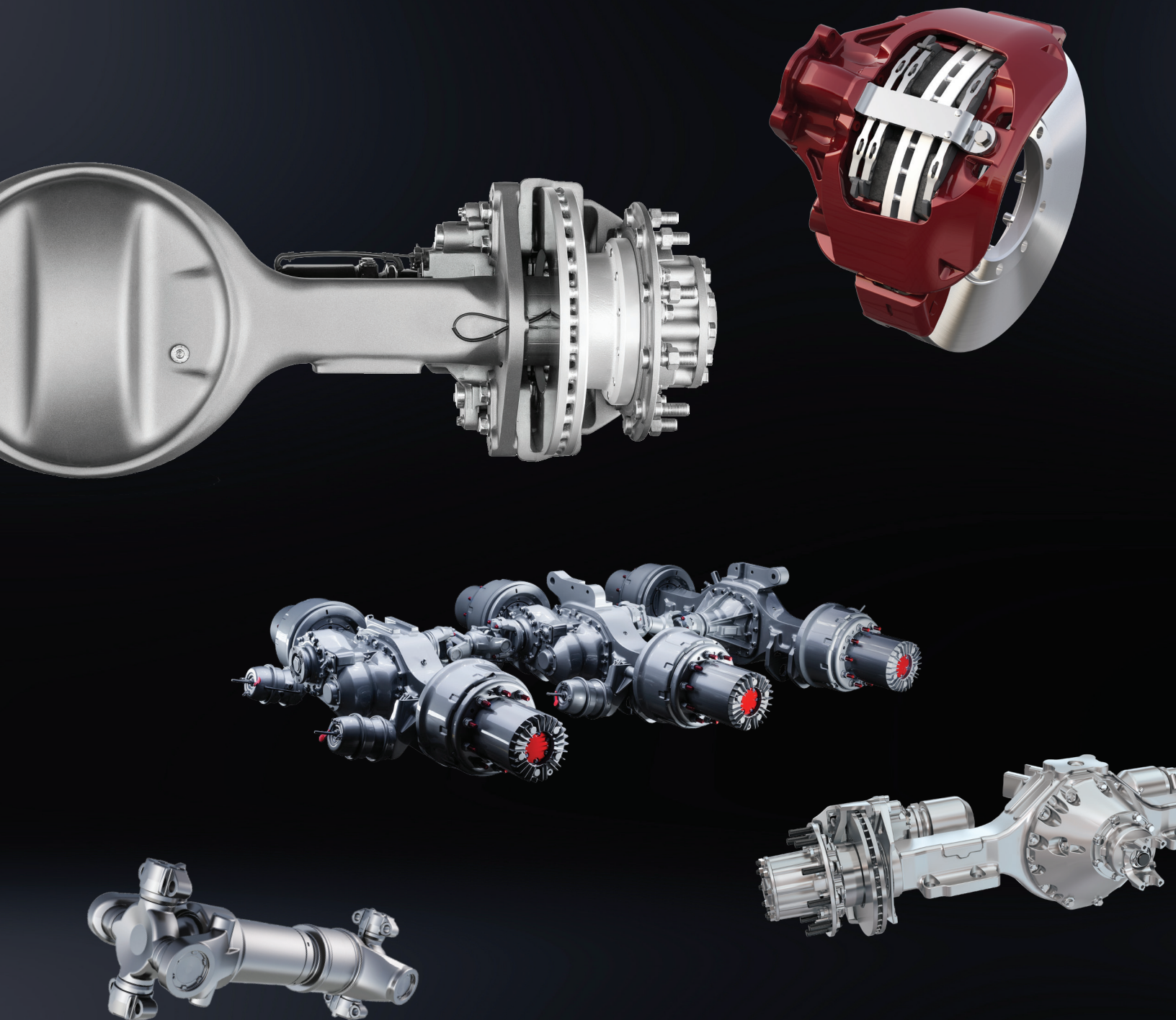


# MERITOR® COMMERCIAL VEHICLE SYSTEMS WARRANTY

MODEL YEAR 2023 VEHICLES



# WARRANTY INFORMATION CONTENTS

## Effective Model Year 2023 Vehicles

Linehaul..... 3  
General Service..... 5  
Heavy Service/Specialty Vehicle ..... 8  
Fire and Emergency..... 11  
Transit Bus ..... 13  
Off-Highway Service ..... 14  
Terms and Conditions..... 16

## How to Read Warranty Coverage

Number of Years	Mileage (in thousands) Unl = Unlimited	P = Parts Only P&L = Parts and Labor
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**Notice:**

Models or components that are approved for use by Meritor’s vocational guidelines contained in Meritor Publication TP-9441 for axles, SP-8320 for trailer axles and TP-12126 for drivelines, or any other products that have an application approval completed with Meritor which are not specifically listed, are warranted for one year, unlimited miles, parts only (1/Unl/P).

Products purchased on an incomplete vehicle (glider) are limited to one year, unlimited miles parts only (1/Unl/P).

## Advantage Program

Purchasing additional coverage on select components will continue to safeguard your investment against major repair costs after the initial base coverage expires. You can find out more about the Advantage Program by visiting [www.meritor.com](http://www.meritor.com) or by contacting Meritor at **866-OnTrac1 (866-668-7221)**.

# LINEHAUL WARRANTY INFORMATION

## Linehaul Vehicles

- Auto Hauler
- Bulk Hauler
- Chip Hauler (Truck)<sup>1</sup>
- Doubles
- Flatbed
- General Freight
- Grain Hauler
- Livestock Hauler
- Moving Van
- Pipe Hauler
- Refrigerated Freight
- Tanker
- Triples

<sup>1</sup> Chip Hauler vehicles require specific axle models listed below and Linehaul condition to be eligible for Linehaul warranty consideration.

## Linehaul Typically Is:

- High mileage operation (over 60,000 miles/year)
- Well maintained major highways of concrete or asphalt construction
- Greater than 30 miles between starting and stopping

Coverage under Meritor's warranty require that the application of products be properly approved pursuant to OEM and Meritor approvals. Refer to TP-9441 for axles, SP-8320 for trailer axles, TP-12126 for drivelines and/or contact Meritor regarding specific application approval questions on any product line.

