

[Manuals.plus](#) /

› [Dorman](#) /

› Dorman CS360058 Clutch Slave Cylinder Instruction Manual

Dorman CS360058

Dorman CS360058 Clutch Slave Cylinder Instruction Manual

Model: CS360058

1. INTRODUCTION

The Dorman CS360058 Clutch Slave Cylinder is engineered as a direct replacement component for specific vehicle years, makes, and models. It is designed to restore proper clutch operation by matching the original equipment's design and functionality. This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your Dorman CS360058 Clutch Slave Cylinder.

What's in the Box:

- One (1) Dorman CS360058 Clutch Slave Cylinder

2. PRODUCT OVERVIEW

The Dorman CS360058 Clutch Slave Cylinder is a critical component in a vehicle's hydraulic clutch system. It receives hydraulic pressure from the master cylinder and uses it to disengage the clutch, allowing for gear changes.



Figure 2.1: Top-down view of the Dorman CS360058 Clutch Slave Cylinder, showing the main body and hydraulic connections.



Figure 2.2: Angled view of the Dorman CS360058 Clutch Slave Cylinder, highlighting the hydraulic lines and mounting points.

Key Features:

- **Direct Replacement:** Designed to match the original clutch slave cylinder in specific vehicles for a seamless fit.
- **Precision Engineering:** Reverse-engineered from original equipment to ensure reliable function and compatibility.
- **Durable Construction:** Manufactured with high-grade rubber components suitable for use with standard brake fluid.
- **Quality Assurance:** Backed by a team of engineers and quality control experts to ensure product integrity.

3. INSTALLATION

Installation of a clutch slave cylinder typically requires specialized tools and automotive knowledge. It is highly recommended that this procedure be performed by a qualified automotive technician.

General Installation Guidelines:

1. **Vehicle Preparation:** Ensure the vehicle is safely supported on jack stands or a lift. Disconnect the battery.
2. **Access:** Gain access to the clutch slave cylinder, which may require removal of other components such as the transmission.
3. **Fluid Drainage:** Carefully drain the hydraulic fluid from the clutch system.
4. **Removal of Old Unit:** Disconnect the hydraulic line and mounting hardware from the old slave cylinder. Remove the old unit.
5. **Installation of New Unit:** Install the Dorman CS360058, ensuring all mounting points are secure and the hydraulic line is properly connected. Verify that the quick disconnect mechanism, if present, engages correctly.

- 6. **Bleeding the System:** Bleed the clutch hydraulic system thoroughly to remove all air. This is a critical step for proper clutch operation. Refer to your vehicle's service manual for specific bleeding procedures.
- 7. **Fluid Refill:** Refill the clutch master cylinder reservoir with the appropriate brake fluid (compatible with high-grade rubber components).
- 8. **Testing:** Test clutch operation before driving the vehicle.

Important: Before purchasing and installing, use a vehicle fitment tool to confirm this part is compatible with your exact vehicle's make, model, and trim level.

4. OPERATING PRINCIPLES

The clutch slave cylinder operates as part of a hydraulic system. When the clutch pedal is depressed, it actuates the clutch master cylinder, which then sends pressurized hydraulic fluid through a line to the slave cylinder. The slave cylinder converts this hydraulic pressure into mechanical force, pushing a rod or fork that disengages the clutch from the flywheel, allowing the transmission to shift gears. When the pedal is released, the pressure is relieved, and the clutch re-engages.

5. MAINTENANCE

Regular inspection and maintenance of your hydraulic clutch system can extend the life of components, including the slave cylinder.

- **Fluid Level Check:** Periodically check the clutch fluid reservoir level. Low fluid can indicate a leak or worn components.
- **Fluid Condition:** Inspect the clutch fluid for discoloration or contamination. Dark or murky fluid may require flushing and replacement.
- **Leak Inspection:** Regularly inspect the slave cylinder, hydraulic lines, and connections for any signs of fluid leaks. Leaks can lead to loss of clutch pressure and system failure.
- **Component Inspection:** Check for any visible damage or wear on the slave cylinder body and its connections.

If any issues are detected, it is recommended to consult a qualified technician for diagnosis and repair.

6. TROUBLESHOOTING

This section addresses common issues that may arise with a clutch slave cylinder. Always consult a professional technician for complex diagnostics and repairs.

Symptom	Possible Cause	Recommended Action
Clutch pedal feels soft or spongy	Air in the hydraulic system; low fluid level; internal slave cylinder leak	Bleed the clutch system; check fluid level and refill if necessary; inspect for leaks.
Difficulty shifting gears	Incomplete clutch disengagement due to slave cylinder malfunction or air in system	Check for leaks; bleed the clutch system; inspect slave cylinder for proper movement.
Fluid leak around slave cylinder or connections	Damaged seals; loose connections; faulty bleed valve; incompatible quick disconnect	Inspect all connections for tightness; check bleed valve for proper seal; replace slave cylinder if seals are damaged or component is faulty.
Clutch pedal stays on the floor	Major hydraulic fluid loss; complete slave cylinder failure	Inspect for severe leaks; replace slave cylinder and bleed system.

7. SPECIFICATIONS

Specification	Detail
Brand	Dorman

Specification	Detail
Model	Clutch Slave Cylinder
Item Model Number	CS360058
Manufacturer Part Number	CS360058
Item Weight	2 pounds
Product Dimensions	12.1 x 6.5 x 4.6 inches
Exterior Finish	Machined
OEM Part Numbers	13207; 138.66006; 139.66006; 18F183; 24-44006; 360058; 386-433; 900027; CS2255; F134322; F143570; LSC265; LSC265B; S-86006; S0418; S0418E; S0418NB; SC134322; SC143570; SC360058; SH6133; SH6163; W909210; 12565145; 15018532; 15046288; 15727249; 15742944; 15969584; 24264182; 8-15018-532-0; 8-15046-288-0; 8-15998-501-0

8. WARRANTY INFORMATION

For detailed warranty information regarding the Dorman CS360058 Clutch Slave Cylinder, please refer to the official Dorman product warranty documentation provided at the time of purchase or visit the official Dorman website. Warranty terms and conditions may vary.

9. SUPPORT

If you require further assistance, have questions about installation, or need to report a product issue, please contact Dorman customer support directly. You can find contact information on the official Dorman website or through your product retailer.

Visit the official Dorman Store for more information: [Dorman Store on Amazon](#)

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

Open the live page

<https://manuals.plus/asin/B001PYG83I>

More documents and user manuals: <https://manuals.plus/>