



## HOW TO OBTAIN PRODUCT SUPPORT/ WARRANTY SERVICE

Thank you for choosing Matthews Specialty Vehicles. We are honored to be your trusted partner in bringing your specialty vehicle vision to life. Your decision to work with Matthews means you've invested in quality, innovation, and expert craftsmanship. We value your business and look forward to supporting you long after delivery through our dedicated Product Support Team.

Each Matthews Specialty Vehicle is built to the highest standards in the industry, using premium components designed for reliability and performance. If you have any questions about your specialty vehicle—rest assured, help is just a phone call away. Our Product Support Team is here not only to assist with warranty-related matters, but also to provide ongoing support, including operator training, maintenance guidance, and access to technical documentation.

Matthews Specialty Vehicles should be your first call for all things related to your specialty vehicle. Our Product Support Team will serve as your primary resource—addressing concerns, identifying appropriate service and maintenance procedures and vendors, and determining which warranties apply to specific components. We're committed to delivering fast, accurate, and efficient resolutions to ensure your vehicle stays mission-ready and operating at its best.

### Contact the MSV Product Support Department:

**PHONE: (336) 790-5509**

**EMAIL: [customercare@msvehicles.com](mailto:customercare@msvehicles.com)**

\*Please have the (VIN) Vehicle Identification Number when calling or emailing your support request.



# GUIDELINES

1. All claims must be pre-approved before any work is performed. Call MSV's Product Service Department at (336) 790-5509, Monday through Friday, 8:00AM-5:00PM EST.
2. Any warrantable event of an "emergency" nature, occurring after normal business hours, must be reported within three business days of the occurrence for authorization.
3. MSV's standard limitation of warranty liability including diagnostics is \$200. Any warranty repair for which it is likely that total charges, including diagnostics, parts, and labor, will exceed \$200 must be accompanied by a written estimate that must also be pre-approved prior to any such work being performed. Approval of any such estimate will be at the sole discretion of MSV.
4. All invoices for warranty repairs and any return parts must be received no more than 30 days after the approval date, regardless of when the Warranty Period expires. A credit will be issued only after returned parts are received. Extenuating circumstances must be dated and documented and will be considered on a case-by-case basis.
5. MSV reserves the right to repair, replace, or provide a comparable replacement for defective parts. Furthermore, MSV also reserves the right to decide from whom such a warranty part may be obtained, whether from MSV, a local vendor, service facility, or parts supplier.
6. MSV also reserves the right to authorize a third-party service provider, or to schedule a factory-trained Service Representative to make warranty repairs.
7. MSV shall **not be liable for work performed by sub-contracted third-party service providers**. It is the individual vendor's responsibility to guarantee its own services.
8. No provisions stated, implied, or otherwise shall be made herein for consequential, collateral, or incidental expenses including, but not limited to transportation, towing, service calls, lodging, meals, or any other down-time related expenses.
9. MSV will issue the Original Purchaser a credit for warranty related shipping charges after returned parts are received and evaluated. Shipping credit will **NOT** be issued for any part that has been returned without proper authorization, nor if the part is found to be non-defective, or if it is found to be defective as the direct or indirect result of misuse, abuse, neglect, or unauthorized modification.





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## Limited Conversion Warranty and Warranty Disclaimer

### 1. LIMITED WARRANTY

MATTHEWS SPECIALTY VEHICLES ("MSV") Hereby warrants its Specialty Vehicle Conversions ("Product") to the original purchaser in new and renewed specialty applications in the United States of America or Canada. Warranty offered herein applies ONLY to defects in material and workmanship of the up-fitting by MSV, with the decision to repair or replace parts or components covered to be at the sole discretion of MSV.

### 2. WARRANTY PERIOD

MSV Product furnished is warranted for a period of 12 months (1 year), without limitation to system operating hours or vehicle distance traveled, when placed in new and renewed specialty vehicle applications. Warranty for new conversions shall begin on the same day the chassis and body manufacturer's warranty commences.

### 3. WARRANTY COVERAGE

This warranty specifically covers all parts of the conversion either manufactured by, or installed under the direction of MSV, such as, but not limited to: A.C. wiring system and lighting (power lines), all interior and exterior cabinet and woodwork including shelving and hardware, floor coverings and seating. Any part repaired or replaced under this warranty will remain under warranty until the end of the original warranty period as described in 2 above or for 60 days from the date of repair or replacement, whichever is longer. The structural chassis and body portions of the vehicle, generator(s), audio/video equipment, telephones, air conditioners, and heaters on your vehicle are covered by separate warranties offered by their respective manufacturers with service and repairs available from their respective manufacturer's service providers. Some major Power Train components such as, but not limited to, Engines, Transmissions, and Tires are subject to the terms, conditions, and limitations of their respective manufacturer's warranty offerings, including requirements for obtaining service and repairs.



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#### **4. ITEMS NOT COVERED BY WARRANTY**

This Extended Warranty offering SPECIFICALLY DOES NOT COVER the normal wearing of parts and / or components over time and use, failures as a result of long-term wear, or normal operating expenses associated with such items. This Extended Warranty offering SPECIFICALLY DOES NOT COVER parts or portions of the vehicle covered by other manufacturers warranty offering, such as, but not limited to: structural chassis and body, engine transmission and / or tires. Excluded from this warranty are MSV Products modified in any way without prior written approval from MSV disassembled or tampered with by anyone other than MSV, or an MSV Authorized Service Provider, and products damaged by negligence, misuse, abuse, chemical corrosion, fire, water, explosion, vandalism, or damaged in the commission of a crime. Products damaged by the original purchaser or any third party including a vehicle dealer or service facility while performing work, are not warranted by MSV. MSV shall not be liable for work performed by sub-contracted third party service providers. It is the individual vendor's responsibility to guarantee its own services. Product failures as a result of an Act of God, such as, but not limited to: lightning, earthquake, windstorm, tornado, hurricane, or flood, are NOT covered. MSV has a formal company policy to continually improve the design and reliability of all of its products. Should the design of the product purchased be changed or modified at some future date, MSV has no obligation or duty to "upgrade" the product purchased to a new design or specification standard under this warranty.

#### **5. OBTAINING WARRANTY SERVICE**

Warranty service for items covered by MSV must be performed by either MSV or a MSV Authorized Service Provider. All warranty claims, regardless of how or where made, shall be within the stated warranty period. Individual applying for warranty service shall provide proper documentation that he (or she) is both the original owner and date Warranty commenced. All warranty work must be pre-approved by an authorized representative of MSV. Authorized representative must give an authorization number to the customer at the time of pre-approval. Authorization number must be included on all related documentation, invoices, etc., in order to be processed. Documentation submitted with incomplete information will result in delays to the payment of the claim until such information can be obtained and processed. Any claim submitted without proper authorization shall be subject to rejection at the sole discretion of MSV.

Any warrantable event of an "emergency" nature, occurring after normal business hours, must be reported for approval and to obtain an authorization number within three business days of the occurrence. The standard limitation of warranty liability including diagnostics is \$200. Any warranty repair for which it is likely that total charges including diagnostics, parts, and labor, will exceed \$200 must be accompanied by a written estimate that must also be pre-approved prior to any such work



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being performed. Approval of any such estimate will be at the sole discretion of MSV. Any invoices for warranty repairs and any return parts must be received no more than 3 days after the approval date, regardless of when the Warranty Period expires. A credit will be issued only after returned parts are received. Extenuating circumstances must be dated and documented, and will be considered on an individual case-by-case basis MSV reserves the right, at its option, to repair, replace, or provide a comparable replacement for defective parts. Furthermore, MSV also reserves the right to decide from whom such a warranty part may be obtained, whether from MSV, a local vendor, service facility, or parts supplier. MSV also reserves the right, at its option, to authorize a third-party service provider, or to schedule a factory-trained Service Representative to make warranty repairs. MSV will issue the Original Purchaser credit for warranty related shipping charges after returned parts are received and evaluated. Shipping credit will NOT be issued for any part that has been returned without proper authorization, if the part is found to be non-defective, or if it is found to be defective as the direct or indirect result of misuse, abuse, neglect, or un-authorized modification. (See Section 4)

## **6. COMPLETE WARRANTY**

THE WARRANTY OFFERED AND DESCRIBED HEREIN IS THE COMPLETE WARRANTY FOR THE PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OR MERCHANTABILITY OF FITNESS OR ABILITY TO SUCCESSFULLY PERFORM A SPECIFIC PURPOSE OR JOB APPLICATION; AND MSV HEREBY DISCLAIMS AND BUYER (Whether OEM, Dealer, or Purchaser) HEREBY WAIVES ANY OBLIGATION, LIABILITY, RIGHT, CLAIM, OR DEMAND IN CONTRACT, TORT, (INCLUDING NEGLIGENCE), STRICT LIABILITY, PATENT INFRINGEMENT, OR OTHERWISE WITH RESPECT TO THE MSV PRODUCT FURNISHED.

## **7. COLLATERAL, CONSEQUENTIAL, INCIDENTAL, OR SPECIAL DAMAGES**

MSV shall not be liable for collateral, consequential, incidental, or special damages or losses beyond the repair or replacement of defective products under the terms of this warranty. Such collateral, consequential, incidental, or special damages or losses include, but are not limited to: damage to or loss of a vehicle or any portion thereof, labor expenses or loss of profits arising out of inability to use the vehicle, downtime expenses such as service calls, rental vehicles, towing costs, lodging, meals, or any other type of downtime related expenses.

SPECIAL NOTE: Some U.S. states and Canadian provinces may not allow the limitation of collateral, consequential, incidental or special damages. Purchasers may have additional rights to the rights described and stated in this warranty that are provided by various state or provincial laws.

## **8. AUTHORITY TO CHANGE OR MODIFY WARRANTY**



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The warranty described and defined herein can only be changed or modified by MSV personnel. This would include all terms, conditions, limitations, rights, or obligations. MSV Authorized Dealers and Service Providers have no authority to change or otherwise modify any part of this warranty offering. Warranty changes or modifications shall come ONLY from MSV on an individual case-by-case basis, with any and all such changes or modifications made in writing and signed and dated by appropriate MSV management and fully describe exactly which section is being changed or modified, and in what manner. All MSV products sold under the terms, conditions, and limitations of this warranty shall be subject only to this warranty. Should MSV offer a different warranty in the future, it shall apply only to products sold when it is effect, and the terms, conditions, and limitations of this warranty will not be transferable or subject to upgrade.

# Time and Distance Table

## 1.1 TBB EF-EFX Non-School Bus

Coverage <sup>1</sup>		
Chassis Components	Time <sup>2</sup>	Distance <sup>2</sup>
Emission Regulations <sup>3</sup>		
GHG17/21 <sup>4</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks)	5 Years	100,000 mi/161 000 km
GHG17/21 <sup>4</sup> Tire (File Direct)	2 Years	24,000 mi/38 400 km
Front/Steer Axle <sup>5</sup>		
Detroit <sup>6</sup>	3 Years	Unlimited
TBB (Non-Detroit)	3 Years	Unlimited
Rear/Drive Axle <sup>7</sup>		
Detroit <sup>6</sup>	3 Years	Unlimited
TBB (Non-Detroit)	3 Years	Unlimited
TBB Basic Chassis (Type D-EF/EFX)	1 Year	Unlimited
TBB Chassis Paint (Type D)	5 Years	Unlimited
TBB Engine (Accessory Equip.)	2 Years	Unlimited
TBB Frame (Incl. Driver's Area and Misc. Sheet Metal)	3 Years	Unlimited
TBB Fuel Tank and Mounting	2 Years	Unlimited
TBB Manufactured Components	2 Years	Unlimited
TBB Suspension Brackets	2 Years	Unlimited
TBB Towing	6 Months	Unlimited
<b>Body Components</b>		
TBB A/C System	2 Years	Unlimited
TBB Basic Body (Type D-EF/EFX)	1 Year	Unlimited
TBB Manufactured Components	2 Years	Unlimited
TBB Miscellaneous (Accessories, Compartments, etc.)	2 Years	Unlimited
TBB Paint	5 Years	Unlimited
TBB Passenger Doors	2 Years	Unlimited
TBB Seat and Barrier Frames	3 Years	Unlimited
TBB Seats, Barriers, and Stanchions	2 Years	Unlimited
TBB Storm Glass and Windows	2 Years	Unlimited
TBB Structure and Sheet Metal	3 Years	Unlimited
TBB Towing	6 Months	Unlimited

<sup>1</sup> Because Warranty coverage is determined by a unit's specifications, gross combination weight rating, road surface, and vocation, coverage may vary. For unit-specific coverage, Dealers should enter a product serial number or vehicle identification number on the *Coverage Info* screen in OWL; for customers without access to OWL, see ordering Dealer for more information.

<sup>2</sup> Time or distance, whichever comes first.

<sup>3</sup> See *Emission Regulations* subsection that follows or separate engine owner's manual for regulatory information.

<sup>4</sup> Applies to models 2013 and later domiciled in the United States and Canada.

<sup>5</sup> Customers will have only one (1) type of front/steer axle coverage, either Detroit or TBB, depending on how the unit is spec'd.

<sup>6</sup> Access Detroit parchments at *DTNACconnect > Warranty Lit > Coverages > Detroit*; for customers without access, see ordering Dealer for more information.

<sup>7</sup> Customers will have only one (1) type of rear/drive axle coverage, either Detroit or TBB, depending on how the unit is spec'd.

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# Coverage Descriptions

Based on a unit's specifications, New Product Limited Warranty (Warranty) coverage applies. For unit-specific coverage information (time/distance amounts and component descriptions), enter a product serial number or vehicle identification number (VIN) on the *Check Info/Check Coverage* screen in Online Warranty Link (OWL). Use time and distance tables in conjunction with the coverage description paragraphs; if a coverage is applicable, it will be included as a row in the table.