## Front Non-Drive Steer Axles – 5/750/P&L

FD-965	MFS-10-122A	MFS-12-132B-N	MFS-13-132B-N	MFS-14F-122B-N	MFS-14F-132C-N
FF-941	MFS-10-143A-N	MFS-12-132C-N	MFS-13-132C-N	MFS-14G-122B-N	MFS-14G-132C-N
FF-942	MFS-10-144A-N	MFS-12E-132B-N	MFS-13-143A-N	MFS-14-122C-N	MFS-14-142B-N
FF-943	MFS-12-122A-N	MFS-12E-132C-N	MFS-13-144A-N	MFS-14F-122C-N	MFS-14F-142B-N
FF-944	MFS-12-122B-N	MFS-12-143A-N	MFS-13B-122B-N	MFS-14G-122C-N	MFS-14G-142B-N
FF-961	MFS-12-122C-N	MFS-12E-143A-N	MFS-13B-122C-N	MFS-14-124A-N	MFS-14-142C-N
FF-966	MFS-12E-122A-N	MFS-12-144A-N	MFS-13B-132B-N	MFS-14-132B-N	MFS-14F-142C-N
FF-967	MFS-12E-122B-N	MFS-13-122A-N	MFS-13B-132C-N	MFS-14F-132B-N	MFS-14G-142C-N
FG-941	MFS-12E-122C-N	MFS-13-122B-N	MFS-14-122A-N	MFS-14G-132B-N	MFS-14-143A-N
FG-943	MFS-12-124A-N	MFS-13-122C-N	MFS-14-122B-N	MFS-14-132C-N	MFS-14-144A-N

## Rear Drive Single Axles – 5/750/P&L

MS-19-14X	MS-23-17H	RS-23-160	RS-23-185
RS-21-160	MS-23-17X	RS-23-161	RS-23-186

## Rear Drive Tandem/Tridem Axles – 5/750/P&L

RT-40-160/P <sup>1,2</sup>	RT-50-160/P <sup>1,2</sup>	MA-40-175	MT-40-14X/P	RZ-166 <sup>2</sup>
RT-46-160/P <sup>1,2</sup>	MA-40-165	MT-34-14X/P	MT-40-14X/P	RZ-188
RT-46-164/P <sup>1,2</sup>	MA-40-17H	MT-40-14T/P	MT-40-14H	

<sup>1</sup> These models required for Chip Hauler and Linehaul warranty consideration.

<sup>2</sup> Each vehicle must have a Request for Application Recommendation (RAR) approved by Meritor prior to vehicle build. All RARs must identify the chassis number or VIN. Refer to Product Information Letter #303 and #396 for further details.

## Drivelines

RPL	5/500/P, 1/Unl/P&L
MXL	3/350/P, 1/Unl/P&L
155N	1/Unl/P
92N	1/Unl/P

# LINEHAUL WARRANTY INFORMATION

## Brake Components

Cam Q Series Trailer Brakes	5/500/P, 1/100/L
Q+ Drum Brake™	5/500/P, 1/Unl/P&L
ASA	5/500/P, 1/Unl/P&L
Hubs/Cast Drums and Other Wheel-End Components	1/Unl/P
Hydraulic Disc Brakes	1/Unl/P
All Other Brakes	1/Unl/P
STEELite X30 Drum Brake™ <sup>1</sup>	12-Years or Wearable Life/P
EX+ L and EX+LS Air Disc Brake™ <sup>3</sup>	5/500/P, 1/Unl/L
EX+L Air Disc Brake Extended Standard Warranty <sup>2,3</sup>	5/500/P&L

<sup>1</sup> Based on stamped wear diameter max.

<sup>2</sup> Applies only to calipers using friction: MA761 (EX225LXXXCDXXX) or MA9300 (EX225LXXXCGXXX).

<sup>3</sup> Warranty coverage for boots, seals, bushings and pins is 2/200/P. Warranty coverage for pads is 1/100/P.

## Trailer Axles<sup>1</sup>

Beam and Brackets	5/500/P, 1/100/L
Wheel End Systems <sup>2</sup>	
Standard System <sup>3</sup>	1/100/P&L
PreSet by Meritor <sup>4</sup>	5/500/P&L
AxlePak5	5/Unl/P&L
AxlePak7 <sup>5</sup>	7/Unl/P&L

<sup>1</sup> For brake components and ABS coverage, refer to appropriate product warranties.

<sup>2</sup> Includes hub, wheel seals and wheel bearings—all systems require annual inspections and proper documentation to ensure full coverage.

<sup>3</sup> When installed by Meritor.

<sup>4</sup> Requires approved hubcap stating PreSet by Meritor on hubcap face.

<sup>5</sup> When specified with AxlePak7 wheel end system, coverage on MTIS thru-tee and stator is 7/Unl/P, 1/Unl/L.

## TAG/Pusher Axles<sup>1</sup>

TQ, TQD, TR, TRD Beam and Brackets	5/750/P&L
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<sup>1</sup> For brake components and ABS coverage, refer to appropriate product warranties.

## Meritor Tire Inflation System

MTIS Components	5/Unl/P, 1/Unl/L
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## Trailer Air Suspension Systems

MPA40 (Tandem Axle Parallelogram) <sup>1</sup>	
Major Structural Components	5/500/P, 1/100/L
Curbing Damage Warranty <sup>2</sup>	5/500/P, 1/100/L
Height Control Valve	1/100/P&L
Shock Absorbers	2/200/P&L
Air Springs	2/200/P, 1/100/L
Bushings	5/Unl/P, 3/Unl/L
PinLoc Air Controls	1/100/P&L
PinLoc Actuator	3/300/P&L
MPA20 (Single Axle Parallelogram)	
Major Structural Components	5/500/P, 1/100/L
Height Control Valve	1/100/P&L
Shock Absorbers	2/200/P&L
Air Springs	2/200/P, 1/100/L
Bushings	5/Unl/P, 3/Unl/L
MTA and MTA-Tec6 Trailing Arm Suspension System	
Major Structural Components	5/500/P, 1/100/L
Height Control Valve	1/100/P&L
Air Springs	2/200/P, 1/100/L
Bushings	5/500/P, 3/300/L
Shock Absorbers	2/200/P&L
Lift Kit System	1/100/P&L

<sup>1</sup> Fastener torque coverage is limited to 2/Unl/P&L when torqued by Meritor (For axle and ABS coverage, refer to appropriate product warranties.)

<sup>2</sup> “Curbing damage” is defined as deformation (bending, buckling or breakage), caused by sudden impact with a curb or similar fixed object. Damage to the RideSentry slider box (the suspension sliding subframe, consisting of the frame rails, crossmembers and central A-frame assembly), caused by accidental trailer impact with a curb or similar fixed object, is eligible for warranty coverage. Damage to other components or damage resulting from collision with another vehicle, rollover or fire is not covered under this provision. Warranty is not transferable to another trailer VIN and coverage does not apply if the trailer is deemed to be a total loss, scrapped or otherwise not salvageable.

