



ADJUSTABLE ANTI-ROLL BAR INSTALLATION INSTRUCTIONS

PART NUMBER D120-0540

DESCRIPTION: Front 28mm; 2-hole adjustable

APPLICATION: 2012-16 M5 (F10)
2012-16 M6 (F12, F13)
2013-16 M6 GC (F06)

PARTS LIST

Qty	Part #	Description
1	D122-0540	Anti-roll bar
1	D133-0540C	Hardware kit

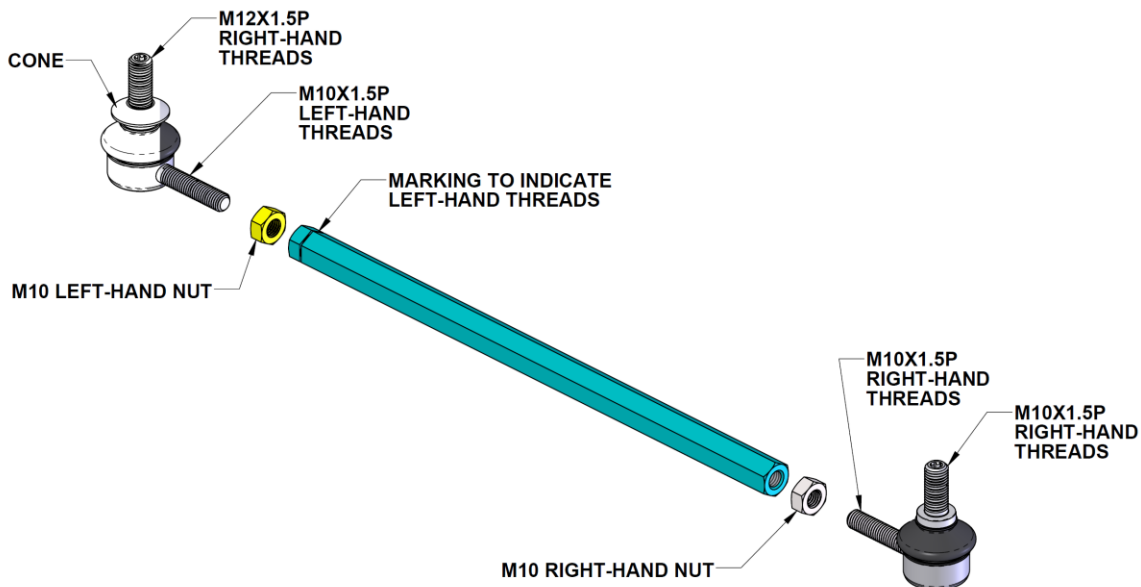
Congratulations for being selective enough to use a Dinan anti-roll bar. We have spent many hours developing this anti-roll bar to assure that you will receive maximum performance and durability with minimum difficulty in installation. Please take the time to read these instructions and call us if you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

NOTES:

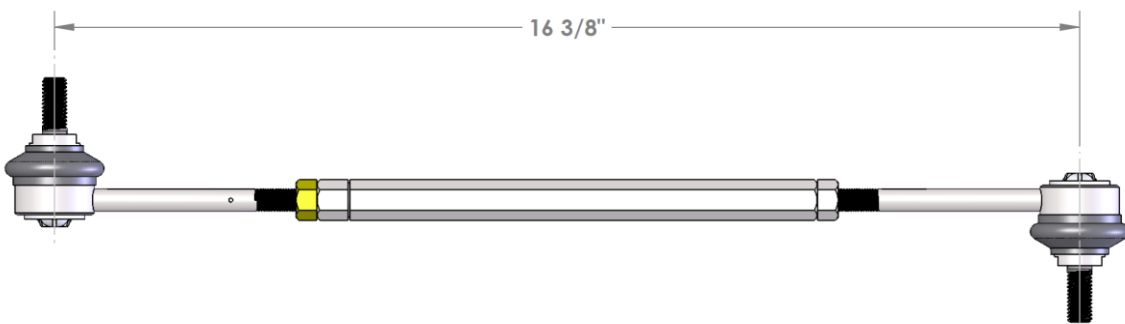
- a) We highly recommend that you first read and fully understand these instructions before beginning the installation.
 - b) Some mechanical skill is required to install this kit. If you feel that you do not have the requisite skill or tools, please arrange for a qualified repair facility to perform the installation.
 - c) Do not work on vehicles supported by a jack only. Use secure jack stands!
-

