: 29.75" x 26" x 2.5" Inlet/Outlet: 2.5/2.5 Copper Brass w/ Oil Cooler




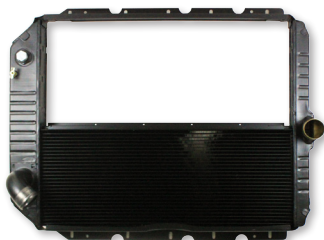
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## RADIATORS




S-20465

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-20465	2500917C91	3800 & 4900 School Bus Series (1994-2002)  Core Dimensions: 31" x 12.75" x 2.5" Inlet/Outlet: 2.5/2.5 Copper Brass w/ Oil Cooler



S-16535

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-16535	2502718C1	3000, 3600, 3800 School Bus Series (2000-2002)  Core Dimensions: 31" x 12.75" x 2.25" Inlet/Outlet: 2.25/2.25 Copper Brass



S-20472

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-20472	2504903C91	3000 & 4000 Series Medium Duty (2002-2007) Ford F650, F700 & F750 Models (2004-2007) Core Dimensions: 20.625" x 25" x 2.25" Inlet/Outlet: 2.25/2.25 Plastic Aluminum w/ Oil Cooler




S-22642

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-22642	2504905C92	4100-4400 Series Medium Duty Core Dimensions: 20 <sup>5</sup> / <sub>8</sub> " x 25" x 1 <sup>3</sup> / <sub>4</sub> " Inlet/Outlet: 2.5/2.5 Plastic & Aluminum



S-20062

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-20062	2505157C1	4700 Series Medium Duty 3300 School Bus Series  Core Dimensions: 27" x 13 <sup>1</sup> / <sub>8</sub> " x 2 <sup>1</sup> / <sub>16</sub> " Inlet/Outlet: 2.5/2.25 Plastic & Aluminum

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## RADIATORS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-16537</b>	2505159C91	3000, 3600, 3800, 4100, 4400, 7300 & 7700 Series Medium Duty Core Dimensions: 30.625" x 13.125" x 2.5" Inlet/Outlet: 2.5/2.5 Copper Brass w/ Oil Cooler



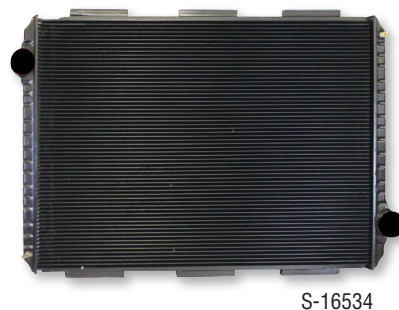
NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-20737</b>	2508454C91	Multiple Series Heavy Duty Core Dimensions: 33 5/8" x 28 1/8" x 2 1/16" Inlet/Outlet: 2.5/2.5 Plastic & Aluminum



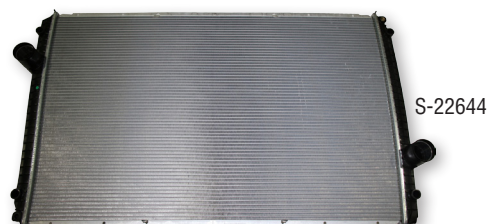
NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-22643</b>	2509895C2	5500-5600 Series Conventionals Core Dimensions: 29 3/8" x 32 1/8" x 2 3/16" Inlet/Outlet: 2.5/2.5 Plastic & Aluminum



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-16534</b>	2585978C91	2000, 2500, 2600, 5000, 5500, 5500I, 5600, 5600I, 5900, 5900I, 7300, 7700, 8200, 8300, 9100-9400 & 9900 Series (1993-2006) Core Dimensions: 41" x 28" x 2.2" Inlet/Outlet: 2.5/2.5 Plastic & Aluminum

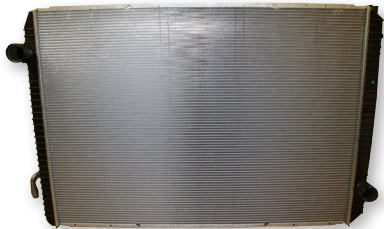


NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-22644</b>	2591559C91	7600 & 7700 Series Core Dimensions: 40 3/16" x 26 3/16" x 1 7/8" Inlet/Outlet: 2.5/2.5 Plastic & Aluminum




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## RADIATORS




S-22645

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-22645	2592331C91	7600 & 7700 Series Core Dimensions: 50" x 33 1/2" x 2 1/4" Inlet/Outlet: 2.5/2.5 Plastic & Aluminum

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-23044	2593-295-C91 2593-294-C91 2593-303-C91	4100-4400 Series Medium Duty (2008-2011) BE200, CE200 & 300 School Bus Series (2008-2010)  Core Dimensions : 28 3/4" X 26 1/4" X 2 1/4" Inlet/Outlet: 2.25/2.25

S-20473



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-20473	3527216C91	3000, 3600 & 3800 School Bus Series (2000-2002)  Core Dimensions: 31" x 12.75" x 2.25" Inlet/Outlet: 2.25/2.25 Copper Brass w/ Oil Cooler




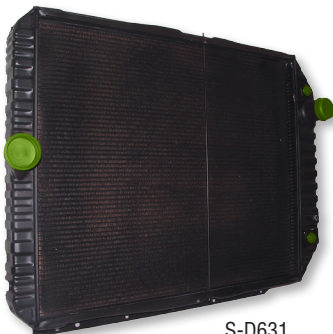
S-D629

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-D629	493349C2	1600, 1700, 4600 & 4900 Series Medium Duty (1978-1995) Core Dimensions: 31" x 26" x 2.5" Inlet/Outlet: 2.5/2.5 Copper Brass



S-D630

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-D630	493359C2	1600 & S2100 School Bus Series (1975 -1985)  Core Dimensions: 31" x 25.375" x 2.5" Inlet/Outlet: 2.5/2.5 Copper Brass




S-D631

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-D631	493367C1	2300, 3000, 3600, 3800 & 4000 Series Medium Duty Core Dimensions: 31" x 26.25" x 2.5" Inlet/Outlet: 2.5/2.5 Copper Brass w/ Oil Cooler

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## RADIATOR COMPONENTS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21185</b>	503401C2	Radiator Mount	3000, RE & Amtram School Bus Series  5000, 5500I, 5600I & 5900I Severe Duty Conventionals 9100, 9200, 9400, 9800 & 9900 Series Premium Conventionals




NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-6031</b>	506017C1 2504714C1	Radiator Cap	4000 & S Series Medium Duty DT360 Engine Models w/ Auto. Trans. Pressure Rating: 10 lbs



## CHARGE AIR COOLERS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:	MATING COMPONENTS
<b>S-19886</b>	1646077C1 NV8A 6-1131 1E 3486 1E3488G	3000154C1 17V9701 4401-3504 441187	3000 & 4000 Series Medium Duty Core Dimensions: 23.06" x 29.69" x 1.63" Inlet/Outlet: 3.5/3.5



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:	MATING COMPONENTS
<b>S-19957</b>	1696920C1 1659054C1 1659055C1 1696955C1 1696956C1 9107001 1030035	3000, 4000, Class 6 & S Series Core Dimensions: 22.82" x 12.56" x 2.76" Inlet/Outlet: 3.0/3.0	 <b>CLAMP</b> (S-20530) Replaces: 2312201250



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-19951</b>	1696958C1 2002583C1 1E3738	5000 Series w/ Cat 3406 or Detroit Diesel 60 Series Core Dimensions: 27" x 19.46" x 2.76" Inlet/Outlet: 4.0"/4.0"

### MATING COMPONENTS



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## CHARGE AIR COOLERS



S-19952



S-19929



S-21742



S-19953

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-19952</b>	2004399C1 2005432C1 1E3594 1E3595 1E3595G 1698844C1 1E4151	8200 & 9400 Heavy Duty Series Core Dimensions: 41 1/4" x 24 11/16" x 1 5/8" Inlet/Outlet: 4.0/4.0
<b>S-19929</b>	2508432C1 2587235C1 00637606	9200I Eagle Models Core Dimensions: 41.25" x 24.68" x 1.63" Inlet/Outlet: 4.0/4.0
<b>S-21742</b>	2596587C91 2591600C91	9200, 9400, 9900 & Prostar Linehaul Models Core Dimensions: 39 5/8" x 3 3/4" x 11 1/5" Inlet/Outlet: 4.0/4.0
<b>S-19953</b>	1651980C1 1674003C1 1685578C1 1001921 1030055	9300, 9670, 9700 Blue Bird or Spartan Models w/ Cat 3406 or Cummins N14 Engine Models Core Dimensions: 27.00" x 19.46" x 2.76" Inlet/Outlet: 4.0/4.0

### MATING COMPONENTS

	<b>HOSE</b> (S-21358) Replaces: FRE 1020-00001		<b>HOSE</b> (S-16104) Replaces: 673866C1 2014134C2		<b>CLAMP</b> (S-9414) Replaces: 1674053C1
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NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-23793</b>	2604-296-C	Prostar Linehaul Conventionals Core Dimensions : 36 7/16" X 20 5/16" X 2" Inlet/Outlet: 4.0/3.0

## TURBO CHARGERS



S-20995



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-20995</b>	3804502	Cummins N14 Engine Models

## TURBO HOSES



S-21358






S-16104

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-21358</b>	FRE 1020-00001	Multiple School Bus Applications  Dimensions: 4" x 6 1/2" Cold Air Return
<b>S-16104</b>	1673866C1 2014134C2	Multiple School Bus Applications  Detroit 60, Cat3406 & Cummins M11 Engine Models Dimensions: 4" x 7" Warm Air Return


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### TURBO CLAMPS



NEWSTAR #:	REPLACES #:	DIMENSIONS:	APPLICATION:
S-4675	338614C1	ID: 3 1/2"	Multiple School Bus Applications 
S-9414	1674053C1	ID: 4 1/8"-4 7/16"	Multiple School Bus Applications 
S-5222	1672105C91 3586939C1	ID: 5"	Multiple School Bus Applications 
S-7537	ZFS89533K	ID: 4"	Multiple School Bus Applications 
S-22013	1824400C1	—	4100 & 4200 Series Medium Duty 3000, 3300, 3600, 3800 Models Amtran, BE, CE, RE200 & 300 School Bus Series 
S-21725	3519061C1	ID: 2 1/2"	2500 & 2600 Heavy Duty Models

### OIL COOLERS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-20069	1815904C2	DT466 (1994-2003) & T444E (1995-2003) Engine Models FE, IC, RE, 3000, 3600 & 3800 School Bus Series (May 1997 & Up)  4000 Series Medium Duty 5000 Series Severe Duty



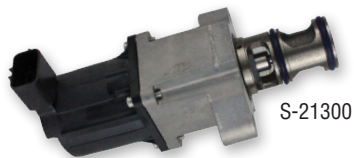
### EGR COOLERS



NEWSTAR #:	REPLACES #:	REPLACEMENT FOR BEHR #	REPLACEMENT FOR CUMMINS #	PRODUCT INFORMATION:
S-23049	4089380NX	376905-031	—	Cummins ISM (2007-2009) & ISM 10.8 Engine Models Multiple Applications (2002-2006) ID: 1.4" Includes Install Kit S-22741
S-23050	4956008NX	376905-041	3683253 3683435 4952490 2869133 2878071	Cummins ISX Engine Models (2002-2006) Cummins ISX 15.0 Engine Models Multiple Applications (2003-2006) ID: 1.4"

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## EGR COMPONENTS



S-21300

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21300</b>	1846296C91	EGR Valve	VT365 Engine Models (2004-2006) 4100 & 4200 Series Medium Duty BE200, CE200, 300 & RE300 School Bus Series 

## SURGE TANKS



S-4896



S-7890



S-8997



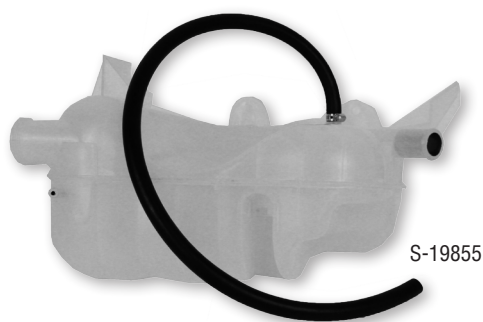
S-21945

NEWSTAR #	REPLACES #:	PRODUCT INFORMATION:
<b>S-4986</b>	586531C3	1600-1900 & 2100 Series Medium Duty
<b>S-8997</b>	1619114C5	Multiple Medium Duty Applications w/o Drain Port in Back
<b>S-7890</b>	1661919C5	Late Model S Series w/o Drain Port
<b>S-21945</b>	2508700C93	5500, 5600 & 5900 Series Severe Duty Conventionals 9200, 9400 & 9900 Series Premium Conventionals Includes 2 Sight Glasses
<b>S-21566</b>	2591625C2	5000, 5500I, 5600I & 5900I Series Severe Duty 9100, 9200, 9400 & 9900 Premium Conventionals

### MATING COMPONENTS



**CAP**  
(S-7625)  
130704R1  
530874R1



S-19855

NEWSTAR #	REPLACES #:	PRODUCT INFORMATION:
<b>S-19855</b>	2602935C91	BE200, CE200 & 300 School Bus Series  4100-4400 Series Medium Duty

### MATING COMPONENTS



**CAP**  
(S-19039)  
3578833C3

## SURGE TANK CAPS





S-7625



S-19039










S-C118

NEWSTAR #	REPLACES #:	PRODUCT INFORMATION:
<b>S-7625</b>	130704R1 530874R1	4000 & S Series Medium Duty DT360 Engine Models w/ Auto. Trans. Pressure Rating: 10 lbs
<b>S-19039</b>	3578833C3	Multiple School Bus Series  15 PSI
<b>S-C118</b>	2039390C1	4100-4400 Series Medium Duty 3000, CE200 & 300 School Bus Series 

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## PREFORMED EXHAUST CLAMPS

NEWSTAR #:	REPLACES #:	ID:	PRODUCT INFORMATION:
S-22680	EC30PLA-R	3"	4000 Series Medium Duty Aluminized
S-22681	EC35PLA-R	3 1/2"	4000 Series Medium Duty 3000 Series School Bus Aluminized
S-22682	EC35PLS-R	3 1/2"	4000 Series Medium Duty 3000 Series School Bus Stainless Steel 
S-22683	EC40PLA-R	4"	4000 Series Medium Duty 9000 Series Premium Conventional & Cabover Models Amtram School Bus Series 
S-22684	EC40PLS-R	4"	4000 Series Medium Duty 9000 Series Premium Conventional & Cabover Models Amtram School Bus Series 
S-22685	EC50PLA-R	5"	5000 Series Severe Duty Models 9000 Series Premium Cabover & Conventional Models Aluminized
S-22686	EC50PLS-R	5"	9700 & 9800 Series Premium Cabovers Stainless Steel
S-C110	EC35PLA	3 1/2"	3000 School Bus Series  4000 Series Medium Duty Aluminized
S-8476	EC40PLA FLT40PLA ZFS90356A 583978C91	4"	3000 School Bus Series  4000 Series Medium Duty 9000 Series Premium Cabovers Aluminized
S-D424	EC40PLS	4"	3000 School Bus Series  4000 Series Medium Duty 9000 Series Premium Cabovers Aluminized
S-7687	EC50PLA FLT50PLA XH90358A 583979C91	5"	5000 Series Severe Duty 9000 Series Premium Cabovers Aluminized
S-A999	EC50PLS FRT50PLS ZF590358A	5"	9600 & 9700 Series Premium Cabovers Aluminized
S-21952	3557858C1	—	3000 & RE300 School Bus Series  7000 Series Severe Duty 9200, 9400 & 9900 Series Premium Conventionals Prostar Linehaul Conventionals
S-B339	EC30PLS	3"	Works w/ Exhaust Pipe Stainless Steel

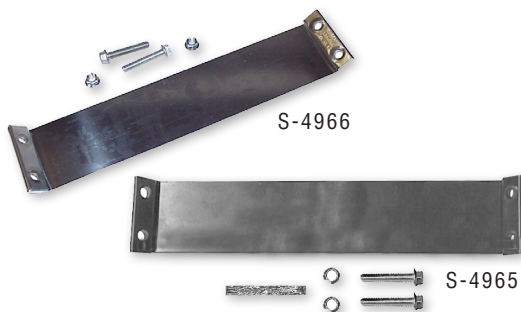


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ENGINE















## FLAT BAND JOINT CLAMPS







NEWSTAR #:	REPLACES #:	DIMENSIONS:	APPLICATION:
<b>S-4965</b>	EC40EST 549558C91 ZF589527B	4"	2000 Series Medium & Heavy Duty Stainless Steel
<b>S-4966</b>	EC50EST 549559C91 FLTA50AF ZFS89528B	5"	2000 Series Medium & Heavy Duty Stainless Steel

