

STANDARD EMISSIONS COMPONENT WARRANTY CERTIFICATE (EPA 2014)



Mack Trucks, Inc. warrants certain individual components of each new Mack MP7, MP8 and MP10 EPA 2014 emission engine in a new Mack truck to be free from defects in material and workmanship under normal use and service up to the periods specified, provided all Mack Trucks, Inc.'s maintenance and inspection requirements are followed. See your local authorized Mack dealer for recommended maintenance and inspection procedures. All warranty periods are calculated from the date in service of the vehicle. All coverage is 100% for parts and labor subject to the qualifications, limitations and exclusions as noted.

LIMITATIONS AND EXCLUSIONS TO THIS WARRANTY APPEAR ON THE FOLLOWING PAGES OF THIS CERTIFICATE. THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

This warranty applies to new Mack MP7, MP8, and MP10 engines meeting EPA 2014 emission requirements in new Mack trucks operated in the United States and Canada and placed in service on or after **January 1, 2014**. Mack Trucks, Inc. reserves the right to make any changes in design, or make additions to or upon its products, without incurring any obligations to install the same changes on vehicles previously built.

Emissions Components Coverage: 60 months, or 100,000 miles (160,934 kilometers), whichever occurs first.

Emission Control System Warranty

Engine emission controls manufactured by Mack Trucks, Inc. are warranted to 60 months or 100,000 miles (160,934 kilometers), whichever occurs first. Vehicles sold for use in California must have the Operator's Manual in the vehicle which contains the California Emission System Warranty.

Mack Engine Oil Specifications and Oil Change Intervals

The owner is required to operate and maintain the Mack engine as directed in the Mack service manuals. See the Maintenance and Lubrication Manual (Preventative Maintenance Program and Lubricant Specifications) supplied with the vehicle at the time of purchase for details.

USE OF FLUIDS OTHER THAN API CERTIFIED DIESEL EXHAUST FLUID (DEF) WILL COMPROMISE AFTERTREATMENT SYSTEM PERFORMANCE, INCREASE EMISSIONS, AND MAY IMPACT THIS TRUCKS PRODUCT WARRANTIES.

SEE FOLLOWING TABLE FOR SPECIFIC COVERAGES:

Covered Emission Components List: 60 Months or 100,000 Miles	Qualifications and Limitations
Aftertreatment Control Module (ACM)	
Aftertreatment Diesel Particulate Filter (DPF) with Aftertreatment Diesel Oxidation Catalyst (DOC)	Includes: Aftertreatment Doser, Aftertreatment Fuel Shutoff Valve, Aftertreatment Fuel Pressure Sensor, Engine Exhaust Gas Temperature (EGT) Sensor, Aftertreatment DPF Intake Temperature Sensor, Aftertreatment DPF Outlet Temperature Sensor, Aftertreatment DPF Differential Pressure Sensor
Aftertreatment Wiring Harness (DPF)	
Aftertreatment Wiring Harness (SCR)	Includes: Jumper to AHI Pressure Regulator, ACM Power Supply, Heater NOx Care, DEF Tank
Charge Air Cooler (CAC)	
Crankcase Breather	Excludes: Crankcase Pressure Sensor
Crankcase Separator	
Crankcase Tubing & Hoses before Separator	
EGR Cooler	
EGR Valve and EGR Valve Control	
EGR Venturi	
Engine Control Module (ECM)	
Engine Turbocharger Assembly	Includes: Variable Geometry Turbo (VGT) Actuator
Exhaust Gas Piping	(From Turbocharger to Aftertreatment System)
Injectors	

