

Mason Engineering Lower X-Brace Installation Instructions

Recommended Installation Tools

- 15mm socket
- 17mm socket
- E-12 Torx socket
- 10mm Allen socket
- 15mm combination wrench
- Optional: large tapered drift punch (for centering bolt holes on L CABS)

Important Notes:

- **Mason Engineering always recommends that all installations be completed by a professional technician**
- **Installing Mason Engineering parts on your BMW could possibly violate or void the manufacturer's warranty; all liability is assumed by the customer.**

Step 1: Lift car on a hoist or support with jack stands. Remove steering rack bolts and L CAB (lower control arm brushing brackets) bolts.

Step 2: Install new steering rack bolts (Torx head) with washer under the bracket using the original nut. Tighten only to finger tight at this time. Note: The steel brace uses an additional washer instead of a shim under the bracket. We recommend the use of Blue Loc-tite.



Step 3: Install new Allen head LCAB Bracket bolts with washers. Note: Over time, a lot of movement can occur in the uni-body, if the bracket bolts won't line up you can use a large drift punch to walk or force the brace into position.

Step 4: Seat all bolts until tight. Take care to avoid over-tightening which can result in gauling or stripping of the bolts. Mason Engineering recommends a test drive of your vehicle followed by a recheck of all connections ensuring they are correct.



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