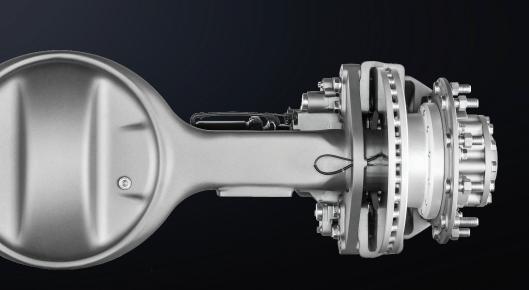
MERITOR® COMMERCIAL VEHICLE SYSTEMS

WARRANTY/MODEL YEAR 2021 VEHICLES









WARRANTY INFORMATION CONTENTS

Effective Model Year 2021 Vehicles

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Terms and Conditions		
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Number of Years	Mileage (in thousands)	P = Parts Only

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, which are not specifically listed, are warranted for one year, unlimited miles, parts only (1/Unl/P).

Unl = Unlimited

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** or by contacting Meritor at **866-0nTrac1** (**866-668-7221**).

P&L = Parts and Labor

LINEHAUL WARRANTY INFORMATION

Linehaul Vehicles

- Bulk Hauler
- Chip Hauler (Truck)¹
- Doubles

- Flatbed
- General Freight
- Grain Hauler

- Livestock Hauler
- Moving Van
- Pipe Hauler

- Refrigerated Freight
- Tanker
- Triples

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

Rear Drive Single Axles - 5/750/P&L

RS-19-144/145/A	MS-21-144	RS-21-160	RS-23-160	RS-23-185
MS-19-14X	RS-21-145	MS-23-17X	RS-23-161	RS-23-186

Rear Drive Tandem/Tridem Axles - 5/750/P&L

RT-34-144/P/A	RT-46-164/P ^{1,2}	MA-40-175	MT-40-14X/	MT-40-943-SP
RT-40-145/A	RT-50-160/P ^{1,2}	MT-34-14X/P	MT-40-14H	RZ-166 ²
RT-40-160/P ^{1,2}	MA-40-165	MT-40-14T/P	MT-40-144/P	RZ-188
RT-46-160/P ^{1,2}	MA-40-17H	MT-40-14X/P	MT-40-943	

¹ These models required for Chip Hauler and Linehaul warranty consideration.

Drivelines

RPI	5/500/P, 1/Unl/P&L
MXL	3/350/P, 1/Unl/P&L
155N	3/330/1, 1/01/1/1 dL 1/Unl/P
92N	1/Unl/P

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

² 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.

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 5/500/P, 1/Unl/P&L ASA 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™1 12-Years or Wearable Life/P EX+ L and EX+LS Air Disc Brake™3 5/500/P, 1/Unl/L EX+L Air Disc Brake Extended Standard Warranty^{2,3} 5/500/P&L

- ¹ Based on stamped wear diameter max.
- ² Applies only to calipers using friction: MA761 (EX225LXXXCDXXX) or MA9300 (EX225LXXXCGXXX).
- ³ Warranty coverage for boots, seals, caps, bushings and pins is 2/200/P. Warranty coverage for pads is 1/100/P.

Trailer Axles¹

 Beam and Brackets
 5/500/P, 1/100/L

 Wheel End Systems²
 1/100/P&L

 Standard System³
 1/100/P&L

 PreSet by Meritor⁴
 5/500/P&L

 AxlePak5⁵
 5/Unl/P&L

 AxlePak76
 7/Unl/P&L

- ¹ For brake components and ABS coverage, refer to appropriate product warranties.
- ² Includes hub, wheel seals and wheel bearings—all systems require annual inspections and proper documentation to ensure full coverage.
- ³ When installed by Meritor.
- ⁴ Requires approved hubcap stating PreSet by Meritor on hubcap face.
- When specified with AxlePak5 wheel end system, coverage on MTIS thru-tee and stator is 5/Unl/P, 1/Unl/L.
- When specified with AxlePak7 wheel end system, coverage on MTIS thru-tee and stator is 7/UnI/P, 1/UnI/L.

