

WELLER



2011

STEERING IDENTIFICATION

WELLER
REMAN CENTER

Your Source for Quality Rebuilt and New Truck Parts

\$25.00

THE WELLER REMAN NETWORK

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www.wellertruck.com

Parts Manager

On behalf of Weller Reman, we would be honored to have the opportunity to work with you on your steering gear and power steering pump needs. We can help when you face a stock out or excessive lead time.

We house an extensive inventory of steering gears & power steering pumps for TRW, Sheppard, Saginaw, ZF, Vickers, Luk, Bendix, and Eaton. Also, with our vast inventory of rebuilt and new units in stock and a highly trained steering department, we are ready to work with you on **eliminating your customer's downtime.**

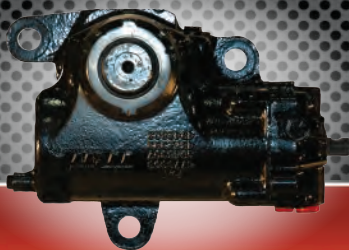
We look forward to hearing from you.

Thank You,

Your Weller Team

Your Weller Team

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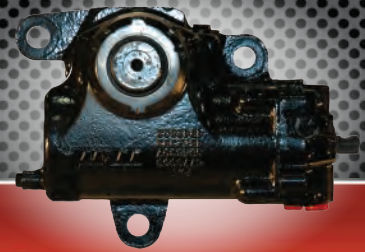
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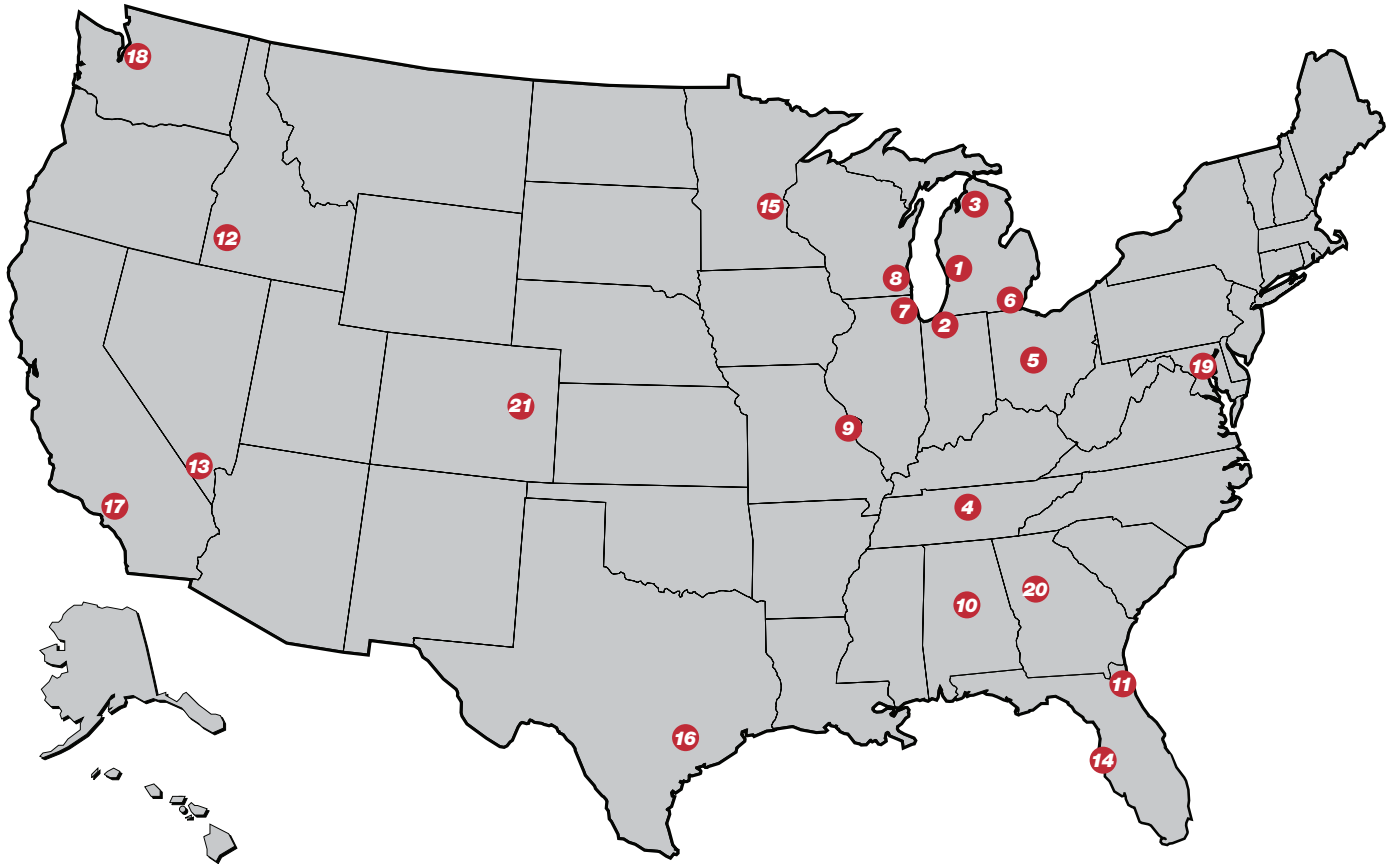
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AVAILABILITY



- Same Day Shipping/Delivery • Weller Pays For The Core Return
- Next Day Air Shipping Available



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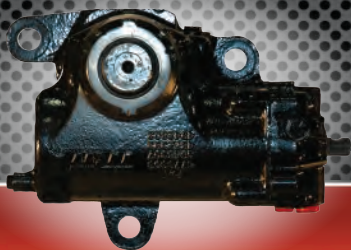
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Mack • Noster • ZF • Meritor.

A complete line of Auxiliaries and Transfer Cases.

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Weller Reman Center, Grand Rapids, MI is an authorized Allison Dealer. Rebuilding on and off-road transmissions and components for Allison • Clark • Dresser • Funk • Twin Disc • Borg Warner.

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All units are tested on our state-of-the-art XLT3 Road Simulator.

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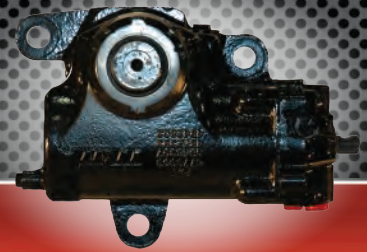
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- Nationwide Coverage
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- Specialists at Obsolete and Discontinued
- First Quality Units
- All Makes Coverage - One Call
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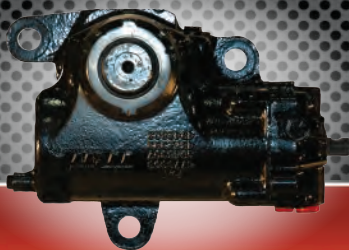
Weller's Unit Exchange program eliminates down time by getting you the parts you need when you need them. With over 3,000 rebuilt steering gears and pumps ready to ship, we can help you eliminate downtime. Consider becoming a key partner in the industry's leading steering program today. With no commitments and no minimums, we are the industry partner for you!

Our aggressive reman program includes:

- All Makes Coverage – One Call
- Same Day Shipping
- Obsolete and Discontinued Specialists
- One-year warranty
- Excellent Core Policy (call for details)
- ASE-certified, manufacturer-trained mechanics
- Technical Support
- Dyno Tested

WELLER REMAN HAS THE ADVANTAGE!

THE WELLER REMAN NETWORK



THE WELLER WAY



“The Weller Way”! It is the first true partnership between a Reman Program and the nation’s top parts, service and repair facilities. That is the Weller Way – to partner in select relationships that successfully provide the customer with the best product and service. No hype, just a true competitive advantage!

If your company focuses on quality repairs and parts, we would like to put our 500 people on your team. Together we can eliminate downtime with complete coverage of all your drivetrain needs.

With 200,000 sq. ft. in Grand Rapids at our remanufacturing centers and extensive

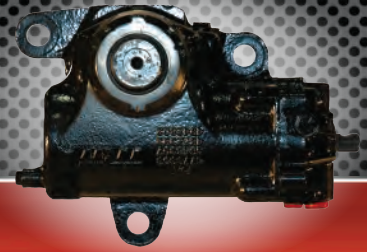
warehousing at our PDC’s and Distributor locations dedicated to drivetrain, we are committed to the industry.

Through our commitment to focus solely on drivetrain components, we have been able to partner with industry leaders. These partnerships put the best product available in the hands of the company that needs it the most, yours or your customer’s truck.

Consider becoming a key partner in the industry’s leading Reman Program today. With no commitments and no minimums, we are the Industry Partner for you!

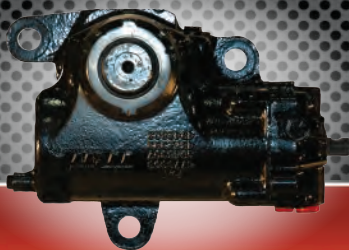
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DYNO TESTING



All steering gears and pumps are tested for performance and leakage.

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INSTALLATION INSTRUCTIONS

STEERING GEAR AND PUMP INSTALLATION INSTRUCTIONS

To insure that your new/rebuilt steering gear/pump will operate properly, the following steps should be made to flush your entire steering systems completely.

1. Disconnect the return line from the gear at the point it is attached to the reservoir. Direct the return line into a minimum 2 gallon container. Temporarily plug reservoir return port tube or fitting. Fill reservoir with recommended fluid. Disconnect ignition system. Jack front wheels up from floor. Restrain vehicle with safety blocks. Engage starter motor and turn wheels simultaneously to full travel until oil is no longer pumped. Unplug reservoir return port tube or fitting. Reconnect return line to reservoir. Remove contaminated oil filter, if so equipped. Wipe reservoir clean with a clean shop towel. Replace oil filter. Fill reservoir to capacity. Reconnect ignition system. Start engine and run for 30 seconds. Shut engine off.
2. Fill (or refill) the pump reservoir to the cold fill mark or just enough to cover the internal filter with the manufacturer's recommended fluid.
3. Start the engine and let run at idle speed for a couple of minutes. Cycle the steering wheel a few times to eliminate entrapped air. For pumps having dipstick showing hot full only, all the truck to reach operating temperature before stopping the engine. For units with cold fill marks, the engine may be stopped after cycling. Fill to indicated levels on sight gauge or dipstick, (depending on the model).

NOTES

ADJUSTMENT PROCEDURES

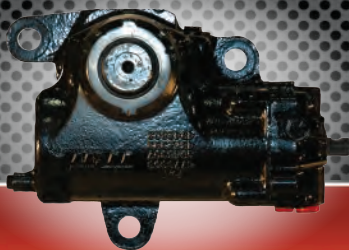


ADJUSTMENT PROCEDURES FOR AUTOMATIC POPPET VALVES

For TRW TAS, Sheppard M-Series with a part number ending in 3, ZF 8014, 8016, 8018, 8097, 8098

Adjusting the relief valve plungers is critical to the operation of your complete steering system. The relief plunger adjustment is provided to automatically reduce the steering pressure when the road wheels have reached their limits of turn. This keeps the supply pump from operating at maximum relief pressure when the road wheels are at their steering limits. System temperatures are therefore reduced, and high stress loads on the mechanical components of the steering systems are relieved.

1. Ensure that the steering gear is not rotated from the center position prior to installation.
2. Make sure that the axle stops are present and set for the proper turning radius as per manufacturer's specifications.
3. Install steering gear to frame.
4. Attach and torque input yoke. Connect hydraulic hoses.
5. Attach pitman arm and torque nut and bolt assembly.
6. Make sure that the timing mark on the sector shaft is:
 - A. 90 degrees from center line of worm shaft.
 - B. Properly aligned with the mark on the pitman arm.
7. Make sure the pitman arm positioning allows for the center point of the sector and the center point of the drag link to be plumb with each other.
8. With the wheels square to the frame, check the drag link for proper adjustment and install.
9. Fill reservoir, start engine, and allow to idle only. Do not allow the reservoir to run low on fluid.
10. With the front axle lifted off the ground and the engine at idle, turn the steering wheel all the way in one direction until "steering stops" bottom out. Repeat procedure in the opposite direction. Return wheels to straight ahead. Lower front axle back to the ground.
11. Poppets are now set and any remaining air should be bled.



ADJUSTMENT PROCEDURES

RELIEF PLUNGER ADJUSTMENT PROCEDURE

For TRW-HF, HFB, Sheppard 292, 392, 492, 592, M-series with a part number ending in 1.

Adjusting the relief valve plungers is critical to the operation of your complete steering system. The relief plunger adjustment is provided to automatically reduce the steering pressure when the road wheels have reached their limits of turn. This keeps the supply pump from operating at maximum relief pressure when the road wheels are at their steering limits. Systems temperatures are therefore reduced, and high stress loads on the mechanical components of the steering system are relieved.

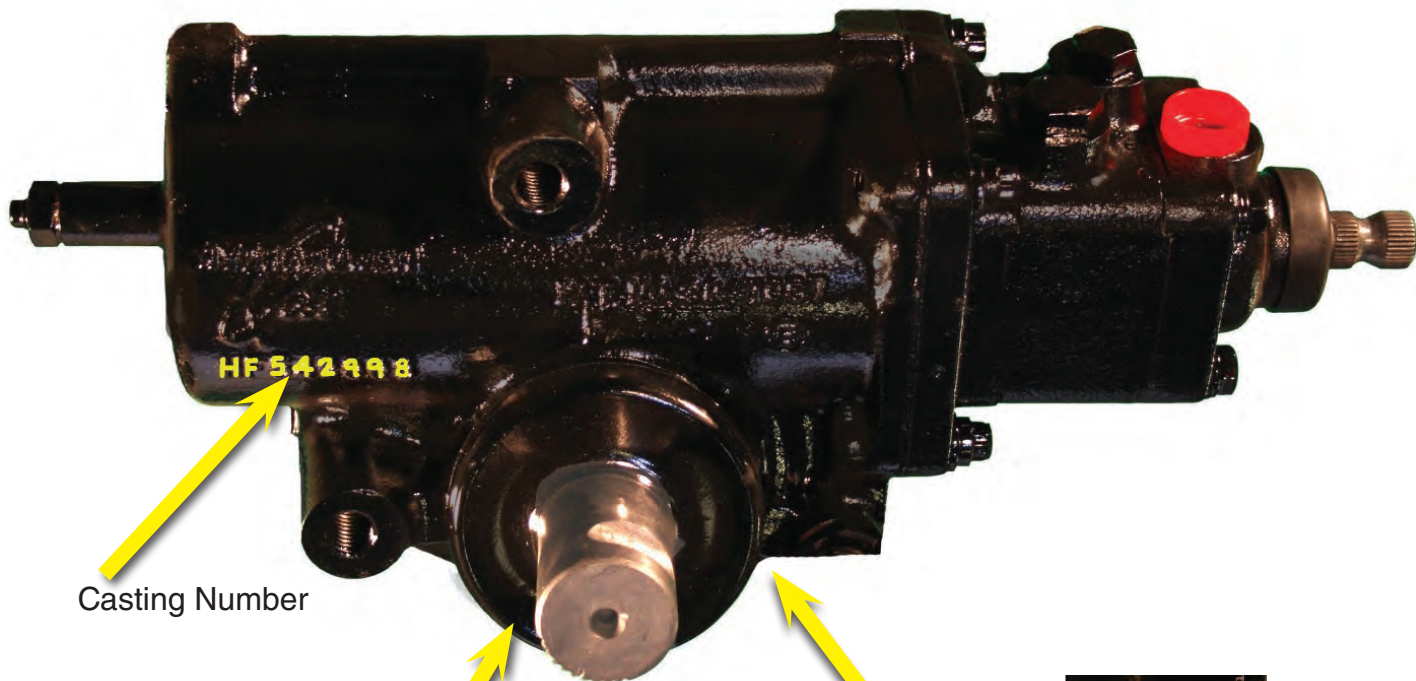
Adjust the relief valve plunger as follows:

1. Make sure that the axle stops are present and set for the proper turning as per manufacturer's specifications.
2. Start the engine and allow it to operate at idle speed.
3. With full weight of the vehicle on all wheels, turn the steering wheel in one direction until a high pressure hiss is heard or the axle stops contact.
4. Turn the relief valve plunger located on both ends of gear in or out until the high-pressure hiss is heard when there is 1/8 to 3/16 inch clearance between the axle stops.
5. Repeat this procedure for the opposite direction of steer, and adjust the relief valve plunger on the opposite end of the steering gear.

Turning the plungers in too far will trip the relief before a full turn is realized. Turning the plungers out too far will not allow the systems to relieve, and will therefore cause damage. Do not turn the slotted plungers out beyond flush with the plunger boss or a leak will occur. Axle stops should only be adjusted in accordance with the vehicle manufacturer's specifications.

After the relief valve plunger adjustment, always check to ensure that the road wheels and tires have adequate clearance between suspension, brake and frame components.

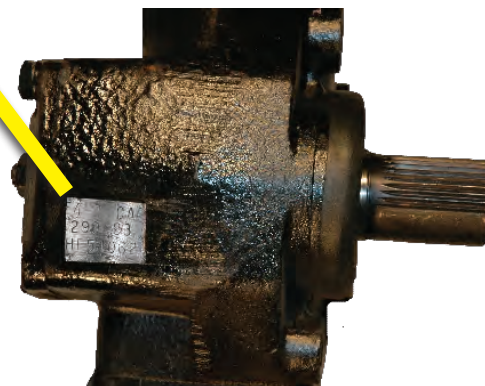
TRW HF54



Casting Number



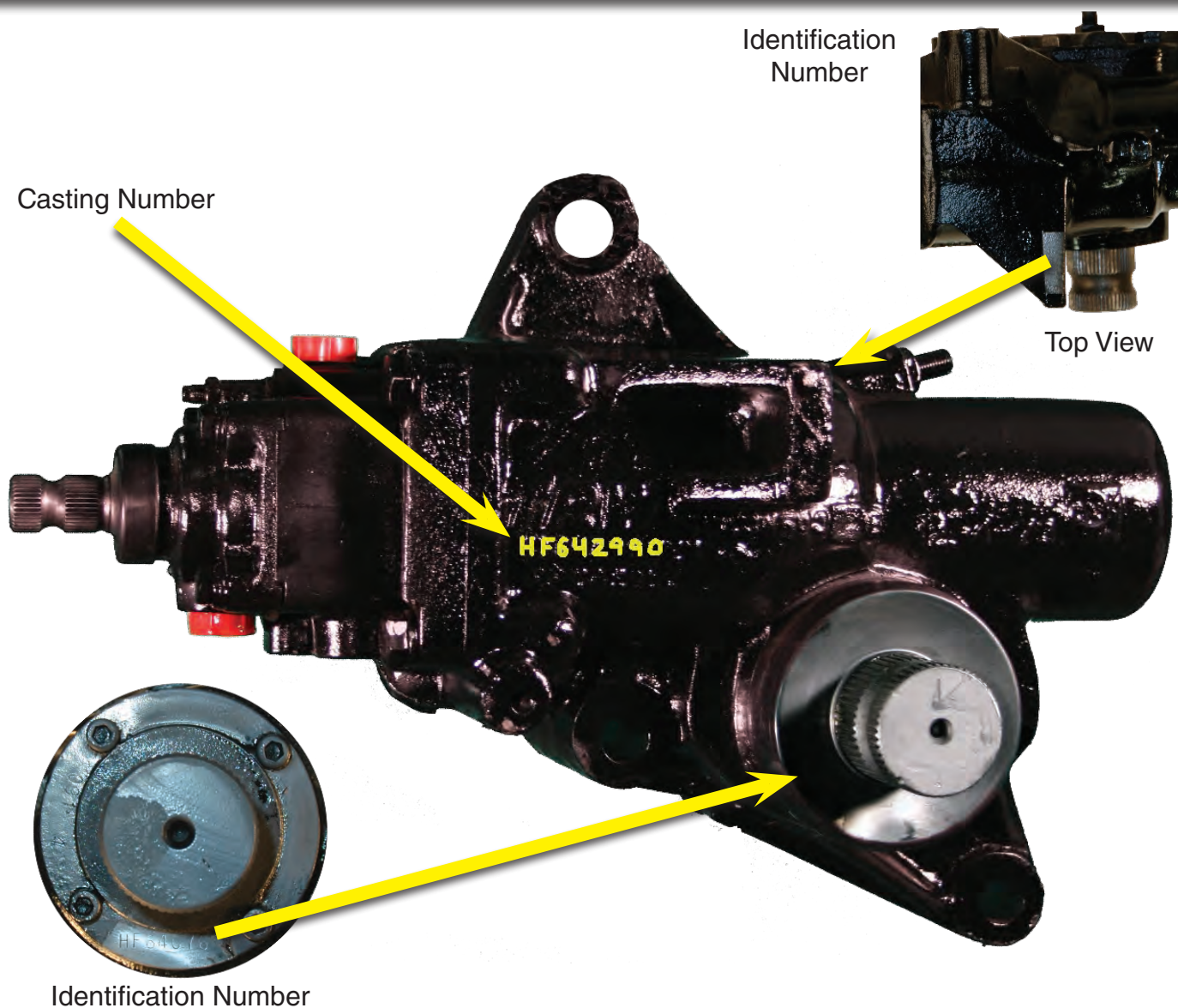
Identification Number



Identification Number
Bottom View

MODEL	OEM	PART NUMBER	CASTING#	APPLICATION
HF54	TRW	001	2998	FORD
HF54	TRW	012	2999	CHRYSLER
HF54	TRW	014	2989	
HF54	TRW	026	2999	FORD
HF54	TRW	038	2996	
HF54	TRW	053	2995	INTERNATIONAL
HF54	TRW	062	2996	FORD
HF54	TRW	063	2296	FORD
HF54	TRW	019/042/052	2998	FORD
HF54	TRW	020/043	2996/99	FORD
HF54	TRW	021/044	2998	FORD
HF54	TRW	024/039	2997	IHC
HF54	TRW	040/055	2997	INTERNATIONAL
HF54	TRW	050/017	2996/99	FORD
HF54	TRW	059/061	2996/99	FORD
HF54	TRW	060/062/064	2996/99	FORD

TRW HF64



Identification
Number

Casting Number

Top View

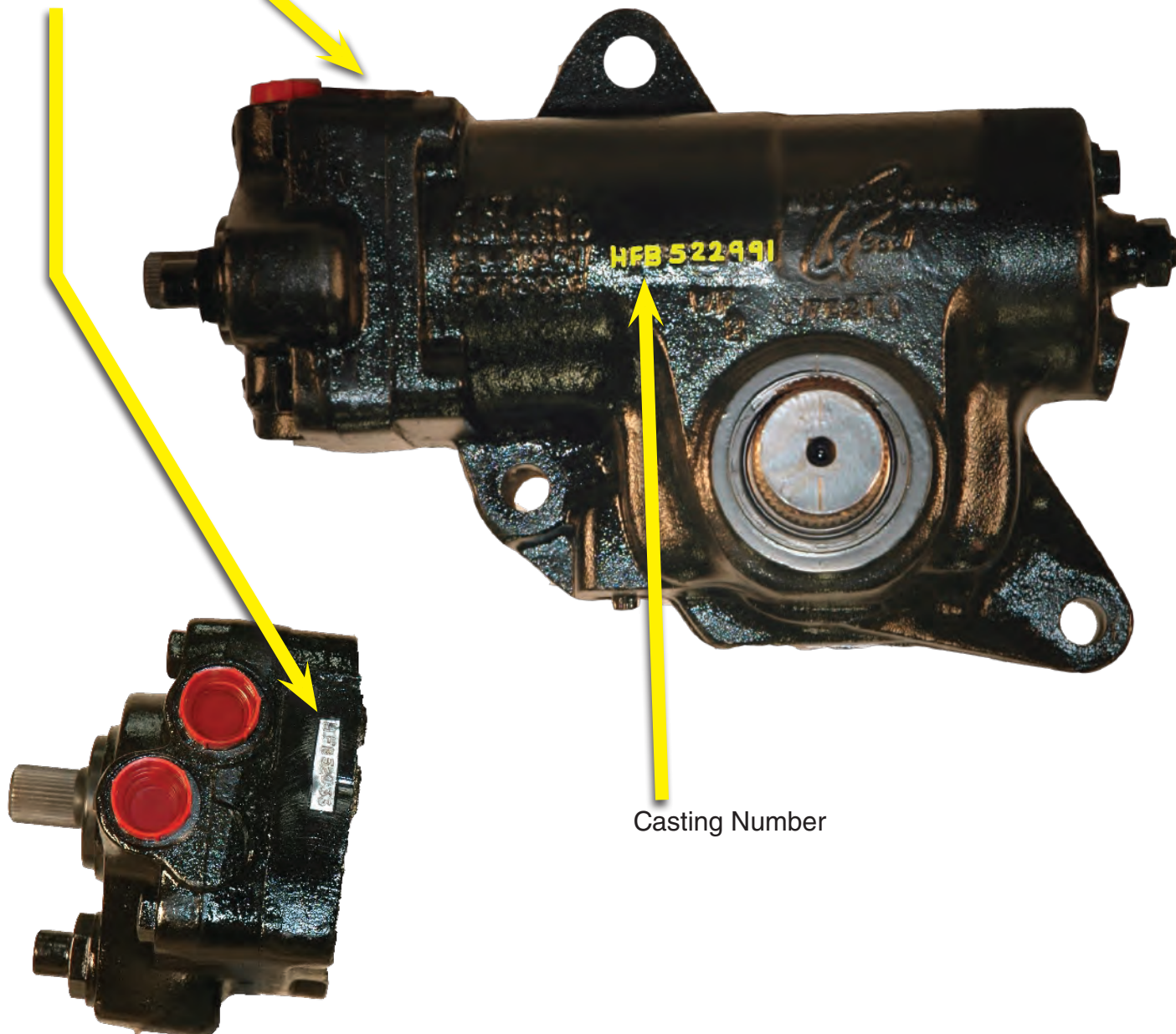
Identification Number

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
HF64	TRW	019	2989	4LINE	DIAMOND REO
HF64	TRW	021	2995	2LINE	
HF64	TRW	036	2990	2LINE	FORD
HF64	TRW	037	2990	4LINE	FORD
HF64	TRW	044	2989	4LINE	AM GENERAL
HF64	TRW	045	2988	2LINE	INTERNATIONAL
HF64	TRW	061	2984	2LINE	MACK
HF64	TRW	062	2984	4LINE	MACK
HF64	TRW	063	2989	2LINE	WHITE/HENDRICKS
HF64	TRW	065	2981	2LINE	CROWN
HF64	TRW	066	2989	2LINE	BLUEBIRD/OTTAWA
HF64	TRW	071	2987	2LINE	
HF64	TRW	076	2990	2LINE	FORD
HF64	TRW	077	2990	4LINE	FORD
HF64	TRW	079	2989	4LINE	DODGE
HF64	TRW	081	2989	4LINE	

