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## LUVCAASXQ GOGOSHOP01

# LUVCAASXQ A2C59514652 Throttle Body Instruction Manual

For Transporter T5 Vehicles

## 1. INTRODUCTION

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This manual provides essential information for the proper installation, operation, and maintenance of the LUVCAASXQ A2C59514652 Throttle Body. Please read these instructions thoroughly before proceeding with any procedures to ensure safe and correct usage.

### 1.1 Product Overview

The throttle body is a critical component of an internal combustion engine's air intake system. It regulates the amount of air flowing into the engine, which directly impacts engine speed and power. This specific throttle body is designed for compatibility with Transporter T5 vehicles.

### 1.2 Intended Use

This product is intended as a direct replacement part for the specified vehicle models. It is designed to restore or improve engine performance by ensuring precise air intake control.

## 2. COMPATIBILITY AND PART VERIFICATION

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### 2.1 Important Notes

To ensure correct compatibility, the part number is the primary identifier. Vehicle models can vary by manufacturing year, country, and specific adaptations, which may affect the parts used. Always confirm the OEM number matches the one listed for this product.

### 2.2 Verifying Part Numbers

Before installation, locate the part number on your original component. This number is typically found on the bottom, top, front, or side of the part. Compare it with the numbers A2C59514652, A2C53249826, or 076128063A to confirm compatibility.



**Figure 2.1:** Example of OEM part number verification. Always cross-reference the number on your existing part with the product's specified part numbers.

# A2C59514652



Figure 2.2: The LUVCAASXQ A2C59514652 Throttle Body, showing the part number for verification.

## 3. FEATURES

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The LUVCAASXQ A2C59514652 Throttle Body offers several key features designed to enhance vehicle performance and reliability:

- **Improved Engine Performance:** Designed to boost fuel efficiency, optimize throttle response, and enhance acceleration.
- **Durable and Reliable Construction:** Manufactured from premium materials to ensure long-lasting performance and resistance to wear.
- **Enhanced Throttle Control:** Provides smoother throttle response and improved acceleration for a better driving experience.
- **Effortless Installation:** Engineered for straightforward setup, suitable for both experienced technicians

and DIY enthusiasts.



**Figure 3.1:** Main view of the LUVCAASXQ A2C59514652 Throttle Body, showcasing its design.

## 4. INSTALLATION

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Installation of the throttle body should be performed by a qualified technician or an individual with appropriate automotive repair experience. Always refer to your vehicle's specific service manual for detailed instructions and safety precautions.

## 4.1 General Installation Steps (Consult Vehicle Manual for Details)

1. **Safety First:** Disconnect the vehicle's battery before beginning any work. Allow the engine to cool down.
2. **Locate and Access:** Identify the existing throttle body. This typically involves removing air intake components to gain access.
3. **Disconnect:** Carefully disconnect all electrical connectors and vacuum lines attached to the old throttle body.
4. **Remove Old Unit:** Unbolt the old throttle body from the intake manifold. Be prepared for any residual coolant or oil.
5. **Clean Mounting Surface:** Thoroughly clean the intake manifold's mounting surface to ensure a proper seal with the new throttle body.
6. **Install New Unit:** Place the new LUVCAASXQ A2C59514652 Throttle Body with a new gasket (if applicable) onto the intake manifold. Secure it with bolts, tightening to the manufacturer's specified torque.
7. **Reconnect:** Reattach all electrical connectors and vacuum lines. Ensure all connections are secure.
8. **Reassemble:** Reinstall any air intake components that were removed.
9. **Final Checks:** Reconnect the battery. Start the vehicle and check for proper operation, leaks, or error codes.



## 5. OPERATION

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The throttle body operates in conjunction with the vehicle's Engine Control Unit (ECU) to manage engine air intake. When the accelerator pedal is pressed, a signal is sent to the throttle body, which then opens a valve (throttle plate) to allow more air into the engine. This increased airflow, combined with fuel injection, generates more power.

After installation, the ECU may need to recalibrate to the new throttle body. This often happens automatically over a few driving cycles. If issues persist, a manual recalibration or diagnostic scan may be necessary.

## 6. MAINTENANCE

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Regular maintenance of the throttle body can help ensure optimal engine performance and longevity. While this component is generally robust, periodic inspection is recommended.

- **Inspection:** During routine vehicle maintenance, visually inspect the throttle body for any signs of damage, excessive dirt, or carbon buildup.
- **Cleaning:** If carbon buildup is observed, a specialized throttle body cleaner can be used. Always follow the cleaner manufacturer's instructions and avoid harsh abrasives. Disconnecting the battery before cleaning is advisable.
- **Gasket Integrity:** Check the integrity of the throttle body gasket. A worn or damaged gasket can lead to vacuum leaks and affect engine performance.

## 7. TROUBLESHOOTING

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If you experience issues after installing the new throttle body, consider the following common troubleshooting steps:

- **Check Engine Light (CEL):** If the CEL illuminates, retrieve diagnostic trouble codes (DTCs) using an OBD-II scanner. Codes related to throttle position sensor or throttle actuator control can indicate an issue.
- **Rough Idling or Stalling:** This could be due to an improper installation, a vacuum leak, or the ECU not having fully adapted to the new throttle body. Recheck all connections and ensure the gasket is properly seated.
- **Poor Throttle Response:** If the vehicle feels sluggish or has delayed throttle response, ensure all electrical connectors are firmly attached. A throttle body relearn procedure might be required for your specific vehicle model.
- **Whistling or Hissing Sounds:** These sounds often indicate a vacuum leak around the throttle body or intake manifold. Inspect all hoses and the gasket.

If problems persist after basic troubleshooting, it is recommended to consult a professional automotive technician.

## 8. SPECIFICATIONS

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Specification	Value
Brand	LUVCAASXQ
Manufacturer	GOGOSHOP01
Model	GOGOSHOP01
Item Model Number	GOGOSHOP01
Manufacturer Part Number	GOGOSHOP01
Item Weight	1.76 ounces
Package Dimensions	1.18 x 0.79 x 0.39 inches
ASIN	B0DSBH467Z
Date First Available	January 6, 2025

## 9. WARRANTY AND SUPPORT

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For information regarding product warranty, returns, or technical support, please refer to the seller's policies or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.