



Installing Meritor FastSet™ No-Ream King Pin Kits

Special Instructions for Kits R202015 and
R202026 on Mack Axles

Hazard Alert Messages

Read and observe all warnings and caution hazard alert messages in this publication. They provide information that can help prevent serious personal injury, damage to components, or both.

WARNING

To prevent serious eye injury, always wear safe eye protection when performing vehicle maintenance or service.

Park the vehicle on a level surface. Block the wheels to prevent the vehicle from moving. Support the vehicle with safety stands. Do not work under a vehicle supported only by jacks. Jacks can slip and fall over. Serious personal injury and damage to components can result.

How to Obtain Additional Maintenance, Service and Product Information

Refer to technical publication TP-1634, Installing Meritor FastSet™ No-Ream King Pin Kits; and Maintenance Manual 2, Front Non-Drive Steer Axles/All Meritor Conventional, Easy Steer Plus™ and MFS Series. To obtain these publications, visit Literature on Demand at meritor.com.

How to Obtain Kits and Tools

Call Meritor's Commercial Vehicle Aftermarket at 888-725-9355 in Florence, Kentucky.

Meritor FastSet No-Ream King Pin Kits

Complete instructions for installing Meritor FastSet no-ream king pin kits are found in technical publication TP-1634. This publication provides additional instructions specifically for the installation of kits R202015 and R202026 on Mack axles.



Meritor Heavy Vehicle Systems, LLC
7975 Dixie Highway
Florence, KY 41042 USA
US 888-725-9355
Canada 800-387-3889
meritorpartsonline.com

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Special Instructions

King Pin Installation

NOTE: Install the king pin from the bottom of the knuckle, using adequate force to "lock" the king pin into the axle eye.

Threaded Plug Installation

Re-install the bottom bearing and threaded plug.

NOTE: The bearings must be pre-packed with grease.

Tighten the threaded plug until the knuckle will no longer rotate, then back the plug off one cotter key slot.

With the vehicle supported by the knuckle, use a feeler gauge to check the gap between the knuckle and the top of the axle.

IMPORTANT

For kit R202015, the gap should be 0.006-0.010-inch (0.1524-0.254 mm).

- **If the gap is more or less:** Adjust the threaded plug.

For kit R202026, the top gap should be 0.005-0.027-inch (0.127-0.6858 mm) and the bottom gap should be greater than 0.005-inch (0.127 mm).

- **If the gaps are not within specification:** Adjust the threaded plug.

NOTE: If the knuckle does not rotate freely, adjust the threaded plug.

Check End Play

Use a magnetic dial indicator to check end play movement at the bottom of the knuckle bore. There should be zero (0.000") end play. Repeat the end play check in four weeks to verify the bearing preload is correct.