## ADDITIONAL CLAMPS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	ID:	APPLICATION:	
 S-9414	<b>S-D967</b>	554318C1 XH89548K	U-Bolt Clamp	4"	4000 & 9000 Series Medium Duty
 S-4333	<b>S-4333</b>	554319C1	U-Bolt Clamp	5"	4000 Series Medium Duty 5000 Series Severe Duty 9000 Series Premium
 S-20705	<b>S-A862</b>	XH89549K XH89549K	U-Bolt Clamp	5"	8000 Series Heavy Duty 9800 Premium Models
 S-4333	<b>S-20705</b>	2033978C 2031661C1	V-Band Clamp	3"	3000, 3600, 3800 School Bus Series (May 1997 & Up)  3400 & 3700 School Bus Series (May 1997 & Before)  Amtran RE School Bus Series (Nov 1999 & Before)  4000 Series Medium Duty T444E Engine Models
 S-20705	<b>S-22009</b>	1517672C91	Hose Clamp	4" - 4 1/2"	5000 Series Severe Duty 9000 Series Premium Conventional Prostar Linehaul Conventional Models
 S-20705	<b>S-22010</b>	1616029C1	Hose Clamp	2 1/4" - 3 1/2"	4000 Series Medium Duty 9000 Series Premium Conventionals 3000, Amtran, BE200, CE200, 300 FE300 & RE300 School Bus Series 
 S-20705	<b>S-23256</b>	3553803C2	Clamp	4"	4100, 4300, 4400 & 4700 Series Medium Duty 3000, 3800, BE200, CE200, 300 & FE300 School Bus Series 

## MUFFLER COMPONENTS



NEWSTAR #:	REPLACES #:	DESCRIPTION:	APPLICATION:
<b>S-18484</b>	1660540C91	Muffler Clamp	1000, 4000 & 7000 Medium Duty Series 3000 School Bus Series (May 1997 & Before)  3800 School Bus Series (May 1997 & Up) 
<b>S-13490</b>	2018471C1	Exhaust Muffler	3000 FE, IC School Bus Series  3400, 3600-3800 School Bus (May 1997 & Before)  DT360 & 466E Engine Models Inlet/Outlet: 3.5/4.0

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## FAN CLUTCHES & BELTS

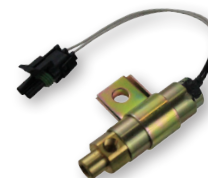
ENGINE



**FAN BELT**  
S-9731



**FAN BELT**  
S-7664



**FAN CLUTCH SOLENOID VALVE**  
S-9084

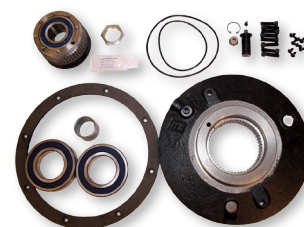


**FAN CLUTCH**  
S-14677


**FAN CLUTCH REBUILD KIT**  
S-14513






**FAN CLUTCH REBUILD KIT**  
S-14676

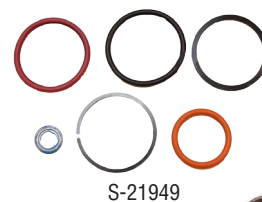


**FAN CLUTCH REBUILD KIT**  
S-14030

NEWSTAR #:	REPLACES #:	DESCRIPTION:	DIMENSIONS:	APPLICATION:
S-14699	38713RA	Fan Clutch Rebuild Kit	—	K22R Engine Models
S-14513	ZBH994205	Fan Clutch Rebuild Kit	—	KYSOR K22RA Engine Models
S-14030	ZBH994305	Fan Clutch Rebuild Kit	9.5"	HTS Engine Models
S-14676	ZBH994307	Fan Clutch Rebuild Kit	7.5"	HTS Engine Models
S-14677	2509380C91 2501022C91 2602141C91	Fan Clutch	—	KYSOR K22RA Engine Models
S-9731	2012260C1	Fan Belt	63 1/2"	—
S-7664	11175C91 L17446	Fan Belt	4 39/64"	—
S-9084	1689785C91 1692761C91	Fan Clutch Solenoid Valve	—	4000 Series Medium Duty 5000 Series Severe Duty 9000 Series Premium Conventionals & Cabovers 3000 School Bus Series 

## INJECTOR SEAL KITS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-18777	1833564C92	4000 Series Medium Duty 3000, FE, TC & RE (Nov 1999 & Up) 3400-3900, CE200, CE300 & Amtran School Bus Series  T444E Engine Models
S-22011	1842624C91	4300 & 4400 Series Medium Duty 7000 Series Severe Duty CE200, 300, FE300 & RE300 School Bus Series 
S-21949	1830742C92	DT466E & T444E Engine Models CE200, 300, 3000 & 3800 School Bus Series  4000 Series Medium Duty 7000 Series Severe Duty



S-21949



S-22011

S-18777

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## O-RINGS, SEALS & GASKETS



S-19402







S-20517



S-21312



S-19848



NEWSTAR #:	REPLACES #:	DESCRIPTION:	APPLICATION:
S-19848	464751C1	Fuel Sender Gasket	Used w/ All Stewart Warner Design Fuel Senders 3000FE, FE300, Amtran School Bus Series 
S-19402	1807563C1	Oil Cooler O-Ring	2000-5000 Series w/ DT466 Engine Models 3400, 3600-3900 School Bus Series w/ DT466 Engine Models 
S-20517	1817867C93	Rear Engine Seal	FE, IC, RE, 3000 School Bus Series w/ DT466 Engine Models 
S-21312	1822135C1	Breather O-Ring	3400, 3600-3800 School Bus Series w/ Flat Back Cowls  4300, 4400, 4500, 4600 & 4700 Series Medium Duty



S-22706




S-20656

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-20656	1826703C1	Valve Cover Gasket	3000, 3600 & 3800 School Bus Series  4700 Series Medium Duty T44E Engine Models
S-22706	1842380C91	Valve Cover Gasket	4300 & 4400 Series Medium Duty CE200/300 & FE, RE300 School Bus Series  DT466E Engine Models

## ENGINE VALVES & COMPONENTS






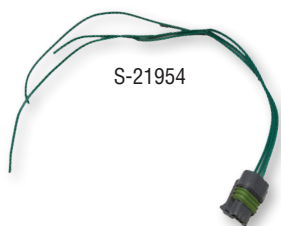
S-21726

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-21726	1813892C1	Valve Lifter Guide	2500 & 2600 Series Medium Duty 5000 Series Severe Duty 4000, CE200, 300, 3000, 3400 & 3600-3800 School Bus w/ DT466 Engine Models 



S-17343

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-17343	1841217C91	IPR Valve	Amtran CE200/300 School Bus Series  3000FE, IC, RE School Bus Series (Nov. 1999 & Up)  3600 & 3800 School Bus Series (May 1997 & Up)  DT444E, I530E & 7.3L Engine Models




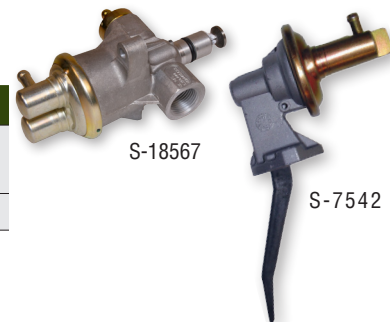
S-21954


NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-21954	2501107C1	IPR Pigtail	CE200, 300 & RE300 School Bus Series  4300 & 4400 Series Medium Duty DT466 Engine Models

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## FUEL PUMPS & COMPONENTS

NEWSTAR #	REPLACES #:	DESCRIPTION:	APPLICATION:
<b>S-18567</b>	1824415C93	Fuel Pump	3000 School Bus Series  DT466E & T444E Engine Models
<b>S-7542</b>	1804495C93	Fuel Pump	6.9 & 7.3L Engine Models



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-23094</b>	1876108C91	Fuel Pump Kit	DT466E/530E Engine Models 4300, 4400, 4900 Series Medium Duty CE200, 300, FE, RE300 School Bus Series  7300-7600 Series Severe Duty




NEWSTAR #	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21018</b>	1824946C1	Hand Primer	2500 & 2600 Heavy Duty Models 4300-4900 Series Medium Duty 5000, 5500I & 5600I Series Severe Duty 3000, FE, IC, RE, CE200 & 300 School Bus Series  3600 & 3800 School Bus Series (May 1997 & Up) 



NEWSTAR #	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21070</b>	1825473C93	Primer Kit	DT466 & DT360 Engine Models 3000 School Bus Series  Includes S-21018 & Mating Brass Cone



## FILTERS

NEWSTAR #	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-20654</b>	3532799C1	Air Filter	4100-4400 Series Medium Duty 7300-7500 Series Severe Duty BBE200, CE200, 300, 3200 & 3300 School Bus Series 



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**FILTERS**



S-21372

NEWSTAR #	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21372</b>	FS19624	Fuel Filter	Detroit 60 Engine Models



SSWF2077

SSFS1000

NEWSTAR #:	REPLACES #:
<b>SSAF1968M</b>	AF1968M
<b>SSAF25139M</b>	AF25139M
<b>SSLF689</b>	LF689
<b>SSFF5052</b>	FF5052
<b>SSFS1000</b>	FS1000
<b>SSFS1212</b>	FS1212
<b>SSLF3620</b>	LF3620
<b>SSLF3970</b>	LF3970
<b>SSLFP9000</b>	LF9000
<b>SSWF2071</b>	WF2071
<b>SSWF2072</b>	WF2072
<b>SSWF2074</b>	WF2074
<b>SSWF2077</b>	WF2077

**OIL CAPS**



NEWSTAR #	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-4673</b>	336079R91	Oil Filler Cap	Cargostar, 9670 & S Series Dimensions: 1 1/4"



S-5328

NEWSTAR #	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-5328</b>	379318C1	Oil Cap	MU404 & 446 Engine Models




## WATERPUMPS

### FEATURES OF THE PUMPS BELOW:

- New No Core Charge



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-4293</b>	685155C94 WP181091 735327C91	DT466A & DT466B Engine Models
<b>S-19612</b>	4089910	ISX Engine Models w/ 12 Rib Pulley
<b>S-14694</b>	3803403	L10 Engine Models M11 Engine Models, 3 Bolt Design
<b>S-D893</b>	3803605	N14 Engine Models
<b>S-E803</b>	1815538C91 WP181366	DT466C Engine Models
<b>S-B473</b>	1817687C96 1830606C93	DT408P, DT466P, DT466E, 1530P & 1530G Engine Models
<b>S-13248</b>	1831676C92 ZWP181693	T444E Engine Models
<b>S-17036</b>	1842664C92 WP181911	DT466E Engine Models (2005 & Up) 530E Engine Models 3000, 3200, 3300, CE200, CE300 & FE300 School Bus Series 
<b>S-22864</b>	1845002C91	Vt365 Engine Models 4100 & 4200 Series Medium Duty BE200, CE200, 300 & RE300 School Buse Series



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## MOUNTS

### COMPLEMENTARY COMPONENTS

**REAR ENGINE MOUNT**  
S-20818



**REAR ENGINE MOUNT**  
S-20215

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-20818</b>	1664730C7	5500I, 5600I & 5900I Series Severe Duty 9200, 9400 & 9900 Series Premiums Prostar Linehaul Conventionals
<b>S-20215</b>	1664729C7	7600, 7700, 5500I, 5600I & 5900I Series Severe Duty 9200, 9400 & 9900 Series Premiums Prostar Linehaul Conventionals



S-3938



S-3777



S-2731




S-D905



S-D906



S-2595

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-2595</b>	80445R1	4000, 8000 & 9000 Series
<b>S-3780</b>	200106R1	3000 School Bus Series  4000 Series Medium Duty & 9000 Series Premium Conventionals
<b>S-2888</b>	286324C2	DT466 & CAT 3208 Engine Models Paystar Models
<b>S-2729</b>	470031C2	CAT 3406, Cummins NTC & Detroit Diesel 6V92 & 6L71 Engine Models 1600 & 2200 Series 4000 Series Medium Duty & 9000 Series
<b>S-3938</b>	503579C1	8000 Series Heavy Tractors 9000 Series Premium Conventionals & Cabovers
<b>S-3777</b>	583955C1 479237C1	CAT 3406, 34081, Detroit Diesel 6V92 & 8V92, Cummins L10 & NTC Engine Models 5000 Series Severe Duty & 9000 Series
<b>S-2731</b>	753997C93	CAT 3306, 3406, Detroit Diesel 8V71, 8V92, 6V92, 8V71 & Cummins NTC Engine Models 5000 & 9000 Series
<b>S-D905</b>	1664723C3	3000, 4000, 8000 & 9000 Series
<b>S-D906</b>	1664726C2	3000, 4000, 8000 & 9000 Series

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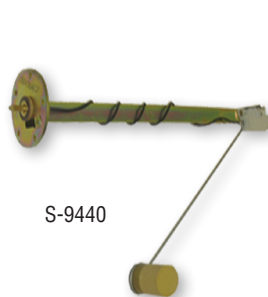
## CABLES



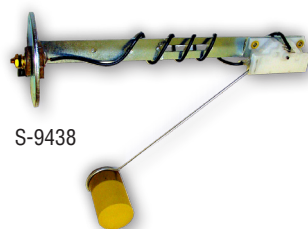
S-6034

NEWSTAR #:	REPLACES #:	DESCRIPTION:	APPLICATION:
S-6034	475173C4 475177C3	Accelerator Cable	S Series
S-C396	475174C5	Accelerator Cable	S Series
S-4799	477854C91	Accelerator Cable	Loadstar & Fleetstar Models
S-8327	488499C2 1694880C91	Accelerator Cable	S Series Medium Duty
S-4117	549841C91	Battery Cable	2000 Series Medium Duty (1981-1988)
S-9767	1694952C91	Modulator Cable	4000 & 8000 Series
S-A638	2010529C91	Accelerator Cable	4000 Series

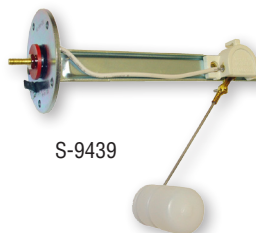
## FUEL SENDERS



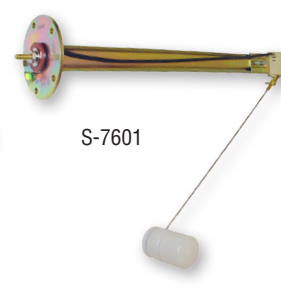
S-9440




S-9438



S-9439



S-7601

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-9438	476846C2	8000 & Heavy Duty S Series
S-9439	497840C96	3000FE, IC, RE & 3800 & Amtran School Bus Series 
S-7601	508999C2	9370 & 9670 Models
S-9440	1684364C7	8000 Series

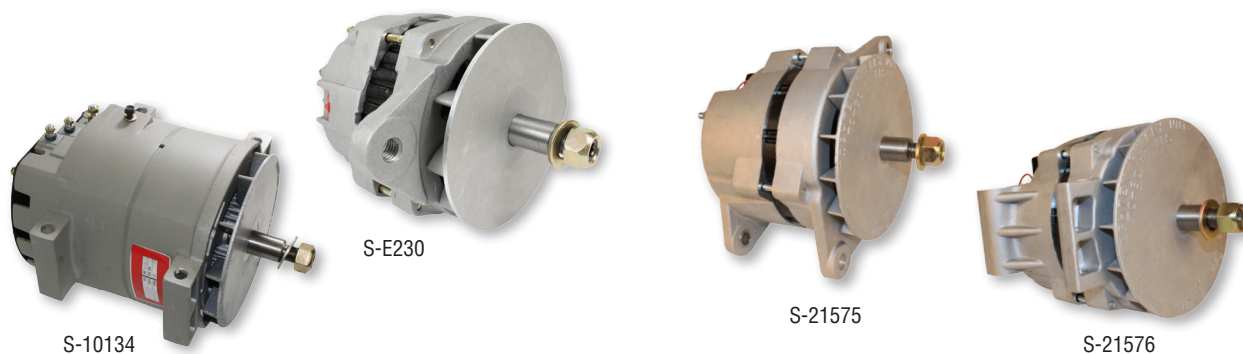
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## STARTERS




NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-E225	1990379	12 T Pinion 12 Volt
S-E226	1990483	11 T Pinion 12 Volt
S-16660	10461075 1990428	w/ Over Crank Protection
<b>NEW NO CORE CHARGE</b>		

## ALTERNATORS



NEWSTAR #:	REPLACES:	DIMENSIONS:	PRODUCT FEATURES:
S-10134	19011176 3540035C91	—	34SI 135 Amp 12 Volt Pad Mount
S-E230	19020302	—	22SI 145 Amp 12 Volt <sup>5</sup> / <sub>16</sub> B+ Term.
S-E232	19020306	—	22SI 145 Amp 12 Volt <sup>1</sup> / <sub>4</sub> B+ Term.
S-21575	110-555HD 8LHA2070VB	<sup>5</sup> / <sub>16</sub> "-24 NF Positive Stud Size <sup>1</sup> / <sub>4</sub> "-28 NF Negative Stud Size <sup>7</sup> / <sub>8</sub> " Shaft Diameter	SAE J-180 Swing Mount 140 Amp 12 Volt External Fan CW
S-21576	110-555P 8LHP2170P	<sup>5</sup> / <sub>16</sub> "-24 NF Positive Stud Size <sup>1</sup> / <sub>4</sub> "-28 NF Negative Stud Size <sup>7</sup> / <sub>8</sub> " Shaft Diameter	140 Amp 12 Volt Pad Mount External Fan CW
S-15369	19020388	—	22SI Pad Mount
<b>NEW NO CORE CHARGE</b>			

