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LUVCAASXQ G16B

LUVCAASXQ G16B Engine Full Gasket Set Kit Instruction Manual

For Suzuki 1.6L Engines: ESCUDO, CULTUS, BALENO, ESTEEM, VITARA, GRAND VITARA, X-90, SWIFT II

1. INTRODUCTION

This manual provides essential information for the installation and maintenance of the LUVCAASXQ G16B Engine Full Gasket Set Kit. This kit is designed to provide a comprehensive solution for sealing critical engine components, ensuring optimal performance and preventing leaks. Please read these instructions carefully before proceeding with installation.

Important Note: Confirm that the shape of your vehicle's existing components matches the products shown in this kit. Always double-check our photos and part numbers against your old parts before purchase and installation. Regional variations may exist, affecting model compatibility.

2. PRODUCT OVERVIEW

The LUVCAASXQ G16B Engine Full Gasket Set Kit includes all necessary gaskets, seals, and cylinder head bolts for a complete engine overhaul or repair. These components are engineered for high sealing performance, resistance to high temperatures and pressures, and effective cushioning to absorb engine vibrations.

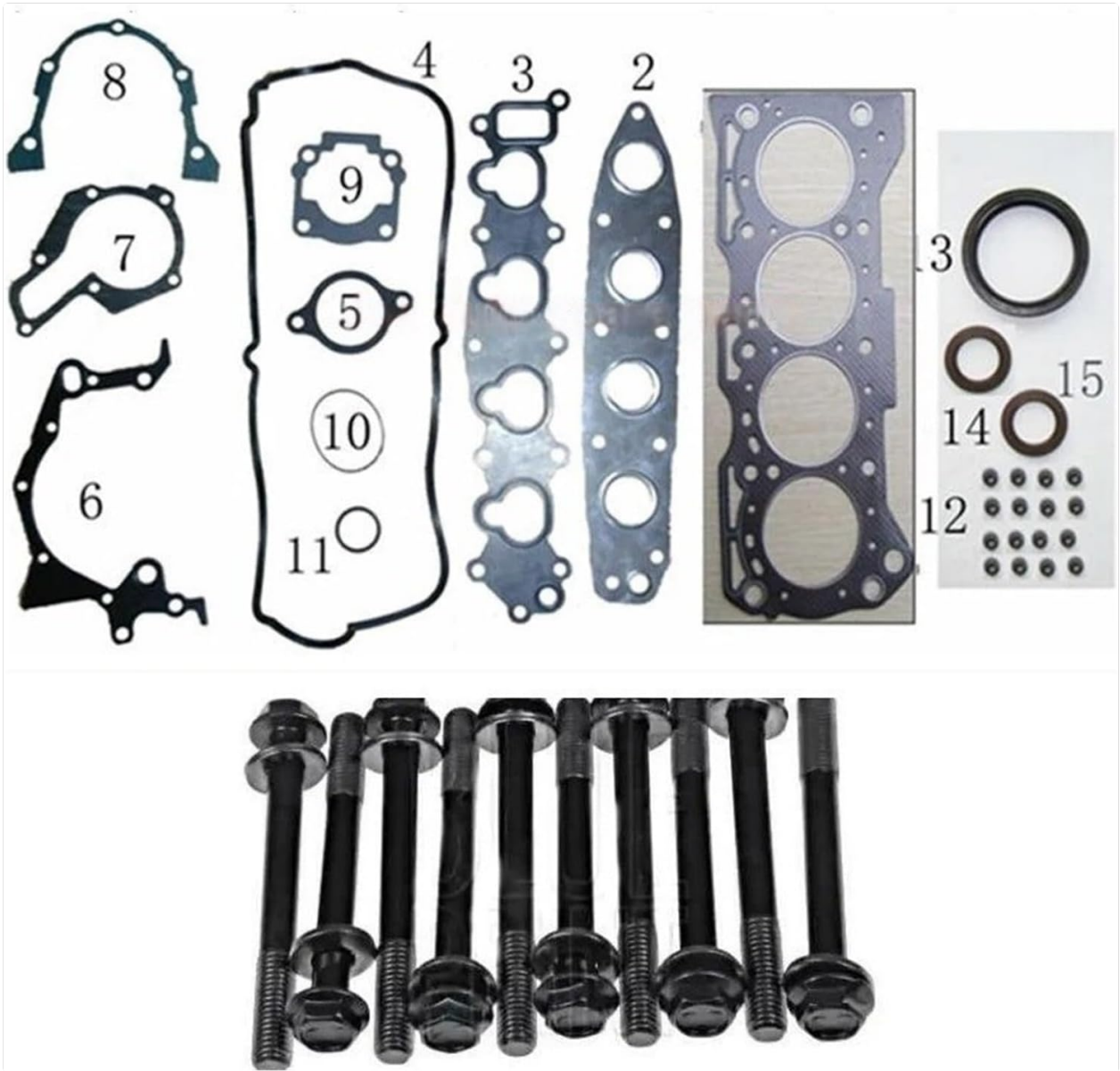


Figure 2.1: Complete LUVCAASXQ G16B Engine Full Gasket Set Kit showing all included gaskets, seals, and cylinder head bolts.

Description

G16B Engine Full gasket SET kit cylinder head bolt nuts for SUZUKI ESCUDO CULTUS BALENO ESTEEM VITARA GRAND X-90 SWIFT II 1.6L

ENGINE: G16B 1.6L

