

## SB 4-30B-001

JULY, 2006

**ATTENTION:** SERVICE MANAGERS / PARTS MANAGERS

**SUBJECT:** REVISED YOKE NUT TORQUE SPECIFICATION

**MODELS:** RT-xx-14x/16x/185/380

### Service Bulletin Information

ArvinMeritor has announced a change to the yoke nut torque specification for the FUI (forward unit input) and FUI (forward unit output) positions. The models affected for this change include RT-xx-14x/16x/185, and 380.

The torque specification for all RT-14x/16x/185/380 FUI and FUI yokes has been increased. The new yoke nut torque specification for the FUI position is 750-850 ft-lbs (previously 600-800 ft-lbs) and the new specification for the FUI position is 600-700 ft-lbs (previously 450-650 ft-lbs).

The change to the yoke nut torque specification will be effective immediately. Please see the table on the following page, from ArvinMeritor's Technical Publication (TP) 0688 for a complete listing of all the changes to the torque specification. In addition, field maintenance manuals will be revised with these changes in the next printing.

Replacement parts will remain available through normal channels. Contact ArvinMeritor's Commercial Vehicle Aftermarket in Florence, Kentucky or Brampton, Ontario at 888.725.9355.

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

### Specifications

This bulletin updates the torque specifications shown in *Table S*, Tandem Axles, in Maintenance Manual 5L, Single-Reduction Forward Differential Carriers on Tandem and Tridem Axles.

Refer to the *italic* type in the following table for the updated torque specifications. For more information, contact ArvinMeritor's Customer Service Center at 800.535.5560.

### How to Obtain Maintenance Manual 5L

Call ArvinMeritor's Customer Service Center at 800.535.5580 or visit Literature on Demand at [meritorhvs.com](http://meritorhvs.com).

### Claims for Warranty Reimbursement

Claims for warranty reimbursement can be filed with ArvinMeritor by calling 800.535.5580 and requesting a claim number and a case number.

# SERVICE BULLETIN



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Table S:

Pinion Nut Location	Axle Model					
	RT-140	RT-145, RT-149	RT-160, RT-164, RT-169	RT-185	RT-380 w/ IAD	RT-380 w/ out IAD
First Unit Input Yoke	750-850 ft-lbs (1020-1150 N•m)	<b>750-850 ft-lbs</b> <b>(1020-1150 N•m)</b>	<b>750-850 ft-lbs</b> <b>(1020-1150 N•m)</b>	<b>750-850 ft-lbs</b> <b>(1020-1150 N•m)</b>	<b>750-850 ft-lbs</b> <b>(1020-1150 N•m)</b>	900-1200 ft-lbs (1224-1632 N•m)
Fastener Size	M45 x 1.5	M45 x 1.5	M45 x 1.5	1-3/4" -12 UN	1-3/4" -12 UN	1-3/4" -12 UN
First Unit Output Yoke	600-700 ft-lbs (815-950 N•m)	<b>600-700 ft-lbs</b> <b>(815-950 N•m)</b>	<b>600-700 ft-lbs</b> <b>(815-950 N•m)</b>	<b>600-700 ft-lbs</b> <b>(815-950 N•m)</b>	<b>600-700 ft-lbs</b> <b>(815-950 N•m)</b>	600-700 ft-lbs (815-950 N•m)
Fastener Size	M32 x 1.5	M39 x 1.5	M39 x 1.5	1-1/2" -12 UNF	1-1/2" -12 UNF	1-1/2" -12 UNF
Second Unit Input Yoke	740-920 ft-lbs (1000-1245 N•m)	<b>920-1130 ft-lbs</b> <b>(1250-1535 N•m)</b>	<b>1000-1230 ft-lbs</b> <b>(1350-1670 N•m)</b>	<b>1000-1230 ft-lbs</b> <b>(1350-1670 N•m)</b>	<b>800-1100 ft-lbs</b> <b>(1085-1496 N•m)</b>	800-1100 ft-lbs (1085-1496 N•m)
Fastener Size	M32 x 1.5	M39 x 1.5	M45 x 1.5	M45 x 1.5	1-1/2" -12 UNF	1-1/2" -12 UNF