TAG/Pusher Axles¹

TQ, TQD, TR, TRD Beam and Brackets

5/750/P&L

Meritor Tire Inflation System

MTIS Components

5/Unl/P, 1/Unl/L

Trailer Air Suspension Systems

Major Structural Components 5/500/P, 1/100/L
Curbing Damage Warranty² 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

MPA20 (Single Axle Parallelogram)

PinLoc Air Controls

PinLoc Actuator

MPA40 (Tandem Axle Parallelogram)¹

 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 (Trailing Arm)

Major Structural Components5/500/P, 1/100/LHeight Control Valve1/100/P&LShock Absorbers2/200/P&LAir Springs and Rebound Straps2/200/P, 1/100/LBushings5/500/P, 3/300/L

- ¹ Fastener torque coverage is limited to 2/Unl/P&L when torqued by Meritor (For axle and ABS coverage, refer to appropriate product warranties.)
- ² "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 Systems¹

IMS40 (Integration Mechanical Suspension)²

Fastener Torque Coverage

2/Unl/P&L

1/100/P&L

3/300/P&L

- ¹ For axle coverage, refer to appropriate product warranties.
- ² All other suspension components refer to appropriate manufacturer's warranty.

¹ For brake components and ABS coverage, refer to appropriate product warranties.

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

¹ Can also be used with reduced steer angles in tag position in Coach applications.

Front Drive/Non-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-SD (SDA-2300)
MX-10-130-FV (FSD-10A)	MX-16-130-FV (FSD-16A)	MX-21-130-FV (FSD-21A)	MX-29-130-FV (FSD-29A)
MX-12-130-FV (FSD-12A)	MX-18-130-FV (FSD-18A)	MX-21-130-SD (SDA-2100)	
MX-13-130-FV (FSD-13A)	MX-18-130-SD (SDA-1800)	MX-23-130-FV (FSD-23A)	

Rear Drive Single Axles – 2/Unl/P&L

MS-17-13X	MS-21-13X	RC-22-145	RS-23-160	RS-26-185	RS-35-380
MS-17-14X	MS-21-14X	RC-22-145/A	RS-23-161	MS-26-616	
MS-19-13X	MS-21-144	RC-23-160	RS-23-185	MS-26-616-SP	
MS-19-14X	MS-23-17X	RC-23-161	RS-23-186	RS-30-185	
RS-17-144/145/A	RS-21-145/A	RC-23-162 ¹	RS-24-160	MS-30-616	
RS-19-144/145/A	RS-21-160	RC-23-165 ¹	RC-25-160	MS-30-616-SP	

^{1 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 RT-40-145/A RT-46-169 MT-58-616 RZ-188

RT-34-144/P/A MT-40-14H MT-44-14X/P MT-52-616 RT-58-185¹ MT-40-14T/P RT-44-145/P RT-52-185¹ MT-70-380

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

Rear Drive Axles - 1/Unl/P&L

RND-14H RND-16A

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

Transmission - 1/Unl/P&L

FAT 30

PTO - 1/Unl/P&L

MPT-170 MPT-185 MPT-500 MPT-543 MPT-565 MPT-1702 MPT-180 MPT-456 MPT-518

¹ 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.

GENERAL SERVICE WARRANTY INFORMATION

Brake Components

Cam Q Series Trailer Brakes	3/Unl/P, 1/Unl/L
Cam P ²	2/200/P
Cam	3/Unl/P
Q+ Drum Brake [™]	3/Unl/P&L
Q+ Drum Brake ^{™2}	2/200/P&L
ASA	3/Unl/P
ASA ²	2/200/P
Hubs/Cast Drums and Other Wheel-End Cor	mponents 1/Unl/P
Hydraulic Disc Brakes	1/Unl/P
All Other Brakes	1/Unl/P
STEELite X30 Drum Brake ^{™1}	12-Years or Wearable Life/P
EX+ Air Disc Brake™ ³	2/Unl/P&L

- ¹ Based on stamped wear diameter max.
- ² Applies to Tour Bus and Cross Country Coach only.
- ³ Warranty coverage for boots, seals, caps, bushings and pins is 2/200/P. Warranty coverage for pads is 1/100/P.

