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› SUSUCAR NON AFM DOD Lifters Kit with Head Gasket Set & Bolts for LS Chevy GMC 6.0L 6.2L (2007-2016) - Instruction Manual

SUSUCAR 6.2nonafm

SUSUCAR NON AFM DOD Lifters Kit with Head Gasket Set & Bolts for LS Chevy GMC 6.0L 6.2L (2007-2016)

Instruction Manual

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation and maintenance of the SUSUCAR NON AFM DOD Lifters Kit. This kit is designed to replace Active Fuel Management (AFM) / Displacement On Demand (DOD) components in compatible vehicles, ensuring optimal engine performance and longevity.

Package Contents:

- 16 x NON-AFM Hydraulic Roller Lifters
- 4 x Lifter Guides
- 2 x Multiple Layers Steel (MLS) Head Gaskets
- 1 x Valve Cover Gasket
- 16 x Valve Stem Seals
- 1 x Intake Manifold Gasket (Rectangular Port)
- 2 x Exhaust Manifold Gaskets
- 1 x Front Camshaft Seal
- Various O-rings and other small gaskets
- 30 x Cylinder Head Bolts (20 long, 10 small)

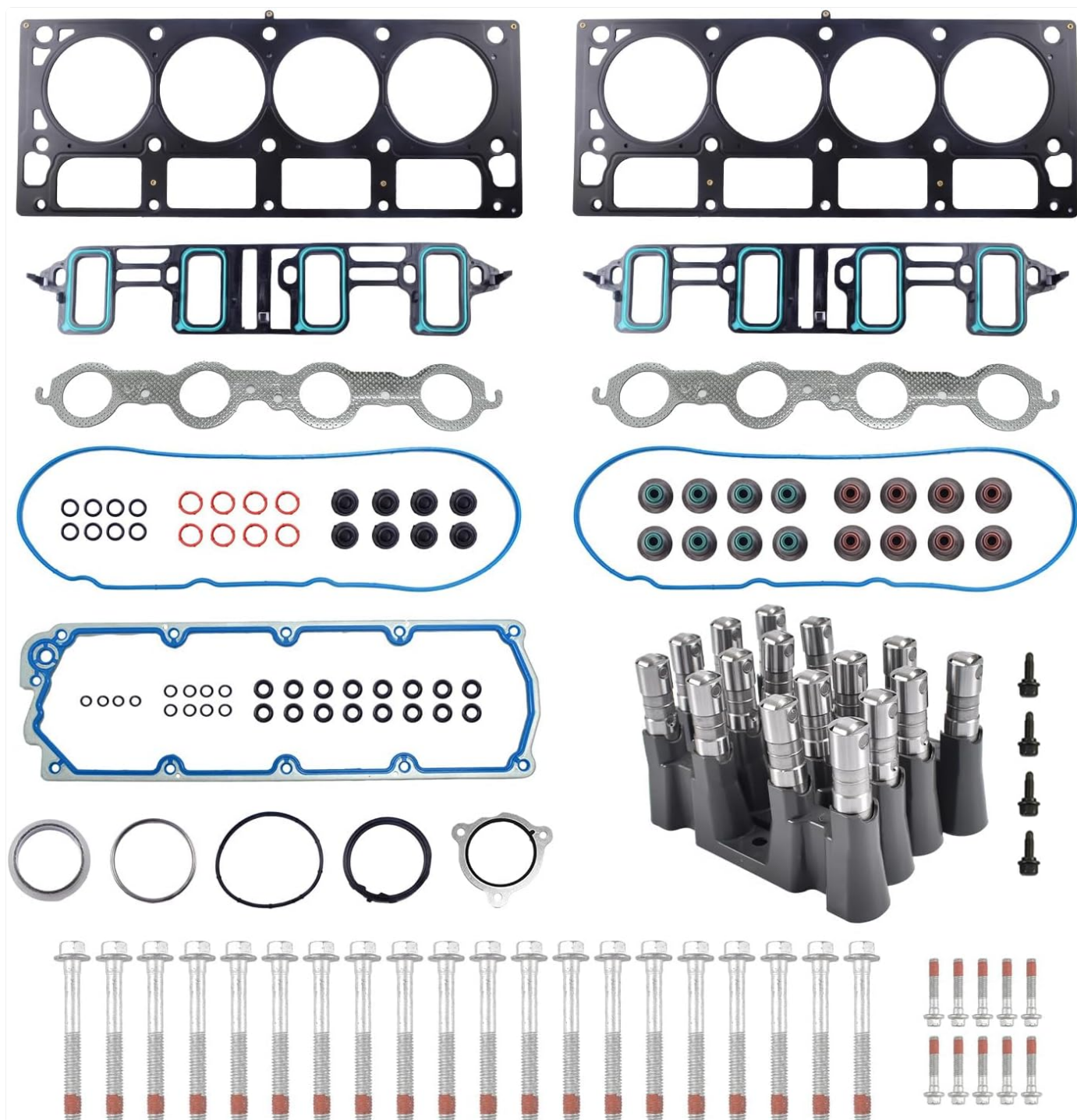


Figure 1: Complete SUSUCAR NON AFM DOD Lifters Kit, including lifters, gaskets, and bolts.

