



# CHOOSING A MACK ENGINE OVERHAUL

A owner's guide to symptoms, solutions and options.



**MACK**®



# A MACK OVERHAUL DELIVERS PEACE OF MIND

Mack trucks work hard to earn their many miles and years of service. But even legendary durability needs a reboot over time. If your engine is performing poorly, it's probably time for a Mack Overhaul.

**Mack offers the most complete engine overhaul program in the industry.**

A Mack Overhaul is all about Mack Genuine Parts, expert service and great value. When it's complete, you'll drive away in a revitalized vehicle that's been brought back to peak performance and efficiency. You'll be able to look forward to extra years of productivity, which means an even better return on your original investment. Plus, you'll enjoy the protection and peace of mind that comes from an engine warranty that covers up to three years or 350,000 miles.

**Four popular overhaul levels; one bottom line goal.**

The Mack Overhaul program offers four different levels of overhaul service, which means there's a package to fit your specific budget, schedule and engine condition. Your Certified Mack Dealer service center will make recommendations to help you choose the best option. All Mack Overhaul levels share a common goal: to restore your engine's power, reliability and operating efficiency. Every package is designed to help you save money, stay on schedule, and keep rolling with confidence.



## **HAVE YOUR OVERHAUL PERFORMED AT A CERTIFIED MACK DEALER SERVICE CENTER**

To assure maximum value and quality, be sure your Mack Overhaul is performed by an authorized Mack dealer or service center. There are good reasons for this, starting with this: *Nobody knows how to revitalize a Mack engine better than the people who built it.* Here are a few others:

### **WARRANTY**

Having your overhaul done at a Certified Mack Dealer service center is the only way to activate your standard or extended warranty. This is one of the biggest selling points for choosing Mack.

### **OEM CONFIDENCE**

Mack designed and built your engine, which makes Mack the best choice to overhaul it.

### **QUALITY PARTS**

You'll be certain your overhaul package includes Mack Genuine Parts and engine updates.

### **SKILLED TECHNICIANS**

Mack service technicians are experienced, factory-trained overhaul experts.

### **UPTIME**

Ready availability of kits and parts—plus the efficiency of our installation experts—ensures the fastest, most efficient turnaround, for minimal downtime.

### **COMPLIANCE**

Overhauls performed by a Certified Mack Dealer service center will help your truck meet emissions standards and deliver better fuel economy. That's good for the environment—and your bottom line.



## THE POWER OF THE MACK OVERHAUL WARRANTY

For an older truck, a new engine warranty is a big advantage. Mack Overhaul warranties provide coverage for purchased as well as existing parts that pass inspection. But these warranties don't just protect your equipment. They also protect your uptime and your profits.

**With the Mack Overhaul program, you can choose from two excellent warranty options:**

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Basic 2-year/unlimited-mile warranty

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3-year/350,000-mile extended coverage

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This is a nationwide warranty honored at every service center in the Certified Mack Dealer network. It means you can take your truck to any Certified Mack Dealer service center and always get expert service and Mack Genuine parts.

The 3-year/350,000-mile extended warranty comes standard with our PREMIUM and REMACK ENGINE overhauls. It's also available for purchase with the BASIC and PLUS packages when installed by a Certified Mack Dealer service center. The added coverage is a wise upgrade, especially for newer engines.

## HOW TO KNOW IF IT'S TIME FOR AN OVERHAUL

It used to be that a truck needing an overhaul would come in with its engine knocking and smoke billowing. But engines built during the past decade are so advanced and emissions-friendly, those symptoms aren't always evident.

**Today, most overhauls are triggered by:**

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Catastrophic failure

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Poor engine performance, including loss of power, poor fuel efficiency and excessive oil consumption

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There's one more reason to schedule an overhaul:

**You depend on your older Mack and know it's well worth the investment to make it run like new again. We see this a lot.**

Whatever the reason for coming in, we can bring your Mack back to its former glory. If necessary, your Certified Mack Dealer service center will do an oil analysis and run some tests to be certain you're an overhaul candidate.

# CONSIDER THE RISKS OF NOT SCHEDULING AN OVERHAUL

When all signs point to an underperforming engine, there are only three options to consider:

1. OVERHAUL the existing engine.
2. REPLACE the engine with a REMACK engine.
3. RISK an engine failure that will be costly and inconvenient.

There's a lot at stake here for a working truck: schedule interruptions, driver and cargo safety, unplanned expense and costly downtime. It's best to be proactive by getting an overhaul sooner rather than risking a problem later. Keep in mind that a Mack Overhaul includes valuable warranty coverage. You've probably heard stories about the costly consequences of waiting too long to schedule an overhaul. We think it's good business to take protective and preventive steps whenever you can.