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
HF64	TRW	093	2989	4LINE	KENWORTH
HF64	TRW	102	2989	4LINE	MILITARY
HF64	TRW	107	2981	2LINE	INTERNATIONAL
HF64	TRW	113	2984	2LINE	MACK
HF64	TRW	114	2984	2LINE	MACK
HF64	TRW	119	2989	4LINE	MACK
HF64	TRW	122	2990	2LINE	FORD
HF64	TRW	123	2990	4LINE	FORD
HF64	TRW	128	2989	2LINE	MACK
HF64	TRW	129	2989	4LINE	MACK
HF64	TRW	069/111	2981	4LINE	AUTOCAR/WHITE
HF64	TRW	080/112	2989	4LINE	WHITE/AUTO/DIAM
HF64	TRW	088/101	2984	2LINE	MACK
HF64	TRW	090/075	2989	2LINE	MACK
HF64	TRW	092/130	2987	2LINE	MACK

TRW HFB52

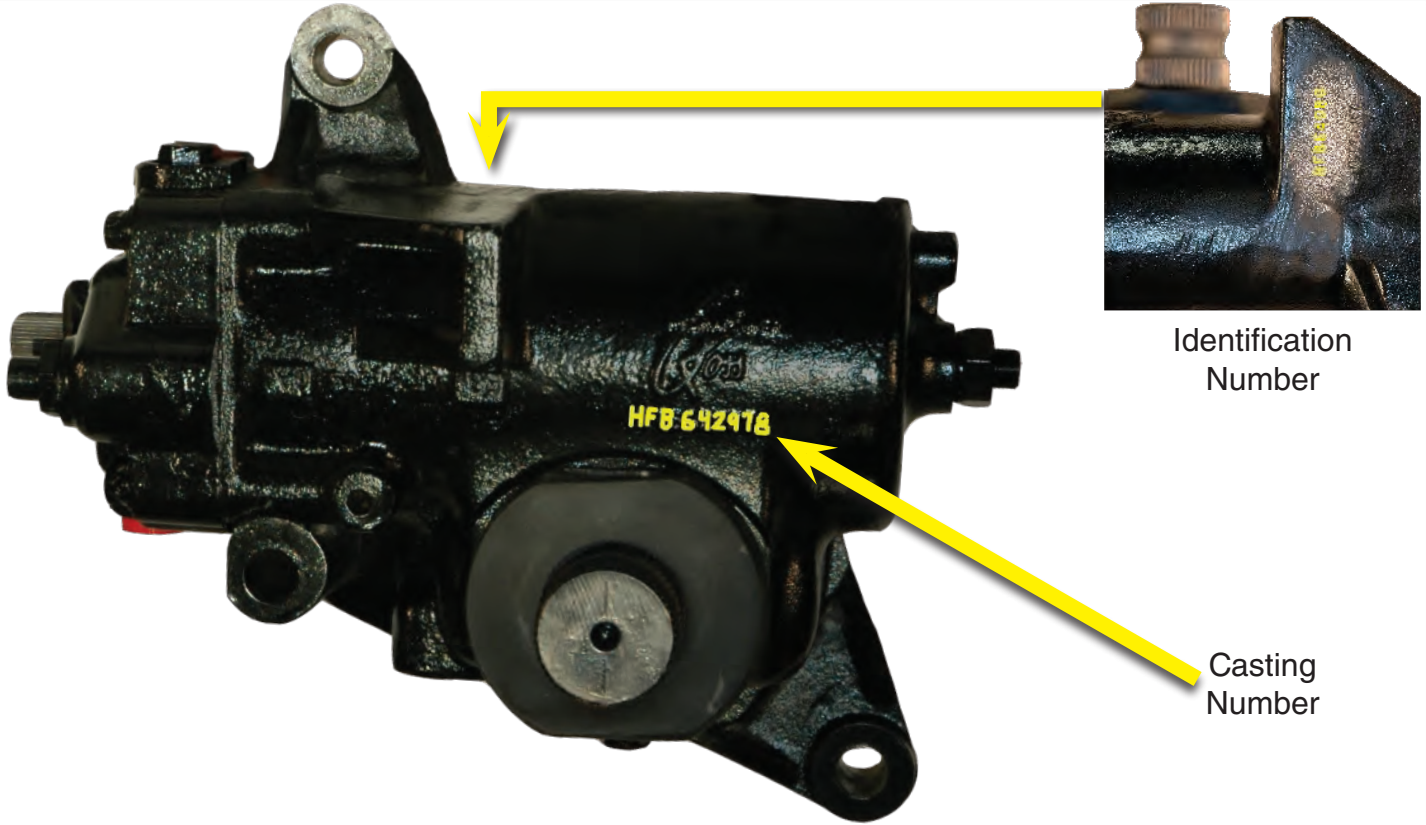
Identification Number



Casting Number

Top View

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
HFB52	TRW	012	2999		FORD
HFB52	TRW	015	2999	STREET SWEEPER	ATHEY
HFB52	TRW	017	2999		FORD
HFB52	TRW	028	2999		FORD
HFB52	TRW	001/011	2999		FORD
HFB52	TRW	013/033	2991		INTERNATIONAL
HFB52	TRW	014/023	2987/2989		FORD
HFB52	TRW	RCB52001	2990	SLAVE	INTERNATIONAL
HFB52	TRW	RCB52002	2999	SLAVE	FORD
HFB52	TRW	RCB52003	2999	SLAVE	MACK



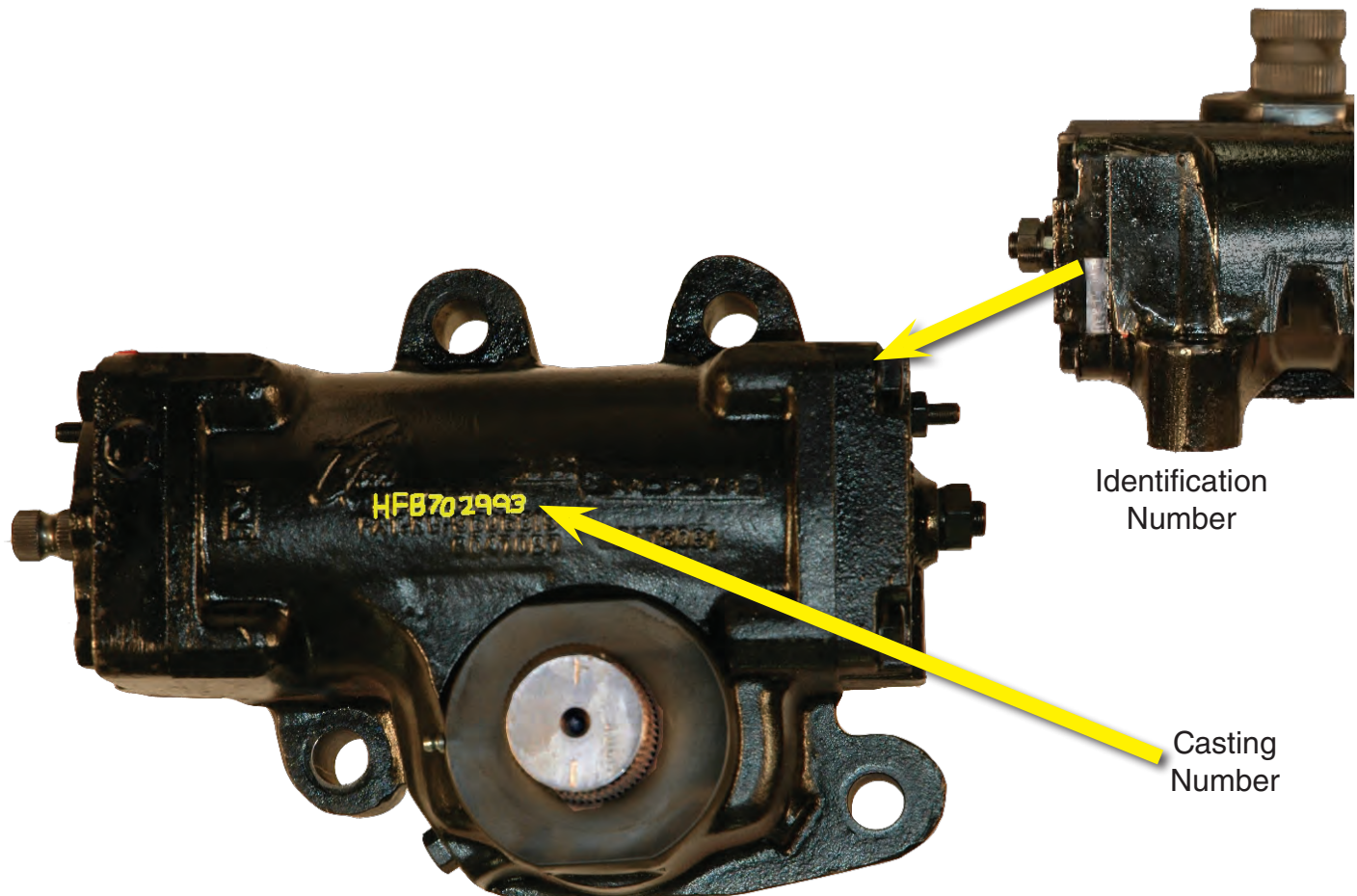
MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
HFB64	TRW	001	2998		MACK
HFB64	TRW	002	2997		AM GENERAL/IHC
HFB64	TRW	003	2988		INTERNATIONAL
HFB64	TRW	005	2994		FORD
HFB64	TRW	006	2988		INTERNATIONAL
HFB64	TRW	010	2988		INTERNATIONAL
HFB64	TRW	013	2988		INTERNATIONAL
HFB64	TRW	016	2988		INTERNATIONAL
HFB64	TRW	018	2992		
HFB64	TRW	022	2988		INTERNATIONAL
HFB64	TRW	023	2992		BLUEBIRD/MACK
HFB64	TRW	026	2996		FREIGHTLINER
HFB64	TRW	029	2996		KENWORTH/WHITE
HFB64	TRW	030	2996		KENWORTH
HFB64	TRW	031	2996		PETERBILT
HFB64	TRW	033	2996		FREIGHTLINER
HFB64	TRW	035	2997		HME
HFB64	TRW	036	2998		
HFB64	TRW	040	2992		GILLIG
HFB64	TRW	041	2992		BLUEBIRD
HFB64	TRW	042	2968		FORD
HFB64	TRW	043	2996		KENWORTH
HFB64	TRW	043	2996		KENWORTH
HFB64	TRW	044	2994		FORD
HFB64	TRW	045	2989		INTERNATIONAL

(Continued on next page)

TRW HFB64

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
HFB64	TRW	046	2983		INTERNATIONAL
HFB64	TRW	047	2987		INTERNATIONAL
HFB64	TRW	050	2996		PETERBILT
HFB64	TRW	056	2975		GMC
HFB64	TRW	057	2988		INTERNATIONAL
HFB64	TRW	062	2972		MACK
HFB64	TRW	063	2972		MACK
HFB64	TRW	071	2998		OTTAWA
HFB64	TRW	073	2997		WHITE
HFB64	TRW	079	2978		FORD
HFB64	TRW	080	2978		FORD
HFB64	TRW	082	2963		KENWORTH
HFB64	TRW	083	2963/53		PETERBILT
HFB64	TRW	085	2964		KENWORTH
HFB64	TRW	086	2964		PETERBILT
HFB64	TRW	087	2964		KENWORTH
HFB64	TRW	088	2964		FREIGHTLINER
HFB64	TRW	090	2962		WHITE/GMC
HFB64	TRW	095	2960		B-BIRD/CAPACITY
HFB64	TRW	098	2960		BLUEBIRD
HFB64	TRW	099	2960		MACK
HFB64	TRW	100	2997		OSTERLUND
HFB64	TRW	103	2956		FREIGHTLINER
HFB64	TRW	104	2958		FREIGHTLINER
HFB64	TRW	105	2955		INTERNATIONAL
HFB64	TRW	107	2958		FREIGHTLINER
HFB64	TRW	109	2997		GRADEALL
HFB64	TRW	114	2997		VOLVO/WHITE
HFB64	TRW	122	2963		MACK
HFB64	TRW	125	2951		GMC
HFB64	TRW	126	2964		PETERBILT
HFB64	TRW	127	2964		PETERBILT
HFB64	TRW	128	2998		OTTAWA
HFB64	TRW	138	2972		MACK
HFB64	TRW	008/115	2988		INTERNATIONAL
HFB64	TRW	012/058	2988		INTERNATIONAL
HFB64	TRW	055/137/025	2976/2985		MACK
HFB64	TRW	RCB64001	2989	SLAVE	INTERNATIONAL
HFB64	TRW	RCB64002	2992	SLAVE	KENWORTH
HFB64	TRW	RCB64003	2997	SLAVE	KENWORTH
HFB64	TRW	RCB64004	2996	SLAVE	HME
HFB64	TRW	RCB64005	2997	SLAVE	HME
HFB64	TRW	RCB64006		SLAVE	GMC
HFB64	TRW	RCB64007	2960	SLAVE	
HFB64	TRW	RCB64008	2964	SLAVE	FREIGHTLINER
HFB64	TRW	RCB64010	2962	SLAVE	KENWORTH
HFB64	TRW	RCB64017	2979	SLAVE	FORD
HFB64	TRW	RCB64018	2979	SLAVE	FORD
HFB64	TRW	RCB64019	2979	SLAVE	FORD

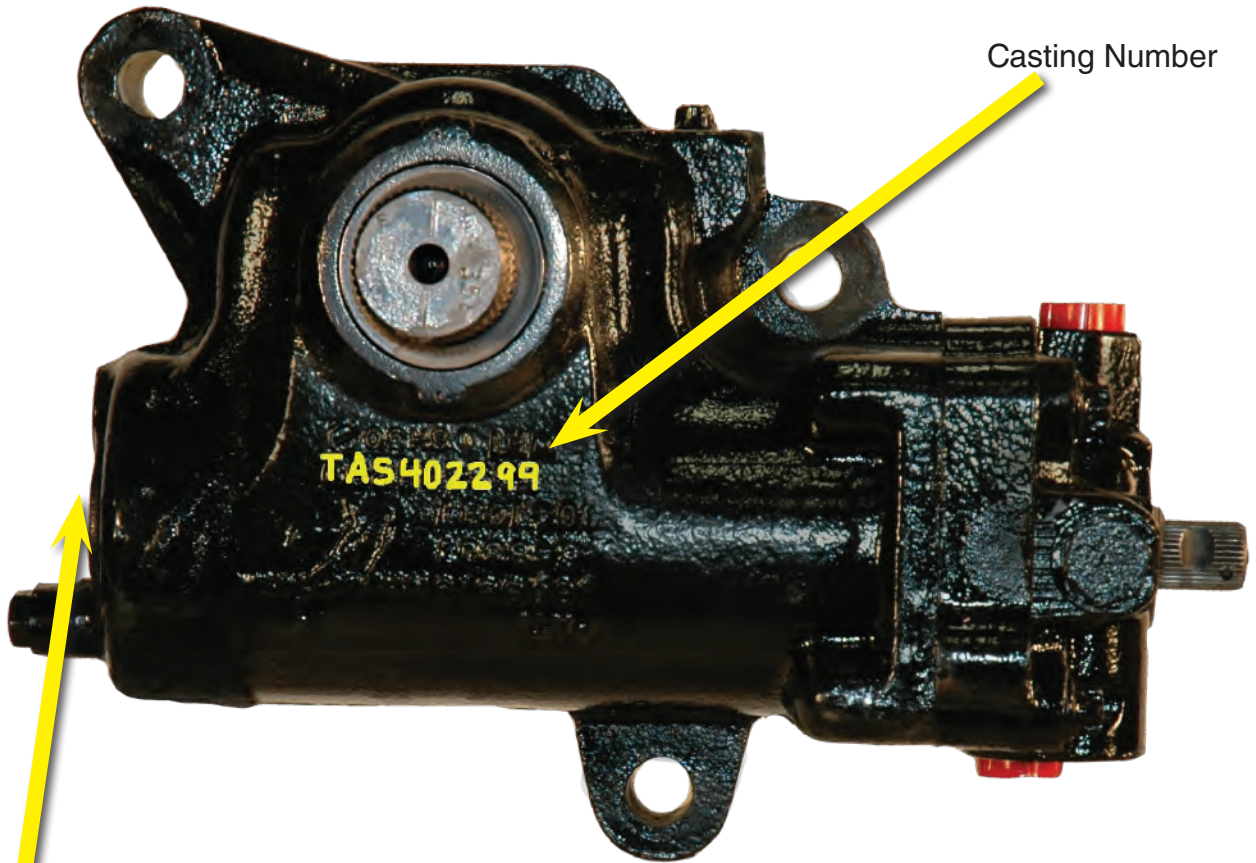
TRW HFB70



MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
HFB70	TRW	014	2293		WESTERN STAR
HFB70	TRW	014	2993		WHITE/WESTERN
HFB70	TRW	015	2997		MACK
HFB70	TRW	016	2999		WHITE
HFB70	TRW	019	2991		WHITE/WESTERN
HFB70	TRW	021	2998		KENWORTH
HFB70	TRW	022	2992		PETERBILT
HFB70	TRW	026	2997		
HFB70	TRW	029	2988		MACK
HFB70	TRW	030	2988		MACK
HFB70	TRW	033	2993		AM GENERAL
HFB70	TRW	036	2997 (3 BOLT)		PETERBILT
HFB70	TRW	037	2992		KENWORTH/MACK
HFB70	TRW	038	2992		KENWORTH
HFB70	TRW	042	2992		FREIGHTLINER
HFB70	TRW	045	2993		WHITE/WESTERN
HFB70	TRW	048	2991		MACK
HFB70	TRW	049	2991		MACK
HFB70	TRW	054	2989		MCI
HFB70	TRW	058	2993		HENDRICKSON
HFB70	TRW	063	2990		BADGER
HFB70	TRW	065	2992		KENWORTH/MACK
HFB70	TRW	066	2992		WHITE/WESTERN S

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
HFB70	TRW	069	2989		PREVOST
HFB70	TRW	075	2989		MACK/KENWORTH
HFB70	TRW	077	2988		CRANE CARRIER
HFB70	TRW	081	2992		FREIGHTLINER
HFB70	TRW	083	2993		INTERNATIONAL
HFB70	TRW	086	2992 (3 BOLT)		PETERBILT
HFB70	TRW	088	2990		
HFB70	TRW	089	2988		PIERCE
HFB70	TRW	097	2993		FREIGHTLINER
HFB70	TRW	097	2993		FREIGHTLINER
HFB70	TRW	099	2991		MACK
HFB70	TRW	100	2993		WHITE
HFB70	TRW	102	2991		
HFB70	TRW	105	2990		SPARTAN
HFB70	TRW	107	2993		FREIGHTLINER
HFB70	TRW	108	2989		PREVOST
HFB70	TRW	111	2988	MIXER	ADVANCE
HFB70	TRW	114	2986		PETERBILT
HFB70	TRW	117	2993 (3 BOLT)		WESTERN STAR
HFB70	TRW	119	2988		
HFB70	TRW	RCB70003	2993	SLAVE	PETERBILT
HFB70	TRW	SPECIAL APP	2991		BOWMER POFF

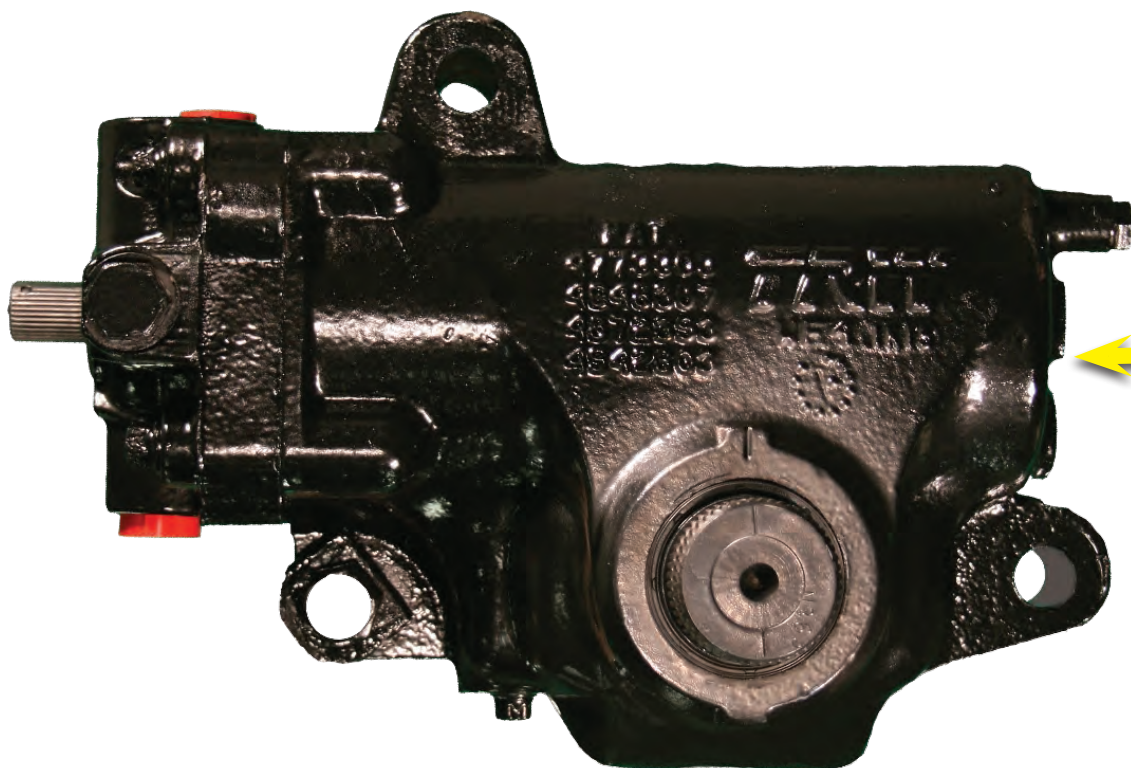
TRW TAS40



Identification Number

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
TAS40	TRW	002	2299		INTERNATIONAL
TAS40	TRW	003	2299		GILLIG
TAS40	TRW	005	2297		FREIGHTLINER
TAS40	TRW	006	2299		INTERNATIONAL
TAS40	TRW	008	2299		INTERNATIONAL
TAS40	TRW	009	2295		DINA
TAS40	TRW	013	2292		FORD
TAS40	TRW	018	2295	STREET SWEEPER	ATHEY
TAS40	TRW	021	2299		INTERNATIONAL
TAS40	TRW	033	2292		FORD
TAS40	TRW	034	2291		SPARTAN MOTORS
TAS40	TRW	037	2299		INTERNATIONAL
TAS40	TRW	038	2297		
TAS40	TRW	044	2596		FORD
TAS40	TRW	001/007	2299		INTERNATIONAL
TAS40	TRW	017/024	2292		FORD
TAS40	TRW	040/042	2285		INTERNATIONAL
TAS40	TRW	RCS40002	2294	SLAVE	GMC
TAS40	TRW	RCS40003	2294	SLAVE	KENWORTH
TAS40	TRW	RCS40005	2297	SLAVE	KENWORTH
TAS40	TRW	RCS40006	2295	SLAVE	MACK
TAS40	TRW	RCS40007	2289	SLAVE	KENWORTH
TAS40	TRW	RCS40010		SLAVE	VOLVO

