BAR'S LEAKS® TECHNICAL BULLETIN

Tech Bulletin #: TB-1000	Part Number: 1000
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Bar's Leaks® High Mileage Engine Repair	Size: 16.9 fl. oz. (500 mL)

Engine Repair

Bar's Leaks Engine Repair contains a combination of the best performance additives to repair the most common oil-related problems. Engine Repair restores lost compression and power, reduces noise and oil consumption, while improving the performance of worn cylinders, rings, bearings, and seals. For most vehicles, this is your last chance before paying an expensive repair bill or replacing the vehicle. Engine Repair can be used to top off the existing oil when low, or add a bottle when changing the oil and filter. Compatible with ALL types of engine oils, including petroleum, semi-synthetic, synthetic and high-mileage formulas.

America's Most Trusted Repair Brand Since 1947

Dual Action Formula—*Twice the performance*

Safe And Easy To Use

Guaranteed To Seal & Stop Leaks Plus...

Restores Performance—*Increases compression and horsepower.*

- Hi-Tech Additives
- Friction Modifiers
- Stop Leak Treatment

Adds Protection—*Stops leaks, noise and smoking.*

- Oil Stabilizer
- Viscosity Improvers
- Seal Conditioners

The result is improved compression, horsepower and increased performance.

SATISFACTION GUARANTEED
If not satisfied, purchase price will be refunded by mail. Send original sales receipt and UPC to:
BAR'S PRODUCTS
Dept. 207, PO Box 187, Holly, MI 48442

BAR'S LEAKS® TECHNICAL BULLETIN (CONTINUED)

Engine Repair

The common element between all of the engine components is the oil. Oil is the life-blood of the engine and is pumped under pressure to all the moving parts. The two main parts needing oil for lubrication are the bearings and pistons. As the engine ages and gains more miles, the oil alone can't do the job. Internally, parts don't fit as tightly as they originally did, which causes noise and loss of power. Bearings wear down, seals leak, lifters tick, blow-by passes around tired rings, and power is lost. When installed, Engine Repair helps to stop and prevent these problems and will also extend the useful life of your engine. Engine oils are generally used to reduce friction between moving parts. In addition to lubricating, motor oil must cool, provide corrosion protection and be a method of removing contaminants. As lubricants degrade, their properties change, leading to increased friction and wear. Over time the natural wear that occurs inside the engine causes reduced oil pressure, loss of compression (power loss), lower fuel mileage, oil consumption (leaks & smoking) and noise (knocking & ticking). When installed, Bar's Leaks High Mileage Engine Repair helps to stop and prevent these problems and enhances the useful life of your Engine. The result is improved compression, horsepower and increased performance.

INSTRUCTIONS:

Adding to existing Engine Oil

Remove engine dipstick and check oil level. If oil is low, remove oil cap and install entire contents of the two-chamber bottle into engine crankcase. Do not overfill. Top off with manufacturers recommended engine oil as needed. Reinstall dipstick and oil cap. Drive/ idle engine for 10-15 minutes.

Depending on the engine problem, results will either be immediate or noticeable within two days or 100 miles of driving. In engines with seriously damaged components, a second treatment may be required. In this case, it is suggested that the oil and filter be changed, and a second application of Engine Repair be added.

Changing Oil

If using Engine Repair when changing oil, add entire contents of bottle after filter is changed. Then refill with manufacturer's recommended oil to proper level. Drive vehicle and recheck oil level.

DOSAGE:

One bottle is designed to treat 4 to 6 quarts of oil, which is the normal size for most vehicles. On smaller systems from 2 to 3.9 quarts, only use half bottle, pouring equal amounts from each side. For larger systems use one bottle for every 5 quarts of capacity.

BAR'S LEAKS® TECHNICAL BULLETIN (CONTINUED)

Engine Repair

WHAT IS YOUR ENGINE PROBLEM?

Small Leaks—Need to add oil 1X per month
Medium Leaks—Need to add oil 1X per week
Leaks—Seals and Gaskets
Noise—Knocking or Ticking
Smoking– Blue Exhaust Smoke
Low Compression—Reduced Power
Worn Engine Parts
High Mileage

WE CAN HELP!!!

Safe For— Domestic / Import, Cars, Trucks, Vans and SUV's
Oil—Regular Petroleum, High Mileage, Synthetic Blends and Full Synthetic Oils
Use On– Gasoline, Diesel and Turbocharged Engines
Works On—3, 4, 5, 6, 8 and 10 Cylinder Engines

WHAT IS AN ENGINE?

There are two basic types of engines:

Gasoline Engine – most cars' & light duty trucks – The most popular engine runs on a mixture of gasoline and air. The air & fuel is compressed (squeezed) and then ignited by a spark to move the piston, which in turn allows the vehicle to move.

Diesel Fuel Engine – some cars' & most heavy duty trucks – The second most popular engine runs on a mixture of diesel fuel and air. Instead of spark, it uses the high temperature caused by extreme compression of the air & fuel mixture to move the piston.

Works on ALL Engines
Gasoline, Diesel, Hybrid and Turbo

Engine Components

Automotive engines are a combination of mechanical, hydraulic and electric parts.

Mechanical
Many mechanical parts are required to operate an engine. Some of the more important parts are the oil pump, crankshaft, bearings, seals, piston rings, lifters and valves.

Hydraulic
The hydraulic system uses the oil pump to create pressure which lubricates internal engine parts and helps to operate the lifters and cam phasers.

Electrical
The most common electrical parts include the spark plugs, fuel injectors, computer and many sensors.