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› Dorman 14556 Clutch Pivot Ball Instruction Manual

Dorman 14556

Dorman 14556 Clutch Pivot Ball Instruction Manual

This manual provides essential information for the Dorman 14556 Clutch Pivot Ball, designed for specific vehicle applications. It covers product overview, features, specifications, and general installation guidelines.

1. PRODUCT OVERVIEW

The Dorman 14556 Clutch Pivot Ball is a direct replacement component engineered to match the fit and function of the original part in specified vehicles. It is constructed from quality materials to ensure reliable performance and a long service life.

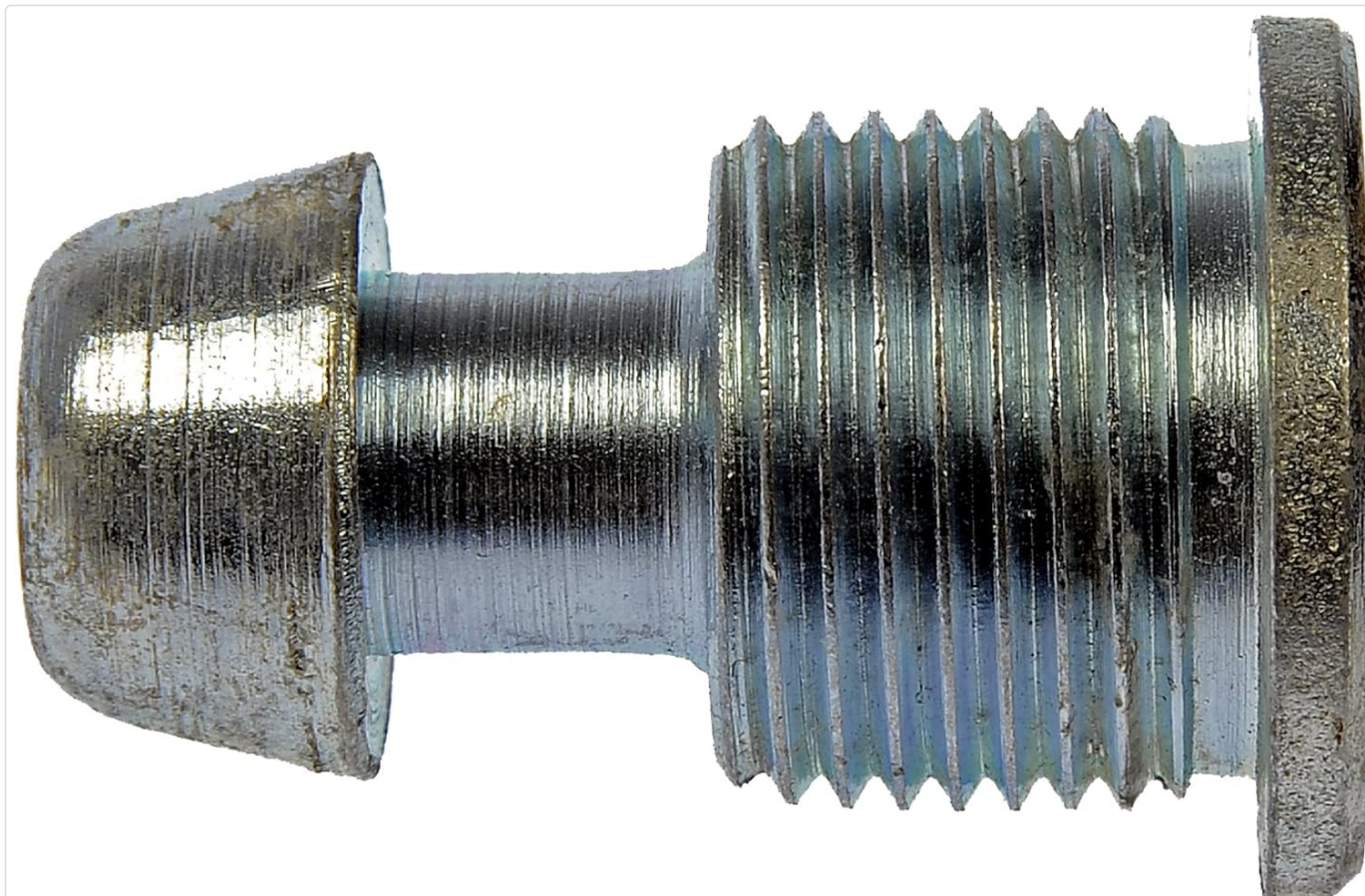


Figure 1: A close-up view of the Dorman 14556 Clutch Pivot Ball, showing its threaded shaft and spherical end.

