Ford 7C3Z-16916-B

Ford 7C3Z-16916-B Hood Release Cable Assembly User Manual

Genuine Ford Replacement Part for F-250 and F-350 Super Duty

1. Introduction

This document provides essential information for the installation, operation, and maintenance of the Genuine Ford 7C3Z-16916-B Hood Release Cable Assembly. This component is a direct replacement part designed for specific Ford F-250 and F-350 Super Duty models. Proper installation and regular maintenance ensure the safe and reliable operation of your vehicle's hood release mechanism.

2. Safety Information

Always prioritize safety when working on your vehicle. Failure to follow safety precautions can result in injury or damage to the vehicle.

- Ensure the vehicle is parked on a level surface with the parking brake engaged.
- Turn off the engine and remove the key from the ignition before beginning any work.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- If you are unsure about any step, consult a qualified automotive technician or refer to your vehicle's official service manual.
- Keep hands and clothing clear of moving parts.

3. Setup and Installation

The Ford 7C3Z-16916-B Hood Release Cable Assembly is designed for direct replacement. Professional installation is recommended to ensure correct fitment and function. Refer to your vehicle's specific service manual for detailed, step-by-step instructions tailored to your model year.

3.1 General Installation Steps (Consult Vehicle Manual for Specifics)

1. **Access the Old Cable:** Locate the hood release lever inside the cabin and the latch mechanism under the hood.

You may need to remove interior trim panels to access the cable's attachment point at the lever.

2. **Disconnect Old Cable:** Carefully disconnect the old cable from both the interior release lever and the hood latch mechanism. Note the routing of the cable through the firewall and along the vehicle frame.
3. **Remove Old Cable:** Gently pull the old cable out, noting any clips or fasteners that secure it.
4. **Install New Cable:** Route the new 7C3Z-16916-B cable in the same path as the old one. Ensure it is not kinked or pinched.
5. **Connect New Cable:** Attach the new cable securely to the hood release lever and the hood latch mechanism. Ensure all connections are firm.
6. **Test Operation:** Before reassembling any trim, test the hood release multiple times to ensure it operates smoothly and reliably. Verify that the hood latches securely when closed.
7. **Reassemble:** Reinstall any removed trim panels or fasteners.

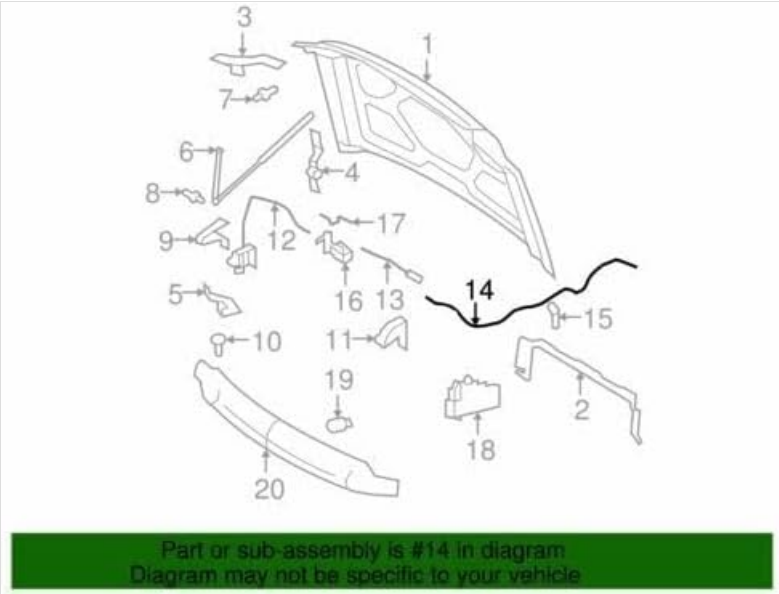


Figure 1: Exploded diagram illustrating the hood assembly and the general routing of the hood release cable (item #14). This diagram is for reference; consult your vehicle's specific service manual for exact details.

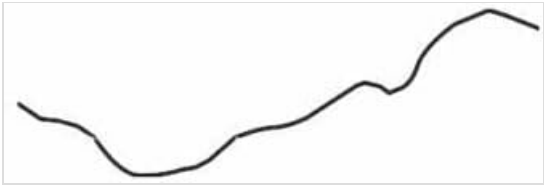


Figure 2: The Genuine Ford 7C3Z-16916-B Hood Release Cable Assembly. This image shows the full length of the cable with its end fittings.

4. Operating the Hood Release

To open the vehicle's hood:

1. Locate the hood release lever, typically found on the driver's side, below the dashboard.
2. Pull the lever firmly towards you. You should hear a click as the primary hood latch releases.
3. Go to the front of the vehicle. The hood will be slightly ajar.
4. Locate the secondary safety latch, usually under the front edge of the hood, near the center. Push or pull this latch to fully release the hood.
5. Lift the hood and secure it with the prop rod, if applicable.

To close the hood, lower it gently until it is about 12-18 inches from the closed position, then let it drop to engage both

latches. Ensure the hood is fully closed and secured before driving.

5. Maintenance

Regular inspection and minor maintenance can extend the life of your hood release cable assembly.

- **Inspection:** Periodically inspect the visible portions of the cable for signs of wear, fraying, kinks, or damage. Check the attachment points at the lever and latch for corrosion or looseness.
- **Lubrication:** Apply a small amount of multi-purpose grease or silicone spray to the hood latch mechanism and the pivot points of the release lever annually, or as needed, to ensure smooth operation. Avoid over-lubricating the cable itself unless specifically recommended by the vehicle manufacturer.
- **Cleaning:** Keep the hood latch area free of dirt and debris that could impede its function.

6. Troubleshooting

If you encounter issues with your hood release mechanism, consider the following common problems:

- **Hood Will Not Open:**
  - Check if the release lever feels loose or has no tension, indicating a disconnected or broken cable.
  - Inspect the hood latch for obstructions or excessive dirt/corrosion.
  - Try having someone pull the release lever while gently pushing down on the hood, then quickly releasing it, to help dislodge a stuck latch.
- **Hood Will Not Latch Securely:**
  - Ensure no objects are preventing the hood from closing fully.
  - Inspect the latch mechanism for damage or misalignment.
  - Check if the cable is properly seated and not holding the latch partially open.
- **Stiff Operation:**
  - Lubricate the hood latch mechanism and release lever pivot points.
  - Inspect the cable for kinks or damage that could increase friction.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified technician.

7. Specifications

Part Number	7C3Z-16916-B
Brand	Ford
Manufacturer	Ford
Fitment Type	Direct Replacement
Compatible Models	Ford F-250 Super Duty, F-350 Super Duty
Item Weight	9 pounds
Product Dimensions	12 x 12 x 12 inches (Packaging)

8. Warranty and Support

This Genuine Ford 7C3Z-16916-B Hood Release Cable Assembly comes with a**1-Year Warranty** from the manufacturer, covering defects in materials and workmanship under normal use.
For technical support, warranty claims, or further assistance, please contact your authorized Ford parts dealer or the point of purchase. When contacting support, please have your vehicle's VIN and the part number (7C3Z-16916-B) available.

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.

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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.

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