



ISO 9001 CERTIFIED

BAR'S LEAKS TECHNICAL BULLETIN

Tech Bulletin #: TB-HG-1-4

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Bar's Leaks Head Seal Blown Head Gasket Repair

Part #: HG-1

HEAD SEAL™ BLOWN HEAD GASKET REPAIR

Bar's Leaks® Head Seal™ Blown Head Gasket Repair is the fastest, safest way to solve your vehicle's coolant-related head gasket issues. Your vehicle is a good candidate for this solution if it can idle for 15 minutes without overheating or having to add coolant. Use with ALL types of 50-50 mix coolant including yellow, orange, pink, red, blue and green silicate based & non-silicate based (OAT / HOAT) antifreeze, and/or water. Unlike other products, no draining or thermostat removal is required. Works with ALL gasoline and diesel engines. This also is the best additive to use in all racing applications.

This professional-strength sealant penetrates leaking, blown or damaged head gasket area drying to form a seal actually stronger than the original head gasket itself. It's engineered with the strongest formula available to stop all other coolant leaks in plastic, cast iron, copper and aluminum radiators, heater cores, freeze plugs, gaskets, intake manifolds, cylinder heads and engine blocks. It also contains Xtreme Cool™, a specialized additive that stops overheating and reduces water temperature.

- **Guaranteed to Permanently:**
 - Repair Blown Head & Intake Gasket Leaks
 - Seal Warped / Cracked Heads & Blocks
 - Stop Overheating & Coolant Loss
 - Fix Bubbles Entering Cooling System
- Reinforced with Carbon Fibers
- One Dosage Stops All Head Gasket Problems Guaranteed
- Safe & Easy to Use, and Works Quickly
- The Best Repair Formula Money Can Buy

NOTE: Protect from freezing.

INSTRUCTIONS:

- 1) Install only in a cold engine. Shake bottle well. Remove radiator cap and pour the correct amount of product in per the dosage chart. Fill radiator and reservoir / overflow tank to proper level and reinstall radiator cap.
TIP: Radiator cap may be on top of radiator, on engine, mounted on a hose, or a screw cap on the pressurized reservoir overflow tank.
- 2) Turn heater on hot and fan on high. Run engine until thermostat opens or normal operating temperature is reached. Turn vehicle off and allow engine to cool. This may take up to 30 minutes to cool.
- 3) Top off radiator (add coolant as needed) and either run engine at high idle (approximately 1200 RPM's for vehicles with a tachometer) or gently drive for 15 minutes. Turn vehicle off and allow engine to cool.
- 4) Top off radiator and leave **Bar's Leaks HEAD Seal Blown Head Gasket Repair** in system for continued protection. Drive vehicle as normal.



Part Number: HG-1
 UPC Item: 0 46087 01136 2
 UPC Case: 1 00 46087 01136 9
 Bottle Size: 33.8 FL OZ (1L)
 Bottle Dimensions: 3.2x3.2x9.7
 Bottle Cube: 101
 Case Pack: 4 bottles per case
 Case Size: 7x7x10.44
 Case Cube: 511
 Case Weight: 10.9 pounds
 Pallet: TI 30 HI 5 Total 175
 Pallet Height: 56 inches

DOSAGE:

One bottle treats cooling systems from 10 quarts (2.5 gallons) to 20 quarts (5.0 gallons). Use ½ bottle for smaller cooling systems from 6 quarts (1.5 gallons) to 9.9 quarts (2.49 gallons). For larger systems use 1 bottle for every 5 gallons of cooling capacity. In very small systems, use 2 ounces per quart of capacity.

THE BEST HEAD SEAL BLOWN HEAD GASKET REPAIR MONEY CAN BUY

High-strength carbon fibers work like rebar in concrete to stop larger leaks and create a truly permanent seal.

SAFE TO USE ON:

- Gasoline Engines
- Diesel Engines
- Turbocharged Engines
- Racing Engines

WORKS ON ALL:

- 4, 5, 6, 8, 10 Cylinders
- Cast Iron or Aluminum Blocks & Heads
- Cars, Trucks, Vans & SUV's

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				mL
No	No	No	No	0.030	0.025	0.015	0

The results of this test show that a .025 round hole and a .015 wide slot can quickly and successfully be sealed with this product.

LIMITED LIFETIME WARRANTY

Bar's Leaks® warrants this product to effectively seal a head gasket leak with a single dosage of Head Seal™. If the head gasket leak recurs after application of product during the time you own your vehicle, Bar's Leaks will refund the purchase price of the product or send a replacement product. To make a claim under this warranty, send your full contact information, including mailing address, in accordance with one of the following two options:

- 1) **ONE-TIME PRODUCT REPLACEMENT.**
Send original dated sales receipt and original UPC code showing proof of purchase, requesting product replacement.
OR
- 2) **REFUND OF PURCHASE PRICE.**
Send a written, dated verification from a licensed repair facility confirming the diagnosis of the head gasket leak requesting refund, together with the original sales receipt and original UPC code showing proof of purchase.

Mail to: Bar's Products Warranty Dept.
PO Box 187, Holly MI 48442

Allow 2 to 4 weeks for processing. All other warranties, express or implied, are excluded under this warranty to the extent permitted by law. This warranty does not apply to products which have been modified or improperly used.

What is Your Cooling System Problem?

Product Selector

Small Leaks - add coolant 1X per Week	✓
Medium Leaks - add coolant 1X per Day	✓
Large Leaks - add coolant 1X per Hour	✓
Bubbles In Coolant	✓
Blown Head Gasket	✓
Overheating	✓
Intake Manifold & Block Leaks	✓
Pushing Out Coolant	✓
White Exhaust Smoke	✓
Moisture / Water from Tailpipe	✓
Coolant To Oil Leaks	✓
Over Pressurizing / Combustion Gasses	✓