## ALTERNATORS COMPONENTS

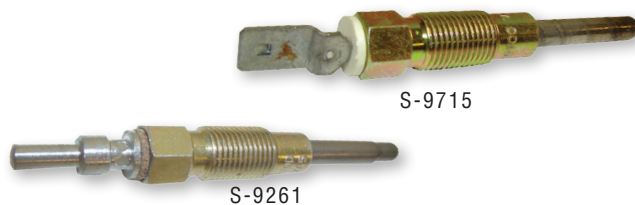
NEWSTAR #:	REPLACES:	DESCRIPTION:	PRODUCT FEATURES:
S-21946	3539918C1	Alternator Pulley	4700 Series Medium Duty (1997 & Up) 3000, IC, RE, 3800 & Amtran School Bus Series 




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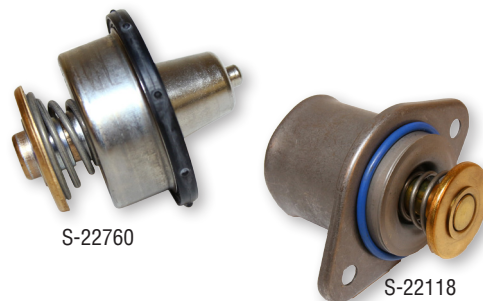
## GLOW PLUGS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-9715	1804211C2	6.9 Liter Engine Models
S-9261	1807917C1 1819649C1	7.3 Liter Engine Models



## THERMOSTATS


NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-22118	1830-256-C93	DT466E Engine Models 3000 & CE200/300 School Bus Series  4000 Series Medium Duty 5000 & 7000 Series Severe Duty 190°
S-22760	1842-130-C3	Ce200, 300, Fe, Re300 4300 & 4400 Series Medium Duty 7300-7500 Series Severe Duty DT466E Engine Models




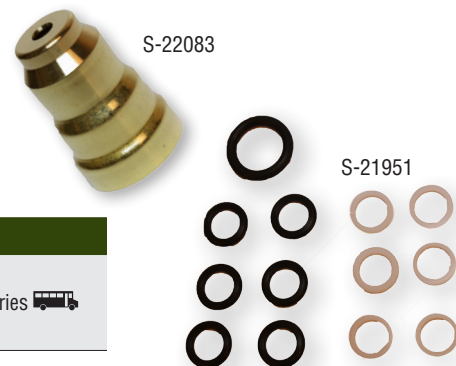
## HARNESSES & COMPONENTS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-23394	1830844C93	Harness	Fuel Injection/Glow Plug Harness 3000RE, 3600, & 3800 Series T444E Engine Models - Late Generation



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-23396	1889905C91	Harness Injector	3000, 3600, 3800, CE200/300 School Bus Series  4300, 4400, 4700, 4800, & 4900 Series Medium Duty 5000, 5500, 5600, 7300, 7400, 7500 Series Severe Duty 8100 & 8300 Heavy Tractor DT466E, I530E, DT466/530 & HT530 Engine Models



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-22083	1814376C1	Injector Sleeve	T444E Engine Models (1994-2003) 3000 School Bus Series  4000 Series Medium Duty



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-21951	1842626C96	Injector Seal & Ring Kit	DT466E Engine Models 3000, CE200, 300, FE300 & RE300 School Bus Series  7300 - 7600 Severe Service Series

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## ADDITIONAL ENGINE COMPONENTS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-19947</b>	1822652C92	Engine Pulley	3000, 3600 & 3800 Models (May 1997 & Up) T444E Engine Models w/ OEM Bearings, Includes NTN 6203C3 Bearing
<b>S-19829</b>	1822653C92	Engine Pulley	3000 IC, RE School Bus Series  3600 & 3800 Models (May 1997 & Up) BE200 & CE200 School Bus Series  T444E Engine Models w/ OEM Bearings, Includes NTN 6203C3 Bearing



S-19947

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-5331</b>	691796C1 1820953C4	Dipstick	DT466B Engine Models




S-5331

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-5966</b>	1804027C2	Cylinder Head Bolt	6.9 Liter, DT444E Engine Models
<b>S-8185</b>	1809058C2	Cylinder Head Bolt	7.3 Liter, DT444E Engine Models



S-5966

S-8185

NEWSTAR #	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-19405</b>	1812348C1	$\frac{3}{8}$ " Compression Sleeve	4300-4600, 2500 & 2600 Series Medium & Heavy Duty Amtran, CE200, 300 & 3000 School Bus Series  5000, 5500, 5600 & 7300-7600 Series Severe Duty



S-19405



## DEFROST FANS

### DEFROST FANS ARE EQUIPPED WITH:

- 12 Volt
- CW
- Chrome
- 3 Position Switch: Off/Low/High

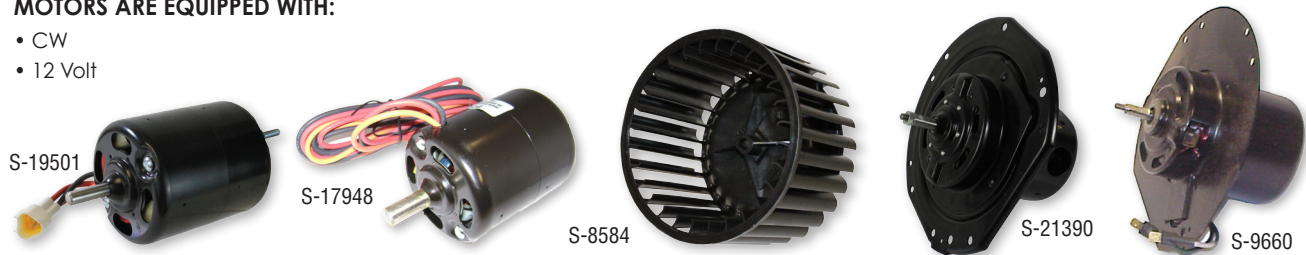





NEWSTAR #:	REPLACES #:	DESCRIPTION:	DIMENSIONS:	PRODUCT INFORMATION:
<b>S-17960</b>	783966C93 4140-01-199-4589 1299008 756-360-C	Heavy Duty Defrost Fan	Diameter: 7 1/2" Height: 8 3/4"	2-Wire Metal Cage
<b>S-18708</b>	DF12V	Dash Defrost Fan	Diameter: 7 1/2" Height: 8 5/8"	Universal Swivel Base w/ 60° Motor Leads 2 Speed

## BLOWER MOTORS & WHEELS

### MOTORS ARE EQUIPPED WITH:

- CW
- 12 Volt



NEWSTAR #:	REPLACES #:	DESCRIPTION:	APPLICATION:	DIMENSIONS:	PRODUCT INFORMATION:
<b>S-8584</b>	465502C1 1113002	Wheel	2000, 4000-5000 & 8000-9000 Series (1997-2002)	5" x 3" Bore Diameter: 5/16" Hub Insert: 1 1/2"	Plastic
<b>S-21390</b>	1669786C1 1099014	Motor	2000 Series Medium & Heavy Duty 3400 & 3600-3800 School Bus Series  4500-4900 Series Medium Duty 5000 Series Severe Duty 9600-9800 Premium Cabovers Models	4 3/4" x 4 1/8" x 3 1/8" Shaft: 5/16" x 1 1/16"	Flange Mounted Single Speed, Vented Permanent Magnet Motor Includes Wire Assembly Connector: Male Spade
<b>S-9660</b>	1699291C1	Motor	2000 Series (1998-2001) 4500-4900 Series Medium Duty (1996 & Before) 9609 & 9700 Series Premium Cabovers 9200-9700 Series Premium Conventionals (1995 & Before)	3 3/4" x 3 1/4" x 3 1/4" Shaft: 5/16" x 1"	Flange/Plate Mounted Single Speed, Vented Permanent Magnet Motor Connector: 2 Conductor Male Blade Packard
<b>S-17948</b>	2303279C1	Motor	Amtran & Thomas School Bus Models 	4 1/4" x 3 1/2" x 3" Shaft: 5/16" x 1" Span: 2 5/16"	Stud Mounted Single Shaft 2 Speed, Vented Field Wound Motor Connector: 3 Conductor Orange-High, Red-Low
<b>S-F429</b>	2503267C91	Motor	Multiple Applications	4 3/4" x 4" x 3" Shaft: 5/16" x 2 5/8" Span: 2 5/16"	Double Shaft, Vented Strap / Stud Mounted Connector: 1/4" Spade Receptacle PM Rotation
<b>S-19501</b>	2589563C1 2589648C1	Motor	Amtran, Thomas & IC Corp School Bus Models 	4 1/4" x 3 13/16" x 3" Shaft: 5/16" x 1"	Stud Mounted 2 Speed, Vented

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HVAC

## BLOWER MOTORS & WHEELS

### MOTORS ARE EQUIPPED WITH:

- CW
- 12 Volt



NEWSTAR #:	REPLACES #:	DESCRIPTION:	APPLICATION:	DIMENSIONS:	PRODUCT INFORMATION:
S-17942	2598644C1	Dual Motor Assembly Mount	Bluebird School Bus Models 	3 63/64" x 4 15/64" x 5"	3 Speed
S-17947	3542611C2	Motor Assembly Mount	Prostar Series (2008) 4200-4400, 7400-7600, 8500 & 8600 Series (2001-2007) 4000, 7000 & 8000 Series	4 1/32" x 1 25/32" x 3" Shaft Diameter: 5/16"	1 Speed, Vented
S-21198	3674285C1	Motor Assembly	4200-4400, 7400-7600 & 8500-8600 Series (2008-2011) 4100-4400 Series Medium Duty 7300-7700 Series Severe Duty Prostar Series (2009-2011) Prostar Linehaul Conventionals Lonestar Series (2009-2011)	6 13/32" x 3" x 1/4"	—

## COMPLEMENTARY COMPONENTS

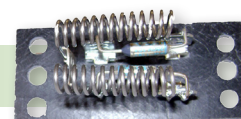
**WHEEL W/ CLIP**  
S-17238



**MOTOR**  
S-17329

NEWSTAR #:	REPLACES #:	DESCRIPTION:	APPLICATION:	DIMENSIONS:	PRODUCT INFORMATION:
S-17238	1699947C1	Wheel	5000 & 9000 Series	5 3/4" x 3" Bore Diameter: 5/16" Hub Insert: 1 13/16"	CW Includes Clip
S-17239	1699949C1	Motor	5000I, 9100I, 9200I, 9400I & 9900I Series (2000-2010)	3 45/64" x 1" x 3 13/64" Shaft Diameter: 5/16"	Single Shaft-Flange Mounted CCW Single Speed, Vented


## BLOWER SWITCHES ON PAGE 93



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## RECEIVER DRYERS



NEWSTAR #:	REPLACES #:	APPLICATION:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-13667</b>	1693117C1	1000, 4000, 5000, 8000 & 9000 Series 3400, 3600-3900 FC School Bus Series (1997 & Before) 	Diameter: 3" Length: 9 11/16"	Fitting: #6 O-Ring Male or Female High Capacity, Pressure Relief Switch Port: Top
<b>S-19500</b>	18-01800	4600-4900, 4954, 5000 & 8100-8300 Series (1991-2000)	Diameter: 3" Length: 8 1/2"	Fitting: #6 O-Ring Female In, Male Out Pressure Relief Switch Port : Top

## ACCUMULATORS



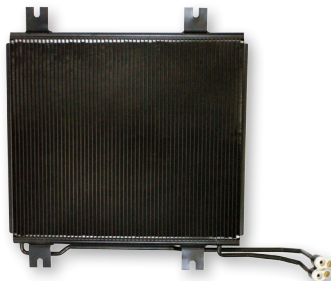
NEWSTAR #:	REPLACES #:	APPLICATION:	PRODUCT INFORMATION:
<b>S-22384</b>	3666273C1	4000 & 7000-9000 Series (2007-2010) 9000, 9000I, IX & Eagle Series (2008-2010)	Includes Pad Mount
<b>S-20544</b>	3670134C1	4100-4400 Series Medium Duty 7300-7700 Series Severe Duty 3200 Commercial School Bus Series  Prostar Linehaul Conventionals	Diameter: 3 5/32" Length: 7 25/32" Aluminum
<b>S-17246</b>	3542577C2 526333C2	7300 Series (Nov 2011 & Up) 4200-4400, 7300-7600 & 8500-8600 Series (2001-2007)	Inlet & Outlet: Pad Mount 1"-14 UNF Switch Port: M12 x 1.5 Bracket Mount: M8 x 1.25 Diameter: 3 1/2" Length: 9 1/8" Adjustable Studs, Includes Bracket Aluminum
<b>S-23316</b>	6102498C92	Prostar Series (2010-2013) 4200-4400, 7400-7600 & 8500-8600 Series (2010-2013) Terrastar 8600 Series Heavy Tractor	Height: 7 1/10"

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## CONDENSORS



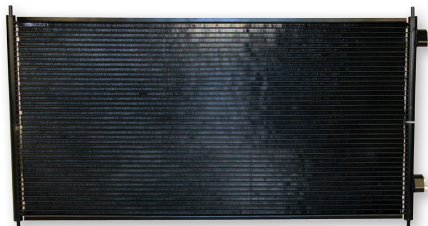
S-17961



S-17244



S-17958



S-21563



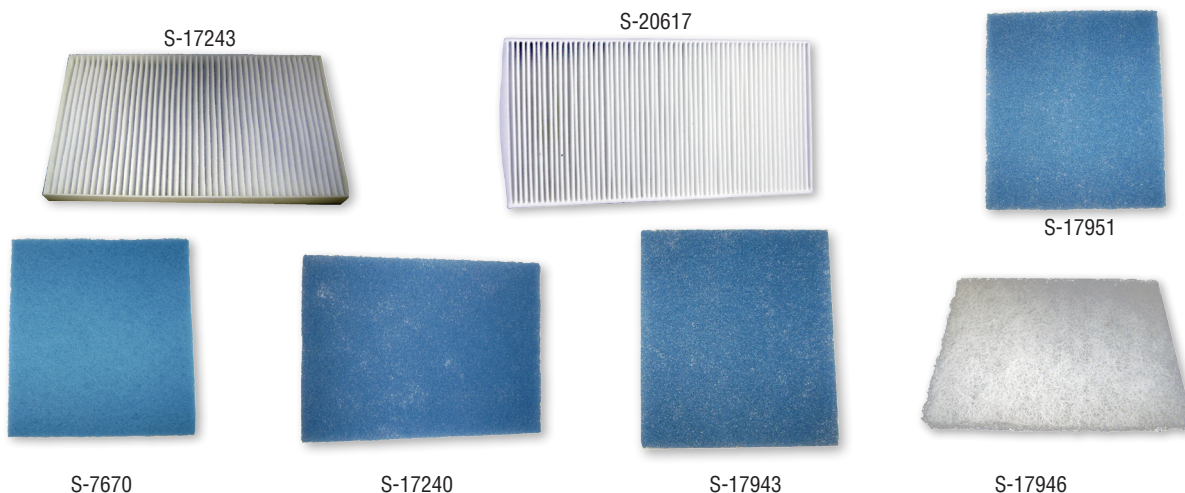
S-22386

NEWSTAR #:	REPLACES #:	APPLICATION:	CORE DIMENSIONS:	PRODUCT INFORMATION:
<b>S-17961</b>	2507482C92	4000, 7000, 7100, 7300-7700, 8000-8600i & 9000-9900i Series (2001-2007)	21 <sup>53</sup> / <sub>64</sub> " x 19 <sup>37</sup> / <sub>64</sub> " x <sup>53</sup> / <sub>64</sub> "	Pad Mounted
<b>S-17244</b>	2508698C1	4000, 8000-8600i & 9000-9900i Series (2001-2007)	19 <sup>3</sup> / <sub>4</sub> " x 1" x 23 <sup>1</sup> / <sub>8</sub> "	—
<b>S-17958</b>	2586812C91	4000, 8000, 8100, 8200, 8300, 8500, 8600 & 8600i Series (2001-2007)	21 <sup>23</sup> / <sub>64</sub> " x 24 <sup>25</sup> / <sub>64</sub> " x <sup>5</sup> / <sub>8</sub> "	Pad Mounted
<b>S-21563</b>	2591621C93	9200, 9400 & 9900 Series Premium Conventionals (2001-2007) Prostar Linehaul Conventionals (2001-2007)	16mm x 825mm x 426mm	—
<b>S-22386</b>	2591836C91	Prostar Linehaul Conventionals (2007-2010)	30 <sup>1</sup> / <sub>2</sub> " x 16 x <sup>3</sup> / <sub>4</sub> "	—
<b>S-23110</b>	2000655C2	4600-4900 Series 7.3L Engine Models	26" x 25 <sup>3</sup> / <sub>4</sub> " x 1"	Inlet: #8 O-Ring MIO ( <sup>3</sup> / <sub>4</sub> "- 16) Male Outlet: #6 O-Ring MIO ( <sup>5</sup> / <sub>8</sub> "- 18) Male
<b>S-23022</b>	2585373C2	5000, 5000i, 5360, 5500, 5500i, 5600i, 5870 & 5900i Series (2000-2008) Cummins ISL, ISM, ISX, CAT C-12, C-13, C-15 & 3406 Engine Models Detroit 60 Engine Models	20 <sup>3</sup> / <sub>8</sub> " x 24 <sup>1</sup> / <sub>4</sub> " x <sup>7</sup> / <sub>8</sub> "	—
<b>S-23021</b>	2009378C2	9300, 9400 & 9800 Series Premium Conventionals	27" x 26" x <sup>3</sup> / <sub>4</sub> "	Inlet : #8 O-Ring MIO ( <sup>3</sup> / <sub>4</sub> "-16) Outlet: #6 O-Ring MIO ( <sup>5</sup> / <sub>8</sub> "-18)

