



DINAN

**ROLL CONTROL KIT
INSTALLATION INSTRUCTIONS**

PART NUMBER: D133-0495

APPLICATION: 2006 M5
2006 M6

PARTS LIST

Qty	Part #	Description
2	D132-0001	Rate Change Plate
1	D671-0068	10mm drill bit
1	M10 HEX	10mm plain nut
4	M10 NYLOK	10mm nylock nut
4	M10X30	10mm bolt

Congratulations for being selective enough to use a Dinan Engineering Roll Control Kit. We have spent many hours developing this kit to assure that you will receive maximum performance and durability with minimum difficulty in installation. Please take the time to read these instructions and call us if you have any difficulties during the installation.

NOTES:

- a) We highly recommend that you first read and fully understand these instructions before beginning the installation.
 - b) Do not work on vehicles supported by a jack only. Use secure jack stands!
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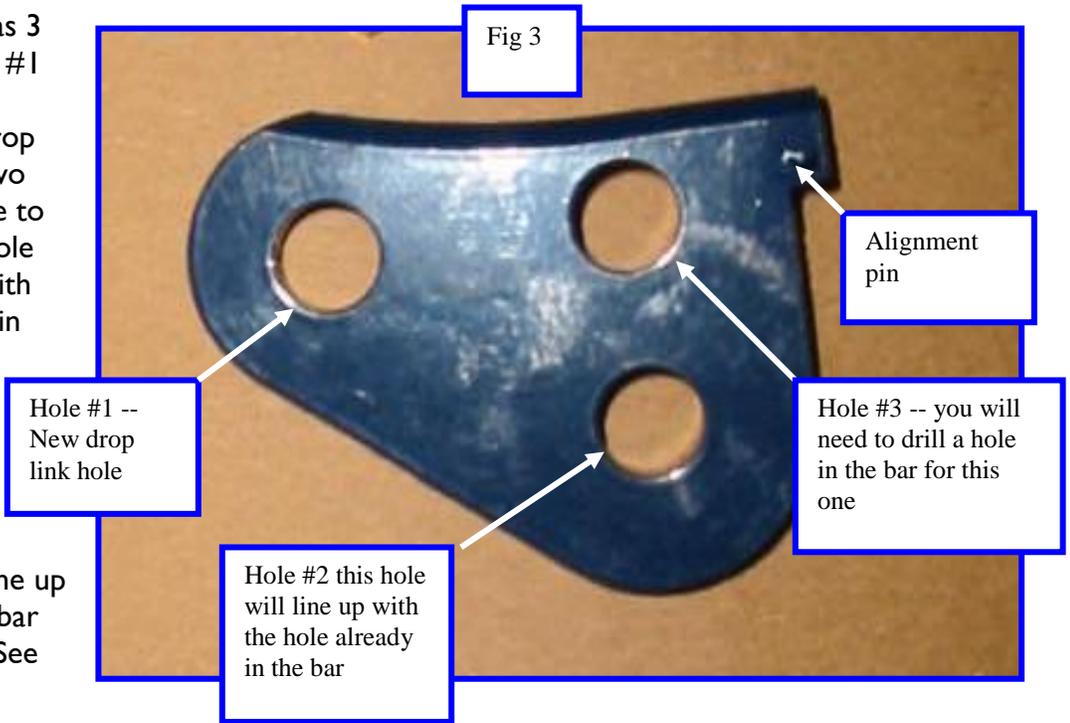
1. You should have (4) 10mm bolts, (4) 10mm lock nuts, and (2) blue sway bar rate change plates. Also not shown in photo: (1) 10mm plain nut you will use for set-up, and (1) 10mm drill bit. (See Figure 1)



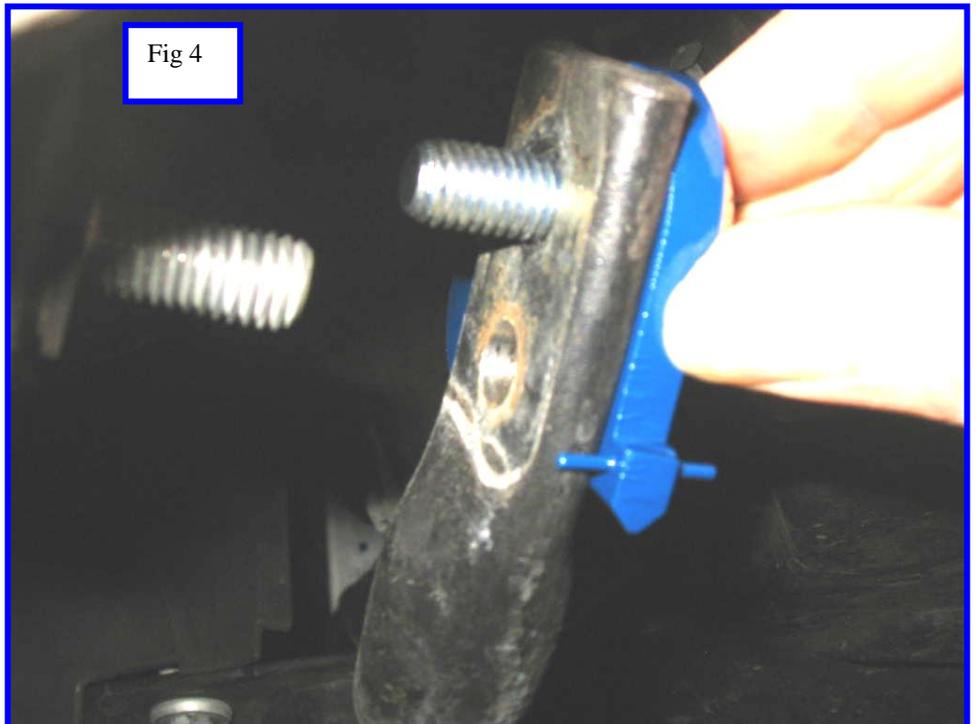
2. With the car on a lift, unbolt both front sway bar drop links at the bar. You can leave them attached to the struts. (See Figure 2)