Trailer Axles¹

Beam and Brackets ²	5/Unl/P, 1/Unl/L
TPX4000 Axle Series ³	10/Unl/P, 1/Unl/L
Wheel End Systems ⁴	
Standard System ⁵	1/Unl/P&L
AxlePak5 ⁶	5/Unl/P&L
AxlePak7 ⁷	7/Unl/P&L
AxlePak10 ⁸	10/Unl/P&L

- ¹ For brake components and ABS coverage, refer to appropriate product warranties.
- ² 9000 Series is 3/Unl/P, 1/Unl/L
- 3 Structural components only excluding spindle wear. Spindle wear 5/Unl/P, 1/Unl/L.
- Includes hub, wheel seals and wheel bearings—all systems require annual inspections and proper documentation to ensure full coverage.
- ⁵ When installed by Meritor.
- ⁶ When specified with AxlePak5 wheel end system, coverage on MTIS thru-tee and stator is 5/Unl/P, 1/Unl/L.
- When specified with AxlePak7 wheel end system, coverage on MTIS thru-tee and stator is 7/UnI/P, 1/UnI/L.
- 8 AxlePak10 is limited to Intermodal Chassis applications equipped with TPX4000 series axles.

TAG/Pusher Axles¹

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

- ¹ For brake components coverage, refer to appropriate product warranties.
- ² 3/Unl/P&L if sold with PreSet by Meritor.

Trailer Air Suspension Systems¹

MPA40 (Tandem Axle Parallelogram)²

Major Structural Components	5/Unl/P, 1/Unl/L
Curbing Damage Warranty ³	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

Height Control Valve

Shock Absorbers

Air Springs and Rebound Straps

Syluni/P, 1/Uni/L

2/Uni/P, 1/Uni/L

2/Uni/P, 1/Uni/L

3/P, 3/L

MTA (Trailing Arm)

Major Structural Components

Height Control Valve

Shock Absorbers

Air Springs and Rebound Straps

Bushings⁴

5/Unl/P, 1/Unl/L

5/Unl/P, 1/Unl/L

5/Unl/P, 3/Unl/L

- ¹ For axle coverage, refer to appropriate product warranties.
- ² Fastener torque coverage is limited to 2/Unl/P&L when torqued by Meritor
- "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.
- ⁴ Raw wood applications 3/Unl/P, 1/Unl/L.

Trailer Mechanical Suspension Systems¹

IMS40 (Integration Mechanical Suspension)²
Fastener Torque Coverage

2/Unl/P&L

- ¹ For axle coverage, refer to appropriate product warranties.
- ² All other suspension components refer to appropriate manufacturer's warranty.

Meritor Tire Inflation System (MTIS)

MTIS Components 5/Unl/P. 1/Unl/L

HEAVY SERVICE/SPECIALTY VEHICLE WARRANTY INFORMATION

Heavy Service/Specialty Vehicles

- Airport Rescue Fire Fighting (ARFF)
- Airport Shuttle¹
- Asphalt Truck
- Block Truck
- Bottom Dump Trailer Combination
- Cementing Vehicle
- Commercial Pick-Up

1 Commercial chassis only

- 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 Bus¹
- 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

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

FD-965	MFS-6-162B	MFS-12-124A-N	MFS-13-143A-N	MFS-14-143A-N	MFS-22H-193A-N
FF-941	MFS-6-162C	MFS-12-132B-N	MFS-13-144A-N	MFS-14-144A-N	RF-16-145
FF-942	MFS-7-113C-N	MFS-12E-132B-N	MFS-13-155	MFS-16-122A-N	RF-21-160
FF-943	MFS-7-153C-N	MFS-12-132C-N	MFS-14-122	MFS-16-133A-N	MX-10-120
FF-944	MFS-7-163C-N	MFS-12E-132C-N	MFS-14-122B-N	MFS-16-135A-N	MX-10-120 EVO
FF-946	MFS-8-113B-N	MFS-12-143A-N	MFS-14G-122B-N	MFS-16-143A-N	MX-12-120
FF-961	MFS-8-153B-N	MFS-12-144A-N	MFS-14-122C-N	MFS-18-133A-N	MX-12-120 EVO
FF-966	MFS-8-163B-N	MFS-12-155	MFS-14G-122C-N	MFS-18-135A-N	MX-14-120
FF-967	MFS-10-122A	MFS-13-122	MFS-14-124A-N	MFS-18-192A-N	MX-16-120
FG-941	MFS-10-143A-N	MFS-13-122B-N	MFS-14-132B-N	MFS-18-193A-N	MX-18-120
FG-943	MFS-10-144A-N	MFS-13B-122B-N	MFS-14G-132B-N	MFS-20-133A-N	MX-17-140
FH-941	MFS-12-122	MFS-13-122C-N	MFS-14-132C-N	MFS-20-135A-N	MX-19-140
FH-946	MFS-12E-122	MFS-13B-122C-N	MFS-14G-132C-N	MFS-20-192A-N	MX-21-140
FL-941	MFS-12-122B-N	MFS-13-132B-N	MFS-14-142B-N	MFS-20-193A-N	MX-21-160
FL-943	MFS-12E-122B-N	MFS-13B-132B-N	MFS-14G-142B-N	MFS-22-135A-N	MX-23-160
MFS-6-151A-N	MFS-12-122C-N	MFS-13-132C-N	MFS-14-142C-N	MFS-22H-135A-N	MX-810
MFS-6-153B	MFS-12E-122C-N	MFS-13B-132C-N	MFS-14G-142C-N	MFS-22-193A-N	

