

Overhaul Extended Warranty Registration Form

Mack E7 Engines

Mack Trucks Inc. offers an extended (purchased) coverage plan to purchasers of an engine overhaul or remanufactured engine when installed at the dealership. This plan is intended to provide the truck owner with additional coverage from failures that may occur after the Standard Parts Warranty has expired and until the date of expiration of this Purchased Coverage. Extended (purchased) coverage plan is applicable only to vehicles that are operated exclusively in the United States and Canada. Purchased coverage consideration can only be given if the deficiency is brought to the attention of an authorized Mack Trucks dealer upon discovery and the engine must be made available, in a timely fashion during the coverage period, for repair.

*Please submit this Form within 60 days of close of Repair Order

eService Case Number 1-11373404661

 Dealer Code
 A327
 Dealer Name
 PENNSYLVANIA TRUCK CENTERS INC.

 Customer Information
 Name
 Address

 Address
 City
 State
 ZIP

 Customer Vehicle
 VIN 1M2AG11C26M048580

 Chassis Model
 CV713
 Chassis Serial
 1M2AG11C26M048580

 Engine Model
 Al-400 ASET
 Engine Serial
 5W1146

 New Engine Serial (Level 4 & 5)
 95178449

 Repair Order Information
 RO No. 68819
 RO Close Date
 3/14/2019

 Mileage at Overhaul
 232794
 Overhaul Level
 4

 Mileage Covers Expires
 582794
 Date Coverage Expires
 3/14/2022

Pre-Overhaul Engine Condition Checklist

The following systems and components must be inspected and performing to specifications. Place a check beside appropriate area where leaking, worn or non-performing components are found. All parts that are found not to be performing to specifications must be repaired or replaced prior to the engine being accepted into the Mack Overhaul Program for coverage. These systems and components are not among the parts covered under the Mack Overhaul Warranty.

	Radiator & Cooling System		□ Exhaust System	Exhaust System					
	Air Intake System & Piping		□ Charge Air Co	Charge Air Cooler System					
	Hoses & Clamps			Air Compressor					
	ECUs, Sensors & Wiring		□ Clutch Adjust	Clutch Adjustment					
			□ Engine Belts						
	The following components must be inspected and tested for reuse. Place a check beside any component listed that fails to meet specifications. Components that fail to meet specifications must be replaced. Components that do not meet specifications and are not replaced will disqualify the engine from being covered under the Mack Overhaul Program. Refer to appropriate Mack Technical Service Information for specifications.								
	Cylinder Block		Oil Pan		Coolant Pump				
	Crankshaft _		Intake Manifold		Cylinder Head				
	Camshaft		Exhaust Manifold		Belt Tensioner				
	Turbocharger		Rocker Assembly						
Ė	Valve Cover								

Extended Coverage Explanation

Available Three Year / 350,000 Miles* (563,270 km) Extended Coverage When a conforming engine overhaul is performed or a remanufactured basic engine is installed by an authorized dealer, the customer has the option to purchase additional warranty coverage (no additional charge for level 3 & 4).

The cost of the additional coverage varies depending on the level of the overhaul package purchased by the customer. The level is determined by the parts that must be purchased at time of installation, as described below.

Note: Although levels 3 & 4 do not have additional cost for the extended coverage, the warranty still needs to be registered with Mack.

^{*}Customer must retain this contract and provide along with the repair order in order to submit a claim.