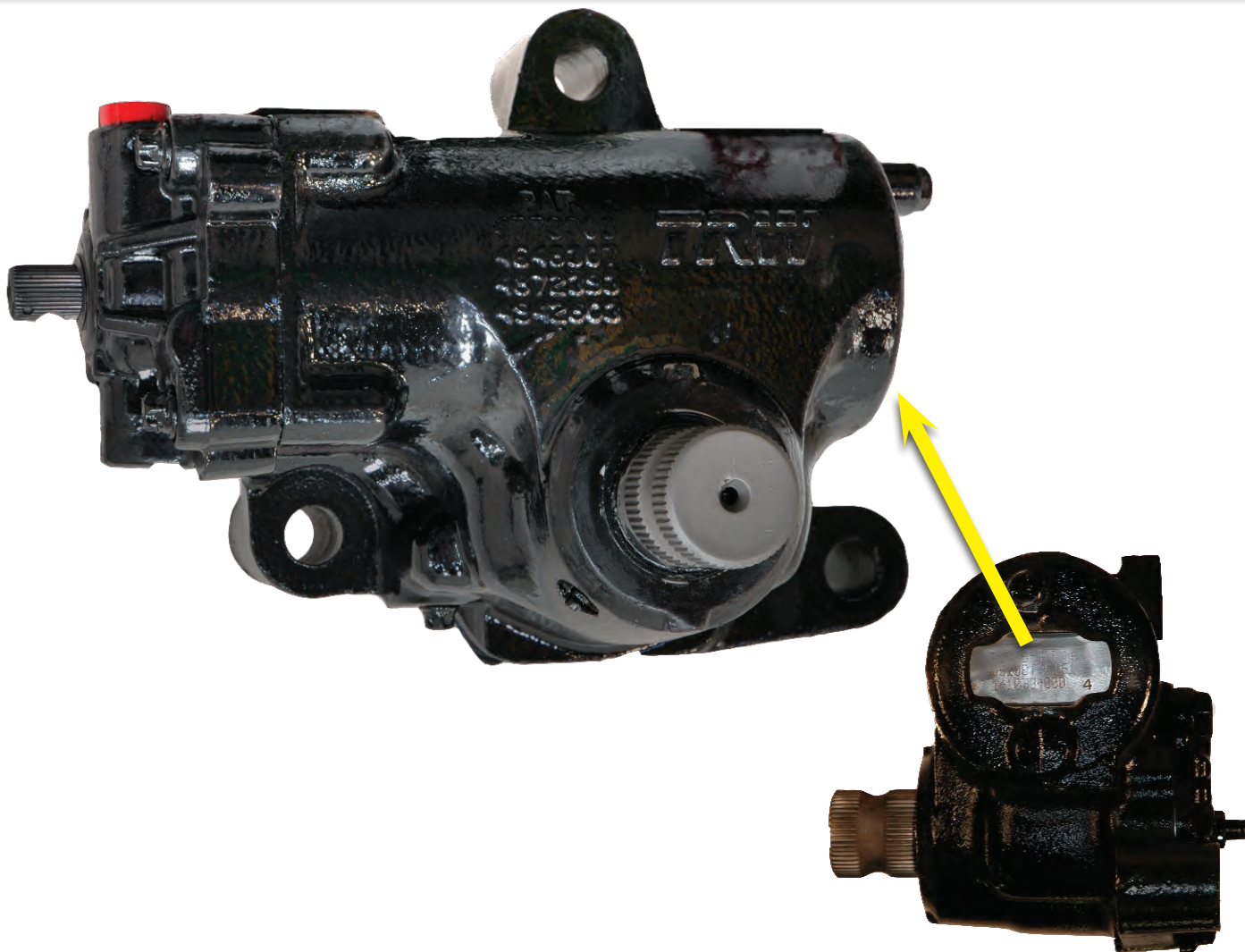
TRW TAS55



Identification Number

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
TAS55	TRW	001	2299		INTERNATIONAL
TAS55	TRW	003	2298		FREIGHTLINER
TAS55	TRW	004	2299		FREIGHTLINER
TAS55	TRW	005	2297		FORD
TAS55	TRW	006	2296		FORD
TAS55	TRW	008	2296		FORD
TAS55	TRW	010	2293		FORD
TAS55	TRW	015	2299		
TAS55	TRW	016	2299		
TAS55	TRW	002/011	2298		FREIGHTLINER
TAS55	TRW	RCS55001	2295	SLAVE	FORD/STERLING

TRW TAS65



Identification Number

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
TAS65	TRW	001	2299		INTERNATIONAL
TAS65	TRW	004	2295		FREIGHTLINER
TAS65	TRW	005	2293		FREIGHTLINER
TAS65	TRW	006	2296		WHITE,GMC,VOLVO
TAS65	TRW	008	2292		KENWORTH
TAS65	TRW	010	2291		FORD
TAS65	TRW	013	2296		VOLVO/WHITE
TAS65	TRW	015	2289		BLUEBIRD
TAS65	TRW	017	2287		INTERNATIONAL
TAS65	TRW	023	2284	SWITCHER	OTTAWA/SISU
TAS65	TRW	025	2286		PETERBILT
TAS65	TRW	026	2288		GMC
TAS65	TRW	029	2283		INTERNATIONAL
TAS65	TRW	031	2285		SPARTAN
TAS65	TRW	033	2294		KENWORTH
TAS65	TRW	035	2295		PETERBILT

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TRW TAS65

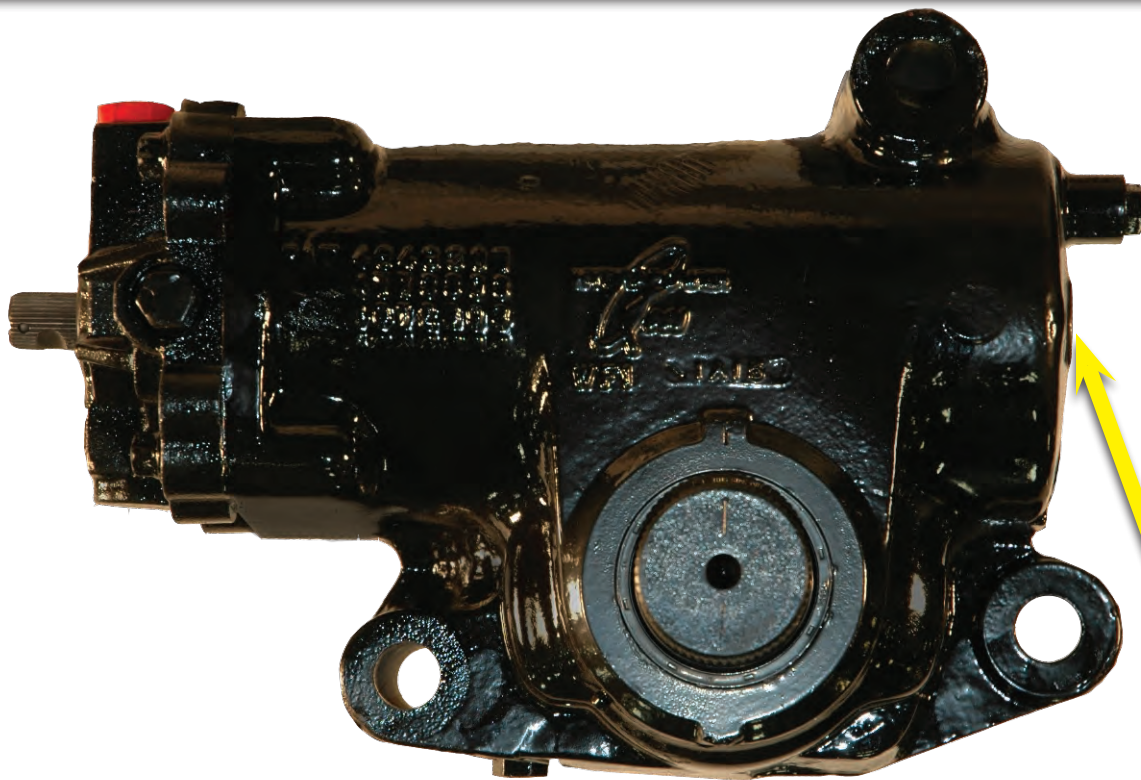
MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
TAS65	TRW	037	2297		GRADEALL
TAS65	TRW	041	2298		MARMON
TAS65	TRW	042	2282		INTERNATIONAL
TAS65	TRW	049	2298		FORD
TAS65	TRW	051	2280		INTERNATIONAL
TAS65	TRW	052	2286		FREIGHTLINER
TAS65	TRW	057	2289	SWITCHER	CAPACITY
TAS65	TRW	060	2289		VOLVO
TAS65	TRW	064	2296		KENWORTH
TAS65	TRW	065	2279		FORD
TAS65	TRW	070	2291		FORD
TAS65	TRW	071	2291		FORD
TAS65	TRW	073	2288		CHEVY/GMC
TAS65	TRW	079	2296		KENWORTH
TAS65	TRW	082	2276		FORD
TAS65	TRW	083	2277		FORD FT900
TAS65	TRW	084	2289		BLUEBIRD
TAS65	TRW	087	2286		PETERBILT
TAS65	TRW	088	2275		MACK
TAS65	TRW	091	2292		PETERBILT
TAS65	TRW	094	2272		MACK
TAS65	TRW	095	2271		MACK
TAS65	TRW	099	2273		VOLVO
TAS65	TRW	100	2270		FORD
TAS65	TRW	101	2278		FORD
TAS65	TRW	104	2268		FORD/STERLING
TAS65	TRW	105	2267		FORD/STERLING
TAS65	TRW	107	2280		DINA
TAS65	TRW	109	2295		HME
TAS65	TRW	114	2289		PETERBILT
TAS65	TRW	115	2280		BLUE BIRD
TAS65	TRW	116	2273		PETERBILT
TAS65	TRW	117	2266		FORD/AUSTRALIA
TAS65	TRW	118	2279		FORD
TAS65	TRW	119	2262		FREIGHTLINER
TAS65	TRW	122	2269		STERLING
TAS65	TRW	125	2260		FORD
TAS65	TRW	126	2286		SPARTAN MOTORS
TAS65	TRW	127	2261		KENWORTH
TAS65	TRW	132	2296 (3 BOLT)		STERLING
TAS65	TRW	141	2289		SPARTAN MOTORS
TAS65	TRW	144	2295		STERLING
TAS65	TRW	145	2284		FREIGHTLINER
TAS65	TRW	146	2289		SPARTAN MOTORS
TAS65	TRW	149	2297		BLUEBIRD
TAS65	TRW	171	2289		GILLIG
TAS65	TRW	175	2280		THOMAS
TAS65	TRW	178	2265		VOLVO

(Continued on next page)

TRW TAS65

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
TAS65	TRW	180	2259		VOLVO
TAS65	TRW	183	2273		FREIGHTLINER
TAS65	TRW	196	2284		FREIGHTLINER
TAS65	TRW	203	2286		SPARTAN
TAS65	TRW	204	2254		VOLVO
TAS65	TRW	216	2250		MACK
TAS65	TRW	218	2249		KENWORTH
TAS65	TRW	219	2249		KENWORTH
TAS65	TRW	66001	2258		INTERNATIONAL
TAS65	TRW	66002	2258		INTERNATIONAL
TAS65	TRW	66003	2282		INTERNATIONAL
TAS65	TRW	66004	2258		FORD
TAS65	TRW	66005	2253		INTERNATIONAL
TAS65	TRW	003/072	2297		WHITE/VOLVO
TAS65	TRW	007/090/086	2294/2274		KENWORTH
TAS65	TRW	009/024	2292		PETERBILT
TAS65	TRW	012/092/142	2290		MACK
TAS65	TRW	014/166	2295		WSTRN STAR/PETE
TAS65	TRW	028/085	2289		GILLIG
TAS65	TRW	038/170	2297		OSTERLUND
TAS65	TRW	047/130	2291		FORD/STERLING
TAS65	TRW	048/135	2291		FORD
TAS65	TRW	053/102	2295	SWITCHER	FREIGHTLINER/OTTAWA
TAS65	TRW	074/111	2278		FORD
TAS65	TRW	079/133	2296		KENWORTH
TAS65	TRW	117	2266		FORD/AUSTRALIA
TAS65	TRW	129/155/157	2262		FREIGHTLINER
TAS65	TRW	143/150	2265		VOLVO
TAS65	TRW	RCS65001	2266	SLAVE	FORD/STERLING
TAS65	TRW	RCS65002	2266	SLAVE	FORD
TAS65	TRW	RCS65005	2292	SLAVE	FREIGHTLINER
TAS65	TRW	RCS65006	2270	SLAVE	FORD
TAS65	TRW	RCS65008	2295	SLAVE	
TAS65	TRW	RCS65009	2289	SLAVE	
TAS65	TRW	RCS65012	2296	SLAVE	KENWORTH
TAS65	TRW	RCS65017	2273	SLAVE	MCNEILUS/SPARTN
TAS65	TRW	RCS65018	2266	SLAVE	STERLING
TAS65	TRW	RCS65022	2289	SLAVE	FREIGHTLINER CONDOR

TRW TAS85



Identification Number

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
TAS85	TRW	001	2299		VOLVO
TAS85	TRW	002	2298		WESTERN STAR
TAS85	TRW	003	2297		FORD
TAS85	TRW	005	2296		PIERCE
TAS85	TRW	006	2298		WESTERN STAR
TAS85	TRW	008	2295	MIXER	ADVANCE
TAS85	TRW	010	2298		FREIGHTLINER
TAS85	TRW	011	2292		CRANE
TAS85	TRW	013	2294		KENWORTH
TAS85	TRW	014	2295		CCC/SPARTAN
TAS85	TRW	020	2290		FREIGHTLINER
TAS85	TRW	021			VOLVO

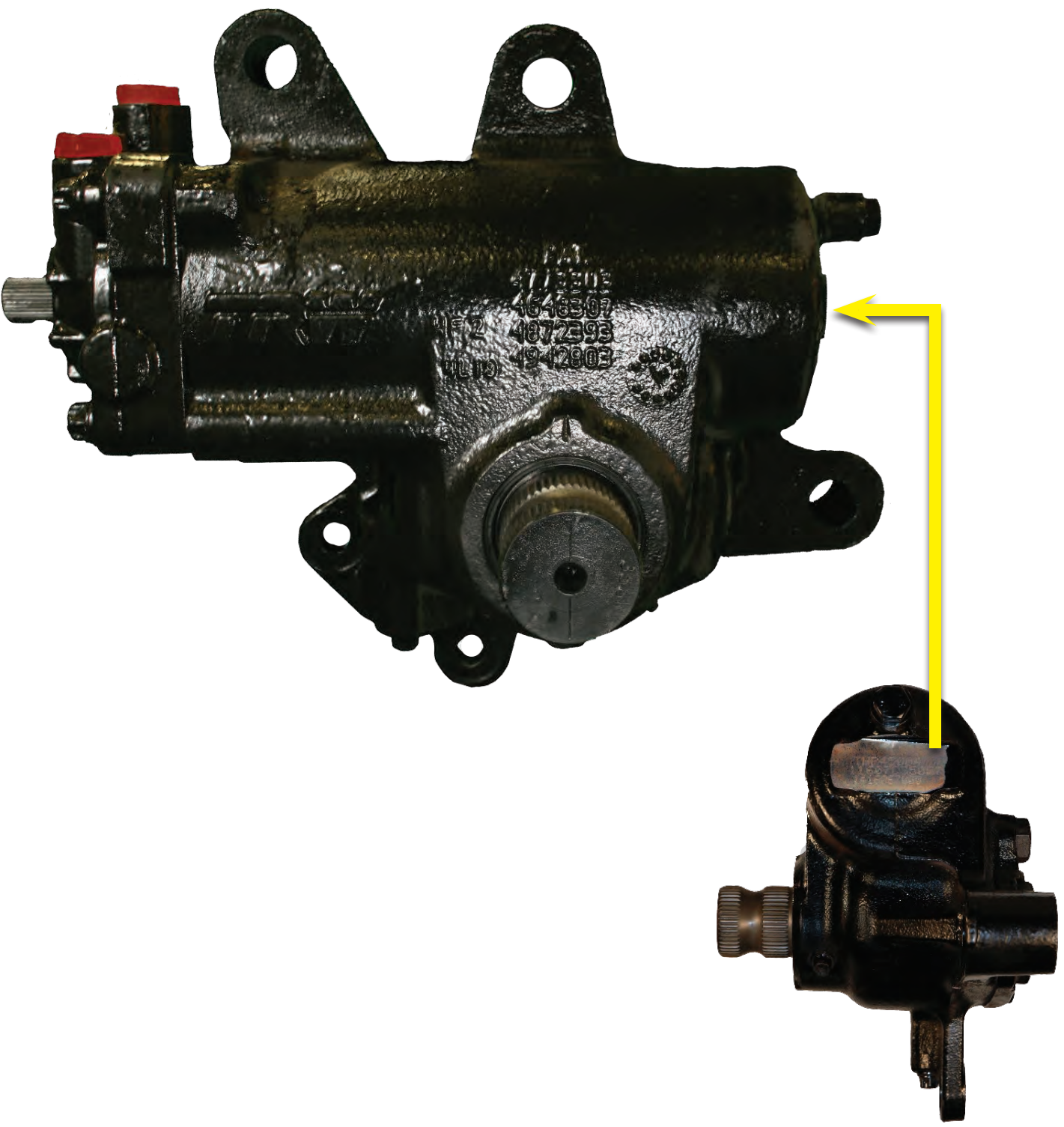
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TRW TAS85

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
TAS85	TRW	029	2291		MCI
TAS85	TRW	030	2296		FWD
TAS85	TRW	033	2294		PIERCE
TAS85	TRW	036	2290		PETERBILT
TAS85	TRW	040	2295		MCI
TAS85	TRW	051	2282		FORD/STERLING
TAS85	TRW	052	2292		PETERBILT
TAS85	TRW	053	2291		PETERBILT
TAS85	TRW	054	2295		PETERBILT
TAS85	TRW	055	2292		PETERBILT
TAS85	TRW	059	2297		FORD
TAS85	TRW	069	2287	MIXER	PETERBILT
TAS85	TRW	070	2298		WESTERN STAR
TAS85	TRW	076	2281		VOLVO
TAS85	TRW	088	2280		KENWORTH
TAS85	TRW	089	2287	MIXER	SPARTAN
TAS85	TRW	098	2288		SPARTAN
TAS85	TRW	106	2293		
TAS85	TRW	109	2298		FREIGHTLINER
TAS85	TRW	130	2286		FREIGHTLINER
TAS85	TRW	133	2295		
TAS85	TRW	134	2276		FREIGHTLINER
TAS85	TRW	142	2275		FREIGHTLINER
TAS85	TRW	147	2273		KENWORTH
TAS85	TRW	038/049/062	2294		KENWORTH
TAS85	TRW	RCS85006	2294	SLAVE	PACCAR

NOTES

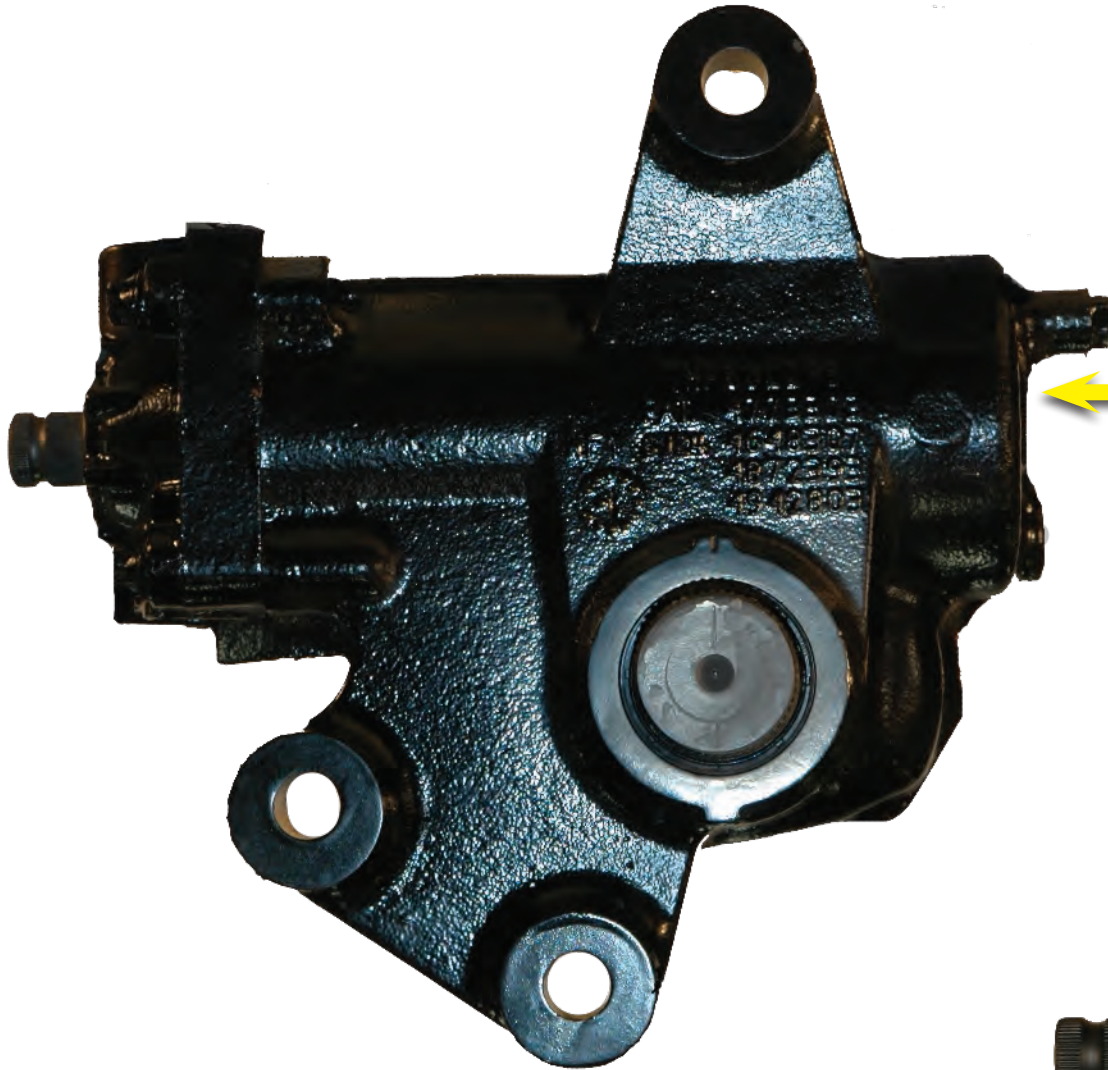
TRW THP45



Identification Number

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
THP45	TRW	001	2299		FREIGHTLINER
THP45	TRW	002	2299		FREIGHTLINER
THP45	TRW	004	2296		FREIGHTLINER
THP45	TRW	RCH45001	2298	SLAVE	STERLING

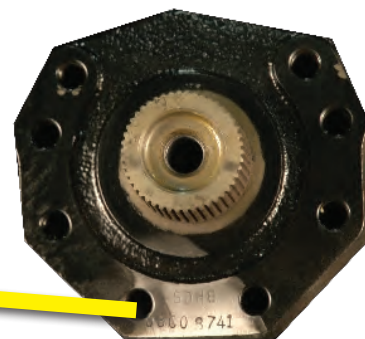
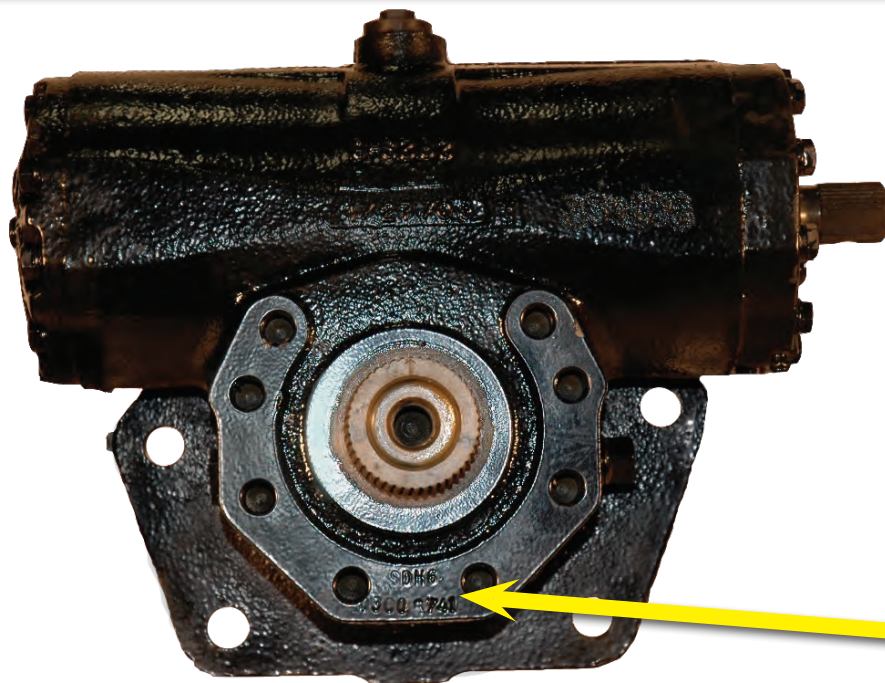
TRW THP60



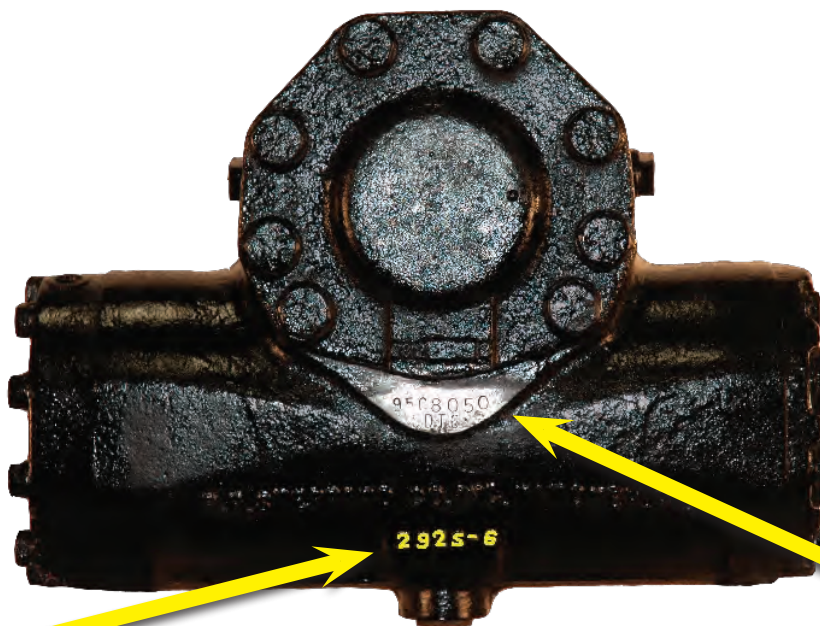
Identification Number

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
THP60	TRW	001	2296		FREIGHTLINER
THP60	TRW	004	2296		VOLVO
THP60	TRW	006	2299		FREIGHTLINER
THP60	TRW	008	2295		FREIGHTLINER
THP60	TRW	009	2296		VOLVO
THP60	TRW	010	2295		FREIGHTLINER
THP60	TRW	011	2295		FREIGHTLINER
THP60	TRW	017	2295		FREIGHTLINER
THP60	TRW	PCF60001	2299		FREIGHTLINER
THP60	TRW	PCF6003	2289		INTERNATIONAL
THP60	TRW	PCF6004	2285		INTERNATIONAL
THP60	TRW	RCH60003	2293	SLAVE	KENWORTH

