



Steering Rack Spacer Bump Steer Kit - Installation Instructions

Part #2110905

Cars applicable:

'65 – '89 911/912/930/914

Parts list:

Qty	Description
2	Rack spacers
2	M10x55 Hex head cap screw
2	M10x45 Hex head cap screw
2	M10x35 Hex head cap screw

Required but not included:

- 17mm socket wrench
- 13mm box end wrench
- Blue threadlocker

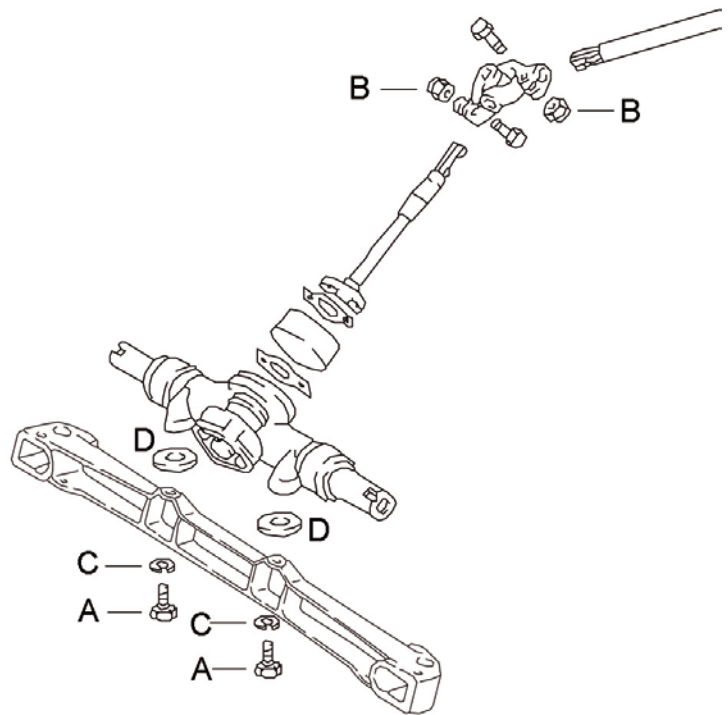
Introduction –

Elephant Racing steering rack spacer kit helps to compensate for bump steer. The kit raises the steering rack 10mm, thus changing the angle of the tie rods and improving the bump steer behavior.

Extra bolts may be provided with your kit to make it universal fit, you will only use two.



Kit contents



Diagram



Step-by-Step Installations –

Refer to the diagram on page 1

1 – Use a 13mm box end wrench to loosen the steering shaft pinch bolt nuts (B). This will allow it to shorten to accommodate the raised steering rack. You will find the coupling on top of the steering rack.

2 – Remove the front suspension cover plate.

3 – Using a 17mm socket wrench, remove one of the two bolts (A) securing the steering rack to the crossmember. Loosen the second bolt (A) but do not remove it, leave it just barely threaded to keep the steering rack aligned.

4 – Pry up the steering rack and slide one of the provided spacers (D) between the steering rack and crossmember, centering on the open bolt hole.

5 - Choose the correct bolts (provided with this kit) to replace the stock steering rack bolts (A). This kit may include extra bolts to fit a range of years, you will use only two of the bolts provided. Note the length of the removed bolt, from the provided bolts choose and use two that are 10mm (about 3/8 inch) longer than the stock removed bolts.

6 - Apply a bit of blue threadlocker and loosely install one of the provided bolts chosen in step 5 through the crossmember, spacer (D), and into the steering rack, using the same washers (C) originally equipped.

7 - Fully remove the remaining stock steering rack bolt (A), slip in the remaining spacer (D) and, install the remaining provided bolt chosen using blue threadlocker and the original washers.

8 - Torque the steering rack bolts (A) to 35 ft lbs.

9 - Replace the front suspension cover plate.

10 – Rotate the steering wheel back and forth a few times to settle the steering shaft. Torque the steering shaft pinch nuts (B) to 15 ft lbs.