## Trailer Mechanical Suspension Systems<sup>1</sup>

IMS40 (Integration Mechanical Suspension) <sup>2</sup>	1/Unl/P&L
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<sup>1</sup> For axle coverage, refer to appropriate product warranties.

<sup>2</sup> All other suspension components refer to appropriate manufacturer’s warranty.

# GENERAL SERVICE WARRANTY INFORMATION

## General Service Vehicles

- Auto Hauler
- Beverage Truck
- Chip Hauler
- Cross Country Coach
- Flatbed
- Front Engine Commercial Chassis
- Front Engine Integral Coach
- General Freight
- Intercity Coach
- Intermodal Chassis
- Livestock Hauler
- Meat Packer
- Moving Van
- Municipal Truck
- Newspaper Delivery
- Pick-Up and Delivery
- Pipe Hauler
- Platform Auto Hauler
- Rear Engine Integral Coach
- Recreational Vehicles
- Refrigerated Freight
- School Bus
- Stake Truck
- Tanker
- Tanker Trailer
- Tour Bus
- Wrecker

## General Service Typically Is:

- Lower mileage operations (less than 60,000 miles/year)
- Generally, on-road service (less than 10 percent off-road)
- An average of three (3) miles between starting and stopping

Coverage under Meritor's warranty require that the application of products be properly approved pursuant to OEM and Meritor approvals. Refer to TP-9441 for axles, SP-8320 for trailer axles, TP-12126 for drivelines and/or contact Meritor regarding specific application approval questions on any product line.

## Front Non-Drive Steer Axles – 2/Unl/P&L

FD-965	MFS-6-162B-N	MFS-12E-122B-N	MFS-13-132B-N	MFS-14G-132B-N	MFS-18-133A-N
FF-941	MFS-6-153C-N	MFS-12-122C-N	MFS-13-132C-N	MFS-14-132C-N	MFS-18-135A-N
FF-942	MFS-6-162C-N	MFS-12E-122C-N	MFS-13B-132B-N	MFS-14F-132C-N	MFS-18-193A-N
FF-943	MFS-7-113C-N	MFS-12-124A-N	MFS-13B-132C-N	MFS-14G-132C-N	MFS-20-133A-N
FF-944	MFS-7-153C-N	MFS-12-132B-N	MFS-13-143A-N	MFS-14-142B-N	MFS-20-135A-N
FF-946	MFS-7-163C-N	MFS-12E-132B-N	MFS-13-144A-N	MFS-14F-142B-N	MFS-20-192A-N
FF-961	MFS-8-113B-N	MFS-12-132C-N	MFS-14-122A-N	MFS-14G-142B-N	MFS-20-193A-N
FF-966	MFS-8-143A-N	MFS-12E-132C-N	MFS-14-122B-N	MFS-14-142C-N	MFS-22-135A-N
FF-967	MFS-8-153B-N	MFS-12-143A-N	MFS-14F-122B-N	MFS-14F-142C-N	MFS-22H-135A-N
FG-941	MFS-8-163B-N	MFS-12-144A-N	MFS-14G-122B-N	MFS-14G-142C-N	MFS-22-193A-N
FH-941	MFS-10-122A	MFS-12E-143A-N	MFS-14-122C-N	MFS-14-143A-N	MFS-22H-193A-N
FH-946 <sup>1</sup>	MFS-10-143A-N	MFS-13-122A-N	MFS-14F-122C-N	MFS-14-144A-N	
FL-941	MFS-10-144A-N	MFS-13-122B-N	MFS-14G-122C-N	MFS-16-122A-N	
FL-943	MFS-12-122A-N	MFS-13B-122B-N	MFS-14-124A-N	MFS-16-133A-N	
MFS-6-151A-N	MFS-12E-122A-N	MFS-13-122C-N	MFS-14-132B-N	MFS-16-135A-N	
MFS-6-153B-N	MFS-12-122B-N	MFS-13B-122C-N	MFS-14F-132B-N	MFS-16-143A-N	

<sup>1</sup> Can also be used with reduced steer angles in tag position in Coach applications.

## Rear Drive Single Axles – 2/Unl/P&L

MS-17-13X	RS-21-160	RS-23-185	RS-30-185
MS-17-14X	RC-23-160	RS-23-186	MS-30-616
MS-19-13X	RC-23-161	RS-24-160	MS-30-616-SP
MS-19-14X	RC-23-162 <sup>1</sup>	RC-25-160	RS-35-380
MS-21-13X	RC-23-165 <sup>1</sup>	RS-26-185	
MS-21-14X	RS-23-160	MS-26-616	
MS-23-17X	RS-23-161	MS-26-616-SP	

<sup>1</sup> 3/Unl/P&L if PreSet by Meritor.

# GENERAL SERVICE WARRANTY INFORMATION

## Rear Drive Tandem/Tridem Axles – 2/Unl/P&L

MT-34-14X/P	MT-40-14X/P	MT-44-14X/P	MT-52-616	MT-58-616	MT-70-380
MT-40-14T/P	MT-40-14H	RT-46-169	RT-52-185 <sup>1</sup>	RT-58-185 <sup>1</sup>	RZ-188

<sup>1</sup> Each vehicle must have a Request for Application Recommendation (RAR) approved by Meritor prior to vehicle build. All RARs must identify the chassis number or VIN. Refer to Product Information Letter #303 and #396 for further details.

## Rear Drive Tandem/Tridem – 3/Unl/P&L

RT-40-160/P	RT-46-160/P	RT-46-164/P	RT-50-160/P	RZ-166
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## Rear Drive Axles – 1/Unl/P&L

RND-14H	RND-16A
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## Drivelines

RPL	4/400/P, 1/Unl/P&L
MXL	3/350/P, 1/Unl/P&L
155N	1/Unl/P
92N	1/Unl/P

## PTO – 1/Unl/P&L

MPT-170	MPT-185	MPT-500	MPT-1702
MPT-180	MPT-309	MPT-518	

# GENERAL SERVICE WARRANTY INFORMATION

## Brake Components

Cam Q Series Trailer Brakes	3/Unl/P, 1/Unl/L
Cam P <sup>2</sup>	2/200/P
Cam	3/Unl/P
Q+ Drum Brake™	3/Unl/P&L
Q+ Drum Brake™ <sup>2</sup>	2/200/P&L
ASA	3/Unl/P
ASA <sup>2</sup>	2/200/P
Hubs/Cast Drums and Other Wheel-End Components	1/Unl/P
Hydraulic Disc Brakes	1/Unl/P
All Other Brakes	1/Unl/P
STEELite X30 Drum Brake™ <sup>1</sup>	12-Years or Wearable Life/P
EX+ Air Disc Brake™ <sup>3</sup>	2/Unl/P&L

<sup>1</sup> Based on stamped wear diameter max.