SHEPPARD 292



Identification Number



Casting Number

Back View

Identification Number

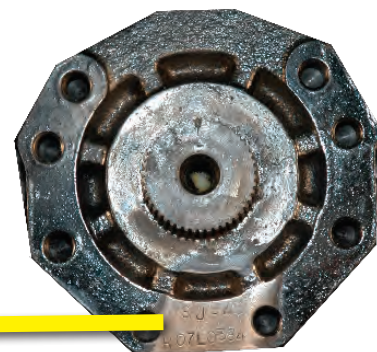
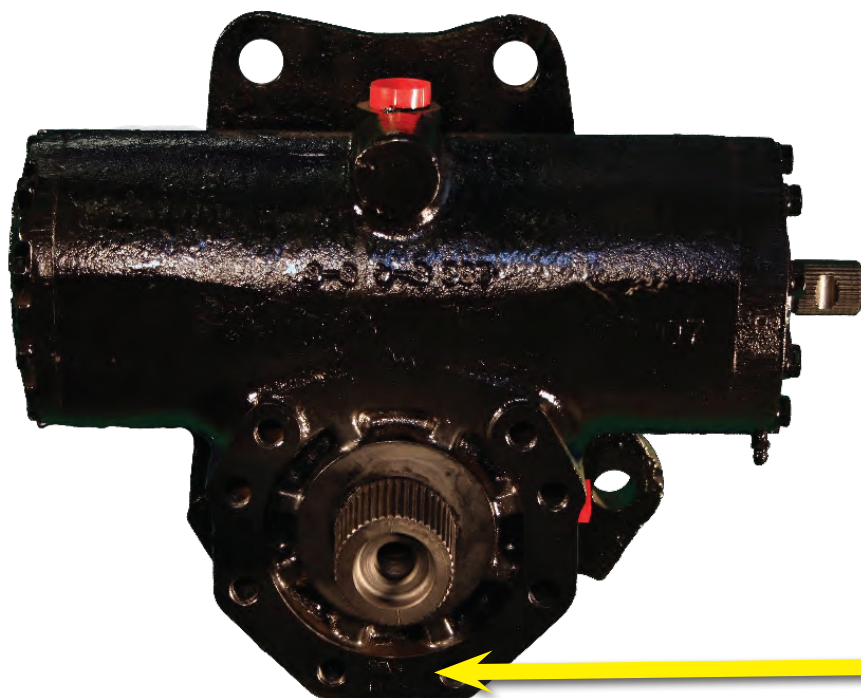
MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
292	SHEPPARD	AJL4	292		INTERNATIONAL
292	SHEPPARD	AR4	292		INTERNATIONAL
292	SHEPPARD	BAR2	292	SLAVE	INTERNATIONAL
292	SHEPPARD	BLL4	292		INTERNATIONAL
292	SHEPPARD	BYL4	292		INTERNATIONAL
292	SHEPPARD	CBL4	292		INTERNATIONAL
292	SHEPPARD	ER2	292	SLAVE	INTERNATIONAL
292	SHEPPARD	K4	292		INTERNATIONAL

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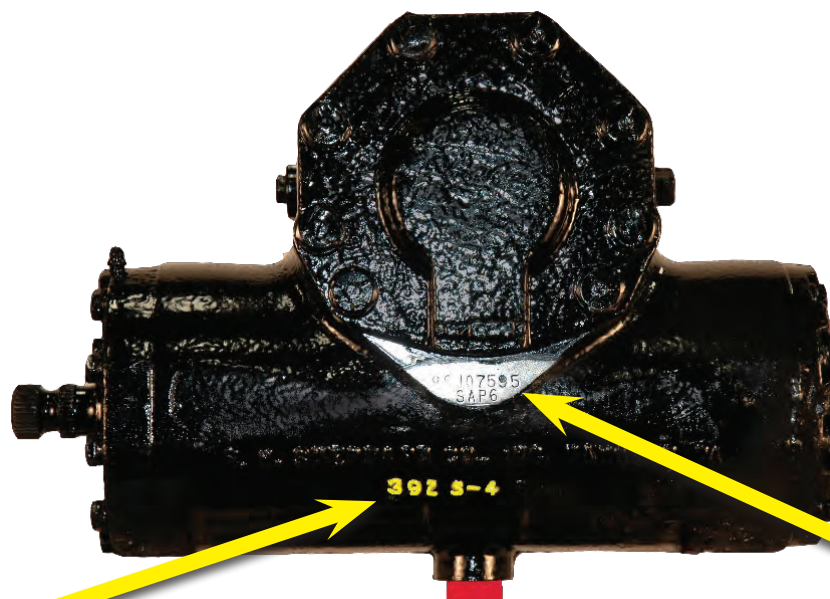
SHEPPARD 292

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
292	SHEPPARD	LR2	292	SLAVE	INTERNATIONAL
292	SHEPPARD	RL1	292		INTERNATIONAL
292	SHEPPARD	RR2	292	SLAVE	INTERNATIONAL
292	SHEPPARD	SA1	292	SLAVE	INTERNATIONAL
292	SHEPPARD	SAD5	292		GMC
292	SHEPPARD	SAL5	292		MACK
292	SHEPPARD	SAL6	292		MACK
292	SHEPPARD	SB1	292	SLAVE	INTERNATIONAL
292	SHEPPARD	SBE5	292		INTERNATIONAL
292	SHEPPARD	SBF6	292		GMC/CHEV
292	SHEPPARD	SBG5	292	SLAVE	GMC
292	SHEPPARD	SBG6	292	SLAVE	GMC
292	SHEPPARD	SBP6	292		INTERNATIONAL
292	SHEPPARD	SBQ6	292	SLAVE	INTERNATIONAL
292	SHEPPARD	SBX6	292		GMC/CHEVY
292	SHEPPARD	SBY6	292	SLAVE	GMC/CHEVY
292	SHEPPARD	SCA5	292		INTERNATIONAL
292	SHEPPARD	SCA6	292		INTERNATIONAL
292	SHEPPARD	SCB5	292		INTERNATIONAL
292	SHEPPARD	SCB6	292		INTERNATIONAL
292	SHEPPARD	SCC6	292	SLAVE	INTERNATIONAL
292	SHEPPARD	SCC6	292	SLAVE	INTERNATIONAL
292	SHEPPARD	SCD6	292	SLAVE	INTERNATIONAL
292	SHEPPARD	SCX6	292		GMC
292	SHEPPARD	SCY6	292	SLAVE	GMC/CHEVY
292	SHEPPARD	SDH6	292		INTERNATIONAL
292	SHEPPARD	SDJ6	292	SLAVE	INTERNATIONAL
292	SHEPPARD	SDK6	292		INTERNATIONAL
292	SHEPPARD	SDL6	292	SLAVE	INTERNATIONAL
292	SHEPPARD	SDO6	292		MACK
292	SHEPPARD	SDP6	292		MACK/RENAULT
292	SHEPPARD	SDT6	292	SLAVE	MACK
292	SHEPPARD	SDV6	292		INTERNATIONAL
292	SHEPPARD	SDW6	292		INTERNATIONAL
292	SHEPPARD	SEP6	292	SLAVE	KENWORTH/MACK
292	SHEPPARD	SEQ6	292	SLAVE	
292	SHEPPARD	SET6	292		MACK
292	SHEPPARD	SEX6	292	SLAVE	KENWORTH
292	SHEPPARD	SEZ6	292	SLAVE	SPARTAN
292	SHEPPARD	SL4	292		INTERNATIONAL
292	SHEPPARD	SP6	292	SLAVE	MACK
292	SHEPPARD	SR1	292	SLAVE	INTERNATIONAL
292	SHEPPARD	SWZ5	292		MACK
292	SHEPPARD	SY4	292		MACK

SHEPPARD 392



Identification Number



Casting Number

Back View

Identification Number

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
392	SHEPPARD	AR2	392		KENWORTH
392	SHEPPARD	BD5	392		INTERNATIONAL
392	SHEPPARD	BD5	392		INTERNATIONAL
392	SHEPPARD	BEL2	392		INTERNATIONAL
392	SHEPPARD	BER3	392	SLAVE	INTERNATIONAL
392	SHEPPARD	BR5	392		INTERNATIONAL
392	SHEPPARD	BSL5	392		INTERNATIONAL
392	SHEPPARD	BXL5	392		INTERNATIONAL

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
392	SHEPPARD	BXR3	392	SLAVE	INTERNATIONAL
392	SHEPPARD	CG4	392		KENWORTH
392	SHEPPARD	CVL5	392		INTERNATIONAL
392	SHEPPARD	CXL5	392		AUTOCAR
392	SHEPPARD	EJR3	392	SLAVE	MARMON
392	SHEPPARD	ENR3	392	SLAVE	
392	SHEPPARD	EWL5	392		INTERNATIONAL
392	SHEPPARD	F1	392		INTERNATIONAL

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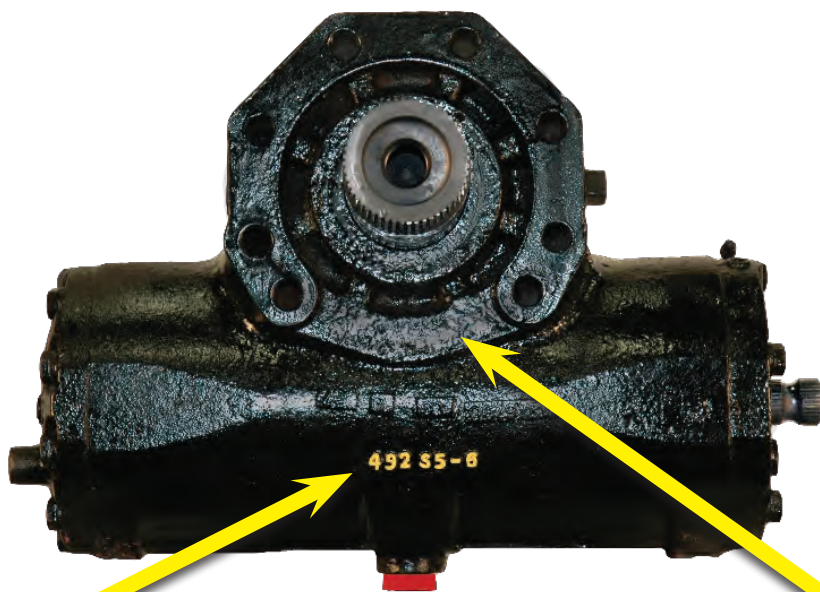
SHEPPARD 392

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
392	SHEPPARD	SAL4	392		INTERNATIONAL
392	SHEPPARD	SA03	392		INTERNATIONAL
392	SHEPPARD	SAP6	392		MACK
392	SHEPPARD	SAR3	392		INTERNATIONAL
392	SHEPPARD	SAS3	392		INTERNATIONAL
392	SHEPPARD	SAV4	392		
392	SHEPPARD	SBG3	392		MARMON
392	SHEPPARD	SBN3	392		INTERNATIONAL
392	SHEPPARD	SB04	392		FREIGHTLINER
392	SHEPPARD	SBV6	392		MACK
392	SHEPPARD	SBX6	392		MACK
392	SHEPPARD	SCB4	392		FREIGHTLINER
392	SHEPPARD	SCH4	392		INTERNATIONAL
392	SHEPPARD	SCS3	392		INTERNATIONAL
392	SHEPPARD	SCT3	392		INTERNATIONAL
392	SHEPPARD	SCU4	392		INTERNATIONAL
392	SHEPPARD	SDX5	392		PETERBILT
392	SHEPPARD	SEC4	392		MACK
392	SHEPPARD	SEK5	392		KENWORTH
392	SHEPPARD	SEL5	392		KENWORTH
392	SHEPPARD	SER6	392		KENWORTH
392	SHEPPARD	SEU6/SHY6	392		VOLVO/WHITE/GMC
392	SHEPPARD	SFQ5	392		GMC/CHEVROLET
392	SHEPPARD	SFR5	392		GMC
392	SHEPPARD	SFS6	392		INTERNATIONAL
392	SHEPPARD	SFU4/SGS4	392		INTERNATIONAL
392	SHEPPARD	SFV4	392		INTERNATIONAL
392	SHEPPARD	SFY6	392		FREIGHTLINER
392	SHEPPARD	SFZ6	392		GMC
392	SHEPPARD	SGA6	392		FREIGHTLINER
392	SHEPPARD	SGF6	392		PETERBILT
392	SHEPPARD	SGL6	392		FREIGHTLINER
392	SHEPPARD	SGM6	392		FREIGHTLINER
392	SHEPPARD	SGO6	392		FREIGHTLINER
392	SHEPPARD	SGW6	392		
392	SHEPPARD	SGX6	392		FREIGHTLINER
392	SHEPPARD	SHA4/SGK4/SFP4	392		INTERNATIONAL
392	SHEPPARD	SHD4	392	MITER	CRANE CARRIER
392	SHEPPARD	SHM6	392		MACK
392	SHEPPARD	SHQ4	392		PETERBILT
392	SHEPPARD	SHU4	392		MACK
392	SHEPPARD	SHW6	392		MACK
392	SHEPPARD	SJB6	392	MITER	MACK
392	SHEPPARD	SJD6	392		INTERNATIONAL
392	SHEPPARD	SJF4	392		INTERNATIONAL
392	SHEPPARD	SJM6	392		INTERNATIONAL
392	SHEPPARD	SJN6	392		INTERNATIONAL
392	SHEPPARD	SJP6	392	SLAVE	KENWORTH
392	SHEPPARD	SJT6	392		KENWORTH
392	SHEPPARD	SJV6	392		VOLVO/GM/WESTER

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
392	SHEPPARD	SKL6	392	SLAVE	HME
392	SHEPPARD	SKT6	392		MACK
392	SHEPPARD	SU4	392		INTERNATIONAL
392	SHEPPARD	SV4	392		INTERNATIONAL
392	SHEPPARD	SX3	392		MACK
392	SHEPPARD	T2	392		INTERNATIONAL
392	SHEPPARD	V1	392		MACK
392	SHEPPARD	Z1	392	MITER	MACK

NOTES

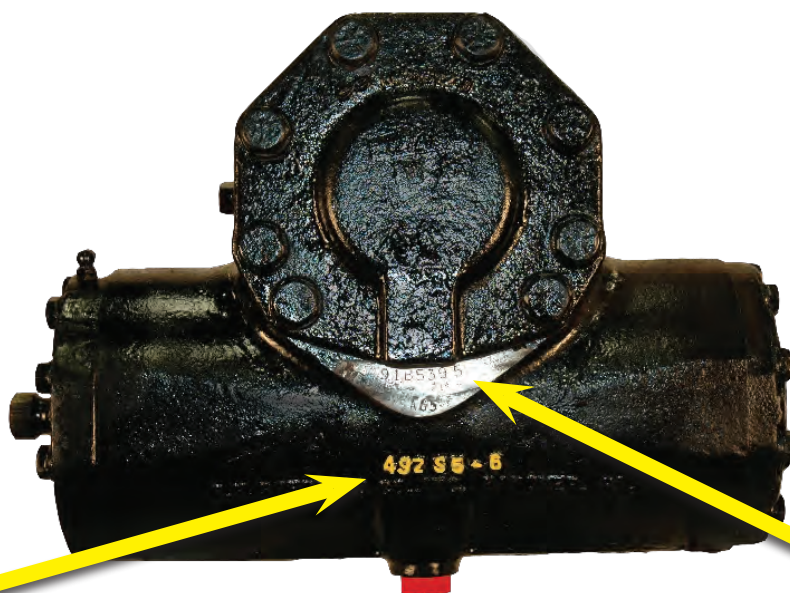
SHEPPARD 492



Casting Number



Identification Number



Casting Number

Back View

Identification Number

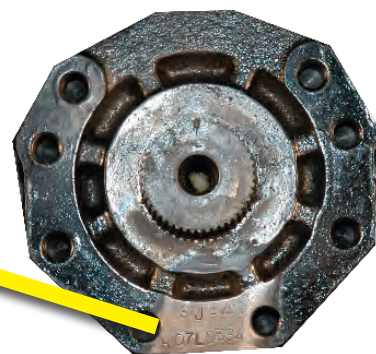
MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
492	SHEPPARD	9R113	492		
492	SHEPPARD	A04	492		PIRSCH
492	SHEPPARD	AP4	492		GMC/MCI
492	SHEPPARD	AY3	492		BROCKWAY
492	SHEPPARD	BH1	492		MACK
492	SHEPPARD	BH3	492		MACK

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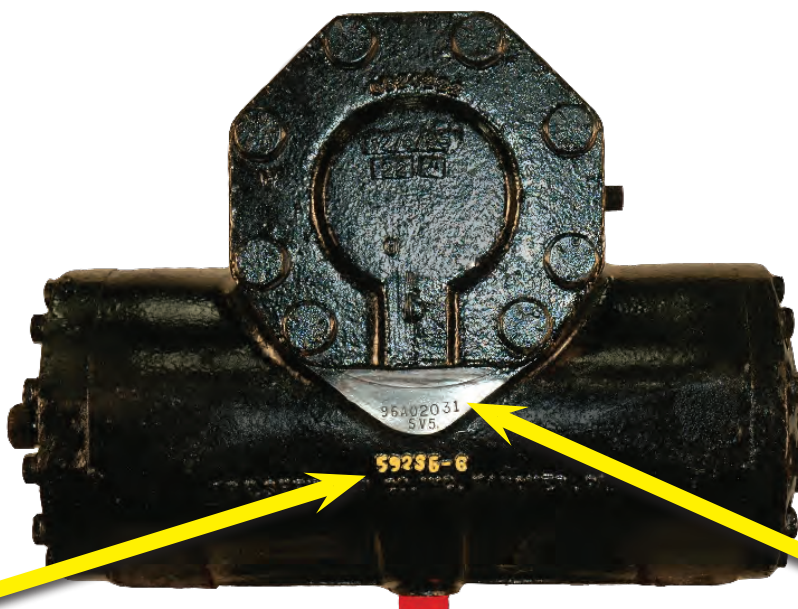
SHEPPARD 492

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
492	SHEPPARD	B03	492	MITER	MACK
492	SHEPPARD	BQ4	492		VOLVO/GM
492	SHEPPARD	CD4	492		GMC
492	SHEPPARD	CDA	492		
492	SHEPPARD	CFR2	492	SLAVE	
492	SHEPPARD	CX4	492		MILITARY
492	SHEPPARD	DER4	492	SLAVE	
492	SHEPPARD	SAF5	492		MACK
492	SHEPPARD	SAG5	492		MACK
492	SHEPPARD	SAQ4	492		MACK
492	SHEPPARD	SAT3	492		
492	SHEPPARD	SAW3	492		GROVE
492	SHEPPARD	SAX4	492		FLEXIBLE
492	SHEPPARD	SBE4	492		
492	SHEPPARD	SBG4	492		SIMON DUPLEX
492	SHEPPARD	SBR4	492		MILITARY
492	SHEPPARD	SBX4	492	MITER	PIERCE
492	SHEPPARD	SCA4	492		
492	SHEPPARD	SCB3	492	SLAVE	
492	SHEPPARD	SCW4	492		
492	SHEPPARD	SDB4	492		INTERNATIONAL
492	SHEPPARD	SDE4	492		ORION
492	SHEPPARD	SD0Z5	492		GMC
492	SHEPPARD	SDR4	492		
492	SHEPPARD	SDW5	492		
492	SHEPPARD	SEE5	492		AM GENERAL
492	SHEPPARD	SET4	492		
492	SHEPPARD	SFH5	492		MACK
492	SHEPPARD	SFW3	492	SLAVE	MILITARY
492	SHEPPARD	SFZ5	492	MITER	NEW FLYER
492	SHEPPARD	SG3	492		MACK
492	SHEPPARD	SGV5	492		MACK
492	SHEPPARD	SGW5	492		MACK
492	SHEPPARD	SHM5	492		MACK
492	SHEPPARD	SHV5	492		MACK
492	SHEPPARD	SJ3	492		
492	SHEPPARD	SJD5	492	MITER	
492	SHEPPARD	SK3	492		MACK
492	SHEPPARD	SS3	492		
492	SHEPPARD	SXZ3	492		FWD
492	SHEPPARD	SZ3	492		
492	SHEPPARD	Z	492	MITER	MACK

SHEPPARD 592



Identification Number



Casting Number

Back View

Identification Number

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
592	SHEPPARD	AH4	592		BROCKWAY
592	SHEPPARD	AR1	592		MACK
592	SHEPPARD	ARZ4	592		MACK
592	SHEPPARD	AZ4	592		KENWORTH
592	SHEPPARD	BH5	592		MACK
592	SHEPPARD	CHL4	592		GROVE

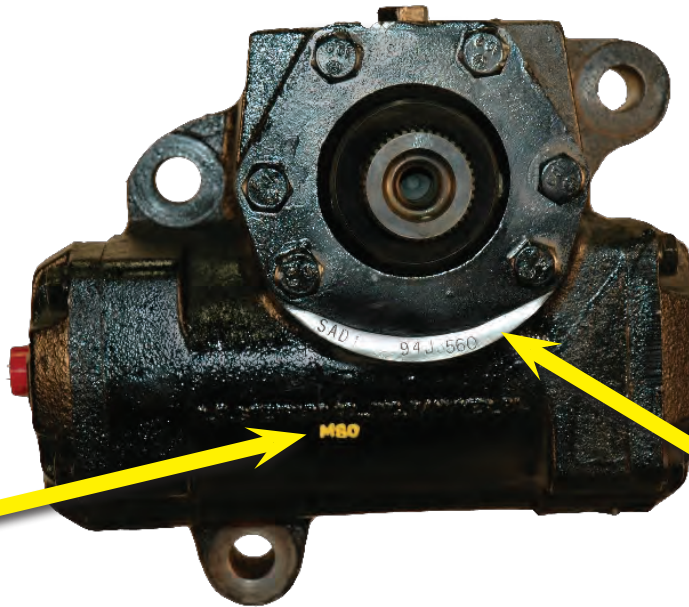
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SHEPPARD 592

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
592	SHEPPARD	CL4	592		MACK
592	SHEPPARD	D4	592		VOLVO WHITE
592	SHEPPARD	DAL4	592		PETERBILT
592	SHEPPARD	EB4	592	MITER	C.C.C.
592	SHEPPARD	SA5	592		MACK
592	SHEPPARD	SAK5	592		OSHKOSH
592	SHEPPARD	SAM5	592	MITER	OSHKOSH
592	SHEPPARD	SAT5	592	MITER	C.C.C.
592	SHEPPARD	SAX5	592		
592	SHEPPARD	SAY5	592	SLAVE	MACK
592	SHEPPARD	SBY5	592	MITER	MACK
592	SHEPPARD	SBY5	592		MACK
592	SHEPPARD	SCE5	592		BROCKWAY
592	SHEPPARD	SCR5	592		
592	SHEPPARD	SD5	592		MACK
592	SHEPPARD	SDE5	592		OSH KOSH
592	SHEPPARD	SDG5	592		
592	SHEPPARD	SDV5	592	MITER	CCC
592	SHEPPARD	SDW5	592		
592	SHEPPARD	SDX5	592	SLAVE	
592	SHEPPARD	ST5	592		MACK
592	SHEPPARD	SU5	592		MACK
592	SHEPPARD	SV5	592		MACK
592	SHEPPARD	SV5	592		MACK
592	SHEPPARD	U3	592	MITER	MACK
592	SHEPPARD	Z4	592		MACK

