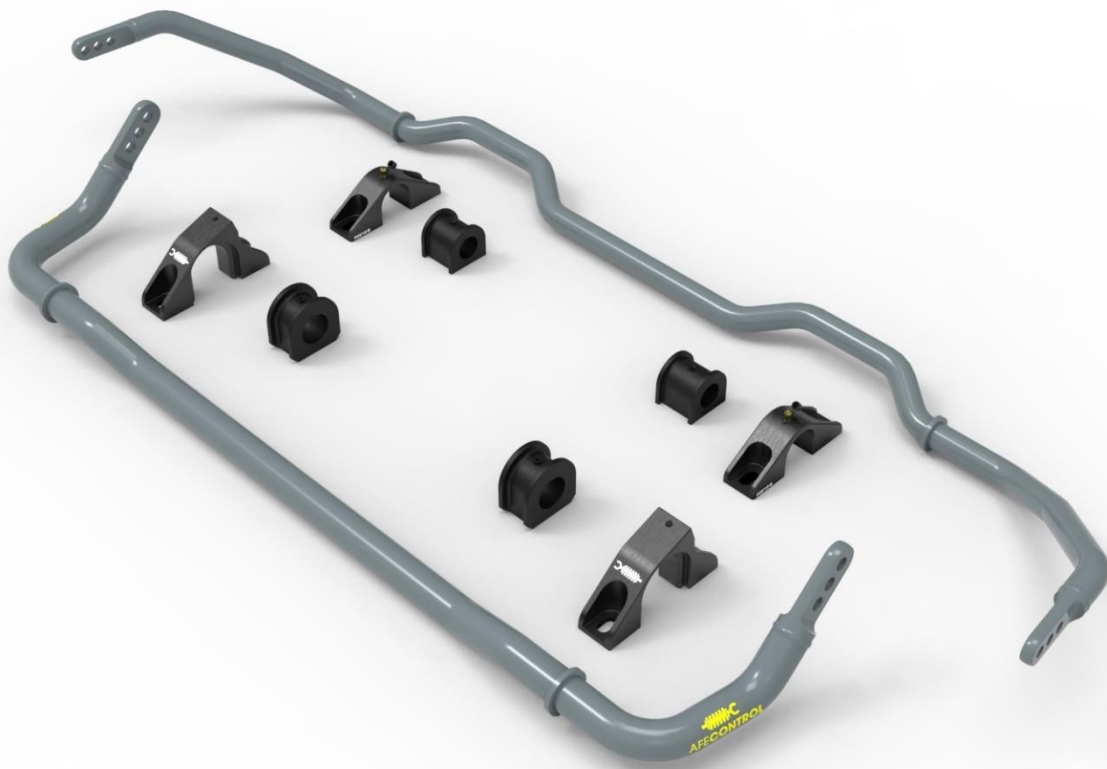


# *aFe Control Sway Bar Set Tesla Model 3 AWD*

**Product Number:** 440-901001-G, 440-901001FG, 440-901001RG

**Install Time:** 2.5 HRS.



**Recommended Tools:**

Sockets: 10mm, 11mm, 15mm, 18mm, T30, T40

Wrenches: 15mm, 18mm

**Preferable Equipment:**

- 2-Post Lift

### Front & Rear Parts List:

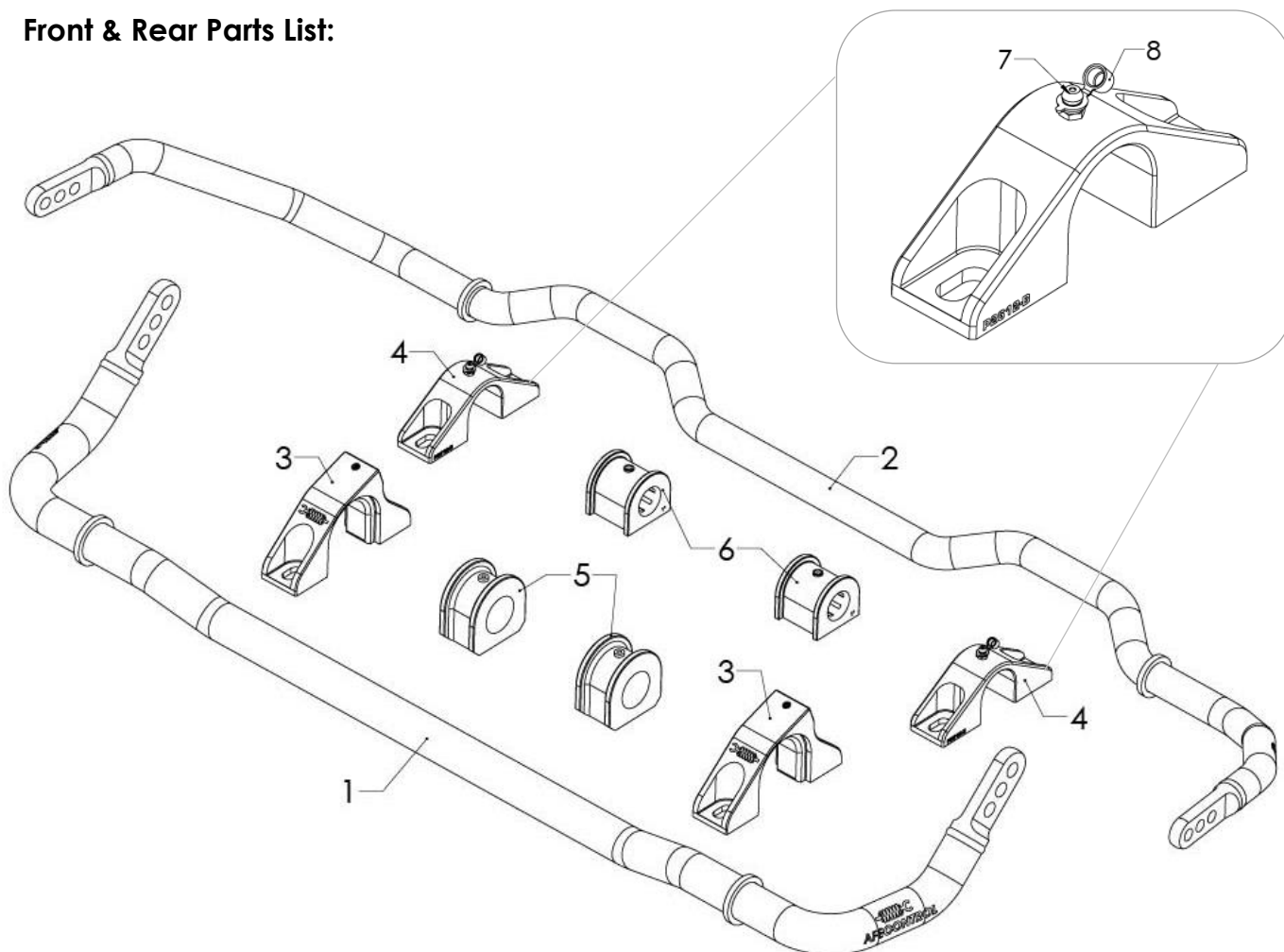


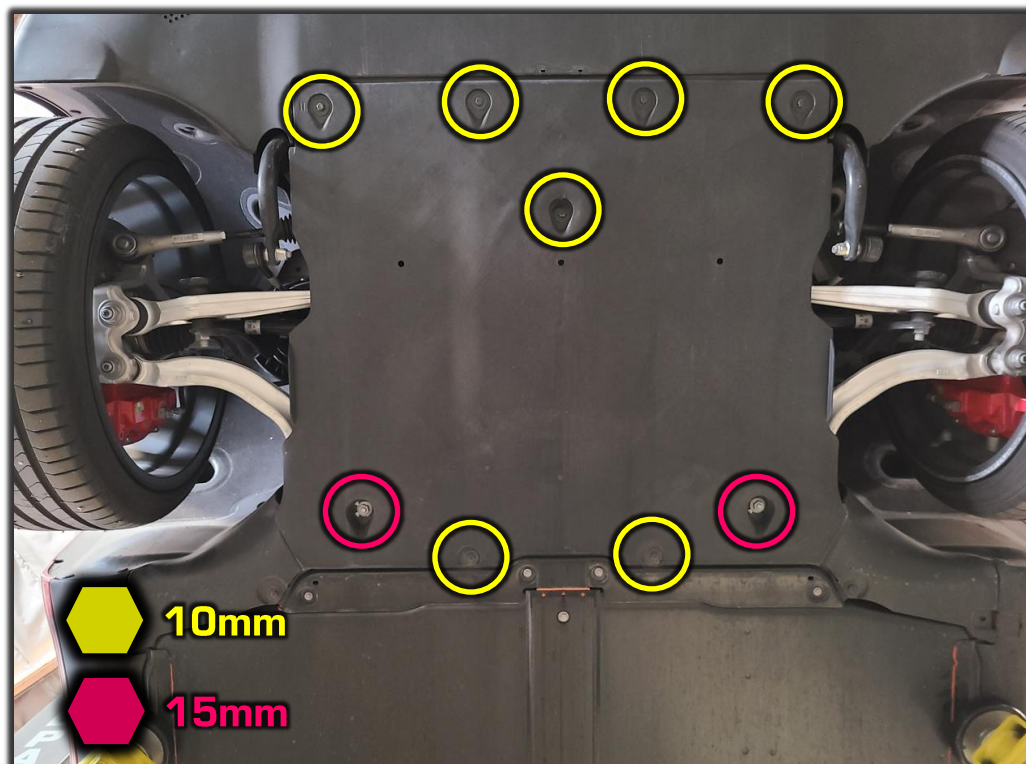
Diagram #	Part No.	Description	Qty.
1	00P-0P2640-G	S/A Sway Bar, Front: Tesla Model 3	1
2	00P-0P2641-G	S/A Sway Bar, Rear: Tesla Model 3	1
3	00P-0P2611-B	Bracket, S/B Type T	2
4	00P-0P2612-B	Bracket, S/B Type 2.6	2
5	00P-0C1658-B	Bushing, Poly: 1.25" ID, 5354G	2
6	00P-0C1747-B	Bushing, Poly: 1" ID 5340G	2
7	00P-0C1175-A	Fitting, Grease: 1/4-28 Self Tap	2
8	00P-0C1698-A	Cap, Grease Fitting	2
9	00P-0P2651-Y	Decal, Sway Bar: aFe Control 3" (Yellow)	4
Not Shown	00P-0C1007-A	Grease Pack (0.5 oz)	2

