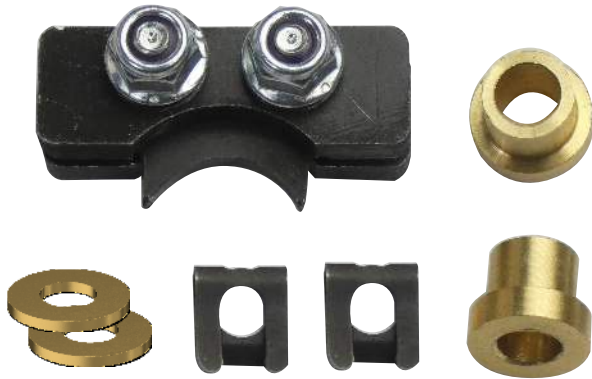




JEEP® POWERTRAIN SUPERIORITY

JK Cable Shifter Upgrade



Installation and User Manual

Introduction

The Jeep JK cable shifter works well from the factory. But with time, use and corrosion, the stock cable bushings and retention clips deteriorate and eventually fail. This kit replaces the most common failure points of the transfer case cable shifter.

Parts included

Qty: 1 Cable retention clamp
 Qty: 2 Brass bushings
 Qty: 2 Brass Washers
 Qty: 4 Cable end retention clips (2 extra in case you lose them in the installation process.)

Tools needed

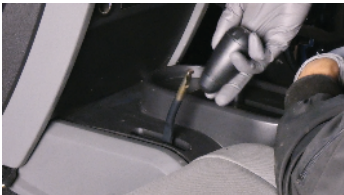
- 3/8" Open ended wrench (stubby if available)
- Pry tool (flat head screwdriver)
- 2007-11 JK will need T30 screwdriver.

Install time: Approximately 30 min

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Installation

1. With two hands, grab the transfer case shift knob and pull up with a slight twist to remove the knob from the cane. Pull very hard, it's really stuck on there.



2. Remove the center console. For 2007-11 JK, remove the 4 side screws holding the center console down. For 2012+, simply pull up, as the console snaps free.
 3. Pry the cable end free of the shift lever. Push the rubber bushing out.



4. Insert the new brass bushing with the flange against the shift lever. Slide the cable end onto the bushing, then install the brass washer and black retaining clip. Reinstall the center console.

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5. Find the other end of the cable above the front drive line. Pry the end free of the shift tab and release the cable from the bracket.

6. Remove the rubber bushing and plastic retaining clip.



7. Reinstall the cable with the new clamp, tightening the two nuts with a 3/8" open ended wrench until secure.

8. Install the second brass bushing, cable end, washer and clip



If you are experiencing difficulties & need help further troubleshooting, you may call our Technical/Sales staff at (877) 602-1500 9am-5pm MST, Monday-Friday

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Proper Shifting Procedure

2H ↔ 4H

Shifting between 2H and 4H can be made with the vehicle stopped or in motion. With the vehicle in motion, the transfer case will engage/disengage faster if you momentarily release the accelerator pedal after completing the shift. Apply a constant force when shifting the transfer case lever.

4H ↔ 4L

With the vehicle rolling at 2 to 3 mph (3 to 5 km/h), shift an automatic transmission into NEUTRAL (N), or press the clutch pedal on a manual transmission. While the vehicle is coasting at 2 to 3 mph (3 to 5 km/h), shift the transfer case lever firmly to the desired position. Do not pause with the transfer case in N (Neutral). Once the shift is completed, place the automatic transmission into DRIVE or release the clutch pedal on a manual transmission.

Shift Positions explained

For additional information on the appropriate use of each 4WD system mode position, see the information below:

2H Position

This range is used for normal street and highway driving on hard-surfaced roads.

4H Position

This range locks the front and rear driveshafts together, forcing the front and rear wheels to rotate at the same speed. This range (4H) provides additional traction for loose, slippery road surfaces and should not be used on dry pavement. The "4WD Indicator Light" (located in the instrument cluster) will illuminate when the transfer case is shifted into the 4H position.

N (Neutral) Position

This range disengages the front and rear driveshafts from the powertrain. It is to be used for flat towing behind another vehicle. Refer to "Recreational Towing" in "Starting And Operating" for further information.

4L Position

This range locks the front and rear driveshafts together, forcing the front and rear wheels to rotate at the same speed. This range (4L) provides additional traction and maximum pulling power for loose, slippery road surfaces only. Do not exceed 25 mph (40 km/h).

CAUTION! Exceeding 25 mph (40 km/h) while the transfer case is engaged in 4L may result in an engine overspeed condition and engine damage. The "4WD Indicator Light" (located in the instrument cluster) will illuminate when the transfer case is shifted into the 4L position.

NOTE: When in 4L, the "ESC Off Indicator Light" will display in the instrument cluster.