



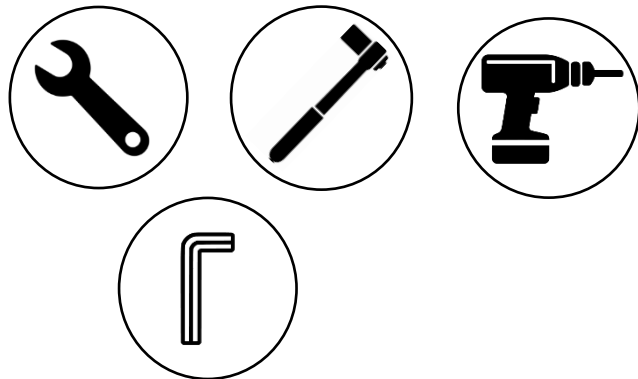
# INSTALLATION INSTRUCTIONS

## Part #PG-STB-001 – Double Strut Tower Brace

### COMPONENTS:

QTY	DESCRIPTION
1	Strut Tower Brace
1	1/4-20x2 3/4 Shoulder Bolt
1	1/4-20 Nyloc Nut
1	1/4 AN Washer
1	5/16 AN Washer

### RECOMMENDED TOOLS:



13MM SOCKET & TORQUE WRENCH

7/16 WRENCH & 5/32" ALLEN WRENCH OR HEX SOCKET

DRILL, 1/4" & 5/16" DRILL BITS

### FITMENT:

2008-2020 Dodge Challenger/Charger  
5.7L & 6.4L (Non-Shaker Hood)

## INSTRUCTIONS

**Step 1:** Remove left and right shock mount covers (Fig. 1), using a trim removal tool (if necessary)

*\*Note: There is a recessed area to make removal easier (Fig. 2)*



Figure 1



Figure 2

**Step 2:** Using a 13mm socket (deep well may be needed) remove the 6 upper strut mounting nuts, 3 per side (Fig. 3)

**Step 3:** Place a piece of masking tape on the center of the cowl panel brace. (Fig. 4)



Figure 2



Figure 1

**Step 4:** Standing in front of the car, place the driver side flange of the strut bar under the coolant overflow hose and place the back flange under the cowl, while positioning the passenger side onto the strut bolts. Reinstall all of the six (6) strut fasteners and tighten. Now mark the location of the hole in the back-cowl panel brace. This will ensure a precise fit.

**Step 5:** Remove the tower brace from the car and using a 1/4" drill bit, while holding the drill at a 90-degree angle to the cowl brace, drill completely through both sides of the tube. Now using a 5/16" drill bit, drill the front side of the brace only (**DO NOT drill through both sides**) (Fig. 5 )

**\*Note:** Lay a shop towel across the intake manifold to catch any metal shavings. Deburr whole if desired.



Figure 3

**Step 6:** Remove the masking tape

**Step 7:** Reinstall the shock tower brace as in **Step 4**, start all hardware but do not fully tighten. Install the provided shouldered bolt through the strut tower brace and cowl brace via the above drilled hole and torque to 15ft./lbs. The shoulder is designed to prevent crushing of the cowl panel brace when tightened. (Fig. 6)

**Note:** The shoulder bolt should be positioned with the hex head facing the front of the vehicle, 7/16 nut side positioned to the rear of the vehicle. (Fig. 6)



Figure 4

**Step 8:** Torque the remaining six strut fasteners to 20 ft/lbs. (Fig. 7)

**Note:** Some instances will require raising one side of the vehicle to allow proper alignment of the studs through the holes of the strut bar



Figure 5 (PG-STB-002 Shown)

**Step 9:** Reinstall factory strut tower covers, if desired (Fig. 8)

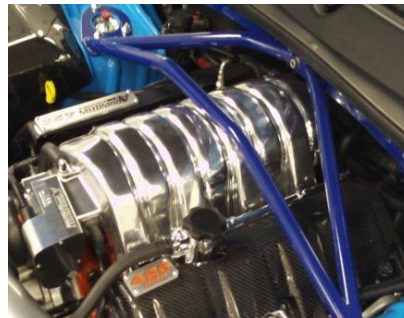


Figure 6