## Chassis Components

### 2.1 Axles

#### Front/Steer Axle

##### Detroit

A steer axle is non-powered. Coverage includes all axle components supplied/manufactured by Detroit Diesel Corporation (Detroit). Warrantable components could include, but not be limited to, I-beam, steering knuckles, spindles, kingpins, kingpin bearings, and steering arms. Tie rod assembly and boots may have a different coverage period; see specific coverage row. *Excluded components could include, but not be limited to, wheel end equipment and steering linkage components.*

##### Thomas Built Bus (TBB)

A front/steer axle can be a front powered or non-powered axle. Coverage applies to non-Detroit axles; includes axle (front), non-driving front axle: steering arm, fitting (zerk), front axle, beam, king pin and bushings, steering knuckle, and king pin seal.

#### Rear/Drive Axle

##### Detroit

A rear drive axle can be a single or tandem axle configuration. Coverage includes all axle components supplied/manufactured by Detroit. Warrantable components could include, but not be limited to, axle housing, carrier assembly, differential assembly, power divider, and axle shafts. Seals and gaskets may have a different coverage period; see specific coverage row. *Excluded components could include, but not be limited to, suspension and torque rod brackets, wheel end equipment, wiring, yokes, and attaching hardware.*

##### TBB

A rear axle could be a drive, non-drive, or tandem axle. Coverage applies to non-Detroit axles; includes axle (rear), basic axle components: carrier, companion flange/yoke, carrier gasket, axle housing, axle carrier components: internal bearings, limited slip differential gears/bushings/cross, axle gear set: ring gear bolt, helical gears, planetary gears, ring and pinion gears, shafts and seals: helical drive gear shaft.

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## 2.2 TBB Basic Chassis (Type D - EF/EFX)

Coverage includes all factory-installed components of the body that are not excluded elsewhere in the Warranty, by special agreement, or described as having a different time or distance, or listed separately on each new vehicle coverage table.

Coverage includes air compressor and governor, air compressor mounting bracket, air valves, air cleaner (except element), body (gasket), mounting bracket and bolts, alternators, alternator mounting bracket, alternator assembly, air throttle (including all components), air dryers, battery (prorated after 12 months), battery cables, clean power cable (battery to Trans), clean power cable (battery to cab), clean power cable (battery to engine), drive-line, slip joint boot/clamp, universal joint, drive shaft, yoke/spline, bearing, bearing mounting, electrical system, ESC controller, programming, Electronic Control Module (ECM), exhaust system, muffler: basic assembly, mounting bracket/support, guard/heat shield, pipes: mounting bracket/support, stack cap, guard/heat shield, tail pipe, exhaust pipe and flange, crossover pipe, flex pipe, mitigator, fan drive and clutch, engine fans: fan blade assembly, fan clutch control, on/off fan drive, viscous fan drive, fan pulley, relay/magnetic switch, fan shaft and mounting (for all gear driven fan hug assembly), solenoid, temperature switch, fan system – hydraulic, fuel system (including hoses and lines), air inlet system: air intake grille, air inlet box/water separator, stack mounting bracket, air inlet cap/scoop, air inlet temperature control system, air restriction indicator, air inlet pipe, fuel tanks: mounting bracket and bolts, filler neck/cap and gasket, finish (metal), crash guard, tank body, fuel outlet tube, fuel tank valve/control, air vent, horns, hubs (front and rear, bearings and seals), instruments, electronically operated: bezel/cover plate, circuit board/instrument gauge, fuel level gauge, oil pressure (electrical) gauge, other gauge, rear axle oil temperature gauge, electrical speedometer (electrical) gauge, tachometer (electrical) gauge, transmission oil temperature gauge, voltmeter gauge, harness, PDM distribution harness, hour meter, ammeter module, odometer programming air pressure sender, fuel level sender, other sender, transmission oil temperature sender, speedometer/tachometer dip switch (reprogramming only), tachometer/trip recorder (electronically driven), diesel exhaust fluid (DEF) sender, oil coolers, radiators, radiator mounting brackets, surge tank, surge tank mounting brackets, speedometer, speedometer/tachometer circuit, housing, electrical, speedometer (electrical) gauge, speedometer/ tachometer dip switch (programming only), starter, cranking system: harness, PDM distribution harness, starter motor, relay/magnetic switch, starter motor solenoid, clutch switch, key/ignition switch, springs, springs/suspension: air bag assembly, rubber biscuit (shear or compression), center bolt, spring bracket assembly, shock absorber mounting bracket, control (air suspension only), rear suspension crossmember, equalizer/rocker arm and bushing, spring leaf assembly, pins and bushing shackles, lift spring, axle stop, sway bar assembly, torque arm and bushing assembly, trailing arm and bushing assembly, walking beam and bushing assembly, shocks, shock absorber, mounting bracket, steering, pitman arm, steering gear bracket/mounting, steering column assembly and mounting, steering shaft coupling/u-joint, cylinder assembly and valves, power steering pump mounting gasket, steering gear assembly, drag link, pulley, pump assembly, reservoir assembly, pump seals, steering gear seals, control valve, telescoping steering wheel mechanism, tilt steering wheel mechanism, steering wheel, transmission (manufacturer's warranty applies), wheel end equipment, brake components, wheels, hubs, drums, rotors, wheel seals, bearings, slack adjusters, attaching hardware, backing plate/anchor/dust shield, brake chamber bracket, caliper chamber, chamber diaphragm, wheel brake actuating linkage/cam/camshaft, brake spider, brake shoe return spring (excludes wear), engine mounts (brackets), front mount/bolt, rear mount/bolt.

*Excludes Allison transmissions; for Allison transmission claims, please file direct with Allison.*

## 2.3 TBB Chassis Paint (Type D)

Coverage includes frame and crossmembers.

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## 2.4 TBB Engine (Accessory Equipment)

Coverage includes brackets and isolators.

## 2.5 TBB Frame (Including Driver's Area and Miscellaneous Sheet Metal)

Coverage includes crossmembers, rear suspension, gussets, and huck-mounting bolts that attach gussets to crossmembers and gussets/crossmembers to frame rails (excluding any bolt-on item attached with either conventional or huck bolts), frame rails, frame side rail, reinforcements and gussets, frame rail liners, frame rail extension, s-rails, and any items factory welded to them.

## 2.6 TBB Fuel Tank and Mounting

Coverage includes fuel tanks, mounting bracket and bolts, crash guard, and tank body.

## 2.7 TBB Manufactured Components - Chassis

Coverage includes only TBB manufactured components.

## 2.8 TBB Suspension Brackets

Coverage includes suspension brackets.

## 2.9 TBB Towing

Coverage includes maximum payment as displayed, per occurrence, for towing for a defect in material and workmanship of a component that prevents the safe and lawful operation of the vehicle. Currency exchange rate does not apply. Maximum payment as displayed no matter the currency. Reimbursement maximum: \$250 per occurrence.

If towing is associated with a DTNA warrantable failure, towing charges must be on the same claim. Reimbursement of 0.5 hour (SRT 939-6020A) to reinstall drivelines if tow company has removed, but not reinstalled, the driveline and the vehicle has and is within the tow coverage.

## Body Components

### 2.10 TBB A/C System (TBB Installed)

Coverage includes air conditioning (A/C): A/C electrical control panel, accumulator/dryer, air conditioner O-ring, compressor clutch, rotary compressor, condenser, fan condenser, air conditioning ducting, evaporator, A/C fitting/pipe, A/C hose, motor, relay/magnetic switch, high side Schrader valve, low side Schrader valves, refrigerant pressure sensor, switch, high pressure switch, low pressure switch, inlet thermistor, outlet thermistor, orifice tube, expansion valve, water valve (internal to the dash mounted A/C-heat unit), and blower wheel.

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## 2.11 TBB Basic Body (Type D - EF/EFX)

Coverage includes all factory-installed components of the body that are not excluded elsewhere in the Warranty, by special agreement, or described as having a different time or distance, or listed separately on each new vehicle coverage table.

Includes air operated components, dash panels, dash plastic, dash switch plates, door controls, doors: air controls, electric controls, manual controls, hold back devices, emergency rear doors, emergency side doors, entrance doors, lift-single/double doors, door handles, hinges, door locks, air pump, vandalokeys, door locks, latches, electrical motors, motor/door-air distribution actuator, motor/door-blend air actuator, resistor block, core (heater), air conditioner/heater/defroster ducting, defroster fan, harness, under bus to rear HVAC hose, HVAC control module, motor, mounting/housing (main case) relay/magnetic switch, switch (ether start), radiator fan/shutter override switch, blower wheels, floor covering, step treads, floor plywood, plywood fastening, window frame (excludes glass), windows, push out window, stationary windows, split sash window, split sash storm window, heater cores, cable control, heater core, hose covers/trim, defroster duct, driver's heater, defroster fan, mid-ship heater, heater motor, rear heater, stepwell heater, lights, back-up light, clearance light, directional light, directional side light, dome light, headlights, license plate light, marker light, stop/tail light, stop light, strobe light, warning light, (excludes all bulbs and fading lenses), cowl mount mirror, cross view mirror, rear mount mirror/rear view mirror, heated mirror, inside rear view mirror, seals (windows & doors), seats, anchors, barriers, driver's seat, flipseat, passenger seat/frame (soft goods), lifts & panels, modesty panels, ceiling assist rail, shields, stanchions, wheel chair tie downs, wheel chair lift units, switches, master solenoid disconnect, electrical panel, flashers, fuse panel, harness (wires, connectors, and terminals), body options external (engine) harness, dash harness, flasher plate harness, flasher to cowl harness, front cap harness, front end harness, left hand body harness, LH switch panel harness, overhead switch panel harness, power distribution (on flasher plate) harness, rear cab harness, RH switch panel harness, right hand body harness, horns, light monitors, strobe power packs, visors, safety equipment: backing alarms, child check mate, destination signs, sun visors, wig-wag, vandalokey system, warning devices, clasher modules, child reminder system, driver alert sign, stop arms, walk gates, back up alarms, windshield wipers, drive motor, washer, washer bottle, wiper controls, wiring, wiring harness, wiring harness brackets, cables, connectors, A/C system (TBB installed), A/C electrical control panel, accumulator/dryer, air conditioner O-ring, compressor clutch, rotary compressor, condenser, fan condenser, air conditioning ducting, evaporator, A/C fitting/pipe, A/C hose, motor, relay/magnetic switch, high side Schrader valve, low side Schrader valves, refrigerant pressure sensor, switch, high pressure switch, low pressure switch, inlet thermistor, outlet thermistor, orifice tube, expansion valve, water valve (internal to the dash mounted A/C-heat unit), blower wheel, radios, radio-entertainment (only applicable if factory installed), harness, radio-basic assembly, speaker, and fiberglass components.

## 2.12 TBB Manufactured Components - Body

Coverage includes compartments, battery compartment, designation sign compartment, electrical access compartment, luggage compartment, tool compartment, bumper system, bracket or mounting, bumper, bumper fascia, bumper frame, body-inside, metal bulkheads, grab rails, luggage rack assembly, luggage rack pads, luggage rack mounting, and metal interior trim.

## 2.13 TBB Miscellaneous (Accessories, Compartments, Etc.)

Coverage includes roof insulation, side wall insulation, bulkhead, rafter cavity, plastic trim, and storm sash.

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## 2.14 TBB Paint

Coverage includes all components painted by TBB. *Excludes fading.*

## 2.15 TBB Passenger Doors

Coverage includes door shells and hinges.

## 2.16 TBB Seat and Barrier Frames

Coverage includes passenger seat frame, barrier frames, and seat back panels.

## 2.17 TBB Seats, Barriers, and Stanchions

Coverage includes barrier foam, barrier upholstery (sewing, stapling, etc.) armrest, seat foam/springs, seat upholstery (sewing, stapling, etc.), moms seat, flip mech., plywood, and seat track (including related hardware).

## 2.18 TBB Storm Glass and Windows

Coverage includes all storm windows and frames. *Excludes glass breakage.*

## 2.19 TBB Structure and Sheet Metal

Coverage includes belt line angle, door header, exterior sheet metal, trim, left and right exterior side sheets, fenderette (steel), floor sheets, floor panels, front assembly sheet metal, headlining, inside side lining, interior sheet metal trim, main body door post and capping, outriggers, pilaster, rafter, rafter reinforcement, rear assembly sheet metal, roof rails, roof sheets and hoods, rub rails, seatrail, floor rail, entrances stepwell, under floor angle, channel, cross tube, vestibule floor, front and rear wheel house, window header, structural adhesives, sheet metal protection, and rust perforation. *Excludes fiberglass components.*

## 2.20 TBB Towing

Coverage includes maximum payment as displayed, per occurrence, for towing for a defect in material and workmanship of a component that prevents the safe and lawful operation of the vehicle. Currency exchange rate does not apply. Maximum payment as displayed no matter the currency. Reimbursement maximum: \$450 per occurrence.

If towing is associated with a DTNA warrantable failure, towing charges must be on the same claim. Reimbursement of 0.5 hour (SRT 939-6020A) to reinstall drivelines if tow company has removed, but not reinstalled, the driveline and the vehicle has and is within the tow coverage.

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# New Product Limited Warranty Statements

The following section outlines standard Limited Warranty (Warranty) statements for all new Daimler Trucks North America LLC (DTNA; Company) products sold by DTNA and domiciled in the USA (50 states and Washington, D.C.) and Canada. As necessary, information below may be divided by DTNA product type (vehicle/axle); this information is also included in the applicable Owner's Warranty Information Booklet.

Based on a product's specifications, Warranty coverage varies. For product-specific coverage information (time/distance amounts and component descriptions), enter a product serial number or vehicle identification number (VIN) on the *Coverage Information* screen in the OWL. General time/distance amounts and coverage descriptions are available by DTNA brand at *DTNAConnect > Warranty Lit > Other Warranty Documents > Coverages*.

## 3.1 New Vehicle Limited Warranty Statement

Under this New Vehicle Limited Warranty, DTNA warrants that each new vehicle will be free from defects in material and workmanship that occur under normal use within the applicable Warranty period, subject to certain limitations and exclusions as specified in this document.

This Limited Warranty applies only to new vehicles sold by an Authorized DTNA Service Location or ordered directly from DTNA; vehicles sold at auction or as a result of repossession retain the Warranty coverage from the original in-service date or factory invoice date if the vehicle has not been warranty registered.

