OFFROAD PRODUCTS

#J5012, J5016, J5017, J5018, J5019
Installation Instructions
Differential Guard

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.

Difficulty Level

easy (1) 2 3 4 5 difficult

Estimated installation: 0.5-1 hours

Special Tools Required

3/16" Allen Wrench/Socket
(#J5017 requires 7/32")

» Technical Support

Live Chat provides instant communication with Zone tech support. Anyone can access live chat through a link on www.zoneoffroad.com .

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*** detailing your issue for a quick response.

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

» 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.

Kit Contents

Qty	Part
1	Differential Guard
5	Button Head Bolt

Pre-Installation Note

On older / higher mileage vehicles the differential cover seal / sealant may need replaced to prevent leaks. During the installation of the differential guard it would be a good time to change the differential fluid and install new sealant.

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Position the differential guard up to the differential cover to locate the five cover bolts to be removed. Figure 1

Figure 1

Step 3 Note

A small amount of fluid may drip out after the cover bolts are removed.

3. Remove the five corresponding cover bolts.
4. Place the differential guard up to the differential and align the holes. Fasten the guard with the provided 5/16” x 7/8” button head bolts (Dana 60 - 3/8” x 7/8”).
5. With all of the bolts installed, torque to 17 ft-lbs (Dana 60 - 30 ft-lbs).
6. If any fluid leaked during the installation, check the differential fluid level and fill as necessary.
7. Check hardware after 500 miles and after any off road use.

Step 4 Note

The 5/16" button head bolts require a 3/16" allen wrench. The 3/8" button head bolts require a 7/32" allen wrench.