

M7 Strut Re-Enforcement Plates (SRP)
p/n:53-510101
Installation Guide

This product fits all R50-R52-R53 Generation 1 Mini Coopers



Tools Needed (not included):

- 13 mm Socket
- 17mm Socket
- Ratchet
- Torque Wrench
- (Optional) Wood block 2"x4" x 6"-12"
- (Optional) BF Hammer



- 1) Inspect the top of each strut tower. Use a short 6" straight edge and inspect the tops of your strut towers. If you notice any mushrooming, where the straight edge does not lay flat against the steel, continue with step 2. If your strut towers are flat, move to step 3. Refer to the many YouTube videos for additional info on how to do this
- 2) Jack up the front end of your car to relieve pressure on the strut towers. Do not remove the three 8mm nuts (13mn hex) holding the strut top to the sheet metal frame.

CAUTION: DO NOT HAMMER ON THE STEEL WITHOUT THE WOOD BLOCK.

- a. Place a wood block (a short scrap of 2"x4" will work) over the mushroomed portion of the strut tower and hammer on the wood until the strut tower becomes flat again. You will need to hit the block hard to get the steel structure to return flat. (You will need a BIG Hammer and swing it hard-don't be scared)

- b. When the strut towers have flattened out, bring the car back onto the ground and move on to step 2.

CAUTION:

STEPS 3 and 4 MUST BE DONE WITH WEIGHT ON THE WHEELS-DO NOT ATTEMPT TO DO IT WITH THE CAR JACKED UP AND NO WEIGHT ON THE WHEELS

- 3) Using the 13mm socket, remove the 6 nuts at the top of the strut towers (3 on each side).



Line up the holes of the strut tower plates with the bolts from the struts and place the Strut Tower plates over the strut towers. The M7 Logo and machined pocket should be towards the center of the car and the logo is in a readable position.

- 4) Using the 6 closed top acorn nuts supplied with the kit secure the M7 Strut Tower Plates to the strut towers and torque down to **25 lb-ft (34 Nm)** each. Do not attempt to tighten over this specification as it may cause damage to your struts.

Enjoy the Ride.....

Team M7