PART NUMBER AND OEM NUMBER :

11400-71812 11400 71812 1140071812

50111500 437021P 9952018 FS1208 212479 01-53010-01 015301001

APPLICATION:

MAKE	MODEL	ENGINE	CC	KW	HP	TYPE	YEAR
Suzuki	ESCUDO (ET, TA) 1.6 i 16V All-wheel Drive (ET, TA02)	G16B	1589	71	97	Closed Off-Road Vehicle	1990/07 - 98/03
	CULTUS II Saloon (AH, AJ) 1.6 i (SF416, AH14)	G16B	1590	68	92	Saloon	1990/01 - 01/05
	CULTUS II Saloon (AH, AJ) 1.6 i 4WD (SF416, AJ14)	G16B	1590	68	92	Saloon	1990/01 - 01/05
	CULTUS II Saloon (AH, AJ) 1.6 (SF416, AH14)	G16B	1590	70	95	Saloon	1989/11 - 91/12
	CULTUS II Saloon (AH, AJ) 1.6 4WD (SF416, AJ14)	G16B	1590	70	95	Saloon	1989/11 - 91/12
	BALENO Hatchback (EG) 1.6 i 16V	G16B	1590	72	98	Hatchback	1995/07 - 02/05
	BALENO Hatchback (EG) 1.6 i 16V 4x4	G16B	1590	72	98	Hatchback	1995/07 - 02/05
	ESTEEM (EG) 1.6 i 16V	G16B	1590	72	98	Saloon	1995/07 - 02/05
	ESTEEM (EG) 1.6 i 16V 4x4	G16B	1590	72	98	Saloon	1995/07 - 02/05
	ESTEEM Estate (EG) 1.6 i 16V	G16B	1590	72	98	Estate	1996/08 - 02/05
	ESTEEM Estate (EG) 1.6 i 16V 4x4	G16B	1590	72	98	Estate	1996/08 - 02/05
	VITARA Cabrio (ET, TA) 1.6 i 16V	G16B	1589	71	97	Open Off-Road Vehicle	1990/07 - 99/03
	GRAND VITARA (INC XL-7) I (FT) 1.6 4x4	G16B	1590	69	94	Closed Off-Road Vehicle	1998/03 - 03/07
	X-90 (EL) 1.6 i 16V 4x4	G16B	1590	71	97	Open Off-Road Vehicle	1995/09 - 97/12
	X-90 (EL) 1.6 i 16V	G16B	1590	71	97	Open Off-Road Vehicle	1995/09 - 97/12
	SWIFT II Hatchback (EA, MA) 1.6 4x4	G16B	1590	68	92	Hatchback	1995/09 - 97/12

Figure 2.2: Detailed view of the gasket assortment and cylinder head bolts.