## Front Sway Bar Installation:

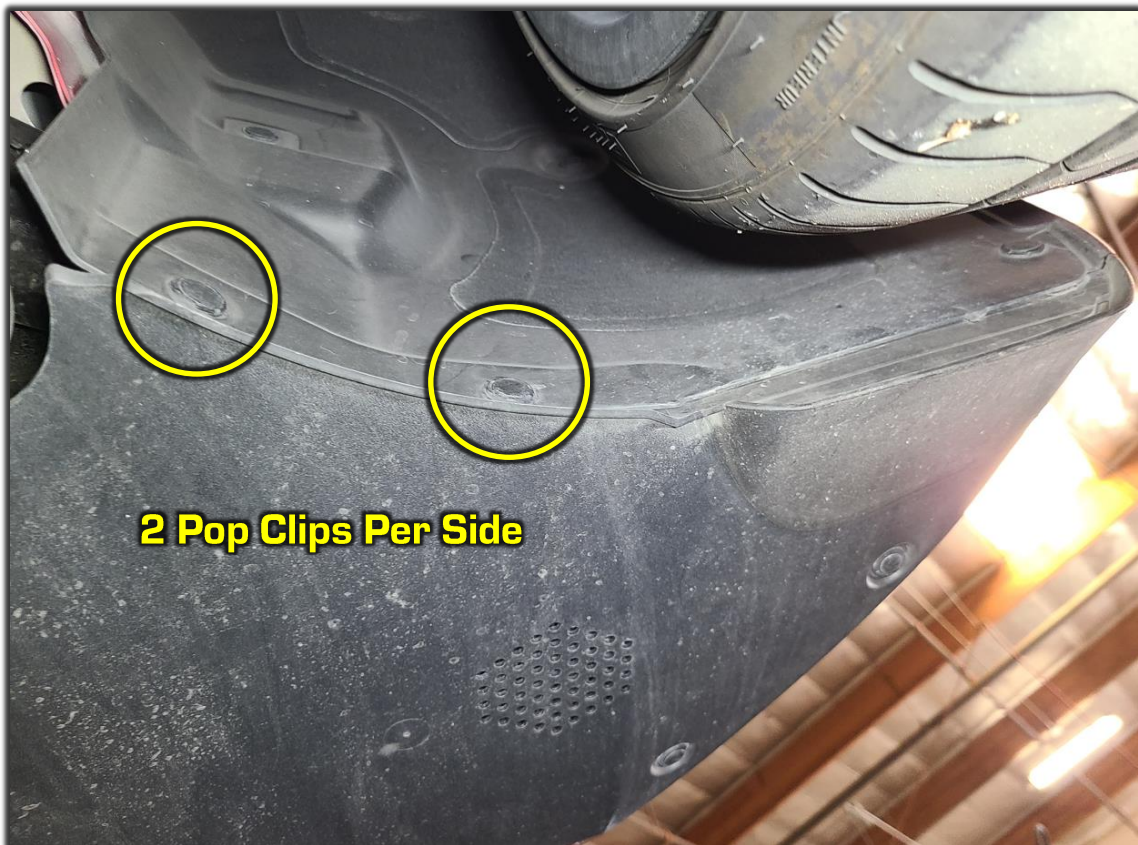
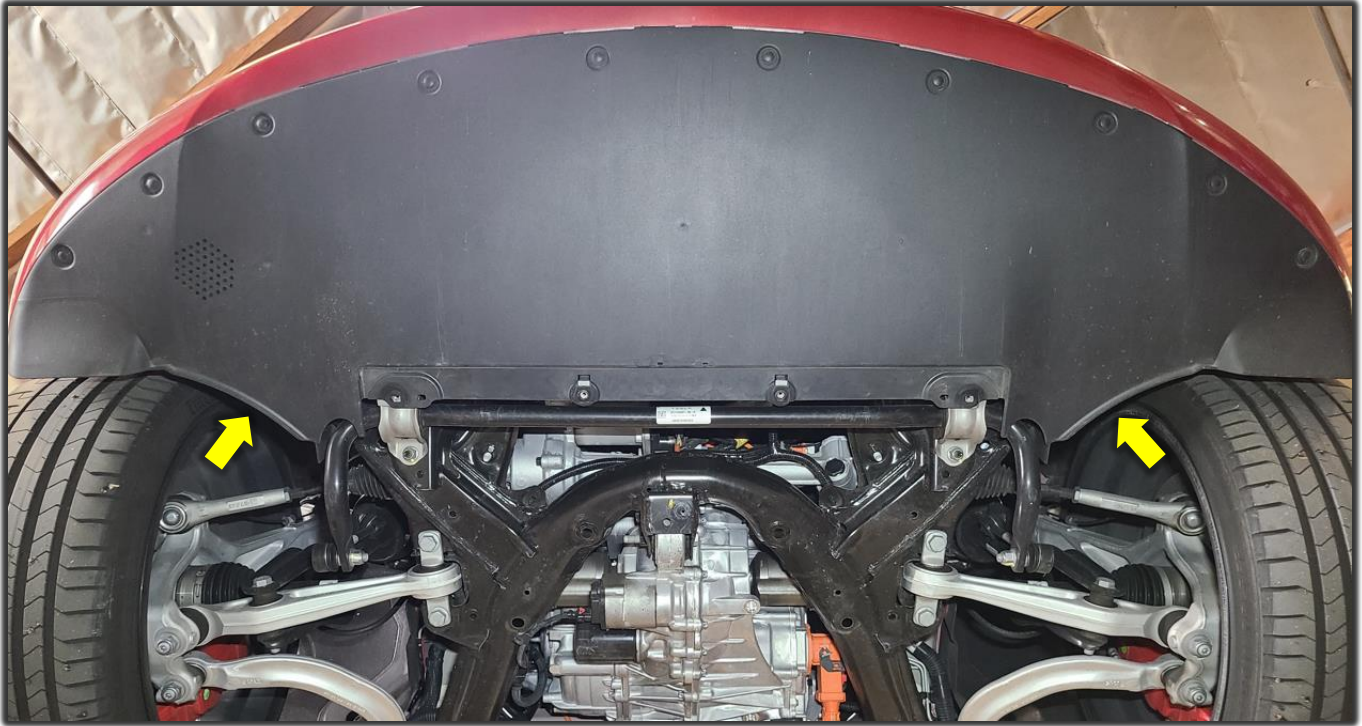
- 1F Raise the vehicle with a 2-post lift (preferable), or floor jack. If using a floor jack, place jack stands in the factory designated jack points.



- 2F Remove the front plastic undertray by unfastening the (7) black bolts, (2) silver bolts.



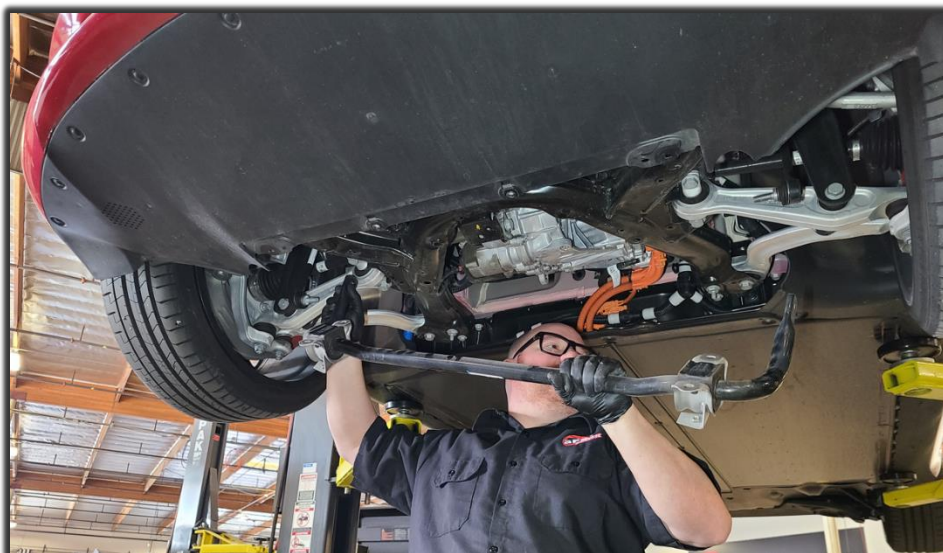
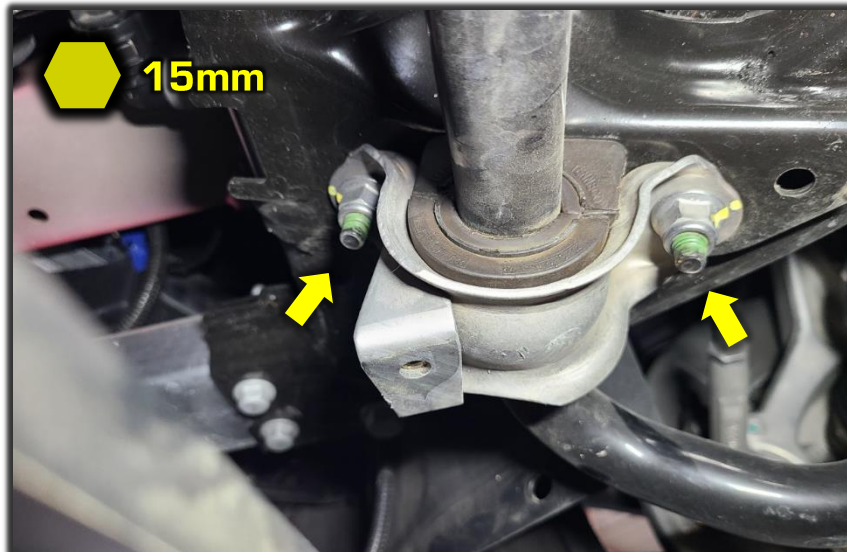
3F Pop the (4) clips (2 on each side of the front tray) near the wheel wells. This will allow you to pull down on the tray to access the bushing bracket front bolts.