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**FILTERS**

HVAC



NEWSTAR #:	REPLACES #:	APPLICATION:	DIMENSIONS:
S-17951	481813C1	4500-4900 Series Medium Duty (1996 & Before)	12 1/2" x 13 1/2" x 1"
S-17240	1699956C2	500I-5900I Series Severe Duty (1995-2010) Pad Mounted	13 21/32" x 10" x 1/2"
S-17243	2506656C2 3548705C1	4100-4400 Series Medium Duty 7300-7700 Series Severe Duty Lonestar & Prostar Linehaul Conventionals	12 1/2" x 7 1/4" x 1"
S-20617	3839141C1	4200-4400 Series Medium Duty 7000 Series Severe Duty Prostar Linehaul Conventionals	12 3/8" x 6 1/4" x 1 1/8"
S-7670	498144C1	9100-9400 Series Premium Conventionals 9600-9800 Series Premium Cabovers	12 1/2" x 13 1/2" x 1"
S-17943	ZGG720010 530631 3112001	Pad Mounted	7 1/2" x 8 1/2" x 1/2"
S-17946	ZGG720014 3112009 526407	—	8" x 6 1/4" x 3/4"

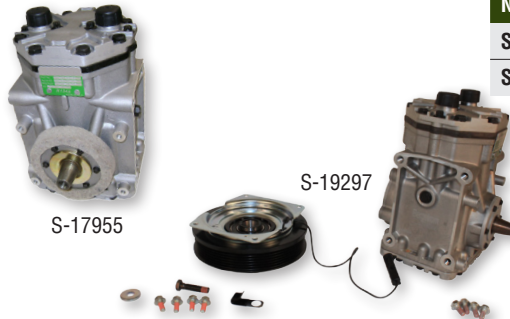
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## YORK COMPRESSORS

### COMPRESSORS ARE EQUIPPED WITH:

- Tube O-Ring
- LH Suction
- 12 Volt
- R134A Refrigerant
- Fitting Size: 1"-14



NEWSTAR #:	REPLACES #:	CLUTCH:	WIRE:
S-17955	2502459C91	No Clutch	—
S-19297	2509451C91	5 3/4", Poly 6, .014"	1

## SANDEN COMPRESSORS

### COMPRESSORS ARE EQUIPPED WITH:

- 12 Volt
- R134A Refrigerant





NEWSTAR #:	REPLACES #:	SANDEN #:	MODEL:	HEAD:	MOUNT:	CLUTCH:	WIRE:	APPLICATION:
S-19047	3628699C1 LE1600	4815	7H15HD	GWA	SD7 Direct Long	5 1/8" (130mm) Poly 6	1	Multiple Applications
S-17247	3582435C1	4418	7H15HD	441	SD7 Direct Long	4.7" (119mm) Poly 8	2	V8 Engine Models
S-19050	SKI 4493 ZGG705256 20501067	4493 4733 4892	7H15HD	WV	Direct	5 1/8" (130mm) Poly 8	2	Multiple Applications
S-19049	3547917C1 ABPN83-304314	4417 4485	7H15	GH	Direct	4.7" (119mm) Poly 8	—	Multiple Applications

## CLUTCH



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-19248	3527631C91	Clutch	9100, 9200, 9400 & 9900 Series Premium Conventionals 12 Volt, 6 Groove, 1 Wire Pulley Diameter : 6 1/8" Groove Width : 0.14 Single Wire w/ Diode/Female Weatherpak plug

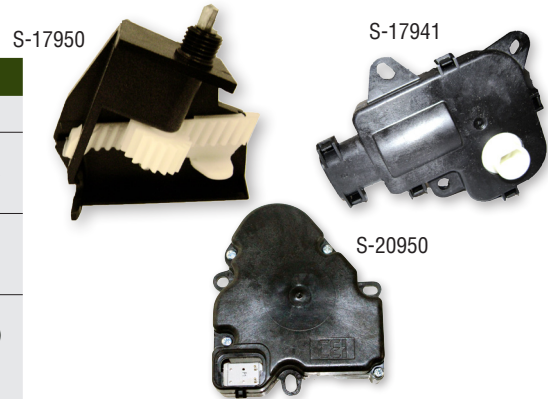
## SEALS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-20957	3543881C1	Sealing Ring	Tecumseh Compressor Head, Small Flange 9200, 9400 & 9900 Premium Conventionals 5500I-5900I Series Severe Service Prostar Linehaul Conventionals BE200 School Bus Series  C-Plate 1/2", 5/8" ID Discharge
S-20956	3543882C1		Tecumseh Compressor Head, Large Flange 9200, 9400 & 9900 Premium Conventionals 5500I-5900I Series Severe Duty Prostar Linehaul Conventionals BE200 School Bus Series  C-Plate 3/4", 13/16" ID Discharge

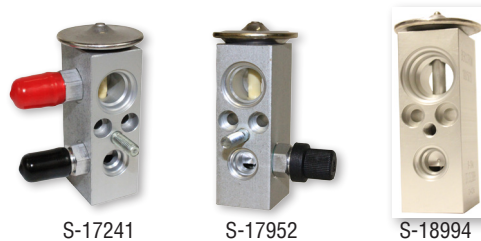


## ACTUATORS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-17950	1664769C92	Piston Type w/ Gear Drive
S-17941	3542606C1	Piston Type 4000-4900, 5000, 5900i, 6300, 7000-7700, 8000 Series Moto Mode Control - 2 Terminal
S-17945	2503207C1	Piano Type 12 Volt, 4 Pin 120°, LH Drive
S-20950	3542575C2	Piano Type 4000-4900, 7000-7700, 8000-8600i Series (2001-2007) Prostar Linehaul Conventionals (2001-2007) 12 Volt, 2 Pin



## EXPANSION VALVES

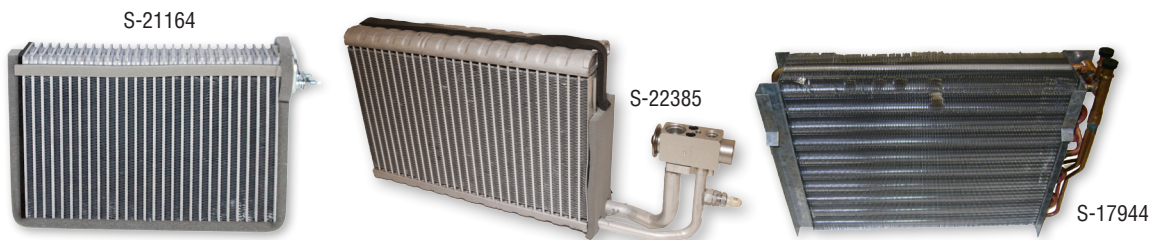


NEWSTAR #:	REPLACES #:	APPLICATION:	HOSE INLET/OUTLET:	PRODUCT INFORMATION:
S-18824	RD-5-6868-OP	—	Hose Inlet & Outlet: #6 (3/8") & #10 (5/8") Female O-Ring Evaporator Inlet & Outlet: #8 (1/2") Female O-Ring	Superheat Rating: 5°F Pressure Limit: 80 PSIG at 40°F
S-17241	2051794C93	5000I, 9100I, 9200I, 9400I, 9900I Series (2000-2010) 9000-9900I Series (1997-2006)	Hose Inlet & Outlet: #6 (3/8") & #10 (5/8") Flange Mount Evaporator Inlet & Outlet: #8 (1/2") Flange Mount	M10 & M12 Schrader Ports
S-17952	2503783C91	9200-9400 & 9600-9800 Series (2000-2002) S Series (1995-2001)	Hose Inlet & Outlet: #6 (3/8") & #10 (5/8") Female O-Ring Evaporator Inlet & Outlet: #8 (1/2") Female O-Ring	Schrader Ports Superheat Rating: 8°F Pressure Limit: 53.5 PSIG at 75°F
S-18994	3660853C2	4000, 7000, 8000 ProStar & LoneStar Series (2007-2010)	Hose Inlet & Outlet: #6 (3/8") & #12 (5/8") Female O-Ring Evaporator Inlet & Outlet: #8 (1/2") & #10 (5/8") Stat-O-Seal	2 Ton Models Superheat Rating: 5°F Pressure Limit: 80 PSIG at 53.5°F

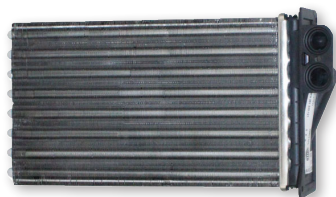
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HVAC

## EVAPORATORS & HEATER CORES



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21164</b>	3542576C2 2602544C1 1613008	Evaporator Assembly	4100-4300 Series Medium Duty (2001-2007) 7300-7700 Series Severe Duty (2001-2007) Prostar Linehaul Conventionals (2001-2007)
<b>S-22385</b>	1699950C1 1613011 151346		4100-4400 Series Medium Duty Prostar Linehaul Conventionals Core Dimensions: 6 <sup>5</sup> / <sub>8</sub> " x 2 <sup>5</sup> / <sub>8</sub> " x 12 <sup>1</sup> / <sub>16</sub> "
<b>S-17944</b>	3670132C1 1613007		5000-5900i, 9000-9900i (2000-2012) Core Dimensions: 10" x 2 <sup>5</sup> / <sub>8</sub> " x 13"



S-20949

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-20949</b>	3599598C1 1713012	Heater Core	Prostar Linehaul Conventionals (2007-2010) 10 <sup>3</sup> / <sub>8</sub> " x 6" x 1 <sup>5</sup> / <sub>8</sub> "

## VALVES



S-17248

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-17248</b>	367972C92	Manual Heater Shutoff Valve	9000, 9900i, IX & Eagle Series (1997-2000) <sup>3</sup> / <sub>4</sub> " Hose x <sup>1</sup> / <sub>2</sub> " NPT Male Thread



S-17954

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-17954</b>	369512C92	Heater Valve	4000 & 5000 Series Severe Duty Ports: <sup>5</sup> / <sub>8</sub> " Hose <sup>1</sup> / <sub>2</sub> "-14" NPT Male Thread Thread Manually Operated




S-4889

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-4889</b>	450907C1	Water Valve	S-Series Ports: <sup>5</sup> / <sub>8</sub> " Barb 90° Angle, <sup>1</sup> / <sub>2</sub> " x 14" NPT Female Thread Knob Operated

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## BOOSTER PUMPS



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-17962</b>	2227279C2 1099073 ZGG701076	3000, CE, FE & RE School Bus Series  90° Inlet 12 Volt

## DASH COMPONENTS

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-17936</b>	3529263C1 748040 3213003	Louver Assembly	Multiple Applications



S-17936

## ORIFICE TUBES

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-17939</b>	3548044C1 1813008	Multiple Applications Purple



S-17939

## REGULATOR CONTROLS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-17959</b>	3562102C1 651186 2013005	4000, 4600, 4700, 4900, 5000, 7100, 7400, 8000, 9000-9900 (2002-2007)



S-17959

## SENSORS

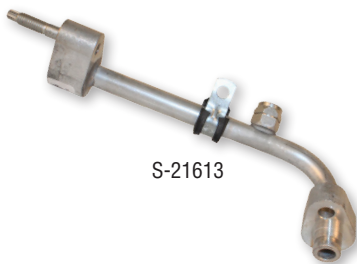


NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-20524</b>	3622764C3 BOA 80-908-00-329	Freon Sensor	4200-4400, 7400-7600, 8500 & 8600 Series Prostar Linehaul Conventionals (Thermister) Fitting Connector: M12 Thread

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-23708</b>	2606229C91	Freon Sensor Kit	4200-4400, 7400-7600, 8500 & 8600 Series Prostar Linehaul Conventionals (Thermister) Fitting Connector: M12 Thread

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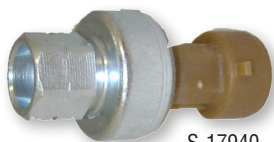
## FREON TUBES



S-21613

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-21613</b>	3542578C2	Freon Tube	4100, 4200 & 4300 Medium Duty Series 7300-7700 Severe Duty Series Prostar Linehaul Conventional Models

## SWITCHES



S-17940

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-17940</b>	3546241C1	Pressure Switch	4000-4900, 5000-5900i & 8000-8600i Series (2006-2010) Fitting Connector: M10 Thread, 3 Pin



S-17957

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-17957</b>	581691C1	Cable Controlled Thermostat Switch	5000, 7100 & 9000-9700 Series (1973-2001) Capillary Length: 43" Variable Temperature Type Range: 30°-62°F Clutch Cycle Range: 10°F Mounting Hole Spacing: 2 15/16"



## POWER STEERING PUMPS

REPLACEMENT FOR LUK

NEWSTAR #	REPLACES #:	PRODUCT INFORMATION:
S-17041	1682625C91	Detroit 60 & CAT 3406 Engines 2 Line Pump, 2 Bolt Flange, 11 Tooth Spline Shaft 4.00 USGPM Flow Rate at 1200 RPM 2175 PSI, CCW
S-17552	2005337C91 3525624C91 3514596C91	Replaces Cummins, I-6 Engine Models, B,C, CAT 3116 2 Line Pump, 2 Bolt Flange, 11 Tooth Spline Shaft 4.00 USGPM Flow Rate at 1200 RPM 2175 PSI, CW
S-5890	1681047C91	Popular Cummins C10/C12/NTC/N14 Engines 2 Line Pump w/ Aluminum Construction, 2 Bolt Flange, 11 Tooth Spline Shaft 3.75 USGPM Flow Rate 1740 PSI, CW
S-D484	1663204C91 3504849C91 3504850C91 1667497C91 1682626C91 1686653C91	Popular Cummins C10/C12/NTC/N14 Engines w/ TAS65 & M100 Steering Gears 2 Line Pump w/ Aluminum Construction, 2 Bolt Flange, 11 Tooth Spline Shaft 4 USGPM Flow Rate 2175 PSI, CW

S-D484

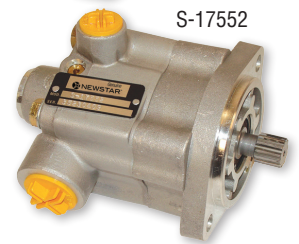


S-17041

S-5890



S-17552

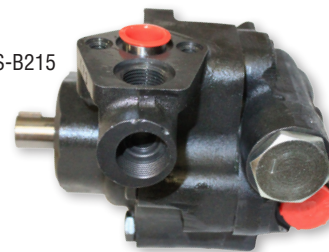


## POWER STEERING PUMPS

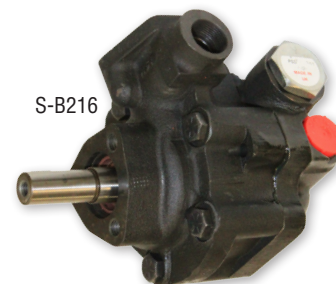
REPLACEMENT FOR HOBOURN MODEL BB

NEWSTAR #	REPLACES #:	PRODUCT INFORMATION:
S-B215	1647567C91 1677288C91 1675898C91 1651836C91 1644377C91 1665552C91 596246C92	Re-Install Reservoir, Tubes & Hardware Pulley Driven Bolt & Key Shaft 11 Tooth Spline Shaft 5.5-6 USGPM Flow Rate 2300 PSI, CW
S-B216	1614025C91 1655606C91 1665551C91 1684290C91 1671876C91 1654717C91 1655607C91 1664376C91 1666272C91 1671589C91	6.9-7.3L Diesel Applications Re-Install Reservoir, Tubes & Hardware Bolt & Key Shaft 11 Tooth Spline Shaft 5.5-6 USGPM Flow Rate 2350 PSI, CCW

