

# BULLS EYE 2021



## AFTERMARKET

OCT 2021

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# RUN WITH SUPPORT



## SPECIAL NOTICE

### MERITOR VICE PRESIDENT OF ASIA PACIFIC

Meritor, Inc. announced that Thimmaiah Napanda has been appointed Vice President of Asia Pacific effective October 1, 2021. Napanda was most recently vice president of India and Australia. In this expanded role, he will be responsible for leading and successfully executing Meritor's business strategy in Asia Pacific.

Thimmaiah has nearly three decades of industry experience during which time he has made a significant mark on the industry. Recently he was also named one of the Most Promising Business Leaders of Asia in 2020-2021, an award that recognises eminent, visionary leaders who excelled during extraordinary times. The recognition is given to leaders who are committed to creating an economic renaissance for their nations. We are proud to have Thimmaiah as our leader.





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## PRODUCT IN FOCUS PADS & ROTORS PAIRING GUIDE

For optimal brake performance of Meritor Brake Pads and Rotors we recommend customers to refer to our pairing guide ensuring best practice for maintenance.

Please visit our website [meritorpartsonline.com.au](http://meritorpartsonline.com.au) to find out more.

**TRUST THE LEADERS IN BRAKES.**  
Pair Meritor Rotors with Brake Pads for the best engineered brake performance.

TRUCK NO.	PAD NO.	ROTOR NO.	COMPATIBLE NO.	TRUCK NO.	ROTOR NO.	COMPATIBLE NO.
2007	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774
2015	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774
2007	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774
2014	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774
2015	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774
2008	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774
2014	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774
2015	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774
2008	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774
2015	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774
2015	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774
2014	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774
2015	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774	MERITOR M001774

**GLOBAL PRESENCE, LOCAL SUPPORT**  
Our experienced Customer Service and Technical Support teams are based in Australia and will assist with any enquiries. For more information, call +61 8 8263 6000 or visit [meritorpartsonline.com.au](http://meritorpartsonline.com.au)

**MERITOR**  
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## NEW PRODUCTS

### BRAKE CHAMBERS & DRIVELINE HARDWARE

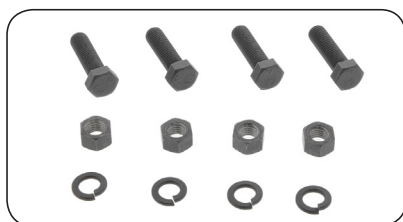
Introducing our all-new Brake Chambers, the latest addition to the Meritor Red range delivering confidence and reliability you can count on.

Part No.	Specifications	Brake Chamber
MBC2430	Size 2430, 2.5" stroke SAE J1469 & J2318 compliant Standard Service, Emergency port holes (3/8-18 NPTF) & distance between mounting studs (4.75")	
MBC3030	Size 3030, 2.5" stroke SAE J1469 & J2318 compliant Standard Service, Emergency port holes (3/8-18 NPTF) & distance between mounting studs (4.75")	



MBC = Meritor Brake Chamber

NEW PART	DESCRIPTION	APPLICATION
KT-35BNW	Driveline Hardware	RPL35 (Heavy Duty Driveline)



Find out more

Find out more





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## TECH TIPS

### RPL DRIVELINES

Get the best out of your driveline by performing regular Universal Joint inspections.

Part of Meritor's production process is to fill each universal joint with sufficient grease during the assembly phase to last the life of the driveline. However, during vehicle operation, some of this grease may purge out at one or more of the universal joint seals. Within 6 months of service or 80,000km, it is common for some grease to purge out.



**FIGURE 1.**

Eventually the grease will stop purging, and the universal joint seals may begin to appear 'crusted'.



**FIGURE 2.**

Eventually the grease will stop purging and your universal joint seals may begin to appear 'crusted'.

*The "crusted" appearance is normal and DOES NOT indicate the universal joint needs replacement.*

Loose bolts, missing balance weights, damaged tubing, excessive slip spline wear or excessive looseness across the ends of universal joint bearing cup assemblies can cause imbalance or vibration in the driveline assembly. Imbalance and vibration can cause component wear, which can result in separation of the driveline from the vehicle. A separated driveline can result in property damage and serious personal injury. Inspect the driveline at regular intervals based on the procedures outlined below to detect worn components.

#### Kilometre interval checks

##### **At or prior to 3,200km (bolts tightened)**

- Universal joint-to-end yoke bolts to 155-183Nm
- Flange-to-flange bolts to 180-220Nm

##### **Every 40,000km**

If you observe any of the following conditions, remove and replace components as needed. Refer to Maintenance Manual MM-96147, Drivelines, for procedures. To obtain this publication, visit Literature on Demand at meritor.com.

1. Inspect all universal joints for grease purging.  
*If a universal joint shows normal grease purging: Do not replace the universal joint Ref. Fig 1 & 2.*
2. Check for excessive looseness across the ends of the universal joint bearing cup assemblies and trunnions.