NOTES

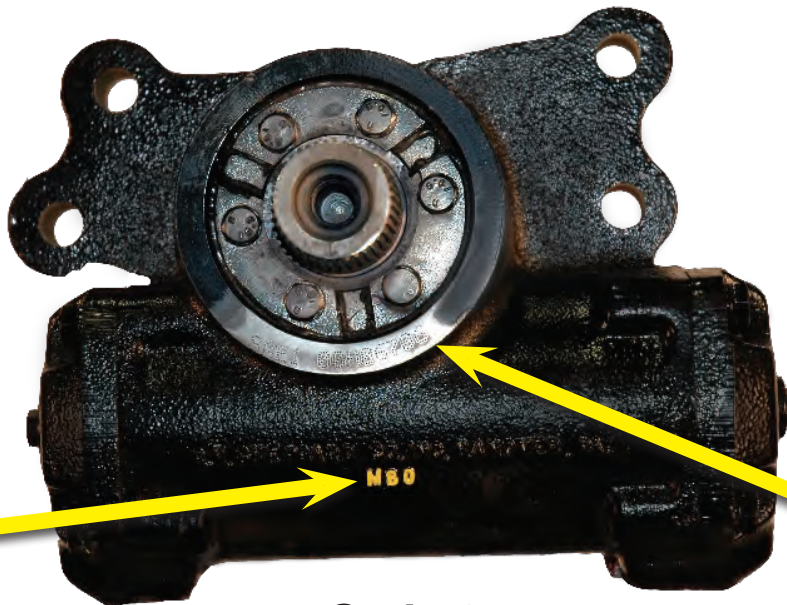
SHEPPARD M80



Casting Number

Identification Number

Style 1



Casting Number

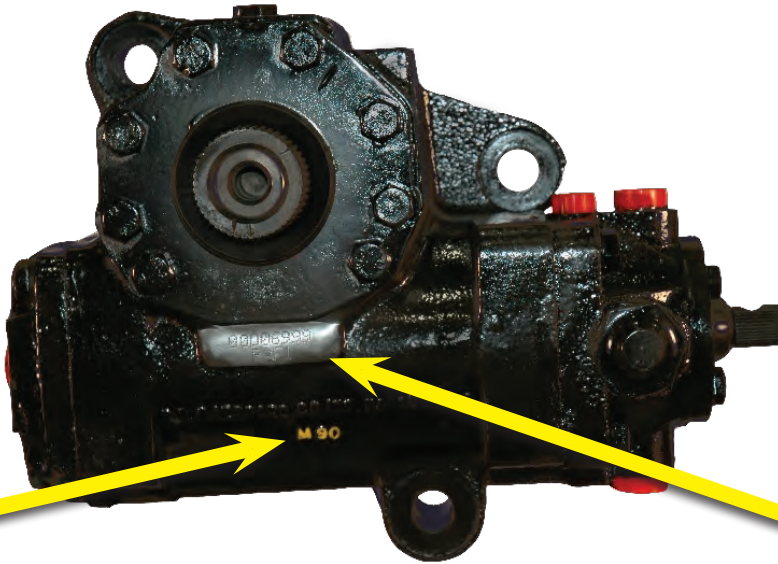
Identification Number

Style 2

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
M80	SHP	PAK1	M80		MACK
M80	SHP	PAT1/PBF1	M80		MACK
M80	SHP	PBG1	M80		
M80	SHP	PBL1	M80		TRANSIT BUS
M80	SHP	PBM1/PAW1	M80		ELDORADO
M80	SHP	PBN1	M80		
M80	SHP	PBQ1	M80		
M80	SHP	PBV1	M80		

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
M80	SHP	SAA1	M80	SLAVE	INTERNATIONAL
M80	SHP	SAD1	M80	SLAVE	INTERNATIONAL
M80	SHP	SAE1	M80	SLAVE	INTERNATIONAL
M80	SHP	SAM1	M80	SLAVE	INTERNATIONAL
M80	SHP	SAT1/SAW1	M80	SLAVE	INTERNATIONAL
M80	SHP	SAU1	M80	SLAVE	FREIGHTLINER
M80	SHP	M80	SAU1	SLAVE	FREIGHTLINER

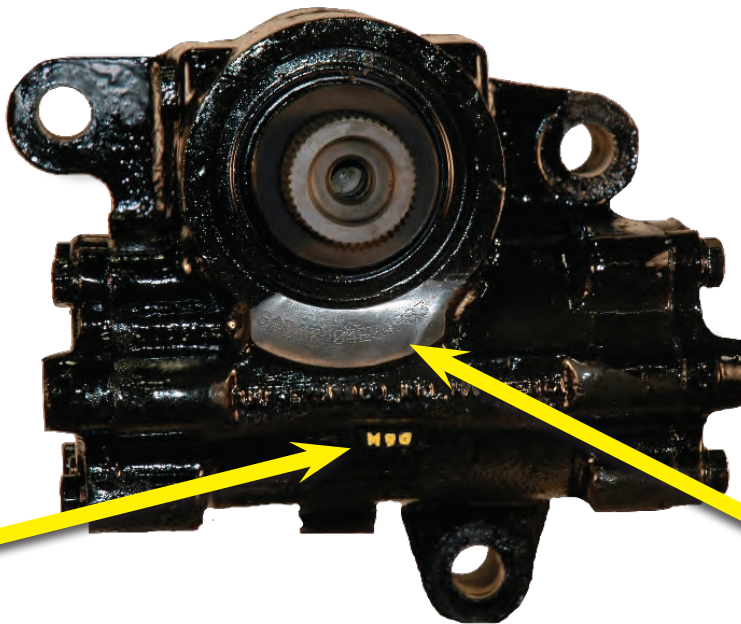
SHEPPARD M90



Casting Number

Style 1

Identification Number



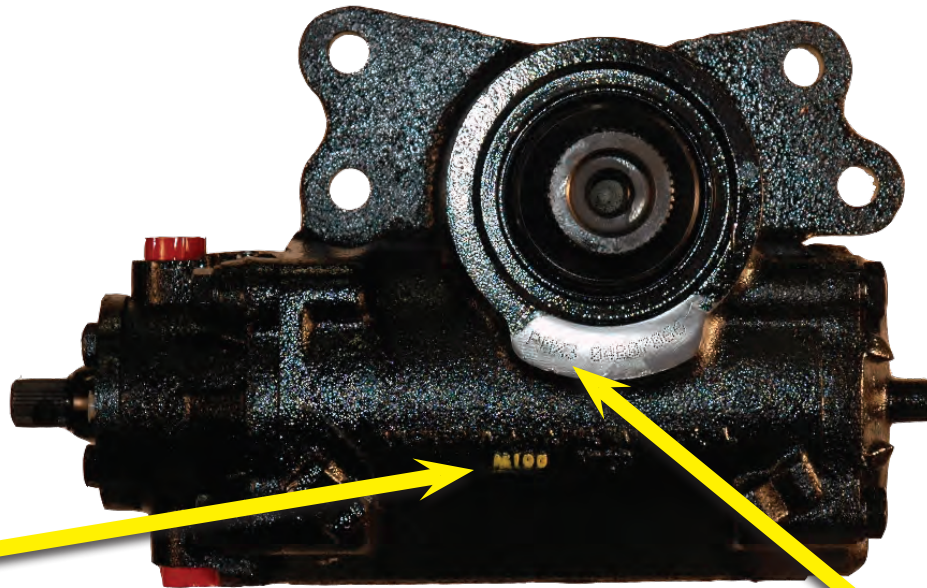
Casting Number

Style 2

Identification Number

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
M90	SHEPPARD	PAD1	M90		INTERNATIONAL
M90	SHEPPARD	PAE1	M90		INTERNATIONAL
M90	SHEPPARD	PAG1	M90		INTERNATIONAL
M90	SHEPPARD	PAS1	M90		MACK
M90	SHEPPARD	PBD3	M90		MACK
M90	SHEPPARD	SAD1	M90	SLAVE	PETERBILT
M90	SHEPPARD	SAS1	M90	SLAVE	MACK

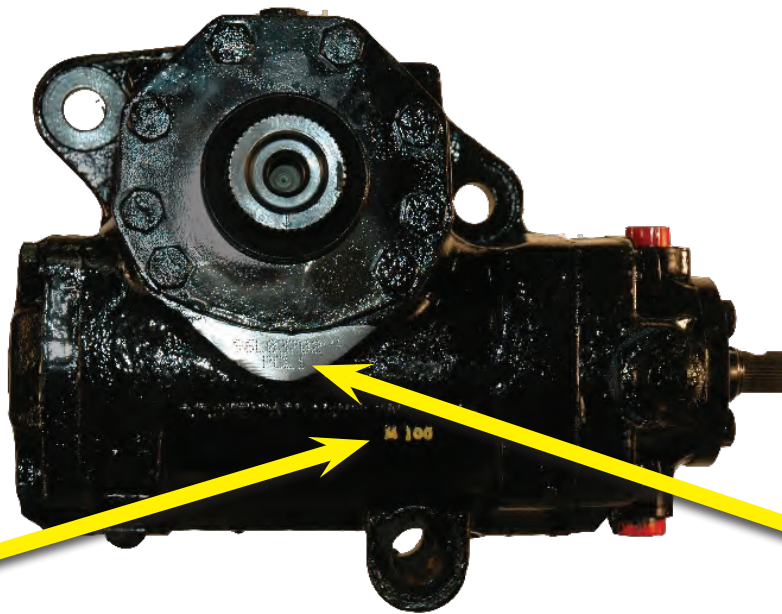
SHEPPARD M100



Casting Number

Style 1

Identification Number



Casting Number

Style 2

Identification Number

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
M100	SHEPPARD	PAB1	M100		
M100	SHEPPARD	PAE1	M100		PETERBILT
M100	SHEPPARD	PAG1	M100		INTERNATIONAL
M100	SHEPPARD	PAH1	M100		INTERNATIONAL
M100	SHEPPARD	PAL1	M100		GMC/VOLVO/WHITE
M100	SHEPPARD	PAM1/PCN1	M100		INTERNATIONAL
M100	SHEPPARD	PAN1	M100		GMC

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
M100	SHEPPARD	PBH1	M100		MACK
M100	SHEPPARD	PBM1	M100		MACK
M100	SHEPPARD	PBN1	M100		MILITARY
M100	SHEPPARD	PBW1	M100		FREIGHTLINER
M100	SHEPPARD	PBY1/PBZ1	M100		FREIGHTLINER
M100	SHEPPARD	PCA1	M100		FREIGHTLINER
M100	SHEPPARD	PCD1	M100		

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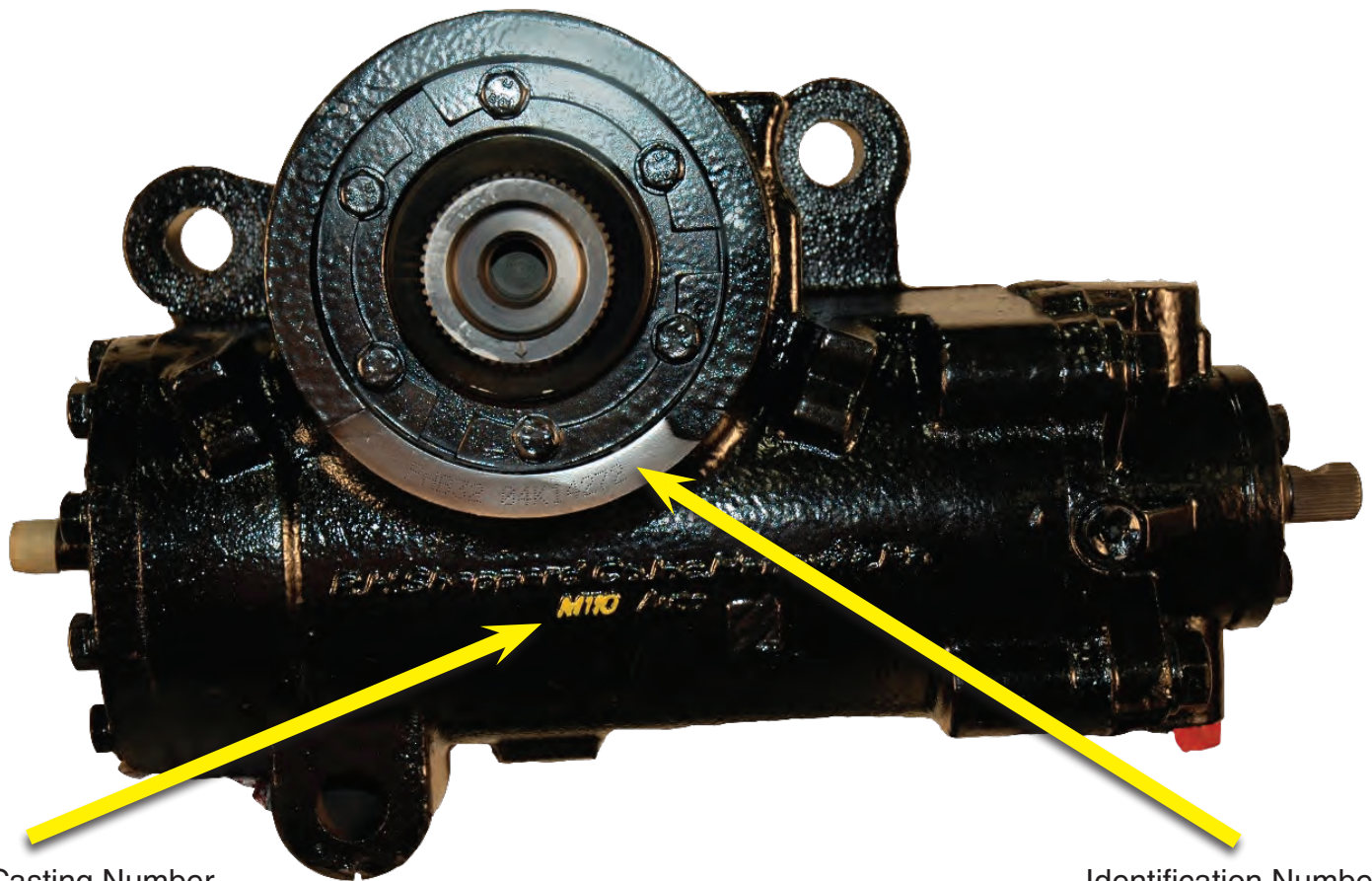
SHEPPARD M100

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
M100	SHEPPARD	PCL1	M100		INTERNATIONAL
M100	SHEPPARD	PCL3	M100		INTERNATIONAL
M100	SHEPPARD	PCP1	M100		INTERNATIONAL
M100	SHEPPARD	PCR1	M100		INTERNATIONAL
M100	SHEPPARD	PCT1	M100		FREIGHTLINER
M100	SHEPPARD	PCX1	M100		CARPENTER
M100	SHEPPARD	PDA1	M100		MARMON
M100	SHEPPARD	PDJ1	M100		INTERNATIONAL
M100	SHEPPARD	PDK1	M100		MACK
M100	SHEPPARD	PDL1	M100		MACK
M100	SHEPPARD	PDQ1	M100		KENWORTH
M100	SHEPPARD	PDU1/PEZ1	M100		VOLVO/WHITE
M100	SHEPPARD	PEG1	M100		INTERNATIONAL
M100	SHEPPARD	PEN1/PLE1	M100		KENWORTH
M100	SHEPPARD	PET1/PLJ1	M100		KENWORTH
M100	SHEPPARD	PEW1	M100		PETERBILT
M100	SHEPPARD	PFA1	M100		THOMAS
M100	SHEPPARD	PFB1/PHB1	M100		MACK
M100	SHEPPARD	PFF1/PJB1	M100		VOLVO
M100	SHEPPARD	PFS1	M100		PETERBILT
M100	SHEPPARD	PGB1	M100		PETERBILT
M100	SHEPPARD	PGE1	M100		FREIGHTLINER
M100	SHEPPARD	PGE3	M100		FREIGHTLINER
M100	SHEPPARD	PGG1	M100		MACK
M100	SHEPPARD	PGH1	M100		MACK
M100	SHEPPARD	PGW1	M100		PETERBILT
M100	SHEPPARD	PHD1	M100		INTERNATIONAL
M100	SHEPPARD	PHD3/PMW3	M100		INTERNATIONAL
M100	SHEPPARD	PHE1	M100		INTERNATIONAL
M100	SHEPPARD	PHE1	M100		INTERNATIONAL
M100	SHEPPARD	PHE3/PMX3	M100		INTERNATIONAL
M100	SHEPPARD	PHF1	M100		FREIGHTLINER
M100	SHEPPARD	PHU1	M100		INTERNATIONAL
M100	SHEPPARD	PJB1	M100		VOLVO
M100	SHEPPARD	PJC1	M100		KENWORTH
M100	SHEPPARD	PJD3	M100		FREIGHTLINER
M100	SHEPPARD	PJH1	M100		MACK
M100	SHEPPARD	PJJ1	M100		MACK
M100	SHEPPARD	PJM3	M100		PETERBILT
M100	SHEPPARD	PKC3	M100		FREIGHTLINER
M100	SHEPPARD	PKE3	M100		INTERNATIONAL
M100	SHEPPARD	PLG3	M100		MONACO
M100	SHEPPARD	PLT3	M100		HME
M100	SHEPPARD	PMK3	M100		PETERBILT
M100	SHEPPARD	PML3	M100		PETERBILT
M100	SHEPPARD	PMN3	M100		IHC/MONACO
M100	SHEPPARD	PMT3	M100		INTERNATIONAL

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
M100	SHEPPARD	PND3	M100		
M100	SHEPPARD	PNE3	M100		MACK
M100	SHEPPARD	PNJ3	M100		PETERBILT
M100	SHEPPARD	PNQ3	M100		MACK
M100	SHEPPARD	PPA3	M100		MONACO
M100	SHEPPARD	PPF3	M100		CAPACITY
M100	SHEPPARD	PPG3/PQW3	M100		VOLVO
M100	SHEPPARD	PQE3	M100		PETERBILT
M100	SHEPPARD	PQF3	M100		KENWORTH
M100	SHEPPARD	PQG3	M100		KENWORTH
M100	SHEPPARD	PQH3	M100		KENWORTH
M100	SHEPPARD	PQM3	M100		INTERNATIONAL
M100	SHEPPARD	PQQ3	M100		KENWORTH
M100	SHEPPARD	PQR3	M100		KENWORTH
M100	SHEPPARD	PQT3	M100		
M100	SHEPPARD	PQV3	M100		MACK
M100	SHEPPARD	PRD3	M100		KENWORTH
M100	SHEPPARD	SAL1	M100	SLAVE	INTERNATIONAL

NOTES

SHEPPARD M110

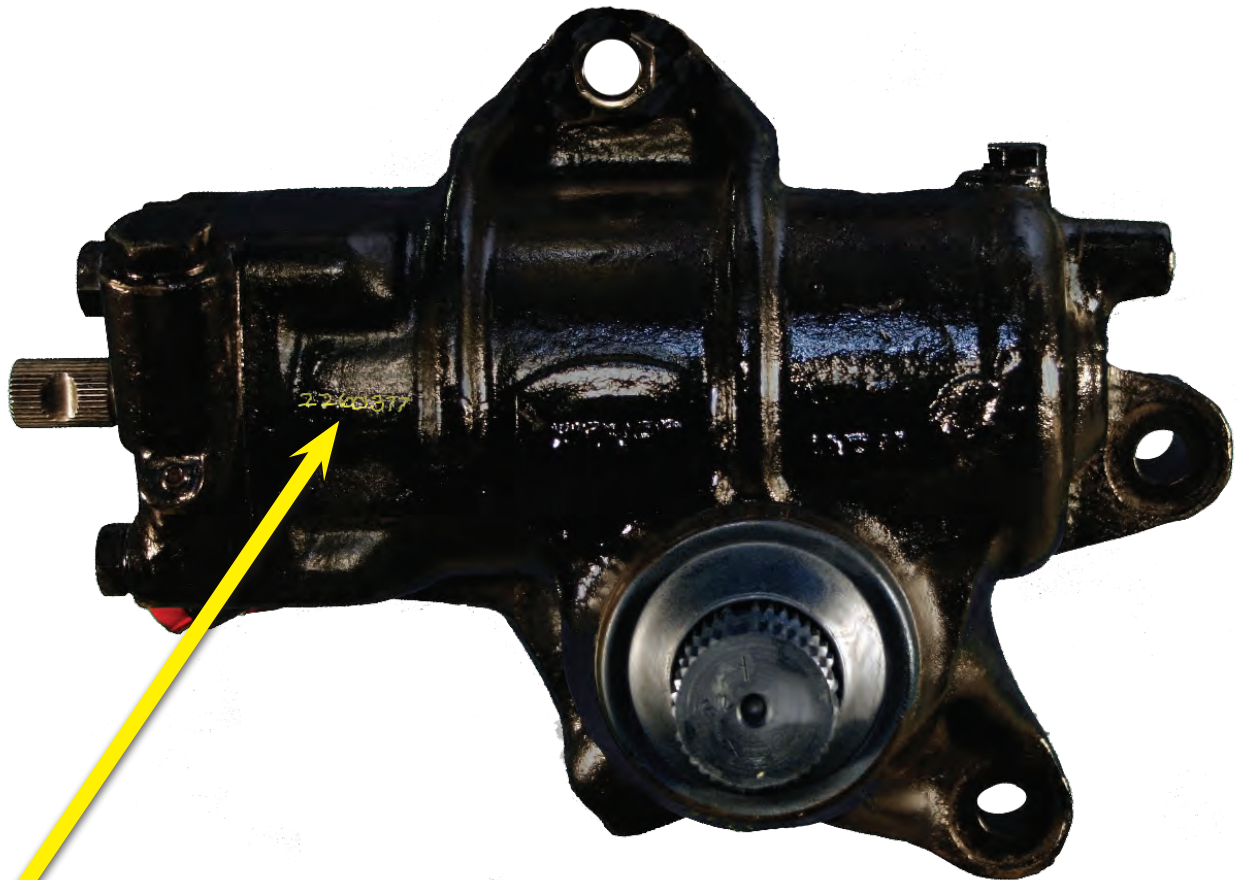


Casting Number

Identification Number

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
M110	SHEPPARD	PAJ22	M110		KENWORTH
M110	SHEPPARD	PBQ1	M110		KENWORTH
M110	SHEPPARD	PCR1	M110		SPARTAN
M110	SHEPPARD	PCS1	M110		
M110	SHEPPARD	PDK1	M110		SPARTAN
M110	SHEPPARD	PEG1	M110		
M110	SHEPPARD	PFA1	M110		KENWORTH
M110	SHEPPARD	PFY1	M110		HME
M110	SHEPPARD	PGM3/PJE3	M110		INTERNATIONAL
M110	SHEPPARD	PGX1	M110		PIERCE/OSHKOSH
M110	SHEPPARD	PHB3	M110		
M110	SHEPPARD	PHC3	M110		MACK
M110	SHEPPARD	PHE1	M110		KENWORTH
M110	SHEPPARD	PHM1/PHN1	M110		PETERBILT
M110	SHEPPARD	PJT3	M110		MACK
M110	SHEPPARD	PJZ3	M110		PETERBILT
M110	SHEPPARD	PKP1	M110		KENWORTH
M110	SHEPPARD	PLW3	M110		INTERNATIONAL
M110	SHEPPARD	PSA1	M110		
M110	SHEPPARD	SAB2	M110		MILITARY
M110	SHEPPARD	SAJ1	M110	SLAVE	
M110	SHEPPARD	SAP1	M110	SLAVE	PIERCE