Covered Emission Components List: 60 Months or 100,000 Miles	Qualifications and Limitations
Instrument Cluster	Limited to Repair of Microprocessor
Selective Catalytic Reduction (SCR)	Includes: Aftertreatment Selective Catalytic Reduction (SCR) Catalyst, Aftertreatment Diesel Exhaust Fluid (DEF) Pump (Aftertreatment DEF Dosing Absolute Pressure Sensor, Aftertreatment DEF Return Valve), Aftertreatment DEF Dosing Valve, Aftertreatment DEF Tank, Aftertreatment DEF Tank Heater/Sender, Aftertreatment DEF Tank Heater, Aftertreatment DEF Tank Heater Valve, Aftertreatment DEF Tank Temperature Sensor, Aftertreatment DEF Level Sensor, Aftertreatment DEF Heated Lines, Aftertreatment DEF Quality Sensor
Sensor, Aftertreatment Intake NOx	
Sensor, Aftertreatment Outlet NOx	
Sensor, Ambient Air Temperature Sensor	
Sensor, Crankshaft Position (CKP)	
Sensor, Engine Coolant Temperature (ECT)	
Sensor, Engine Exhaust Gas Recirculation (EGR) Differential Pressure Sensor	
Sensor, Engine Exhaust Gas Recirculation (EGR) Temperature	
Sensor, Intake Manifold Air Temperature/Pressure	
GHG Covered Component 24 months or 24,000 miles (38,625 KM)	Qualifications and Limitations
Tires	Drive and Steer Only: The first 24 months or 38,624 km (24,000 miles) of vehicle operation, whichever occurs first, and applying only to the first set of tires on the vehicle when delivered to the ultimate purchaser. Subject to the terms and conditions of the tire manufacturer's warranty, excluding retreads. Emissions related warranty coverage only, refer to the specific tire manufacturer's warranty policy for other term lengths.
GHG Covered Components 60 months or 100,000 miles (160,934 KM) (Only those vehicles certified as "Highway Tractors" according to the requirements of Chapter 40 of the Code of Federal Regulations, Part 1037	Qualifications and Limitations
Exterior Components	Limited to: Chassis Fairings, Ground Effect Extensions, Roof Deflectors, Cab Side Deflectors, Adjustable Roof Extensions, Side Deflector Extensions, Bumper Deflectors, A-pillar Deflectors
Air Conditioning Components	Limited to: A/C Compressor; A/C Condenser; A/C Pressure Switches and Transducers; Bunk Climate Unit; Hoses (Compressor to Condenser, Condenser to Drier, Drier to Climate Unit, Climate Unit to Compressor, Bunk Climate Unit); Main Climate Unit; Receiver Drier, Spring Loaded, 12 cubic inch

Mack Trucks, Inc. reserves the right to make any changes in design or to make additions to or upon its products without incurring any obligations to install the same on vehicles previously built.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

LIMITATIONS: Mack Trucks, Inc.'s obligation is limited to, at its sole option, repair or replacement of parts which are acknowledged by it to be defective. In the case of acknowledged defective assemblies, exchange with factory rebuilt units may occur. The defective parts or assemblies replaced shall become the property of Mack Trucks, Inc. Warranty repairs performed by an authorized Mack dealer in accordance with the terms of the warranty set forth herein are free of charge. Warranty repairs do not constitute an extension of the original warranty period for the engine or any part thereof. Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack dealer upon discovery and the engine must be made available, in a timely fashion during the coverage period, for repair.

NO PAYMENT OR OTHER COMPENSATION WILL BE MADE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL EXPENSES OR DAMAGES OF ANY KIND.

EXCLUSIONS:

