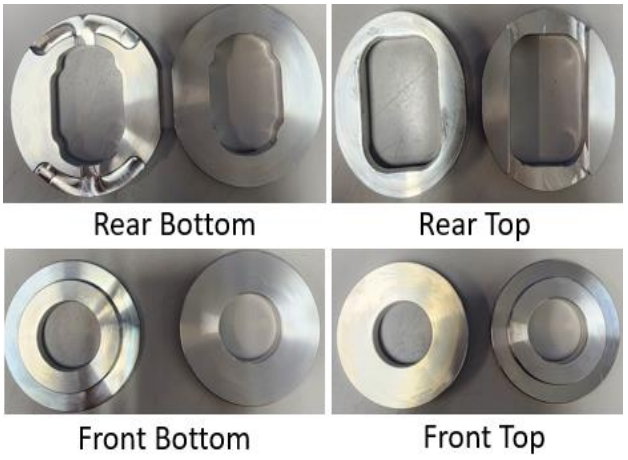
2020+ Explorer ST Subframe Bushing Support System



Tools Needed: Instructions for 555-4462

-13mm socket

-21mm socket

-24mm socket

Installation

1. Lift and support the car, by the chassis on a vehicle lift, or on jack stands. Do not place the jack stands underneath the rear sub frame.
2. Locate the four main subframe bolts (circled 21mm rear, 24mm front). Use a 21mm socket to loosen the rear sub frame head bolt. **Note: Work on one side of the subframe at a time, so that an alignment is not completely necessary.** Loosen, but do not remove one rear subframe 21mm headed bolt. The bolt needs to be loosened enough, to give the subframe about one inch of drop in the rear. Also, remove the two 13mm bolts in the middle of the rear. See figure 1.
3. Loosen, but do not remove, two of the 13mm bolts securing the front subframe mount to the chassis. Do this on the same side as the rear bolt you just loosened.
4. Working on the same side, remove the front main subframe bolt using a 24mm socket **(do only one side at a time).** Install the thicker spacer above the front subframe bushings and the thinner spacer below the front subframe bushing. The steps on the spacers will sit in the voids of the factory subframe bushing. Install both front spacers at the same time. See Figure 2 for the correct orientation.
5. Once the spacers are installed and oriented correctly, torque the front 24mm subframe bolts to 129ft-lbs. Torque the two 13mm bolts to 41ft-lbs.
6. On the same side, now remove the rear subframe bolt completely using a 21mm socket. Install the oval shaped spacer above the rear subframe bushings. See figure 3. The flat side of the spacer will go up, so that when tightened, they contact the body. The steps on the spacers, will sit in the voids of the factory bushing. Install lower spacer with the steps facing up, so it will also fill the voids in the factory bushings. Do both at the same time. See figure 4 for correct orientation.
7. Once all the spacers are installed and oriented correctly, torque the rear 21mm sub frame bolts to 129ft-lbs. Torque the two 13mm bolts to 41ft-lbs.
8. **Repeat for the other side**. Verify all hardware has been tightened and lower the SUV. Enjoy! **Note: An alignment may not be necessary, but it is recommended.**