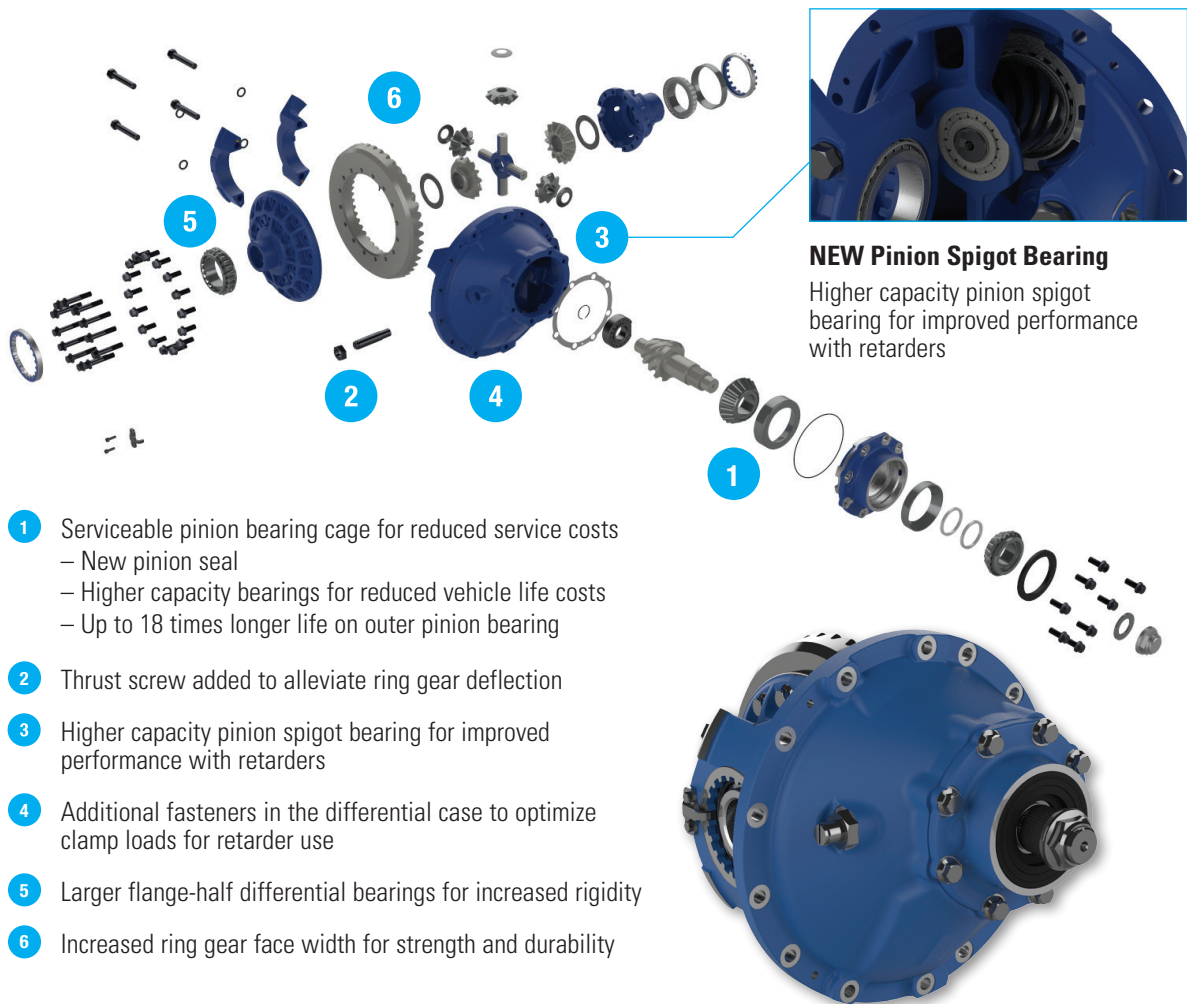


FEATURES & BENEFITS**NEW Pinion Spigot Bearing**

Higher capacity pinion spigot bearing for improved performance with retarders

- 1 Serviceable pinion bearing cage for reduced service costs
 - New pinion seal
 - Higher capacity bearings for reduced vehicle life costs
 - Up to 18 times longer life on outer pinion bearing
- 2 Thrust screw added to alleviate ring gear deflection
- 3 Higher capacity pinion spigot bearing for improved performance with retarders
- 4 Additional fasteners in the differential case to optimize clamp loads for retarder use
- 5 Larger flange-half differential bearings for increased rigidity
- 6 Increased ring gear face width for strength and durability