DTNA reserves the right to reduce or remove coverage on vehicles in salvage condition.

This Warranty covers all components and parts unless specifically covered by other warranties or otherwise excluded by this document.

## 3.2 New Powertrain Component Statements

Engine components are covered by two types of warranties, the standard Limited Warranty and the Emission Control Systems Warranty, a requirement of the U.S. (Federal) Clean Air Act and Canada Motor Vehicle Safety Act. Axle and transmission components are covered by the standard Limited Warranty.

## New Powertrain Component Limited Warranty

The New Product Limited Warranty covers product repairs to correct any malfunction occurring during the Warranty period resulting from defects in material or workmanship. This Limited Warranty applies to the first retail purchaser and subsequent retail owners during the applicable Warranty period of new powertrain components manufactured by Detroit Diesel and/or supplied by Detroit Diesel or Detroit Diesel of Canada Limited (all which are collectively referred to as Detroit), subject to certain limitations and exclusions as specified in this document.

The Warranty period begins on the date the product is delivered to the first retail purchaser or put in use prior to sale at retail, whichever occurs first, and ends at the specified time or distance limits.

The cost of service supplies which are not reusable due to needed repairs is covered by this Warranty. Reasonable towing costs to the nearest authorized service facility are covered when due to warrantable failure, the powertrain component is either inoperable, cannot be safely operated, or continued operation would cause further damage to the product. Detroit will pay reasonable travel expenses for the repairing mechanic to travel to and from the repair site.

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## Engine Major Component Warranty Coverage

Engine major component warranty covers casting defects. Casted engine major components are: cylinder block/head, crankshaft, camshaft, main bearing bolts, flywheel housing, connecting rod assemblies, oil cooler housing, oil coolant module casting, water pump housing, and air inlet housing. Coverage is for the failed engine major component only; labor and additional parts are excluded. Progressive damage is limited to only the engine major component(s) affected by the failure.

Engines used in the on-highway application may carry longer coverage on engine major components; review the applicable Warranty parchment for coverage:

- MBE4000, Series 60, DD13, DD15, DD16 diesel fueled engines in on-highway applications (on-highway refers to a truck or coach designed and used to carry passengers and/or cargo, primarily on streets or paved highways)

## Emission Control Systems Warranty

For detailed information about product compliance with U.S. and Canadian law regarding design, build, and equipment, see the [Emission Regulations \(Diesel Vehicles\)](#) section. Please note that emission-related components no longer covered under the Limited Warranty described above may still be covered under the Emission Control Systems Warranty.

### Certified Engines and Engine Parts

The Warranty period shall begin on the date the vehicle is delivered to the first retail purchaser or, if the vehicle is first placed in service as a demonstrator prior to sale at retail, on the date the vehicle is first placed in such service. Emission related defects in the genuine Company components listed in the [Emission Regulations \(Diesel Vehicles\)](#) section, including reasonable related diagnostic costs, are covered by this Warranty.

Covered components and component terminology varies from engine to engine. Some scheduled maintenance is required (refer to the Owner's Emission Control Maintenance Service Chart which is included in the Warranty Information booklet). Please check the specific Warranty Information Booklet to determine which components are covered by the emissions control systems warranty.

Service Locations should refer to the applicable Engine Warranty Information booklet to determine if a particular component is covered by the Emission Control Systems Warranty, as the components covered differ on each engine type as well as from year to year.

## 3.3 Limitations

This Warranty does not apply to products that are sold or domiciled outside of the United States (50 states and Washington, D.C.) or Canada.

This Warranty does not apply to non-Detroit engines, Allison transmissions, tires, or other components or parts that are not manufactured by Company and that are warranted directly by their respective manufacturers. Progressive damage caused by these manufacturers' components to any other parts including, but not limited to, parts installed by Company is excluded from Company warranty coverage. With respect to the foregoing, Company makes no Warranty whether express, implied, statutory or otherwise including, but not limited to, parts installed by Company is excluded from Company Warranty coverage. With respect to the foregoing, Company makes no Warranty whether express, implied, statutory, or otherwise including, but not limited to, any Warranty of merchantability or fitness for a particular purpose.

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THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF ANY KIND WHETHER WRITTEN, ORAL, OR IMPLIED INCLUDING, BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY SPECIFICALLY EXCLUDES ANY OTHER WARRANTIES OR CONDITIONS PROVIDED FOR BY LAW, WHETHER STATUTORY OR OTHERWISE.

COMPANY'S SOLE OBLIGATION UNDER THIS WARRANTY SHALL BE TO REPAIR OR REPLACE, IN COMPANY'S SOLE DISCRETION, ANY DEFECTIVE COMPONENT OR PART. SUCH REPAIR OR REPLACEMENT SHALL BE WITHOUT COST TO PURCHASER WHEN PERFORMED WITHIN THE APPLICABLE WARRANTY PERIOD (TIME, DISTANCE, OR HOUR LIMIT, WHICHEVER OCCURS FIRST).

Purchaser must notify Company, within the applicable Warranty period, of any failure of the product to comply with this Warranty and Purchaser must, at Purchaser's expense, promptly return the unit to an Authorized Service Facility for inspection and repair or replacement of any defect in material or workmanship occurring within the applicable Warranty period. During New Product coverage, Warranty reimbursement will not be paid on repairs performed by customers on their own vehicles without a current Customer Performed Warranty Agreement (CPWA).

The product must be maintained and serviced according to the prescribed schedules outlined in the Driver's/ Operator's and Maintenance Manuals. Receipted bills and other evidence showing that required maintenance and service have been performed are required by Company as a condition of this Warranty.

After the Company's obligations under this Warranty expire, all liabilities of Company to Purchaser under this Warranty shall terminate. Repairs made under this Warranty do not constitute an extension of the original Warranty period for the vehicle or for any specific component or part.

To the extent that any provision of this Warranty contravenes the law of any jurisdiction, such provision shall be inapplicable in such jurisdiction, and the remainder of the Warranty shall not be affected.

### 3.4 Purchaser's Exclusive Remedy

THIS WARRANTY SHALL BE THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST COMPANY, WHETHER IN CONTRACT, UNDER STATUTE (INCLUDING STATUTORY PROVISIONS AS TO CONDITIONS AS TO QUALITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF GOODS SUPPLIED PURSUANT TO THE CONTRACT OF SALE), WARRANTY, TORT, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY.

### 3.5 Limitation of Liability

COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE COST TO REPAIR OR REPLACE, IN COMPANY'S SOLE DISCRETION, THE DEFECTIVE COMPONENT OR PART THAT IN NO EVENT SHALL EXCEED THE FAIR MARKET VALUE OF THE PRODUCT AT THE TIME THE DEFECT IS DISCOVERED.

IN NO EVENT SHALL COMPANY BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, INJURIES TO PERSONS OR DAMAGE TO PROPERTY, LOSS OF PROFITS OR ANTICIPATED PROFITS, OR LOSS OF PRODUCT USE.

### 3.6 Emission Regulations (Diesel Vehicles)

Vehicles and engines are designed, built, and equipped so as to conform, at the time of sale, with requirements of manufacturers whose vehicles and engines are designed to meet applicable Greenhouse Gas (GHG) and Fuel Efficiency Standards of the U.S. (Federal) Environmental Protection Agency (EPA), Emission Regulations under the Canada Motor Vehicle Safety Act in Canada, and the California Air Resources Board (CARB). Engines and vehicles are free from defects in material and workmanship which cause the engine or vehicle to fail to conform with

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those regulations for the Warranty period. The Warranty period is 100,000 miles or five (5) years of operation, whichever occurs first, or the New Product Warranty, if the product warranty is longer for all emission-related components except tires and 24,000 miles or two (2) years, whichever occurs first, for the tires.

The Warranty obligations are not dependent upon the use of any particular brand of replacement parts. The Owner may elect to use non-Genuine Company Parts for replacement purposes. Use of replacement parts which are not of equivalent quality may impair the effectiveness of emission control systems. If other than Genuine Company Parts are used for maintenance replacements or for the repair of components affecting emission controls, the Owner should assure himself/herself that such parts are warranted by their manufacturer to be equivalent to Genuine Company Parts in performance and durability.

Coverage exclusions are listed in *Coverage Exclusions* elsewhere in this section.

<b>Warranted Components</b>					
Unless otherwise noted, the Warranty period is 5 years/100,000 miles, whichever occurs first, or the New Product Warranty, if the product Warranty is longer for all emission-related components except tires.					
Diesel engines certified to California model year 2022 and later standards come with emission warranty periods of 5 years/150,000 miles if medium heavy duty and 5 years/350,000 miles if heavy heavy duty.					
Coverage is determined based on engine and vehicle emissions model year. To determine an engine’s emissions model year, refer to the EPA/CARB certification label on the engine. To determine the vehicle’s emissions model year, refer to the EPA/CARB certification label on the driver’s door or door jamb.					
Components <sup>1</sup>	Diesel Emission 2010		Gasoline Evaporative Emission 2011 <sup>2</sup>	GHG21	
	Detroit Engine	DTNA Installed <sup>3</sup>	DTNA Installed	Detroit Engine	DTNA Installed <sup>4</sup>
A-Pillar Turning Vane					X
Aerodynamic Quarter Fenders					X
Aerodynamic Roof Fairings					X
Aerodynamic Roof Fairings (Adjustable Height)					X
Aerodynamic Side Fairings					X
Aerodynamic Wheel Covers					X
Aftertreatment System (ATS) Aftertreatment Control Module (ACM)	X			X	
Air Cleaner (Excludes Filter Element)			X		
Air Conditioning Component Leakage					X
Air Intake Pipes			X		
Air Intake Resonator			X		
Ambient Air Temperature (AAT) Sensor					X
ATS Aftertreatment Device (ATD) Wiring Harness	X			X	

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Components <sup>1</sup>	Diesel Emission 2010		Gasoline Evaporative Emission 2011 <sup>2</sup>	GHG21	
	Detroit Engine	DTNA Installed <sup>3</sup>	DTNA Installed	Detroit Engine	DTNA Installed <sup>4</sup>
ATS Diesel Exhaust Fluid (DEF) Coolant Supply Valve & DEF Coolant Lines		X			
ATS DEF Pump	X			X	
ATS DEF Fuel Rail Pressure Sensor	X			X	
ATS DEF Fuel Pressure Sensor (Low)	X			X	
ATS DEF Low Dosing Unit	X			X	
ATS DEF System Air Pressure Regulator & Associated Air Lines		X			
ATS DEF System Chassis Interface Harness		X			
ATS DEF Tank		X			
ATS DEF Tank DEF Level Gauge		X			
ATS DEF Tank DEF Temperature Sensor		X			
ATS DEF Tank Heater Tubing		X			
ATS DEF Temperature Sensor NOX Sensors	X			X	
ATS Diesel Oxidation Catalyst (DOC) Inlet Temperature Sensor	X			X	
ATS DOC Outlet Temperature Sensor	X			X	
ATS Diesel Particulate Filter (DPF) Inlet Pressure Sensor	X			X	
ATS DPF Outlet Pressure Sensor	X			X	
ATS DPF Outlet Temperature Sensor	X			X	
ATS Doser Block Assembly	X			X	
ATS Electrically-Heated DEF Lines		X			
ATS Fuel Doser Valve	X			X	
ATS Oxidation Catalyst	X			X	
ATS Particulate Filter	X			X	
ATS Selective Catalytic Reduction (SCR) Catalyst	X			X	
Automatic Engine Shutdown Timer - Sleep Cab Tractors: Includes Auxiliary Technologies (Battery or Diesel Auxiliary Power Unit, Fuel-Operated Heater, Engine Start-Stop)					X
Automatic Engine Shutdown Timer - Vocational					X
Automatic Tire Inflation System					X
Cam Sensor			X		

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Components <sup>1</sup>	Diesel Emission 2010		Gasoline Evaporative Emission 2011 <sup>2</sup>	GHG21	
	Detroit Engine	DTNA Installed <sup>3</sup>	DTNA Installed	Detroit Engine	DTNA Installed <sup>4</sup>
Camshaft Position Sensor	X			X	
Catalytic Converter			X		
Charge Air Cooler		X			
Charge Air Cooler Outlet Sensor	X			X	
Chassis Fairing Skirts					X
Coolant Outlet Temperature Sensor	X			X	
Coolant Sensor			X		
Crank Sensor			X		
Crankshaft Position Sensor	X			X	
Data Link Connector		X	X		X
Delta P Sensor	X			X	
Drive Wheel Fairings					X
Engine Coolant Temp Sensor			X		
Engine Control Module (ECM)			X		
Engine Start/Stop System					X
Evap Canister & Evap Canister Vent Solenoid			X		
Exhaust Gas Piping from the Turbocharger out to the Last ATD		X			
Exhaust Gas Recirculation (EGR) Cooler	X			X	
EGR Valve & Actuator	X			X	
Exhaust Manifold & Exhaust Manifold Gaskets			X		
Exhaust Pipes (Between Exhaust Manifold & Catalyst)			X		
Fuel Injectors	X		X	X	
Fuel Lines			X		
Fuel Rail			X		
Fuel Tank			X		
Fuel Tank Fairings (Chassis Fairings)					X
Fuel Tank Pressure Sensor			X		
Fuel Temperature Sensor	X			X	
Gap Reducing Fairings					X

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Components <sup>1</sup>	Diesel Emission 2010		Gasoline Evaporative Emission 2011 <sup>2</sup>	GHG21	
	Detroit Engine	DTNA Installed <sup>3</sup>	DTNA Installed	Detroit Engine	DTNA Installed <sup>4</sup>
Gas Cap			X		
High Pressure Fuel Pump	X			X	
Ignition Coils			X		
Intake Manifold Pressure Sensor	X			X	
Intake Manifold Temperature Sensor	X			X	
Intake Throttle Valve & Adaptor	X			X	
Knock Sensors			X		
Malfunction Indicator Lamp (MIL)		X	X		X
Manifold Absolute Pressure (MAP) Sensor			X		
Mass Air Flow Sensor			X		
Motor Control Module (MCM)	X			X	
Neutral at Stop - Allison Automatic Transmissions <sup>5</sup>					X
Neutral Coast - Detroit eCoast, Cummins/Eaton Smart-Coast <sup>5</sup>					X
Oxygen (O <sub>2</sub> ) Sensors			X		
Oil Fill Cap			X		
Oil Temperature Sensor	X			X	
Positive Crankcase Ventilation (PCV) Hose (Engine to Air Intake Pipe)			X		
Predictive Cruise Control - Detroit Intelligent Powertrain Management (IPM), Cummins Predictive Cruise Control					X
Purge Control Valve			X		
Rear Axles <sup>5</sup>					X
Roof Spoilers					X
Side Extenders					X
Spark Plugs <sup>6</sup>			X		
Spark Plug Wires			X		
Temperature-Barometric Air Pressure Sensor					X
Throttle Body			X		
Throttle Pedal			X		

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Components <sup>1</sup>	Diesel Emission 2010		Gasoline Evaporative Emission 2011 <sup>2</sup>	GHG21	
	Detroit Engine	DTNA Installed <sup>3</sup>	DTNA Installed	Detroit Engine	DTNA Installed <sup>4</sup>
Tire Pressure Monitoring System					X
Tires <sup>7</sup>					X
Transmissions <sup>5</sup>					X
Transmission Control Module			X		
Transmission Speed Sensor			X		
Turbo Speed Sensor	X			X	
Turbocharger	X			X	
Vapor Lines			X		
Vehicle Speed Limiter					X
Vehicle Speed Sensor (Transmission Main Shaft)		X			X
Wait to Start Indicator/Lamp					X

<sup>1</sup> Per California Emission Control Systems Warranty Statement, DTNA must warrant the emission control system components for the vehicle in accordance with either Diesel Emission 2010 or Gasoline Evaporative Emission 2011, whichever is applicable.

