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PRODUCT DATA SHEET

Head Gasket Fix

Part #: 31111

NET WT 680g

Rislone® Head Gasket Fix



Rislone® Block Seal Head Gasket Fix is the easiest solution to stop head gasket coolant leaks. No draining of the cooling system is required. One step formulation contains a combination of antifreeze compatible sodium silicate sealing liquid and various size gasket sealing particles which penetrate gaps and cracks, then harden to permanently stop leaks. This works because of the extreme heat inside the combustion chamber (2750°C) that acts as a catalyst to permanently harden the material to make it stronger than the actual head gasket itself. Your vehicle is a good candidate for this product if it can idle for 20 minutes without overheating or having to add coolant. Use on ALL water-cooled gasoline and diesel engines. Heavy duty formula works on aluminum and cast-iron heads & blocks, along with sealing all other engine cooling system leaks better than a traditional stop leak. This includes repairing head gaskets, cylinder heads, intake gaskets, cracked blocks, and freeze plugs. Use with ALL types of traditional extended life coolant including yellow, orange, pink, red, blue, purple, and green silicate based & non-silicate based (OAT / HOAT) 50-50 mix antifreeze, and/or water.

World's Most Trusted Stop Leak Brand Since 1921

Safely Seals Gasket and Other Severe Leaks

Quickly and Permanently Stops Coolant Leaks

One Step – No Draining Required – Easy to Use

ASTM D3147 LABORATORY TEST

Standard Test Method for Testing Stop-Leak Additives for Engine Coolants.

This test method covers screening procedures for the preliminary evaluation of leak-stopping materials intended for use in engine cooling systems.

Gum		Particles		Screen	Final Round	Final Slot	Fluid Lost
Before	After	Before	After	mm	mm	mm	ml
No	No	Yes	No	0.76	0.76	0.38	1350

The results of this test show that a 0.76 mm round hole and a 0.38 mm wide slot can be successfully sealed with this product.

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WARNING: Head Gasket Fix is designed to seal cooling system leaks. Pour directly into radiator. DO NOT add to engine oil.

DANGER: Opening the cooling system while the engine is hot or running may cause severe burns.
NOTE: Cooling systems that are dirty or partially clogged should be flushed before use. This product is designed to be used with the manufacturer's recommended antifreeze/water mixture.
Protect from freezing.

INSTRUCTIONS:

1) Allow engine to cool. Make sure engine is cool enough so radiator cap can be safely removed.
2) Shake well. Pour Head Gasket Fix directly into radiator. If using in a small cooling system including all 3 and 4 cylinder engines, use ½ bottle.
   TIP: If direct access to radiator is not available and if overflow tank is pressurized, you can install in tank.
3) Fill radiator and overflow tank to proper level and reinstall radiator cap. Start engine.
4) Turn heater on hot and fan on high.
5) Idle engine for 15 minutes.
6) Turn off and allow engine to cool.
7) Top off (fill up) radiator and leave Rislone Head Gasket Fix in cooling system for continued protection. Drive vehicle as normal. Many leaks seal instantly, but some can take a few additional days of use.

DOSAGE:

One bottle treats cooling systems from 7.6 litres to 15 litres. Use ½ bottle for cooling systems from 3.75 litres to 7.5 litres. For larger systems, use one bottle for every 15 litres of cooling system capacity.

PURPOSE OF A COOLING SYSTEM

Your engine creates up to 2750°C of heat within the combustion chamber. Enough heat to melt the entire engine in less than 30 minutes! Approximately 1/3 of gasoline's energy is converted into usable power to propel the vehicle, 1/3 of the energy is dissipated out through the exhaust system, and the remaining 1/3 is carried off by the cooling system.

HOW DOES A COOLING SYSTEM WORK?

Coolant, which is a mixture of water and ethylene glycol (Antifreeze), is pumped throughout the engine's water jacket drawing heat from the head, pistons, combustion chambers, cylinder walls, valves, etc. The heated coolant travels from the water jacket through a radiator hose, to the radiator, where aided by a fan, its air cooled and returned via the other radiator hose to the engine. Fuel is SAVED and engine life INCREASED when the cooling system quickly reaches and maintains a very narrow operational range regardless of outside temperature extremes or engine load demands. Upon engine start-up, the temperature must rise quickly and then remain balanced – not too hot and not too cold! It is important to understand how the condition of the coolant and the condition of the cooling system components can affect the operational economy and life of your engine!