

#124305

Installation Instructions

Transfer Case Drop Kit

03-06 Jeep Wrangler TJ



READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO INSTALLATION OF SYSTEM AND OPERATION OF VEHICLE.

SAFETY WARNING

BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

PRODUCT SAFETY WARNING

Certain BDS Suspension products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. BDS Suspension Co. does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

PRE-INSTALLATION NOTES

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.

4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of BDS Suspension components. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, BDS Suspension Co. recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

POST-INSTALLATION WARNINGS

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Perform head light check and adjustment.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

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PARTS LIST

Part #	Description	Qty
YJTC3-1	TJ Transfer Case Spacer	6
716	TJ Transfer Case Drop Bolt Pack	1
704	Bolt Pack TJ Trans Linkage	1
01420	TJ T-Case Shifter Adapter	1

BOLT PACK 716

Qty	Description
6	12mm - 1.75x70mm bolt grade 10.9 clear zinc
6	12mm flat washer thru-hardened clear zinc

BOLT PACK 704

Qty	Description
2	1/4" - 20 prevailing torque nut clear zinc
2	1/4" - SAE flat washer clear zinc

INSTALLATION INSTRUCTIONS

TRANSFER CASE DROP KIT

1. Support the transfer case skid pan with floor jack.

Note: Automatic Transmissions Only—Remove the forward transmission skid plate. Remove the two frame mount bolts (one per side) and three center skid plate bolts. Remove skid plate from vehicle. As a result of the increased suspension travel obtained by the addition of a suspension system, the forward transmission skid plate cannot be reinstalled. Installation of this skid plate will result in contact between the front driveshaft and skid plate crossmember throughout normal suspension travel, possibly damaging the driveshaft.

2. Remove the four bolts on the passenger side holding the crossmember to the frame. Install the spacers between the crossmember and the frame.
3. Attach the crossmember using the 12mm x 70mm bolts and washers supplied. Snug up bolts.
4. Repeat the above steps on driver side.
5. Torque all eight bolts to 70 ft.lbs.
6. Remove the two bolts mounting the shifter linkage pivot bushing from the pivot bracket on the underside of the driver's side floorboard.
7. Remove the pivot bracket from the floorboard. Pull up the floor covering (carpet, rubber mat, etc.) in front of the driver's seat to access the four bracket bolts. Remove the bolts. Remove the pivot bracket and bushing from the vehicle.
8. Mount the pivot bushing relocation bracket to the OE bracket as shown in Fig. 1.
9. Mount the pivot bushing to the relocation bracket as shown in the figure and secure using the nuts in pack #704. Torque all mounting hardware to 15 ft.lbs.
10. Install modified bracket assembly in original location under the floorboard by sliding the linkage rod through the pivot bushing. Fasten the bracket to the floorboard using the OE hardware. Torque hardware to 25 ft.lbs.
12. Check shifter operation and adjust linkage as necessary.