Front Drive/Non-Drive Steer Axles – 1/Unl/P&L

MX-08-130-FV (FSD-08A) MX-10-130-FV (FSD-10A) MX-12-130-FV (FSD-12A) MX-13-130-FV (FSD-13A)

MX-14-130-FV (FSD-14A) MX-16-130-FV (FSD-16A) MX-18-130-FV (FSD-18A) MX-18-130-SD (SDA-1800)

MX-20-130-FV (FSD-20A) MX-21-130-FV (FSD-21A) MX-21-130-SD (SDA-2100) MX-23-130-FV (FSD-23A) MX-23-130-SD (SDA-2300) MX-29-130-FV (FSD-29A)

Heavy Service/Specialty Vehicle Typically Is:

HEAVY SERVICE/SPECIALTY VEHICLE WARRANTY INFORMATION

Rear Drive Axles - 2/Unl/P&L

MS-17-14X	RS-21-145	RS-23-160	RC-25-160	MS-30-616	RS-38-380
RS-17-144/145/A	RS-21-145/A	RC-23-161	RS-25-160	MS-30-616-SP	MT-58-616
MS-19-14X	RS-21-160	RS-23-161	MS-26-616	RS-30-185/380	MT-58-616-SP
RS-19-144	RC-22-145	RS-23-185	MS-26-616-SP	MS-35-380	
MS-21-14X	RC-23-160	RS-23-186/380	RS-26-185/380		
MS-21-114	RH-23-160	RS-24-160	RC-26-633		

Rear Drive Axles - 1/Unl/P&L

RND-14H RND-16A

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-543	MPT-1702
MPT-180	MPT-456	MPT-518	MPT-565	

Rear Drive Tandem/Tridem Axles - 2/Unl/P&L

MT-34-14X/P	RT-40-145/A	RT-46-169	MT-52-616-SP	MT-58-616-SP	MT-70-380
RT-34-144/P/A	MT-44-14X/P	RT-58-160	RT-52-185/380 ^{1,2}	RT-58-185/380 ^{1,2}	RZ-188
MT_40_14X/P	RT-44-145/P	MT-52-616	MT-58-616	RT-70-380	

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

Rear Drive Tandem/Tridem – 3/Unl/P&L

RT-40-160/P/A ³	RT-46-160/P/A ^{1,3}	RT-46-164/P ^{2,3}	RT-50-160/P/A ³	RZ-166

¹ U.S. only. Canadian warranty = 1/Unl/P for combination vehicles only.

² 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.

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

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

- ¹ Based on stamped wear diameter max.
- ² Applies to City Bus, Trolley, Shuttle Bus and Airport Shuttle only.
- ³ Warranty coverage for boots, seals, caps, bushings and pins is 2/100/P. Warranty coverage for pads is 1/100/P.

Trailer Axles¹

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

- ¹ For brake components coverage, refer to appropriate product warranties.
- ² 9000 Series is 3/Unl/P, 1/Unl/L
- ³ Includes hub, wheel seals and wheel bearings—all systems require annual inspections and proper documentation to ensure full coverage.
- ⁴ When installed by Meritor.

