

#9902

Installation Instructions

Manual Shift Extension

1983-2000 Ranger

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. Secure and properly block vehicle prior to installation of BDS Suspension components. Always wear safety glasses when using power tools.
5. BDS Suspension Co. body lifts are designed to be used on vehicles in good operating condition. It is not recommended that body lifts be used on vehicles in poor physical shape. This includes rusted body mounts, damaged or worn frame-to-body mounting brackets, and poor mechanical condition. Perform a visual inspection of the vehicle before 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 100 miles. Always inspect fasteners and components during routine servicing.

GLOSSARY OF TERMS

DRV: Driver's Side of the Vehicle

PASS: Passenger's Side of the Vehicle

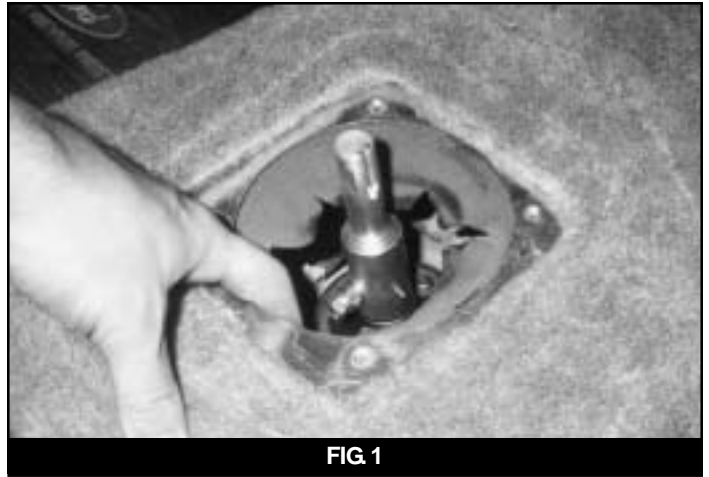
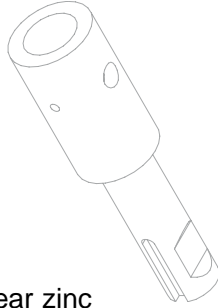
OE: Original Equipment

PARTS LIST

Part#	Qty.	Description
3700	1	Shift Extension

Bolt Pack

Qty	Description
1	1/8" x 1/2" roll pin
1	5/16"-18 x 1" bolt grade 5 clear zinc
1	5/16"-18 prevailing torque nut clear zinc



INSTALLATION INSTRUCTIONS

This kit is to be used in conjunction with BDS Suspension Company body lift kits.

1. Remove the screws that mount the shift console to the floorboard. Pull the boot up to reveal the nut and wedge stud that attaches the shift lever to the transmission.
2. Remove the nut from the right side of the wedge stud and place it on the left side. Tighten the nut to remove the wedge from the lever. Slide the lever off the transmission.
3. Install the shift extension on the transmission (Fig. 1) and align the small hole with the slot in the transmission lever. Install the 1/8" x 1/2" roll pin through the hole and into the slot.
4. Install the 5/16" nut on the 5/16" x 1" bolt and thread the nut up to the head of the bolt. Install the bolt in the threaded hole in the extension and tighten it against the flat section on the transmission lever. Tighten the nut against the extension.
5. Install the shift lever to the extension and secure with the stock wedge stud and nut. Install the wedge stud in the left side of the lever and through the notch in the extension. Install and tighten nut on right side of the stud.