1. Jack up the front of the vehicle and place jack stands securely under the vehicle.
2. Note the orientation of the stock anti-roll bar. The Dinan bar will be oriented the same way.
3. Remove the stock anti-roll bar, bushings, brackets, and end links per BMW recommended procedure.

4. Install Dinan anti-roll bar using the supplied bushings and brackets. Lubricate the bushings with the supplied urethane grease (or an equivalent high-pressure, waterproof, grease).
5. If desired, the included fittings may be screwed into the bushing clamps to allow easier grease applications in the future.
6. Center the anti-roll bar between the clamps. Install the supplied collars on the center section of the bar, just inboard of the urethane bushings. Leave a small gap (no more than 1/16") between the collars and bushings. These collars will prevent the bar from shifting side-to-side excessively.
7. Assemble the DI33-0029 endlinks as shown:

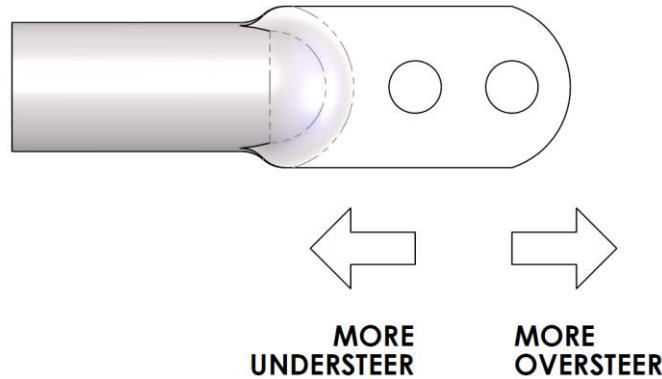


8. Adjust both links to measure 16-3/8" center-to-center, as shown below. For easy adjustment, the Dinan end links are left/right hand threaded. Failure to follow this step can result in loss of control, vehicle damage, and injury!



9. Attach Dinan end links to the strut using the supplied washers and locknuts. Note that the ball joint with the 12mm threads and tapered seat attaches to the strut. Leave the other end with the 10mm threads dangling for now.

10. See figure below for description of adjustments, and determine which holes you will be using. It is OK to attach to different holes on each side, to “split” the adjustment. Dinan recommends starting at the middle setting (one arm at the inside hole, and the other arm at the outside hole), and then adjusting as needed after evaluating the handling.



11. With the car in the air and the suspension in full droop, turn steering to straight ahead and hold it in that position.
12. Loosen the jam nuts on the end links. Attach the links to the anti-roll bar at the holes you've chosen, using the supplied locknuts.
13. Rotate the ball joints so that the studs are centered (to allow for maximum movement without binding), and tighten the jam nuts. This must be done while the steering is pointed straight ahead, to prevent binding during steering!
14. Check your work! Turn steering lock to lock in both directions to verify there is no binding in the end links. Please contact Dinan technical support if there are any questions!
15. These checks must be performed each time the anti-roll bar is adjusted.
16. Reassemble the car per BMW recommended procedure.
17. Remove “preload” from the anti-roll bar as follows:
- Set car on the ground (or alignment rack) with the steering pointed straight ahead.
 - Disconnect one end link from the anti-roll bar.
 - Loosen jam nuts and adjust the end link length as required to align the stud with your chosen hole.
 - Reattach end link to the anti-roll bar and tighten the jam nuts.

We hope you enjoy your new Dinan anti-roll bar!