3. COMPATIBILITY

This gasket set is compatible with Suzuki vehicles equipped with the G16B 1.6L engine. Please refer to the detailed application table below to confirm compatibility with your specific make, model, and year.

Engine Type: G16B 1.6L

Application Table:

MAKE	MODEL	ENGINE	CC	KW	HP	TYPE	YEAR
Suzuki	ESCUDO (ET, TA) 1.6 i 16V All-wheel Drive (ET, TA02)	G16B	1589	71	97	Closed Off-Road Vehicle	1990/07-98/03
Suzuki	CULTUS II Saloon (AH, AJ) 1.6 i (SF416, AH14)	G16B	1590	68	92	Saloon	1990/01 - 01/05
Suzuki	CULTUS II Saloon (AH, AJ) 1.6 i 4WD (SF416, AJ14)	G16B	1590	68	92	Saloon	1990/01 - 01/05
Suzuki	CULTUS II Saloon (AH, AJ) 1.6 (SF416, AH14)	G16B	1590	70	95	Saloon	1989/11 - 91/12
Suzuki	CULTUS II Saloon (AH, AJ) 1.6 4WD (SF416, AJ14)	G16B	1590	70	95	Saloon	1989/11 - 91/12
Suzuki	BALENO Hatchback (EG) 1.6 i 16V	G16B	1590	72	98	Hatchback	1995/07 - 02/05
Suzuki	BALENO Hatchback (EG) 1.6 i 16V 4x4	G16B	1590	72	98	Hatchback	1995/07 - 02/05
Suzuki	ESTEEM (EG) 1.6 i 16V	G16B	1590	72	98	Saloon	1995/07 - 02/05
Suzuki	ESTEEM (EG) 1.6 i 16V 4x4	G16B	1590	72	98	Saloon	1995/07 - 02/05
Suzuki	ESTEEM Estate (EG) 1.6 i 16V	G16B	1590	72	98	Estate	1996/08 - 02/05
Suzuki	ESTEEM Estate (EG) 1.6 i 16V 4x4	G16B	1590	72	98	Estate	1996/08 - 02/05
Suzuki	VITARA Cabrio (ET, TA) 1.6 i 16V	G16B	1589	71	97	Open Off-Road Vehicle	1990/07 - 99/03
Suzuki	GRAND VITARA (INC XL-7) I (FT) 1.6 4x4	G16B	1590	69	94	Closed Off-Road Vehicle	1998/03 - 03/07
Suzuki	X-90 (EL) 1.6 i 16V 4x4	G16B	1590	71	97	Open Off-Road Vehicle	1995/09 - 97/12
Suzuki	X-90 (EL) 1.6 i 16V	G16B	1590	71	97	Open Off-Road Vehicle	1995/09 - 97/12
Suzuki	SWIFT II Hatchback (EA, MA) 1.6 4x4	G16B	1590	68	92	Hatchback	159

4. PART NUMBERS AND OEM CROSS-REFERENCE

For verification and cross-referencing, the following part numbers are associated with this gasket set:

- **OEM Part Numbers:** 11400-71812, 11400 71812, 1140071812
- **Other Compatible Part Numbers:** 50111500, 437021P, 9952018, FS1208, 212479, 01-53010-01, 015301001

5. INSTALLATION GUIDELINES (SETUP)

Installation of engine gaskets and cylinder head bolts requires specialized tools, knowledge, and adherence to

specific torque specifications. Incorrect installation can lead to engine damage, leaks, and reduced performance.