<sup>2</sup> Coverage period is 5 years/50,000 miles (80 500 km), whichever occurs first.

<sup>3</sup> The following are excluded under Emissions coverage but are covered under standard New Vehicle Warranty coverage:

- ATS ACM Mounting Bracket and Protective Cover
- DEF Tank Mounting Brackets/Hardware
- DEF Pump Mounting and Protective Cover

<sup>4</sup> Diesel Emission 2010 components and emission-related defects in the marked components listed are included in this coverage. Coverage duration:

- Spark-ignition engines and light heavy-duty vehicles – 5 years/50,000 miles (80 500 km), whichever occurs first
- Compression ignition engines and medium and heavy heavy-duty vehicles – 5 years/100,000 miles (161 000 km), whichever occurs first

<sup>5</sup> To the extent warranted under component manufacturers’ GHG21 emission-related warranty responsibilities, as detailed in warranty documentation.

<sup>6</sup> Spark plugs are warranted under Basic Chassis coverage or until the first required maintenance, whichever comes first.

<sup>7</sup> Coverage period is 2 years/24,000 miles, whichever occurs first. File claims directly to tire manufacturer.

### 3.7 Coverage Exclusions

The following components, parts, or conditions are specifically excluded from coverage under this Warranty.

**Note:** Parts found defective prior to installation must be filed as a Parts Adjustment Request (PAR) to the Parts Distribution Center (PDC).

#### Aerodynamic Wheel Covers

Aerodynamic wheel covers are excluded from coverage under Warranty.

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## Air Springs

Tolerance buildup can occur during the assembly process of the rear suspension and rear cab air springs, and can cause the springs to have the appearance of being crooked, misaligned, or improperly installed. This tolerance buildup is not detrimental to the operation of the vehicle and will not have an effect on either the quality of the ride or the durability of the components or vehicle. Straightening of these springs is not covered under Warranty.

## Alignment of Axles/Wheels/Steering Wheel

Each DTNA vehicle manufacturing plant uses an integrated alignment system to align axles and wheels and to center the steering wheel to DTNA specifications. Realignment or readjustment of these items, including steering stops and steering poppets, is not covered under Warranty.

Any special alignment settings at the request of the Owner must be handled between the service location and Owner after delivery from factory. These special adjustments are not covered under Warranty.

## Axle Breather Vents

During the manufacturing process, an oil run or drip stain may appear at the breather vent. Removing the vent, applying pipe sealant to the threaded vent fitting and re-installing the vent is unnecessary. Removing the axle breather vent and re-sealing the threaded fitting is not covered under this Warranty.

## Cab Interior Components

The repair or replacement of cab interior components that are rendered unserviceable due to normal wear or abuse are not covered under this Warranty.

These components include, but are not limited to:

- Curtains
- Floor coverings (including floor mats)
- Painted trim components
- Steering wheel
- Steering wheel wrap
- Upholstery
- Window shades

## Chrome Surfaces, Aluminum, and Stainless Steel Components

The following items ARE covered under this Warranty:

- Chrome peeling off in sheets
- Chrome cut at mounting bolts due to over-torque at the factory
- Bubbles in the chrome that are not caused by rock chips and/or general rust conditions
- Isolated rust along seams or welds

The following items are NOT covered under this Warranty:

- General rust (e.g., rust on the unfinished backside of a bumper)

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- Dimpling at the mounting bolts
- Staining, bluing, and/or yellowing that can be cleaned with a quality cleaning product
- Rust, pits, and/or nicks caused by road wash or road debris breaking the chrome surface
- Streaks/stains/corrosion caused by severe wash solutions or corrosive road salts/chemicals

Claims pertaining to failures of chrome surfaces, aluminum, and stainless steel components will not be processed unless a clear photo is provided that adequately shows the defect.

## Clutch Adjustment

Clutch adjustments are normally required due to clutch wear and are considered normal maintenance. However, if the clutch adjustment is found to be outside of Company specifications during, or prior to, product in-service, a claim will be accepted on a one-time basis.

Claims for clutch adjustments will not be accepted unless the adjustment is found to be outside of Company specifications using the special clutch adjustment measuring tools provided by Company (e.g., adjusting the clutch to satisfy feel will not be accepted as Warranty).

## Competition

Warranty will become void on any product that is used in competition including, but not limited to:

- Racing
- Tractor pulls
- Other motor sports

## Consumable Parts

Parts that are subject to consumption during their normal service life and are routinely replaced during normal maintenance services are covered up to 15,000 miles (24 000 km) for all DTNA vehicles except TBB bodies and chassis. TBB consumable parts are covered up to 30 calendar days from the date of in-service. These items are:

- Antennas (exception: satellite radio antennas)
- Ashtrays
- Belts
- Brake linings
- Cigarette lighter assembly
- Clutch brake
- Clutch linings
- Data logger batteries
- Desiccant cartridges
- Fire extinguishers
- Flash tubes
- Fluorescent ballast and tubes
- Fuses
- Gladhand
- Hosetennas

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- Light bulbs\*
- Lower center bumper air dam
- Mattresses
- Mud flaps
- Mud flap mounting brackets
- Caps (including, but not limited to, DEF, fuel, radiator, surge tank)
- Receiver-drier filter
- Trailer air hoses
- Trailer electrical cables
- Windshield washer nozzles
- Wiper arms and blades (TBB makes - wiper blades only)

\* Sealed light and LED assemblies are not considered consumable.

The cost of consumable parts which are not reusable due to needed warrantable repairs is covered by this Warranty; examples include but are not limited to:

- Antifreeze
- Coolant
- Filters
- Fluids
- Grease/lubricants
- Oil

## Corrosion

Coverage provides Warranty against corrosion to any metal or metal alloy part of the vehicle. Rust or corrosion to specific components and/or caused by certain conditions are excluded from all Company Warranty coverage and will not be paid under Basic Vehicle, Cab Structure, Cab Corrosion, Aftermarket Parts Warranty, or Extended Service Coverage.

Exclusions to corrosion Warranty include, but are not limited to, the following:

- Corrosion caused by general rust (e.g., rust on the unfinished backside of a bumper)
- Surface rust caused by chips or scratches in the paint or chrome surfaces
- Corrosion caused by high-pressure washing, severe wash solutions, cleaning solvents, detergents, compounds
- Corrosion caused by salinity in the environment or corrosive salts and/or chemicals used on the road surface
- Corrosion caused by acid rain or other industrial fallout
- Corrosion due to improper prevention measures during storage or use
- Corrosion or rust on tone rings, rotors, or drums
- Corrosion due to environmental damage (including ocean spray); airborne fallout (includes chemicals, tree sap, etc.), or other atmospheric conditions or other acts of nature
- Corrosion due to improper use, misuse, or abuse, negligence, including improper or insufficient maintenance

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## Damage

The following are not covered under Warranty:

- Damage caused by use of the vehicle in any application that is not approved or is inconsistent with build specifications
- Damage resulting from improper use or misuse or abuse, negligence, improper operation, improper or insufficient maintenance (including, but not limited to, failure to maintain vehicle as outlined in the Driver's/Operator's and Maintenance Manuals), overloading, unauthorized modifications, accidents, or operation at excessive speeds
- Environmental damage, including airborne fallout (including chemicals, tree sap, etc.), or other atmospheric conditions, hailstones, or other acts of nature
- Damage caused by road salts/chemicals or cleaning solvents, detergents, or compounds
- Storage deterioration including damage caused by improper or insufficient storage or maintenance
- Damage caused by road hazards or road conditions
- Damage caused during shipping/transport after initial delivery of vehicle
- Damages (including peeling or flaking) caused by high-pressure washing or steam cleaning
- Damages occurring after in-service (e.g., from rock chips)
- Damages caused by customer-installed sealer in air conditioning systems
- Damages caused by non-factory approved engine horsepower/torque upgrades
- Damage due to vibration associated with misapplication or improper operation of drivetrain components
- Damage due to terrorist activities
- Damage due to acts of war

## Engine

Any DTNA engine in a vehicle on which odometer mileage has been changed so the mileage cannot be readily determined is excluded from Warranty.

Non-DTNA engines, including all of its components as supplied by the non-Company engine manufacturer, are excluded from Warranty but are warranted separately by the manufacturer of the engine. For non-DTNA engine warranty or service, contact the engine manufacturer's authorized sales and service facility.

## Engine Brakes, Air Compressors, and Other Proprietary Engine Components

The engine manufacturer installs most air compressors and engine brakes. Any failure of a proprietary engine component or Jake Brake® component must be filed directly to the engine manufacturer.

Failures on Company engines and non-proprietary engine components can be filed through DTNA.

## Exhaust System Clamps

During the early life of the vehicle or when the engine is cold, many exhaust clamps exhibit a soot trace. This condition is self-correcting and does not require adjustment, tightening, or replacement of the clamp. Claims for adjusting or tightening will not be paid under Warranty.

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## Fifth Wheels

Adjustment of the locking mechanism, bushings, slide locking plungers, and the repair or replacement of lock guards are considered routine maintenance and are not covered under this Warranty.

## Glass, Mirrors, Lens

Conditions excluded from Warranty include but are not limited to:

- Breakage
- Chips
- Scratches
- Cracks

## Initial Operating Period

During a vehicle's Initial Operating Period (IOP), repair on components found loose and included on a scheduled maintenance table may be reimbursed by Company. The IOP for DTNA vehicles is as follows:

Make	IOP <sup>1</sup>
Freightliner, Western Star	Up to 15,000 miles/24 000 km <sup>2</sup>
FCCC	Up to 25,000 miles/40 000 km <sup>2</sup>
TBB Bodies and TBB Chassis <sup>3</sup>	Up to 6 months from in-service date

<sup>1</sup> IOP does not apply to powertrain components.

<sup>2</sup> The IOP begins at zero (0) distance; the in-service distance does not affect the IOP distance limits.

<sup>3</sup> TBB applications utilizing FCCC chassis retain the FCCC IOP separate from the TBB body.

Routine maintenance, servicing, and adjustment, as defined in the applicable Vehicle Maintenance Manual and Driver's Manual, are excluded from Warranty.

Periodic adjustment or re-torque of wheel bearings, wheel lug nuts, and suspension U-bolts are considered maintenance adjustments and are not covered under Warranty.

Vibrations, squeaks, rattles, loose fittings/clamps, hose fitting leaks, loose nuts/bolts/screws, and loose electrical connections may develop during the initial trip(s) of the vehicle; associated repairs/adjustments are covered under Basic Warranty unless the distance at which the condition occurs exceeds the published maintenance interval for the component.

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- Components included on a scheduled maintenance table that have loosened at a time or distance exceeding the first scheduled maintenance or outside the IOP, whichever is greater, are not covered under Warranty and are the responsibility of the customer.

Components Found Loose and Included on a Scheduled Maintenance Table	Prior to First Scheduled Maintenance	After First Scheduled Maintenance
Within IOP	File Claim	File Claim
Outside IOP	File Claim	Customer Responsibility

- Components that do not appear on scheduled maintenance tables are not subject to IOP limitations and are covered per the applicable coverage and exclusions.

Consumable items are addressed separately from IOP; see [Consumable Parts](#) elsewhere in this section for details.

Exclusions from Warranty during the IOP are:

- Cab, hood, and fender-mounted mirrors are adjusted at the factory but may be retracted by the transporter to prevent damage during transport. Subsequent adjustments and tightening of mirror mounting hardware are considered part of the routine preparation of the vehicle before Customer delivery. Claims for adjusting the mirrors or tightening of the attaching hardware will not be paid under Warranty during or after the IOP.
- Claims for re-routing of electrical wiring, hoses, or lines which meet DTNA’s routing standards will not be paid under Warranty during or after the IOP. However, if during the IOP, evidence of a potential failure (e.g., rubbing or chaffing that would lead to a short in a wire or a hole in a hose/line) is found where a line, hose, or electrical wiring is mis-installed and is making contact with one of the following, a one-time claim for correcting the routing will be accepted:
  - Hot surface
  - Moving part
  - Sharp edge

Such claims should be filed with *28 - Part Improperly Installed* as the Cause code; photos that clearly show evidence of rubbing or chaffing due to mis-installation must be available upon request.

**Note:** Preventative re-routing for other conditions not listed above is not considered warrantable. However, if a line, hose, or electrical wiring actually fails (i.e., leaks or shorts) due to rubbing or chaffing on any surface, such failures are covered per the applicable coverage and exclusions.

