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› Fel-Pro HS 9354 PT-2 Head Gasket Set Instruction Manual

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1. PRODUCT OVERVIEW

The Fel-Pro HS 9354 PT-2 Head Gasket Set is engineered to provide a reliable seal for your vehicle's engine. This set includes application-specific materials designed for optimal performance and durability in automotive repair environments.

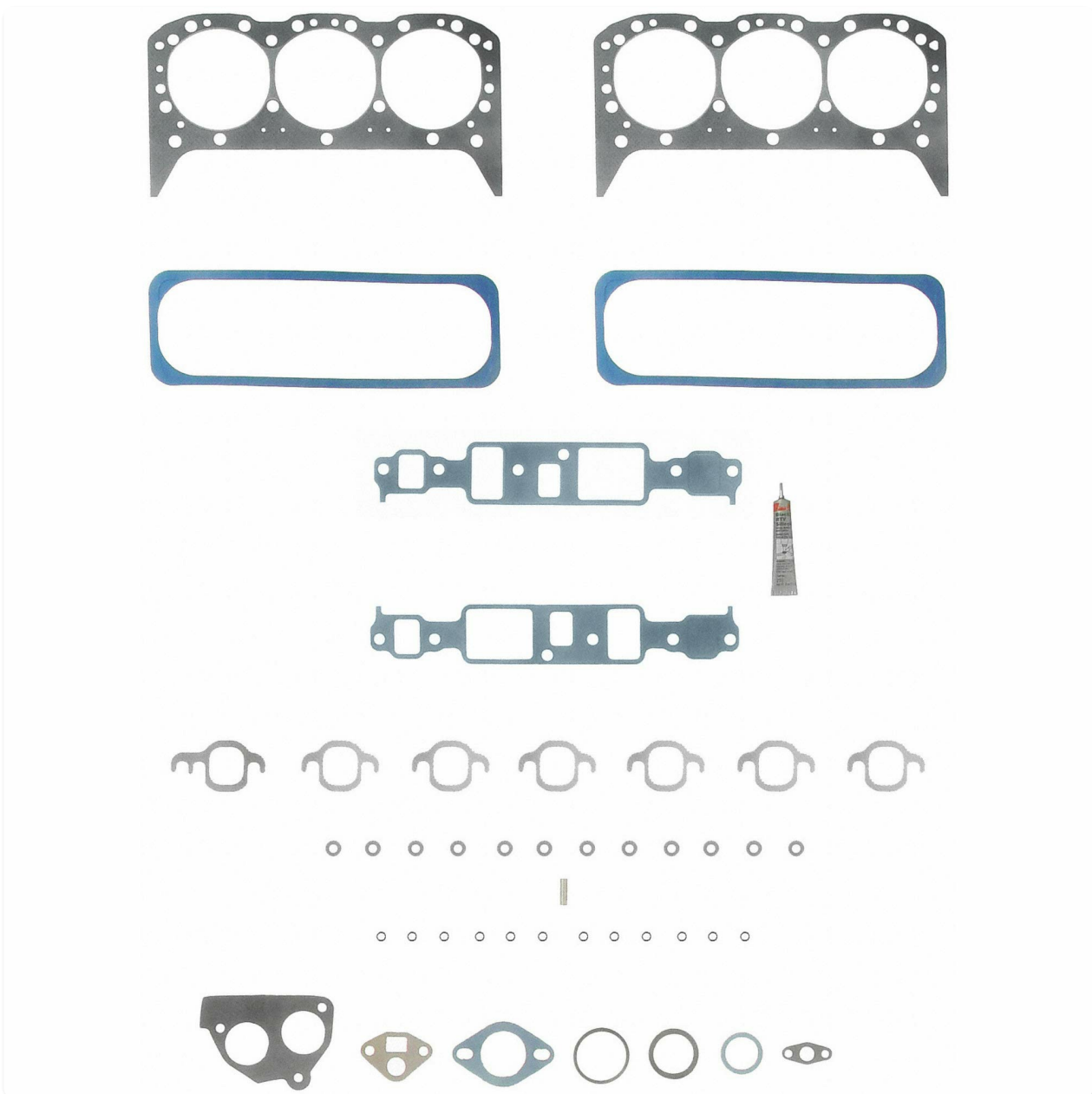


Image 1.1: Overview of the Fel-Pro HS 9354 PT-2 Head Gasket Set components.

2. COMPATIBILITY

This head gasket set is compatible with specific vehicle models. It is crucial to verify fitment for your exact vehicle before installation.

2.1 Applicable Vehicles (1993 Models)

- Chevrolet Astro
- Chevrolet C1500
- Chevrolet C2500
- Chevrolet Caprice
- Chevrolet G10
- Chevrolet G20
- Chevrolet G30
- Chevrolet K1500
- Chevrolet K2

Important: Always confirm compatibility by entering your vehicle's year, make, model, engine, and trim information to ensure the correct part is selected.

3. KEY FEATURES

The Fel-Pro HS 9354 PT-2 Head Gasket Set incorporates several design and material technologies to ensure effective sealing and durability.

3.1 Engineered for Imperfect Sealing Surfaces

This gasket set is specifically designed and manufactured for the repair environment, helping to seal surfaces that may not be perfectly flat or smooth.