- **Professional Installation Recommended:** It is highly recommended that this gasket set be installed by a certified automotive technician.
- **Consult Service Manual:** Always refer to your vehicle's official service manual for detailed, step-by-step installation procedures, torque specifications, and sequence for cylinder head bolts and other components.
- **Surface Preparation:** Ensure all mating surfaces are thoroughly cleaned, free of old gasket material, debris, oil, and corrosion. A clean, smooth surface is crucial for proper sealing.
- **Gasket Orientation:** Pay close attention to the correct orientation of each gasket. Many gaskets are designed for a specific fit and direction.
- **Torque Specifications:** Cylinder head bolts and other fasteners must be tightened to the manufacturer's specified torque values and in the correct sequence to prevent warping and ensure an even seal.

6. OPERATING PRINCIPLES

Engine gaskets are critical components that create a seal between various engine parts, preventing the leakage of vital fluids and gases. They are designed to withstand extreme conditions within the engine, including high temperatures, pressures, and corrosive environments.

- **Sealing Performance:** Gaskets ensure a tight seal between components like the cylinder head and engine block, intake manifold, exhaust manifold, and oil pan, preventing the escape of combustion gases, engine oil, and coolant.
- **Temperature and Pressure Resistance:** Constructed from materials capable of enduring the engine's operational heat and internal pressures, maintaining integrity under stress.
- **Vibration Dampening:** Gaskets also provide a cushioning effect, absorbing vibrations and impacts generated during engine operation, thereby reducing wear and tear on connected components.
- **Fuel Economy:** By maintaining optimal sealing in the combustion chamber, gaskets contribute to efficient combustion, which can improve fuel economy.

7. MAINTENANCE

Proper maintenance of your engine's sealing components is crucial for longevity and performance. While gaskets themselves are not typically 'maintained' after installation, their performance is directly linked to overall engine health.

- **Regular Inspections:** Periodically check for signs of fluid leaks (oil, coolant) around gasketed areas. Early detection can prevent more significant issues.
- **Fluid Levels:** Maintain correct engine oil and coolant levels. Low fluid levels can indicate a leak, potentially from a gasket.
- **Overheating Prevention:** Prevent engine overheating, as excessive heat can degrade gasket materials and lead to premature failure. Ensure your cooling system is functioning correctly.
- **Proper Torque:** If any fasteners related to gasketed components are loosened for other repairs, ensure they are re-torqued to factory specifications upon reassembly.

8. TROUBLESHOOTING

If you experience issues after gasket installation or suspect a gasket-related problem, consider the following common troubleshooting steps:

- **Fluid Leaks:** If oil, coolant, or other fluids are leaking, identify the source. This often points to a failed gasket or improper installation. Check for visible cracks, tears, or displaced gasket material.
- **Overheating:** A blown head gasket can cause coolant to enter the combustion chamber or exhaust system, leading to overheating. Look for white smoke from the exhaust, coolant loss without external leaks, or oil in the coolant.
- **Loss of Engine Power/Misfires:** A compromised head gasket can reduce compression in cylinders, leading to misfires, rough idling, and a noticeable loss of engine power.
- **Unusual Exhaust Smoke:** Blue smoke indicates burning oil, often from valve stem seals or piston rings, but can also be related to internal gasket failures. White smoke can indicate burning coolant.
- **Professional Diagnosis:** For persistent or severe issues, consult a qualified mechanic for a professional diagnosis. They can perform tests such as compression tests, leak-down tests, and cooling system pressure tests to pinpoint gasket failures.

9. SPECIFICATIONS

Key specifications for the LUVCAASXQ G16B Engine Full Gasket Set Kit:

- **Brand:** LUVCAASXQ
- **Model:** G16B
- **Item Weight:** 1.76 ounces
- **Package Dimensions:** 1.18 x 0.79 x 0.39 inches
- **ASIN:** B0DPKQHW37
- **Manufacturer Part Number:** GOGOSHOP01 (Note: This may refer to the seller's internal tracking number)
- **Date First Available:** December 4, 2024

10. WARRANTY AND SUPPORT

For specific warranty information regarding your LUVCAASXQ G16B Engine Full Gasket Set Kit, please refer to the product packaging or contact the seller directly. Keep your proof of purchase for any warranty claims.

For technical support or further inquiries, please reach out to the seller or manufacturer through the platform where the product was purchased.