<sup>2</sup> Applies to Tour Bus and Cross Country Coach only.

<sup>3</sup> Warranty coverage for boots, seals, bushings and pins is 2/200/P. Warranty coverage for pads is 1/100/P.

## Trailer Axles<sup>1</sup>

Beam and Brackets <sup>2</sup>	5/Unl/P, 1/Unl/L
TPX4000 Axle Series <sup>3</sup>	10/Unl/P, 1/Unl/L
Wheel End Systems <sup>4</sup>	
Standard System <sup>5</sup>	1/Unl/P&L
AxlePak5	5/Unl/P&L
AxlePak7 <sup>6</sup>	7/Unl/P&L
AxlePak10 <sup>7</sup>	10/Unl/P&L

<sup>1</sup> For brake components and ABS coverage, refer to appropriate product warranties.

<sup>2</sup> 9000 Series is 3/Unl/P, 1/Unl/L

<sup>3</sup> Structural components only excluding spindle wear. Spindle wear 5/Unl/P, 1/Unl/L.

<sup>4</sup> Includes hub, wheel seals and wheel bearings—all systems require annual inspections and proper documentation to ensure full coverage.

<sup>5</sup> When installed by Meritor.

<sup>6</sup> When specified with AxlePak7 wheel end system, coverage on MTIS thru-tee and stator is 7/Unl/P, 1/Unl/L.

<sup>7</sup> AxlePak10 is limited to Intermodal Chassis applications equipped with TPX4000 series axles.

## TAG/Pusher Axles<sup>1</sup>

TQ, TQD, TR, TRD Beam and Brackets	3/Unl/P, 1/Unl/L
MC14002, MC16003, FH946 <sup>2</sup>	2/Unl/P&L

<sup>1</sup> For brake components coverage, refer to appropriate product warranties.

<sup>2</sup> 3/Unl/P&L if sold with PreSet by Meritor.

## Trailer Air Suspension Systems<sup>1</sup>

MPA40 (Tandem Axle Parallelogram) <sup>2</sup>	
Major Structural Components	5/Unl/P, 1/Unl/L
Curbing Damage Warranty <sup>3</sup>	5/500/P, 1/100/L
Height Control Valve	1/Unl/P&L
Shock Absorbers	2/Unl/P&L
Air Springs	2/Unl/P, 1/Unl/L
Bushings	5/P, 3/L
PinLoc Air Controls	1/Unl/P&L
PinLoc Actuator	3/Unl/P&L
MPA20 (Single Axle Parallelogram)	
Major Structural Components	5/Unl/P, 1/Unl/L
Height Control Valve	1/Unl/P&L
Shock Absorbers	2/Unl/P&L
Air Springs and Rebound Straps	2/Unl/P, 1/Unl/L
Bushings	5/P, 3/L
MTA and MTA-Tec6 Trailing Arm Suspension System	
Major Structural Components	5/Unl/P, 1/Unl/L
Height Control Valve	1/Unl/P&L
Air Springs	2/Unl/P, 1/Unl/L
Bushings <sup>4</sup>	5/Unl/P, 3/Unl/L
Shock Absorbers	2/Unl/P&L
Lift Kit System	1/Unl/P&L

<sup>1</sup> For axle coverage, refer to appropriate product warranties.

<sup>2</sup> Fastener torque coverage is limited to 2/Unl/P&L when torqued by Meritor

<sup>3</sup> “Curbing damage” is defined as deformation (bending, buckling or breakage), caused by sudden impact with a curb or similar fixed object. Damage to the RideSentry slider box (the suspension sliding subframe, consisting of the frame rails, crossmembers and central A-frame assembly), caused by accidental trailer impact with a curb or similar fixed object, is eligible for warranty coverage. Damage to other components or damage resulting from collision with another vehicle, rollover or fire is not covered under this provision. Warranty is not transferable to another trailer VIN and coverage does not apply if the trailer is deemed to be a total loss, scrapped or otherwise not salvageable.

<sup>4</sup> Raw wood applications 3/Unl/P, 1/Unl/L.

## Trailer Mechanical Suspension Systems<sup>1</sup>

IMS40 (Integration Mechanical Suspension) <sup>2</sup>	1/Unl/P&L
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<sup>1</sup> For axle coverage, refer to appropriate product warranties.

<sup>2</sup> All other suspension components refer to appropriate manufacturer’s warranty.

## Meritor Tire Inflation System (MTIS)

MTIS Components	5/Unl/P, 1/Unl/L
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# HEAVY SERVICE/SPECIALTY VEHICLE WARRANTY INFORMATION

## Heavy Service/Specialty Vehicles

- Airport Rescue Fire Fighting (ARFF)
- Airport Shuttle<sup>1</sup>
- Asphalt Truck
- Block Truck
- Bottom Dump Trailer Combination
- Cementing Vehicle
- Commercial Pick-Up
- Concrete Pumper
- Construction Material Hauler
- Mixer
- Demolition
- Drill Rig
- Dump
- Equipment Hauling
- Flatbed Trailer Hauler
- Flatbed Truck
- Fracturing Truck
- Front Loader
- Geophysical Exploration
- Hopper Trailer Combinations
- Landscaping Truck
- Liquid Waste Hauler
- Log Hauling
- Lowboy
- Michigan Special Gravel Train
- Michigan Special Log Hauler
- Michigan Special Steel Hauler
- Michigan Special Waste Vehicle
- Municipal Dump
- Rear Loader (Refuse)
- Recycling Truck
- Residential Pick-Up (Refuse)
- Rigging Truck
- Roll-Off
- Scrap Truck
- Semi-End Dump
- Sewer/Septic Vacuum
- Shuttle Bus<sup>1</sup>
- Side Loader
- Snowplow/Snowblower
- Steel Hauling
- Tanker
- Tank Truck
- Tractors with Pole Trailers
- Tractor/Trailer with Jeeps
- Transfer Dump
- Transfer Vehicle
- Utility Truck
- Winch Truck

<sup>1</sup> Commercial chassis only

## Heavy Service/Specialty Vehicle Typically Is:

- Moderate mileage operation (less than 60,000 miles per year)
- On/off-road vocations (10 percent or more off-road)
- Moderate to frequent stops/starts (up to 10 stops per mile)
- An average of three (3) miles between starting and stopping

Coverage under Meritor's warranty require that the application of products be properly approved pursuant to OEM and Meritor approvals. Refer to TP-9441 for axles, SP-8320 for trailer axles, TP-12126 for drivelines and/or contact Meritor regarding specific application approval questions on any product line.