Trailer Air Suspension Systems¹

MTA (Trailing Arm)

Major Structural Components ²	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 ²	5/500/P, 3/300/L

- ¹ For axle coverage, refer to appropriate product warranties.
- ² Raw wood applications 3/Unl/P, 1/Unl/L

Trailer Mechanical Suspension Systems¹

IMS40 (Integration Mechanical Suspension)²

Fastener Torque Coverage

2/Unl/P&L

- ¹ For axle coverage, refer to appropriate product warranties.
- ² All other suspension components refer to appropriate manufacturer's warranty.

Meritor Tire Inflation System (MTIS)

MTIS Components 5/Unl/P, 1/Unl/L

Gearboxes - 1/Unl/P&L

MGX-279	MGX-378	MGX-448	MGX-480	MGX-536	MGX-560
MGX-280	MGX-380	MGX-450	MGX-487	MGX-537	MGX-562
MGX-285	MGX-384	MGX-451	MGX-488	MGX-538	
MGX-292	MGX-402	MGX-456	MGX-505	MGX-546	
MGX-314	MGX-410	MGX-466	MGX-514	MGX-547	
MGX-376	MGX-413	MGX-478	MGX-522	MGX-550	
MGX-377	MGX-423	MGX-479	MGX-527	MGX-555	

Transfer Cases - 1/Unl/P

MTC-2212-CV (306)	MTC-3120-FV (TC-143)	MTC-3206-CS (544)	MTC-3212-CV (315 and 548B)
MTC-3106-FV (TC-137)	MTC-3124 (T-2119)	MTC-3208-GV (RTC-50)	MTC-3312-FV (TC-270)
MTC-3111 (T-2111)	MTC-3203	MTC-3209-GV (MTC-60/380)	MTC-3220-FC (TC-142)
MTC-3112-CV (529 and 548C)	MTC-3205-GV (MTC-25/247)	MTC-3209-GV (RTC-60/380)	MTC-4206-FV (TC-38)
MTC-3116 (T-2111)	MTC-3205-GV (MTC-25/350)	MTC-3209-GV (MTC-60/420)	MTC-4208
MTC-3118-FV (TC-180 and TC-180-23)	MTC-3205-GV (RTC-25/350)	MTC-3209-GV (RTC-60/420)	MTC-4210
MTC-3118-CV (358)	MTC-3206-FV (TC-237)	MTC-3209-GV (RTC-60/484)	MTC-4213

FIRE AND EMERGENCY WARRANTY INFORMATION

Fire and Emergency Vehicles

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

Pumper

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-19140 MX-21140 MX-21160 MX-23160 MX-23810

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 ¹	

¹ 2/Unl/P&L if PreSet by Meritor.

Rear Drive Tandem/Tridem Axles - 5/Unl/P&L

MT-40-14X/P	RT-40-160/P	RT-46-160/P	RT-50-160/P	RT-52-185 ¹	RT-58-185 ¹
MT-40-144/P	MT-44-14X/P	RT-46-164/P	MT-52-616	MT-58-616	$MT-70-380^2$
RT-40-145/A	RT-44-145/P	RT-46-169			

¹ 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.

Brake Components

Cam	3/UnI/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 [™] 1	2/Unl/P&L

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

Drivelines

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

² 2/Unl/P&L

FIRE AND EMERGENCY WARRANTY INFORMATION

Transfer Cases - 1/Unl/P

MTC-2212-CV (306) MTC-3106-FV (TC-137) MTC-3111 (T-2111) MTC-3112-CV (529 and 548C) MTC-3116 (T-2111)

MTC-3118-FV (TC-180 and TC-180-23) MTC-3118-CV (358) MTC-3120-FV (TC-143) MTC-3124 (T-2119) MTC-3203

MTC-3205-GV (MTC-25/247) MTC-3205-GV (MTC-25/350) MTC-3205-GV (RTC-25/350) MTC-3206-FV (TC-237) MTC-3206-CS (544) MTC-3208-GV (RTC-50) MTC-3209-GV (MTC-60/380) MTC-3209-GV (RTC-60/480) MTC-3209-GV (MTC-60/420) MTC-3209-GV (RTC-60/420) MTC-3209-GV (RTC-60/484) MTC-3212-CV (315 and 548B) MTC-3312-FV (TC-270) MTC-3220-FC (TC-142) MTC-4206-FV (TC-38) MTC-4208 MTC-4210

