

M7 R56 Strut Tower Brace (STB) Installation Guide



THIS PRODUCT **DOES NOT FIT** ON THE BASE MODEL COOPER
(NON 'S')

Tools (not included):

- 13 mm Socket
- 15 mm Socket or wrench
- Socket Wrench
- Torque Wrench
- (Optional) Wood 2"x4"
- (Optional) Hammer

Estimated Time (Actual time may vary):
15 – 30 minutes

Package Contents checklist:

- 2 Mounting Plates (Strut Re-Inforcement Plates, only if complete brace is ordered)
- 2 Mounting Brackets,
Passenger/ Driver (based on intake installed)
- 1 Cross Bar
- 4 Short Screws
- 4 Washers
- 2 Long Screws
- 2 Nuts
- 1 Allen Wrench

- 1) Take a look at the top of each strut tower. If you notice any mushrooming, continue with step 1a. If your strut towers are flat, move to step 2.
 - a) Jack up the front end of your car to relieve pressure on the strut towers. Place a wood 2"x4" over the mushroomed portion of the strut tower and hammer on the wood until the strut tower becomes flat again. When the strut towers have flattened out, bring the car back onto the ground and move on to step 2.
- 2) Using the 13mm socket, remove the 6 nuts at the top of the strut towers (3 on each side). Place the base plates (SRPs) for the brace over the strut towers and begin to screw down all 6 nuts. Torque these down to **25 lb-ft each** (hand tight).

Please note: There is a small plastic locator stud on both strut towers. If the stud prevents the plate from being installed correctly, the stud may be cut with a pair of diagonal pliers (wire cutters). Cutting this stud off will not affect the way the vehicle behaves.



- 3) Complete installation based on your intake:

OEM Intake (non JCW)

Using the two long bolts and corresponding nuts, attach the cross bar to the brackets as shown in the image. Note that with the brackets in the correct position, the bar will be sitting more towards the front of the car.

Driver's Side (US Spec):



Passenger Side (US Spec):



Using the four short bolts, attach the cross bar/ bracket assembly to the base plates. Screw the four bolts down until they are hand-tight.

M7 Super AGS

Using the two long bolts and corresponding nuts, attach the cross bar to the brackets as shown in the image. Note that with the brackets in the correct position, the bar will be sitting more towards the rear of the car.

Driver's Side (US Spec):



Passenger Side (US Spec):



Using the four short bolts, attach the cross bar/ bracket assembly to the base plates. Screw the four bolts down until they are hand-tight.

M7 AGS-R

Using the two long bolts and corresponding nuts, attach the cross bar to the brackets as shown in the image. Note that with the brackets in the correct position, the bar will be sitting more towards the rear of the car.

Driver's Side (US Spec):



Passenger Side (US Spec):



Using the four short bolts, attach the cross bar/ bracket assembly to the base plates. Screw the four bolts down until they are hand-tight.

- 4) Be sure that you tighten down all connection points. Base plates are to be tightened to the body of the car at 25 ft-lb per nut. Cross bar and bracket connection points should be tightened until hand-tight.

If you have questions or need additional technical support, please email techsupport@m7tuning.com or call our office at 562-608-8123.