

# BAR'S LEAKS® TECHNICAL BULLETIN

Tech Bulletin #: TB-HG-1	Part Number: HG-1
Date Issued: 10.17.2017	Date Revised: N/A
Bar's Leaks Head Seal™ Blown Head Gasket Repair	Size: 33.8 FL oz. (1L)

ISO 9001 CERTIFIED

## 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 coolant additive to use in all racing applications.

Bar's Leaks Blown Head Gasket Repair is safe to use on gasoline, diesel, turbocharged and racing engines. Also will work on all 4,5,6,8,10 cylinder engines, cast iron or aluminum blocks and heads. Safe for cars, trucks, vans, and SUV's.

### 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.

### Instructions For Use

- 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.**
- 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 or longer.
- 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.
- Top off radiator and leave *Bar's Leaks Head Seal Blown Head Gasket Repair* in system for continued protection. Drive vehicle as normal. Most leaks seal instantly, but some can take additional thermocycles which happen over a few days of usage.



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# BAR'S LEAKS TECHNICAL BULLETIN (CONTINUED)

## HEAD SEAL™ BLOWN HEAD GASKET REPAIR

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. This product is guaranteed to permanently -

- Repair blown head gaskets & intake gasket leaks
- Seal warped or cracked heads & blocks
- Stop overheating & coolant loss
- Fix bubbles entering cooling system

### TWICE THE PERFORMANCE

High strength reinforced carbon fibers work like rebar in concrete to stop larger leaks and create a truly permanent seal. This additive is a non-clogging fiber that locks together with liquid to increase the strength and uphold a permanent seal. Another added bonus to our one of a kind formula is Liquid Ceramic a liquid that penetrates large and small leaks to form a seal harder than the original head gasket.

### GUARANTEED

To permanently Repair blown head & intake gasket leaks, seal warped / cracked heads & blocks, stop overheating & coolant loss, and fix bubbles entering the cooling system. *Bar's Leaks Head Seal Blown Head Gasket Repair* is reinforced with carbon fibers that work like rebar in concrete to stop larger leaks and create a truly permanent seal. One dosage stops **ALL** head gasket problems **GUARANTEED**. The best repair formula money can buy.

### 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.

TEST	ASTM	TYPICAL PROPERTIES
Gum Before	D-3147	No
Gum After	D-3147	No
Particles Before	D-3147	No
Particles After	D-3147	No
Screen	D-3147	0.030
Final Round	D-3147	0.025
Final Slot	D-3147	0.015
Fluid Lost (mL)	D-3147	0

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