PRODUCT COMPARISON

Ring Gear	Meritor® 61000 Series	AxleTech A176
Diameter	460mm	460mm
Face Width	67mm	74mm
Housing Fasteners-Quantity	12	16

Bearings	Meritor® 61000 Series	AxleTech A176
Pinion Bearing Life - Inner	100%	180%
Pinion Bearing Life - Outer	100%	1800%
Pinion Spigot Roller Bearing Life	100%	500%
Ring Gear Bending & Life	100%	130%

Housing Fasteners-Quantity	12	14
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UPGRADE INFORMATION

Direct Replacement Part Numbers for A176 Upgrade for Meritor® 61000 Series Axles in Coach & Transit Applications with Retarders

AxleTech Carrier	AxleTech Yoke	Yoke	Upgrade Kit* <small>includes: carrier, mounting hardware, seals, and axle shafts</small>
320002094A02S489	N/A	No Yoke	940009786A02489
320002094A02S538	N/A	No Yoke	940009786A02538
320002094A02S563	N/A	No Yoke	940009786A02563
320002094A02S614	N/A	No Yoke	940009786A02614
320002094A03S489	881401309A01	Easy Service 1710 Series	940009786A03489
320002094A03S538	881401309A01	Easy Service 1710 Series	940009786A03538
320002094A03S563	881401309A01	Easy Service 1710 Series	940009786A03563
320002094A03S614	881401309A01	Easy Service 1710 Series	940009786A03614
320002094A04S489	881401345A01	Full Round 1710 Series	940009786A04489
320002094A04S538	881401345A01	Full Round 1710 Series	940009786A04538
320002094A04S563	881401345A01	Full Round 1710 Series	940009786A04563
320002094A04S614	881401345A01	Full Round 1710 Series	940009786A04614
320002094A05S489	881401342A01	Full Round 1810 Series	940009786A05489
320002094A05S538	881401342A01	Full Round 1810 Series	940009786A05538
320002094A05S563	881401342A01	Full Round 1810 Series	940009786A05563
320002094A05S614	881401342A01	Full Round 1810 Series	940009786A05614

Direct Replacement Part Numbers for A177 Upgrade for Meritor® 71000 Series Axles in Coach & Transit Applications with Retarders

Meritor® 1739 Carrier	Meritor® Yoke	Meritor® 2120 Equivalent	AxleTech Carrier <small>(Only 2120 Equivalent)</small>	AxleTech Yoke	Yoke
B5 3200W1739 489	Less Yoke	B13200N2120489	320002093A02S489	N/A	No Yoke
B5 3200W1739 538	Less Yoke	B13200N2120538	320002093A02S538	N/A	No Yoke
B5 3200W1739 563	Less Yoke	B13200N2120563	320002093A02S563	N/A	No Yoke
B5 3200W1739 614	Less Yoke	B13200N2120614	320002093A02S614	N/A	No Yoke
B6 3200W1739 489	17TYS3878A	B23200N2120489	320002093A03S489	881401309A01	Easy Service 1710
B6 3200W1739 538	17TYS3878A	B23200N2120538	320002093A03S538	881401309A01	Easy Service 1710
B6 3200W1739 563	17TYS3878A	B23200N2120563	320002093A03S563	881401309A01	Easy Service 1710
B6 3200W1739 614	17TYS3878A	B23200N2120614	320002093A03S614	881401309A01	Easy Service 1710
B33200W1739489	17NYS3878A		320002093A04S489	881401345A01	Full Round 1710
B33200W1739538	17NYS3878A		320002093A04S538	881401345A01	Full Round 1710
B33200W1739563	17NYS3878A		320002093A04S563	881401345A01	Full Round 1710
B33200W1739614	17NYS3878A		320002093A04S614	881401345A01	Full Round 1710

*Upgrade requires replacement of both axle-shafts to accommodate the larger differential. They are included in the kits along with the carrier mounting hardware and seals.

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