

WHEEL SEALS, BEARINGS AND HUB CAPS CATALOG



ROAD CHOICE



We are committed to keeping trucks on the road and moving forward by providing quality parts to all who repair heavy-duty vehicles.

CONFIDENCE.
COVERAGE.
COMMITMENT.

TABLE OF CONTENTS

WHEEL SEALS

Hand-Installed Wheel Seals 4

Hand-Installed Cross-Reference 6

Premium Wheel Seals & Cross-Reference7

WHEEL BEARINGS

Part Numbers..... 8

HUB CAPS

Part Numbers..... 10



**Parts that keep you moving.
Quality that keeps you coming back.**

WHEEL SEALS



ROAD CHOICE® HAND-INSTALLED WHEEL SEALS

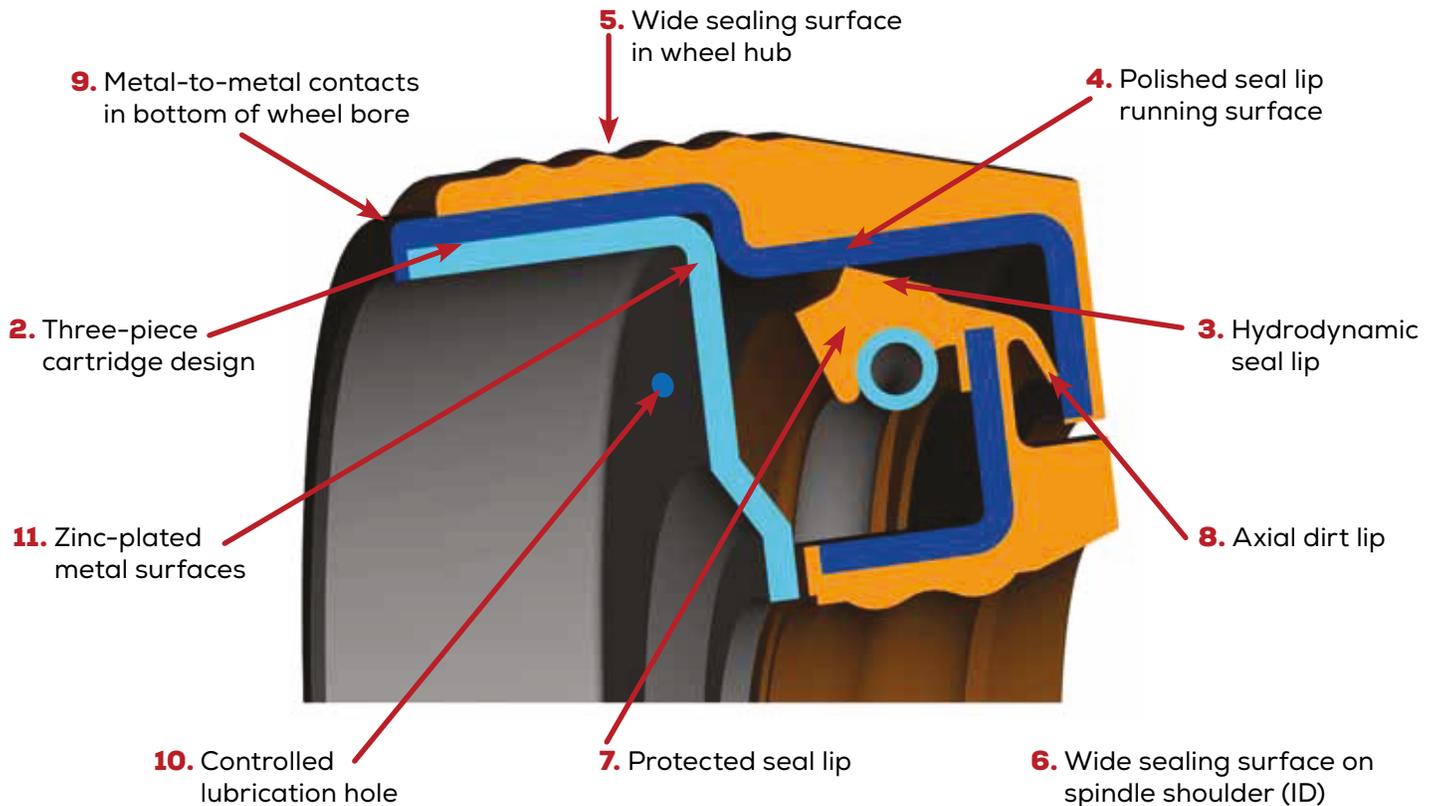
are designed to be simple to install. The three-piece cartridge outer wall provides maximum strength to support installation with any wheel seal manufacturer's installation tool, while the wide rubber outside diameter completely seals inside the wheel hub to help seal hub bore imperfections. The ribbed design allows the seal to be easily installed without tools and grips the hub bore so the seal cannot back out once it's seated.

