



by **MOROSO**

INSTALLATION INSTRUCTIONS SOLID ALUMINUM BODY MOUNTS P/N C3027

This kit includes all the bushings to replace the upper half of the factory rubber sub-frame isolators in 1967-81 Camaro/Firebird, 1968-79 Nova and 1971-72 Ventura/Apollo/Omega. By eliminating the deflection and twisting of the unibody you will increase the ability to transfer weight, which will lead to reduction of elapsed times. We recommend that you do not replace the factory radiator support bushings on street driven vehicles. Doing so will eliminate damage to the radiator core caused by vibration.

PARTS LIST

- 2) 2" O.D.. Radiator Support Bushings 4) 2-1/2" O.D. Subframe Bushings

INSTALLATION:

We recommend that you replace the bushings one side at a time.

1. Jack up and support the chassis in four places with jack stands.
2. Starting at the radiator support, loosen and remove the factory bolt. Remember to replace one bushing at a time,
3. Using a prybar, separate the core support from the frame and remove the factory radiator support bushing.
4. Retain the upper half of stock body bushings, these will be used as the lower bushing in this installation.
5. Install Moroso aluminum bushing with step towards recess, (found in unibody or subframe, depends on car).
6. Invert the upper stock body bushing and install it where the lower bushing had been.
7. Re-install the bolt but do not tighten completely at this time.
8. Next loosen and remove the middle body bushing. Replace it with one of the supplied 2-1/2" bushings.
9. Re-install the bolt but do not tighten completely at this time.
10. Repeat the process for the rear bushing, replacing it with one of the supplied 2-1/2" bushings.
11. Follow steps 2-10 for the opposite side of the vehicle.
12. With all the bushings installed, begin to align the subframe with the body.
 - a. Locate the alignment holes on the middle body bushing-mounting bracket.
 - b. Using a 1/2" diameter pin (a piece of re-bar is fine), line up the subframe mounting holes with the corresponding holes in the body.
 - c. With the holes in alignment, tighten the frame bolts to 70-ft/lbs.
13. Lower the vehicle to the ground. Re-check the torque on all bolts routinely as vibration might cause them to become loose.

NOTE: If the stock body bushing and hardware are too deteriorated for re-use, new replacement parts must be purchased and utilized.

**For Technical Assistance, Call Competition Eng. Tech Line at
(203) 458-0542, 458-0546 8:30am – 5:00pm Eastern Time**

COMPETITION ENGINEERING
80 CARTER DR • GUILFORD, CT 06437
Phone: (203) 453-5200 • Fax: (203) 453-6906

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