- Final preparation of the vehicle for Customer delivery to include cleaning/vacuuming interior of cab, washing windows, washing the exterior of the vehicle, and polishing exterior chromed or painted surfaces are considered as ordering location responsibilities. Claims for these activities will not be paid under Warranty during or after the IOP.

## Loose Components

During the manufacturing process, certain components are placed in the cab of the vehicle or strapped down to the chassis. It is the service location’s responsibility to mount these shipped loose items in the correct location on the vehicle. Mounting the shipped loose items below will not be covered under Warranty.

These items include, but may not be limited to:

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- Aerodynamic wheel covers
  - Exception: Mounting covers on Freightliner Cascadia trucks may be reimbursed; varies by model/specifications
- Antennas
- Chrome lug nut covers
- Decals & paperwork
- Driver's pouch
- Fire extinguishers
- Jacks
- License plate brackets
- Mattress
- Reflectors with flares
- Reflectors without flares
- Spare wheels/tires
- Tire inflation hoses
- Trailer cables (air/electrical)
- Winter fronts

## Misapplication of Product

The Warranty on any product used inconsistent with its specified vocation/application will be downgraded to the Warranty that is consistent with product use. Any and all claims associated with the misapplication of the product will be subject to chargeback.

## Miscellaneous Expenses

Premium charges and work not directly related to the repair or replacement of a warranted part are not reimbursed, unless specifically stated elsewhere in the applicable Warranty coverage. Examples include, but are not limited to:

- Federal, state, provincial, and local taxes
- Travel expenses
- Loss of revenue
- Customer labor, including overtime labor
- Downtime
- Driver's expenses
- Cost of rental equipment
- Loss of cargo, including perishable cargo
- General housekeeping and bulk shop supplies (e.g., shop rags, solvents, sweeping compounds, coveralls, etc.)
- Communication charges
- Towing/road call assistance
- For non-powertrain component repairs, the removal, repair, or replacement of:

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- Components/parts and optional items that are not sold or installed by Company
- Equipment installed by a body builder, customer, or service location
- Dynamometer testing on non-Company engines after repairs have been performed
- Shop hardware supplies that are not itemized on the claim as “parts used” (e.g., common bolts, washers, nuts, tie straps, cotter pins, etc.)
- Time spent waiting at a counter to obtain a part, etc.
- Environmental fees, cleanup, or other charges
- Cost of emergency services

## Modifications to Original Equipment

Company does not warrant product modifications or equipment installations unless performed at a Company Custom Truck Services (CTS) Center. In addition, the extra time necessary to remove body builder-installed items and/or equipment to work on a warrantable repair is not covered under this Warranty unless Company sells the complete chassis/body/equipment as a package.

If service locations or Customers perform any product modifications or equipment installations, to the extent these modifications or equipment installations adversely affect other vehicle components or vehicle performance, Company shall not accept any product liability or claims under the terms of the product Warranty. These claims become the sole responsibility of the person performing the modifications or equipment installations.

## Paint

The following exclusions to paint warranty include, but are not limited to:

- Complete chassis re-painting to repair paint damages
- Damages occurring after in-service (e.g., from rock chips)
- Peeling/flaking caused by high-pressure washing or steam cleaning
- Rusting of painted bumpers
- Removal and/or replacement of decals, striping, and/or lettering not applied by Company

Specific areas of the vehicle are deliberately not painted or are not painted to any standard; paint repairs are not warrantable to such areas. These areas include:

- Underside of the hood, including the inside of the wheel wells
- Underside of the roof-mounted air fairings
- Underside of the exterior sun visor
- Inside of the side-mounted air fairings
- Inside of the bumper
- Aftertreatment devices

## Gloss

Gloss claims pertaining to gloss issues on vehicles painted with low-gloss colors (as identified in the Truck/Bus Sales Order) will not be covered under Warranty.

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## Routine Maintenance

Routine or preventative maintenance, servicing, and adjustment, as defined in the applicable Vehicle Maintenance Manual and Driver's Manual, are excluded from Warranty.

Periodic adjustment or re-torque of wheel bearings, wheel lug nuts, and suspension U-bolts are considered maintenance adjustments and are not covered under Warranty.

Vibrations, squeaks, rattles, loose fittings/clamps, hose fitting leaks, loose nuts/bolts/screws, and loose electrical connections may develop during the initial trip(s) of the vehicle and these types of repairs/adjustments are covered under Warranty one (1) time during the applicable IOP unless excluded above.

Reminder: After the IOP, these developments are the result of use and their repair/adjustment activities are considered routine maintenance and thus excluded from Warranty.

## Tampering/Misuse

Conditions resulting from tampering, misuse, improper adjustments, alteration, accident, failure to use recommended fuel or non-performance of required maintenance services are not covered.

It is a violation of U.S. federal law to alter the engine, exhaust plumbing, after treatment system, diesel exhaust fluid system, or other vehicle components in any way that would bring the engine/vehicle out of compliance with certification requirements [Ref: 42 U.S.C. §7522(a)(3)]. It is the Owner's responsibility to maintain the vehicle so that it conforms to EPA regulations.

## Test Products

Any product(s) used in testing must be identified to the Warranty Department and accommodations must be made for claims that relate to the test item(s).

Any product used in endurance testing, such as the Altoona Test, are void of all Warranty, including but not limited to New Product Warranty, Aftermarket Parts Warranty, Extended Service Coverage, or any Company additional or used truck coverage.

## Tires and Tire Balancing

The tires are not covered under this Warranty, but are warranted separately by the tire manufacturer. Tire balancing is not covered under Warranty.

## Transmissions (Non-Company)

Allison transmissions and components are not covered under this Warranty, but are warranted separately by Allison. Information regarding Allison's warranty is provided for informational purposes only and is subject to change. For warranty or service information, contact Allison's authorized sales and service facility.

Eaton Hybrid transmissions are not covered under this Warranty.

## 3.8 Transfer of Warranty

This Warranty is transferable to a subsequent Owner if it has not expired. To ensure the Owner receives proper Warranty recognition, the ownership information should be updated in OWL.

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## 3.9 Change of Owner Address Information

To ensure Company's ability to reach the current Owner with Recall and Field Service campaign information, the Owner's information must be updated whenever there is a change to the Owner's name or address.

## 3.10 Product Improvement

Company reserves the right to make improvements or changes to the product at any time without incurring any obligation to make such changes or improvements to any other vehicle.

## 3.11 Owner's Responsibilities

DTNA provides Owner's Warranty Information booklets for Company products. When the Owner first receives a Company product, the service location should review the Owner's Warranty Information booklet(s) with the Owner. It is important that the new Owner becomes familiar with the contents about Warranty, parts replacement that affects emission controls, and maintenance service. It is the Owner's responsibility to ensure the product is maintained as outlined in the Driver's/Operator's and Maintenance Manuals and to maintain the vehicle so that it conforms to EPA regulations.

To initiate Warranty, the customer must complete and sign the Warranty Start Form (WAR275); service locations keep the signed form on file and register the vehicle with DTNA for Warranty. For TBB bodies and TBB chassis, customers should contact their TBB dealership to initiate Warranty.

As soon as a problem exists, the Owner is responsible for presenting the product to an Authorized Service Location. The Warranty repairs should be completed in a reasonable amount of time. The Owner should also be aware that DTNA may deny Warranty coverage if the product has failed due to abuse, neglect, improper maintenance, or unapproved modifications. DTNA recommends that Owners retain all receipts regarding product maintenance but Company cannot deny Warranty solely for the lack of receipts.

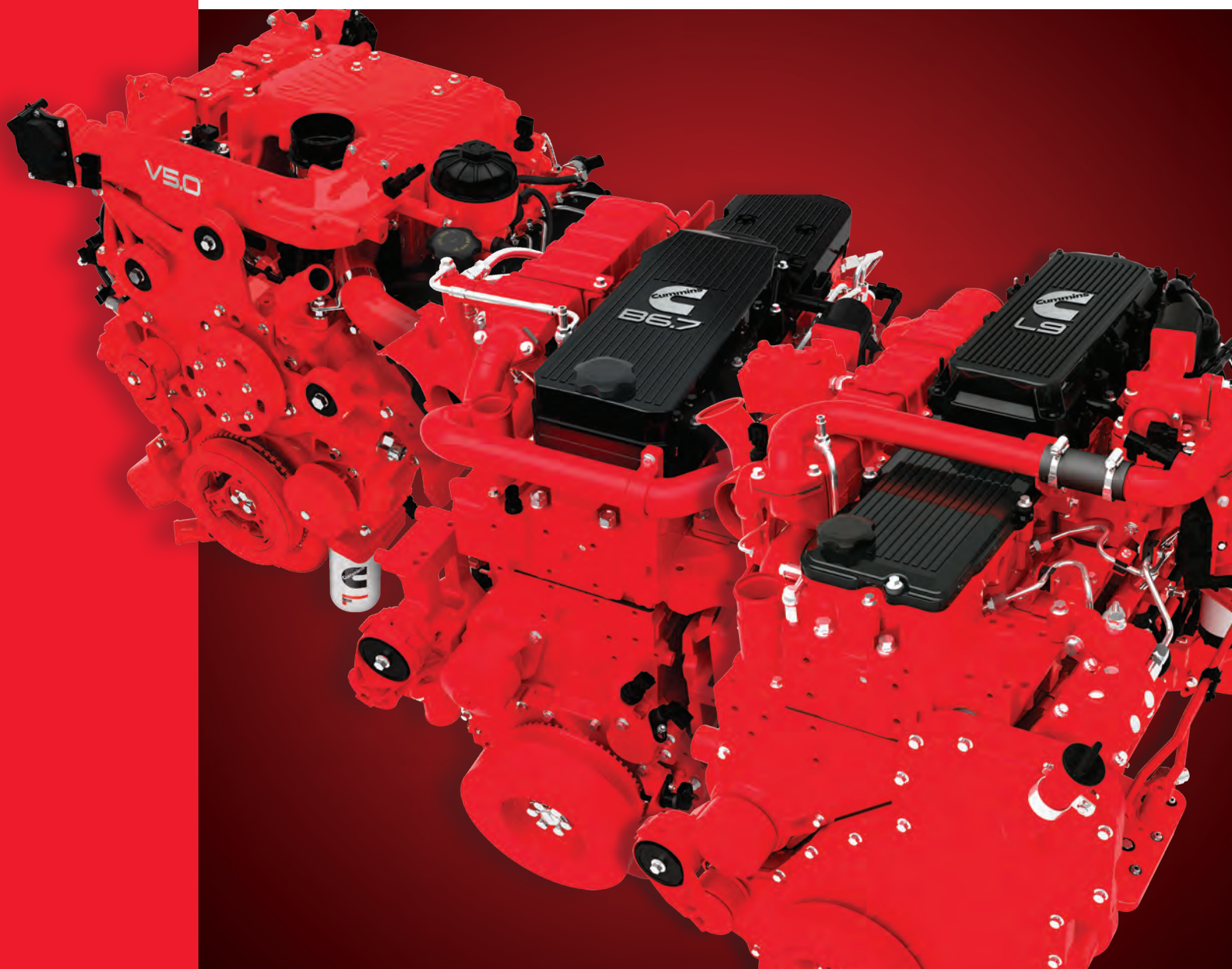
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# Every™ Coverage.

North American Truck Coverages  
For 2017 L9™, B6.7™ And V5.0™ Engines.



# Every™ Confidence.

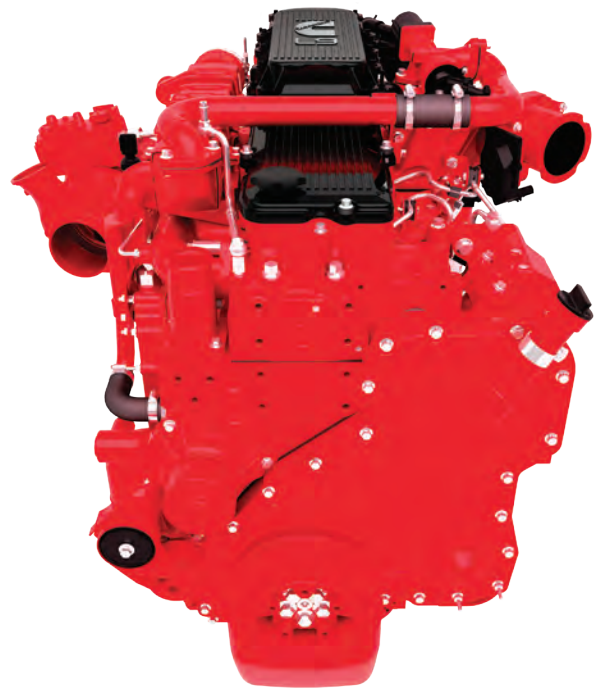
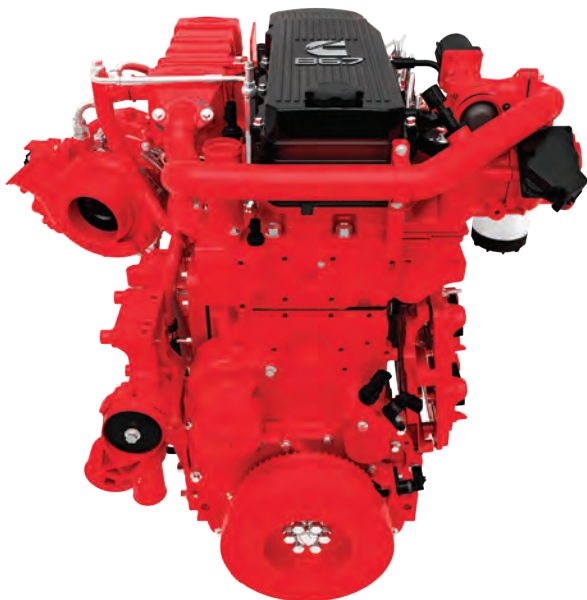
You can have confidence knowing that your Cummins 2017 engine is backed by the total coverage of Cummins Base Warranty and Extended Coverage plans.