*cont'd on next page*

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## TECH TIPS RPL DRIVELINES

- Grip driveline near the **INBOARD** yoke with both hands.
- Try to move the yoke **VERTICALLY** and **HORIZONTALLY**. Movement in the universal joint relative to the **INBOARD** or **OUTBOARD** yokes must not exceed 0.152mm. *Ref. Fig 3.*



**FIGURE 3.**

3. Inspect the slip yoke spline seal for grease leakage or seal damage.
4. Inspect for missing balance weights, damaged tubing, or a missing welch plug at the slip yoke.

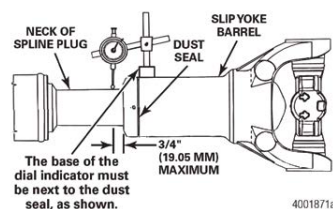
### Every 240,000 km

#### In addition to the 40,000 km requirements:

Use the following steps to inspect the slip splines for wear (backlash) and for radial looseness between the slip yoke and the tube shaft.

- Ensure that the vehicle is on a level surface with its wheels on the ground. For single drive line systems, check the slip yoke for movement with the driveline installed. For multiple driveline systems, remove the slip yoke assembly from the vehicle and check for movement.
- Firmly mount a dial indicator with a magnetic base onto the slip yoke barrel next to the dust seal.

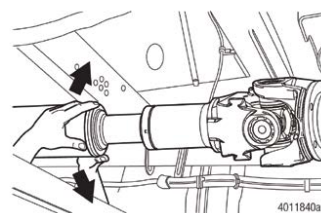
- You do not want the dial indicator to move when you check the slip yoke for looseness, or the measurement will not be correct.
- Extend the dial indicator arm from the base, so that it contacts the neck of the spline plug with in 19.05mm from the dust seal. *Ref. Fig 4.*



**FIGURE 4.**

- With your hands near the centre of the driveline, move the slip yoke **UP-AND-DOWN**. Check the dial indicator measurement. Movement between the spline plug and slip yoke must not exceed 0.432mm. *Ref. Fig 5.*

**If movement exceeds 0.432 mm:**  
Components are worn or damaged.  
Replace as required.



**FIGURE 5.**

Find out more



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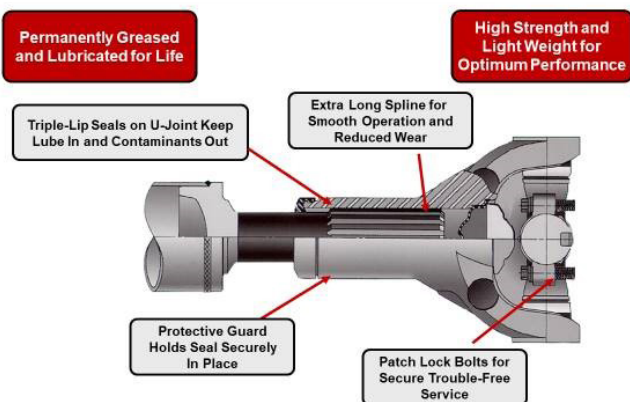


## TECH TIPS RPL DRIVELINES

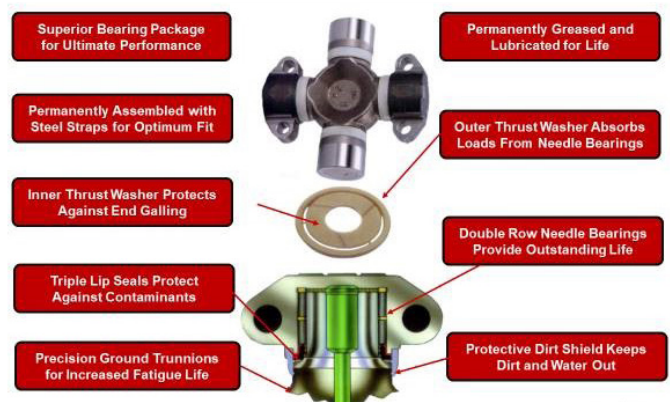
- Use a dial indicator to examine the slip yoke spline for excessive radial movement. Radial movement between the slip yoke and the tube shaft must not exceed 0.432 mm.

**If the radial movement exceeds 0.432 mm:**  
Replace the slip yoke and the tube shaft.

### RPL DRIVELINE FEATURES



### UNIVERSAL JOINT FEATURES



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## EMPLOYEE PROFILE

### CUSTOMER SERVICE TEAM LEADER & PARTS INTERPRETER

Introducing George Khoury, Meritor's new Customer Service Team Leader & Parts Interpreter. George comes to us with 14 years experience in the automotive industry. His past experience includes working at Bayford Motor Group for 3 years as the Parts Manager and Chrysler Jeep Dodge as a Parts Interpreter specialising in Ford, BMW, VW and Peugeot. Prior to starting with Meritor, George was at City Chrysler Jeep for 6 years as the Assistant Parts Manager.

George has fond memories of his childhood where he would spend his Saturday's visiting his father's Panel Beating workshop. This is where his passion for cars started. George has been married for 3 years and grew up in Reservoir, Victoria. Outside of the 9 to 5, George enjoys spending his time with his wife & family, working on his car, or taking it to the track to race. A relaxing day in his household is spent watching the V8 Supercars, F1 racing or AFL as a die hard Collingwood supporter.

Please join us in welcoming George to Meritor who has already made a great impression with his great go-getter attitude and refreshing smile.







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