



## #F9802 Installation Instructions 1998-2000 Ford Ranger Manual Shift Extension

### Read and understand all instructions and warnings prior to installation of product and operation of vehicle.

Zone Offroad Products 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. Minimum tool requirements include the following: Assorted metric and standard wrenches, hammer, hydraulic floor jack and a set of jack stands. See the "Special Tools Required" section for additional tools needed to complete this installation properly and safely.

#### » PRODUCT SAFETY WARNING

Certain Zone 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. Zone Offroad Products 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.

#### » TECHNICAL SUPPORT

*Live Chat* provides instant communication with Zone tech support. Anyone can access live chat through a link on [www.zoneoffroad.com](http://www.zoneoffroad.com).

[www.zoneoffroad.com](http://www.zoneoffroad.com) may have additional information about this product including the latest instructions, videos, photos, etc.

Send an e-mail to [tech@zoneoffroad.com](mailto:tech@zoneoffroad.com) detailing your issue for a quick response.

**888.998.ZONE** Call to speak directly with Zone tech support.

#### Difficulty Level

easy (1) 2 3 4 5 difficult

Estimated installation: 30 mins

#### Special Tools Required

None

#### » 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 Zone Offroad Products. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, Zone Offroad Products 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.

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## Kit Contents

Qty	Part
1	Shift Extension
1	Bolt Pack

## INSTALLATION INSTRUCTIONS

This kit is to be used in conjunction with Zone Offroad Products body lift kit #F9378.

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 **Figure. 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.



Figure 1

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 (approximately 15-20 ft-lbs). 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.
6. Reinstall console and verify shift lever operation.