4F Disconnect the end links from the sway bar. Retain this hardware for reinstallation.



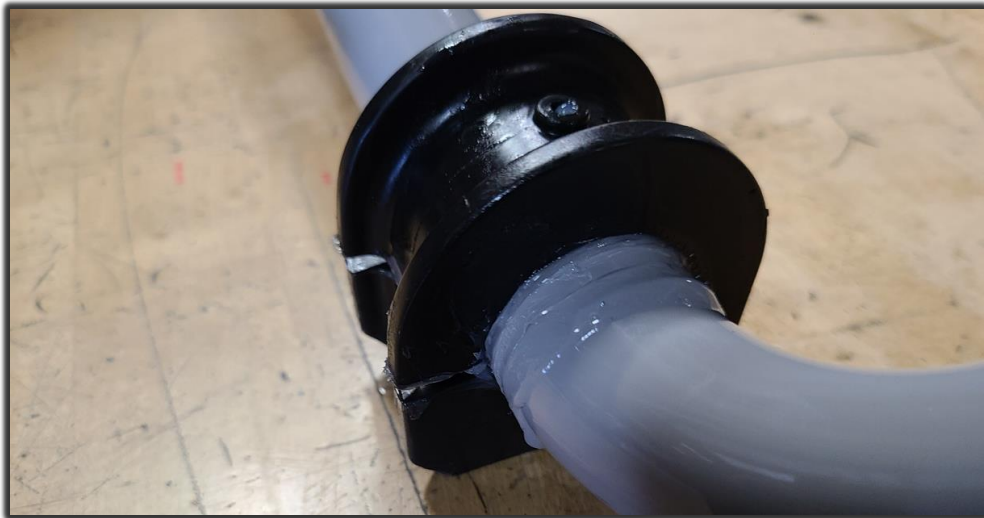
5F Unbolt the sway bar bushing mounts (4) nuts and remove the sway bar from the vehicle. Retain this hardware for reinstallation. Remove bar from vehicle.



6F Lay out the factory sway bar with the aFe Control sway bar to match the orientation.



Lube the inside surface of the bushings with the supplied silicon grease. Install the bushings onto the bar as shown.



7F Install the included billet bushing brackets onto the bushings.



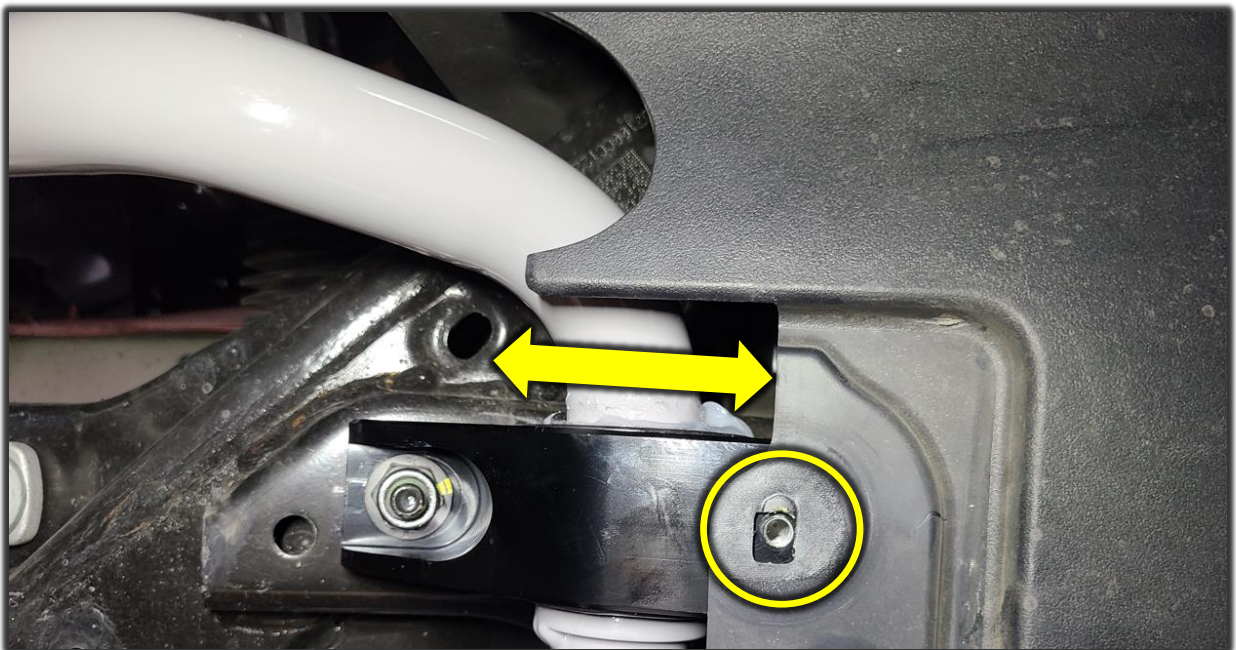
8F Reinstall the sway bar assembly back onto the vehicle in the same manner as removal. Attached the end links to the sway bar first to help with positioning the bar onto the car (do not tighten yet).