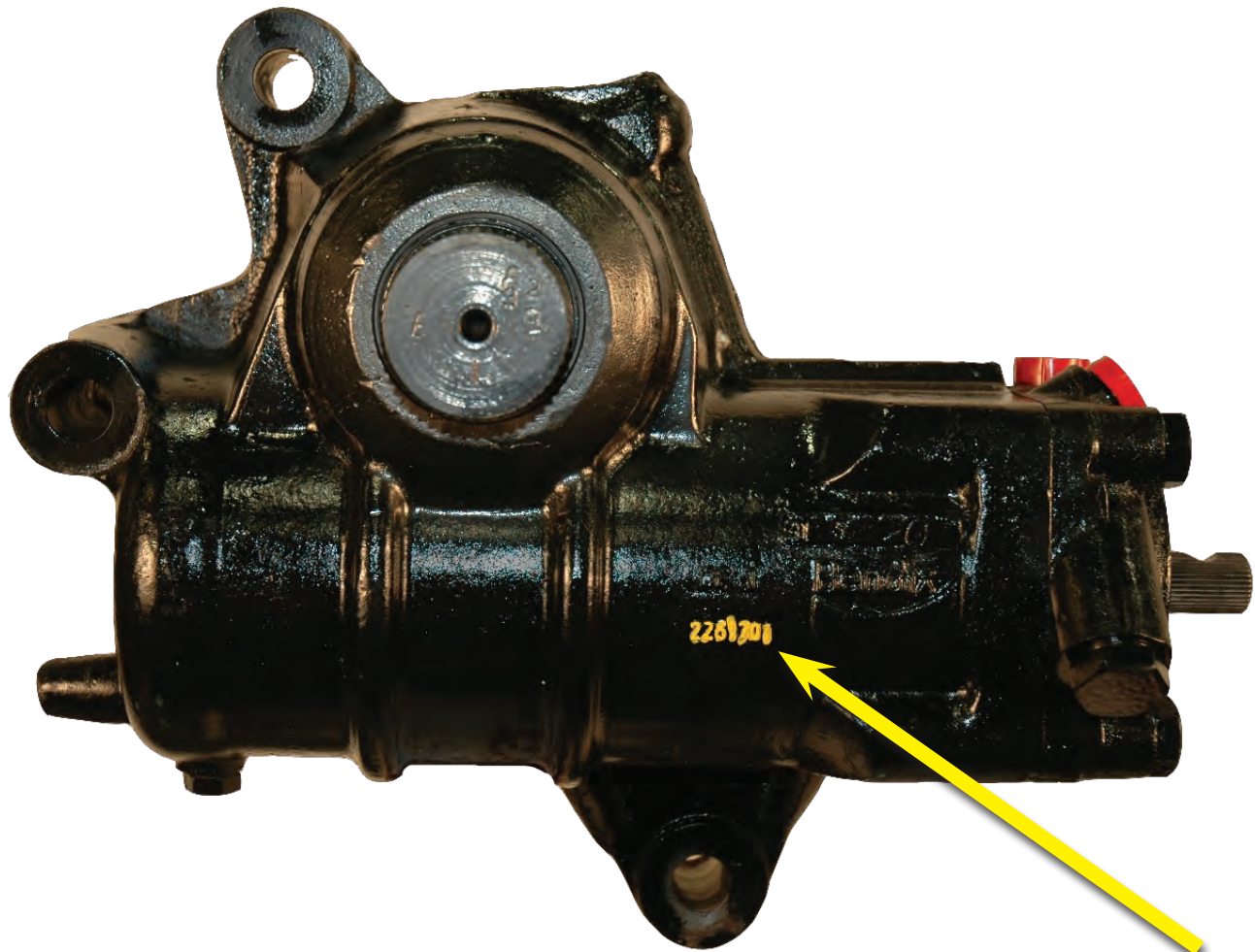
BENDIX C300



Casting Number

MODEL	OEM	CASTING NUMBER	APPLICATION
C300	BDX	2260377	FORD F500/F700
C300	BDX	2261699	FORD F500/F700

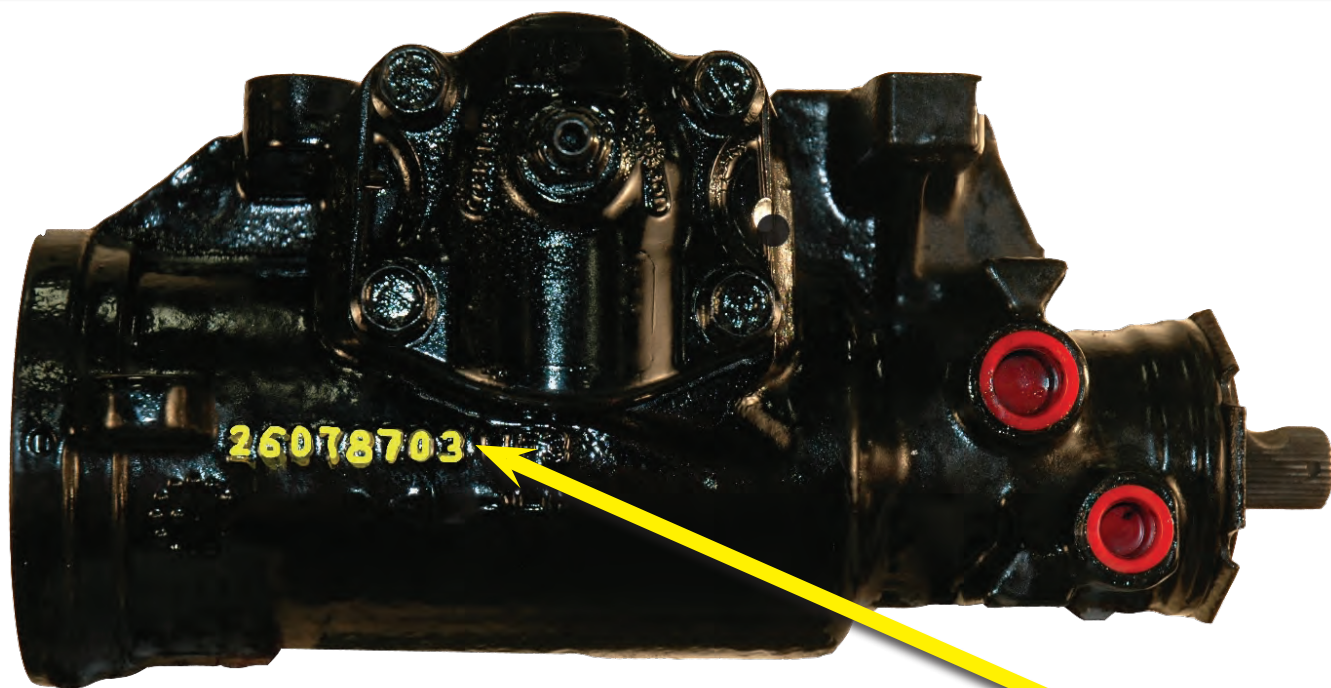
BENDIX C500



Casting Number

MODEL	OEM	CASTING #	SERIES	APPLICATION
C500	BENDIX	2260351		FORD
C500	BENDIX	2261701		FORD
C500	BENDIX	2268006		FORD
C500	BENDIX	281149		NABI

SAGINAW 2609



View 1

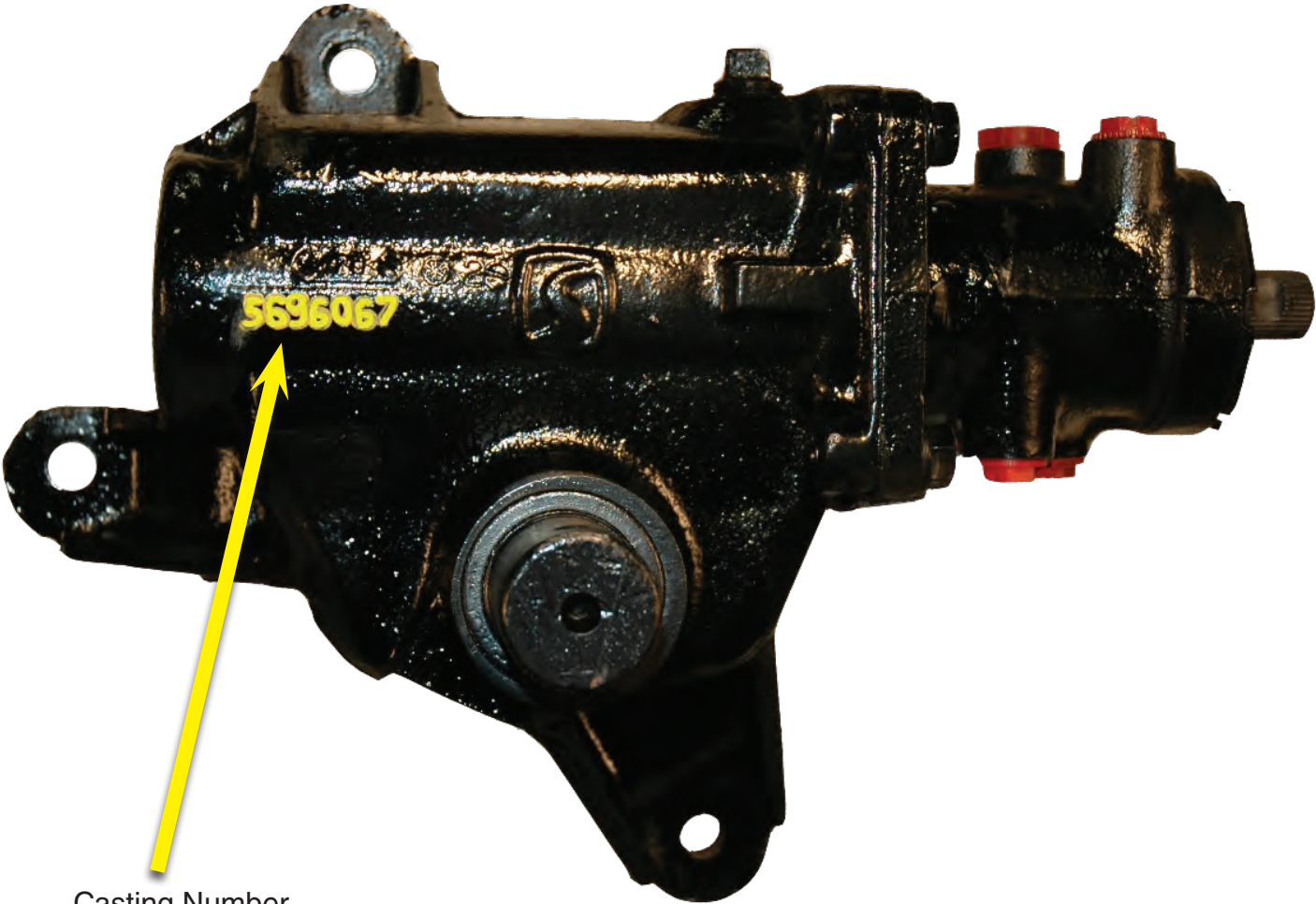
Casting Number



View 2

MODEL	OEM	PART NUMBER	CASTING #	APPLICATION
2609	SAGINAW	26096530	26078703	FREIGHTLINER
2609	SAGINAW	26096521	26078703	FREIGHTLINER

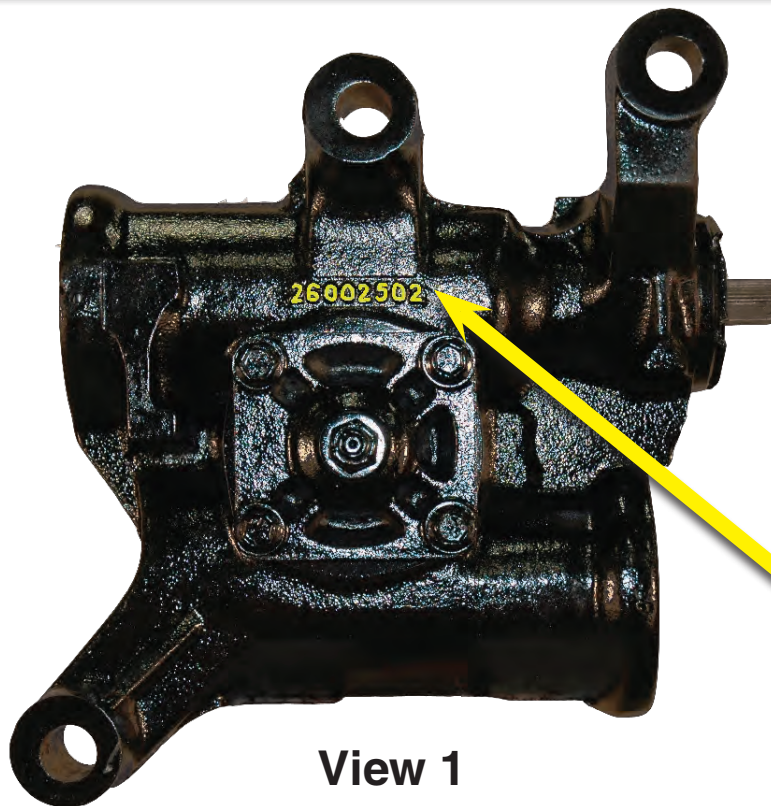
SAGINAW 5696067



Casting Number

MODEL	OEM	CASTING NUMBER	AXLE RATING	APPLICATION
5696067	SAGINAW	5696067	12K	CHEVROLET/GMC
5696067	SAGINAW	5696067	18K	CHEVROLET/GMC

SAGINAW 26002502



View 1

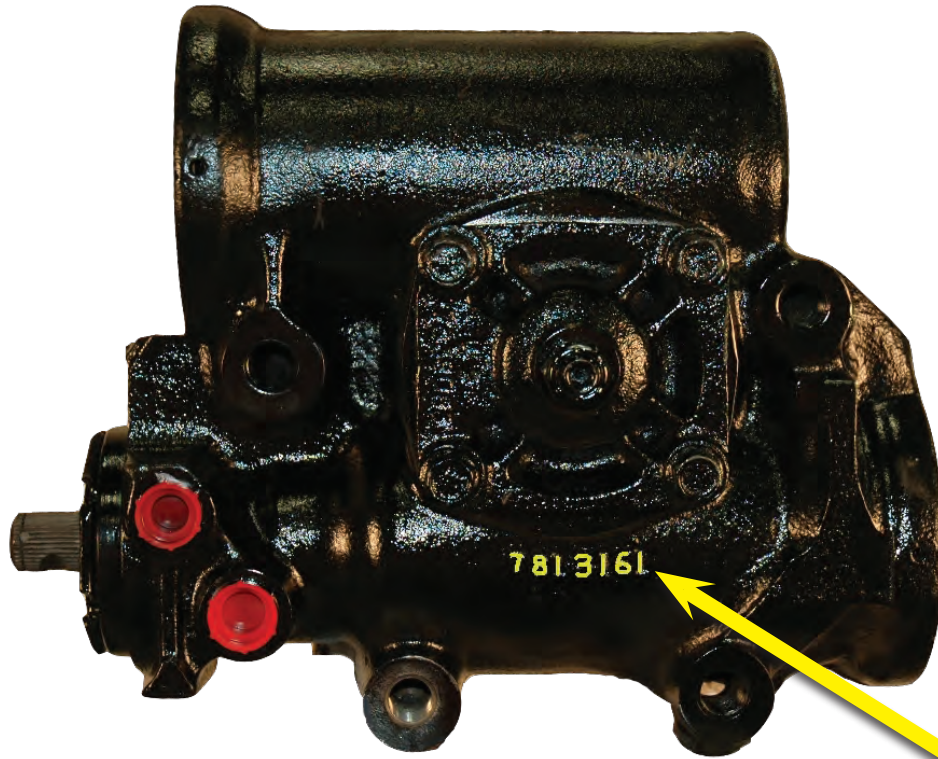
Casting Number



View 2

MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
DUAL	SAG	15748668	26002502	TOP KICK	CHEVY/GMC
DUAL	SAG	15748686	26002502	TOP KICK	CHEVY/GMC
DUAL	SAG	15781042	26002502	TOP KICK	CHEVY/GMC
DUAL	SAG	26002502	26002502	TOP KICK	CHEVY/GMC
DUAL	SAG	26054329	26002502	TOP KICK	CHEVY/GMC
DUAL	SAG	26079354	26002502	TOP KICK	CHEVY/GMC
DUAL	SAG	26124200	26002502	TOP KICK	CHEVY/GMC

SAGINAW 7813161



View 1

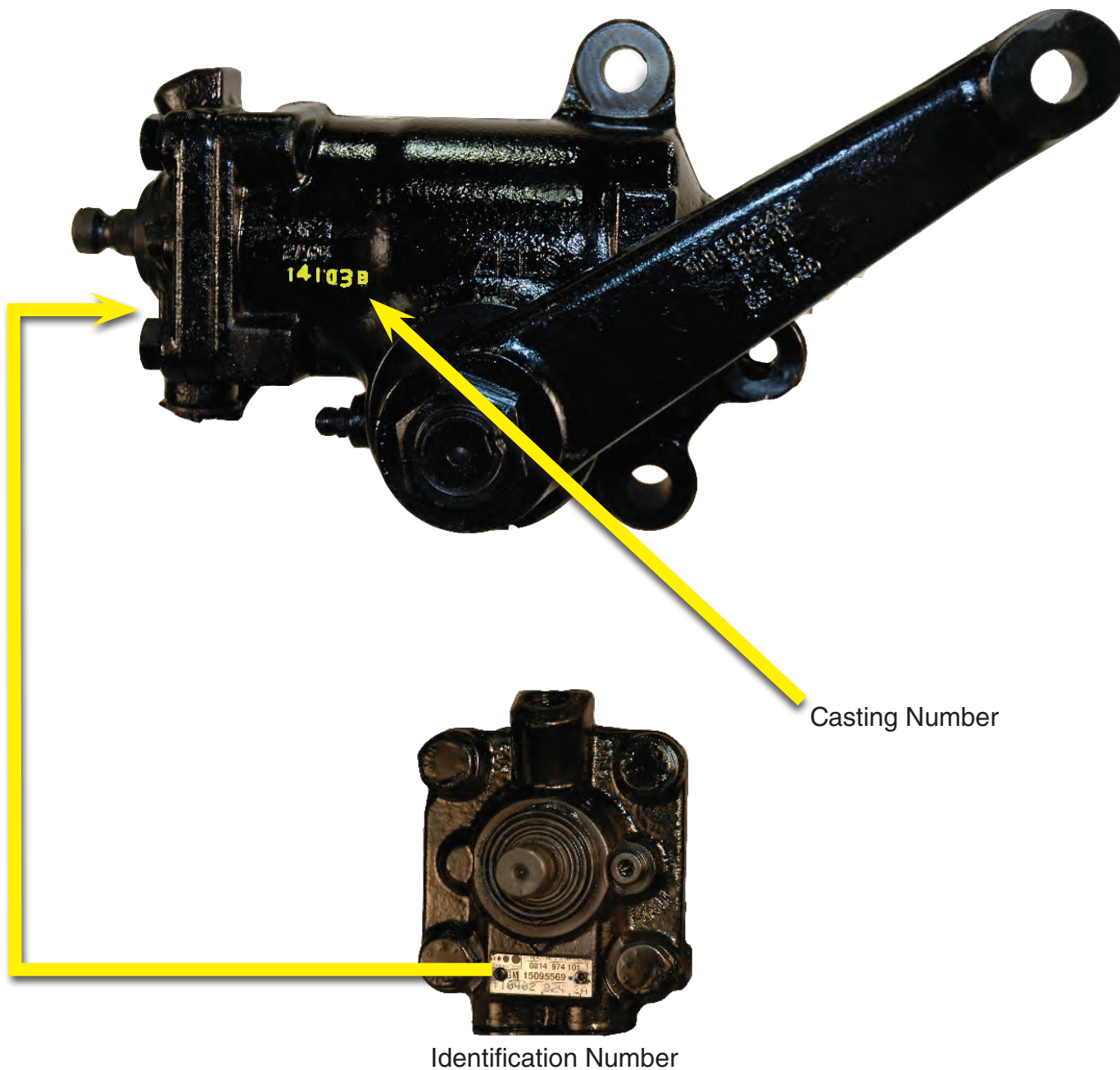
Casting Number



View 2

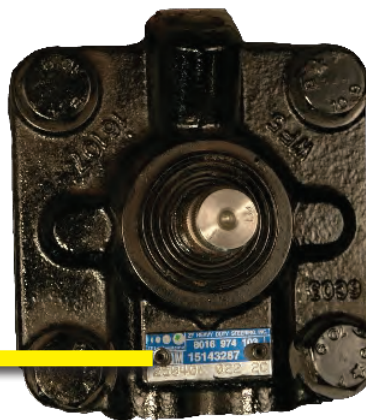
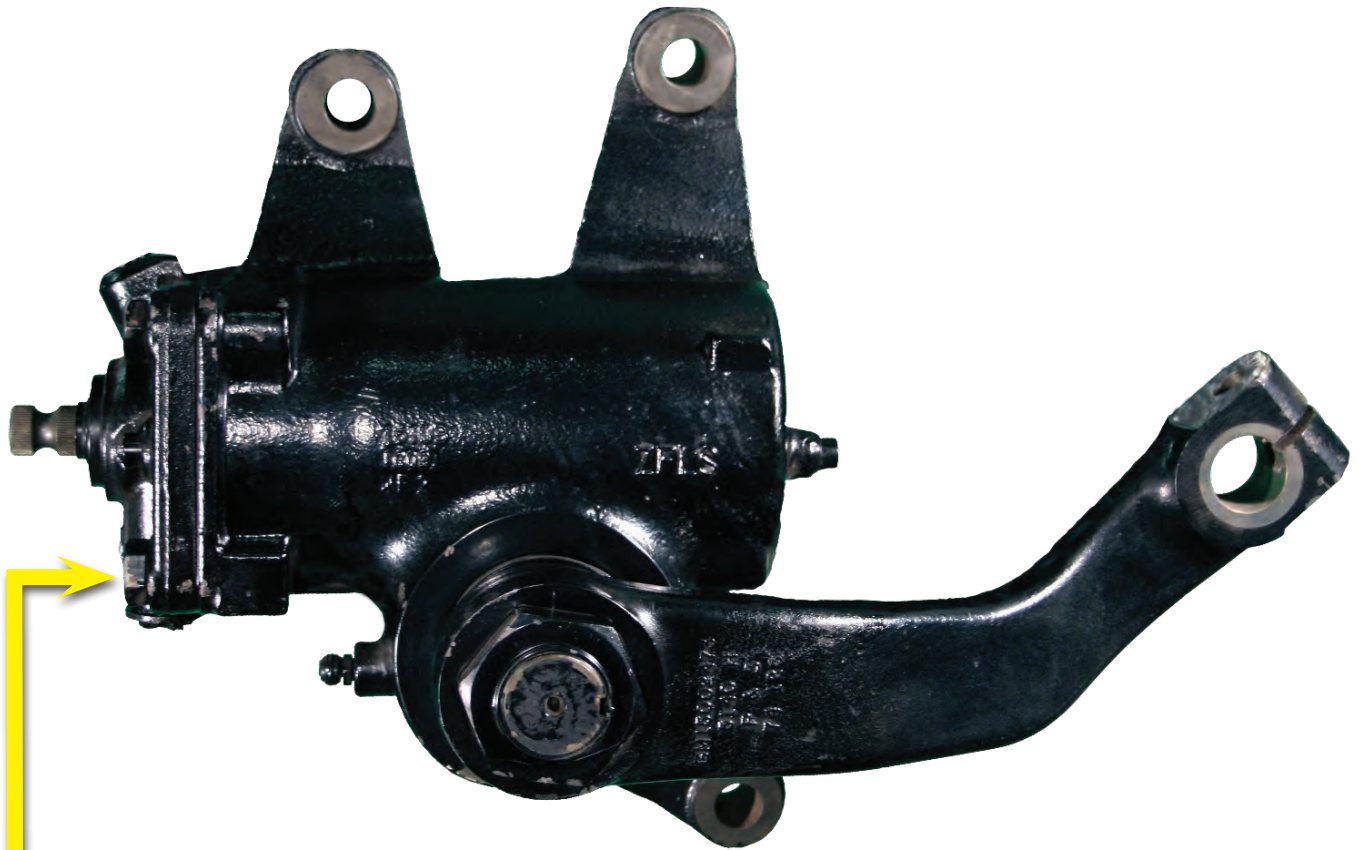
MODEL	OEM	PART NUMBER	CASTING #	SERIES	APPLICATION
DUAL	SAGINAW	7813161	7813161	METRIC	CHEVY/GMC
DUAL	SAGINAW	7813161	7813161	SPECIAL METRIC D9	CHEVY/GMC
DUAL	SAGINAW	7813161	7813161	STANDARD	CHEVY/GMC/DODGE
DUAL	SAGINAW	7813161	7813161	SPECIAL METRIC	FREIGHTLINER

ZF 8014



MODEL	OEM	PART NUMBER	CASTING #	APPLICATION
8014	ZF	8014955103	14107	
8014	ZF	8014955106	14103B	GMC
8014	ZF	8014955108	230605 028 4A	GMC
8014	ZF	8014955111	14111B	FORD
8014	ZF	8014955112	14103B	GMC
8014	ZF	8014955113	14105B	GMC
8014	ZF	8014974101	14103B	GMC
8014	ZF	8014974102	14105B	GMC
8014	ZF	8014974104	14103B	GMC
8014	ZF	8014974105	14105B	GMC
8014	ZF	8017955107		GMC

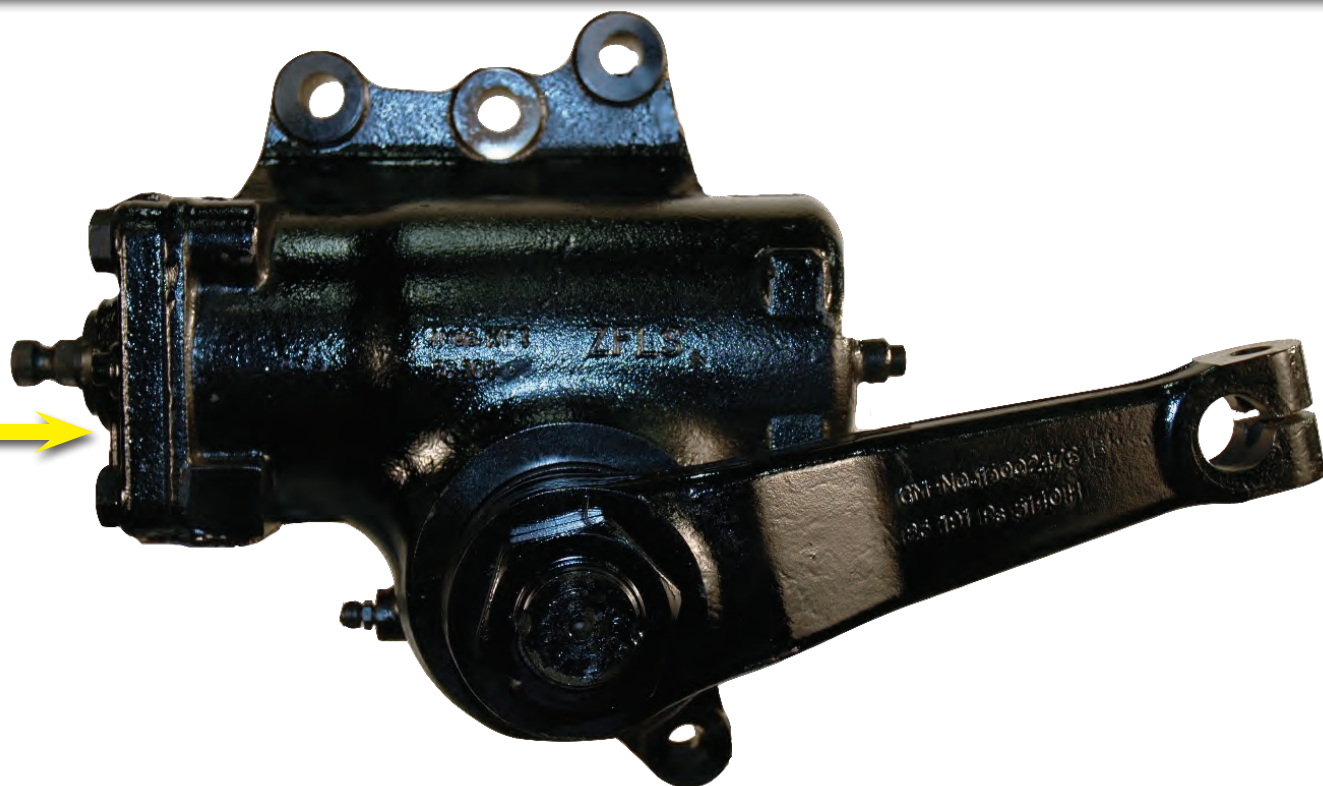
ZF 8016



Identification Number

MODEL	OEM	PART NUMBER	CASTING #	APPLICATION
8016	ZF	8016955102	16103	WORKHORSE
8016	ZF	8016955109	16111	SPARTAN
8016	ZF	8016974101	16103	GMC
8016	ZF	8016974103	16103	GMC