## Front Non-Drive Steer Axles – 2/Uni/P&L

FD-965	MFS-6-153B	MFS-12-122C-N	MFS-13B-132B-N	MFS-14G-132B-N	MFS-18-133A-N
FF-941	MFS-6-162B	MFS-12E-122C-N	MFS-13-132C-N	MFS-14-132C-N	MFS-18-135A-N
FF-942	MFS-6-162C	MFS-12-124A-N	MFS-13B-132C-N	MFS-14F-132C-N	MFS-18-192A-N
FF-943	MFS-7-113C-N	MFS-12-132B-N	MFS-13-143A-N	MFS-14G-132C-N	MFS-18-193A-N
FF-944	MFS-7-153C-N	MFS-12E-132B-N	MFS-13-144A-N	MFS-14-142B-N	MFS-20-133A-N
FF-946	MFS-7-163C-N	MFS-12-132C-N	MFS-13-155	MFS-14F-142B-N	MFS-20-135A-N
FF-961	MFS-8-113B-N	MFS-12E-132C-N	MFS-14-122	MFS-14G-142B-N	MFS-20-192A-N
FF-966	MFS-8-153B-N	MFS-12-143A-N	MFS-14-122B-N	MFS-14-142C-N	MFS-20-193A-N
FF-967	MFS-8-163B-N	MFS-12-144A-N	MFS-14F-122B-N	MFS-14F-142C-N	MFS-22-135A-N
FG-941	MFS-10-122A	MFS-12-155	MFS-14G-122B-N	MFS-14G-142C-N	MFS-22H-135A-N
FG-943	MFS-10-143A-N	MFS-13-122	MFS-14-122C-N	MFS-14-143A-N	MFS-22-193A-N
FH-941	MFS-10-144A-N	MFS-13-122B-N	MFS-14F-122C-N	MFS-14-144A-N	MFS-22H-193A-N
FH-946	MFS-12-122	MFS-13B-122B-N	MFS-14G-122C-N	MFS-16-122A-N	RF-16-145
FL-941	MFS-12E-122	MFS-13-122C-N	MFS-14-124A-N	MFS-16-133A-N	RF-21-160
FL-943	MFS-12-122B-N	MFS-13B-122C-N	MFS-14-132B-N	MFS-16-135A-N	
MFS-6-151A-N	MFS-12E-122B-N	MFS-13-132B-N	MFS-14F-132B-N	MFS-16-143A-N	

## Front Drive Steer Axles – 2/Uni/P&L

MX-10-120	MX-12-120 EVO			MX-21-140	MX-23-160
MX-10-120 EVO	MX-14-120	MX-16-120	MX-17-140	MX-21-160	MX-23-810
MX-12-120	MX-14-120 EVO	MX-18-120	MX-19-140		



# HEAVY SERVICE/SPECIALTY VEHICLE WARRANTY INFORMATION

## Front Drive Steer Axles – 1/Unl/P&L

MX-08-130-FV (FSD-08A)	MX-14-130-FV (FSD-14A)	MX-20-130-FV (FSD-20A)	MX-23-130-FV (FSD-23A)
MX-10-130-FV (FSD-10A)	MX-16-130-FV (FSD-16A)	MX-21-130-FV (FSD-21A)	MX-23-130-SD (SDA-2300)
MX-12-130-FV (FSD-12A)	MX-18-130-FV (FSD-18A)	MX-21-130-SD (SDA-2100)	MX-29-130-FV (FSD-29A)
MX-13-130-FV (FSD-13A)	MX-18-130-SD (SDA-1800)		

## Rear Drive Axles – 2/Unl/P&L

MS-17-14X	RH-23-160	RS-23-186/380	MS-26-616-SP	RS-30-185/380
MS-19-14X	RS-23-160	RS-24-160	RS-26-185/380	MS-35-380
MS-21-14X	RC-23-161	RC-25-160	RC-26-633	RS-38-380
RS-21-160	RS-23-161	RS-25-160	MS-30-616	MT-58-616
RC-23-160	RS-23-185	MS-26-616	MS-30-616-SP	MT-58-616-SP

## Rear Drive Axles – 1/Unl/P&L

RND-14H	RND-16A
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## Drivelines

RPL	3/Unl/P, 1/Unl/P&L
92N	1/Unl/P&L
MXL	1/Unl/P&L

## Transmission – 1/Unl/P&L

FAT 30

## PTO – 1/Unl/P&L

MPT-170	MPT-185	MPT-500	MPT-1702
MPT-180	MPT-309	MPT-518	

## Rear Drive Tandem/Tridem Axles – 2/Unl/P&L

MT-34-14X/P	RT-46-169	MT-52-616-SP	MT-58-616-SP	MT-70-380
MT-40-14X/P	RT-58-160	RT-52-185/380 <sup>1,2</sup>	RT-58-185/380 <sup>1,2</sup>	RZ-188
MT-44-14X/P	MT-52-616	MT-58-616	RT-70-380	

<sup>1</sup> Axle model designated will vary according to options and variations specified on these axles. Contact Meritor Axle Applications Engineering for details.

<sup>2</sup> Each vehicle must have a Request for Application Recommendation (RAR) approved by Meritor prior to vehicle build. All RARs must identify the chassis number or VIN. Refer to Product Information Letter #303 and #396 for further details.

## Rear Drive Tandem/Tridem – 3/Unl/P&L

RT-40-160/P/A <sup>3</sup>	RT-46-160/P/A <sup>1,3</sup>	RT-46-164/P <sup>2,3</sup>	RT-50-160/P/A <sup>3</sup>	RZ-166
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<sup>1</sup> U.S. only. Canadian warranty = 1/Unl/P for combination vehicles only.

<sup>2</sup> Axle model designated will vary according to options and variations specified on these axles. Contact Meritor Axle Applications Engineering for details.

<sup>3</sup> Each vehicle must have a Request for Application Recommendation (RAR) approved by Meritor prior to vehicle build. All RARs must identify the chassis number or VIN. Refer to Product Information Letter #303 and #396 for further details.