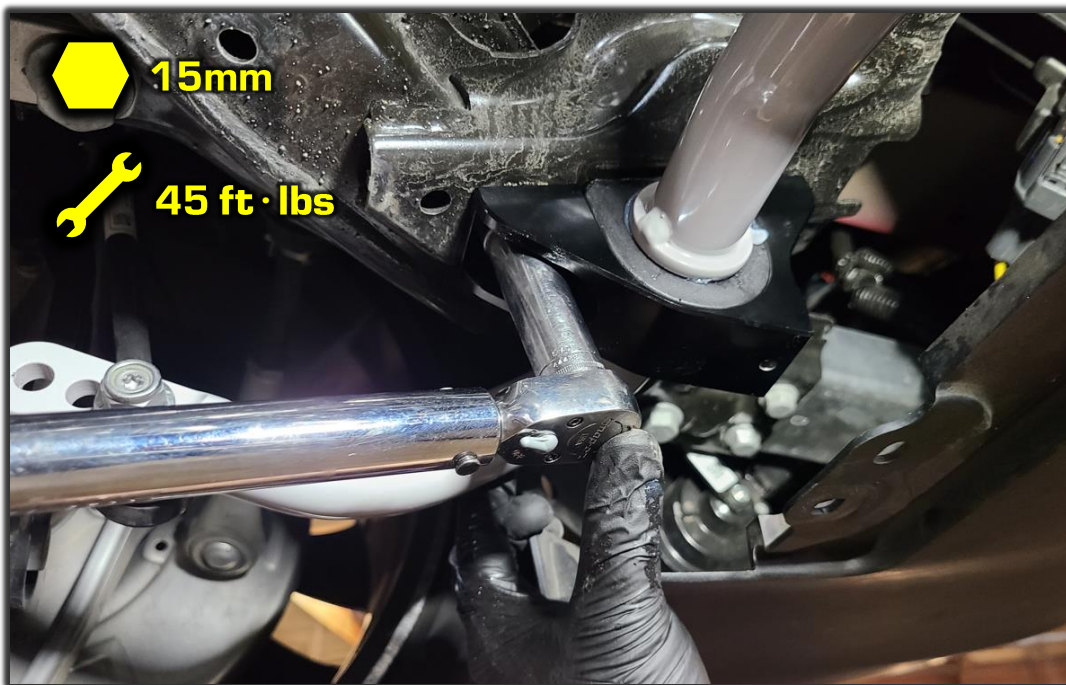
- 9F Rotate the bar up into position and install the bushing brackets to the car reusing the factory nuts. (2) nuts per bracket.



Adjust the bracket position so that the threaded hole in the forward position matching the under panel hole.

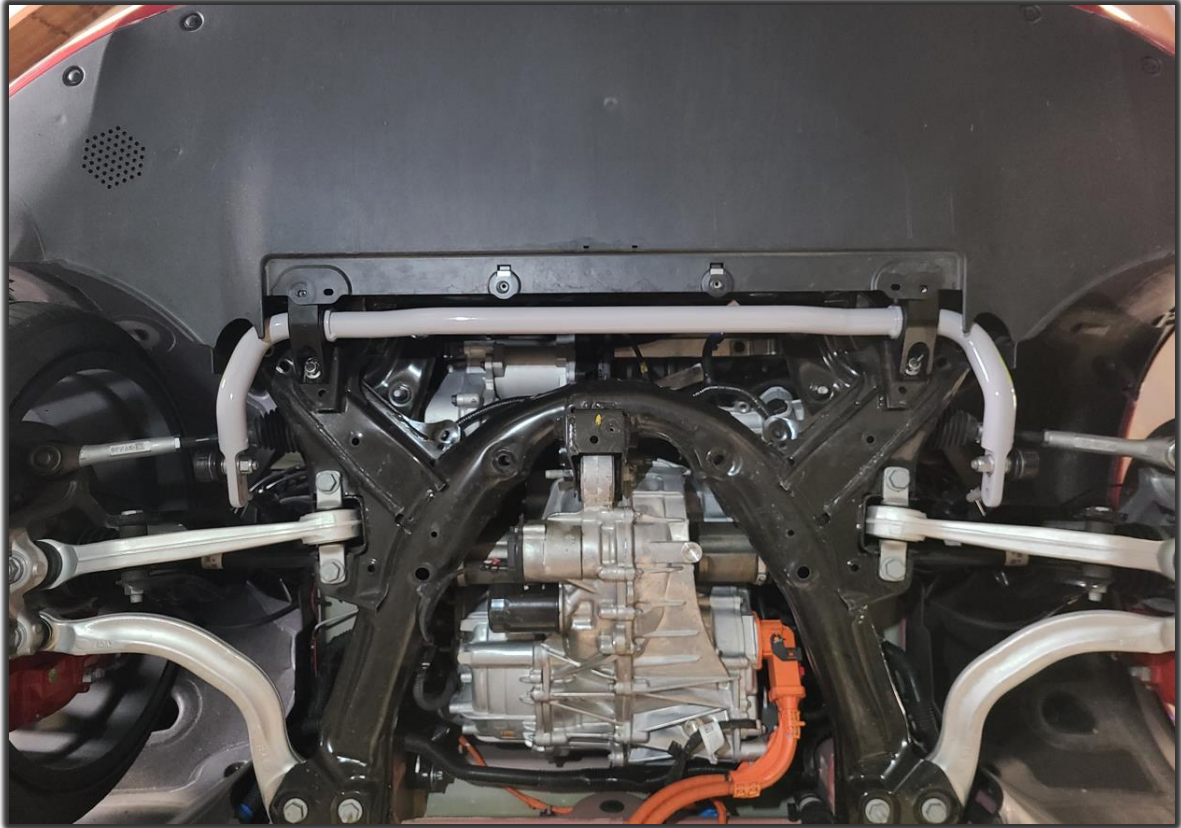






10F Fully tighten the factory nut onto the sway bar end. The hole furthest from the end is the stiffest setting. (Shown) The hole closest to the end is the softest setting. **Tip: Add some thread locking compound to the end link stud to ensure long lasting tightness.**





