



Phone (209) 400-7200 Fax (209) 943-7923 www.wildhorses4x4.com

## New J-Shift Replacement #8564 Date 07/20/04 rev. 0

### Parts

- 1 ea. T-case shifter assembly
- 1 ea. T-case boot
- 1 ea. Shifter knob

### Hardware

- 1 ea. 3/8"x1" bolt
- 1 ea. 3/8" lock washer
- 1 ea. 7/16"x3" bolt
- 1 ea. 7/16" nut
- 1 ea/ 7/16" lock washer

**Note: Use Anti-Seize (Permatex p/n 133k) or similar on all installation bolts and especially the shifter pin bolt. The shifter is assembled with the mounting block. The mounting block will need to be removed and the shifter pin lubed upon installation.**

1. Move the Bronco to a level area and block wheels and disconnect the battery for safety.
2. Remove the old shifter knob and boot.  
With a little work you can remove the old j-shifter without cutting the tunnel. Some people opt to cut a larger hole in the tunnel to make the install easier. If you do so a sheet metal cover piece will need to be fabricated. Each opening will be unique and require a custom fitted cover due to body lift amount etc.
3. Install the shifter assembly with the beveled edge of the mounting block facing down. Be sure the shift lever goes into the slot in the shift rails of the t-case.
4. Start by placing the 3/8"x1" bolt and lock washer through the mounting block and into the threaded hole in the transmission adapter. Leave it loose for now.
5. Install the 7/16"x3" bolt through the right side of the transmission adapter and through the front hole of the mounting block. Tighten it down with the nut and lock washer.
6. Now tighten the 3/8" bolt.
7. Shift the t-case through the range of gears and cut tunnel as necessary to allow shifting into all the gears. The more the body lift the more will need to be cut. Allow a minimum 1/4" additional clearance for body flex off-road.
8. Install the boot and recheck shifting the t-case through the range of gears.
9. Install jam nut, shift knob and shift pattern indicator.