PARTS LIST

Qty	Part #	Description
1	D122-0540	Anti-roll bar
1	D133-0540C	Hardware kit
	Contains:	
4	33 30 6 760 587	Hex Nut w/ Flange
1	D131-0001	Urethane Packet
2	D131-0009	1-1/8" Bushing
2	D131-0012	Zerk Fitting
2	D132-0016	Bushing Bracket
2	D133-0029	ADJ Endlink Assembly
1	D131-0027	Endlink Assembly
1	D131-0029	Endlink Assembly



DINAN

**ANTI-ROLL BAR
INSTALLATION INSTRUCTIONS**

PART NUMBER D120-0550

DESCRIPTION: Rear 22mm; 3-hole adjustable

APPLICATION: 2012-14 M5 (F10)

2012-14 M6 (F12, F13)

2013-14 M6 GC (F06)

PARTS LIST

Qty	Part #	Description
1	D122-0550	Anti-roll bar
1	D133-0550	Hardware Kit

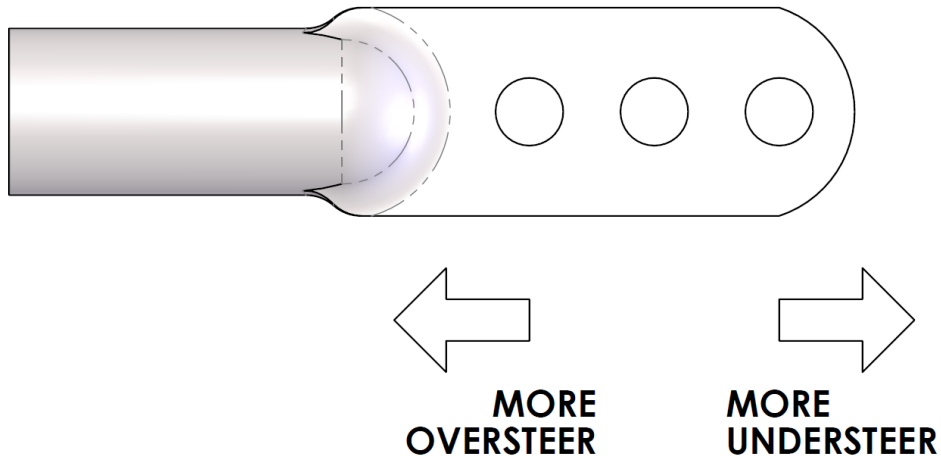
Congratulations for being selective enough to use a Dinan Engineering anti-roll bar. We have spent many hours developing this anti-roll bar to assure that you will receive maximum performance and durability with minimum difficulty in installation. Please take the time to read these instructions and call 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) Some mechanical skill is required to install this kit. If you feel that you do not have the requisite skill or tools, please arrange for a qualified repair facility to perform the installation.
 - c) Do not work on vehicles supported by a jack only. Use secure jack stands!
-

1. Jack up the rear of the vehicle and place jack stands securely under the vehicle.
2. Note the orientation of the stock anti-roll bar. The Dinan bar will be oriented the same way.

3. Disconnect the anti-roll bar from their endlinks.
4. Unbolt the bushing clamps and remove stock anti-roll bar from car.
5. The Dinan Engineering anti-roll bar fits like the original. Carefully maneuver the anti-roll bar into place.
6. Attach anti-roll bar to vehicle using the Dinan bushing clamps and urethane bushings. Lubricate the bushings with the included urethane grease (or an equivalent high-pressure, waterproof, grease). The anti-roll bar should be centered between the clamps!
7. If desired, the included fittings may be screwed into the bushing clamps to allow easier grease applications in the future.
8. See figure below for description of adjustments, and determine which holes you will be using. Dinan recommends starting at the middle hole on both sides, and then adjusting as needed after evaluating the handling



9. Attach endlinks to the Dinan anti-roll bar.

We hope you enjoy your new Dinan Engineering anti-roll bar!