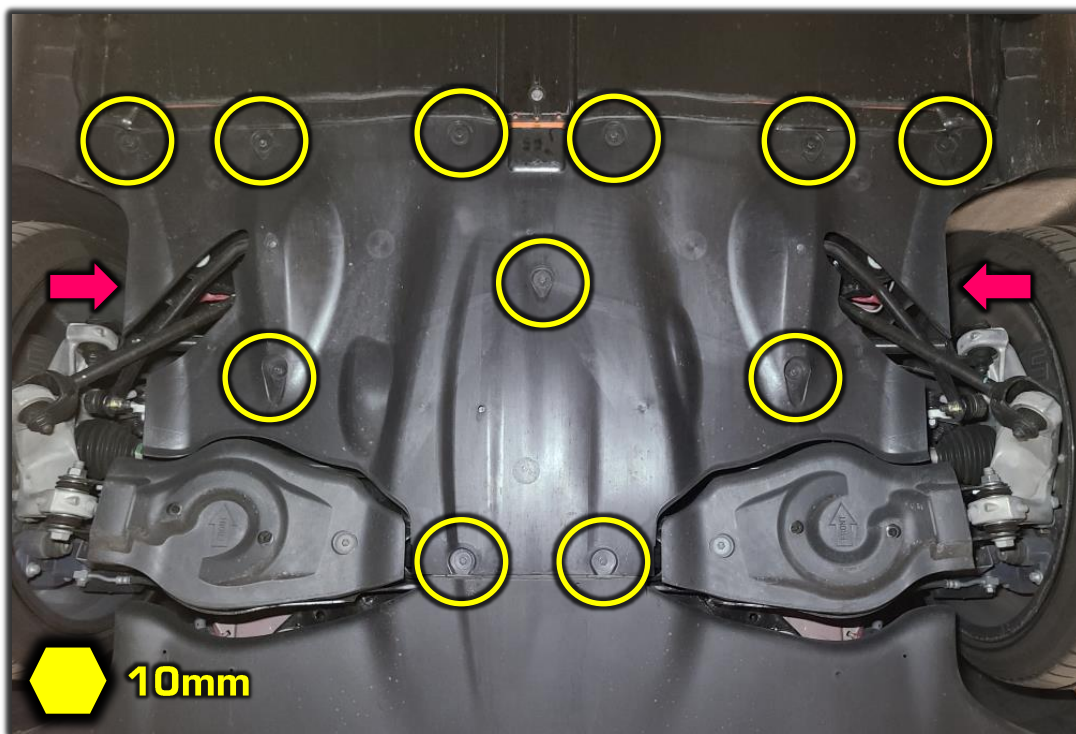
11F Repeat steps 1F-3F in reverse order. You are now finished with the front sway bar installation.

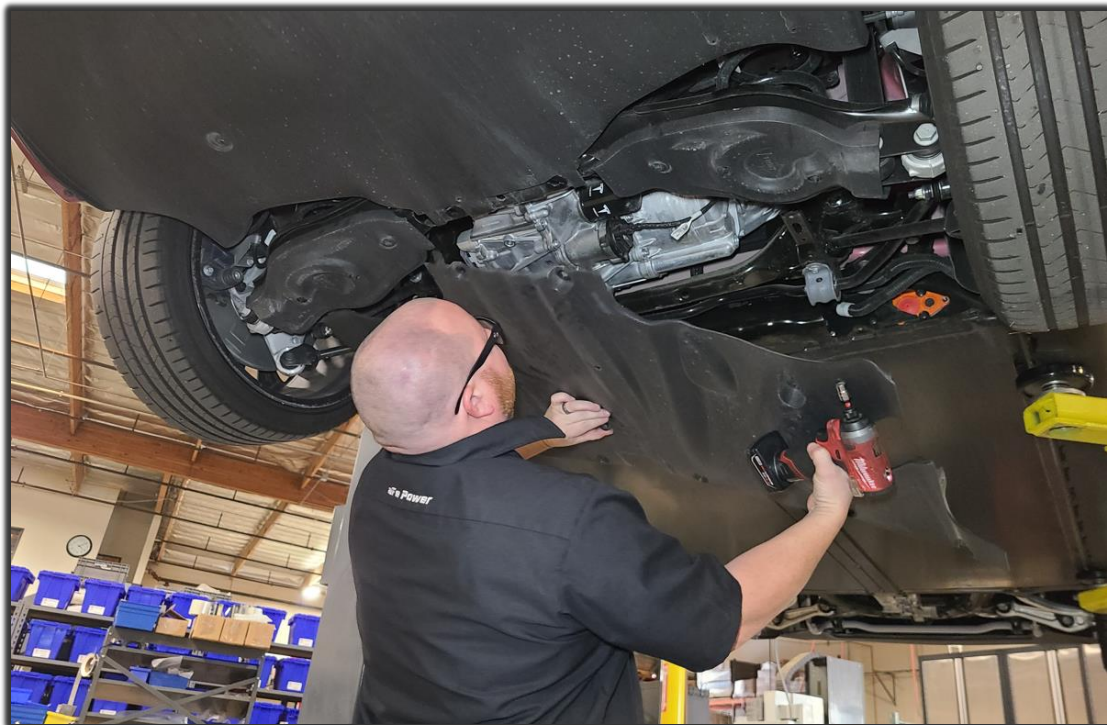
## Rear Sway Bar Installation:

