

MERITOR® WHEEL END BEARINGS AND SEAL KITS



MERITOR®



PREMIUM QUALITY BEARINGS FROM MERITOR, A NAME YOU KNOW AND TRUST.

Introducing Meritor premium bearings for optimum performance from a proven, steadfast source. You know Meritor for its longevity in the commercial vehicle market. Over 100 years of leadership in innovation, design and manufacturing means the best-quality products to meet your aftermarket replacement needs.

Now you can depend on Meritor for all-makes premium tapered roller bearings for a cost-effective bearing solution. Designed for differentials, transmissions and wheel ends – including steer, drive and trailer axle applications – our comprehensive portfolio covers a wide range of bearing requirements.



Superior-Quality Tapered Roller Bearings To Keep You Rolling.

With Meritor premium bearings, you can count on exceptional quality. All bearings start out with a high grade steel and are designed and manufactured with one objective: to ensure maximum performance. In-process manufacturing controls focus on micro-crack and inner/ outer ring micro-burn detection to maintain an outstanding product throughout. Certified ISO9001-based Quality Management System assessments provide additional validation in the design and manufacturing process, while assembly is performed in a controlled atmosphere to safeguard against contaminants.

Meritor bearings are backed by a series of validations including integrity testing, as well as Meritor engineering and third-party testing – all to ensure the long life and high reliability you expect from a premium bearing.

Combined, these extensive quality measures result in a premium bearing that delivers outstanding performance while supporting vehicle longevity.

Meritor premium bearings come standard with:

- Manufacturing using the same processes as Meritor production bearings
- Only high grade raw materials
- Less impurities for greater performance
- Through-hardening process for elevated tensile strength
- Precise internal geometry
- Tighter accuracy and performance
- Traceability
- Ability to trace a part from raw materials through production ensures product integrity



BEARING SETS

MERITOR PART NUMBER	INDUSTRY PART NUMBER	DESCRIPTION
MERSET401	SET401	R DRIVE AXLE (OUTER)
MERSET402	SET402	R DRIVE AXLE (OUTER) MACK
MERSET403	SET403	R DRIVE AXLE (INNER)
---	SET404	R DRIVE AXLE (INNER) MACK
MERSET405	SET405	TRAILER AXLE (INNER) REAR DRIVE AXLE/TRAILER AXLE (OUTER)
MERSET406	SET406	FF STEER AXLE (OUTER)
MERSET407	SET407	REAR AXLE (INNER) FRONT STEER AXLE (OUTER)
MERSET408	SET408	L DRIVE AXLE (OUTER)
MERSET409	SET409	FRONT STEER AXLE (OUTER) MACK
---	SET410	FRONT STEER AXLE (INNER)
MERSET413	SET413	FF STEER AXLE (INNER) & N TRAILER AXLE (OUTER)
MERSET414	SET414	N TRAILER AXLE (INNER)
MERSET415	SET415	P TRAILER AXLE (INNER & OUTER)
---	SET416	TRAILER AXLE

MERITOR PART NUMBER	INDUSTRY PART NUMBER	DESCRIPTION
---	SET417	TRAILER AXLE
---	SET418	FRONT STEER AXLE (INNER)
---	SET419	FRONT STEER AXLE (INNER)
MERSET420	SET420	FRONT STEER AXLE (INNER)
MERSET421	SET421	REAR AXLE (INNER) MACK
---	SET422	REAR AXLE (INNER) MACK
MERSET423	SET423	FL STEER AXLE (INNER)
MERSET424	SET424	FL STEER AXLE (OUTER)
MERSET425	SET425	FRONT STEER AXLE/TRAILER AXLE (INNER) REAR AXLE(OUTER) MACK
---	SET426	REAR AXLE (OUTER) MACK
MERSET503	---	LIGHTWEIGHT H&R KH9000 20" NR900015" & ECO
MERSET504	---	"NEW GEN NH9000 H91000 H&R KH 10000 20" & ECO"