Every major component, from the air handling to the exhaust aftertreatment\* – including those in the Single Module™ aftertreatment system and Cummins Aftertreatment System – is included under the Base Warranty.

In addition to the Base Warranty, Cummins offers a selection of Extended Coverage plans that provide extra protection for your business against major unexpected repair expenses. These protection plans provide financial peace of mind, insuring you against unforeseen expenses for years to come. And they can be included in the financing of your new truck for just dollars a day.

Cummins Extended Coverage plans are honored at all authorized Cummins service locations and backed by Cummins Care. No matter where your business takes you, you've always got a Cummins-authorized service facility nearby, with over 3,500 locations in North America. So you can be assured that every contingency is covered. Best of all, those facilities will handle every bit of paperwork associated with your warranty repair.

\*Does not include air cleaner, intake pipes, exhaust pipes or mounting hardware.



## **L9 Base Warranty.**

The L9 Base Warranty is good for 2 years/250,000 miles (402,336 km), whichever occurs first, and includes virtually everything at no additional cost:

### **2-Year/250,000-Mile (402,336 km) Coverage**

- 100 percent parts and labor on warrantable failures\*
- Travel or towing when an engine is disabled by a warrantable failure (from date of delivery through the first year)
- Consumables not reusable due to covered failure
- No deductible
- Includes aftertreatment

\*Warrantable failures are those due to defects in Cummins material or factory workmanship.

## **B6.7 Base Warranty.**

As part of Cummins commitment to add value for our customers, we've increased the Base Warranty for the market-leading B6.7 by 50 percent in 2017, from 2 years/unlimited mileage to 3 years/unlimited mileage.

### **3-Year/Unlimited-Mileage Coverage**

- 100 percent parts and labor on warrantable failures\*
- Travel or towing when an engine is disabled by a warrantable failure (from date of delivery through the duration of the 3-year Base Warranty)
- Consumables not reusable due to covered failure
- No deductible
- Includes aftertreatment

\*Warrantable failures are those due to defects in Cummins material or factory workmanship.



### V5.0 Base Warranty

Base Warranty coverage on the Cummins V5.0 extends 2 years from the date of delivery to the first user, with no restrictions on mileage.

### 2-Year/Unlimited-Mileage Coverage

- 100 percent parts and labor on warrantable failures\*
- Travel or towing when an engine is disabled by a warrantable failure (from date of delivery through the first year)
- Consumables not reusable due to covered failure
- No deductible
- Includes aftertreatment

\*Warrantable failures are those due to defects in Cummins material or factory workmanship.



### Extended Coverage Means Added Security.

A Cummins Protection Plan is the most important travel insurance you can buy. Not only will it protect your business from unexpected expenses, but it will also ensure that you'll always get quality Cummins parts and professional Cummins service. There are two plans to choose from for L9 and B6.7 engines.

#### Protection Plan 1

Security is knowing that you are protected by comprehensive coverage, with options ranging from 3 to 6 years and 100,000 to 300,000 miles (160,934-482,803 km). Mileage range options may vary by engine and length of coverage. Contact your local distributor for details on your specific engine.

- Internal components and major engine systems including the turbocharger, water pump and fuel injectors and – new for EPA/GHG 2017 – the flywheel, wiring harness, front gear housing and thermostat
- Registered parts and labor on covered failures

#### Protection Plan 2

Cummins Protection Plan 2 covers you against major repair costs down the road, with registered parts and labor on internal components and – new for EPA/GHG 2017 – the water pump, with your choice of long-term options from 3 to 7 years and 100,000 to 300,000 miles (160,934-482,803 km). Mileage range options may vary by engine and length of coverage. Contact your local distributor for details on your specific engine.

- Internal components, major components and major engine systems, including cooled Exhaust Gas Recirculation (EGR) major components
- Registered parts and labor on covered failures

### Aftertreatment Extended Coverage\*

Extended coverage is also available for your Single Module aftertreatment system or Cummins Aftertreatment System. Options range from 3 to 5 years and 100,000 to 300,000 miles (160,934-482,803 km). Mileage range options may vary by engine and length of coverage. Contact your local distributor for details on your specific engine.

The coverage includes Cummins-supplied aftertreatment components, including:

- Diesel Oxidation Catalyst (DOC), Diesel Particulate Filter (DPF) and Selective Catalytic Reduction (SCR) assemblies
- Diesel Exhaust Fluid (DEF) dosing system
- Ammonia sensor

\*Protection Plan 1 EPA 2017 of equal duration is required prior to the purchase of the Aftertreatment Extended Coverage.

## 2017 L9 and B6.7 Extended Coverage Terms\*

<p>↑</p> <hr/> <p>SCR Assembly</p> <hr/> <p>Decomposition Reactor</p> <hr/> <p>Mid-Bed Ammonia Sensor</p> <hr/> <p>DPF Assembly</p> <hr/> <p>Fuel Pump</p> <hr/> <p>Air Compressor</p> <hr/> <p>Select Engine Sensors</p> <hr/> <p>Turbo</p> <hr/> <p>Fuel Injectors</p> <hr/> <p>Flywheel</p> <hr/> <p>Wiring Harness</p> <hr/> <p>Front Gear Housing</p> <hr/> <p>Thermostat</p> <hr/> <p>Water Pump</p> <hr/> <p>EGR Cooler, EGR Valve, EGR Mixer</p> <hr/> <p>Cylinder Head Assembly</p> <hr/> <p>ECM</p> <hr/> <p>Pistons, Rings and Liners</p> <hr/> <p>Lube Oil Cooler Assembly</p> <hr/> <p>Cylinder Block Assembly</p> <hr/> <p>Crankshaft Assemblies</p> <hr/> <p>Front Gear Cover</p> <hr/> <p>Oil Pan</p> <hr/> <p>Connecting Rod Assembly</p> <hr/> <p>Lube Pump Assembly</p> <hr/> <p>Camshaft Assembly and Bushings</p> <hr/> <p>Brake Housing, Bushings, Rocker Levers, Roller Pin, Roller, Crosshead Pin, Crosshead, Including Mounting Hardware and Gaskets</p> <hr/> <p>Engine Cylinder Block Casting</p> <hr/> <p>Engine Main Bearing Bolts</p> <hr/> <p>Engine Cylinder Head Casting</p> <hr/> <p>Engine Cylinder Head Capscrews</p> <hr/> <p>Engine Crankshaft Forging</p> <hr/> <p>Engine Camshaft Forging</p> <hr/> <p>Cam Follower Housing</p> <hr/> <p>Cam Follower Assemblies</p> <hr/> <p>Engine Connecting Rods and Caps</p> <hr/> <p>Engine Connecting Rod Bolts</p> <hr/> <p>Intake Manifold Castings</p> <hr/> <p>Rocker Lever Housings</p> <hr/> <p>Rocker Lever Assembly</p> <hr/> <p>Gear Train Gears</p> <hr/>	<p><b>Aftertreatment Extended Coverage**</b></p>	<p><b>Protection Plan 1</b></p> <p>Options are available up to 6 years or up to 300,000 miles (482,803 km)*</p>	<p><b>Protection Plan 2</b></p> <p>Options are available up to 7 years or up to 300,000 miles (482,803 km)*</p>
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\*Terms and conditions are subject to change. Mileage range options may vary by engine and length of coverage.

\*\*Protection Plan 1 EPA 2017 of equal duration is required prior to the purchase of the Aftertreatment Extended Coverage.



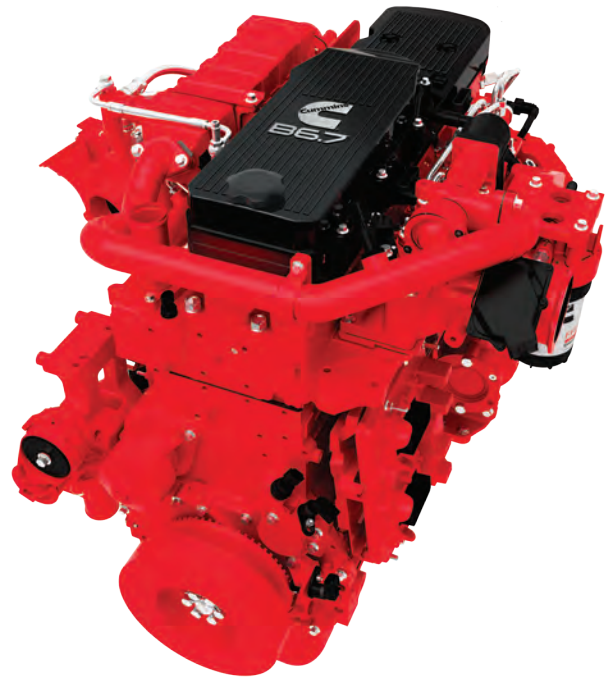
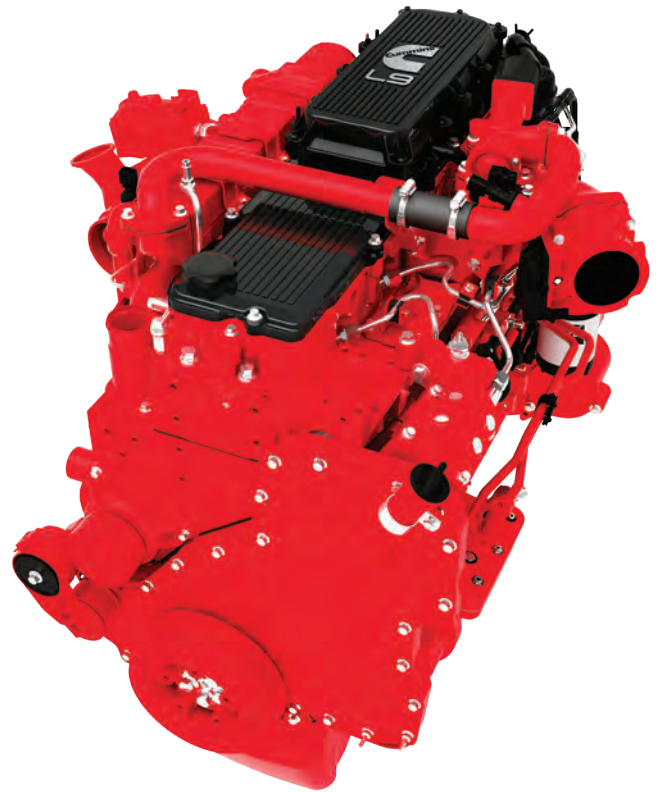
### **Leave Every Detail To Us.**

For complete coverage details, including pricing, contact your local Cummins distributor or OEM dealer.

Ordering Cummins Extended Coverage is easy. Your local Cummins distributor or dealer can handle it for you when you buy your new L9- or B6.7-powered truck, and include it in your financing, or you can buy it separately later on for up to 18 months after your engine purchase\*.

If you experience a service need during the coverage period, call Cummins Care toll-free at 1-800-CUMMINS™ (1-800-286-6467). Our Cummins Care representatives are standing by, every hour of every day, and they will check with nearby authorized Cummins distributors and dealers to locate a facility with an available technician and the right diagnostic tools to handle your equipment repair. Your Cummins representative will help get you to the nearest available location – with 3,500 authorized locations, there's sure to be one close by.

Simply show the servicing distributor/dealer your Extended Coverage certificate, and he or she will handle all the necessary paperwork and repairs to get you back on the road as quickly as possible.



\*After 12 months, a small administrative fee may be applied.

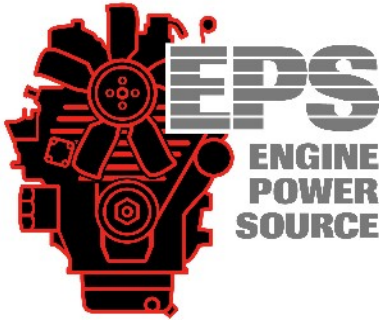


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# ***LIMITED PRODUCT WARRANTY***

## ***GENERATOR***

**1. Definitions.**

- (a) “Buyer” means the individual or entity identified on Buyer’s purchase order, or, if different, on EPS’s Quotation, order acknowledgement or confirmation and any subsequent purchaser of the Product.
- (b) “EPS” means Engine Power Source, Inc., a South Carolina corporation.
- (c) “Product” means a generator set manufactured by EPS and sold pursuant to the applicable purchase order, quotation, order acknowledgement or confirmation.
- (d) “Ultimate Purchaser” means the first person who in good faith purchases the Product for purposes other than resale.

**2. Limited Warranty.** Subject to Section 3 and Section 7 hereof, EPS warrants to the Buyer that for a period of one year from the date of delivery to the Ultimate Purchaser or until the Product has reached 2000 hours of operation, whichever occurs first, the Product will be free from defects in materials and workmanship arising under proper and normal use. The warranty set forth in this Section 2 shall apply only to the Product and shall not apply to any other goods, materials, parts or components manufactured by anyone other than EPS.

**3. Emission-Related Warranty.**

(a) If the Product is subject to federal emission standards pursuant to 40 CFR Part 1039, Part 89, Part 90, Part 1048 or Part 1054, EPS warrants to the Buyer that (i) the Product is designed, built, and equipped so it conforms at the time of sale to the Ultimate Purchaser with the emission requirements of such part and (ii) for the Emission Warranty Period (described in subsection (b) below) the Product will be free from defects in materials and workmanship that may keep it from meeting applicable emission requirements; provided, however, that the foregoing warranty does not cover any components to the extent the failure of such components would not increase an engine’s emissions of any pollutant regulated by the U.S. EPA.