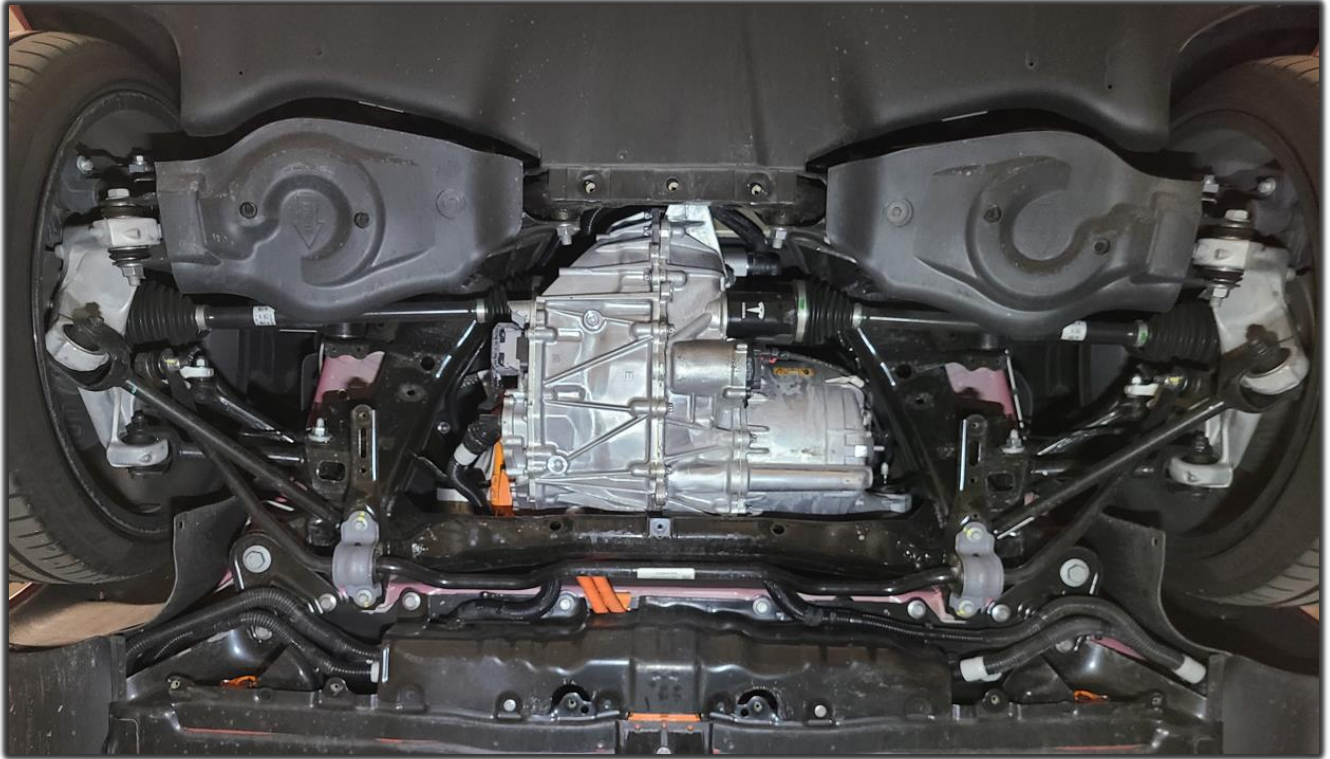
- 1R Raise the vehicle with a 2-post lift (preferable), or floor jack. If using a floor jack, place jack stands in the factory designated jack points.



- 2R Unbolt the (11) bolts and (2) pop clips to remove the rear plastic under tray.







3R Unbolt the end link from the factory sway bar. Repeat on other side. Retain hardware for reinstallation.



- 4R Unbolt the (2) bushing bracket bolts. Repeat on other side. Retain hardware for reinstallation.



- 5R Remove the rear sway bar from the vehicle.



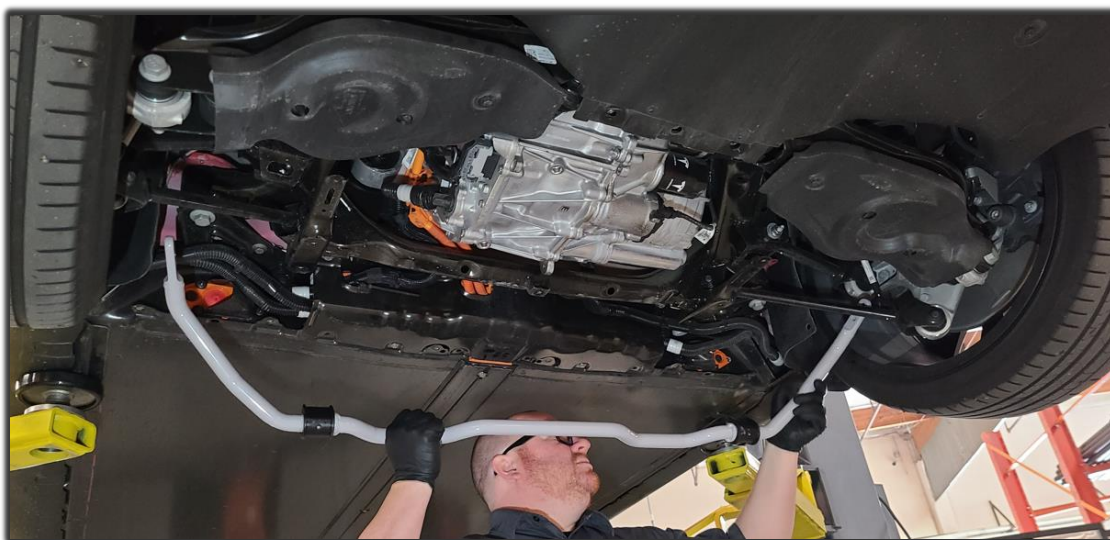
Lay out the factory sway bar with the aFe Control sway bar to match the orientation.