MTC-4213

PTO - 1/Unl/P&L

MPT-170 MPT-185 MPT-500 MPT-543 MPT-565 MPT-1702 MPT-180 MPT-456 MPT-518

TRANSIT BUS WARRANTY INFORMATION

Transit Bus Vehicles

Airport Shuttle

Commuter Coach

City Bus

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-941¹ MFS-12-155 MFS-13-155

Rear Drive Single Axles – 5/300/P&L

RS-23-160 71163 79163 RC-23-162¹ RC-23-165¹ RS-21-160

RC-23-161

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-538 MGX-562

Brake Components

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

¹ Applies to City Bus, Trolley, Shuttle Bus and Airport Shuttle only.

Drivelines

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

¹ Commuter coach only – 2/Unl/P&L

¹ Commuter coach only – 2/Unl/P&L

Warranty coverage for boots, seals, caps, bushings and pins is 2/100/P. Warranty coverage for pads is 1/100/P.

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 - 943	MFS-12-144A-N	MFS-16-133A-N	MFS-18-193A-N	MFS-22-135A-N
FF - 943	FL - 941	MFS-13-143A-N	MFS-16-135A-N	MFS-20-133A-N	MFS-22H-135A-N
FF - 961	FL - 943	MFS-13-144A-N	MFS-16-143A-N	MFS-20-135A-N	MFS-22-193A-N
FF - 966	FN - 951	MFS-14-143A-N	MFS-18-133A-N	MFS-20-192A-N	MFS-22H-193A-N
FG - 941	MFS-12-143A-N	MFS-16-122A-N	MFS-18-135A-N	MFS-20-193A-N	MON-ZO FAMILY

Rear Drive Axles - 1/Unl/P

MT-14X ¹	RS-23-186	RS-23-380	RS-24-160	RS-30-185	RS-30-380	RT-145 ¹	RT-160 ¹
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¹ 2/Unl/P for LO/LO Terminal Tractor applications

Gearboxes – 1/Unl/P&L

MGX-240	MGX-292	MGX-380	MGX-456	MGX-505	MGX-522	MGX-534	MGX-546
MGX-279/	MGX-314	MGX-384	MGX-478	MGX-506	MGX-524	MGX-536	MGX-550
MGX-279D	MGX-376	MGX-402	MGX-480	MGX-514	MGX-527	MGX-537	
MGX-280	MGX-377	MGX-413	MGX-487	MGX-519	MGX-528	MGX-541	
MGX-285	MGX-378	MGX-448	MGX-488	MGX-520	MGX-533	MGX-545	

Transfer Cases - 1/Unl/P

C-3120-FV (TC-143)	MTC-3206-CS (544)	MTC-3212-CV (315 and 548B)
C-3124 (T-2119)	MTC-3208-GV (RTC-50)	MTC-3312-FV (TC-270)
C-3203	MTC-3209-GV (MTC-60/380)	MTC-3220-FC (TC-142)
C-3205-GV (MTC-25/247)	MTC-3209-GV (RTC-60/380)	MTC-4206-FV (TC-38)
C-3205-GV (MTC-25/350)	MTC-3209-GV (MTC-60/420)	MTC-4208
C-3205-GV (RTC-25/350)	MTC-3209-GV (RTC-60/420)	MTC-4210
C-3206-FV (TC-237)	MTC-3209-GV (RTC-60/484)	MTC-4213
	-3124 (T-2119) -3203 -3205-GV (MTC-25/247) -3205-GV (MTC-25/350) -3205-GV (RTC-25/350)	-3124 (T-2119) MTC-3208-GV (RTC-50) -3203 MTC-3209-GV (MTC-60/380) -3205-GV (MTC-25/247) MTC-3209-GV (RTC-60/380) -3205-GV (MTC-25/350) MTC-3209-GV (MTC-60/420) -3205-GV (RTC-25/350) MTC-3209-GV (RTC-60/420)

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

Planetary Axles – 1/Unl/P

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

Drivelines - 1/Unl/P

RPL MXL

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TERMS AND CONDITIONS

Coverage Exclusions

Product Description

AII

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

King Pin Bushings.

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

AII

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 I 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/UnI/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,