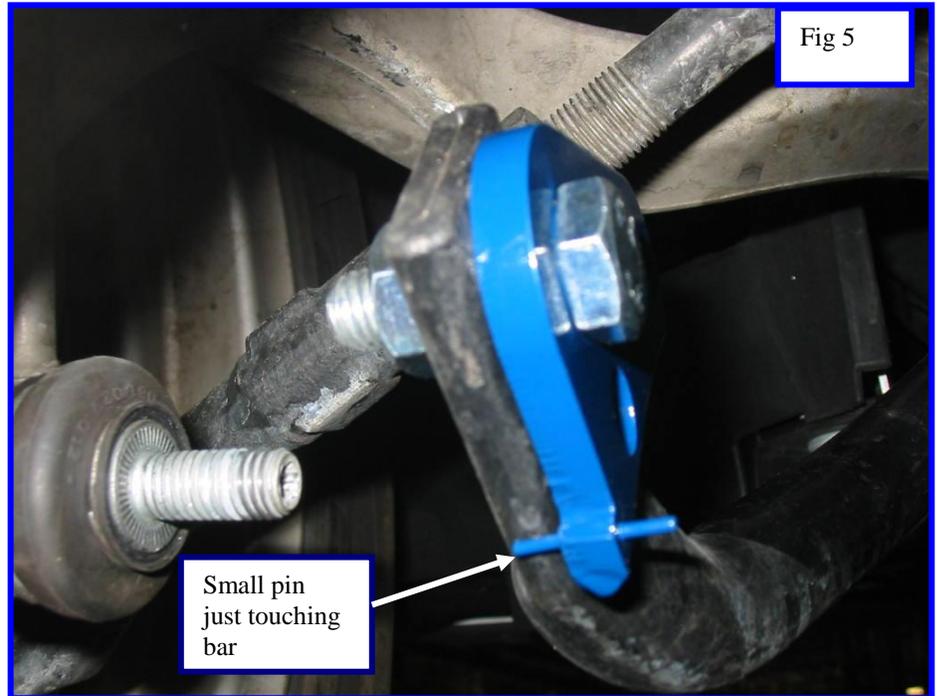
3. The blue plate has 3 holes in it. Hole #1 will be the new mount for the drop link; the other two will bolt the plate to the sway bar. Hole #2 will line up with the hole already in the bar. For Hole #3 you will need to drill a hole in the sway bar. The small pin will be used to line up the plate on the bar during drilling. (See Figure 3)



4. Prepare to drill the hole in the bar. Slide one of the 10mm bolts through hole #2 in the top of the blue plate. Standing under the car, slide the bolt through the hole in the sway bar. (See Figure 4)



5. Next use the 10mm plain nut to fasten the plate to the bar. As you tighten the bolt, rock the plate over until the small pin just hits the side of the bar. This will line up Hole #3 so you can drill the bar for it. (See Figure 5)



6. Once you have the bolt tight and it resembles these photos, take the 10mm drill bit supplied in the kit and drill just enough through hole #3 to get a good center mark on the bar. Next use a smaller bit (approx. 3/16") to drill a pilot hole in that spot. Step up one more time (approx. a 5/16" bit) before you finish with the 10mm bit. **If you try to drill thru the bar in**



one step with the 10mm bit, you will burn up the bit. Make sure the plate does not move during drilling. (See Figure 6)

7. After you drill the 10mm hole in both sides of the bar, remove the plate. The bar should resemble Figure 7.



Fig 7

8. Now bolt the plate back on the **OUTSIDE** of the sway bar using the supplied bolts and lock nuts. This is opposite of how you had it on to drill the holes. The bolts are a close together so you may need to use hand wrenches to fully tighten them. These bolts must be securely attached to prevent loosening and poor handling.



Fig 8

9. Bolt the drop link in hole #1 and torque to factory specs. Repeat for other side. (See Figure #8)

Thank you for using a Dinan Roll Control Kit!