

Newmar Corporation

Warranty Department

Technical Service Bulletin							
Date Issued		Model Year(s) Affected		Model(s) Affected		TSB #	
10/19/2006		3/7/05 - Present		All Spartan Chassis with Applicable Axles		272	
Brand						Type	
All	<input checked="" type="checkbox"/>	American Star	<input type="checkbox"/>	Mountain Aire	<input type="checkbox"/>	All	<input type="checkbox"/> T T <input type="checkbox"/>
		Dutch Star	<input type="checkbox"/>	Kountry Aire	<input type="checkbox"/>	F W	<input type="checkbox"/> C A <input type="checkbox"/>
		Kountry Star	<input type="checkbox"/>	Essex	<input type="checkbox"/>	D P	<input checked="" type="checkbox"/> D B <input checked="" type="checkbox"/>
Scottsdale	<input type="checkbox"/>	Northern Star	<input type="checkbox"/>	London Aire	<input type="checkbox"/>		
<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Air Conditioning & Heating <input type="checkbox"/> Appliances & Accessories <input type="checkbox"/> Cabinets & Furniture <input checked="" type="checkbox"/> Chassis Components <input type="checkbox"/> Construction Components </div> <div> <input type="checkbox"/> Electrical Components <input type="checkbox"/> Exterior Components <input type="checkbox"/> Interior Components <input type="checkbox"/> Plumbing & Bath Components <input type="checkbox"/> Windows, Awnings, Vents, & Doors </div> </div>							
Description of Problem							
<p>SUBJECT :Multiple Lip Seals (MLS) MODELS :14X/16X/18X/38X TANDEM DRIVE AXLES. In the interest of continuous product improvement ArvinMeritor is pleased to announce the implementation of a newly designed multiple lip seal for our highest volume axle products.</p>							
Recommended Solution							
<p>These new seals are an exclusive ArvinMeritor branded axles. The new seals will require new seal and sleeve installation tools. For recommended installation instructions, please see Technical bulletin TP-0446. Also see Manufacturers attached repair directions. Contact manufacturers directly for additional information or instruction.</p>							

If you have any questions regarding this T.S.B., please contact a Warranty Service Representative at Newmar Corporation.

PRODUCT INFORMATION LETTER



ArvinMeritor, Inc.
2135 West Maple Road
Troy, MI 48084-7186

PRODUCT INFORMATION LETTER #430

DATE: FEBRUARY 2005

SUBJECT: MULTIPLE LIP SEAL (MLS)

MODELS: 14X/16X/18X SINGLE AND 14X/16X/18X/38X TANDEM DRIVE AXLES.

Dear Customer,

In the interest of continuous product improvement ArvinMeritor is pleased to announce the implementation of a newly designed multiple lip seal for our highest volume axle products. The new seal assembly, which is made using premium materials, improves oil containment, contaminant exclusion, while generally increasing seal effectiveness.

The axle models affected include the RT-xx-14X, RT-xx-16X, RT-xx-18X and RT-xx-38X forward unit input (FUI) and the RT-xx-14X and RT-xx-16X forward unit output (FUO) seal positions. Also affected are the RT/RS-xx-14X, RT/RS-xx-16X and RT/RS-xx-18X rear unit input (RUI) seal positions.

The FUI and FUO positions are "soft unitized" designs with two piece construction. These seals incorporate a seal sleeve, which is pre-installed on the yokes before yoke installation to the axle.

The RUI seals are "fully unitized" with seal sleeves integral to the seal assembly.

These new seals are an exclusive ArvinMeritor design to be used only with Meritor branded axles.

The seals will be introduced into production as a running change beginning on March 7, 2005.

MLS Part Number and Driver Information:

Axle Model and Position	Seal Service Part No.	Previous Seal Part No.	Seal Drivers	Sleeve Drivers
14X/16X/18X/38X Forward-Rear Input (FUI)	A1-1205X2728	A-1205R2592	2728T1	2728T2
14X/16X Forward-Rear Output (FUO)	A1-1205Y2729	A-1205P2590	2729T1	2729T2
14X Rear-Rear Input (RUI)	A1-1205Z2730	A-1205N2588	2730T1	Not Required Seal is unitized
16X/18X Rear-Rear Input (RUI)	A1-1205A2731	A-1205Q2591	2731T1	Not Required Seal is unitized

PRODUCT INFORMATION LETTER

The new seals will require new seal and sleeve installation tools. For recommended installation instructions, please see Technical Bulletin TP-0446. ArvinMeritor recommends the use of specific seal and sleeve drivers to ensure proper positioning. A CD (TP-0531) has been developed which shows the correct methods used for seal installation and replacement. Replacement seals as well as seal and sleeve driver kits are available through ArvinMeritor Commercial Vehicle Aftermarket at 888-725-9355.

