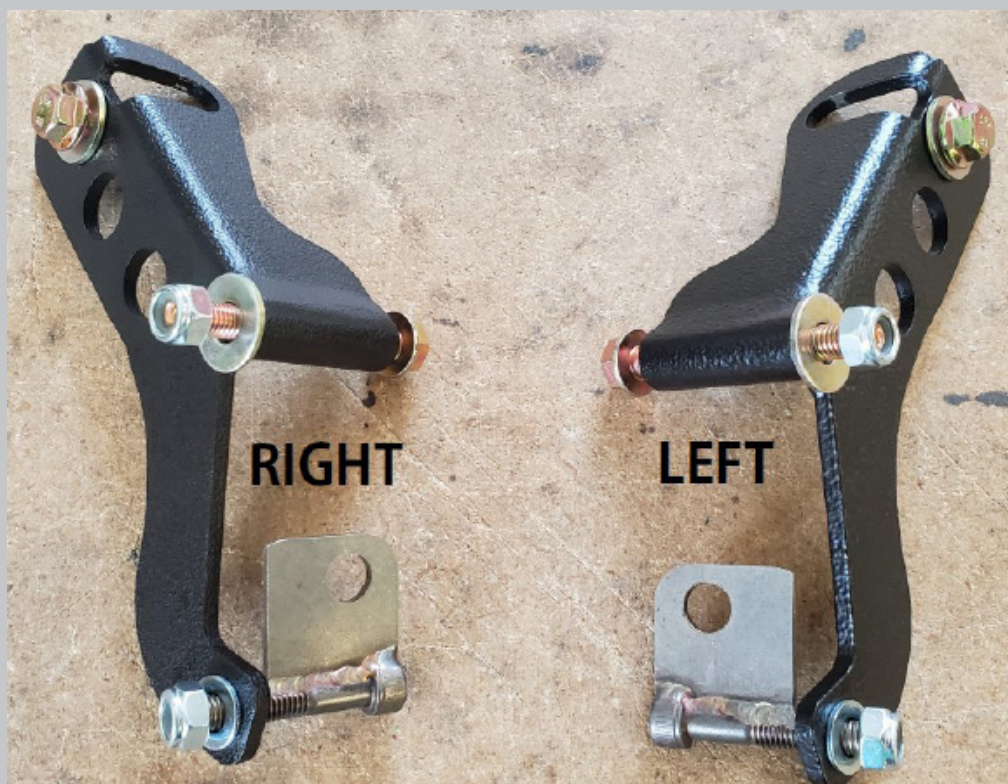


## FRONT SWAY BAR MOUNT REINFORCEMENT KIT FOR ND 13-3902X



Thanks for purchasing this front sway bar mount reinforcement kit for your ND. The factory sway bar brackets on the ND are inherently weak. These brackets strengthen the subframe to prevent fatigue and failure. These brackets are especially important on cars with sticky tires and aftermarket sway bars. If you have any questions during installation or suggestions for improvement to the product or the instructions - please don't hesitate to call or email.

**WARNING: Not everyone can perform every installation. It is critical that you be honest with yourself in regards to your ability. We're more than happy to help, but there are only so many things we can do from the other end of a phone / computer. If in doubt, discuss the install with us before you dive in. Improper installation could cause injury and / or death!**

### Required tools:

- Metric socket & wrench set
- Ratcheting 10mm wrench
- Phillips screwdriver
- Small flat head screwdriver

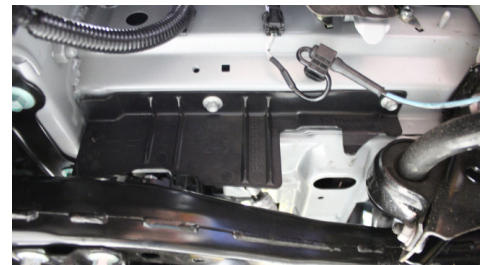
### Torque specs

- 19mm subframe nut: 88-106 lb-ft
- M8 bolts provided: 22 lb-ft

1. With the car securely on jack stands or a lift, remove the front wheels, then remove the forward lower fender liners in both front wheel wells. There are four screws (8mm socket or Phillips head) and eight plastic fasteners - for the plastic fasteners, pry the middle out slightly with a small flat head screwdriver (roughly a 1/4"), then pull the whole fastener out.

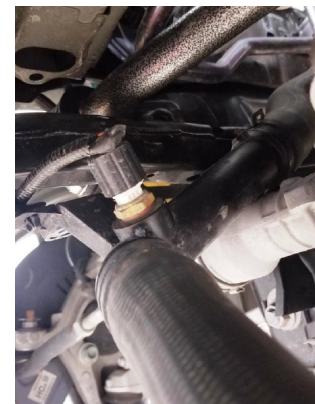
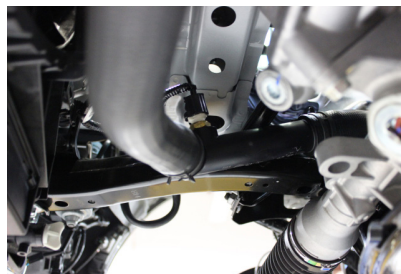


2. Remove the central splash pan. The two rear plastic fasteners are a larger diameter than the rest, so keep them separate. In addition to the two rear plastic fasteners, there are eight M6 bolts and two screws.



3. Remove the plastic side panels. Each one is secured with two M6 bolts.

4. Remove the front and rear bolts from the plastic tube on the lower radiator hose that's bolted to the right-side frame rail. Use the ratcheting 10mm wrench here. The rear bolts is particularly difficult to reach. You don't need to disconnect the radiator hose from the plastic tube. Take your time here. You can carefully pull the plastic tube and hose down and around the from rail for better access to the area where the new right-side bracket will be installed.





5. Remove the large 19mm nut behind the sway bar pivot mount holding the from subframe to the frame rail.
6. Slide the bracket for that side of the car into place over the stud. You may need tap the bracket into place if its a snug fit. Re-install the large nut only finger tight. The longer M8 bolt installs from the inside of the frame rail through the tube in the new bracket and through the other side of the frame, using a flat washer under the nylon locking nut. Do not tighten yet! Install the short M8 bolt with another flat washer through the frame near the large 19mm nut and into the threaded hole in the new bracket, but do not tighten!
7. **Stage 1 kits (13-39020, retaining tabs) only:** Remove the lower 14mm nut from the sway bar bushing bracket. Install the tab/bolt piece over the stud and through the hole in the new bracket. Use another M8 flat washer and M8 nylon insert nut on the tabs bolt and the original nut on the sway bar mounting stud.
8. **Stage 2 kits (13-39021, billet sway brackets) only:** Remove the sway bar bushing brackets. Pull the sway bar bushing outward slightly to allow for the billet mount to install clear of the frame rail. The billet mount has slotted mounting holes to allow it, along with the bushing, to be slid inward into place. Move the sway bar around to allow for the threaded tab on the billet mount to clear the retaining tab on the reinforcement bracket.
9. Torque the 19mm subframe nut first to 88-106 lb-ft. Next tighten the longer M8 bolt on the new bracket and then the short bolt, both to 22 lb-ft. Be especially careful not to overtighten the short M8 bolt. Lastly, tighten both the sway bar bracket nut(s) and the Nyloc nut (stage 1) or M8 bolt (stage 2) until snug and then make final tightening. Parts may flex slightly as you tighten everything together. Repeat for the opposite side of the car.
10. Reposition the plastic radiator hose above the right-side frame rail and re-install the two bolts.
11. Replace the side panels, splash pan, and fender liners, lower the car and you're done!