FEATURES

- Manufactured in a state-of-the-art ISO 9000/TS16949 certified facility
- Strict quality-control procedures are followed at every step of manufacturing
- Extensive testing is performed to ensure performance that you can be confident in.
- Design prevents contaminants from penetrating the seal
- Lasts up to three times longer than competitor seals
- Superior design makes installation simple

WHEEL SEALS

KEY FEATURES



- 1.** The wheel seals are designed to be easily hand-installed or installed using any brand of wheel seal installation tools, which reduces installation time and cost.
- 2.** The seal's outer wall is constructed with a robust three-piece cartridge design to provide maximum strength.
- 3.** The primary sealing lip is a hydrodynamic lip that pumps the oil back to the bearings, helping with bearing lubrication. The centrifugal lip configuration provides constant lip load at varying wheel speeds.
- 4.** The primary sealing lip makes contact with a polished running surface to ensure consistent seal contact, reduce friction and heat, and extend the seal's life.
- 5.** The wheel seal has a wide sealing surface contact in the wheel hub, helping seal imperfections in the wheel hub.
- 6.** The wheel seal also has a wide sealing surface on the spindle shoulder, which helps seal spindle imperfections and provides maximum sealing.
- 7.** The primary sealing lip is completely enclosed to prevent contamination and installation damage.
- 8.** The axial dirt lip has a fixed wiper lip interference that excludes dirt and prevents pre-installation contamination.
- 9.** The steel outer wall makes metal-to-metal contacts in the bottom of the wheel hub to ensure proper seating and dissipate heat through the wheel hub.
- 10.** Controlled lubrication holes maintain proper lubrication to the seal's lips and direct the oil back to the bearings.
- 11.** All exposed metal surfaces are zinc plated to prevent corrosion.

WHEEL SEALS CROSS-REFERENCE

ROAD CHOICE	CR SCOTSEAL SCOTSEAL PLUS	NATIONAL STD DESIGN FIVE STAR	STEMCO GARDIAN GRIT GARD	TRISEAL STD SERVICE UNITIZED	DANA OUTRUNNER
SEA35066	35066	370001A	308-0836; 382-8036	69699; 65263U	847
SEA370001	35066	370001A	308-0836; 382-8036	69699; 65263U	847
SEA370003	47691	370003A	309-0973; 392-9131	69799; 65156U	861
SEA370022	45099	370022A	309-0903; 392-9094	69796; 65270U	856
SEA370023	38780	370023A	309-0912; 395-9099	69794; 65152U	849
SEA370025	46305	370025A	307-0743; 372-7097	69598; 65060U	859
SEA370031	42672	370031A	309-0904; 392-9112	69788; 65071U	852
SEA370036	40136	370036A	307-0713; 372-7098	69561; 65261u	850
SEA370047	34384	370047A	300935; 399035	69785; 65111u	
SEA370048	43764	370048A	308-0864; 382-8064	69697; 65092u	863
SEA370065	42623	370065A	307-0723; 372-7099	69596; 65262U	851
SEA370150	28759	370150A	308-0866; 382-8066		
SEA42623	42623	370065A	307-0723; 372-7099	69596; 65262U	851
SEA46305	46305	370025A	307-0743; 372-7097	69598; 65060U	859
SEA47697	47697	370003A	309-0973; 392-9131	69799; 65156U	861

PREMIUM WHEEL SEALS



ROAD CHOICE® PREMIUM WHEEL SEALS

are designed for easy hand installation or can be installed using any tool.