(b) The “Emission Warranty Period” means:

Engine Type	Maximum Power	Rated Speed	Emission Warranty Period
variable or constant speed nonroad compression-ignition	kW < 19 (HP < 25)	any	1,500 hours or two years, whichever occurs first
constant speed nonroad compression-ignition	19 ≤ kW < 37 (25 ≤ Hp < 50)	Less than 3,000 RPM	3,000 hours or five years, whichever occurs first
variable or constant speed nonroad compression-ignition	kW ≥ 37 (Hp ≥ 50)	any	3,000 hours or five years, whichever occurs first

- (c) Notwithstanding the foregoing, the warranty set forth in this Section 3 shall not apply to any failure or defect caused by (i) the improper maintenance or use of the Product, including but not limited to abuse or neglect of the Product, use of the Product in any manner for which it was not designed, or adjustment, modification, alteration or repair not expressly authorized in writing or performed by EPS of any device, component or element of design installed to control emissions, (ii) accidents for which EPS has no responsibility, (iii) acts of God, or (iv) failure to assemble the Product according to EPS's instructions, to the extent EPS was not responsible for such assembly pursuant to a delegated assembly agreement or other agreement.
- (d) The warranty set forth in this Section 3 shall apply to products manufactured by third parties only if EPS is deemed to be the "manufacturer" for purposes of 40 CFR §1039.120, §89.1007, §90.1103, §1048.120 or §1054.120. If EPS is legally required to give an emission-related warranty for a product manufactured by a third party, (i) such product shall be deemed a Product for the purposes of this Warranty, except Section 2 hereof, and (ii) EPS's warranty under this Section 3 shall be no greater than the emission-related warranty required by applicable law. Nothing contained in any third party manufacturer's emission-related warranty shall modify or enlarge Buyer's rights hereunder.
4. **Warranty Claims and Waiver.** If Buyer discovers any defect in materials or workmanship in the Product, Buyer must deliver to EPS written notice of the claimed defect on or before the 30<sup>th</sup> day after the date on which Buyer discovers the claimed defect. EXCEPT WITH RESPECT TO A CLAIM UNDER SECTION 3, FAILURE TO GIVE TIMELY NOTICE OF A CLAIM UNDER THIS WARRANTY SHALL RESULT IN BUYER'S WAIVER OF SUCH CLAIM. Buyer's written notice to EPS pursuant to this Section 4 shall include (i) proof of purchase of the Product by the Buyer, (ii) the serial number of the Product (iii) the number of engine hours at the time of the claim and (iv) the date the Product was first put into service. A warranty claim form is available on EPS's website ([www.enginepowersource.com](http://www.enginepowersource.com)) or upon request. Notice of warranty claims must be delivered to Engine Power Source, 348 Bryant Blvd., Rock Hill, SC 29732, or such other address as EPS may specify.
5. **Inspection.** If Buyer claims that the Product is defective in materials or workmanship, EPS shall have the right to either examine the Product where it is located or, in its sole discretion, issue shipping instructions for return of the Product. Buyer shall prepay all transportation charges for such return, which EPS will reimburse if EPS determines the Product is defective.
6. **Remedies.** If EPS determines the Product is defective, EPS's will repair or replace, at no cost to Buyer, the defective Product. EPS shall have sole discretion as to which of these remedies EPS will provide. In connection with any repair or replacement hereunder, EPS will replace any service supplies such as coolant, oil and filters that are not reusable in the repaired or replaced Product. The remedies set forth in this Section 6 are EPS's sole and exclusive obligations and Buyer's exclusive remedies under this Warranty. EPS IS NOT LIABLE FOR ANY REPAIR OR MAINTENANCE COSTS INCURRED BY BUYER, UNLESS EPS AUTHORIZES SUCH CHARGES IN WRITING IN ADVANCE OF THE COMMENCEMENT OF THE WORK. Upon EPS's repair or replacement of the defective Product, the repaired or replaced Product will be warranted for the remainder of the warranty term applicable to the originally shipped Product, but the warranty shall not be extended beyond its original term.

7. **Exclusions from Warranty.** The warranty set forth in Section 2 shall not apply to:
- (a) normal wear and tear of the Product;
  - (b) normal maintenance services or replacement of maintenance items such as light bulbs, preheater plugs, indicator and resistant coils, filter elements, lubricants, oils, coolant, or belts;
  - (c) any goods, materials, parts or components manufactured by anyone other than EPS;
  - (d) any failure or defect attributable to overheating that is not a direct result of a defect in materials or workmanship;
  - (e) any failure or defect attributable to improper installation or break-in of the Product;
  - (f) any failure or defect attributable to failure to assemble the Product according to EPS's instructions, to the extent EPS was not responsible for such assembly pursuant to a delegated assembly agreement or other agreement;
  - (g) any failure or defect attributable to lack of proper inspection or maintenance;
  - (h) any failure or defect attributable to materials, components or products manufactured by a third party;
  - (i) any failure or defect attributable to usage or operation not in accordance with applicable operating manuals or instructions;
  - (j) any failure or defect attributable to any adjustment, modification, alteration or repair not expressly authorized in writing or performed by EPS;
  - (k) any failure or defect attributable to misuse, abuse or neglect of the Product or of any equipment in which the warranted Product is installed, including but not limited to operation without adequate fuel, coolant or lubricant, overfueling, overspeeding, lack of maintenance of cooling system or air intake system, or improper storage, warm-up, run-in or shut-down practices; or
  - (l) any failure or defect attributable to accidental damage or an act of God.
8. **Sales Advice, Engineering Work and Application Review.** In no event shall EPS's sales advice, performance of engineering work or performance of application review or testing express or imply any additional warranty coverage other than as stated in this Warranty. Nothing herein shall be construed to provide Buyer with a warranty from EPS for any specific application of any Product, regardless of whether EPS offered Buyer any advice regarding the Product, performed any engineering work on behalf of Buyer with respect to the Products or performed any application review or testing of such Product.
9. **Limitations on Liability.** THE WARRANTIES SET FORTH IN SECTIONS 2 and 3 HEREOF ARE EXCLUSIVE AND ARE MADE ONLY TO BUYER. EPS MAKES NO OTHER REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, AND SPECIFICALLY DISCLAIMS AND EXCLUDES ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY, NONINFRINGEMENT OR FITNESS FOR A PARTICULAR PURPOSE AND ANY REPRESENTATION OR WARRANTY ARISING BY USAGE OF TRADE, COURSE OF DEALING OR COURSE OF PERFORMANCE. No person is authorized to give any additional warranties on EPS's behalf or to assume for EPS any other liability, except in a writing signed by an authorized officer of EPS. EPS'S TOTAL LIABILITY FOR ANY CLAIM OR DAMAGE ARISING OUT OF OR IN CONNECTION WITH THE MANUFACTURE, SALE, DELIVERY OR USE OF THE PRODUCT WILL BE LIMITED TO PROVEN DIRECT DAMAGES, NOT TO EXCEED THE PURCHASE PRICE OF SUCH PRODUCT. IN NO EVENT WILL EPS BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, ANY CLAIM FOR LOSS OF ACTUAL OR ANTICIPATED REVENUES OR PROFITS OR COSTS OF EQUIPMENT RENTAL, PICK UP, DELIVERY OR DOWN

TIME. These limitations on liability will apply regardless of the form of action, whether in contract, tort, strict liability or otherwise, and whether damages were foreseeable and will survive failure of any exclusive remedies provided in Section 2 or 3 hereof.

10. **Choice of Law.** The terms and conditions contained herein and the rights of the parties to any transaction to which they relate shall be governed by and construed in accordance with the laws of the State of South Carolina, U.S.A. The United Nations Convention on Contracts for the International Sale of Goods shall not apply.

## **IMPORTANT EMISSION CONTROL INFORMATION**

EPS has installed in this equipment an engine that at the time of sale to the ultimate purchaser is in a certified emission configuration and meets emission standards required by applicable Federal and State regulations. MODIFYING, ALTERING, REMOVING, TAMPERING WITH OR RENDERING INOPERABLE ANY EMISSION CONTROL DEVICE, ENGINE COMPONENT OR ELEMENT OF DESIGN INSTALLED IN COMPLIANCE WITH FEDERAL OR STATE REGULATIONS MAY VIOLATE FEDERAL OR STATE LAW AND MAY RESULT IN FINES OR OTHER PENALTIES. EPS IS NOT RESPONSIBLE FOR ANY LIABILITY ARISING FROM THE MODIFICATION OR ALTERATION BY ANYONE OTHER THAN EPS OF ANY PRODUCT DELIVERED TO THE CUSTOMER.

WARNING: Modifying, altering or replacing the tailpipe or other exhaust components installed on this engine or equipment at the time of sale could cause failure of one or more emission control devices, especially if such modification, alteration or replacement increases the exhaust back pressure above 5.3kPa (40 mmHg). EPS is not responsible for any liability arising from the modification, alteration or replacement by anyone other than EPS of any product, regardless of whether such modification, alteration or replacement results in an exhaust back pressure above or below 5.3kPa (40 mmHg). **IF YOU CHOOSE TO MODIFY OR ALTER THE ENGINE OR EQUIPMENT, YOU DO SO AT YOUR OWN RISK.**

### **Certified Emission Engine Installation:**

This engine installation complies with the Clean Air Act 40 CFR 1068. You may not knowingly remove or render inoperative any device or element of design. You may not knowingly install any part that bypasses, impairs, defeats, or disables the control of emissions of any regulated pollutant.

Failure to comply with these regulations may violate federal or state law and may result in fines or other penalties per 40 CFR 1068 101(b)

## NEW PRODUCT WARRANTY



**PARTICIPATING OEM SALES  
DISTRIBUTOR SALES**

### LIMITED WARRANTY ON NEW ALLISON AUTOMATIC TRANSMISSIONS USED IN SCHOOL BUS APPLICATIONS

Allison Transmission, Inc. will provide for repairs or replacement, at its option, during the warranty period of each new Allison transmission listed below that is installed in a School Bus in accordance with the following terms, conditions, and limitations.

#### WHAT IS COVERED

- **WARRANTY APPLIES** — This warranty is for new Allison transmission models listed below installed in a School Bus and is provided to the original and any subsequent owner(s) of the vehicle during the warranty period.
- **REPAIRS COVERED** — The warranty covers repairs or replacement, at Allison Transmission’s option, to correct any transmission malfunction resulting from defects in material or workmanship occurring during the warranty period. Needed repairs or replacements will be performed using the method Allison Transmission determines most appropriate under the circumstances.
- **TOWING** — Towing is covered to the nearest Allison Transmission Distributor or authorized Dealer only when necessary to prevent further damage to your transmission.
- **PAYMENT TERMS** — Warranty repairs, including parts and labor, will be covered per the schedule shown in the chart contained in section “APPLICABLE MODELS, WARRANTY LIMITATIONS, AND ADJUSTMENT SCHEDULE.”
- **OBTAINING REPAIRS** — To obtain warranty repairs, take the vehicle to any Allison Transmission Distributor or authorized Dealer within a reasonable amount of time and request the needed repairs. A reasonable amount of time must be allowed for the Distributor or Dealer to perform necessary repairs.
- **TRANSMISSION REMOVAL AND REINSTALLATION** — Labor costs for the removal and reinstallation of the transmission, when necessary to make a warranty repair, are covered by this warranty.
- **WARRANTY PERIOD** — The warranty period for all coverages shall begin on the date the transmission is delivered to the first retail purchaser, with the following exception:

**Demonstration Service** - A transmission in a new truck or bus may be demonstrated to a total of 5000 miles (8000 kilometers). If the vehicle is within this limit when sold to a retail purchaser, the warranty start date is the date of purchase. Normal warranty services are applicable to the demonstrating Dealer. Should the truck or bus be sold to a retail purchaser after these limits are reached, the warranty period will begin on the date the vehicle was first placed in demonstration service and the purchaser will be entitled to the remaining warranty.

#### APPLICABLE MODELS, WARRANTY LIMITATIONS, AND ADJUSTMENT SCHEDULE

APPLICABLE MODELS	WARRANTY LIMITATIONS (Whichever occurs first)		ADJUSTMENT CHARGE TO BE PAID BY THE CUSTOMER	
	Months	Transmission Miles Or Kilometers	Parts	Labor
B, MD, HD, 1000, 1000 Series, 2000 Series, 2100, 2200, 2400 Series, 2500, 3000	0-36	No Limit	No Charge	No Charge
1000 PTS, 2100 PTS, 2200 PTS, 2350 PTS, 2500 PTS, 2550 PTS, 3000 PTS	0-36*	0-100,000 m 0-160 000 km	No Charge	No Charge

\* Effective July 2006, the Allison transmission in your vehicle may be covered by additional extended coverage, dependent on the Original Equipment Manufacturer (OEM) which manufactured your vehicle. This additional coverage requires continued use of an Allison Approved TES 295 automatic transmission fluid and genuine Allison filters. Please consult your OEM Dealer or authorized Allison Transmission Distributor or Dealer for specific information.

## WHAT IS NOT COVERED

- **DAMAGE DUE TO ACCIDENT, MISUSE, or ALTERATION** — Defects and damage caused as the result of any of the following are not covered:
  - Flood, collision, fire, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle;
  - Misuse of the vehicle;
  - Installation into unapproved applications and installations;
  - Alterations or modification of the transmission or the vehicle, and
  - Damage resulting from improper storage (refer to long-term storage procedure outlined in the applicable Allison Service Manual)
  - Anything other than defects in Allison Transmission material or workmanship

**NOTE:** This warranty is void on transmissions used in vehicles currently or previously titled as salvaged, scrapped, junked, or totaled.

- **CHASSIS, BODY, and COMPONENTS** — The chassis and body company (assemblers) and other component and equipment manufacturers are solely responsible for warranties on the chassis, body, component(s), and equipment they provide. Any transmission repair caused by an alteration(s) made to the Allison transmission or the vehicle which allows the transmission to be installed or operated outside of the limits defined in the appropriate Allison Installation Guideline is solely the responsibility of the entity making the alteration(s).
- **DAMAGE CAUSED by LACK of MAINTENANCE or by the USE of TRANSMISSION FLUIDS NOT RECOMMENDED in the OPERATOR'S MANUAL** — Defects and damage caused by any of the following are not covered:
  - Failure to follow the recommendations of the maintenance schedule intervals applicable to the transmission;
  - Failure to use transmission fluids or maintain transmission fluid levels recommended in the Operator's Manual.
- **MAINTENANCE** — Normal maintenance (such as replacement of filters, screens, and transmission fluid) is not covered and is the owner's responsibility.
- **REPAIRS by UNAUTHORIZED DEALERS** — Defects and damage caused by a service outlet that is not an authorized Allison Transmission Distributor or Dealer are not covered.
- **USE of OTHER THAN GENUINE ALLISON TRANSMISSION PARTS** — Defects and damage caused by the use of parts that are not genuine Allison Transmission parts are not covered.
- **EXTRA EXPENSES** — Economic loss and extra expenses are not covered. Examples include but are not limited to: loss of vehicle use; inconvenience; storage; payment for loss of time or pay; vehicle rental expense; lodging; meals; or other travel costs.
- **"DENIED PARTY" OWNERSHIP** — Warranty repair parts and labor costs are not reimbursed to any participating or non-participating OEMs, dealers or distributors who perform warranty work for, or on behalf of, end users identified by the United States as being a "denied party" or who are citizens of sanctioned or embargoed countries as defined by the U.S. Department of Treasury Office of Foreign Assets Control. Furthermore, warranty reimbursements are not guaranteed if the reimbursement would be contrary to any United States export control laws or regulations as defined by the U.S. Department of Commerce, the U.S. Department of State, or the U.S. Department of Treasury.

