



Technical Bulletin

Servicing Meritor TN/TP Series Trailer Axles Equipped with 12.25" x 7.50" Brakes

How to Obtain Additional Maintenance, Service and Product Information

Refer to Maintenance Manual 14, Trailer Axles. To obtain this publication, visit Literature on Demand at meritor.com.

How to Obtain Kits

Call Meritor's Commercial Vehicle Aftermarket at 888-725-9355 or visit www.MeritorPartsXpress.com.

ABS Block Location Change

Effective August 1st 2019, ABS blocks are now located at the same position on both TN and TP series trailer axles equipped with 12.25" x 7.50" brakes. Modifications were made to the brake spider and return spring to accommodate this change.

Servicing TN/TP Trailer Axles

Meritor aftermarket kits now include the pre-August 1, 2019 design return spring that features a single coil, as well as a post-August 1, 2019 design return spring that features a dual coil with an offset center bar. To determine which spring to use, check the spider and ABS block for the following:

If the spider on the axle has a see-through hole (Figure 1) **AND** the ABS block is in line with it (Figure 2), use the post-August 1, 2019 return spring to service the axle. All others use the pre-August 1, 2019 return spring. Figure 3.

Service procedures are the same regardless of which return spring (pre- or post-August 1, 2019) is used. Follow the same disassembly and assembly procedures outlined in Maintenance Manual 14 for all service.

NOTE: The post-August 1, 2019 return spring must be installed with the offset center bar positioned outboard of the axle. This position is necessary to prevent the spring from contacting the ABS sensor.

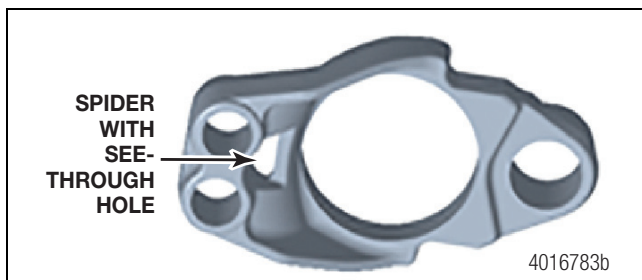


Figure 1

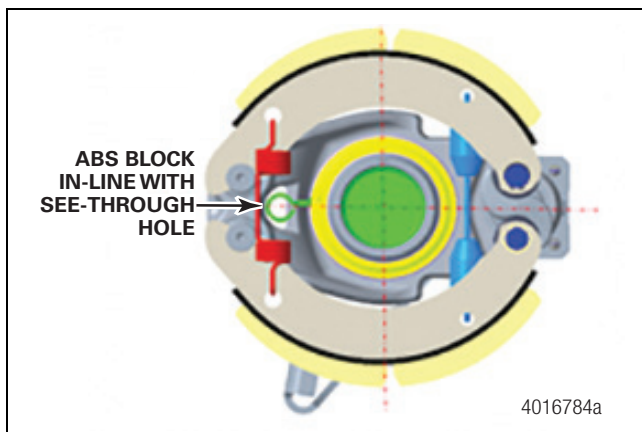


Figure 2

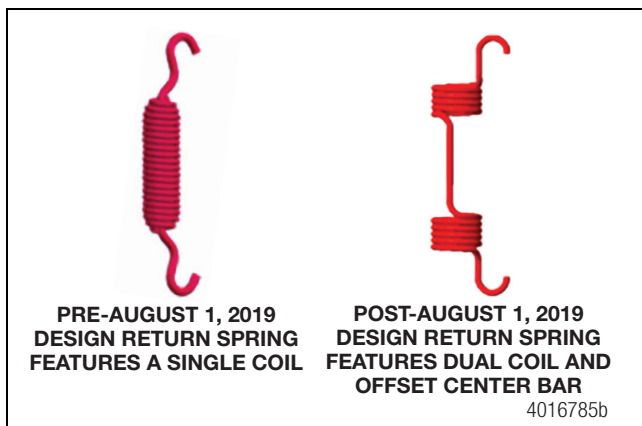


Figure 3



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