

aFe Control Strut Braces Toyota A90 Supra

Product Number: 450-721003-A/B/L/R

Install Time: 5-30 Min.



Full Kit Contents	Front & Rear Sway Bar Set	Qty.
00P-OP2565-A	Brace, LF Stainless Steel (450-721003-A Kits Only)	1
00P-OP2566-A	Brace, RT Stainless Steel (450-721003-A Kits Only)	1
00P-OP2570-B/L/R	Brace, LF Black/Blue/Red (450-721003-B/L/R Kits Only)	1
00P-OP2571-B/L/R	Brace, RT Black/Blue/Red (450-721003-B/L/R Kits Only)	1
00P-OC1730-A	Bolt, M8-1.25x50, Hex Flange, Gr 5 Titanium	2
00P-OC1731-A	Bolt, M10-1.5x25, Hex Flange, Gr 5 Titanium	4
00P-OC1732-A	Small Washer (1/4 USS, 316 SS)	4
00P-OC1733-A	Large Washer (3/8 SAE, 316 SS)	4
00P-OC1734-A	Nut, M8-1.25, Nylock, 8.8	2

Recommended Tools:

Sockets: 10mm, 12mm, E14

Preferable Equipment (For Non-strut brace equipped models):

- 2-Post Lift or 2 floor jacks

Removal of Factory Braces (2021+ 3.0 Models):

1. Open hood and use a E14 socket to loosen and remove bolts (4) and braces.



Strut Brace Install (2021+ 3.0 Models):

2. The 2021 3.0 models will use the supplied (4) M10-1.5 x 25mm titanium hex flange bolts and large washers.

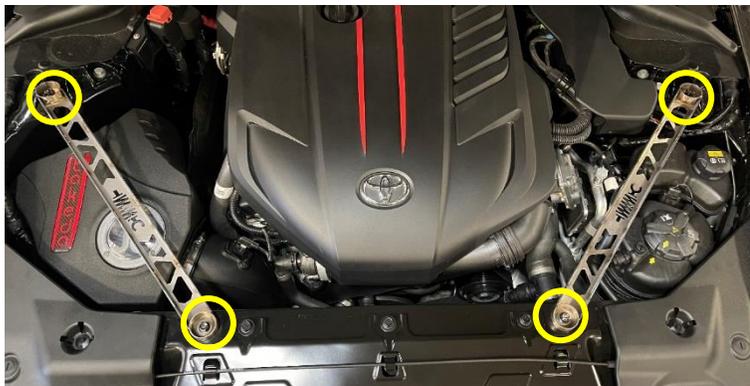


(Optional) Apply anti-seize onto the first half of the bolt threads.

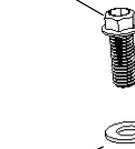
3. Place the AFE Control braces in the correct orientation.



4. Install all (4) M10 bolts with washers by hand first. Then torque down the bolts to **30 ft · lbs** with a 12mm socket and you're done.



M10 x 25mm



M10 x 25mm

Large Washer



Strut Brace Install (2020 3.0 & 2021+ 2.0 Models):

This section applies to the models that did not come with strut braces from the factory. Front mounting hardware is the same as the 2021+ 3.0 models. (Use M10 Bolts) However, there are 2 installation options for the rear mount:

