



4 POINT STRUT TOWER BRACE

STB016 – 2010 Camaro

RECOMMENDED TOOLS:

Hydraulic Jack and stands
Sockets: 22mm, 24mm, ½” deep
Wrenches: ½”, 9/16”
Drill with 5/16” drill bit

NOTE: While this installation does require separating the upper strut mount from the body, the strut mount is self-aligning and there is no need for a wheel alignment after the installation. Additionally the strut and spring remain assembled so there is no need for a spring compressor or any other specialty tools typically needed for strut removal.

INSTALLATION:

1. Using a 24mm socket, remove the nut and strut retainers located on the strut towers. See **Image 1 and 2**. NOTE: this nut does not retain the spring and can safely be removed.
2. Lift the front of the vehicle and allow the wheels to hang freely. Support the vehicle on jack stands. The struts should “pop” out of the strut tower, allowing sufficient workspace to modify the strut towers. **NOTE:** if the struts do not fall out of the tower, pull down on the wheel/tire until the strut assembly falls down. See **Image 3**.



3. Position the strut tower brace onto the strut towers, centering the circular center rings of the BMR brace to the top of the strut towers on the car. Clamp the brace into place using vise grips or c-clamps. See **Image 4**.
4. Using a 5/16” drill bit, drill all (8) holes using the brace itself as a drill guide. See **Image 5** on the next page.



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5. Remove the brace and de-burr the mounting holes.
6. Re-position the brace and insert the provided 5/16" x 3/4" bolts up through the bottom of the strut tower then thread a stainless washer and acorn nut onto each bolt. Using two 1/2" wrenches, tighten all (8) bolts. See **Image 5 and 6** above.
7. Move to the forward tower mounts and using the BMR strut tower brace as a guide, drill through the strut towers as shown in **Image 7** below.
8. Insert the provided 5/16" x 3/4" bolts from inside the strut tower then thread a stainless washer and acorn nut onto each bolt as shown in **Image 8** above.



9. Lower vehicle, allowing the struts to return to their original position. It may require the help of another person to guide the strut mount up into the strut tower while the car is being lowered.
10. Place (1) of the provided 1/2" flat washers onto the stud of each strut.
11. Install the provided billet strut retainer and the provided 14mm jam-nut.
12. To prevent the billet strut tower retainer from turning when tightening the strut shaft nut, wrap a 1/2" deep socket with tape and hold it on one of the mounting nuts while tightening the strut retainer nut. Tighten the main strut nut to 52 ft/lbs. See **Image 9**.



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