The current bolt-on deflector (3264-J-1466) that is used on the RT-xx-14X and the RT-xx-16X forward unit output position is incompatible with the new seal design and will be discontinued with the implementation of the new seal. The seal sleeve that is assembled to the yoke also acts as a deflector with the new seal.

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

J. L. Malkowski

J. L. Malkowski
Director - Product Management
CVS Axles

Fully Unitized one piece design:



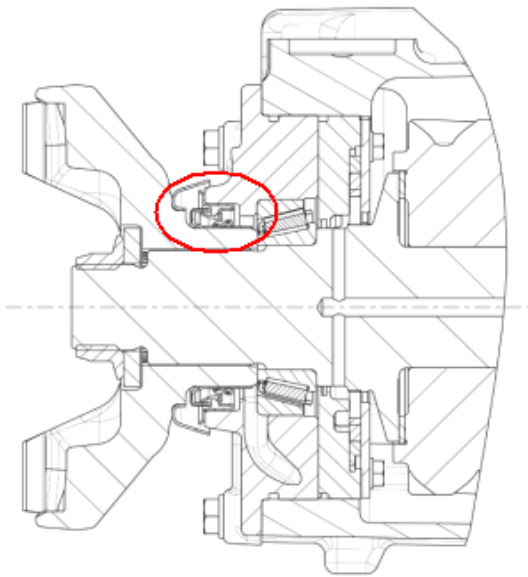
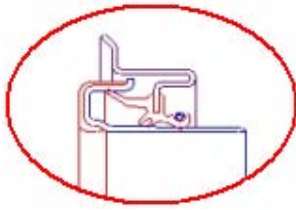
Seal with seal sleeve design
"soft unitized":



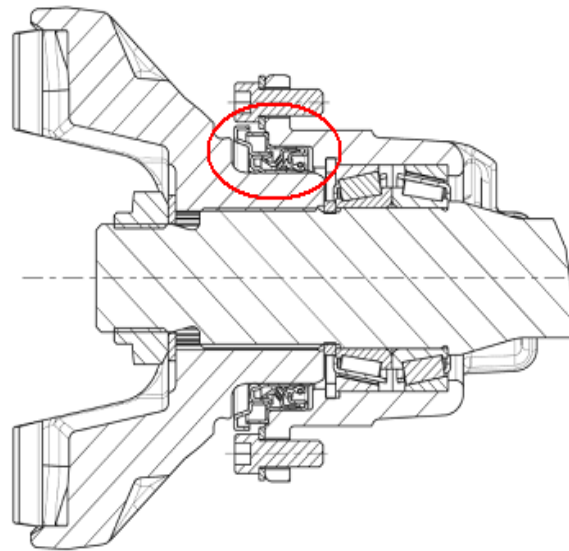
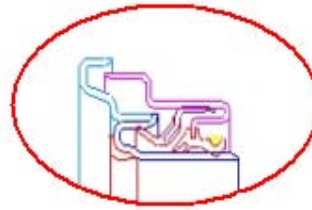
Installation tools:



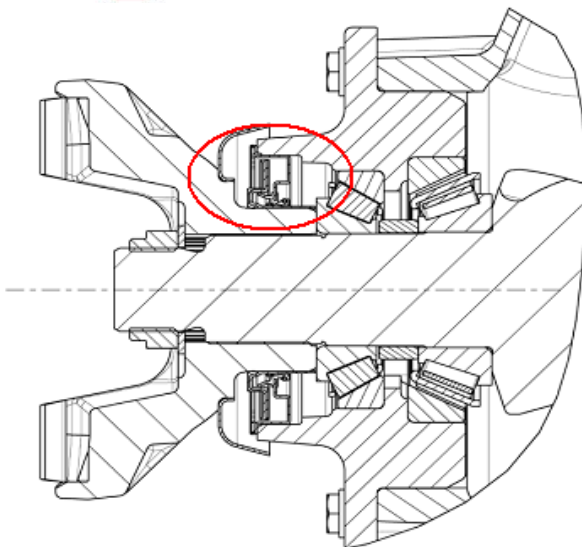
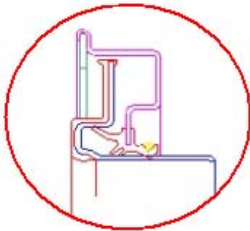
Forward Unit Input Seal Position:



Forward Unit Output Seal Position:



Rear Unit Input Seal Position:



Output Shaft Seal Deflector:

