

Technical Service Information



TSI-04-14-05

Date: August, 2004

Subject File: REAR AXLE

Subject: ArvinMeritor has Changed the Forward Carrier to Housing Fastener System on all RT-46-164EH Tandem Axles

Vendor: ArvinMeritor

Model: 5500i

Model: 5600i

Model: 5900i

Model: 7400

Model: 7500

DESCRIPTION

NOTICE

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PRODUCT INFORMATION LETTER #416

May 2004

SUBJECT: CARRIER-TO-HOUSING TAPERED DOWELS

MODELS: RT-46-164EH FORWARD CARRIER

Dear Customer,

In the interest of continuous product improvement, ArvinMeritor has changed the carrier-to-housing fastener system on all RT-46-164EH tandem axles.

The addition of six tapered dowels to the cap screw and washers will help reduce the potential for carrier-to-housing lubricant leaks especially on axles operating in severe conditions.

This change was implemented, on a running change basis, in March 2004.

Please be aware that the tapered dowel and cap screw fastener system may effect how clips or other components are attached to the axle if these six fasteners are used. Torque values on the tapered dowel caps screws need to be maintained at 225 lb-ft (306 N•m).

Carriers with the new tapered dowel system can be identified by inspecting the carrier to housing cap screws. Affected forward 164EH axles will have six cap screws raised approximately 0.2 in.(5 mm) from the carrier flange with the tapered dowel clearly visible (the attached drawing shows the locations along with a cross section of the tapered dowel design).

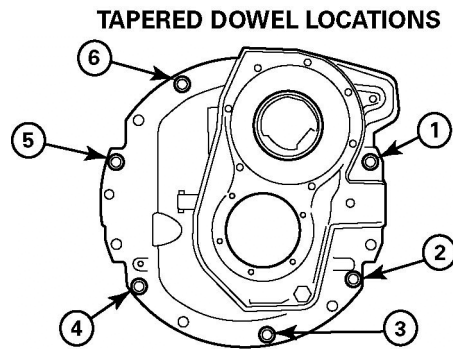
Existing RT-46-164EH axles can be converted to the new tapered dowel system in the field by using part number Kit # 4285 available through normal ArvinMeritor aftermarket channels in Florence, KY or Brampton, Ontario. Instructions for the kit (TP-0441) are available online at www.arvinmeritor.com.

If you have any questions, please contact your ArvinMeritor account representative.

J.L. Malkowski

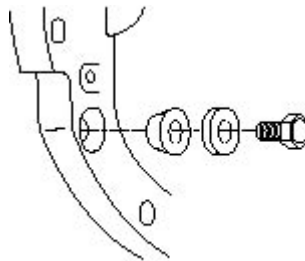
J.L. Malkowski
Director – Product Management
Axles and Drivelines
CVS

TAPERED DOWEL LOCATIONS



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TAPERED DOWEL CROSS SECTION



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