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LAND ROVER PARTS

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Fitting Instructions for Rear Differential Guard

Part Nr. RNA0101

Fits:

All rear Rover Type differentials
Series III

Defender 90 ONLY 1985-2001

Range Rover Classic 1971-1995

Discovery I-II 1993-2004

READ ALL INSTRUCTIONS COMPLETELY BEFORE BEGINNING!

Suggested Tools:

- 14mm or 9/16" Wrench or Deep Socket & Ratchet Wrench
- 2 x 13mm or 1/2" Wrench or Wrench/Socket & Ratchet Wrench Combination
- 8mm Allen Wrench/Hex Key
- Torque Wrench



RNA0101

Kit contents includes

- Front galvanised differential guard
- Galvanised upper bracket
- 2-10mm x 1.25 socket head cap screws (SHCS) and washers
- 2-8mm x 1.25 hex head bolts, washers, nyloc nuts



Various Sockets, Extension, Wrenches

8mm Allen Hex Drive



Safety Glasses

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Directions:

Please use jack stands, safety glasses, etc. while working on any vehicle for personal protection. Vehicle directions are referenced as if you were sitting in the car facing forward. The vehicle used to develop the directions was a 1995 Range Rover Classic.

Note: Although installing the differential guard can be performed by one person without raising/jacking-up your Land Rover, you may find it easier to raise the vehicle and have someone give you a hand.



Fig.1

Step 1. Using a 14mm wrench remove the top three differential housing nuts. You will need a 13mm wrench if your differential uses bolts instead of studs and nuts. See fig.1

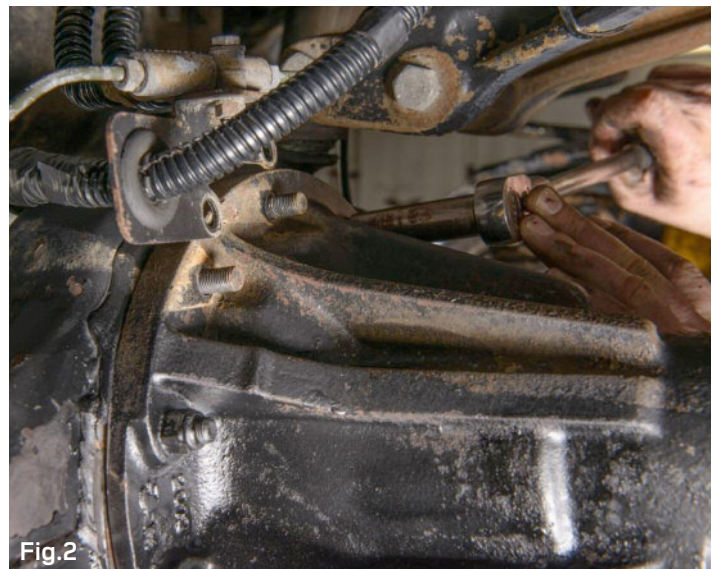


Fig.2

Step 2. Remove the brake line bracket from its studs or simply move it up and out of the way if your differential is held on with bolts. fig. 2.

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Step 3. Install the upper bracket over the top center and left differential studs. Slide the brake bracket over the center and right differential studs. Loosely install the nuts back on the studs so both brackets can “wiggle”. If your differential is equipped with bolts instead of studs and nuts the procedure is the same as for the studs and nuts. The upper bracket goes on behind the brake bracket and both brackets share the middle bolt. Install only the first few threads of all three bolts so both brackets can “wiggle”. fig. 3.



Step 4. On the bottom of your differential housing you will see two threaded holes. Loosely install the diff guard to those holes using the two supplied 10mm x 1.25 SHCS and washers. Just like the upper bracket, the diff guard should “wiggle”. fig. 4.



Note: Make sure all lines, wires, etc. are routed on the outside of the upper bracket and diff guard. There should be nothing between the upper bracket or diff guard and the differential. fig. 5.

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Fig.6

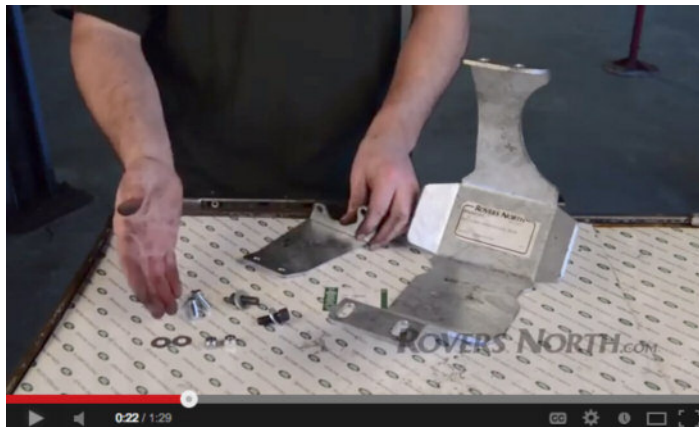
Step 5. With the diff guard and upper bracket loosely installed, loosely install the 8mm x 1.25 bolts, washers and lock nuts (connecting hardware) through the upper bracket and diff guard. The bolts shall be installed from the top with lock nuts and washers installed from the bottom. fig. 6.

Step 6. Torque the differential housing nuts holding the upper bracket to 41 Nm (30 lbf.ft). If you have bolts holding your upper bracket instead of studs and nuts, tighten the bolts to 55 Nm (41 lbf.ft).

Step 7. Using an 8mm hex key, tighten the two 10mm x 1.25 SHCS holding the bottom of the diff guard and harmonic dampener (or provided spacer).

Step 8. Tighten the 8mm x 1.25 connecting hardware holding the diff guard to the upper bracket.

Step 9. Your installation is complete!



Watch the **YouTube**
Rovers North
installation video on
your mobile device.

<http://youtu.be/2al2mP7CXj0>