



Q50/Q60 Rear Subframe Collar Set Installation Manual



PROLOGUE:

Study these instructions completely and thoroughly before proceeding to assemble. Installation can be completed using common tools and automotive procedures. The installer must have a thorough knowledge of automotive systems operation. If unfamiliar with any of the concepts outlined in this instruction, we recommend the installation be completed by a qualified professional.

WARNING! Extreme caution should be taken when performing ANY maintenance or performance upgrades to your vehicle. Please observe and abide by any Warning or Caution labels placed on the various components and tools used when servicing your vehicle. If you have any questions regarding the installation or various components included with the Z1 Motorsports Q50/Q60 Rear Subframe Collar Set consult with a Professional Mechanic or contact Z1 Motorsports for more information.

Parts Included:

Quantity	Description
2	Collar A, Front Lower
2	Collar B, Rear Lower
2	Collar C, Front Upper
2	Collar D, Rear Upper

Tools Needed:

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Wheel Chock
- Ratchet
- Torque Wrench
- Assorted Metric Sockets

***BEFORE YOU BEGIN!**

Remove contents from the Z1 Motorsports Q50/Q60 Rear Subframe Collar Set and verify that ALL necessary hardware is present.

Instructions:

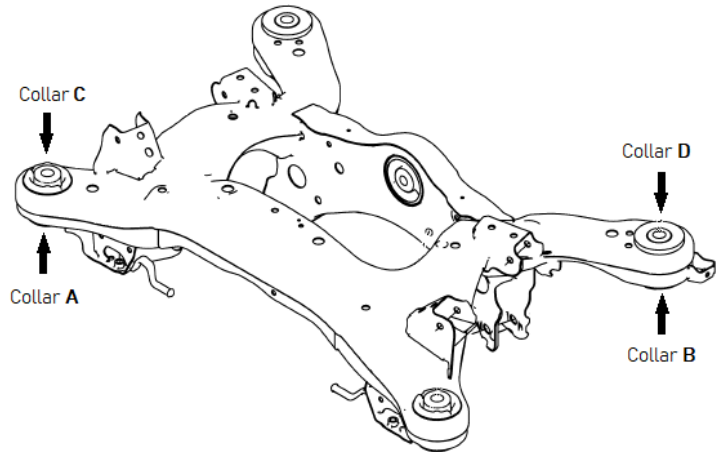
1. Assure the car's engine is turned off and place transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply Parking Brake.
2. Raise and support vehicle using jack & jack stands. Locate proper jacking points on vehicle's chassis (Refer to vehicle's Owner's Manual).
3. Remove exhaust from Y-pipe back.
4. Using 10mm socket remove plastic shields attached to front subframe legs (6 bolts total).
5. Support rear subframe with hydraulic jack.
6. Using 14mm socket remove (2) bolts holding front subframe braces to the chassis.
7. Remove nuts and any braces holding the rear subframe to the body.

8. Lower subframe until you have access to insert upper collars.

9. Insert front upper collars (Collar C).

Note: You will need to rotate this collar so that it is pressed completely into the Subframe Bushing. Lubricate collar and rubber bushing with WD-40 for easier install.

10. Insert rear upper collars (Collar D). A small rubber isolator exists between the subframe and the chassis. This will need to be removed before fully installing the collar. Remove this ring by cutting it with a sharp blade.



Note: AWD models are equipped with an additional rubber ring between the subframe and chassis. Remove this ring by cutting it with a sharp blade.

Note: You will need to rotate this collar so that it is pressed completely into the Subframe Bushing. Lubricate collar and rubber bushing with WD-40 for easier install.

11. Insert rear lower collars (Collar B).

Note: Be sure collar is pressed in completely.

12. Insert front lower collars (Collar A).

13. Raise Rear Subframe to factory position while checking all 4 upper collars are still in position.

14. Reinstall front subframe brackets.

Note: Be careful not to cross thread the bolts.

15. Reinstall subframe nuts. Torque to 89 ft-lbs.

16. Reinstall exhaust.

17. Lower vehicle from jack stands.

18. Perform final test drive of vehicle.

End

Additional Technical Support:

Contact Z1 Motorsports at info@z1motorsports.com

Or call 770 838 7777 between 9am and 6pm ET