

**RUN
WITH THE BULL**



Aftermarket

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BULLS EYE APRIL 2017

**PRODUCT IN FOCUS -
Meritor Wheel Bearing & Seal Kits**

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 (MERO2XX series).
- Meritor branded bearings offering outstanding performance and quality.
- 1 year unlimited km warranty.



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	MER0243	MERSET414	MERSET413	E-03009 E-2237	Trailer Axle	General Purpose
MERKIT005	MER0223	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



MERITOR



NEW PRODUCTS & SUPERSESSIONS

NEW PRODUCTS

Part Number	Description
A13226T1112S	Cage, Thru Shaft & Sleeve Assy 145 A13226T1112
68326931	Wear Sensor Disc Pad Bus
68966089.Z	Grease Disc Brake
B3200W1739	Carrier & Cap Assy 167E/177E
E-8582-16-BK	1/2" Air Hose Assy, 3/8" Ends -16" Long
S11014M2	Cap Screw replaces S11014P2
R202020	Kit King Pin No-Ream
21208082STL	Air Spring replaces 21208082
MCS227107	Camshaft replaces 21227107

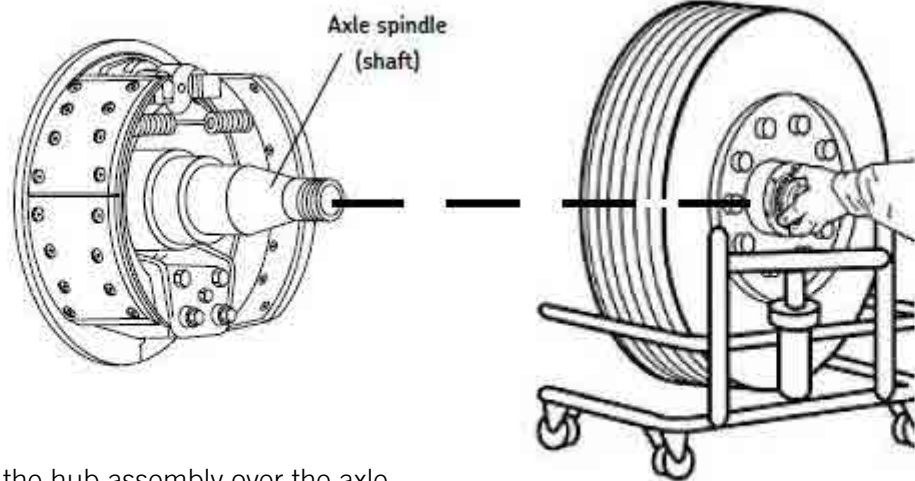
SUPERSESSIONS

Old Part Number	Description	New Part Number
E-11527	Meritor Camshaft Q-Plus Steer	E-11961
16N3288X	Slip Yoke MXL	16N3288XML
17N2749	1710 Flange Yoke Std	17NF20
17N45591	Yoke 2.75" X 10 Spline 1710	17N46841X
17N46401	1710 Yoke Full Round	17NYS32100
18NYS32-12A	Yoke refer A 3260L 116	18N43381X
72NYS3645	End Yoke	72NYS3695
A13280R5452	Yoke	18N42551X
A3280X6758	Yoke 1710 2"X39 SPL	17N46871X
A3260G111	Yoke	16N46281X
A3280F1982	End Yoke	17N44361X
A3280T7118	Yoke And Deflector Assy	18N43571X
17N32651X	Slip Yoke - MXL	17N32651XML
17N32671X	Slip Yoke - MXL	17N32671XML
17N46371	1710 Yoke T2111	17NYS3299
17N46381X	1710 Yoke T2111	17NYS3299A
17NYS32-56A3	1710 Yoke T2111	17NYS3299A3
18N31371X	Slip Yoke MXL	18N31371XML
18NYS38-8A2	Yoke 2.38" X 46 Spline	18N43581X
25RLS481A	Slip Yoke	25RLS481A1S
A23280D6764	Flange Assy Companion	5WCS32103A1
DEFR535	Deflector Yoke RPL 20	DEFR534

All parts displayed in New Products & Supersessions will be available for immediate ordering. Lead times apply for the listed items. Not all parts are available to Independent Customers. Please contact Meritor Customer Service on (03) 8353 6050 for further information. For full list of supersessions, [CLICK HERE](#)



GETTING TECHNICAL - Wheel Bearing Adjustments

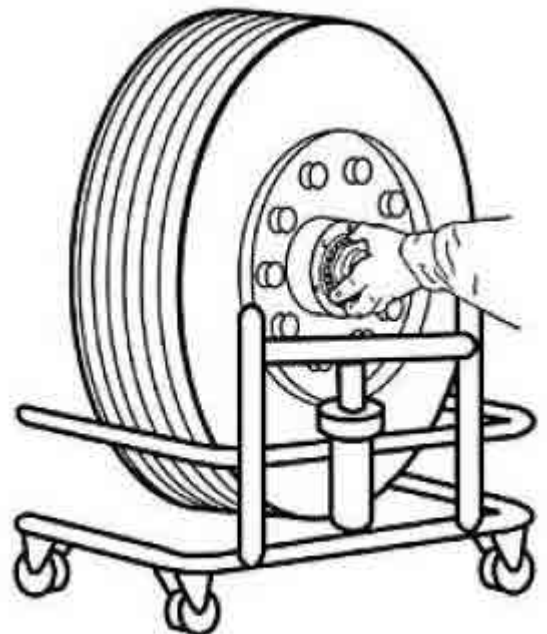


1. When installing the hub assembly over the axle spindle be sure to align the hub bore to the centre of the spindle. Mechanical supports will allow you to do this without scraping or otherwise damaging the spindle, the threads and in particular the seal.