2. COMPATIBILITY

This kit is compatible with various 6.0L and 6.2L LS engines in Chevrolet, GMC, and Hummer models from 2007 to 2016. Please verify your vehicle's specific engine and model year for accurate fitment.

Compatible Chevrolet Models:

- 2008-2016 Chevrolet Express 2500/3500 6.0L
- 2010-2016 Chevrolet Express 4500 6.0L
- 2009-2013 Chevrolet Silverado 1500 6.2L
- 2007-2016 Chevrolet Silverado 2500/3500 HD 6.0L

- 2007-2013 Chevrolet Suburban 2500 6.0L
- 2016 Chevrolet Suburban 3500 HD 6.0L
- 2016 Chevrolet Suburban 6.0L

Compatible GMC Models:

- 2008-2016 GMC Savana 2500/3500 6.0L
- 2010-2016 GMC Savana 4500 6.0L
- 2008 GMC Sierra 1500 6.2L
- 2007-2015 GMC Sierra 2500 HD 6.0L
- 2007-2016 GMC Sierra 3500 HD 6.0L
- 2007-2013 GMC Yukon XL 2500 6.0L

Compatible Hummer Models:

- 2008-2009 Hummer H2 6.2L



Figure 2: Examples of compatible Chevrolet Silverado and GMC Sierra trucks.

3. COMPONENTS DESCRIPTION

The kit includes high-quality components designed for durability and precise fitment.

3.1. Hydraulic Roller Lifters

These NON-AFM hydraulic roller lifters are engineered to provide reliable valve train operation, eliminating the Active Fuel Management system for consistent cylinder operation.



Figure 3: Close-up view of the hydraulic roller lifters.

3.2. Head Gasket Set

The kit features Multiple Layers Steel (MLS) head gaskets, valve cover gaskets, valve stem seals, intake manifold gaskets (rectangular port), exhaust manifold gaskets, and various O-rings and small gaskets. These components ensure a tight seal and prevent leaks, crucial for engine efficiency.





Figure 4: MLS Head Gaskets and Valve Stem Seals.

Your browser does not support the video tag.

Video 1: Overview of a Head Gasket for Chevy GMC 6.2L, demonstrating its design and features.

3.3. Cylinder Head Bolts

The kit includes 30 cylinder head bolts (20 long, 10 small) to secure the cylinder heads properly. These bolts are critical for maintaining the correct clamping force on the head gaskets.



Figure 5: Cylinder head bolts included in the kit.

4. INSTALLATION INSTRUCTIONS

Professional installation is recommended. Always refer to your vehicle's specific service manual for torque specifications and detailed procedures. The following steps provide a general overview.

4.1. Preparation

1. Ensure the engine is cool and disconnected from the battery.
2. Drain engine oil and coolant.
3. Remove all necessary components to access the cylinder heads and lifters (e.g., intake manifold, valve covers, rocker arms, pushrods).
4. Clean all mating surfaces thoroughly to ensure proper sealing.

4.2. Lifter Pre-Lubrication

Before installation, it is crucial to lubricate the new hydraulic roller lifters to prevent dry start damage.

- Submerge the lifters in clean engine oil for 10-15 minutes. This ensures all internal parts, including springs and rollers, are well-lubricated.

5. SPECIFICATIONS

Feature	Specification
Manufacturer	SUSUCAR
Model Number	6.2nonafm
Item Weight	16.37 pounds
Package Dimensions	23.75 x 15.25 x 6 inches
Lifter Type	NON-AFM Hydraulic Roller
Head Gasket Type	Multiple Layers Steel (MLS)
Cylinder Head Bolts	30 pcs (20 long, 10 small)

6. TROUBLESHOOTING

If you encounter issues after installation, consider the following common troubleshooting steps:

- **Engine Noise:** Ensure proper lifter pre-lubrication and correct valve lash adjustment. Check for adequate oil pressure.
- **Oil Leaks:** Verify all gaskets are correctly seated and torqued to specification. Inspect for any pinched or damaged seals.
- **Performance Issues:** Double-check all electrical connections and sensor placements. Ensure the camshaft is correctly timed.

For persistent issues, consult a certified automotive technician.

7. WARRANTY AND SUPPORT

This SUSUCAR product comes with a 12-month warranty. For any product-related issues or support inquiries, please contact SUSUCAR customer service through the retailer where the product was purchased.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question