S-B215



S-B216



## POWER STEERING PUMPS

REPLACEMENT FOR SAGINAW

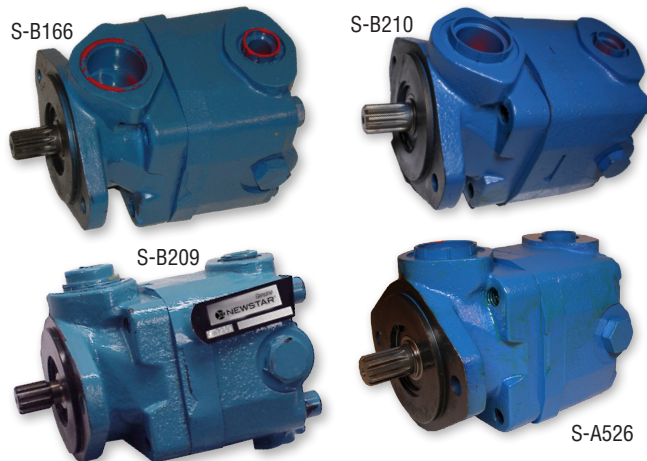


NEWSTAR #	REPLACES #:	PRODUCT INFORMATION:
S-5897	488787C91	New Pump w/ Reservoir

## POWER STEERING PUMPS

REPLACEMENT FOR VICKERS V-20NF ARE EQUIPPED WITH:

- 2 Line Pump & Flow Control Cover
- 2 Bolt Flange- SAE "A" Size
- 1 5/16" -12 Inlet Port, 3/4" NPT Pressure Outlet Port
- Feature Long Life Cast Iron Construction
- Interchangeable w/ Vickers Pumps
- Capacity: GPM at 1200 RPM-100 PSI



NEWSTAR #	REPLACES #:	PRODUCT INFORMATION:
S-B166	583808C91	11 Capacity, 11 Tooth Spline Shaft 7 USGPM Flow Rate 2000 PSI, CW
S-A526	541508C91 1516829C91	6 Capacity, 11 Tooth Spline Shaft 6 USGPM Flow Rate 1750 PSI, CW
S-B209	585930C91	9 Capacity, 11 Tooth Spline Shaft 6 USGPM Flow Rate 1750 PSI, CW
S-B210	541510C91 1618607C91	9 Capacity, 11 Tooth Spline Shaft 6 USGPM Flow Rate 1750 PSI, CCW

## POWER STEERING PUMPS

REPLACEMENT FOR VICKERS V-10NF ARE EQUIPPED WITH:

- 2 Line Pump & Flow Control Cover
- 2 Bolt Flange- SAE "A" Size
- 1 5/16" -12 Inlet Port, 3/4"-16 NPT Pressure Outlet Port
- Feature Long Life Cast Iron Construction
- Interchangeable w/ Vickers Pumps
- Capacity: GPM at 1200 RPM-100 PSI



NEWSTAR #	REPLACES #:	PRODUCT INFORMATION:
S-B163	1654771C91	5 Capacity, 11 Tooth Spline Shaft 4 USGPM Flow Rate 2175 PSI, CW
S-B164	595055C91 1681049C91	5 Capacity, 11 Tooth Spline Shaft 5 USGPM Flow Rate 2000 PSI, CW
S-A711	582135C92 1681048C91	5 Capacity, 11 Tooth Spline Shaft 5 USGPM Flow Rate 1750 PSI, CW

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## POWER STEERING PUMPS

### REPLACEMENT FOR VICKERS V-20F ARE EQUIPPED WITH:

- 3 Line Pump & Flow Control Cover
- 2 Bolt Flange- SAE "A" Size
- 1 1/4" NPT Inlet Port, 1/2" NPT Tank Port & 3/4" - 16 Pressure Port
- Feature Long Life Cast Iron Construction
- Interchangeable w/ Vickers Pumps

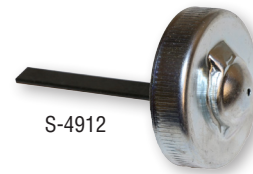


NEWSTAR #	REPLACES #:	PRODUCT INFORMATION:
S-A525	422479C91	9 GPM AT 1200 RPM, 100 PSI Capacity, 11 Tooth Spline Shaft 6 USGPM Flow Rate 1750 PSI, CW

## REBUILDING COMPONENTS

### REPLACEMENT FOR HOUBORN B-SERIES

NEWSTAR #	REPLACES #:	DESCRIPTION:
S-4912	467537C91	Reservoir Cap Assembly
S-7979	505657C92	Mounting Kit
S-4376	507809C91	Reservoir Filter Kit
S-4957	507810C91	O-Ring Kit



## REBUILDING COMPONENTS

### REPLACEMENT FOR SAGINAW

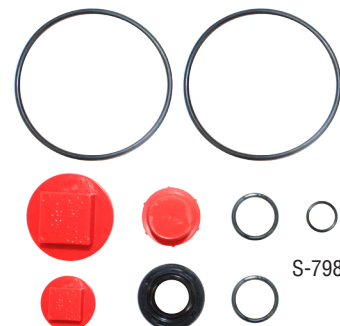
NEWSTAR #:	REPLACES #:	DESCRIPTION:	APPLICATION:
S-7995	482350C91	Sector Shaft Seal	Rotary Valve
S-7997	493133C91	Bearing 2.003 O.D.	Dual Piston 710 Models
S-4336	493141C91	Master Ring & Seal Kit	Dual Piston 710 Models
S-4950	493143C91	Pitman Shaft Kit	Dual Piston 710 Models



## REBUILDING COMPONENTS

### REPLACEMENT FOR VICKERS

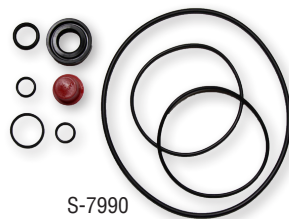
NEWSTAR #:	REPLACES #:	APPLICATION
S-7988	434031C91	Pump Series V10
S-7989	590727C91	Pump Series V20



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## REBUILDING KITS

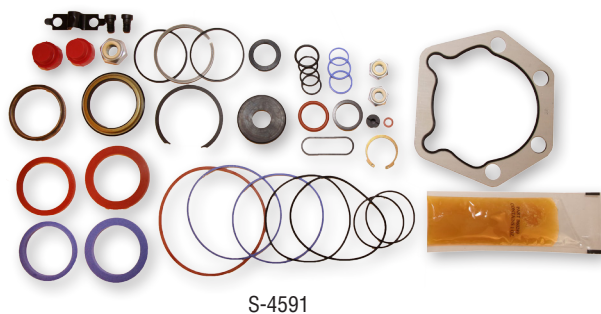
REPLACEMENT FOR SAGINAW 143 MODELS



NEWSTAR #	REPLACES #:	DESCRIPTION:
S-7990	594210C91	Master Kit

## REBUILDING KITS & COMPONENTS

REPLACEMENT FOR TRW



NEWSTAR #	REPLACES #:	DESCRIPTION:	APPLICATION:
S-4591	583823C91	Master Kit	HFB 52
S-8022	487340C1	Housing Outer Seal	HFB 52
S-4033	472925C91	Master Kit	HF 54
S-8000	435673C1	Pinion Ring	HF 54
S-4590	582463C91	Master Kit	HFB 64
S-8021	487339C91	Housing Seal	HFB 64
S-4935	487344C91	Sector Shaft	HFB 64 & TAS 65
S-4412	472933C91	Master Kit	HF 64
S-7943	435854C91	Sector Shaft	HF 64
S-8933	487320C91	Thrust Bearing	HF 64 & HFB 64
S-7198	1692999C91	Master Kit	HF 70
S-B066	2502017C91	Input Shaft Seal Kit	TAS
S-9501	2505258C91	Rebuild Kit w/o Hardware	TAS 40
S-9502	1675138C91	Rebuild Kit w/o Hardware	TAS 55
S-D654	1668438C91	Sector Shaft Bearing	TAS 65
S-7627	1671216C93	Master Kit	TAS 65
S-9504	2508032C91	Master Kit	TAS 85

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## REBUILDING KITS & COMPONENTS

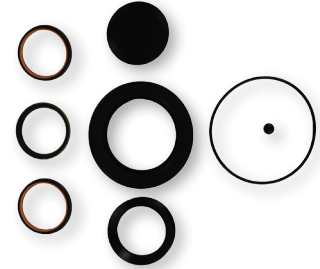
### REPLACEMENT FOR SHEPPARD



S-11557



S-11556



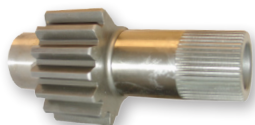
S-19203

NEWSTAR #:	REPLACES #:	DESCRIPTION:	APPLICATION:
S-19204	2589611C91	Steering Gear Kit	Sheppard M80
S-D694	1685190C91	Input Seals & Shaft Valve Ring Kit	Sheppard M80, 90, 100
S-11558	1691583C91 2585855C91 2586316C91	Master Kit	Sheppard M80
S-11556	2585853C91 1685676C91	Input Seal Kit	Sheppard M80, 90, 100, 110
S-D421	2502009C92 2592441C91	Steering Gear Kit	Sheppard M90
S-11557	1696908C91	Sector Seal Kit	Sheppard M90 & M100
S-E445	1668428C91	Sector Shaft	Sheppard M90
S-19204	2589611C91	Sector Shaft Seal Kit (Late Design)	Sheppard M90 & M100
S-16201	2502008C91 2592442C91	Steering Gear Kit	Sheppard M100
S-E036	1663631C1 2590468C1	Sector Shaft	Sheppard M100
S-17692	2585860C91 1663632C91	Sector Shaft Cover Kit	Sheppard M100
S-19203	2585854C91 2592443C91	Sector Shaft Seal Kit	Sheppard M100
S-18828	2592444C91	Master Kit w/ Snap Ring & L Seal	Sheppard M110
S-18827	2586319C91	Master Kit	Sheppard M110
S-19311	2585858C91	End Cap Seal Kit	Sheppard M110
S-21202	2591854C91	Master Kit	Sheppard HD94
S-5370	406280C1	Bronze Bushing	Sheppard Series 3, 4 & 5 2" ID x 2 3/8" OD Models 372 & 392
S-7942	438758C1	Bronze Bushing	Sheppard Series 3, 4 & 5 2" ID x 2 1/4" OD Models 292, 372 & 392
S-7983	1651917C91	Master Kit	Sheppard Series 6 Model 392
S-7982	1648256C91	Master Kit	Sheppard Series 3, 4 & 5; Model 292
S-7984	3243261C91	Master Kit	Sheppard Series 3, 4 & 5; Model 392
S-7985	1648322C91 1693937C91	Master Kit	Sheppard Series 3, 4 & 5; Model 492
S-7986	1691691C91	Master Kit	Sheppard Series 3, 4 & 5; Model 592
S-D837	1694395C91 1651779C91	Input Shaft Seal Kit	Sheppard 292, 392, 492 & 592

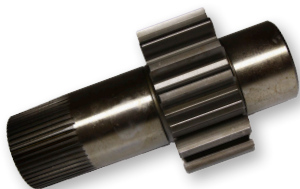
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## SECTOR SHAFTS



S-E036



S-E445



S-7943

S-4935

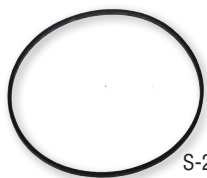
NEWSTAR #	REPLACES #:	APPLICATION:
S-E036	1663631C1 2590468C1	Late Model S Series, M100 Applications
S-E445	1668428C1	Late Model S Series, M90 Applications
S-7943	435854C91	Late Model S Series, HF64 Applications
S-4935	487344C91	Late Model S Series, HFB64 & TAS65 Applications

## ADDITIONAL STEERING COMPONENTS



S-19406

NEWSTAR #	REPLACES #:	DESCRIPTION:	APPLICATION:
S-19406	1829802C1	High Pressure Pump Hose	Various Detroit Diesel & Perkins Engine Models 3000, FE, IC, RE School Bus Series (Nov. 1999 & Up)  3400-3900 School Bus Series 





S-20704

NEWSTAR #	REPLACES #:	DESCRIPTION:	APPLICATION:
S-20704	2507061C1	Reservoir Gasket	4000 Series Medium Duty 5500, 5600, 5900I & 7000 Severe Service 9200, 9400 & 9900 Series Premium Conventionals

## ICP ENGINE SENSORS



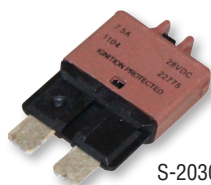
S-23519

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-23519</b>	1812818C2	International DT466E & I530E Engine Models International 3400, 3600, 3700 & 3800 School Bus Series International 4500, 4700, 4800 & 4900 Series Medium Duty
<b>S-20557</b>	1807329C92	3000 School Bus Series & 4700 Series Medium Duty  T444E Engine Models
<b>S-21205</b>	1830669C92	2500 & 2600 Heavy Duty Models 3000, RE, 3600 & 3700 School Bus Series  4700-4900 Series Medium Duty 5000, 5500I, 5600I & 7500 Series Severe Service Conventionals 8100 & 8500 Series Heavy Duty

## CIRCUIT BREAKERS



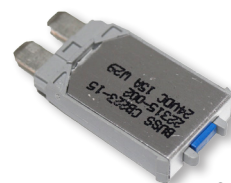
S-20306









S-20305



S-20307



S-21838

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-20305</b>	3529673C1	Resettable Circuit Breaker 7.5 Amp	3000, BE200, CE200/300, FE200 & RE300 School Bus Series 
<b>S-20306</b>	3529674C1	Resettable Circuit Breaker 10 Amp	3000, BE200, CE200/300, FE200 & RE300 School Bus Series 
<b>S-21838</b>	3529675C1	15 Amp Type 3-ATO Blue Blade	3000, BE200, CE200, 300, FE & RE300 School Bus Series  4700-4900 Series Medium Duty
<b>S-21839</b>	3529676C1	20 Amp Type 3-ATO Yellow Blade	3000, BE200, CE200, 300, FE & RE300 School Bus Series  4700-4900 Series Medium Duty
<b>S-21840</b>	3529677C1	25 Amp Type 3-ATO Clear Blade	3000, BE200, CE200, 300, FE & RE300 School Bus Series  4700-4900 Series Medium Duty
<b>S-20307</b>	3529678C1	Resettable Circuit Breaker 30 Amp	3000, BE200, CE200/300, FE200 & RE300 School Bus Series 

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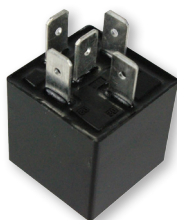
## RELAYS



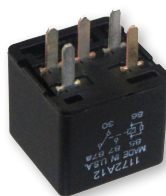
S-20023



S-9443



S-19847










S-20975



S-17314












S-21994

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-5971	447186C1	Turn Signal Relay	S Series Medium & Heavy Duty Non-Canceling Switch
S-7606	505457C1	Horn Relay	9370 & 9670 Models
<b>S-20023</b>	1831646C1	Glow Plug Relay	4700 Series Medium Duty 3000, 3600 & 3800 School Bus Series  T444E Engine Models
<b>S-20710</b>	1840903C91	Glow Plug Relay	Ford VT365 Engine Models (2002-2005) 4.5L, 6.0 Diesel Injected Turbos BE200, CE200/300, RE300 School Bus Series 
S-9443	2012557C1 1672537C1	Horn Relay	4000, 7000 & 8000 Series
S-5115	241120R91	Horn Relay	1700-2600 Series Medium Duty (1989 & Before) 5000 Series
S-20975	2602142C1	Horn Relay	BE200, CE200 & RE200 School Bus Series 
S-17314	3505300C1	Relay	4100-4900 Series Medium Duty 3000 FE, IC & RE School Bus Series 3600 & 3800 School Bus Series (May 1997 & Up)  Amtran, BE200, CE200 & CE300 School Bus Series
S-21950	3519350C1	Micro Relay	4000 Series Medium Duty 7000 Series Severe Duty Prostar Linehaul Conventionals BE200, CE200, 300 & RE300 School Bus Series 
S-21994	3571998C1	Generator Relay	BE, CE, FE, RE200 & 300 School Bus Series 
S-19847	3607384C1 2012557C1	Horn Relay	1000, 4000, 7000 & 8000 Series BE200, CE200/300 School Bus Series 