2. Install the outer bearing cone and adjusting nut. Tighten the nut only until it is snug against the bearing cone. **DO NOT USE A PNEUMATIC TOOL** during this part of the procedure. Be sure to maintain support of the hub assembly until the adjusting nut is secure. Failure to do so may cause damage to the seal and subsequent leakage of lubricant.

3. Remove the hub support so that the hub is resting on the bearings. Check for free rotation of the bearings. Never allow hub to rest on seal.

4. Follow wheel bearing adjustment as instructed on following page.





GETTING TECHNICAL - Wheel Bearing Adjustments cont:



Wheel Bearing Adjustment Procedure

Step 1: Lubricate the wheel bearing with clean axle lubricant of the same type used in the axle sump or hub assembly. Note: Never use an impact wrench when tightening or loosening lug nuts or bolts during the procedure.								
Initial adjusting nut torque	Initial back off	Final adjusting nut torque	Back off			Jam nut torque		Acceptable end play
			Axle type	Threads per inch	Final back off	Nut size	Torque specifications	
Step 2	Step 3	Step 4		Step 5	Step 6	Step 7		Step 8
200 lb•ft (271 N•m) While rotating wheels	One full turn	50 lb•ft (68 N•m) While rotating wheels	Steer (front) non-drive	12	1/6 Turn *	Install cotter pin to lock axle nut in position		.001"-.005" (.025mm-.127mm) As measured per procedure with dial indicator
				18	1/4 Turn *			
				14	1/2 Turn	Less than 2 5/8" (66.7mm)	200-300 lb•ft (271-407 N•m)	
			18					
			Drive	12	1/4 Turn	Dowel type washer	300-400 lb•ft (407-542 N•m)	
				16		Tang type washer**	200-275 lb•ft (271-373 N•m)	
Trailer	12	1/4 Turn	2 5/8" (66.7mm) and over	200-300 lb•ft (271-407 N•m)				
	16							

* If dowel pin and washer (or washer and nut flat) are not aligned, remove the washer. Turn it over, and reinstall. If required, loosen the inner (adjusting) nut just enough for alignment.

** Bendable type washer lock only: Secure nuts by bending one wheel nut washer tang over the inner and outer nut. Bend the tangs over the closest flat perpendicular to the tang.



GETTING TECHNICAL - Wheel Bearing Adjustments cont:

Axle Wheel Bearing Installation Specifications

Conventional Wheel-End System					
Axle	Initial Adjusting Nut Torque ①	Final Adjusting Nut Torque ②	Spindle Thread Diameter	Jam Nut Torque Specification	Acceptable End Play Range ③
Drive axles without lock washers	200 lb-ft (272 N•m) Back off 1 turn	50 lb-ft (68 N•m) Back off 1/4 turn	Less Than 2-5/8" (66.67 mm)	200-300 lb-ft (272-408 N•m)	0.001"-0.005" (0.025-0.127 mm)
			2-5/8" (66.67 mm) and over	300-400 lb-ft (408-544 N•m)	
Drive axles with bendable lock washers	200 lb-ft (272 N•m) Back off 1 turn	50 lb-ft (68 N•m) Back off 1/4 turn	Less Than 2-5/8" (66.67 mm)	100-150 lb-ft (136-204 N•m)	0.001"-0.005" (0.025-0.127 mm)
			2-5/8" (66.67 mm) and over	100-200 lb-ft (136-272 N•m)	
Front non-drive steer axles	150 lb-ft (203 N•m) Back off 1 turn	50 lb-ft (68 N•m) Back off 1/3 turn for 1-1/8" (28.6 mm), 1-1/2" (38.1 mm) Back off 1/4 turn for 1-3/4" (44.45 mm) and over	1-1/8" (28.6 mm) MFS-06, MFS-07, MFS-08	150-225 lb-ft (203-305 N•m)	0.001"-0.005" (0.025-0.127 mm)
			Over 1-1/8" (28.6 mm), Less Than 2-5/8" (66.67 mm) 2-5/8" (6.67 mm) and over	200-300 lb-ft (272-408 N•m) 250-400 lb-ft (339-542 N•m)	
Trailer axles	200 lb-ft (272 N•m) Back off 1 turn	50 lb-ft (68 N•m) Back off 1/4 turn	2-5/8" (66.67 mm) and over	300-400 lb-ft (408-544 N•m)	0.001"-0.005" (0.025-0.127 mm)



EMPLOYEE PROFILE - *SHAUN ANTHONY*

Role at Meritor: Customer Service Manager
Year Joined: 2017

What is your background in Customer Service?

I have previously been employed as a District Service Manager with Volkswagen Australia for 3 years. I then gained employment as a Customer Service Manager / Technical Manager for Midas Asia Pacific. I then moved on to become a District Service Manager at Saab Australia for a year before my last role at Mazda Australia where I worked as a Senior Customer Service Manager for 11 years before joining Meritor.

What are your main job responsibilities?

My main responsibilities is to oversee the daily operation of the Customer Service Department. I am also working towards delivering a great working environment that supports our staff members to exceed customer expectations and the development of systems and procedures to deliver best practice customer service.

What's your biggest challenge in this role?

To improve on the great customer service that Meritor provide now.

What are your interests outside work?

I enjoy family cycling, racing and triathlons.

