

TBA Machine
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2015 -2016 Challenger, Charger, Demon Differential Brace Instructions

Tools Required

16mm socket and ratchet
12mm hex/allen socket for ratchet
5mm hex/allen socket for ratchet
Torque wrench with 90# capacity
8mm x 1.25 tap (in some cases)

2015-2016 with threaded crossmembers Installation instructions

1. Verify that you have threaded inserts in the cross member. If you do not please see **Note** below.
2. Install the provided bolts in the cross member and make sure they turn in free by hand. If they do not you will need to tap them with an 8mm x 1.25 tap.
3. Remove the 8mm bolts.
4. Remove the 2-14mm bolts from the left and right side of the differential with your 16mm socket and discard.
5. Install the bolt in the brace on the driver side, apply some Loctite and start it into the housing. Tighten this and all hardware finger tight leaving it loose until all of the hardware is started into place.
6. Place the rubber on top of the bracket while aligning the holes for the hardware and swing the bracket counterclockwise until the passenger side bolt lines up to the hole. Now, apply some Loctite to the bolt and start it leaving it finger tight only.
7. Apply Loctite to the 2- 8mm bolts that are provided and install them through the rubber and in to the threaded holes that are in your chassis and start them by hand a minimum of 2 turns.
8. Torque your 14mm bolts in the differential to 90ft lbs. of torque.
9. Torque the 8mm bolts until the rubber is compressed 1 to 2mm.

Note: Some late model 2016s did not have threaded nuts in the cross member therefore nuts have been provided for you that you can install and modify a wrench to hold them as they are torqued. Should you experience a challenge with the standard nuts we provided please call us and we will send the custom cross member nuts we manufacture for the 2017s and up free of charge.