# HEAVY SERVICE/SPECIALTY VEHICLE WARRANTY INFORMATION

## Brake Components

Cam P	3/Unl/P
Cam P	2/100/P
Cam Cast Plus™	2/100/P&L
Q+ Drum Brake™	3/Unl/P&L
Q+ Drum Brake™ <sup>2</sup>	2/100/P&L
ASA	3/Unl/P
ASA <sup>2</sup>	2/100/P
Hubs/Cast Drums and Other Wheel-End Components <sup>1</sup>	1/Unl/P
Hydraulic Disc Brakes	1/Unl/P
All Other Brakes	1/Unl/P
EX+ Air Disc Brake <sup>3</sup>	2/100/P&L

<sup>1</sup> Based on stamped wear diameter max.

<sup>2</sup> Applies to City Bus, Trolley, Shuttle Bus and Airport Shuttle only.

<sup>3</sup> Warranty coverage for boots, seals, bushings and pins is 2/100/P. Warranty coverage for pads is 1/100/P.

## Trailer Axles<sup>1</sup>

Beam and Brackets <sup>2</sup>	5/Unl/P, 1/Unl/L
Wheel End Systems <sup>3</sup>	
Standard System <sup>4</sup>	1/Unl/P&L

<sup>1</sup> For brake components coverage, refer to appropriate product warranties.

<sup>2</sup> 9000 Series is 3/Unl/P, 1/Unl/L

<sup>3</sup> Includes hub, wheel seals and wheel bearings—all systems require annual inspections and proper documentation to ensure full coverage.

<sup>4</sup> When installed by Meritor.

## Gearboxes – 1/Unl/P&L

MGX-402	MGX-450	MGX-466	MGX-538
MGX-423	MGX-451	MGX-479	

## Transfer Cases – 1/Unl/P

MTC-2212-CV (306)	MTC-3118-CV (358)	MTC-3206-CS (544)	MTC-4206-FV (TC-38)
MTC-3106-FV (TC-137)	MTC-3120-FV (TC-143)	MTC-3208-GV (RTC-50)	MTC-4208
MTC-3111 (T-2111)	MTC-3124 (T-2119)	MTC-3209-GV (MTC-60/RTC-60)	MTC-4210
MTC-3112-CV (548C)	MTC-3203	MTC-3212-CV (315 and 548B)	MTC-4213
MTC-3116 (T-2111 through-shaft)	MTC-3205-GV (MTC-25/RTC-25)	MTC-3312-FV (TC-270)	
MTC-3118-FV (TC-180 and TC-180-23)	MTC-3206-FV (TC-237)	MTC-3220-FC (TC-142)	

## Trailer Air Suspension Systems<sup>1</sup>

MTA and MTA-Tec6 Trailing Arm Suspension System	
Major Structural Components <sup>2</sup>	5/500/P, 1/100/L
Height Control Valve	1/100/P&L
Air Springs	2/200/P, 1/100/L
Bushings <sup>2</sup>	5/500/P, 3/300/L
Shock Absorbers	2/200/P&L
Lift Kit System	1/100/P&L

<sup>1</sup> For axle coverage, refer to appropriate product warranties.

<sup>2</sup> Raw wood applications 3/Unl/P, 1/Unl/L

## Meritor Tire Inflation System (MTIS)

MTIS Components	5/Unl/P, 1/Unl/L
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# FIRE AND EMERGENCY WARRANTY INFORMATION

## Fire and Emergency Vehicles

- Aerial Ladder Truck
- Aerial Platform
- Ambulance
- Command Vehicle
- Crash Fire Rescue (CFR)
- Pumper
- Rapid Intervention Vehicle (RIV)
- Tanker

## Fire and Emergency Typically Is:

- Lower mileage operations (less than 20,000 miles/year)
- Generally, on-road service (less than 10 percent off-road)
- An average of three (3) miles between starting and stopping

Coverage under Meritor's warranty require that the application of products be properly approved pursuant to OEM and Meritor approvals. Refer to TP-9441 for axles, TP-12126 for drivelines and/or contact Meritor regarding specific application approval questions on any product line.

## Front Non-Drive Steer Axles – 5/Unl/P&L

FL-941	MFS-18-133A-N	MFS-18-193A-N	MFS-20-135A-N	MFS-22-135A-N	MFS-22-193A-N
FL-943	MFS-18-135A-N	MFS-20-133A-N	MFS-20-193A-N	MFS-22H-135A-N	MFS-22H-193A-N

## Front Drive Steer Axles – 2/Unl/P&L

MX-19-140	MX-21-140	MX-21-160	MX-23-160	MX-23-810
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## Rear Drive Single Axles – 5/Unl/P&L

RC-23-160	RS-23-161	RS-23-186	RC-25-160	RS-30-185	RS-25-160
RS-23-160	RS-23-185	RS-24-160	RS-26-185	RS-35-185 <sup>1</sup>	

<sup>1</sup> 2/Unl/P&L if PreSet by Meritor.

## Rear Drive Tandem/Tridem Axles – 5/Unl/P&L

MT-40-14X/P	MT-44-14X/P	RT-46-164/P	RT-50-160/P	RT-52-185 <sup>1</sup>	RT-58-185 <sup>1</sup>
RT-40-160/P	RT-46-160/P	RT-46-169	MT-52-616	MT-58-616	MT-70-380 <sup>2</sup>

<sup>1</sup> Each vehicle must have a Request for Application Recommendation (RAR) approved by Meritor prior to vehicle build. All RARs must identify the chassis number or VIN. Refer to Product Information Letter #303 and #396 for further details.

<sup>2</sup> 2/Unl/P&L

## Brake Components

Cam	3/Unl/P
Q+ Drum Brake™	3/Unl/P&L
ASA	3/Unl/P
Hubs/Cast Drums and Other Wheel-End Components	1/Unl/P
Hydraulic Disc Brakes	1/Unl/P
All Other Brakes	1/Unl/P
EX+ Air Disc Brake™ <sup>1</sup>	2/Unl/P&L

<sup>1</sup> Warranty coverage for boots, seals, bushings and pins is 2/200/P. Warranty coverage for pads is 1/100/P.