Cost and Components required for 3 Year Extended Coverage

All required parts must be installed at time of overhaul

Level 1 (BASIC) \$750 Extended Warranty Cost (Canadian cost varies with exchange rate)

- Mack Genuine In-frame or Muzzleloader Overhaul Kit
- Mack Genuine Oil Pump
- Mack Premium Engine Oil
- Mack Premium Coolant
- · Mack Genuine Filters (oil, fuel, coolant)
- Thermostat

Level 2 (PLUS) \$450 Extended Warranty Cost (Canadian cost varies with exchange rate)

- Components listed in Level 1
- REMACK Cylinder Heads

Level 3 (PREMIUM) No Additional Cost for Extended Warranty

- Componets Listed in Levels 1 & 2
- REMACK Injector Nozzles (Qty 6)
- REMACK Turbo Kit

Level 4 (REMACK BASIC 3/4 ENGINE) No Additional Cost for Extended Warranty

- REMACK Basic (3/4) Engine
- Mack Premium Engine Oil
- Mack Premium Coolant
- Mack Genuine Filters (oil, fuel, coolant)
- REMACK Turbo Kit
- REMACK Injector Nozzles (Qty 6)

For the Extended Warranty to be valid, all criteria, including required parts, has to be met. Any deviations to the warranty criteria, must be approved <u>PRIOR</u> to overhaul completion.

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				Service Control
Warranty Coverage By	Basic	Plus	Premium	REMACK Basic 3/4
Component	Junio	, .04		Engine
Crankshaft Bearings	Covered	Covered.	Covered	Covered
Connecting Rod Bearings	Covered	Covered	Covered	Covered
Pistons and Rings	Covered	Covered	Covered	Covered
Connecting Rod Caps	Covered	Covered	Covered	Covered
Cylinder Head Gasket	Covered	Covered	Covered	Covered
Engine Block Casting	Covered :	Covered .	Covered	Covered
Intake Manifold Casting	Covered	Covered	Covered	Covered
Exhaust Manifold Casting	Covered	Covered	Covered	Covered
Flywheel and Bolts	Covered	Covered	Covered	Covered
Flywheel Housing	Covered	Covered	Covered	Covered
Timing Gears	Covered	Covered	Covered	Covered
Camshaft				2 year/unlimited miles
Crankshaft	Covered	Covered	Covered	Covered
Main Caps and Bolts	Covered	Covered	Covered	Covered
Thermostat Housing	Covered	Covered	Covered	Covered
Valve Cover	Covered	Covered	Covered	Covered
Crankshaft Dampener& Bolts	Covered	Covered	Covered	Covered
Oil Pan	Covered	Covered	Covered	Covered
Engine Oil Cooler	Covered	Covered	Covered	Covered
Oil Cooler Housing	Covered	Covered	Covered	Covered .
Oil Pump	Covered	Covered	Covered	Covered
Cylinder Head Casting & Bolts		Covered	Covered	Covered
Rocker Arm Assemblies		Covered	Covered	Covered
Intake & Exhaust Valves		Covered	Covered	Covered
Turbo & Mounting Bolts		- :	Covered	Covered
Injectors		,	2 year/unlimited miles	2 year/unlimited miles
Reman Basic Engine				Covered

^{*}Dealer is responsible for using correct part numbers for the application

Used Truck Awaiting Sale

In the event the Engine involved is in a used truck awaiting sale by a used truck dealer when the repair is performed, this additional coverage begins on the date of sale or of lease/rental by the truck dealer to an end user of the truck, whichever occurs first.

Used truck awaiting sale in dealer's truck inventory must be sold within 12 months or 500 miles (805 kilometers), whichever occurs first, from the date of completion of repair. Trucks sold after 12 months or 500 miles (805 kilometers) will be solely covered from mileage and date of completion of repair

Date Code Jan 2019

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.

Excluded Components

The following components are not covered by the Extended Overhaul Warranty

EGR Components – cooler & pipes, control valves, exhaust gas pipes, hoses, clamps, fittings & tubes, mixing chamber, reed valve, temp sensors, cooler dampener and heat shields.

Engine Control Components - ECU, Engine wiring harnesses and sensors.

Preheater Components - Preheater element, gaskets and wiring harness.

Charge Air Components – Charge Air Cooler, piping, hoses and clamps. Exhaust Components – Muffler, piping and clamps.