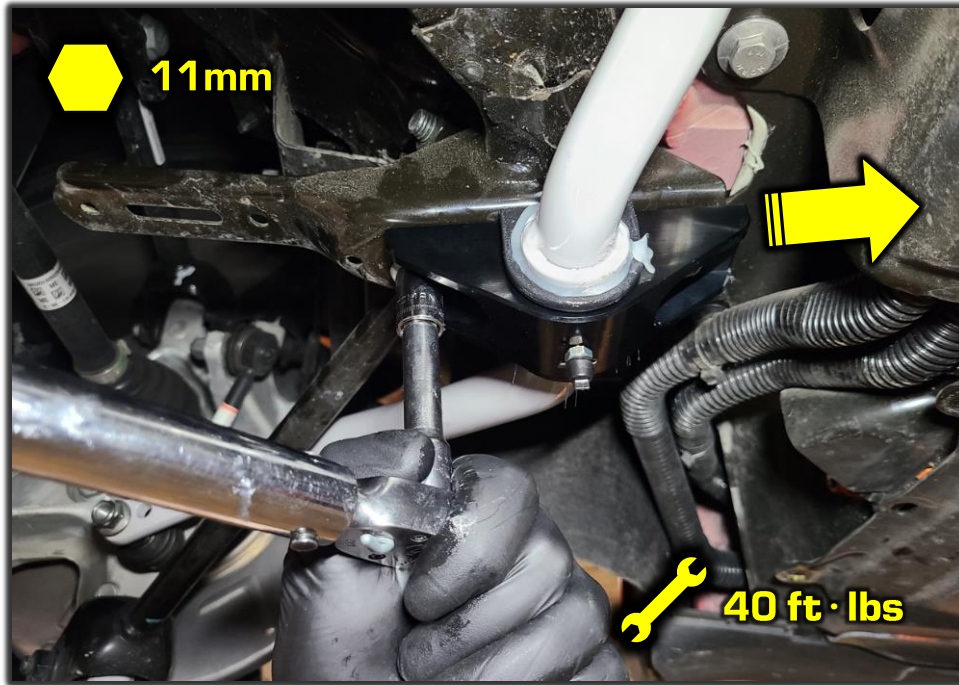
- 6R Lube the inside surface of the bushing using the provided grease. Spread open the bushing and install onto the sway bar.



- 7R Install the aFe CONTROL sway bar in the same manner as factory removal.



- 8R Install the aFe CONTROL billet brackets using the factory hardware. **Tip: Shift the bushing brackets forward when tightening.**



- 9R Fully tighten the factory nut onto the sway bar end. The hole furthest from the end is the stiffest setting. (Shown) The hole closest to the end is the softest setting. **Tip: Add some thread locking compound to the end link stud to ensure long lasting tightness.**

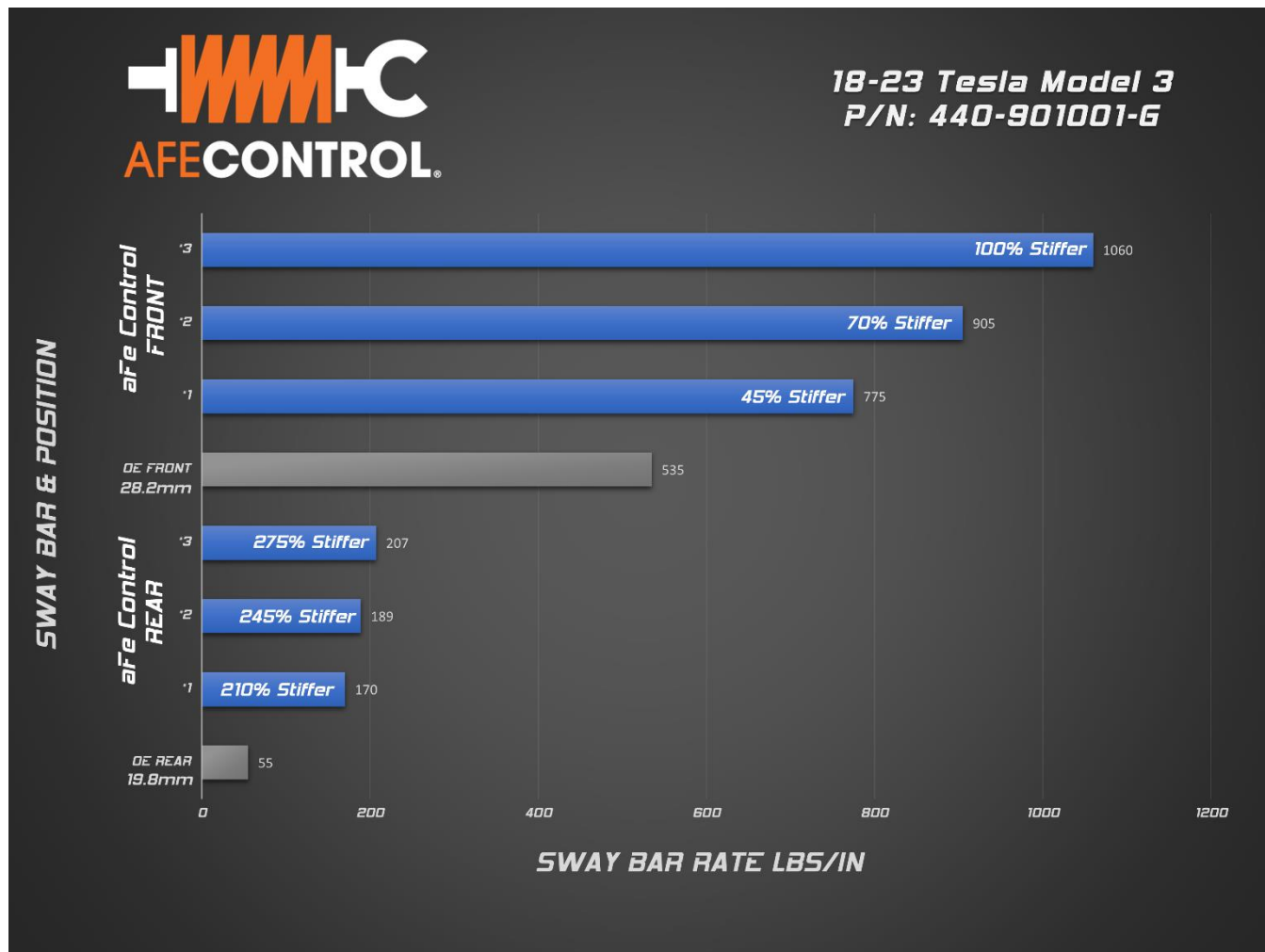






10R Repeat steps 1R-2R in reverse order. You are now finished with the rear sway bar installation.

## Stiffness Chart and Tuning:



Stiffer roll resistance will demand more from the tires. When the tire's grip is overloaded, they will begin to slip. Manipulating when the front or rear tires slip can make the vehicle understeer, oversteer, or handle neutral. So, think of it as the higher the stiffness, the earlier the slip. If the front slips first, you will have understeer. If the rear slips first, you will have oversteer. If both front and rear slip near the same time, you will have neutral handling.

(Note: Handling characteristics highly depend on wheel alignment and how much grip your tires have)

Suggested Initial Settings for Street:

Front: Position #3 Full Stiff (Hole furthest from the end)

Rear: Position #1 Softest Stiffness (Hole closest to the end)