## Drivelines

RPL	4/400/P, 1/Unl/L
MXL	3/350/P, 1/Unl/L
155N	1/Unl/P
92N	1/Unl/P

# FIRE AND EMERGENCY WARRANTY INFORMATION

## Transfer Cases – 1/Unl/P

MTC-2212-CV (306)	MTC-3118-CV (358)	MTC-3208-GV (RTC-50)	MTC-4206-FV (TC-38)
MTC-3106-FV (TC-137)	MTC-3120-FV (TC-143)	MTC-3209-GV (MTC-60/RTC-60)	MTC-4208
MTC-3111 (T-2111 through-shaft)	MTC-3124 (T-2119)	MTC-3212-CV (315 and 548B)	MTC-4210
MTC-3112-CV (548C)	MTC-3206-FV (TC-237)	MTC-3312-FV (TC-270)	MTC-4213
MTC-3118-FV (TC-180 and TC-180-23)	MTC-3206-CS (544)	MTC-3220-FC (TC-142)	

## PTO – 1/Unl/P&L

MPT-170	MPT-185	MPT-500	MPT-1702
MPT-180	MPT-309	MPT-518	

# TRANSIT BUS WARRANTY INFORMATION

## Transit Bus Vehicles

- Airport Shuttle
- City Bus
- Commuter Coach
- Shuttle Bus
- Transit Bus
- Trolley

## Transit Bus Typically Is:

- Moderate mileage operation (less than 50,000 miles per year)
- Moderate to frequent stops/starts (up to 10 stops per mile)

Coverage under Meritor's warranty require that the application of products be properly approved pursuant to OEM and Meritor approvals. Refer to TP-9441 for axles, TP-12126 for drivelines and/or contact Meritor regarding specific application approval questions on any product line.

## Front Non-Drive Steer Axles – 5/300/P&L

FH-946                      FH-941<sup>1</sup>                      MFS-12-155                      MFS-13-155

<sup>1</sup> Commuter coach only – 2/Unl/P&L

## Rear Drive Single Axles – 5/300/P&L

RS-23-160                      71163                      79163                      RC-23-162<sup>1</sup>                      RC-23-165<sup>1</sup>                      RS-21-160  
 RC-23-161

<sup>1</sup> Commuter coach only – 2/Unl/P&L

## Tag Axles – 2/Unl/P&L

MC-14002                      MC-16003                      FH-946

## Center Non-drive Axles – 5/300/P&L

MC-26000                      71063                      79063

## Gearboxes – 1/Unl/P&L

MGX-450                      MGX-451                      MGX-538

## Brake Components

Cam Cast Plus™	2/100/P&L
Q+ Drum Brake™ <sup>1</sup>	2/100/P&L
ASA <sup>1</sup>	2/100/P
Hubs/Cast Drums and Other Wheel-End Components	1/Unl/P
All Other Brakes	1/Unl/P
EX+ Air Disc Brake <sup>2</sup>	2/100/P&L

<sup>1</sup> Applies to City Bus, Trolley, Shuttle Bus and Airport Shuttle only.  
<sup>2</sup> Warranty coverage for boots, seals, bushings and pins is 2/100/P. Warranty coverage for pads is 1/100/P.

## Drivelines

RPL	3/Unl/P, 1/Unl/L
92N	1/Unl/P&L
MXL	1/Unl/P&L

# OFF-HIGHWAY SERVICE WARRANTY INFORMATION

## Industrial and Off-Highway Service Vehicles

- Load-On/Load-Off
- Port Tractor
- Rail Yard Spotter
- Roll-On/Roll-Off
- Stevedoring Tractor
- Trailer Spotter
- Yard Jockey
- All and Rough Terrain Cranes
- Forestry
- Material Handling
- Specialized Heavy Haul
- Excavator
- Compactor
- Fertilizer Spreader
- Snow Blower
- Mining and Specialized Mining
- Rail Car Mover
- Loader
- Tow Tractor
- Pushback Tractor

## Industrial and Off-Highway Service Typically Is:

- Low mileage operation
- Low speed vehicle speed restriction
- Vehicles are not typically licensed for highway use
- Six (6) starts/stops per mile (typical)

Coverage under Meritor's warranty require that the application of products be properly approved pursuant to OEM and Meritor approvals. Contact Meritor regarding specific application approval questions on any product line.

## Front Non-Drive Steer Axles – 1/Unl/P

FF - 941	FG - 941	FN - 951	MFS-20-192A-N	MFS-22-193A-N
FF - 943	FG - 943	FS-25	MFS-20-193A-N	MFS-22H-193A-N
FF - 961	FL - 941	MFS-20-133A-N	MFS-22-135A-N	MON-ZO FAMILY
FF - 966	FL - 943	MFS-20-135A-N	MFS-22H-135A-N	

## Planetary Axles – 1/Unl/P

MOB	MOE	MOH	MOT	MOY
MOC	MOF	MOR	MOX	MOZ
MOD	MOG	MOS		

## Gearboxes – 1/Unl/P&L

MGX-402	MGX-450	MGX-466	MGX-538
MGX-423	MGX-451	MGX-479	

## PTO – 1/Unl/P&L

MPT-170	MPT-185	MPT-500	MPT-1702
MPT-180	MPT-309	MPT-518	

## Transfer Cases – 1/Unl/P

MTC-2212-CV (306)	MTC-3116 (T-2111)	MTC-3124 (T-2119)	MTC-3209-GV (MTC-60/RTC-60)
MTC-3106-FV (TC-137)	MTC-3118-FV (TC-180 and TC-180-23)	MTC-3206-FV (TC-237)	MTC-3220-FC (TC-142)
MTC-3111 (T-2111 through-shaft)	MTC-3118-CV (358)	MTC-3208-GV (RTC-50)	
MTC-3112-CV (548C)	MTC-3120-FV (TC-143)		

# OFF-HIGHWAY SERVICE WARRANTY INFORMATION

## Brake Components

Cam	3/Unl/P
Q+ Drum Brake™	3/Unl/P&L
ASA	3/Unl/P
Hubs/Cast Drums and Other Wheel-End Components	1/Unl/P
Hydraulic Disc Brakes	1/Unl/P
All Other Brakes	1/Unl/P

## Drivelines – 1/Unl/P

RPL	MXL
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## Transmission – 1/Unl/P&L

FAT 30

# TERMS AND CONDITIONS

## Coverage Exclusions

### Product Description

#### All

The cost of any repairs, replacements or adjustments to a covered component (1) associated with noise; (2) resulting from the use or installation of non-genuine Meritor components or materials; (3) due to vibration associated with improper operation or misapplication of drivetrain components; and (4) damage resulting from corrosion.

For axle assemblies supplied by Meritor with suspension and interface brackets designed and/or attached by non-Meritor parties, Meritor warranty coverage does not apply to the brackets, bracket attachment methods and field issues caused by brackets or bracket attachments to any covered component unless specified in a separate OEM agreement.

#### Front Axles<sup>1</sup>

Linehaul – King Pin Bushings 1yr/UNL P&L

All Other Vocations – King Pin Bushings Excluded

<sup>1</sup> King Pin Bushing wear excluded for all vocations.