## ADDITIONAL SENSORS



NEWSTAR #:	REPLACES #:	DESCRIPTION:	APPLICATION:
<b>S-20817</b>	1669290C91	Speed/Tachometer Sensor	3400, 3600, 3700 & 3900 School Bus Series (May 1997 & Before)  3800 School Bus Series (May 1997 & Up)  4000 Series Medium Duty (August 1998 & Up)
<b>S-21317</b>	1807369C2	Oil Pressure Sensor	4300, 4400, 4700, 4800 & 4900 Series Medium Duty 5000, 5500I, 5600I, 7300, 7400 & 7500 Series Severe Duty DT466E, I530E & HT530 Engine Models 3000, RE, 3600, 3800, Amtran, RE, CE200, 300 School Bus Series 
<b>S-21161</b>	1825899C93 1876735C91	Cam Position Sensor	7.3L Powerstroke
<b>S-20445</b>	1828345C91	Crankshaft Position Sensor	VT275 & 365 Engine Models
<b>S-20620</b>	1835985C92	Camshaft Sensor	VT365 Engine Models CE200 & CE300 School Bus Series 
<b>S-20814</b>	1840078C1	Manifold Pressure Sensor	Amtran & Genesis CE200 & CE300 Conventionals 4000 Series Medium Duty T444E & VT365 Engine Models 3000FE, RE & IC School Bus Series (May 1999 & Up)  3600 & 3800 School Bus Series (May 1997 & Up) 
<b>S-20815</b>	1850352C2	Exhaust Back Pressure Sensor	VT365 Engine Models (2005-2007) 3200, 3300, RE300, BE200, CE200 & CE300 School Bus Series 
<b>S-21364</b>	1850353C2	Pressure Sensor	4200 Series Medium Duty VT365 Engine Models
<b>S-19596</b>	1885812C91	Cam Positioning Sensor	34000 Series Medium Duty 5000 & 7000 Series Severe Duty DT466E & I530E Engine Models 000 FE, IC & RE School Bus Series  3600 & 3800 School Bus Series (May 1997 & Up)  CE200 & CE300 School Bus Series 
<b>S-20813</b>	1889995C91	Temperature Sensor	DT466E & I530E Engine Models 3000 FE, IC & RE School Bus Series  3600 & 3800 School Bus Series (May 1997 & Up) 
<b>S-22555</b>	1839416C91	Intake Manifold Sensor	4100-4400 Series Medium Duty BE200, CE200, 300, FE600 & RE300 School Bus Series 
<b>S-20290</b>	1845428C92	ICP Sensor	4100 & 4200 Series Medium Duty BE200, CE200, 300 & RE300 School Bus Series 
<b>S-22413</b>	1846481C92	Intake Manifold Sensor	Prostar Linehaul Conventionals 4100-4400 Series Medium Duty DT466E Engines Models BE200, CE200/300 School Bus Series 
<b>S-22764</b>	1875784C93	ICP Sensor	4300 & 4400 Series Medium Duty 7300-7500 Series Severe Duty Maxxforce Engine Models BE200, CE200, 300, FE600 & RE300 School Bus Series 

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## AIR BAGS



S-22471



S-22470

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-22471</b>	1R12-432	7000 Severe Service Series Prostar Linehaul Conventionals 9000 Premium Conventional Series
<b>S-22470</b>	1R12-538	3000 Amtran School Bus Series 9000 Series Premium Conventionals
<b>S-22467</b>	1R14-039 1685174C1	Heavy Duty Applications

## BOLTS



S-13807






S-9022

NEWSTAR #:	REPLACES #:	DIMENSIONS:
<b>S-4433</b>	414051C1	1/2"-20 x 1 1/4"
<b>S-4434</b>	414052C1	1/2"-20 x 1 1/2"
<b>S-4435</b>	414053C1	1/2"-20 x 1 3/4"
<b>S-4436</b>	414054C1	1/2"-20 x 2"
<b>S-4437</b>	414055C1	1/2"-20 x 2 1/4"
<b>S-4438</b>	414056C1	1/2"-20 x 2 1/2"
<b>S-4505</b>	414076C1	5/8"-18 x 1 1/2"
<b>S-4733</b>	414077C1	5/8"-18 x 1 3/4"
<b>S-4734</b>	414078C1	5/8"-18 x 2"
<b>S-4735</b>	414079C1	5/8"-18 x 2 1/4"
<b>S-4736</b>	414080C1	5/8"-18 x 2 1/2"
<b>S-5861</b>	414081C1	5/8"-18 x 2 3/4"
<b>S-5862</b>	414082C1	5/8"-18 x 3"
<b>S-4442</b>	414084C1	5/8"-18 x 3 1/2"
<b>S-C635</b>	416734C1	3/4"-16 x 2"
<b>S-7604</b>	416736C1	3/4"-16 x 2 1/2"
<b>S-14718</b>	416739C1	3/4"-16 x 3 1/4"
<b>S-14109</b>	416740C1	3/4"-16 x 3 1/2"
<b>S-8420</b>	438286C1	5/8"-18 x 4 1/2"
<b>S-9022</b>	414086C1	5/8"-18 x 4"
<b>S-13807</b>	414085C1	5/8"-18 x 3 3/4"



## U-BOLT

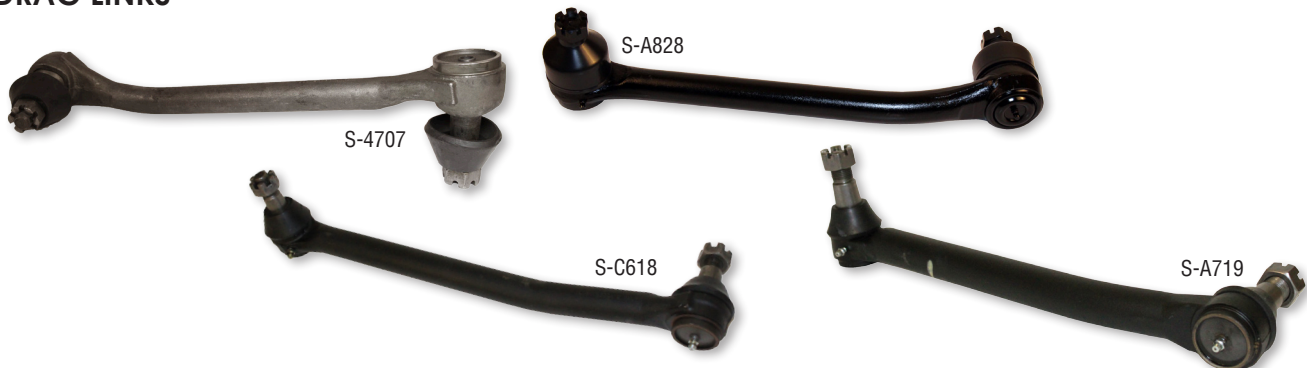
NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-3072	465916C1	4500-4900 Series Medium Duty 9200-9400 Series Conventionals 9600-9800 Series Cabovers 3400-3800 School Bus Series  Dimensions: 3/4" - 16 x 10" x 4" Semi-Round
S-19488	465919C1	44000 Series 3400-3900 School Bus Series  Dimensions: 5/8" - 18 x 8" x 3-1/32"
S-A414	1514626C1	4500-4900 Series Medium Duty 9200-9400 Series Conventionals 9600-9800 Series Cabovers 3000-3900 & Amtran School Bus Series 



S-3072

S-19488

## DRAG LINKS



S-4707

S-A828

S-C618

S-A719

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-23612	ETN0815326 2515-723-C	Tube Length 60" Tube Diameter 1.66" Consists Of One Each 817018 & 817019 Tie Rod Ends
S-23613	971443	Eaton E1200W Front Axles
S-4707	FDL970A FDL970 400745C	CargoStar Series Length: 14 <sup>3</sup> / <sub>4</sub> " FA98 & 101 Front Axles
S-A828	FDL979A FDL979	8000 Series (1998 & Before) Length: 18 <sup>9</sup> / <sub>64</sub> "
S-A719	FDL1214A 1661437C92	Series & 8000 Series COF5870 Length: 17 <sup>43</sup> / <sub>64</sub> "
S-C618	FDL1215A FDL1215 661867C91	I60S & I80S Front Axles Length: 17 <sup>15</sup> / <sub>32</sub> "



S-23612

S-23613

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## KING PIN KITS



S-17327

NEWSTAR #:	OEM #:	DIMENSIONS:	REPLACEMENT FOR TRW #:	REPLACEMENT FOR MERITOR #:	APPLICATIONS:
<b>S-4949</b>	493095C91 FAK 4500 FAK 5447 FAK 5448 337KK100	1 39/64" x 9 5/32"	K554B	R200057 Bronze	FA309 Single Drawkey Axle Models
<b>S-5134</b>	586806C91 FAK 4516 FAK 5451 309KK102	1 39/64" x 9 5/32"	K571B	R200073 Bronze	FA309 Double Drawkey Axle Models
<b>S-7801</b>	588808C91 FAK 4517 343KK105	1 39/64" x 9 21/32"	K535B (K572B)	R200074 Bronze	FA118, 127, 139, 309, 329, 339, 342 & 401 Double Drawkey Axle Models
<b>S-6942</b>	FAK 4538	1 39/64" x 8 3/4"	K526D	R200156 Nylon (ROR 156)	Meritor FE-970 Axle Models
<b>S-6943</b>	FAK 4550 FAK 4539 303138C92	1 39/64" x 8 3/4"	K526B	R200157 Bronze (ROR 157)	Meritor FE-970 Axle Models
<b>S-6944</b>	FAK 4540	14 51/64" x 9 1/8"	K504	R200167 Nylon (ROR 167)	Meritor FD-211, 215, 216 & 218 Axle Models
<b>S-6945</b>	FAK 4541	1 63/64" x 11 3/64"	K542D	R200168 Nylon (ROR 168)	Meritor FL-901 & FH-901 Axle Models
<b>S-6946</b>	FAK 4571 FAK 4542 301-SQ-44 303140C92	1 63/64" x 11 3/64"	K541B	R200170 Bronze (ROR 170)	Meritor FL-901 & FH-901 Axle Models
<b>S-6947</b>	FAK 4551 FAK 4544 303139C91	1 51/64" x 9 1/8"	K510B	R200172 Bronze (ROR 172)	Meritor FA-211, 215, 216 & 218 Axle Models
<b>S-6950</b>	FAK 4559 FAK 4553 452344C91	1 51/64" x 10 13/32"	K534B	R200199 Bronze (ROR 199) R200193	Meritor FF-921 Axle Models
<b>S-6949</b>	FAK 4558 474520C91 597258C91	1 63/64" x 11 7/32"	K547B	R200198 Bronze (ROR 198)	Meritor FL-931 Axle Models
<b>S-6963</b>	FAK 4560	1 39/64" x 9 3/8"	K570B	R201300 Bronze (ROR 1300)	Meritor FF-971 Axle Models
<b>S-6964</b>	FAK 4564	1 51/64" x 10 25/64"	K576C	R201307 E-Z Steer (ROR 1307)	Meritor FF931, 932-934 & 941-944 Axle Models

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**KING PIN KITS**



S-A482

NEWSTAR #:	OEM #:	DIMENSIONS:	REPLACEMENT FOR TRW #:	REPLACEMENT FOR MERITOR #:	APPLICATION:
S-6965	FAK 4566	1 51/64" x 10 25/64"	K583	R201309 E-Z Steer (ROR 1309)	Meritor FF941, 952, FG931, 933, 943, 952, 17100, 17101 Axle Models
S-8513	FAK 4567	1 51/64" x 10 25/64"	—	R201310 Bronze (ROR 1310)	Meritor FG931 Axle Models
S-8529	FAK 4568 597258C91	1 63/64" x 11 7/32"	K585	R201312 E-Z Steer (ROR 1312)	Meritor FL931, 941, 943, 951 Axle Models
S-8678	FAK4570 TDAR201315	1 51/64" x 10 25/64"	K582	R201315 E-Z Steer (ROR 1315)	Meritor FO & FF961 Axle Models
S-6485	806355 FAK 4572 1008431 ETN806355	1 5/8" x 9 13/64"	K584	R200267 E-Z Steer	Dana/Eaton EFA12F4 Axle Models
S-6486	806356 FAK 4573	1 5/8" x 9 13/64"	K586	R200251 E-Z Steer	Dana/Eaton EFA12F3 & 13F3 Axle Models
S-9304	FAK 4582 1660271C91 1660271C92	1 23/64" x 7 31/32"	K592	R200268 Bronze	I60 & 80 Double Drawkey Axle Models
S-8371	806355B FAK 4583	1 5/8" x 9 13/64"	K609	R200269 Bronze	Dana/Eaton EFA12F4 Axle Models
S-A811	FAK 4601	1 59/64" x 9 7/8"	K602	R201426 Bronze	I100S & I120S Axle Models
S-D562	823078B FAK 4610 ETN038342	1 51/64" x 9 3/64"	—	R200281 Bronze	Dana/Eaton E1000I & 1200I Axle Models
S-5223	473695C91 1648204C91 FAK 5444 FAK 5452 101KK109 101KK110 FAK4519	1 23/64" x 7 31/32"	K549B	R200052 Bronze	FA71, 73, 74, 101, 103 & 104 Single Drawkey Axle Models
S-4988	1658934C91 FAK 5453 343KK103	1 39/64" x 9 21/32"	K594	R200278 E-Z Steer	FA118, 127, 139, 309, 339, 342 & 401 Double Drawkey Axle Models
S-A483	FAK 5455 1668411C92 120KK100	1 59/64" x 9 7/8"	K602C	E-Z Steer	I100S & I120 Non-Driving Garlock Bushing Axle Models
S-A484	FAK 5456 140KK100 1668412C92	2 3/64" x 10 1/8"	K603C	E-Z Steer	I140S Non-Driving Axle Models
S-13563	1668412C91	2 3/64" x 10 1/8"	K603	Bronze R201427	I140S Axle Models
S-17327	2505495C91	1 63/64" x 11 7/32"	—	R201475 E-Z Steer	MFS18 w/ E-Z Steer Bushings
S-A482	FAK5454	1 23/64" x 7 31/32"	K592C	E-Z Steer	I60 & 80 Double Drawkey 6/8k Lbs. Front Axle Models 3800 School Bus Series

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SUSPENSION

## NUTS



S-9415



S-17567



S-5753



S-A973



S-4688

NEWSTAR #:	REPLACES #:	DESCRIPTION:	APPLICATION:	DIMENSIONS:
S-5070	144425H	Nylon Suspension Locknut	—	7/8" - 14 UNF
S-2245	41419V	All Metal Wheel Nut	—	3/4" - 16 UNF
S-2889	41420V	All Metal Wheel Nut	—	3/4" - 16 UNF
S-4955	50325R1	All Metal Wheel Nut	—	2 1/16"
S-4961	54495R2	All Metal Wheel Nut	—	3/4" - 10 UNF
S-7665	83155H	All Metal Wheel Nut	—	1 1/8" - 16 UNF
S-7666	83156H	All Metal Wheel Nut	—	1 1/8" - 16 UNF
S-7622	144424H	Nylon Suspension	—	3/4" - 16 UNF
S-4700	388355C1	All Metal Axle	—	1 3/4" - 12
S-4737	414087C1	All Metal Suspension	—	1/2" - 20 UNF
S-4738	414089C1	All Metal Suspension	—	5/8" - 18 UNF
S-4740	416743C1	All Metal Suspension Grade C Flange Locking	—	3/4" - 16
S-5848	421913C1	Castellated Axle	—	1 3/4" - 12 UN
S-3929	440302C1	All Metal Axle	—	1 3/4" - 12
S-C106	591219C1	Nylon Transmission	—	1 1/4" - 18 THD
S-4740	1675448C1	All Metal Suspension	—	3/4" - 16 NF
S-9720	1696471C1	Nylon Axle	—	1 1/2" - 12 NPT
S-13453	1696474C1	Nylon Axle	—	1 3/4" - 12 UN
S-7622	2003027C1	Nylon Axle	—	3/4" - 16 NF
S-4740	2502028C1	All Metal Suspension	—	3/4" - 16 NF
S-9195	BX239357	All Metal Air	—	7/8" - 20
S-5848	ETN0083799	Castellated Axle	—	1 1/4" - 18
S-6603	FUL22254	Nylon Transmission	—	2" - 16
S-4688	36415H 53395H	Wheel Nut	—	2 1/2" - 12 OD: 3 1/4" Width: 31" 6 Point
S-17567	27293R1	RA472 Series Lock Nut	—	9/16" - 12 NF
S-16983	144422H	Lock Nut	—	9/16" - 18
S-A973	1685173C1	Lock Nut	—	M45
S-5753	586049C1	Magnetic Plug	—	3/4" -14 NPT
S-9415	1649492C1	Wheel Nut	—	M22 X 1.5 33mm x 31mm
S-A213	2000231C1	Lock Nut	4000 Series Medium Duty 5000 Series Severe Duty 2500 & 2600 Heavy Service Models	—

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## SPRING PINS & COMPONENTS

### COMPLEMENTARY COMPONENTS



NEWSTAR #:	REPLACES #:	DESCRIPTION:	LENGTH:	PRODUCT INFORMATION:
S-5779	507203C1	Front Bracket Spring Pin	7 3/8"	8100-8300 & 9100-9400 Series Conventionals 9600-9900 Series Cabovers
S-2634	688952R1	Front & Rear Spring Pin	7 3/8"	5000-5900 Models
S-5601	688951R1	Spring Pin Bushing	4"	—