2. KEY FEATURES

- **Direct Replacement:** This clutch pivot ball is designed to match the fit and function of the original part on specified vehicles.
- **Ideal Solution:** This pivot ball is a reliable replacement for an original part that has failed due to fatigue.
- **Durable Construction:** This part is made from quality materials to ensure reliable performance and long service life.
- **Trustworthy Quality:** Backed by a team of product experts in the United States and more than a century of automotive experience.
- **Ensure Fit:** To make sure this part fits your exact vehicle, input your make, model, and trim level into a compatible garage tool or consult a vehicle fitment guide.

3. SPECIFICATIONS

Specification	Detail
Manufacturer	Dorman Products
Brand	Dorman
Model	Dorman 14556
Ball Stud Thread Size	13/16-16
Length	1.50 Inches
Item Weight	0.01 ounces
Product Dimensions	5.5 x 1.75 x 1.5 inches
Exterior	Machined
Manufacturer Part Number	14556
OEM Part Number Equivalents	JX104; 3729000

4. COMPATIBILITY AND FITMENT

This clutch pivot ball is compatible with select vehicle models. To ensure proper fitment for your specific vehicle, it is recommended to verify compatibility using a vehicle fitment tool or by consulting your vehicle's service manual. Accurate fitment is crucial for correct clutch operation and component longevity.

5. INSTALLATION INSTRUCTIONS

Note: Installation of automotive clutch components requires specialized tools and knowledge. It is highly recommended that this procedure be performed by a qualified automotive technician. Improper installation can lead to component failure or vehicle damage.

5.1. Required Tools (General)

- Wrenches or sockets (appropriate sizes for clutch housing and pivot ball)
- Torque wrench
- Thread locker (if specified by vehicle manufacturer)
- Gloves and safety glasses

5.2. General Installation Steps

1. **Preparation:** Ensure the vehicle is safely supported on jack stands or a lift. Disconnect the battery.
2. **Access Clutch Assembly:** Remove necessary components to gain access to the clutch housing and pivot ball location. This may include the transmission, clutch fork, and pressure plate.
3. **Remove Old Pivot Ball:** Carefully unthread and remove the existing clutch pivot ball. Inspect the threads in the transmission housing for damage.
4. **Install New Pivot Ball:** Apply thread locker if recommended by the vehicle manufacturer. Thread the Dorman 14556 Clutch Pivot Ball into the transmission housing.
5. **Torque Specification:** Tighten the pivot ball to the vehicle manufacturer's specified torque. Refer to your vehicle's service manual for exact specifications.
6. **Reassembly:** Reinstall the clutch fork, pressure plate, transmission, and all other components in reverse order of removal.
7. **Final Check:** Verify proper clutch operation before driving the vehicle.



Figure 2: A side view of the Dorman 14556 Clutch Pivot Ball, highlighting the threaded section and the smooth, rounded pivot point.

6. MAINTENANCE

The Dorman 14556 Clutch Pivot Ball is designed for long-term durability and typically requires no routine maintenance after proper installation. However, it is advisable to inspect clutch components, including the pivot ball, during any clutch service or transmission work for signs of wear or damage. Replace if excessive wear or damage is observed.

7. TROUBLESHOOTING

7.1. Incorrect Fitment

If the pivot ball does not thread correctly or appears to be the wrong size, double-check the part number against your vehicle's specifications. Ensure you have the correct Dorman 14556 model. Consult your vehicle's service manual or a qualified technician for assistance.

7.2. Premature Wear or Failure

While designed for durability, premature wear can occur due to improper installation, misalignment of clutch components, or extreme operating conditions. If you suspect premature wear or failure, consult a qualified technician for diagnosis and repair.



Figure 3: A top-down view of the Dorman 14556 Clutch Pivot Ball, showing the hexagonal recess for installation and the flat base.

8. WARRANTY AND SUPPORT

Dorman products are backed by a team of product experts and a century of automotive experience, ensuring trustworthy quality. For specific warranty information or technical support, please refer to the official Dorman website or contact Dorman customer service.

You can visit the official Dorman store for more information: [Dorman Store on Amazon](#).

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