ZF 8018



Identification Number

MODEL	OEM	PART NUMBER	CASTING #	APPLICATION
8018	ZF	8018974101	18101	GMC
8018	ZF	8018974102	18101	GMC
8018	ZF	8018955104	18101	SPARTAN
8018	ZF	8018955108	18101	

ZF 8097



MODEL	OEM	PART NUMBER	APPLICATION
8097	ZF	8097955960/826	GMC/ISUZU/VOLVO
8097	ZF	8097955994	GMC/ISUZU/VOLVO
8097	ZF	8097955962/827	GMC/ISUZU/VOLVO
8097	ZF	8097955959	GMC/ISUZU/VOLVO

ZF 8098

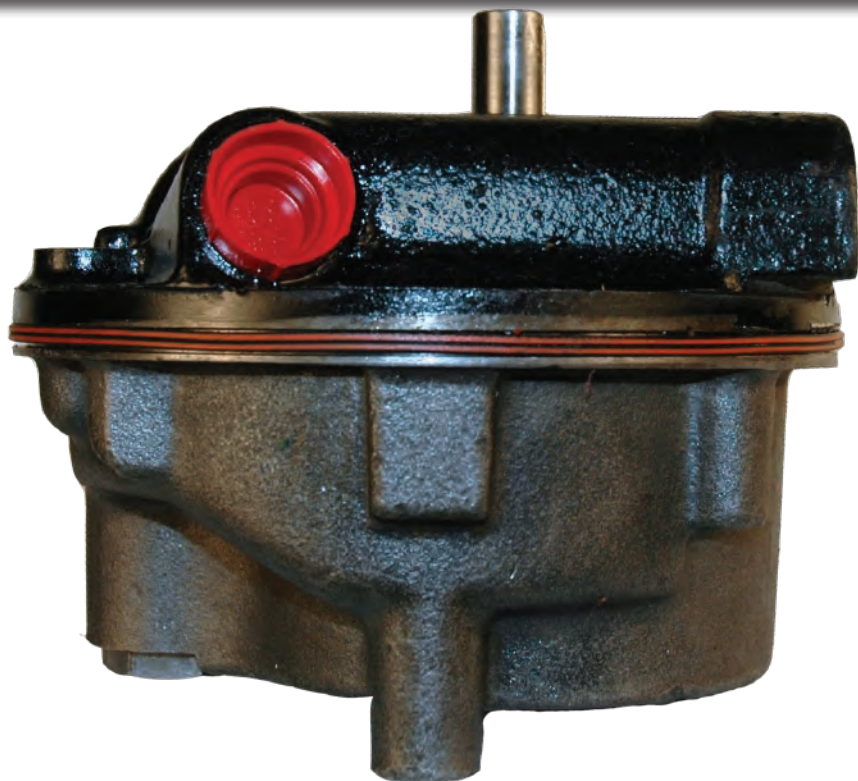


MODEL	OEM	PART NUMBER	APPLICATION
8098	ZF	8098955114	NEOPLAN
8098	ZF	8098955146	STEWART/STEVENS
8098	ZF	8098955260	
8098	ZF	8098955362	NABI
8098	ZF	8098955415	VANHOOL
8098	ZF	8098955433	
8098	ZF	8098955435	VAN HOOL
8098	ZF	8098955446	NEOPLAN
8098	ZF	8098955641	CIVIS
8098	ZF	8098955668	SPARTAN

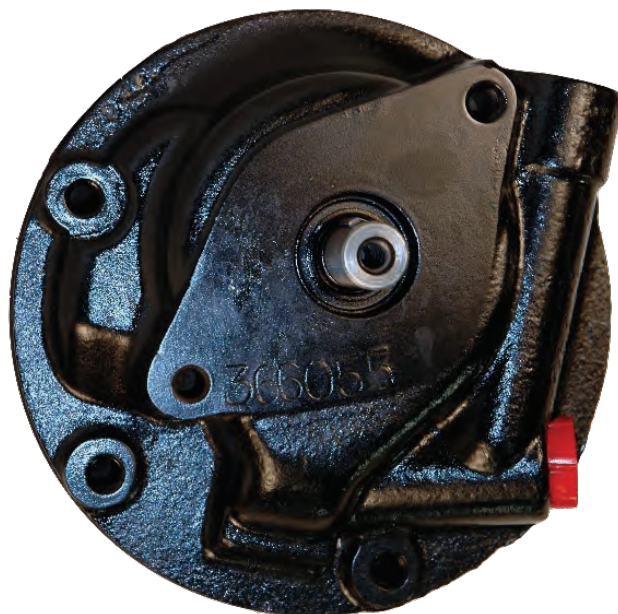
STEERING PUMPS



HOBOURN/EATON B



View 1



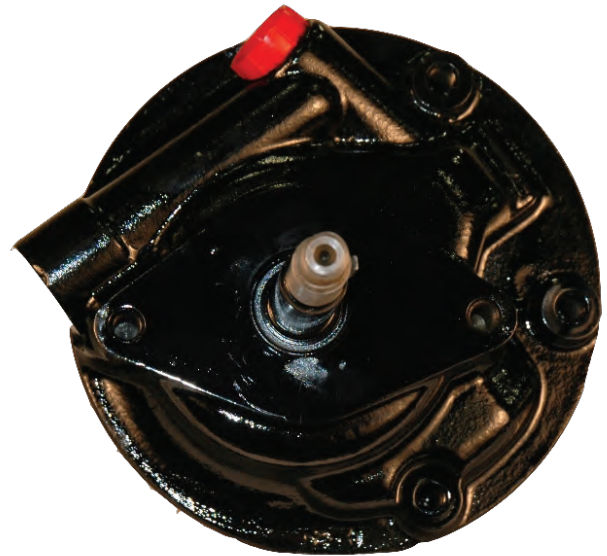
View 2

MODEL	OEM	SERIES	SHAFT LENGTH	SHAFT TYPE	APPLICATION
B	EATON	400	1"	KEYED	FORD/INTERNATIONAL
B	EATON	400LV	1"	KEYED	FORD/INTERNATIONAL
B	EATON	500	1.62"	SPLINED	FORD/MACK
B	EATON	600	2.5"	SPLINED	3406 B
B	EATON	600	2.5"	SPLINED	3406 A
B	EATON	700	3.25"	SPLINED	CUMMINS
B	EATON	800	3.5"	KEYED/THREADED	DETROIT
B	EATON	800R	3.5"	KEYED/THREADED	DETROIT
B	EATON	800RX	4.375"	KEYED/THREADED	DETROIT
B	EATON	800X	4.375"	KEYED/THREADED	DETROIT

Detroit Style

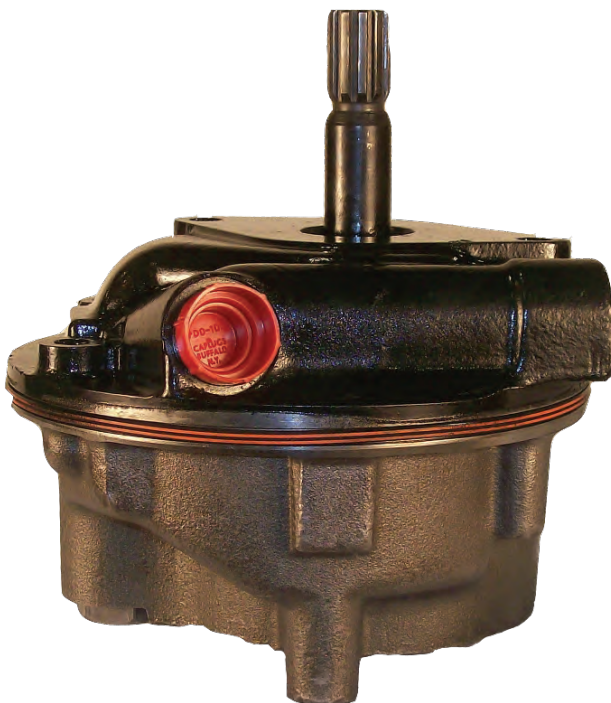


View 1

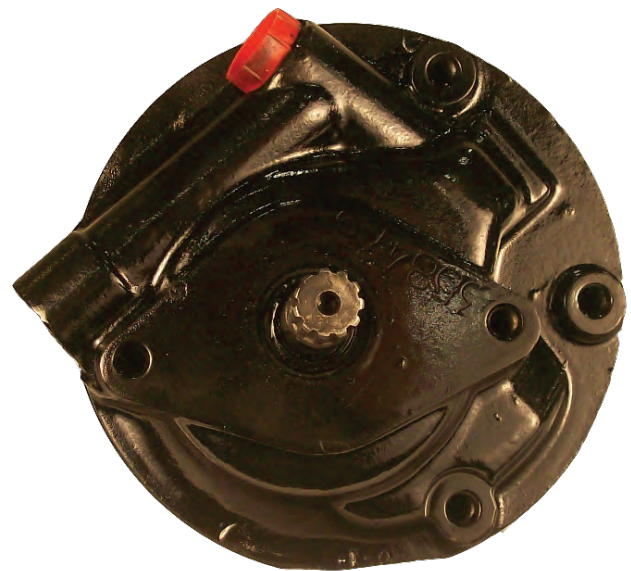


View 2

Spline Style

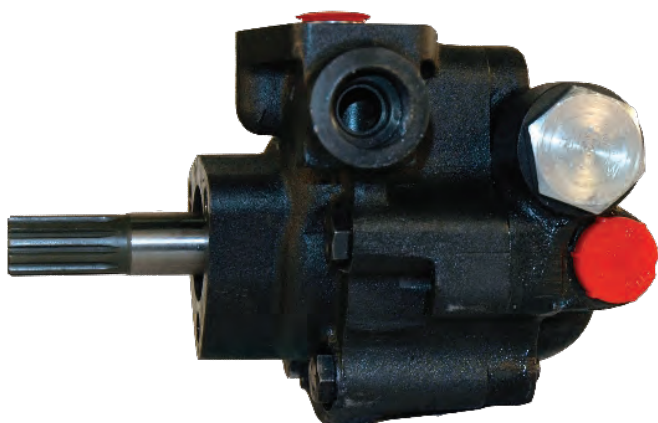


View 1



View 2

HOBOURN/EATON BB



View 1



View 2

HOBOURN/EATON BB R A 2 X * *

Rear Housing Cover

- R CW Casted on Back Housing
- L CCW Casted on Back Housing
- G Special GM Body CW
- F Special Ford Body CW

Shaft Type & Rotor Width

- A Bolt & Key, Pulley Driven, Small Rotor
- B Bolt & Key, Pulley Driven, Large Rotor
- H Nut & Key, Detroit Diesel, Small Rotor
- D Nut & Key, Detroit Diesel, Large Rotor
- E 11 Tooth Spline, Cummins, Cat, Large Rotor
- F 11 Tooth Spline, Cummins, Cat, Small Rotor
- G Bolt & Key, Detroit Diesel, Small Rotor
- L Bolt & Key, Detroit Diesel, Large Rotor
- J Bolt & Key, Ford Diesel, DT466, Small Rotor
- K Bolt & Key, Ford Diesel, DT466, Large Rotor

Orifice Size

- | | |
|---------|----------|
| 1 9/64" | 4 13/64" |
| 2 5/32" | 5 7/32" |
| 3 3/16" | |

Pressure Setting

- | | |
|-------------------|-------------------|
| A 650 – 850 psi | N 1700 – 1900 psi |
| B 800 – 1000 psi | P 1750 – 1950 psi |
| C 1000 – 1200 psi | Q 1800 – 2000 psi |
| D 1100 – 1300 psi | R 1850 – 2050 psi |
| E 1200 – 1400 psi | S 1900 – 2100 psi |
| F 1250 – 1350 psi | T 1950 – 2150 psi |
| G 1350 – 1550 psi | U 2000 – 2200 psi |
| H 1400 – 1600 psi | V 2050 – 2250 psi |
| J 1500 – 1700 psi | W 2100 – 2300 psi |
| K 1550 – 1750 psi | X 2200 – 2400 psi |
| L 1600 – 1800 psi | Y 2250 – 2450 psi |
| M 1650 – 1850 psi | Z 2300 – 2500 psi |

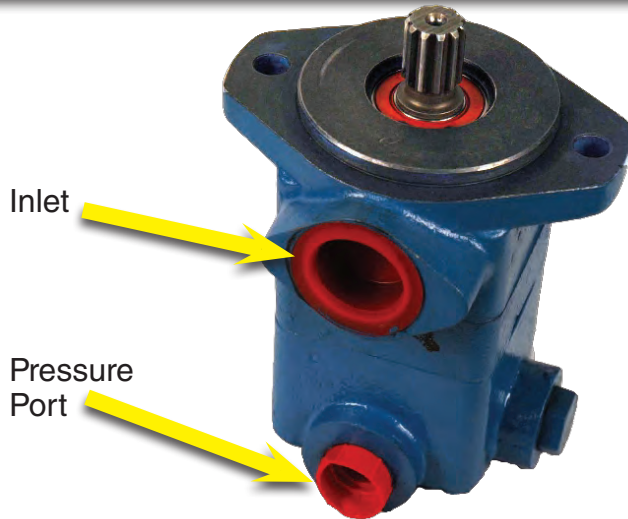


A Pressure Port



B Return Port

VICKERS V10



Bottom View
Identification Number

VICKERS V10 F 1 P 7 P 38 C 6 G 20 *

Vane Pump Series 10

Cover

F Flow Control & Relief P Priority Valve & Relief
NF Flow Control Cover Omitted Standard Cover

Mounting

1 2 Bolt Flange (SAE "A" Size)
2 Foot Bracket at 12:00 (viewed from shaft end)
23 Foot Bracket at 3:00
26 Foot Bracket at 6:00
29 Foot Bracket at 9:00

Inlet Port Connections

F 1.156 Dis. Port P 1" NPT thd
H 1 in. O.D. Tube Connection S 1.3123" - 12 Straight thd
K 1.3125" - 12 UN 2B thd. T 1.1875" 12 Straight thd

SAE Rated Capacity (1200 RPM - 100 PSI)

1 1 USGPM 3 3 USGPM 5 5 USGPM 7 7 USGPM
2 2 USGPM 4 4 USGPM 6 6 USGPM

	Standard Cover	Flow Control Cover (F)		Outlet Port Connections
		Pressure	Tank	Flow Control Cover (NF) Pressure
K				
P	1/2" NPT Thd.	3/4"-16 St. Thd.	1/2" NPT Thd.	3/4"-16 St. Thd.
R	1 1/16"-12 St. Thd.			
S	3/4"-16 St. Thd.			
T		3/4"-16 St. Thd.	3/4"-16 St. Thd.	3/4"-16 St. Thd.
Y	7/8"-14 St. Thd.			

Shafts

1 Straight Keyed 6 Str. Stub-keyed 27 Tang
3 Threaded with woodruff key 11 Splined 9 teeth 34 Threaded
4 Threaded 12 Splined 13 teeth 38 Splined 11 Teeth

Pressure Port Positions (Viewed from cover end of pump)

A Opposite Inlet Port C In line with inlet
B 90° Counterclockwise from inlet D 90° Clockwise from inlet

Flow Rate thru Orifice in Cover

1 1 USgpm (V10P) 3 3 USgpm (V10F Only) 5 (V10F Only) 7 7 (V10F Only)
2 2 USgpm (V10F) 4 4 USgpm 6 6 USgpm 8 8 (V10F Only)

Pressure Setting

A 250 PSI C 750 PSI E 1250 PSI G 1750 PSI J 2250 PSI
B 500 PSI D 1000 PSI F 1500 PSI H 2000 PSI K 2500 PSI

Design & Modification

L Left Hand Rotation when viewed from the shaft end

VICKERS V20

Pressure Port

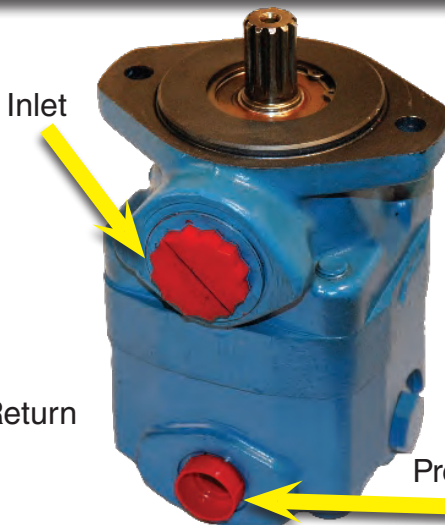


Bottom View

Stamped Identification Number

Inlet

Return



Pressure Port



Bottom View

Tag Identification Number

VICKERS V20 F 1 P 7 P 38 C 6 G 20 *

Vane Pump Series 20

Cover

F Flow Control NF Flow Control Cover
Omitted Standard Cover P Priority Valve Cover

Mounting

1 2 Bolt Flange, SAE A
2 Foot Bracket at 12:00 (viewed from shaft end)
3 PTO 23 Foot Bracket at 3:00
4 Face Type 26 Foot Bracket at 6:00
6 2 Bolt Flange, SAE B 29 Foot Bracket at 9:00

Inlet Port Connections

D 1.312-12 UN-2B Thread P 1 1/4" NPTF
E 1.5" Dia. 2 Bolt Flange R 1" NPTF
F 1.156" Dia. 2 Bolt Flange S 1.625-12 UN-2B Thread

Ring Capacity (1200 RPM, 100 PSI)

5 5 USGPM 7 7 USGPM 9 9 USGPM 11 11 USGPM 13 13 USGPM
6 6 USGPM 8 8 USGPM 10 10 USGPM 12 12 USGPM

	Standard Cover	Flow Control Cover (F)		Outlet Port Connections
		Pressure	Tank	Flow Control Cover (NF) Pressure
K				
P	1/2" NPT Thd.	3/4"-16 St. Thd.	1/2" NPT Thd.	3/4"-16 St. Thd.
R	1 1/16"-12 St. Thd.			
S	3/4"-16 St. Thd.			
T		3/4"-16 St. Thd.	3/4"-16 St. Thd.	3/4"-16 St. Thd.
Y	7/8"-14 St. Thd.			

Shafts

0 Keyed/Threaded 6 Straight Stub, Keyed 27 Tang 62 Splined
1 Straight Keyed 11 Splined 38 Splined 11 Teeth
3 Threaded 15 Splined 54 Splined 20 Teeth

Pressure Port Positions (Viewed from cover end of pump)

A Opposite Inlet Port C In line with inlet
B 90° Counterclockwise from inlet D 90° Clockwise from inlet

Flow Rate thru Orifice in Cover

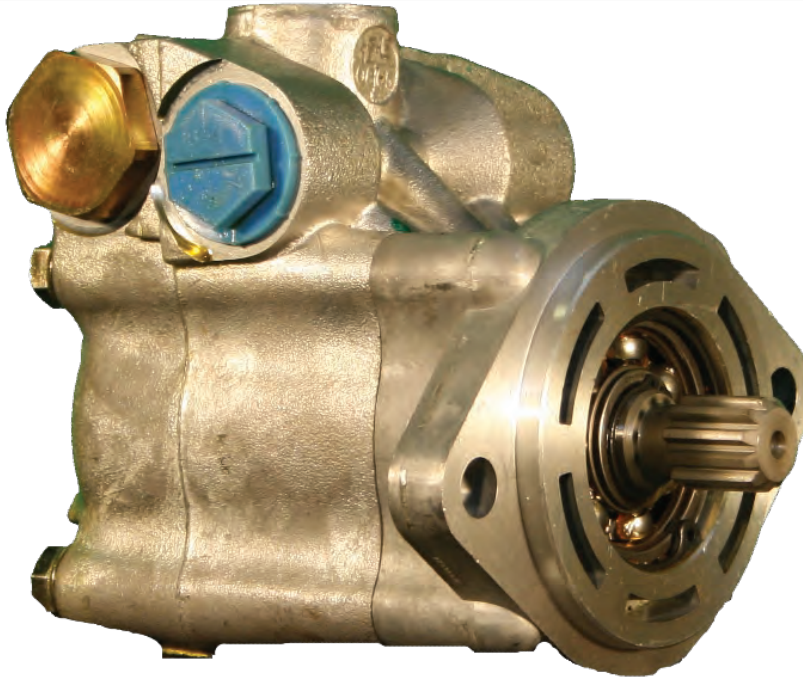
2 2 USgpm 3 3 USgpm 5 5 USgpm 7 7 USgpm 9 9 USgpm 11 11 USgpm
2.5 2.5 USgpm 4 4 USgpm 6 6 USgpm 8 8 USgpm 10 10 USgpm 12 12 USgpm

Pressure Setting

A 250 PSI C 750 PSI E 1250 PSI G 1750 PSI J 2250 PSI
B 500 PSI D 1000 PSI F 1500 PSI H 2000 PSI K 2500 PSI

Design 11 V20, V20F, & V20P 12 V20P 22 V20F

L Left Hand Rotation when viewed from the shaft end



TRW PART NUMBER PS 18 12 10 L 1 01 00

Family Designation

Displacement per Revolution (cc)

18	28
22	32
25	36

Flow Control

12	3.17 GPM	20	5.28 GPM
14	3.70 GPM	24	6.34 GPM
16	4.23 GPM	28	7.40 GPM

Relief Setting

10	1450 PSI	15	2175 PSI
12	1740 PSI	16	2320 PSI
14	2030 PSI	17	2465 PSI

Direction of Rotation

R	Clockwise Rotation	L	Counterclockwise Rotation
---	--------------------	---	---------------------------

Shaft Type

1	11 tooth 16/32 spline
2	.625 diameter woodruff key
3	7/8" B-Flange Tapered Shaft

Housing & Cover

Standard Cover

	Outlet	Inlet	Housing Orientation
01	Right	Right	0°
02	Right	Top	0°
03	Right	Left	0°
04	Left	Right	0°
05	Left	Top	0°
06	Left	Left	0°
07	Right	Right	90°
08	Right	Top	90°
09	Right	Left	90°
10	Left	Right	90°
11	Left	Top	90°
12	Left	Left	90°

18" Offset Cover

	Outlet	Inlet	Housing Orientation
13	Right	Left	0°
14	Left	Right	0°
15	Left	Top	0°
16	Right	Top	0°

B-Flange Cover

	Outlet	Inlet	Housing Orientation
26	Left	Left	0°

Customer Version 00 Standard



TRW PART NUMBER EV 18 12 15 R 1 01 00

Family Designation

Displacement per Revolution (cc)

18
22
25
28

Flow Control

12 3.17 GPM
14 3.70 GPM
16 4.23 GPM

Relief Setting

09 1305 PSI 17 2465 PSI
15 2175 PSI 18 2683 PSI
16 2320 PSI

Direction of Rotation

R Clockwise Rotation L Counterclockwise Rotation

Shaft Type

1 11 tooth 16/32 spline

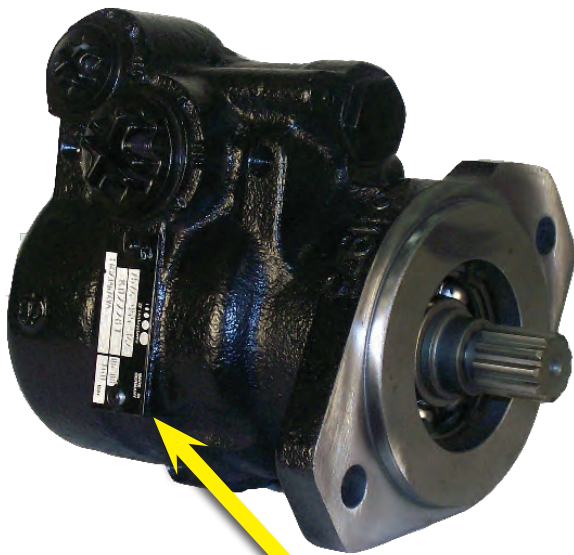
Housing

01 SAE A Flange – JIC ports
02 SAE A Flange – Metric Ports

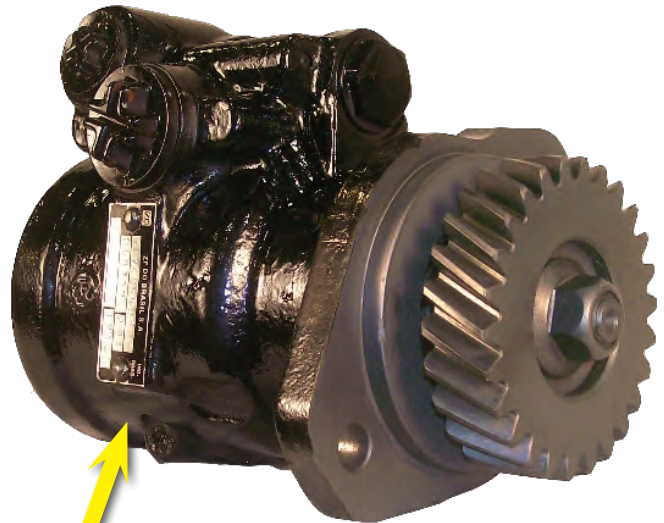
Customer Version

00 Standard

ZF 767



Spline Style



Gear Style



Identification Number

MODEL	OEM	PART NUMBER	APPLICATION	OE PART NUMBER	OE SERVICE NUMBER
767	ZF	7672955278	DAIMLER	MBT A0014661101	
767	ZF	7673671124	FORD		F4HZ-3A674-B
767	ZF	7673900103	FORD	E8HT-3K514-AA	E8HZ-3A674-E
767	ZF	7673900113	FORD		
767	ZF	7673900114	FORD	F4HT-3K514-EA	E8HZ-3A674-P
767	ZF	7673955141			
767	ZF	7673955176	MACK		
767	ZF	7673955221			
767	ZF	7673955253			
767	ZF	7673955271	VOLVO/WHITE		
767	ZF	7673955272	VOLVO/WHITE		
767	ZF	7673955273	VOLVO/WHITE		
767	ZF	7673955320	PETERBILT		
767	ZF	7673955321	PACCAR		
767	ZF	7673955330	FORD	E9TD-3A674-BB	E9TZ-3A674-B
767	ZF	7673955386			
767	ZF	7673955958	PETERBILT		