NEWSTAR #:	REPLACES #:	DESCRIPTION:	LENGTH:	PRODUCT INFORMATION:
S-C302	1698113C1	Spring Eye Bushing	4"	4500-4900 Models RE300 & 3000-3900 School Bus Series 
S-19965	ZAK300577L	Spring Eye Bushing	4"	Hendrickson Split Bushing Design
S-19820	3515801C1	Spring Eye Bushing	4"	2000, 4000, 8000 & 9000 Series 3000, FE300 & Amtran School Bus Series 
S-5087	1648109C1 468703C2	Front Bracket Spring Pin	7"	1700-2500 Models (1989 & Before)
S-7579	1671766C1	Rear Bracket Spring Pin	5 35/64"	4500-4900, 9200-9400 Series Conventionals 9600-9800 Series Cabovers 3000-3900 & Amtran School Bus Series 
S-7580	1661976C3 3511254C1	Front Bracket Spring Pin	7"	4500-4900 & 8100-8300 Series 3400-3900 School Bus Series 
S-5088	1648110C1 468704C2	Rear Bracket Spring Pin	6 5/16"	1700-2500 Series Medium Duty (1989 & Before)
S-2409	206258R3	Main Rebound Spring Pin	5 1/2"	4100-4900 & 9100-9900 Series Conventionals 3000-3900, Amtran, CE & FE School Bus Series 

## TIE ROD ENDS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-5056	FTR187L FLT187L NSSK187L	110362R92 NSS187L FD, FE & FG900 Axle Models
S-5057	FTR187R USK187R NSSK187R	NSS187R 110363R92 FD, FE & FG900 Axle Models
S-4767	FTR373R 450062C	1660272C92 FA71, 73, 74, 101, 103 & 104 Axle Models
S-4768	FTR373L FTR373LA	450063C 1660273C92 FA71, 73, 74, 101, 103 & 104 Axle Models



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## TIE ROD ENDS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-7459</b>	FTR411L NSSK411L NSS411L FTR411LA	1649637C USK411L 507835C91 447094C91 FA109, 118, 339, 342, 309, 127, 341, 340, 329, 139 & 337 Axle Models
<b>S-7460</b>	FTR411R 507836C91 447095C91 1649638C	FTR411RA NSSK411R NSS411R USK411R FA109, 118, 339, 342, 309, 127, 341, 340, 329, 139 & 337 Axle Models
<b>S-7358</b>	FTR423L	506661C91 Meritor FF921, 931, 932, 941, FA109, 139, 309, 329, 339 Axle Models
<b>S-7357</b>	FTR423R 507838C91 FTR423RA	1681456C91 506662C92 Meritor FF921, 931, 932, 941, FA109, 139, 309, 329, 339 Axle Models
<b>S-5048</b>	FTR431L	FH901 & FL901 Axle Models
<b>S-5049</b>	FTR431R FTR431RA NSS431R	NSK431R 969056R91 FH901 & FL901 Axle Models
<b>S-8634</b>	FTR2069R	FLT2069R FO90, 120 & D Axle Models
<b>S-8635</b>	FTR2070L	FLT2070L FO90, 120 & D Axle Models
<b>S-6659</b>	FTR2090L FLT209L FLT3033L	FTR3033L NSSK2090L NSS2090L FL931, 941 & FH901 Axle Models
<b>S-5988</b>	FTR2091R FTR3034R 442354C91 5066844C91 581063C91 FTR2202R FTR2204R	FTR2204RA 590584C91 FTR3034RA FTR3302R NSSK2091R NSS2091R FL931, 941 & FH901 Axle Models
<b>S-6659</b>	FTR3033L FLT2090L	FLT3033L FTR209L FL931, 941 & FH901 Axle Models
<b>S-E395</b>	FTR3476	FLT3476 E10001, 12001 & 13201 Axle Models
<b>S-E394</b>	FTR3477	FLT3477 E10001, 12001 & 13201 Axle Models
<b>S-A764</b>	FTR8224 FLT3204L	1668224C91 16, 051 & 805 Axle Models
<b>S-A765</b>	FTR8225 FLT3205R	1668225C91 16, 051 & 805 Axle Models
<b>S-D639</b>	FTR8407 FLT3217L	1668407C91 1405 Axle Models
<b>S-D640</b>	FTR8408 FLT3218R	1668408C91 1405 Axle Models
<b>S-B599</b>	FTR8409 FLT3219L	1668409C91 12, 051 & 405 Axle Models
<b>S-B600</b>	FTR8410 FLT3220R	1668410C91 12, 051 & 405
<b>S-F505</b>	1658946C91	S Series For Dropped I-Beam
<b>S-F506</b>	1658947C91	S Series For Dropped I-Beam
<b>S-12090</b>	263498C91 FLT235NL	FTR235NL FA68, 72 & 89
<b>S-12091</b>	263499C91 FLT235NR	FTR235NR FA68, 72 & 89



SUSPENSION



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## TORQUE RODS

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-E913	493920C3	Length: 18 1/8" (Center to Center)
	581271C1	
	3581271C91	



S-E913

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-14653	501565C2	3800 Models Length: 25 1/4" (Center to Center) 3000FE, IC & RE School Bus Series  3400, 3600 & 3900 School Bus Series (May 1997 & Before) 
	3580088C91	
	3548381C	
	3580088C1	



S-14653

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-E914	2504006C91	Length: 22" (Center to Center)



S-E914

## TORQUE ROD BUSHINGS



S-19962



S-17746







S-11965



S-3888



S-19963

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-17746	1693546C1	4500-4900 & 9200-9400 Series Conventional Cabovers 9600-9800 Series Cabovers 3000 School Bus Series (May 1997 & Before) 
S-11965	1693060C1	4500-4900 & 9200-9400 Series Conventional Cabovers 9600-9800 Cabovers 3000 School Bus Series (May 1997 & Before) Works w/ S-7580 
S-19962	1693061C1	3000 School Bus Series (May 1997 & Before)  Works w/ S-7580
S-19963	1693066C1	Hendrickson Applications Works w/ Pin Style Torque Rods 4500-4900 & 9200-9400 Series Conventional Cabovers 9600-9800 Series Cabovers 3400-3800 School Bus Series 
S-3888	322069C91	Cargostar Models w/ Hendrickson Suspensions

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## SHOCK ABSORBERS




S-D894



S-5421



S-11797

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-D894</b>	1664788C2 2032533C1 2015556C1 AMS565107 3571711C1 3571712C1	4500-4900 Series Medium Duty 8000 Series Heavy Duty 9000 Series Premiums 14,000 lb. Suspension
<b>S-5421</b>	503610C2 AMS600103 AMS6886	9300-9800 Premium Conventional & Cabovers 10,800-14,600 lb. Suspension
<b>S-11797</b>	3514952C1 H60675003	4000 Series Medium Duty 5000 Series Severe Duty 9000 Series Premium Conventionals 14,000 lb. Suspension
<b>S-17728</b>	3586883C1	9200, 9400 & 9900 Premium Conventionals 12,000-18,000 lb. Suspension
<b>S-F385</b>	2018987C2 1675455C1 504553C91 AM565409 1690035C1	3000 School Bus Series  9800 Series Premium Cabovers 14,000 lb. Suspension

## SHACKLES





S-3137



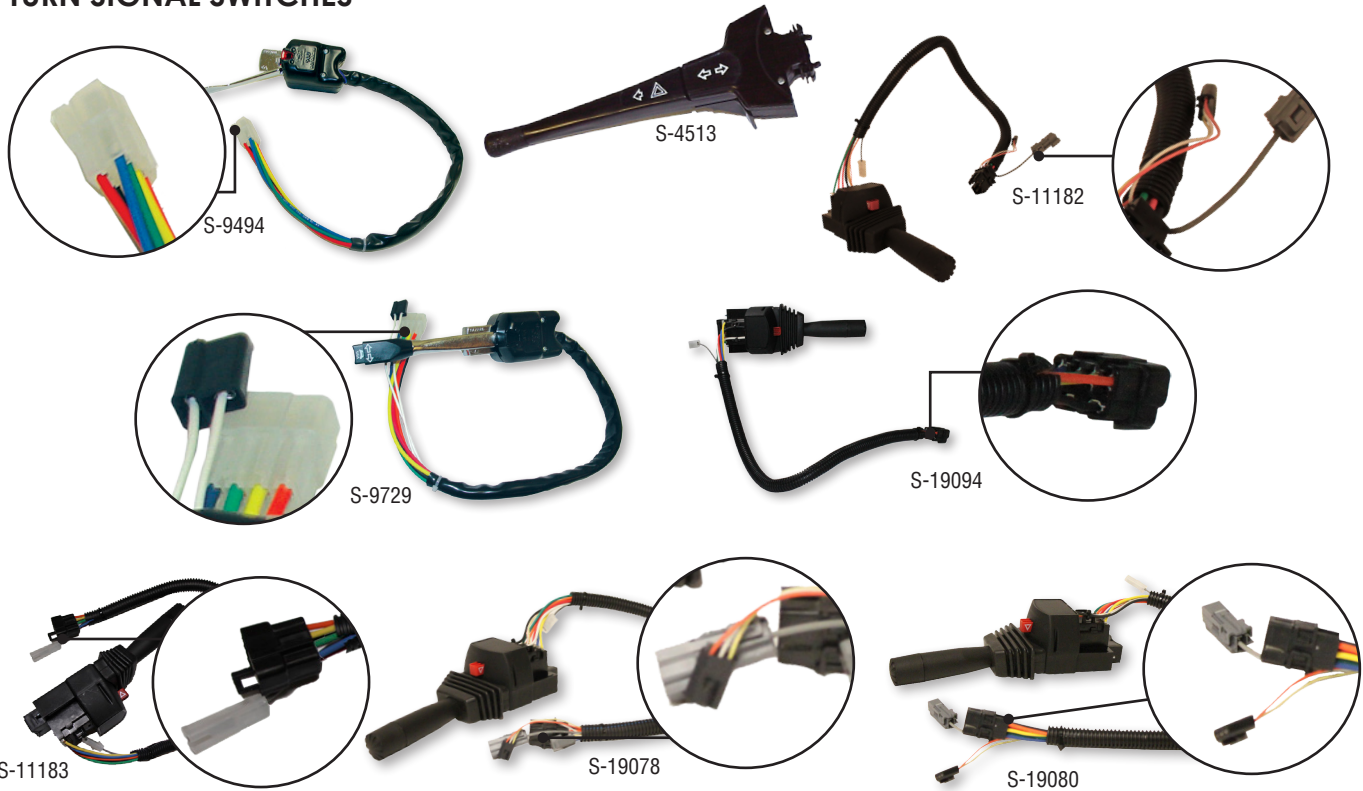
S-A730








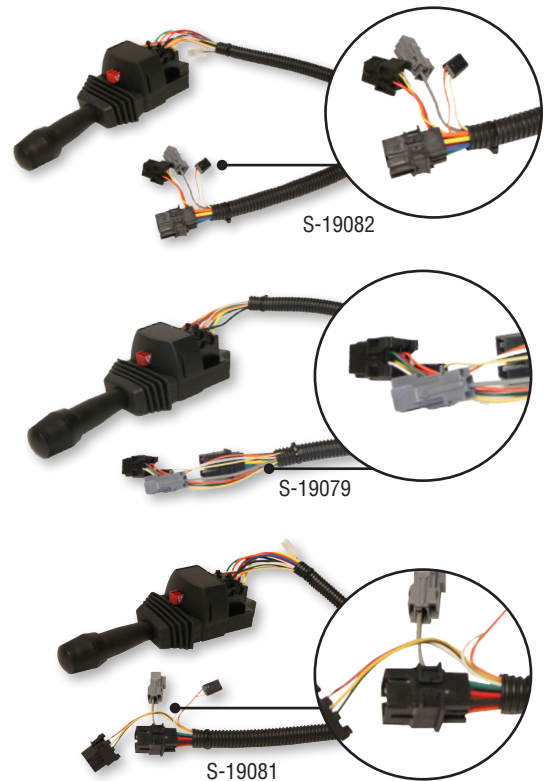
S-11752

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-8733</b>	1654269C1	Shackle	8000 Series Dimensions: 5-3/4"
<b>S-A730</b>	1664223C1	Shackle Front Spring	3000 School Bus Series  4500-4900 Series Medium Duty Dimensions: 6"
<b>S-11752</b>	571960C1	Hanger Pad	3000 FE, IC, RE School Bus Series 
<b>S-3137</b>	346130C1	Shackle	CargoStar Series Cast Iron Design Dayton 4-Spring

## TURN SIGNAL SWITCHES



NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-4513</b>	471302C91	S Series Medium Duty School Bus 
<b>S-9494</b>	775863C93 1663595C91	S Series Medium & Heavy Duty Non-Canceling Switch
<b>S-9729</b>	1616317C91	4000 & 8000 Series
<b>S-11182</b>	3566936C91 TL963Y100 2002875C91	4000 Series Medium Duty School Bus  Works w/o Head Lamp Dimmer & Wiper Control
<b>S-11183</b>	3566941C91 TL962Y101 2034257C91	4000 Series Medium Duty School Bus  Works w/o Head Lamp Dimmer & Wiper Control Includes Hazard Control
<b>S-19094</b>	3566935C91	3400-3900 Models (May 1997 & Before) Medium Duty School Bus Series  Basic Switch w/ Hazard
<b>S-19078</b>	3566939C91	3400-3900 School Bus Series (May 1997 & Before)  4500-4900 Series Medium Duty Basic Switch w/ Hazard & Extended Harness
<b>S-19082</b>	3566945C91	4700 Series Medium Duty Switch w/ Hazard & Extended Harness
<b>S-19079</b>	3566942C91	4500-4900 Series Medium Duty Warning Hazard & Wiper/Washer Control
<b>S-19080</b>	3566943C91	4500-4900 Series Medium Duty Basic Switch w/ Hazard
<b>S-19081</b>	3566944C91	4500-4900 Series Medium Duty Switch w/ Hazard & Extended Harness



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## DIMMER SWITCHES

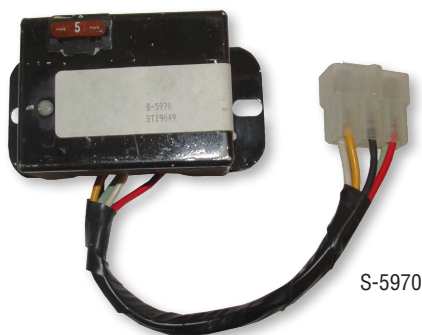
### COMPLEMENTARY COMPONENTS



**DIMMER SWITCH**  
S-4356

**KNOB**  
S-13970

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-15543	393442ASSY	Switch & Knob Assembly	4000 & Medium Duty S Series
<b>CONSISTS OF:</b>			
S-4356	393442C1	Dimmer Switch	4000 & Medium Duty S Series
S-13970	469859C1	Knob	



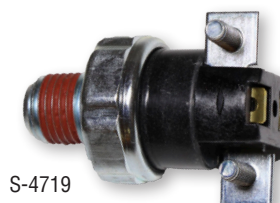
S-5970

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-5970	577295C1	Dimmer Switch	9370 & 9670 Models

## STOP LIGHT SWITCHES



S-5934



S-4719

NEWSTAR #:	REPLACES #:	TYPE:	DESCRIPTION:	SIZE:
S-4687	358560C1 2589993C	2 Terminal	Stop Light Switch	2 Prong - 1/4"
S-4719	505026C1 873706R91	2 Terminal	Sealed Stop Light Switch	1/4" NPT
S-9093	598860C1	2 Terminal	Sealed Stop Light Switch	1/4" NPT
S-A264	BX228600	2 Terminal	Replacement for Bendix SL-4 Style	1/4" NPT

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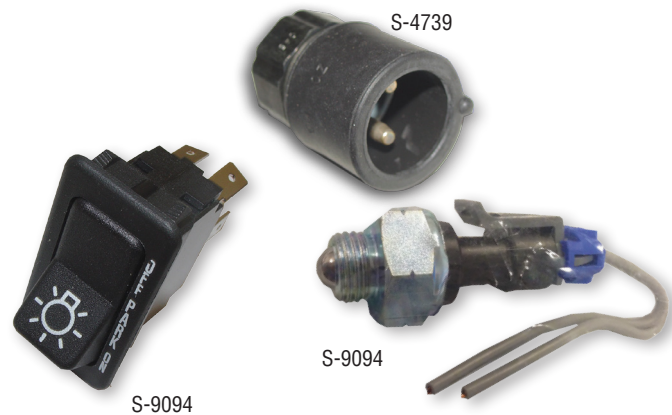
## IGNITION SWITCHES

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
<b>S-3600</b>	344688C91 429047C1 468438C91	Universal
<b>S-9348</b>	1652306C91 1652307C91	4000 & 8000 Series