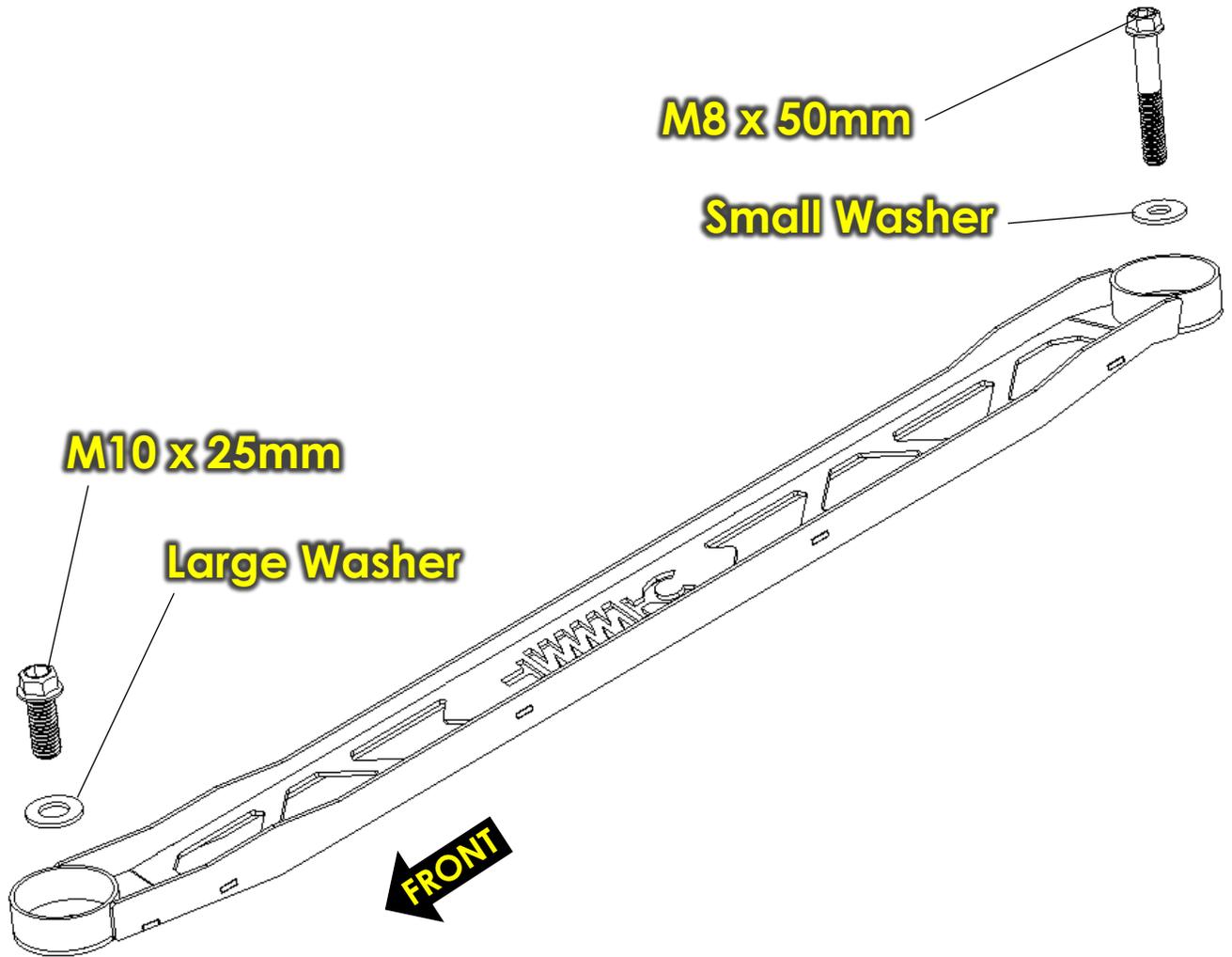
Method 1 (Easy) Use the supplied M8-1.25x50mm Titanium bolt that passes through the factory (unthreaded) hole.

Method 2 (Intermediate) Tap the factory (unthreaded) hole using a M10-1.5 tap and install using the larger M10 titanium hardware.

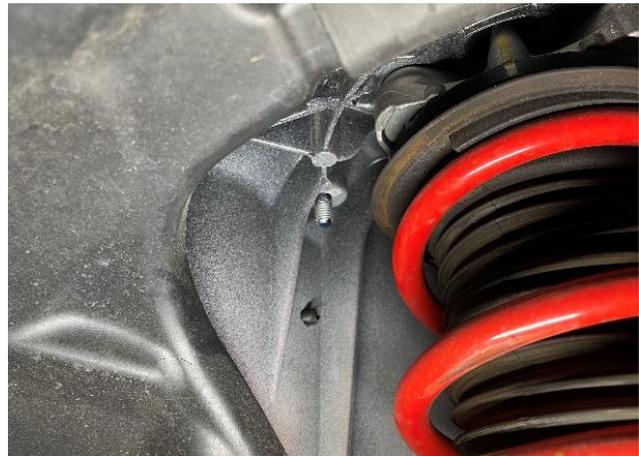
Method 1

1. Install a small washer on each M8 bolt. With the braces in place, insert the bolt into the unthreaded factory hole. Optional: Apply anti-seize to the start of the threads.





2. Raise the front of the vehicle with a 2-post lift or floor jacks to allow BOTH front wheels to droop and gain access to the underside of the strut tower.



3. Install the front M10 bolts in the front by hand first. Then install the provided small washer and Nylock nut and tighten to 18 ft·lbs. You can tighten the front M10 bolts to 30 ft·lbs.



Method 2

1. This method is slightly more difficult since you will need to have access to metric thread taps and have knowledge of how to tap threads.
2. Raise the front of the vehicle with a 2-post lift or floor jacks to allow BOTH front wheels to droop. Place a rag or something to catch the thread shavings when you tap the holes.
3. Use a **M10-1.5** tap and thread the (2) holes at the strut towers.



4. Once the upper holes are tapped, You can install the braces using the same M10 bolts and washers.

Install all (4) M10 bolts with washers by hand first. Then torque down the bolts to **30 ft · lbs** with a 12mm socket and you're done.