BEARING KITS

MERITOR PART NUMBER	APPLICATION	BEARING CONE	BEARING CUP
MERSET401	MERITOR / EATON	MER580	MER572
MERSET402	MERITOR / DANA / MACK	MER582	MER572
MERSET403	MERITOR / EATON	MER594A	MER592A
MERSET405	AUSTRALIAN TANNER 15" DANA / SPICER / HENDRICKSON D21 & K21 15" & 20" FREIGHTER A19H 15" HAULMARK / DANA D21 & K21 15" & 20" ROCKWELL / MERITOR TK, TKD 20" RUBERY OWEN EARLY T SERIES SPIDER 20" / T SERIES STUD 20" STANDARD FORGE EARLY TYPE 15" AND 20"	MER663	MER653
MERSET406	MERITOR / DANA / SPICER / EATON	MER3782	MER3720
MERSET407	DANA	MER28682	MER28622
MERSET408	MERITOR / DANA	MER39590	MER39520
MERSET409	MERITOR	MER45280	MER45220

BEARING KITS

MERITOR PART NUMBER	APPLICATION	BEARING CONE	BEARING CUP
MERSET413	AUSTRALIAN TANNER ATN20" / ATN 15" COLRAIN TQ20" DANA / SPICER / HENDRICKSON EARLY TYPE 15" & 20" DANA / SPICER / HENDRICKSON D21 & K21 15" & 20" DANA / SPICER / HENDRICKSON D22 TAPER SPINDLE & K22 15" & 20" FREIGHTER EATON E34 15" FREIGHTER A19H 15" FREIGHTER EATON JE07-L & JE501-L 20" FREIGHTER - INGERSOLL A22H, F22H 15" & 20" HAULMARK - ROCKWELL MERITOR TL RUBERY OWEN HAULMARK - DANA D21 & K21 15" & 20" HAULMARK - DANA D22 ROCKWELL MERITOR TN 20" HOLLAND TAPER SPINDLE 20" KIC SUDISA TN20" KRUEGER - DANA D22 ROCKWELL / MERITOR TK, TKD 20" ROCKWELL / MERITOR ARN, ATN, RN, TN, TQ 15" & 20" ROCKWELL / MERITOR ATL, TKL, TL, TLD, RL 15" & 20" ROR TN 15" & 20" RUBERY OWEN EARLY T SERIES SPIDER 20" RUBERY OWEN LATE U SERIES SPIDER 15" & 20" STANDARD FORGE EARLY TYPE 15" & 20" TRAIL QUIP ATN 15" & 20" YORK 782, 784, 20" & 783 15" DANA / SPICER I-100, I-120, I-140 & W15 / DANA / SPICER I-150S EATON EFA-12F3, 12F4, 13F4 MERITOR FG941	MERHM212049	MERHM212011
MERSET414	AUSTRALIAN TANNER ATN20" COLRAIN TQ20" DANA / SPICER / HENDRICKSON D22 TAPER SPINDLE & K22 15" & 20" FREIGHTER EATON JE07-L & JE501-L 20" FREIGHTER - INGERSOLL A22H, F22H 15" & 20" HAULMARK - DANA D22 HOLLAND TAPER SPINDLE 20" KIC SUDISA TN20" KRUEGER - DANA D22 MOSS METRIC AND LOW LOADER ROCKWELL / MERITOR TN20" ROCKWELL / MERITOR ARN, ATN, RN, TQ 15" & 20" ROR TN 15" & 20" / ROR TM 20" TRAIL QUIP ATN 15" & 20" YORK 782, 784, 20" & 783 15" / YORK 160 20" / YORK 160 LOW LOADER	MERHM218248	MERHM218210
MERSET415	DANA / SPICER / HENDRICKSON P22 PARALLEL SPINDLE 15" & 20" FRUEHAUF PROPAR 15" & 20" HOLLAND PROPAR 20" PARALLEL SPINDLE YORK HEAVY DUTY OUTBACK 20"	MERHM518445	MERHM518410
MERSET420	MERITOR	MERH715345	MERH715311
MERSET421	MACK	MERHM516449A	MERHM516410
MERSET423	MERITOR FL941, MFS73	MER6461A	MER6420
MERSET424	MERITOR FL941, MFS73	MER555S	MER552A
MERSET425	MERITOR / DANA	MER567	MER563
		INNER	OUTER
MERSET503	LIGHTWEIGHT H&R KH9000 20" NR900015" & ECO	MER33116*	MER32310*
MERSET504	NEW GEN NH9000 H91000 H&R KH 10000 20" & ECO	MER33118*	MER33213*

