



STEEDA

STEEDA ALUMINUM DIFFERENTIAL MOUNT BUSHING SYSTEM

Instructions for 555-4440

Tools Needed:

1. 18mm socket and ratchet
2. 7/8" socket and ratchet
3. 21mm socket
4. 13mm socket
5. Blue loctite

This kit comes with billet aluminum inserts. They will greatly increase NVH. These are considered a Hardcore Racing part. Designed for track use only as they greatly increase NVH. These will eliminate any amount of differential movement.

****Note, if your car has aftermarket exhaust, it's recommended that you unbolt it from the IRS assembly to allow it to drop down further. This will provide additional clearance to install the IRS Diff bushings inserts.****

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. Once the car is supported, place a jack underneath the front of the sub frame, to support it independently from the car.
 3. Locate the main subframe bolts. They are blue, 21mm hex head bolts. Remove the two front bolts as well as the four 13mm hex head bolts (2 per side) securing the front subframe support bracket to the chassis. This will allow the front end to drop down in the front. Do not remove or loosen the rear bolts at this time.
 4. With the IRS drooped down you can now remove the front differential bolt, figure 2. Remove only ONE at a time. **You're removing 1 factory bolt and replacing it with 2 new bolts.** Remove the 18mm bolt completely. Then install the included 7/8" (head) 14mm x 65mm long bolt and 7/8" washer with blue loctite from the rear towards the front, in the same manner the stock bolt was, figure 3. Torque to 129 ft-lbs.
 5. Now from the front side, using the provided 7/8" (head) 14mm x 35mm long bolt, large washer and aluminum bushing, figure 1. Bolt the bushing into place with blue loctite, figure 1, 4 & 5. Rotate the aluminum bushing so the grooves match the factory bushing and apply some grease. Torque to 129 ft-lbs. Repeat for the other side front diff bolt.
 6. Once both front IRS differential bushings are installed, tighten back up the subframe support bracket plate and subframe bolts. Torque the 21mm main subframe bolts 129ft-lbs and the 13mm bolts to 41ft-lbs.
 7. To install the rear IRS differential bushing you must loosen the 2 rear 21mm bolts that hold the subframe in place. Don't remove them, just loosen them so the subframe will droop down.
 8. Doing one side at a time, remove the factory diff 18mm bolt. On some cars there is a damper installed onto this bolt, it must be removed, figure 6. Once the bolt is removed install the aluminum bushing with the provided large washer, figure 7, 8 & 9. Use the provided 7/8" (head) 14mm x 110mm long bolt to install the aluminum bushings in the rear with blue loctite. Torque to 129 ft-lbs. Repeat for the other side.
- Tighten the factory 21mm subframe bolts to 129 ft-lbs. Enjoy!