Cooling System – Radiator, hoses, clamps, piping, fan & drive and belts. Aftertreatment components, DPF, SCR units sensors, wiring and control units

OWNER'S RESPONSIBILITIES

The owner must adhere to the preventive maintenance and inspection recommendations as outlined for the covered vehicle, and keep service records at the owner's place of business or at the servicing dealer. Only genuine Mack replacement parts, or their equivalent, must be used. The operator of the covered vehicle must use reasonable care to prevent further damage in case of a fallure. Coverage consideration can only be given if the deficiency is brought to the attention of an authorized Mack Trucks dealer upon discovery and the vehicle must be made available, in a timely fashion during the recovery period, for repair. Supply repairing dealer with a copy of the maintenance log and/or furnish copies of backup documentation, if requested.

Limitations: Mack Truck'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. Warranty repairs performed by an authorized MackTrucks 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 Trucks 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, INCIDENTAL EXPENSES OR DAMAGES OF ANY KIND.

Exclusions

- 1.REPAIR: In the case of acknowledged defective Covered Parts, exchange with factory remanufactured parts may occur. Warranty repairs do not constitute an extension of any warranty period for any vehicle, component or part.
- 2. DAMAGES: Damages due to misapplication, misuse, accidents, negligence, improper operations, alterations, storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, failure to follow Mack Trucks' recommended inspection, maintenance, and service procedures, and improper or insufficient maintenance services are not covered.
- 3. PROGRESSIVE DAMAGE: Damages due to failure of operator to take reasonable precautions to mitigate damage are not covered. Damages to a Covered Part due to failure of non-covered part are not covered. Coverage is limited to failure of a Covered Part directly causing failure of a non-covered part, where reasonable precautions were taken to mitigate damages.
- 4. APPLICATION: The selling dealer is responsible for designating the correct application and/or specification for a vehicle sold to a customer. Damages due to misapplication, including but not limited to, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a vehicle, component or part for a purpose for which it was not intended are not covered.