A solid rubber front face covering a thick steel inner shell prevents damage during installation and transfers the force to the seal outside diameter where it contacts the hub.

HNBR rubber compound provides longer life and protection from higher temperatures (up to 310°F) than standard NBR rubber.

CROSS-REFERENCE

ROAD CHOICE	CONMET	NATIONAL	SKF SCOTSEAL PLUS
SEA0223	10045889	380065A	42627
SEA0243	10045888	380025A	46300
SEA0212		380023A	38776
SEA0236	10045885	380001A	35058
SEA0264	10045883	380048A	34384
SEA0204		380031A	42673
SEA0213		380036A	40129
SEA0273	10045887	380003A	47691
SEA0203		380022A	45093

HEAVY-DUTY WHEEL BEARINGS

ROAD CHOICE® HEAVY-DUTY WHEEL BEARINGS are each manufactured in our factories that have ISO/TS 16949:2002 certified quality management systems.

Starting with bearing quality steel, our manufacturing facilities forge & roll the steel into rings. The rings are then turned to the shape and size of the raceways of the bearing cone and cup. After the turning process, the rings are heat treated and quenched in a continuous atmosphere controlled furnace and then annealed to a hardness of 59 to 64 HRC.

After heat treatment, the rings are machined to meet ABMA and other industry standard specifications. All raceways and rollers are super finished to insure smooth and quiet operation while in service. All bearing components are then cleaned and protected with a rust inhibitor after final assembly.

While the bearings are being manufactured the components are sample inspected after each manufacturing process to insure they meet all dimensional and visual specifications. The bearings then go through a 100% final inspection before they are packaged to leave the factory assuring the highest level of quality.



PART NUMBERS

SET NUMBER	CONE NUMBER	CUP NUMBER
BRGSET401	BRG580	BRG572
BRGSET402	BRG582	BRG572
BRGSET403	BRG594A	BRG592A
BRGSET404	BRG598A	BRG592A
BRGSET405	BRG663	BRG653
BRGSET406	BRG3782	BRG3720
BRGSET408	BRG39590	BRG39520
BRGSET409	BRG45280	BRG45220
BRGSET411		

HEAVY-DUTY WHEEL BEARINGS

PART NUMBERS CONTINUED

SET NUMBER	CONE NUMBER	CUP NUMBER
BRGSET412	BRGHM212047	BRGHM212011
BRGSET413	BRGHM212049	BRGHM212011
BRGSET414	BRGHM218248	BRGHM218210
BRGSET415	BRGHM518445	BRGHM518410
BRGSET421	BRGHM516449A	BRGHM516410
BRGSET422		BRGHM516410
BRGSET423	BRG6461A	BRG6420
BRGSET424	BRG555S	BRG552A
BRGSET425	BRG567	BRG563
BRGSET426	BRG47679	BRG47620

HUB CAPS

ROAD CHOICE® HUB CAPS are manufactured at an ISO9001 certified factory to our exact specifications and tolerances. Each hub caps goes through vigorous testing during the manufacturing process to ensure it will withstand the harsh operating conditions that are encountered in any trucking environment.

The Road Choice hub cap product line includes coverage for popular hub caps that are used on trucks and trailers, and provides hub caps that are available with and without the side fill plug.

Available part numbers and applications are listed below.



WITHOUT FILL PLUG	WITH FILL PLUG	SERIES	APPLICATION
HC4009	HCP4009	4009	Trailer - HM218248/10 & HM212049/11 Bearings 6 Bolt 5-1/2" Circle
HC4075*		4075	Trailer - HM518445/10 Bearings Threaded Cap
HC4975**		4075	Trailer - HM518445/10 Bearings Threaded Cap
HC4195	HCP4195	4195	Trailer - HM518445/10 Bearings Non-Threaded Cap 6 Bolt 6-3/4" Circle
HC4024	HCP4024	4024	Steer - HM212049/11 & 3782/20 Bearings
HC4249	HCP4249	4249	Steer - HM212049/11 & 3782/20 Bearings KW Hub

* Aluminium

** Plastic



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