#### Rear Axles

Self-contained traction equalizers and oil filters. The use of NoSPIN differentials will result in the exclusion of axle shafts from warranty considerations. NoSPIN is a product of Eaton.

#### ASA

Boot and bushing. Bent, broken, over-torqued, missing or otherwise damaged pawl assemblies.

#### Cam Brake

Brake lining wear and brake shoe “rust-jacking.”

#### Disc Brake

Pad wear, rotor wear.

## Coverage Limitations

### Product Description

#### All

Any claim beyond 60 days from date of repair will not be accepted or honored under this warranty program. Products purchased on an incomplete vehicle (glider) are limited to one year, unlimited miles parts only (1/Unl/P).

#### Front Axles

Tie rod and tie rod ends limited to 3-year/300,000-mile or published vocational coverage, whichever is less. Wheel seals, gaskets and wheel bearings are covered for 1 year/unlimited miles if the wheel end equipment is supplied and assembled by Meritor.

#### Rear Axles

Pinion and through shaft seals limited to 3-year/300,000-mile or published vocational coverage, whichever is less, if yoke is installed by Meritor. If yoke is not installed by Meritor, then Meritor does not warrant pinion seals. Wheel seals, gaskets and wheel bearings are covered for 1 year/unlimited miles if the wheel end equipment is supplied and assembled by Meritor.

#### Rear Axles

The Meritor breather part number A-2297-C-8765 with A-3196-J-1336 hose must be used for eligibility of any potential warranty consideration relating to contamination and/or loss of lube in axles.

#### Cam Brake

Limited to bracket, brake spider and camshaft structural integrity.

#### STEELite X30

Wearable life is up to the discard diameter of the drum.

#### Disc Brake

Warranty coverage on vehicles with 1,850 lb-ft engine torque and over may be reduced on individual drivetrain components. Contact your Meritor representative for specific details.



# TERMS AND CONDITIONS

## (1) What is Covered by this Commercial Warranty?

Meritor Heavy Vehicle Systems, LLC warrants to the owner ("Owner") that the components listed in this publication, which have been installed by an Original Equipment Manufacturer ("OEM") as original equipment in vehicles licensed for on-highway use, will be free from defects in material and workmanship. This warranty coverage begins only after the expiration of the OEM's vehicle warranty for the applicable covered components. Warranty coverage ends at the expiration of the applicable time period from the date of vehicle purchase by the first Owner or the applicable mileage limitation, whichever occurs first. Duration of coverage varies by component and vocation as detailed elsewhere in this warranty statement.

Some components are warranted for parts only and the Owner must pay any labor costs associated with the repair or replacement of the component. Other components are warranted for both parts and reasonable labor to repair or replace the subject component. Components (whether new, used or remanufactured) installed as replacements under this warranty are warranted only for the remainder of the original period of time or mileage under the original warranty.

For certain components, coverage requires the use of specific extended drain interval or synthetic lubricants. For further information about lubrication and maintenance, see Meritor publication Maintenance Manual Number 1 and the applicable Meritor maintenance manual for the product in question. Other conditions and limitations applicable to this warranty are detailed below.

## (2) Designation of Vocational Use Required.

To obtain warranty coverage, each Owner must notify Meritor through the OEM new truck and/or trailer dealer of the intended vocational use of the vehicle into which the Meritor components have been incorporated prior to the vehicle in-service date. This notification may be accomplished by registering the vehicle through your OEM new truck and/or trailer dealer or with Meritor directly. Failure to notify Meritor of (I) the intended vocational use of the vehicle or (II) a change in vocational use from that which was originally designated, will result in the application of a one year, unlimited mileage, parts only warranty (1/Unl/P) from the initial in-service date.

A second Owner and each subsequent Owner must also notify Meritor as to the intended vocational use of the vehicle. This notification can be sent directly to Meritor or through the OEM new truck and/or trailer dealer. The duration and mileage coverage of this warranty cannot exceed the coverage extended to the first Owner after his or her initial designation of vocational use.

Coverage under Meritor's warranty requires that the application of products be properly approved pursuant to OEM and Meritor approvals. Refer to TP-9441 for axles, SP-8320 for trailer axles, TP-12126 for drivelines and/or contact Meritor regarding specific application approval questions on any product line.

## (3) What is the Cost of this Warranty?

There is no charge to the Owner for this warranty.

## (4) What is not Covered by this Warranty?

This warranty does not cover normal wear and tear; nor does it cover a component that fails, malfunctions or is damaged as a result of (I) improper installation, adjustment, repair or modification (including the use of unauthorized attachments or changes or modification in the vehicle's configuration, usage or vocation from that which was originally approved by Meritor), (II) accident, natural disaster, abuse or improper use (including loading beyond the specified maximum vehicle weight or altering engine power settings to exceed the axle and/or driveline capacity) or (III) improper or insufficient maintenance (including deviation from approved lubricants, change intervals or lube levels). This warranty does not cover any component or part that is not branded by Meritor. For vehicles that operate full or part time outside of the United States and Canada, a one year, unlimited mileage, parts only warranty (1/Unl/P) will apply.

## (5) Remedy.

The exclusive remedy under this warranty shall be the repair or replacement of the defective component at Meritor's option. Meritor reserves the right to require that all applicable failed materials are available and/or returned to Meritor for review and evaluation.

## (6) Disclaimer of Warranty.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES OR CONDITIONS, EXPRESSED, IMPLIED OR STATUTORY INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.

## (7) Limitation of Remedies.

In no event shall Meritor be liable for special, incidental, indirect or consequential damages of any kind or under any legal theory, including, but not limited to, towing, downtime, lost productivity, cargo damage, taxes or any other losses or costs resulting from a defective covered component.

## (8) To Obtain Service.

If the Owner discovers within the applicable coverage period a defect in material or workmanship, the Owner must promptly give notice to either Meritor or the dealer from which the vehicle was purchased. To obtain service, the vehicle must be taken to any participating OEM new truck and/or trailer dealer or authorized Meritor service location. The dealer will inspect the vehicle and contact Meritor for an evaluation of the claim. When authorized by Meritor, the dealer will repair or replace during the term of this warranty any defective Meritor component covered by this warranty.

## (9) Entire Agreement.

This is the entire agreement between Meritor and the Owner about warranty and no Meritor employee or dealer is authorized to make any additional warranty on behalf of Meritor. This agreement allocates the responsibilities for component failure between Meritor and the Owner.

Product models, brands, names and trademarks depicted herein are the property of their respective owners and, except where otherwise indicated, are not in any way associated with Meritor Heavy Vehicle Systems, LLC, or any parent or affiliate, thereof.



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