- 5. ALTERATIONS: Any vehicle, component or part repaired, altered, or inspected in any way, so as to adversely affect, in Mack Trucks' sole judgment, its stability, durability, or reliability, is not covered.
- 6. NON-ORIGINAL EQUIPMENT: Any part of the vehicle that fells, malfunctions, or does not perform as a result of improper conversion or installation of bodies or equipment by other manufacturers or suppliers is not covered.
- 7. MAINTENANCE AND PARTS CONSUMED: Maintenance and Inspection requirements found in the Operator's Manuals and service manuals/instructions, including, but not limited to, engine tune-up, fuel system cleaning, replacement of lubricants and filler elements, adjustments of the engine injection pump/transmission/brakes/linkages, as well as diagnosis, test time and all other adjustments must be followed and are not covered. Parts which are normally consumed or worn out during the vehicle's normal service life and customarily replaced during usual maintenance service, including, but not limited to, mud flaps and brackets, brake linings, ciutch brake, and clutch linings, are not covered.
- 8. PERFORMANCE COMPLAINTS: Performance complaints are not covered (including, but not limited to, low power and/or poor fuel economy). Coverage is limited to defects in material and workmanship of a Covered Part directly causing the performance issue.
- 9. WEAROUT: Mack Trucks does not cover normal wear of Covered Parts. Fallures attributable to wear are excluded. For example and without limitation, the wear rate of parts in any engine or transmission, and especially those parts within the combustion area and clutch housing 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, jubrication 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 fallure could occur within the time limit of the coverage.
- 10. NON-GENUINE PARTS: Any faiture of any vehicle, component or part caused by the use of parts and accessories, or major assembles and exchange units, which do not meet factory standards is not covered.
- 11. ODOMETER READING: Any vehicle on which the actual mileage or hours cannot readily be determined, or on which the odometer, hour meter, or Electronic Control Unit has been disconnected, disabled, or altered, may not be covered by this warranty.
- 12. ACCESS TO INFORMATION: Owner must allow Mack Trucks full access to all data stored in all Electronic Control Modules; fallure to do so may result in the loss of warranty coverage.
- 13. LABOR: Labor to remove and install a Covered Part is included only if a Mack Trucks authorized dealer originally installed the Covered Part. Labor for overtime and/or shift differential is not covered. Excessive labor for a warrantable repair due to the prior installation of equipment or body is not covered.
- 14. MISC. EXPENSE: Meals, lodging, communications charges, travel time and expense, loss of cargo, downtime, loss of profit/revenue, rental vehicles, 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.
- 15. ADDITIONAL COMPONENTS: Components or parts that are not installed by Mack Trucks, including winches, power take-offs, dumper, mixer and refuse assemblies, holsts and bodies or other special equipment are not covered. During a warrantable repair, additional time to remove any customer installed components will not be covered under warranty. Mack Trucks' factory manufacturing records will be determinative as to factory installed components
- 16. TOWING: Unless expressly provided in this Warranty Certificate, expenses for towing or road service are not covered. Failures caused by improper towing technique Repair-Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack Trucks 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 problem, are not covered.
- 17. SUSPENSION PARTS: Suspension parts, including but not limited to rubber bushings, torque rod bushings, spring pins and bushings, and greased lubrication points that fall due to improper maintenance, abnormally severe service or abuse are not covered
- 18. CAB STRUCTURE AND CORROSION: Cab structural defects or cab corrosion that occurs in areas of the cab that previously were damaged, repaired, altered or modified are not covered. Cab corrosion where metal is perforated from the outside to the inside is not covered.
- 19. VENDOR ENGINES, ALLISON AUTOMATIC TRANSMISSIONS and ALTERNATE FUEL STORAGE AND DELIVERY SYSTEMS: Vendor engines, Allison automatic transmissions and alternate fuel (CNG/LNG/DME) fuel storage/delivery components used in Mack trucks are warranted by their respective manufacturers and not by Mack Trucks, inc. Refer to the manufacturers' warranty statements.
- 20. OIL CONSUMPTION: Before a claim based upon 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 Mack Trucks' published standards. Under no circumstances will warranty pay for repairs related to excessive oil consumption after the earlier of 24 months, 250,000 miles, 402,000 kilometers, or 6,250 engine hours.
- 21. ENVIRONMENTAL DAMAGE: Parts made out of cloth, leather, wood, rubber, synthetics, paint or chrome which have been affected by exposure to the elements or chemical influence including, but not limited to, road sall/chemicals, industrial fall-out or the use of improper cleaners, polishes and/or waxes are not covered.
- 22. ALIGNMENT: Alignment of axle(s), balance of tires, changing of axle camber, caster, toe and thrust angle are not covered.
- 23. GLASS: Glass breakage and scretches are not covered unless physical proof of manufacturing responsibility is established.
- 24. TIRES: Tires are not covered by this warrantly, but may be covered by separate warranties given by their respective manufacturers.
- 25. CHANGES: Mack Trucks 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.
- 26. Warranty follows truck VIN in which the engine is registered. Engine warranty cannot be transferred to a new chassis.

This approved registration entities the purchaser to warranty protection as outlined in the Mack Trucks Overhaul Plan that is being purchased against defects in material or workmanship in the engine being overhauled. A copy of this approved registration is your certificate that the identified Mack vehicle model and engine is covered by the indicated plan.

Mack Certified Technician Name IVIKE BLYMIER	Technician User ID#	674887
Dealer Signature Carl Shavier	Date 3/11/19	
I hereby certify that I have read and understood the provisions of the conditions of the program.	ne Mack Trucks Overhaul W	arranty and the terms and
I further understand that the warranty which I have elected to purch or conditions, expressed or implied, statutory or otherwise, including for a particular purpose, and of any other obligation or liability on the of the foregoing, consequential and incidental damages.	g any warranty or condition	of merchantability or fitness
Owner Signature_	Date	3/11/19
Dealer Contact Name (print) CARL D. SMIRES	Dealer Phone Numb	er
contact E-Mail (required) csmires@patruck.com		
Submit eService with this completed Warranty Registration For	rm and Repair Order attac	hed, as described in