## GO ONLINE FOR A RECOMMENDATION, YOUR DEALER'S LOCATION AND A COST ESTIMATE

No matter where you live or drive, Mack's Online Overhaul Selector makes it easy to get the overhaul process started:

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When you enter just a few details about your vehicle, our Online Selector will generate a quick diagnosis of your truck's symptoms.

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It'll give you an Overhaul Package recommendation that shows the parts and the warranty included.

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The Selector will identify a nearby Certified Mack Dealer service center location where you'll receive an accurate estimate of cost and turnaround time. You'll hear from them right away.

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Here's the URL. You'll want to bookmark it for handy reference: [www.mackengineoverhaul.com](http://www.mackengineoverhaul.com)



# MACK OVERHAUL PACKAGES

Restore your engine's performance with one of four proven options.

Your Certified Mack Dealer service center offers four different overhaul packages designed to deliver maximum performance, productivity and peace of mind. Each option includes Mack Genuine Parts and a generous Mack warranty. Take a look at the options, then contact your service center for help choosing the best one for your engine.

## BASIC

The most affordable way to revitalize an engine and get back on the road.

### MACK IN-FRAME OVERHAUL KIT

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6 Piston Kits

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6 Cylinder Liner Kits

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Main Bearing Set

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Rod Bearing Set

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Cylinder Head Gasket Set

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Lower Engine Gasket Set

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Upper Engine Gasket Set

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Camshaft Bearing Set

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Thermostat

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### MACK GENUINE FILTERS

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Oil / Fuel / Coolant

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### MACK GENUINE OIL PUMP

### MACK GENUINE ENGINE OIL

### MACK GENUINE COOLANT

Standard 2-year/unlimited-mile warranty

3-year/350,000-mile warranty available for an additional cost of \$750 USD

## PLUS

A better value, with all BASIC features plus a REMACK cylinder head.

### MACK IN-FRAME OVERHAUL KIT

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6 Piston Kits

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6 Cylinder Liner Kits

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Main Bearing Set

---

Rod Bearing Set

---

Cylinder Head Gasket Set

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Lower Engine Gasket Set

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Upper Engine Gasket Set

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Camshaft Bearing Set

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Thermostat

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### REMAK CYLINDER HEAD

### MACK GENUINE FILTERS

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Oil / Fuel / Coolant

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### MACK GENUINE OIL PUMP

### MACK GENUINE ENGINE OIL

### MACK GENUINE COOLANT

Standard 2-year/unlimited-mile warranty

3-year/350,000-mile warranty available for an additional cost of \$450 USD

# PREMIUM

Mack's most popular package saves you long-term costs. It includes a REMACK cylinder head and injectors. This level comes with a valuable extended warranty.

## MACK IN-FRAME OVERHAUL KIT

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6 Piston Kits

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6 Cylinder Liner Kits

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Main Bearing Set

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Rod Bearing Set

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Cylinder Head Gasket Set

---

Lower Engine Gasket Set

---

Upper Engine Gasket Set

---

Camshaft Bearing Set

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Thermostat

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## REMACK TURBO KIT

### MP ENGINE – REMACK INJECTORS

(Set of 6)

- OR -

### E7 ENGINE – REMACK INJECTOR NOZZLES

(Set of 6)

## REMACK CYLINDER HEAD

## MACK GENUINE FILTERS

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Oil / Fuel / Coolant

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## MACK GENUINE OIL PUMP

## MACK GENUINE ENGINE OIL

## MACK GENUINE COOLANT

3-year/350,000-mile extended warranty included

# REMACK ENGINE

A REMACK engine overhaul is the fastest, most thorough way to give trucks a new life. The reduced downtime is well worth the slightly higher cost. This level comes with a valuable extended warranty.

## REMACK BASIC (3/4) ENGINE

## REMACK TURBO KIT

### MP ENGINE – REMACK INJECTORS

(Set of 6 – factory installed)

- OR -

### E7 ENGINE – REMACK INJECTOR NOZZLES

(Set of 6)

## MACK GENUINE FILTERS

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Oil / Fuel / Coolant

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## MACK GENUINE OIL PUMP

## MACK GENUINE ENGINE OIL

## MACK GENUINE COOLANT

3-year/350,000-mile extended warranty included



E7 Engine



MP Engine

# NOW IS A GREAT TIME TO SCHEDULE YOUR OVERHAUL

A Mack engine overhaul is a great value, thanks to all the features and advantages we've included. If you're ready to be proactive and move forward, here are the next steps:

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Use the Online Overhaul Selector to find your Certified Mack Dealer service center

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Discuss your situation and get answers to all your questions

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You'll receive a detailed estimate

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Choose your warranty coverage

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Schedule your overhaul ... and get back on the road with a revitalized truck!

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**MAEK**

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