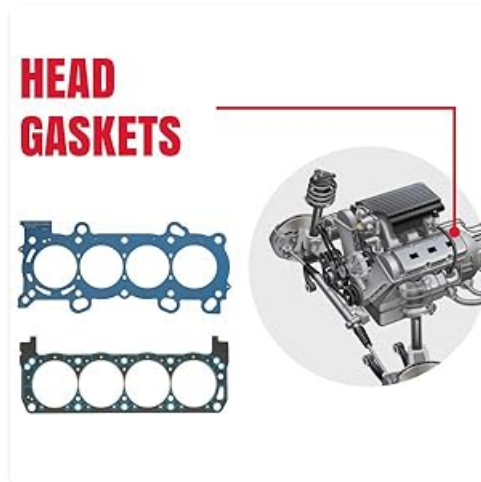


Image 3.1: Illustration of the gasket's design for sealing imperfect surfaces.

3.2 Advanced Sealing Technologies

The gaskets utilize exclusive sealing innovations and technologies, featuring proprietary materials and unique design elements to ensure a superior seal for engine repairs.



Image 3.2: Detail of the gasket's sealing technologies.

3.3 Proprietary Anti-Friction Coating

A nonstick anti-friction coating is applied to the gaskets, which helps to seal small surface scratches and imperfections on mating surfaces.



Image 3.3: View of the proprietary coating on the gasket surface.

3.4 No Retorque Design

The steel core construction of the gasket helps to eliminate the need for retorquing head bolts after initial installation, simplifying the repair process.



Image 3.4: Detail highlighting the no-retorque design feature.

3.5 Strong and Durable Construction

The gaskets feature graphite or reinforced fiber facing material combined with steel armor, providing enhanced strength and durability for long-lasting performance.

4. INSTALLATION GUIDANCE

Installing a head gasket requires specialized knowledge and tools. It is highly recommended that installation be performed by a qualified automotive technician or by following a detailed service manual specific to your vehicle.

4.1 General Steps (Consult Service Manual for Details)

1. **Preparation:** Ensure the engine is cool and disconnected from the battery. Drain coolant and oil.
2. **Disassembly:** Carefully remove components obstructing access to the cylinder head, such as intake manifold, exhaust manifold, valve cover, and timing components.
3. **Cylinder Head Removal:** Loosen cylinder head bolts in the specified sequence and remove the cylinder head.
4. **Surface Preparation:** Thoroughly clean all mating surfaces on the engine block and cylinder head. Ensure surfaces are free of old gasket material, debris, and corrosion. Inspect for flatness.
5. **Gasket Placement:** Position the new Fel-Pro head gasket correctly on the engine block, ensuring all bolt holes and passages align.
6. **Cylinder Head Installation:** Carefully place the cylinder head back onto the engine block.

7. **Torquing:** Install new cylinder head bolts (if required by manufacturer) and tighten them to the vehicle manufacturer's specified torque values and sequence. The Fel-Pro gasket's no-retorque design eliminates the need for subsequent retorquing.
8. **Reassembly:** Reinstall all removed components, ensuring proper connections and torque specifications are met.
9. **Fluid Refill:** Refill the engine with appropriate coolant and oil.
10. **System Check:** Start the engine and check for leaks or abnormal operation.



Image 4.1: A head gasket positioned on an engine block during installation.

5. MAINTENANCE

Once installed, the Fel-Pro head gasket requires no specific maintenance beyond regular engine care. Adhere to your vehicle manufacturer's recommended maintenance schedule for coolant changes, oil changes, and overall engine health checks. Proper engine cooling system maintenance is vital for gasket longevity.

6. TROUBLESHOOTING

If you experience issues after head gasket replacement, consider the following general troubleshooting points. For specific diagnostics, consult a professional mechanic.

- **Coolant Leaks:** Check all hose connections, radiator, and heater core for leaks. Ensure proper torque on head bolts.
- **Oil Leaks:** Inspect valve cover gaskets, oil pan gasket, and other seals. Verify proper installation of the head gasket.
- **Overheating:** Check coolant level, thermostat operation, radiator fan, and for air pockets in the cooling system.
- **White Smoke from Exhaust:** This can indicate coolant burning in the combustion chamber. Re-evaluate head gasket installation and cylinder head condition.
- **Blue Smoke from Exhaust:** May indicate oil burning. Check valve stem seals or piston rings.

Note: Improper installation or pre-existing engine damage can lead to recurring issues. Professional diagnosis is recommended for persistent problems.

7. SPECIFICATIONS

Attribute	Detail
Brand	Fel-Pro
Model Number	HS 9354 PT-2
Material	Steel, Graphite/Reinforced Fiber
Item Weight	16 ounces (1 lb)
Included Components	Head Gasket Set
UPC	084113200731

8. WARRANTY AND SUPPORT

For warranty information and support regarding the Fel-Pro HS 9354 PT-2 Head Gasket Set, please contact the retailer or seller from whom the product was purchased. They can provide assistance with product-specific inquiries and warranty claims.

Fel-Pro products are designed for professional-grade performance. For technical assistance or detailed product specifications, you may also visit the official Fel-Pro website or consult their technical documentation.