## OTHER TERMS APPLICABLE TO CONSUMERS AS DEFINED by the MAGNUSON-MOSS WARRANTY ACT

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Allison Transmission does not authorize any person to create for it any other obligation or liability in connection with these transmissions. **ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO THESE TRANSMISSIONS IS LIMITED IN DURATION TO THE DURATION OF THIS WRITTEN WARRANTY. PERFORMANCE OF REPAIRS AND NEEDED ADJUSTMENTS IS THE EXCLUSIVE REMEDY UNDER THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY. ALLISON TRANSMISSION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES (SUCH AS, BUT NOT LIMITED TO, LOST WAGES OR VEHICLE RENTAL EXPENSES) RESULTING FROM BREACH OF THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY.\*\***

\*\* Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

## OTHER TERMS APPLICABLE TO OTHER END-USERS

**THIS WARRANTY IS THE ONLY WARRANTY APPLICABLE TO THE ALLISON TRANSMISSION MODELS LISTED ABOVE AND IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALLISON TRANSMISSION DOES NOT AUTHORIZE ANY PERSON TO CREATE FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH SUCH TRANSMISSIONS. ALLISON TRANSMISSION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM BREACH OF THIS WARRANTY OR ANY IMPLIED WARRANTY.**

## QUESTIONS

If you have any questions regarding this warranty or the performance of warranty obligations, you may contact any Allison Transmission Distributor or Dealer or write to:

Allison Transmission, Inc.  
P.O. Box 894  
Indianapolis, IN 46206-0894  
Attention: Warranty Administration PF-9

Form SE0610EN (201112)



211 American Avenue Greensboro, North Carolina 27409  
Toll Free: (877)905-4678 Local: (336)297-9600  
www.MSVehicles.com

### **EXCLUSIVE LIMITED WARRANTY**

Matthews Specialty Vehicles, Inc. ("MSV") warrants to the original purchaser only that each dry freight, refrigerated and vending style van body (hereinafter collectively referred to as "Van Body") shall be free from defects in design, workmanship and materials, when used in normal commercial service and when properly maintained in accordance with MSV standards, for a period of three (3) years from the date of delivery of the Van Body, subject to the following conditions, exceptions, restrictions and limitations:

MSV hereby warrants all paint, finishes, pre-painted sheets, wood flooring, wiring, caulking, protection against water leaks, overhead doors, walk ramp, and panel door hardware, for a period of only one (1) year following delivery of the Van Body, subject to the conditions, exceptions, restrictions and limitations contained herein.

This Exclusive Limited Warranty shall not apply to: (1) defects in the design, workmanship or materials of the vehicle chassis except that, in the event and solely to the extent that MSV has in any way modified or altered the vehicle chassis in constructing and installing the Van Body, this limitation shall not apply with respect to any such modification or alteration; (2) defects arising out of deterioration of any aspect of the Van Body due to normal wear and tear and exposure to the elements; and (3) defects in the design, workmanship and materials of products separately manufactured and not designed and constructed by MSV, but which are merely assembled or installed by MSV on the Van Body, including, but not limited to, component parts and accessories such as lift gates, hoists, refrigeration, and air conditioning units, cargo holding devices, handles, latches, and other accessories required by the original purchaser. To the extent a manufacturer or supplier of the vehicle chassis and other component parts assembled or installed by MSV on the Van Body has provided warranties to MSV, MSV agrees to assign said warranties to the original purchaser of the Van Body to the extent assignable. In no event shall MSV be deemed to have joined in the warranty assigned or, by such assignment, to have made any separate warranty apart from that which is contained in this Exclusive Limited Warranty, and MSV does not warrant that the vehicles chassis or any such component part meets the conditions of any assigned manufacturers' or suppliers' warranties.

This Exclusive Limited Warranty shall be void with respect to any particular Van Body if (a) the total weight of the Van Body and its cargo at any time exceeds the Gross Vehicle Weight Rating ("GVWR") established by the chassis manufacturer and specified on the vehicle identification plate affixed to the vehicle by the chassis manufacturer prior to delivery; (b) the load weight of any axle on the Van Body at any time exceeds the Gross Axle Weight Rating ("GAWR") established by the chassis manufacturer and specified on the vehicle identification plate affixed to the vehicle by the chassis manufacturer; (c) the Van Body is at any time damaged in a collision or other accident, damaged as a result of abuse, misuse, or neglect in any manner (including use of loading equipment), or unlawful operation of the Van Body or vehicle on which it was installed; (d) the Van Body is damaged by corrosive, hazardous or inherently unsafe or dangerous cargo; (e) the Van Body is not maintained in accordance with MSV's published maintenance schedule which the original purchaser confirms receipt of; or (f) the Van Body is repaired, altered or modified in any respect by other than a MSV-authorized service center or service technician unless such repairs, alterations and modifications are specifically authorized, in writing,



211 American Avenue Greensboro, North Carolina 27409  
Toll Free: (877)905-4678 Local: (336)297-9600  
www.MSVehicles.com

by MSV engineering or service personnel. Under no circumstances are MSV sales personnel authorized to approve or authorize repairs, alterations or modifications to a Van Body.

This Exclusive Limited Warranty shall be void with respect to any particular defect on any particular Van Body unless MSV shall be informed, in writing, of the existence of the claimed defect within the earlier of (1) thirty days after the discovery of the defect or (2) such shorter time that is necessary to effect repair or replacement of the defect in order to avoid aggravation or worsening of the existing defect or the creation of additional damage. This Exclusive Limited Warranty shall not apply to (1) any defect which was caused or created by a known prior existing defect or (2) any aggravation or worsening of an existing known defect, which could have been avoided by timely and reasonable attention and repair or replacement of such existing defect.

**THIS WARRANTY IS MADE BY MSV SOLELY TO THE ORIGINAL PURCHASER OF THE VAN BODY AND IS EXPRESSLY GIVEN IN LIEU OF ANY AND ALL OTHER WARRANTIES EXPRESS OR IMPLIED. MSV EXPRESSLY DISCLAIMS AND MAKES NO IMPLIED WARRANTY OF MERCHANTABILITY AND NO IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER WARRANTY, EXCEPT AS EXPRESSLY SET FORTH HEREIN.**

The sole and exclusive remedy for any defect covered by this warranty shall be limited to the repair or replacement of such Van Body, or warranted component thereof, at MSV's option; provided that, MSV shall not be liable, in repair or replacement of a Van Body, for an amount greater than the Pro rata Value of the Van Body. The "Pro rata Value" shall be calculated by multiplying the sale price of the Van Body by a fraction, the numerator of which is the remaining term of the warranty (as expressed in days) applicable to the defect, as of the date of notification of the defect to MSV, and the denominator of which is the full term of said warranty, as applicable, expressed in days.

**MSV SHALL NOT BE RESPONSIBLE OR OTHERWISE HELD LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM ANY CLAIM RELATED TO A VAN BODY AND DEFECTS COVERED BY THIS EXCLUSIVE LIMITED WARRANTY, INCLUDING, BUT NOT LIMITED TO, CARGO LOSS, LOSS OF USE, PROPERTY DAMAGE, PERSONAL INJURY (INCLUDING DEATH) OR OTHER COMMERCIAL OR ECONOMICAL USE.**

This Exclusive Limited Warranty provides the sole and exclusive warranty to the exclusion of all oral statements or other writings made by MSV or its agents. No other warranties or affirmations made outside this written warranty shall be effective. This Exclusive Limited Warranty is not transferable by the original purchaser.

The original purchaser shall contact the "Customer Service Department" of Matthews Specialty Vehicles, Inc at 211 American Avenue Greensboro, North Carolina, 27409, Telephone (336) 297-9600, for authorization for correction of all deficiencies covered by this warranty. All warranty claims are subject to MSV approval and must be submitted in writing to MSV within the applicable warranty period and other time limitations set forth above to be valid.



altro



## Altro Transflor Meta™

Typical applications:

**Bus, coach, shuttle and emergency vehicles. Non-restricted rail and maritime applications.**

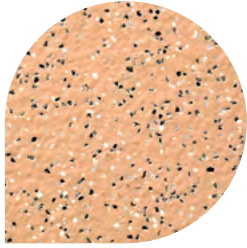
Altro Transflor Meta is engineered in three thicknesses (1.8mm / 2.2mm / 2.7mm) making it highly resilient, functional flooring to meet your installation requirements.

Silicon carbide and aluminum oxide grains for slip-resistance are included in the construction and dimensional stability is increased by including scrim in the middle. Altro Transflor Meta also benefits from Altro Easyclean Technology for improved cleanliness, reduced dirt pick-up and enhanced color retention.

This safety flooring has been designed with your passengers' comfort in mind. We've opted for subdued deep tones to create calm interiors and have twelve colors in the range to suit your mood.

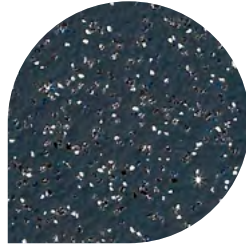
This range includes safety color options, designed to increase passenger awareness and safety in areas such as on stairs and entrances.





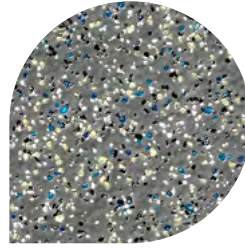
**Bison** LRV: 21

TFM1847 (1.8mm)  
TFM2247 (2.2mm)  
TFM2747 (2.7mm)  
WR63 / A1M239



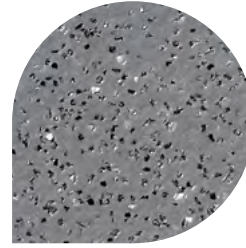
**Midnight** LRV: 8

TFM18421 (1.8mm)  
TFM22421 (2.2mm)  
TFM27421 (2.7mm)  
WR72 / A1M72



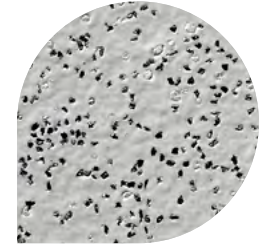
**Storm** LRV: 16

TFM18903 (1.8mm)  
TFM22903 (2.2mm)  
TFM27903 (2.7mm)  
WR82 / A1M82



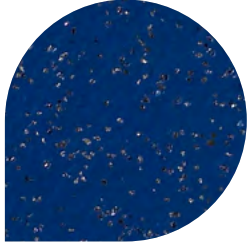
**Genome** LRV: 15

TFM1802 (1.8mm)  
TFM2202 (2.2mm)  
TFM2702 (2.7mm)  
WR83 / A1M83



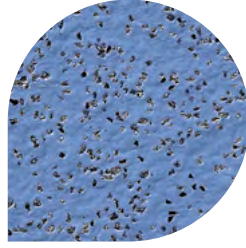
**Pewter Gray** LRV: 25

TFM1889 (1.8mm)  
TFM2289 (2.2mm)  
TFM2789 (2.7mm)  
WR181 / A1M81



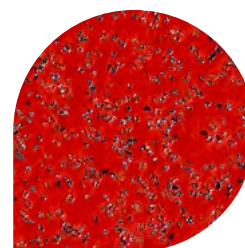
**Radial** LRV: 7

TFM1806 (1.8mm)  
TFM2206 (2.2mm)  
TFM2706 (2.7mm)  
WR39 / A1M73



**Diablo** LRV: 13

TFM1875 (1.8mm)  
TFM2275 (2.2mm)  
TFM2775 (2.7mm)  
WR249 / A1M249



**Torino** LRV: 10

TFM1874 (1.8mm)  
TFM2274 (2.2mm)  
TFM2774 (2.7mm)  
WR248 / A1M238



**Black** LRV: 7

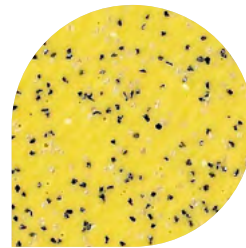
TFM18892 (1.8mm)  
TFM22892 (2.2mm)  
TFM27892 (2.7mm)  
WR100 / A1M100

## Accent and safety colors



**Safety White** LRV: 58

TFM2200 (2.2mm)  
TFM2700 (2.7mm)  
WR01 / A1M01



**Safety Yellow** LRV: 46

TFM2229 (2.2mm)  
TFM2729 (2.7mm)  
WR08 / A1M200



Color matched **Weldrods (WR)** and **Mastics (AM)** are available. You'll find their product codes under product SKUs.



All products **available in roll and kit** format. Custom colors are also available.



### Samples

Experience has shown that printing cannot reproduce colors accurately.

If color choice is critical, please request a sample of the material.

Dimensions	<b>6'7" x 66' / 2m x 20m</b>		
Thickness	<b>1.8mm</b>	<b>2.2mm</b>	<b>2.7mm</b>
Weight	<b>2.4kg/m<sup>2</sup></b> <b>4.4lb/yd<sup>2</sup></b>	<b>2.8kg/m<sup>2</sup></b> <b>5.15lb/yd<sup>2</sup></b>	<b>3.4kg/m<sup>2</sup></b> <b>6.25lb/yd<sup>2</sup></b>
Format	<b>ROLL and KIT</b>		



LRV = Light reflectance value