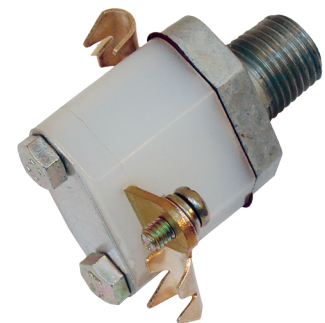
## BACKUP, BRAKE & HEAD LAMP SWITCHES

NEWSTAR #:	REPLACES #:	DESCRIPTION:
<b>S-4739</b>	416372C1	Brake Switch Backup Lamp Switch
<b>S-2523</b>	434297C1	Heater Switch
<b>S-2938</b>	454925C1	Backup Lamp Switch
<b>S-2661</b>	509190C2	Toggle Switch
<b>S-9104</b>	1646970C1	Backup Lamp Switch
<b>S-9094</b>	1661234C3	Head Lamp Swicth
<b>S-A824</b>	1699216C91	Backup Lamp Switch

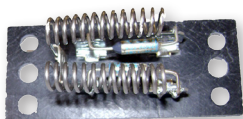


## LOW PRESSURE SWITCHES

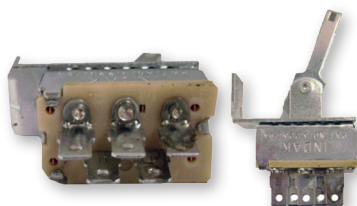
NEWSTAR #:	REPLACES #:	TYPE:	DESCRIPTION:	SIZE:
<b>S-4817</b>	505027C1	1 Terminal	Sealed	1/4" NPT
<b>S-9127</b>	1658820C1	1 Terminal	Sealed	1/8" NPT
<b>S-A265</b>	BX228750	2 Terminal	Replacement for Bendix LP-3 Style	1/4" NPT
<b>S-A266</b>	BX279416	1 Terminal	Replacement for Bendix LP-3 Style	1/4" NPT



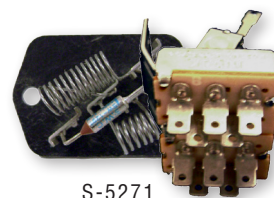
## BLOWER SWITCHES




S-17953



S-9712





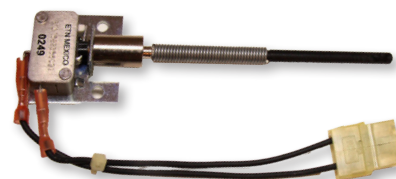
S-5271

NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
S-9712	472253C1	Toggle Blower Switch	Universal 5 Terminal
S-17963	501087C3	Toggle Blower Switch	5000 Series 9200-9400 Conventional Models 9600-9800 Cabover Models Terminal
S-5271	506552C1	4 Speed Blower Resistor	9400 Series 4 Terminal
S-19400	1661420C1	Blower Switch	4000, 5000, 8000 & 9000 Series 3000 School Bus Series (May 1997 & Before) 
S-17953	1696836C1	Blower Resistor	2000, 4000 & 8000 Series 12V, W2 152C Fuse
S-17242	2503727C1 ZGG71400D	4 Speed Blower Resistor	5000 & 9000 Series 121C Fuse

SWITCHES

## CRUISE CONTROL SWITCHES

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-E178	1622366C91	2000 & 8000 Series 3000 School Bus Series (May 1997 & Before)  3800 School Bus Series (May 1997 & Up) 



S-E178

## SOLENOID SWITCHES



S-D895



S-A649

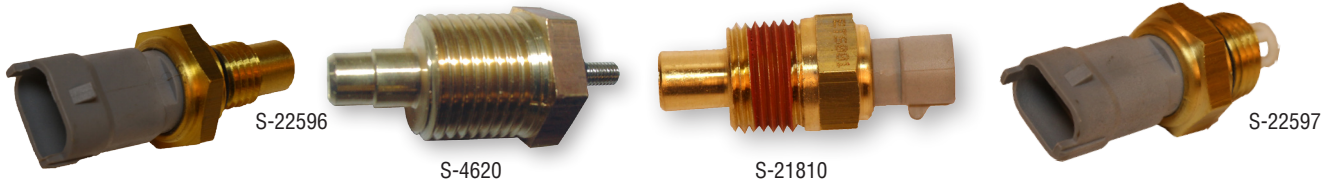



S-E555

NEWSTAR #:	REPLACES #:	PRODUCT INFORMATION:
S-D895	286786C1	40 & 50 MT
S-A649	1693479C91 1618940C1	Prestolite Systems
S-E555	1115598	42 MT New No Core Charge

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## OIL SENSORS & GAUGES



NEWSTAR #:	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-2935</b>	143240R91 1513678C92	Oil Pressure Sender	Loadstar & Cargostar Models
<b>S-4620</b>	479758C1	Oil Sender Gauge	S Series Medium & Heavy Duty
<b>S-5018</b>	777700C91	Oil Sender	5000 Series 9200-9400 Conventional Models 9600-9800 Cabover Models
<b>S-21810</b>	1675751C1	Temperature Sender Gauge	3000, Amtran, FE & RE300 School Bus Series  4000 Series Medium Duty 5000 Series Severe Duty 9000 Series Premium Cabovers
<b>S-22596</b>	1836-537-C91	Oil Temperature Sensor	DT466 Engine Models 4100-4400 Series Medium Duty BE200, CE200, 300, FE600 & RE300 School Buses
<b>S-22597</b>	1836-539-C91	Manifold Air Sensor	DT466 Engine Models 4100 - 4400 Series Medium Duty BE200, CE200, 300, FE600 & RE300 School Bus Series

SWITCHES

## ADDITIONAL ELECTRICAL COMPONENTS



NEWSTAR # :	REPLACES #:	DESCRIPTION:	PRODUCT INFORMATION:
<b>S-5126</b>	277055C91	Horn Relay	1700-2500 Series Medium Duty (1989 & Before) 9600-9700 Cabover Models
<b>S-5129</b>	287116C91	Choke & Throttle Control	Loadstar & Cargostar Models
<b>S-4690</b>	361974C1	Escutcheon	V345 & V392 Gas Engine Models
<b>S-4751</b>	433178C1	Breaker, 30 Amp	1700-2500 Series Medium Duty (1989 & Before) 9600-9700 Cabover Models
<b>S-4945</b>	493068C1	Ignition Condenser	1700-2100 Series Medium Duty (1989 & Before)
<b>S-2214</b>	877313R92	Distributor Cap	V345 & 392 Engine Models
<b>S-9442</b>	1681254C1	Brake Relay	4500-4900 Series Medium Duty (1997 & Before)
<b>S-A604</b>	1688312C1	Warning Buzzer	3000-3900 & Amtran School Bus Series  4500-4900 Series Medium Duty 9200-9400 Models 9600-9800 Series Cabovers
<b>S-C379</b>	1688314C1	Control Module	8100-8300 & 3000 Series 3400, 3600, 3800, Amtran & FE School Bus Series  4500-4900 Series Medium Duty
<b>S-C380</b>	2026910C1	Horn & B-Up Alarm	3000, 3400, 3600, 3800, Amtran & FE School Bus Series  4500-4900 Medium Duty & 8100-8300 Models

ADDITIONAL COMPONENTS

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## AIR & BRAKE

## AIR & BRAKE

## AIR & BRAKE

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S-22528	103818	11
S-13761	107979	7
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S-13761	107981	7
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S-13761	109110	7
S-13761	109111	7
S-13761	109136	7
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S-13753	109141	8
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S-17326	109863	8
S-17326	109864	8
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S-C446	286880	12
S-22527	287053	11
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S-13761	800469	7
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S-21431	3681904	9
S-21435	3944524	9
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S-13761	12546827	7
S-13761	15977688	7
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S-21435	9111535300	9
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S-8328	ZZKN32011	13
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S-17326	131-6679	8
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S-13753	164-7567	8
S-13295	1646750C1	16
S-B360	1657081C91	18
S-A782	1658443C91	14
S-A917	1669311C91	15
S-A917	1669312C91	15
S-13753	167-1288	8
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S-B360	1695989C91	18
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S-13761	2003253C94	7
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S-3502	232040R91	17
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S-3145	233009R1	17
S-3886	233010R11	17
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S-13998	2501841C91	15
S-21128	2509252C92	15
S-10131	2509254C91	15
S-E585	254468C1	14
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S-11177	2596609C1	16
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S-13295	2596611C1	16
S-13761	2991783C91	7
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S-21431	3104216RX	9
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S-B359	340-4975	18
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S-B362	343-4075	18
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S-B364	343-4249	18
S-11177	3531661C2	16
S-E743	3531662C1	16
S-13295	3531663C2	16
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S-A173	388912C91	17
S-C120	388914C1	17
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## AIR & BRAKE

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S-13753	61-3909	8
S-4252	990952C93	15
S-E738	990953C93	14
S-D418	990956C91	14
S-13753	9Y-6320	8
S-9046	A-3736-K-375	17
S-3886	A-3787-N-14	17
S-C120	A-3787-Q-17	17
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S-13753	OR-8442	8
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S-21435	R9559111535300X	9
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S-18888	1699930C92	21
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S-18193	2023778C1	19
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S-21821	3544924C1	21
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S-18196	3551824C	20
S-18195	3551825C	20
S-11605	3558776C1	21
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S-22729	3561966C1	25
S-18199	3566716C2	24
S-18200	3566717C2	24
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S-19899	3574387C94	25
S-19900	3574388C94	25
S-21122	3588532C2	22
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S-22795	3596016C95	26
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S-9439	497840C96	64
S-21185	503401C2	52
S-3938	503579C1	63
S-6031	506017C1	52
S-7601	508999C2	64
S-7625	530874R1	55
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S-D967	554318C1	57
S-4333	554319C1	57
S-3777	583955C1	63
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S-2595	80445R1	63
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S-8476	EC40PLA	56
S-22683	EC40PLA-R	56
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S-21358	FRE 1020-00001	53
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SSFS1000	FS1000	61
SSFS1212	FS1212	61
S-21372	FS19624	61
S-7664	L17446	58
SSLF3620	LF3620	61
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SSLF689	LF689	61
SSLFP9000	LF9000	61
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S-14513	ZBH994205	58
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S-4965	ZF589527B	57
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S-17959	651186	76
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S-21390	1099014	68
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S-17939	1813008	76
S-17959	2013005	76
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S-17950	1664769C92	74
S-21390	1669786C1	68
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S-17239	1699949C1	69
S-22385	1699950C1	75
S-17240	1699956C2	72
S-19500	18-01800	70
S-23110	2000655C2	71
S-23021	2009378C2	71
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S-17948	2303279C1	68
S-17955	2502459C91	73
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S-17961	2507482C92	71
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S-19297	2509451C91	73
S-23022	2585373C2	71
S-17958	2586812C91	71
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S-19248	3527631C91	73
S-17936	3529263C1	76
S-20950	3542575C2	74
S-21164	3542576C2	75
S-17246	3542577C2	70
S-21613	3542578C2	77
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S-20957	3543881C1	74
S-20956	3543882C1	74
S-17940	3546241C1	77
S-19049	3547917C1	73
S-17939	3548044C1	76
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S-20524	3622764C3	76
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S-18994	3660853C2	74
S-22384	3666273C1	70
S-17944	3670132C1	75
S-20544	3670134C1	70
S-21198	3674285C1	69
S-17248	367972C92	75
S-17954	369512C92	75
S-20617	3839141C1	72
S-17960	4140-01-199-4589	68
S-4889	450907C1	75
S-8584	465502C1	68
S-17951	481813C1	72
S-7670	498144C1	72
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S-17957	581691C1	77
S-23316	6102498C92	70
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S-19049	ABPN83-304314	73
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S-B215	1644377C91	78
S-B215	1647567C91	78
S-7982	1648256C91	82
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S-B216	1655606C91	78
S-B216	1655607C91	78
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S-E036	1663631C1	82
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S-D654	1668438C91	81
S-7627	1671216C93	81
S-B216	1671589C91	78
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S-9502	1675138C91	81
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S-17041	1682625C91	78
S-D484	1682626C91	78
S-B216	1684290C91	78
S-D694	1685190C91	82
S-11556	1685676C91	82
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S-11558	1691583C91	82
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S-7985	1693937C91	82
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S-11557	1696908C91	82
S-19406	1829802C1	83
S-17552	2005337C91	78
S-16201	2502008C91	82
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S-9501	2505258C91	81
S-20704	2507061C1	83
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S-11556	2585853C91	82
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S-7984	3243261C91	82
S-D484	3504849C91	78
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S-5370	406280C1	82
S-A525	422479C91	80
S-7988	434031C91	80
S-8000	435673C1	81
S-7943	435854C91	81
S-7943	435854C91	83
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S-7995	482350C91	80
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S-8021	487339C91	81
S-8022	487340C1	81
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S-5897	488787C91	79
S-7997	493133C91	80
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S-4590	582463C91	81
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S-B209	585930C91	79
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S-23519	1812818C2	84
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S-20445	1828345C91	86
S-21205	1830669C92	84
S-20023	1831646C1	85
S-20620	1835985C92	86
S-22453	1839415C91	86
S-20290	1845428C92	86
S-20814	1840078C1	86
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S-20290	1845428C92	86
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S-21364	1850353C2	86
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S-19596	1885812C91	86
S-20813	1889995C91	86
S-9443	2012557C1	85
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S-21840	3529677C1	84
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S-5070	144425H	91
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S-5088	1648110C1	92
S-5223	1648204C91	90
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S-7459	1649637C	93
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S-8733	1654269C1	95
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S-9304	1660271C92	90
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S-A730	1664223C1	95
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S-A484	1668412C92	90
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S-4740	1675448C1	91
S-F385	1675455C1	95
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S-A973	1685173C1	91
S-22467	1685174C1	87
S-F385	1690035C1	95
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S-19962	1693061C1	94
S-19963	1693066C1	94
S-17746	1693546C1	94
S-9720	1696471C1	91
S-13453	1696474C1	91
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S-A213	2000231C1	91
S-7622	2003027C1	91
S-D894	2015556C1	95
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S-2409	206258R3	92
S-4740	2502028C1	91
S-E914	2504006C91	94
S-17327	2505495C91	90
S-23612	2515-723-C	88
S-12090	263498C91	93
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S-11797	3514952C1	95
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S-4434	414052C1	87
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S-4437	414055C1	87
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S-E913	581271C1	94
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S-5134	586806C91	89
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S-5988	590584C91	93
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S-7666	83156H	91
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S-A482	FAK5454	90
S-A719	FDL1214A	88
S-C618	FDL1215	88
S-C618	FDL1215A	88
S-4707	FDL970	88
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S-A828	FDL979A	88
S-5056	FLT187L	92
S-8634	FLT2069R	93
S-8635	FLT2070L	93
S-6659	FLT2090L	93
S-6659	FLT209L	93
S-12090	FLT235NL	93
S-12091	FLT235NR	93
S-6659	FLT3033L	93
S-6659	FLT3033L	93
S-A764	FLT3204L	93
S-A765	FLT3205R	93
S-D639	FLT3217L	93
S-D640	FLT3218R	93
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S-E395	FLT3476	93
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S-5056	FTR187L	92
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S-8634	FTR2069R	93
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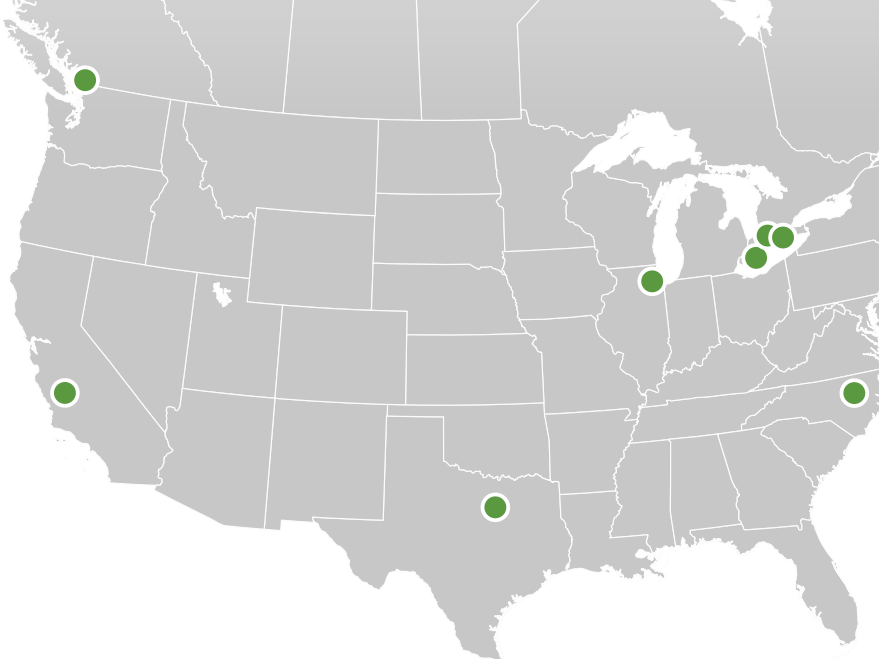


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