FEATURES AND BENEFITS

- Supports all popular applications
- Part numbers are industry standard numbering for ordering ease
- Competitive offering of the most popular individual bearing and complete bearing sets
- Supported by one-year aftermarket parts warranty



WHEEL END BEARING AND SEAL KITS

MERITOR PART NO.	SEAL	INNER BEARING	OUTER BEARING	CAP GASKET & LOCK TAB	APPLICATION	
MERKIT001	MER0136	MERSET413	MERSET406	E-03009 R002298	Steer Axle	Dana-Eaton-Meritor FG941
MERKIT002	MER0164	MERSET423	MERSET424	E-03009 R002659	Steer Axle	Meritor FL941 - MFS73
MERKIT003	MER0273	MERSET403	MERSET401	2208E1123 1229F4634S	Drive Axle	Dana-Meritor
MERKIT004	MER0143	MERSET414	MERSET413	E-03009 E-2237	Trailer Axle	General Purpose
MERKIT005	MER0123	MERSET415	MERSET415	E-1559 (Split pin) E-05500 (O ring)	Trailer Axle	Fruehauf-Pro Par
MERKIT006	21200321A	MERSET414	MERSET413	Not Supplied	Trailer / ROR Trailer Axle	General Purpose
MERKIT007	MER0136	MERSET413	MERSET409	E-03009 R002298	Steer Axle	Dana-Eaton-Meritor FG941 (Larger Outer Bearing)

ADVANTAGES

- A convenient and easy way to order wheel end bearings and seals for heavy truck and trailer applications.
- Reductions in cost and time by simplifying the stock range, cross referencing and product handling.
- Hydrogenated Nitrile (HNBR) rubber seals to withstand higher temperatures and synthetic lubricants (MER02XX series).
- Meritor branded bearings offering outstanding performance and quality.
- 1 year unlimited km warranty.

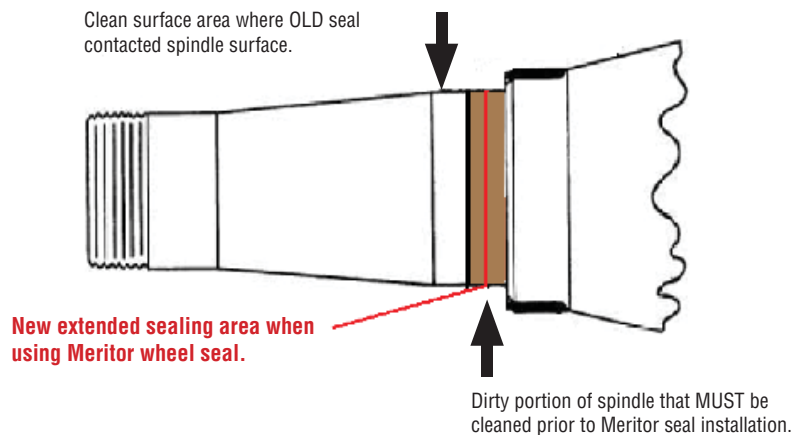


MERITOR® WHEEL SEAL INSTALLATION INSTRUCTIONS

1. Ensure the hub is free of rust, dirt, scratches and sharp edges.
2. Apply lubricant on the seal OD.
3. Wipe off any excess lubricant with a cloth.
4. Install the seal into the Hub using your common/standard practices. It is important that the seal has equally bottomed out in the bore.
5. Ensure the axle spindle is free of rust, dirt, scratches and sharp edges. Follow axle spindle cleaning and preparation instructions see below.
6. Apply lubricant on the seal ID.
7. Wipe off any excess with a cloth.
8. Install the hub with seal onto the axle.



AXLE SPINDLE CLEANING AND PREPARATION



The Meritor sealing surface extends beyond the seal/wear area where its competitive seal contacted the spindle surface; therefore, **it is imperative that the ENTIRE spindle surface be cleaned** — where dirt and grime build up — before installing the new Meritor seal. That gritty surface can and will damage the sealing lips of the new seal.



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