1. **REPAIR:** Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack dealer upon discovery and the truck must be made available, in a timely fashion during the warranty period, for repair. Failures resulting from the user's unreasonable delay in making the truck available, after being notified of a potential product problem, are not covered.
2. **DAMAGES:** Damages due to accidents, misuse, negligence, improper operations, alterations, storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, and improper or insufficient maintenance services are not covered. Damages due to failure to follow Mack Trucks Inc.'s recommended service procedures are considered damages due to improper maintenance services.
3. **PROGRESSIVE DAMAGE:** Damages due to failure of operator to take reasonable precautions to mitigate damage are not covered. Damages to covered part due to failure of non-covered part are not covered. Coverage is limited to failure of covered part directly causing failure of non-covered part, where operator took reasonable precautions to mitigate damages.
4. **APPLICATION:** The selling dealer is responsible for the correct application and/or specification for a vehicle sold to a customer. Vehicle application problems, including but not limited to, replacement of incorrect axle or transmission gear ratios, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a vehicle for a purpose of which it was not intended are not covered.
5. **ALTERATIONS:** Any vehicle or vehicle system repaired, altered, or inspected in any way, so as to adversely affect, in Mack Trucks, Inc.'s sole judgment, its stability, durability, or reliability, is not covered.
6. **OPTIONAL EQUIPMENT:** Any part of the truck that fails, malfunctions, or does not perform as a result of improper conversion or installation of special bodies or equipment by other manufacturers or suppliers is not covered.
7. **MAINTENANCE AND PARTS CONSUMED ("Consumables"):** Normal maintenance services including, but not limited to, replacement of oil filters, adjustments of the engine, injection pump, and all other adjustments, are not covered. Parts which are normally consumed or worn out during the engine's normal service life and customarily replaced during usual maintenance service including but not limited to filters are not covered after the first 30 days from the in-service date.
8. **PERFORMANCE COMPLAINTS:** Performance complaints are not covered (for example, low power and poor fuel economy) unless caused by the failure of a qualified part.
9. **OIL CONSUMPTION:** Before a claim for excessive oil consumption will be considered, the owner must provide proof that all recommended maintenance has been performed and submit adequate documentation to show that oil consumption exceeds the Mack published standards. Under no circumstances will warranty pay for excessive oil consumption after 24 months or 250,000 miles (402,000 km).
10. **WEAROUT:** Mack Trucks, Inc. does not cover normal wear of covered parts. Cylinder liner, piston and piston rings failures attributable to wear are specifically excluded from this warranty. The wear rate of parts in any engine, and especially those parts within the combustion area, will vary depending upon operating conditions and environment. Conditions, such as load, trailer configuration, road speed and road conditions, as well as the quality of fuel, lubrication oil, and all filters bear a direct relationship to the wear rate and resulting life of parts. Depending upon the severity of these various conditions, parts wear and resulting failure could occur within the time limit of the coverage.
11. **NON-GENUINE PARTS:** Any vehicle which has been repaired by use of parts and accessories, as well as major assemblies and exchange units, which do not meet factory standards and which cause a vehicle component or system to fail, are not covered.
12. **VENDOR ENGINES:** The vendor engine used in certain Mack trucks are warranted by the engine's respective manufacturer and not by Mack Trucks, Inc. Refer to the engine manufacturer's warranty statement.
13. **ODOMETER READING:** Any vehicle in which the odometer has been disconnected or the mileage reading has been altered and/or the actual mileage cannot be readily determined is not covered.
14. **ACCESS TO INFORMATION:** The user must allow Mack Trucks, Inc. full access to all data stored in all Electronic Control Modules; failure to do so may result in the loss of warranty coverage.
15. **PREMIUM LABOR:** Labor for overtime and/or shift differential is not covered.
16. **EXCESSIVE LABOR:** Excessive labor for a warrantable repair due to the prior installation of equipment or body is not covered.
17. **MISC. EXPENSE:** Meals, lodging, electronic messaging equipment, travel time and expense, loss of cargo, downtime, loss of profit/revenue, rental vehicles, or driver's wages and other miscellaneous expenses are not covered. Shop supplies, lube oil, lubricants, sealers, anti-freeze, filter elements and labor performed by a non-approved location are not covered.
18. **ADDITIONAL COMPONENTS:** Components or parts that are not installed by Mack Trucks, Inc. are not covered. During a warrantable repair, additional time to remove any customer installed bodies, components, and accessories will not be covered under warranty. Mack factory manufacturing records will be determinative as to factory installed components.

MACK®

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