(Continued on next page)

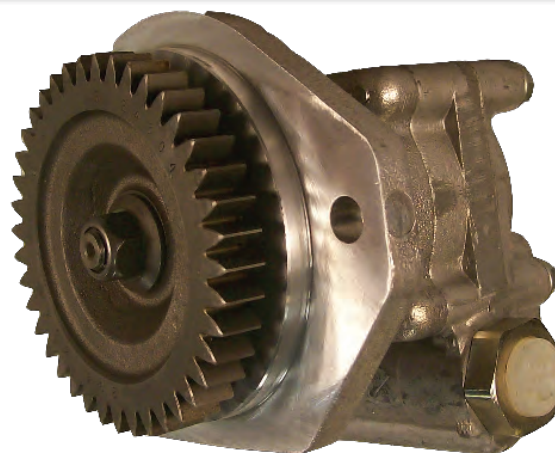
ZF 767

MODEL	OEM	PART NUMBER	APPLICATION	OE PART NUMBER	OE SERVICE NUMBER
767	ZF	7673955959	PACCAR		
767	ZF	7673955979			
767	ZF	7674671143	GAS ENG.	E8HZ-3A674-S	E8HZ-3A674-S
767	ZF	7674900101	FORD	E8HT-3A674-BA	F6HZ-3A711-VA
767	ZF	7674900111	FORD	F4HT-3K514-BA	
767	ZF	7674900112	FORD	F4HT-3K514-FA	E8HZ-3A674-R
767	ZF	7674955164	MACK		
767	ZF	7674955250			
767	ZF	7674955275	PETERBILT		
767	ZF	7674955290	FORD	E9HT-3A674-CA	F0HZ-3A674-A F0HZ-3A674-D
767	ZF	7674955328		F3HT-3A674-EA	
767	ZF	7674955342		F4HT-3A674-CA	F4HZ-3A674-D
767	ZF	7674955343	FORD	F6HT-3A674-ZA	F4HZ-3A674-D F4HT-3A674-GA
767	ZF	7674955913	PETERBILT	TE 31451598	
767	ZF	7674955920	PETERBILT		
767	ZF	7674955928		MBT A6804660601	
767	ZF	7674955929			
767	ZF	7674955939	MCI		
767	ZF	7674974105		F3HT-3A674-AB	F3HZ-3A674-A F1HZ-3A674-J
767	ZF	7674974106		F4HT-3A674-AA	F2HZ-3A674-B
767	ZF	7674974107		F3HT-3A674-FA	
767	ZF	7674974109		F4HT-3A674-LA	F4HZ-3A674-F
767	ZF	7674974110		F4HT-3A674-KA	F4HZ-3A674-F
767	ZF	7674974909		E8HT-3A674-AA	E8HZ-3A674-M
767	ZF	7674974910		F1HT-3A674-FA	F3HZ-3A674-M E8HZ-3A674-A F1HT-3A674-FA1
767	ZF	7674974922		F1HT-3A674-FA	F3HZ-3A674-B
767	ZF	7674974923		F3HZ-3A674-F	F3HT-3A674-DA F1HZ-3A674-M
767	ZF	7674974924		E8HZ-3A674-M	E8HZ-3A674-M F4HZ-3A674-F
767	ZF	7674975920	PETERBILT		
767	ZF	7677955179	STERLING	F1HT-3A674-CA	F1HZ-3A674-F
767	ZF	7677955180	STERLING	F1HT-3A674-AA	F1HZ-3A674-D
767	ZF	7677955181	STERLING	F1HT-3A674-EA	F1HZ-3A674-H
767	ZF	7677955187	STERLING	F1HT-3A674-JA	F1HZ-3A674-L
767	ZF	7677974103		F1HT-3A674-BA	F1HT-3A674-BA
767	ZF	7677974104		F1HT-3A674-GA	F1HZ-3A674-K
767	ZF	7677974105		F1HT-3A674-DA	F1HT-3A674-DA
767	ZF	7677974106		F3HT-3A674-GA	F2HZ-3A674-B
767	ZF	7677974107		F6HT-3A674-TA	F6HZ-3A674-TA
767	ZF	7673955305/383	FORD		
767	ZF	7674955272/344	FORD		
767	ZF	7674955273/345	FORD		

ZF 768



Spline Style



Gear Style



Pulley Style



Tang Style



Identification Tag
Bottom View

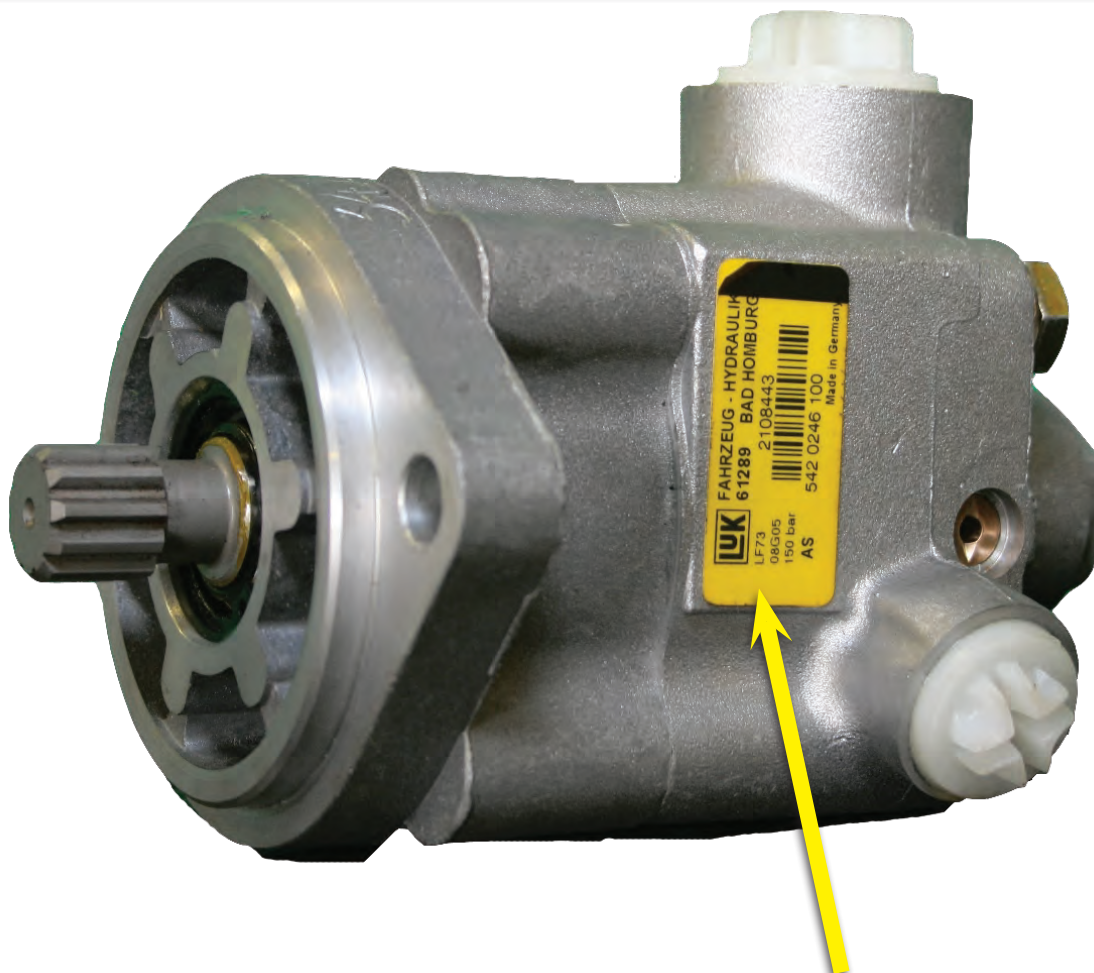
OEM	MODEL	PART NUMBER	RELIEF PRESSURE	APPLICATION	OE PART NUMBER	OE SERVICE NUMBER
ZF	7683955	7683955710	1800	WORK HORSE		
ZF	7684955	7684955174			14-14418-000	
ZF	7684955	7684955181	2700	FREIGHTLINER	14-14599-000	
ZF	7684955	7684955181				
ZF	7684955	7684955708	2600	FORD RV (6.8L)	2C34-3A674-BA	2C3Z-3A674-BA
ZF	7684955	7684955709	1800	FORD RV (6.8L)	2C34-3A674-AA	2C3Z-3A674-AA
ZF	7684955	7684955728				
ZF	7684955	7684955739	2800	GMC		
ZF	7684955	7684955741	1900	GMT		15002493
ZF	7684955	7684955742	1800	FORD VAN (6.8L)		

(Continued on next page)

ZF 768

OEM	MODEL	PART NUMBER	RELIEF PRESSURE	APPLICATION	OE PART NUMBER	OE SERVICE NUMBER
ZF	768	7684988120	2400			
ZF	7685955	7685955181				
ZF	7685955	7685955223	2200		14-14407-000	
ZF	7685955	7685955225	2200		14-14407-002	
ZF	7685955	7685955226	2300		14-14407-003	
ZF	7685955	7685955236	2700		14-14599-001	
ZF	7685955	7685955268	2800	FREIGHTLINER		
ZF	7685955	7685955269			14-14599-003	
ZF	7685955	7685955285		NOVA BUS		
ZF	7685955	7685955509				
ZF	7685955	7685955603	2800		14-14777-000	
ZF	7685955	7685955607	2800			
ZF	7683955	7685955623	1800	WORK HORSE		
ZF	768	7685955702	2400			
ZF	768	7685955703	2400			
ZF	7685955	7685955704	2300	FDC1460	F7HT-3A674-FA	F7HZ 3A674 FA
ZF	7685955	7685955708	2300	C-60	XC45-3A674-AA	F8HZ-3A674-AA
ZF	7685955	7685955710	2300		F8HT-3A674-BA	F8HZ-3A674-BA
ZF	7685955	7685955714	2300		XC45-3A674-CA	XC4Z 3A674 CA
ZF	7685955	7685955715	2300		F81A-3A674-AA	F81Z-3A674-AB
ZF	768	7685955744	2300	CAT		
ZF	7685955	7685955744	2300			
ZF	768	7685955747	2400			
ZF	7685955	7685955763	2300			
ZF	7685955	7685955783	2900			
ZF	7685955	7685955806	2700	GMC		15002494
ZF	7685955	7685955817	2500	3126 CAT		
ZF	768	7685988502	2400			
ZF	7686955	7686955163	2200			14-14407-004
ZF	7686955	7686955173	2700			14-14599-004
ZF	768	7686974702	2750			15002478
ZF	7686955	7686974702	2750			
ZF	7686974	7686974702	2750			
ZF	7687955	7687955701	2200		F7HS-3A674-CA	F7HS 3A674 CA
ZF	7687955	7687955702	1900			F8HZ-3A674-AB
ZF	7687955	7687955707	2300	3126 CAT		XC45-3A674-NA
ZF	7687955	7687955708	2300			XC45-3A674-LA
ZF	7687955	7687955709	2300	CAT C10/C12		XC45-3A674-MA
ZF	7687955	7687955710	2300	3306 CAT		XC45-3A674-RA
ZF	7688955	7688955501	2350			
ZF	7688955	7688955506	2175	STERLING		
ZF	7688955	7688955509	2350			14-14791-000
ZF	7688955	7688955510	2175	FREIGHTLINER		14-14705-001
ZF	7688955	7688955512				
ZF	7685955	7685955288/301	2300			
ZF	7685955	7685955759/808	2175	GMC		
ZF	7685955	7685955794/807	2175			

LUK LF73



Identification Number



Identification Tag

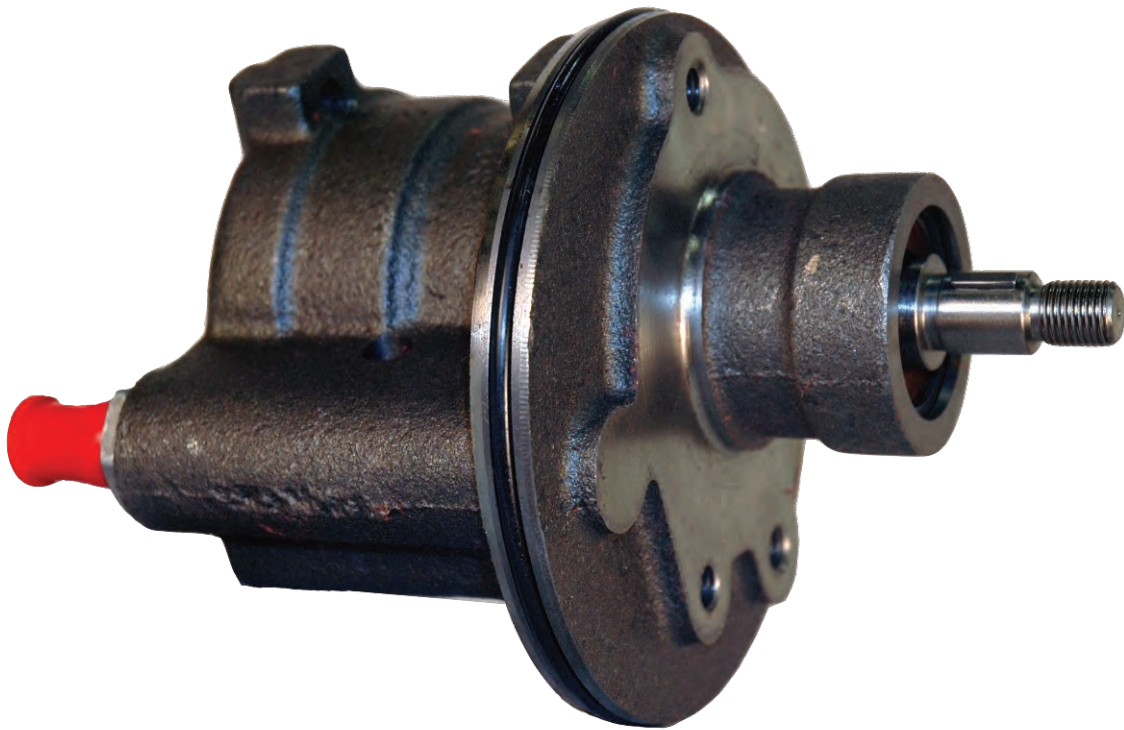
MODEL	OEM	PART NUMBER	APPLICATION
LF73	LUK	515790	VOLVO
LF73	LUK	2105341	
LF73	LUK	2106260	
LF73	LUK	2106400	
LF73	LUK	2106552	
LF73	LUK	2106751	
LF73	LUK	2106754	
LF73	LUK	2106961	
LF73	LUK	2107545	
LF73	LUK	2107547	
LF73	LUK	2107554	
LF73	LUK	2107558	
LF73	LUK	2107670	

(Continued on next page)

LUK LF73

MODEL	OEM	PART NUMBER	APPLICATION
LF73	LUK	2107671	
LF73	LUK	2108215	
LF73	LUK	2108321	99 VOLVO
LF73	LUK	2108443	
LF73	LUK	2108653	
LF73	LUK	2108655	
LF73	LUK	2112224	
LF73	LUK	2105424/2106724	
LF73	LUK	2106722/2106750	
LF73	LUK	2106727/2106191	
LF73	LUK	2106752/2108763	
LF73	LUK	2106835/2108762	
LF73	LUK	2107323/2107560	
LF73	LUK	2107546/2107666	
LF73	LUK	2107550/515892	
LF73	LUK	2107669/2105508	
LF73	LUK	2108322/2107467	VOLVO
LF73	LUK	515893/2107552	
LF73	LUK	LH2110493	
LF73	LUK	LH8118130	
LF73C	LUK	2106771	
LF73C	LUK	2106818	THOMAS BUS
LF73C	LUK	2106820	
LF73C	LUK	2107262	
LF73C	LUK	2107361	
LF73C	LUK	2107507	MACK
LF73C	LUK	2107561	3406E CAT
LF73C	LUK	2107611	
LF73C	LUK	2108206	
LF73C	LUK	2108657	
LF73C	LUK	2108759	FRTLNR 3126 CAT
LF73C	LUK	2110561	
LF73C	LUK	2110668	C15 CAT
LF73C	LUK	2106811/2106771	VOLVO
LF73C	LUK	2107204/2107563	
LF73C	LUK	2107878/2107927	
LF73W	LUK	2112515	

SAGINAW 143



143



3/4" Standard Mount

143A



1" Offset Mount

MODEL	OEM	CASTING NUMBER	APPLICATION
143	SAGINAW	7812808	CHEVY/GMC/INTERNATIONAL
143A	SAGINAW	7812808	CHEVY/GMC

CORE RETURN



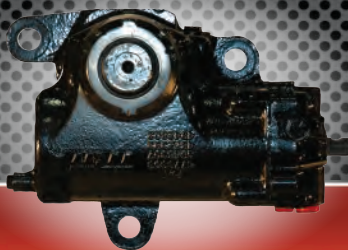
CORES

Our units are sold on an exchange basis. We understand that your unit is failed, and that understanding is the biggest difference between Weller and other programs.

However, we do require:

- Like for like
 - Rebuildable core on the new generation models
-
- A return core packet with return bill of lading comes with the rebuilt unit. Just call and they'll pick it up
 - Weller will pay the freight on the core's return

THE WELLER REMAN NETWORK



WELLER WARRANTY

WARRANTY STATEMENT

- **Nationwide**
- **One Year Coverage**
- **Unlimited Mileage**
- **800-872-6697 Tech Line For Troubleshooting**
- **Call For Authorization And Assistance**

Warranty Coverage

Standard Warranty Coverage

Weller Reman Steering Gears – One year, unlimited mileage – parts and labor.

Authorized Repair Points – Our Nationwide Warranty may be administered only by an authorized warranty repair facility. Call 1-800-872-6697 for authorization.

Exclusions – Subject to the conditions stated herein, Weller warrants to the original retail purchaser thereof that its Reman products will, when used in a motor truck for on-highway or on/off-highway applications in the United States and properly installed and assembled on vehicles approved by the O.E.M. for such purpose, be and remain under normal conditions of use and operation free from failure due to defects in materials and workmanship from the date of sale.

This warranty covers parts and labor to repair or replace, at Weller's option, the failed Weller component. Units installed as replacements under this warranty are warranted only for the remainder of the original warranty period.

This warranty shall not extend to failures or damage due to improper lubrication or operation in excess of original design limitations, failure to follow normal published preventive maintenance guidelines of the O.E.M., abuse or damage by improper installation, casualty or shipment.

This warranty shall not extend to repairs for noise (including idle rattle), excessive operating temperature, transmission rear seal leakage, nor does it cover failures caused by engine, clutch, driveline; including transmission synchronizer pin breakage, or other truck components or system.

This warranty does not cover failures caused by a worn, damaged or defective part or component mounted to the unit by the dealer or retail purchaser, including without limitation, the transmission end yoke.

All warranty claims shall be made to Weller and shall be supported by satisfactory evidence in respect of the conditions stated herein. As a condition precedent to the allowance of such claims, the component or assembly involved shall, if requested by Weller, be returned prepaid to Weller for examination.

EXCEPT FOR THE EXPRESS WARRANTY STATED HEREIN, WELLER DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE FOREGOING IS THE LIMIT OF THE LIABILITY OF WELLER, AND IS THE EXCLUSIVE AND SOLE REMEDY OF THE PARTY TO WHOM THIS WARRANTY IS MADE. LIABILITY ON THE PART OF WELLER FOR DAMAGES, EXPRESSLY INCLUDING CONSEQUENTIAL DAMAGES IS DISCLAIMED.

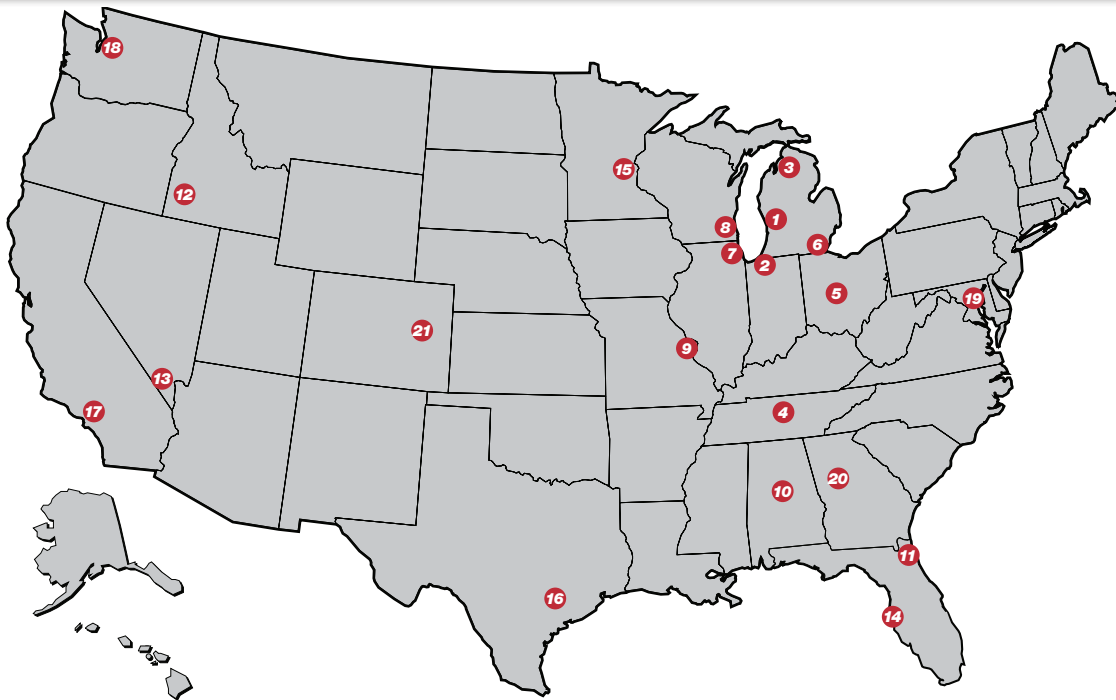
This warranty may not be changed or modified in any way except in writing by Weller.

THE WELLER REMAN NETWORK

WELLERREMAN
1500 Gezon Pkwy
Grand Rapids, MI 49509

Change Service Requested

THE WELLER REMAN NETWORK



Reman Center
1500 Gezon Pkwy S.W.
Grand Rapids, MI 49509
616-724-2000
800-872-6697

1

South Bend, IN
3303 William Richardson
Court, Suite 200
South Bend, IN 46628
574-237-1000
800-968-8860

2

Gaylord, MI
353 Expressway Court
Gaylord, MI 49735
989-731-6700
888-731-6700

3

Nashville, TN
230 Molly Walton Drive
Hendersonville, TN 37075
615-264-2750
866-426-2750

4

Columbus, OH
2885 International St.
Columbus, OH 43228
614-771-9500
866-771-9501

5

Detroit, MI
29826 W. Eight Mile Road
Farmington Hills, MI 48336
248-473-1900
800-473-1905

6

Chicago, IL
11152 Southwest Highway
Palos Hills, IL 60465
708-974-9919
888-974-9319

7

Milwaukee, WI
8625 North 107th
Milwaukee, WI 53224
414-354-6400
877-354-6400

8

St. Louis, MO
2388 Chaffee Drive
Maryland Heights, MO 63146
314-692-2227
877-992-2227

9

Birmingham, AL
116 Total Solutions Way
Alabaster, AL 35007
205-685-0777
866-535-0777

10

Jacksonville, FL
10330 Chedoak Ct., Ste 205
Jacksonville, FL 32218
904-757-0777
888-474-0777

11

Boise, ID
8484 W. Victory Road
Boise, ID 83709
208-331-1061
888-331-1061

12

Las Vegas, NV
2985 Coleman St., Suite 14
North Las Vegas, NV 89032
702-638-8222
866-764-8222

13

Tampa, FL
217 Hobbs Street, Suite 103
Tampa, FL 33619
813-685-6100
866-685-6109

14

Minneapolis, MN
3201 85th Avenue North
Brooklyn Park, MN 55443
763-424-3800
877-424-3802

15

Houston, TX
4549 Aldine Bender
Houston, TX 77032
281-442-8855
877-677-8855

16

Los Angeles, CA
9355 Cherry St.
Fontana, CA 92335
909-356-8322
877-356-8322

17

Seattle, WA
6408 South 196th Street
Kent, WA 98032
253-872-0321
877-572-0321

18

Baltimore, MD
899 Airport Park Rd.,
Suite N
Glen Burnie, MD 21061
410-553-0443
877-550-0443

19

Atlanta, GA
5007 Clark Howell
Highway, Suite A
Atlanta, GA 30349
404-768-9577
877-768-9577

20

Denver, CO
800-872-6697

21

21 LOCATIONS TO SERVE YOU!
www.wellertruck.com