



STRUT TOWER BRACE INSTALLATION INSTRUCTIONS

PART NUMBER **D180-0362**

APPLICATION: 1992-95 325i, is, iC (E36 only)
1995-99 M3 (E36 only)
1996-99 323i, 328i, (E36 only)
1997-00 Z3 (2.3, 2.8)
1998-00 M Roadster, M Coupe

PARTS LIST

<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	D183-1050	Driver-side right endplate
1	D183-1070	Passenger-side left endplate
1	D183-2360	Brace center section
1	D183-1023	Hardware kit

Congratulations for being selective enough to use a Dinan Engineering Stress Brace. We have spent many hours developing this brace 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.

1. Remove the three flange nuts on top of each strut tower.
2. Install endplates onto strut towers following "Parts List" above.
For 323i, 325i, 328i, and M3 only: Take care to route the cruise control cable under the mounting "ears" of the driver's-side endplate (see figure). If there is not enough slack in the cruise control cable, cut the zip-tie which secures the cable to the firewall, route the cable per the figure, and reattach cable to firewall using the supplied zip-ties.
3. Loosely attach endplates to strut towers using the flange nuts. The endplates should be free to move slightly. Do not tighten nuts at this time. Nuts should be tightened to 18 ft-lbs.
4. Screw narrow jam nuts onto rod-ends. Then screw both rod-ends into the brace.

5. The brace center section should be installed so that the logo is readable from the front of the car. Carefully position the brace so that the rod-ends fall between the ears on the endplates. Adjust the rod ends inwards or outwards so that the holes in the rod-ends line up with the holes in the ears. Adjust the rod ends evenly so that the amount of exposed thread is equal on both sides. Do not tighten jam nuts at this time.
6. Attach the brace to the ears with the supplied stainless-steel hardware. The washers sit under the head of the bolt. The flanged nuts go on the back (see figure). Do not tighten at this time.
7. Secure endplates to strut towers. Nuts should be tightened to 18 ft-lbs.
8. Make sure the logo surface is parallel with either the motor or the ground. If the center section is rotated outside of this window, damage may occur. Tighten both jam nuts against brace to hold the adjustment.
9. Tighten the hardware on the ears. To maintain the finish on the ears, hold flanged nuts with wrench while tightening the Allen-head bolts.

NOTE: On M vehicles, the stock dust cover will no longer fit. Alternate covers may be used in its place: BMW #31 33 I 129 512 (for 1995 M3) or #31 33 I 133 729 (for 1996 and newer M3, M Roadster, and M Coupe)

PARTS LIST

<u>Qty</u>	<u>Part#</u>	<u>Description</u>
1	D183-1050	LH End Plate
1	D183-1070	RH End Plate
1	D183-2360	Center Section
2	D502151	11" Tie Strap, Black
1	D183-1023	Hardware Kit; includes:
		2 3/8-16 FLANGE Nut
		2 3/8-16 HEX Nut
		2 3/8-16 JAM Nut
		6 31 33 1 092 887 Locking Nut
		2 D131-0265 3/8-16x2-1/4 Rod End
		2 D671-0603 3/8-16x1-1/2 Allen (SS)
		2 M10 FLAT Washer

