Ford 5L8Z2B373BC

User Manual

Ford ABS Control Module

Model: 5L8Z-2B373-BC

Introduction

This manual provides essential information regarding the Ford 5L8Z-2B373-BC ABS Control Module. This genuine Ford part is designed to fit specific vehicles and is manufactured to meet precise specifications for fit, form, and function. The Anti-lock Braking System (ABS) control module is a critical component of your vehicle's braking system, responsible for preventing wheel lock-up during hard braking, thereby maintaining steering control.

Setup and Installation

Installation of an ABS Control Module is a complex procedure that requires specialized tools and knowledge. It is strongly recommended that this component be installed by a certified automotive technician to ensure proper function and vehicle safety.

General Installation Guidelines (For Professional Reference):

- **Safety First:** Disconnect the vehicle's battery before beginning any work. Ensure the vehicle is securely supported on a lift or jack stands.
- **Locate the Module:** Identify the location of the existing ABS control module in your vehicle. This often involves removing other components for access.
- **Disconnect Connections:** Carefully disconnect all electrical connectors and brake lines from the old module. Be prepared for brake fluid leakage and have appropriate containers.
- **Remove Old Module:** Unbolt and remove the faulty ABS control module.
- **Install New Module:** Position the new Ford 5L8Z-2B373-BC module and secure it with the appropriate fasteners.
- **Reconnect:** Reconnect all electrical connectors and brake lines. Ensure all connections are secure and properly torqued.
- **Brake System Bleeding:** After installation, the brake system must be properly bled to remove any air introduced during the process. This often requires a diagnostic scan tool to cycle the ABS pump.

- **System Initialization:** Some vehicles may require the new ABS module to be programmed or initialized using a diagnostic scan tool to communicate with the vehicle's onboard computer.
- **Test Drive:** Perform a thorough test drive in a safe environment to confirm proper ABS function.



Figure 1: Front view of the Ford ABS Control Module, showing the main housing and electrical connector port.



Figure 2: Side view of the Ford ABS Control Module, highlighting the multiple ports for brake line connections.

Operating Principles

The ABS Control Module is an integral part of your vehicle's Anti-lock Braking System. During normal driving, it continuously monitors the speed of each wheel. In the event of sudden or hard braking, if it detects that a wheel is about to lock up, the module rapidly modulates the brake pressure to that specific wheel. This rapid cycling of brake pressure prevents the wheel from locking, allowing the driver to maintain steering control and reduce stopping distances on slippery surfaces.

Maintenance

The Ford ABS Control Module itself is a sealed electronic component and does not require routine user maintenance. Its longevity is primarily dependent on the overall health of the vehicle's electrical and braking systems. To ensure optimal performance and lifespan of the module, adhere to the following general vehicle maintenance practices:

- Regularly inspect brake fluid levels and condition.
- Ensure all electrical connections to the module are clean, secure, and free from corrosion.
- Address any vehicle electrical issues promptly to prevent damage to sensitive electronic components.
- Follow your vehicle manufacturer's recommended service schedule for brake system inspections.

Troubleshooting

If you suspect an issue with your ABS Control Module, it is crucial to seek professional diagnosis. Common indicators of a potential ABS module malfunction include:

- **ABS Warning Light:** The most common symptom is the illumination of the ABS warning light on your vehicle's dashboard.
- **Brake Pedal Pulsation/Vibration:** Unusual pulsations or vibrations in the brake pedal during normal braking (not just hard braking).
- **Loss of ABS Function:** Wheels locking up during hard braking, indicating the ABS system is not engaging.
- **Diagnostic Trouble Codes (DTCs):** A professional scan tool will often reveal specific fault codes related to the ABS module or its sensors.

Note: Many issues that appear to be related to the ABS module can sometimes be caused by faulty wheel speed sensors, wiring issues, or low brake fluid. A professional diagnostic scan is necessary to accurately pinpoint the root cause.

Specifications

Attribute	Value
Brand	Ford
Item Weight	10 pounds
Manufacturer Part Number	5L8Z2B373BC
OEM Part Number	5L8Z-2B373-BC
ASIN	B000PCW45C
Date First Available	March 10, 2014

Warranty Information

For specific warranty details regarding your Ford 5L8Z-2B373-BC ABS Control Module, please refer to the documentation provided at the time of purchase or contact your authorized Ford dealer or the original point of sale. Warranty terms typically cover manufacturing defects and vary by region and seller.

Customer Support

If you require further assistance, technical support, or have questions regarding the Ford 5L8Z-2B373-BC ABS Control Module, please contact:

- Your certified Ford service center or dealership.
- The automotive parts retailer from whom you purchased the module.
- Ford Customer Service (refer to the official Ford website for contact information in your region).

Official Product Videos

No official product videos from the seller are available for this specific ABS Control Module at this time.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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