



# UPPER FRONT TIE BAR – NM.358846 / NM.358846B / NM.358846R

[F55] MINI Cooper All 1.5T / 2.0T 2014-UP

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### PARTS INCLUDED:

- [1] Left-Hand Side Base Plate
- [4] M8x30mm Hex Socket Bolt
- [1] Aluminum Tie-Bar w/Clevis

- [1] Right-Hand Side base Plate
- [4] M8 x 20mm Hex Socket Bolt
- [1] Punch Tool

### TOOLS REQUIRED:

- [1] Ratchet Driver
- [1] Hammer

- [1] 6mm Hex Key Wrench
- [1] Wood Block

- [1] 13mm Socket



1. Park MINI on a level surface and remove the [2] forward most 13mm hex bolts on top of each strut tower.



2. Mount and evenly tighten the left and right NM base plates to strut towers using supplied M8x30mm bolts – torque to 34 Nm (25 ft-lbs).



3. Position NM Tie-Bar on top of rubber engine bay seal and align parallel NM base plate mounting with clevis at both strut towers. **NOTE:** Center of Tie-Bar will be rotated toward front of vehicle. Then with marking pen draw line directly under centerline of bar onto rubber seal. Repeat at other strut tower.



4. Pull off rubber seal from vehicle and place on a piece of wood. Using punch tool supplied, center over pen mark and center between top and bottom grooves on rubber seal.



5. Using hammer, strike a few times to punch through the rubber to the other side.



6. Adjust billet-end clevis holes to match-up to base plate holes. In order to slide clevis onto base plate, rotate bar as necessary. **NOTE:** Adjust so that an equal amount of thread is exposed on each end of Tie-Bar.



7. Install NM Tie-Bar through hole in rubber engine bay seal. Repeat for other side.



8. Attach NM Tie-Bar clevis to mounting base plates using [4] M8x20mm hex socket bolts supplied and install rubber engine bay seal at the same time.



9. Tighten all [4] M8x20mm hex socket bolts using 6mm hex key wrench.



10. Now hand tighten locking collar on each end of NM Tie-Bar.



11. Installation complete.

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