

Z1 G35 HOOD STRUTS KIT INSTALLATION MANUAL



This Installation Manual is intended for the following models:	
2003-2006	Infiniti G35 Sedan
2003-2007	Infiniti G35 Coupe

PROLOGUE:

Study these instructions completely before proceeding to assembly. 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 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 installation or the various components included with the Z1 Motorsports G35 Hood struts Kit, consult with a Professional Mechanic or contact Z1 Motorsports for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	2	Z1 Hood Strut
2	2	Lower Mounting Ball Stud w/ Captive Washer
3	2	Hood Mounting Bracket

TOOLS REQUIRED:

- Ratchet
- 10mm Socket/Wrench
- 12mm Socket/Wrench
- Dremel or Body Saw

SAFETY REQUIREMENTS:

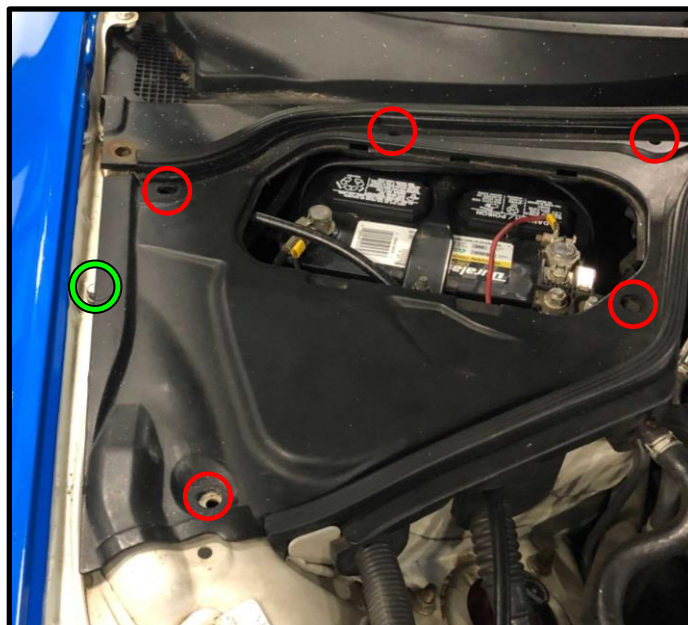
- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always use properly rated jack stands when working under your vehicle.
- Always keep limbs and parts away from moving drivetrain parts.
- Only operate drivetrain in safe space and well-ventilated areas.

BEFORE YOU BEGIN:

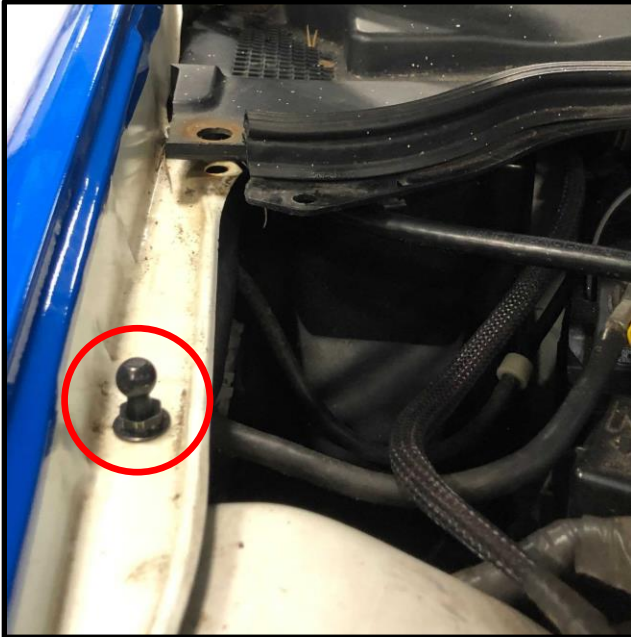
Remove contents from the Z1 Motorsports G35 Hood struts Kit and verify that ALL necessary hardware is present.

PROCEDURE:

1. Place the transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply the parking brake.
2. Unlatch and raise vehicle's hood. Apply hood prop.
3. Remove (5) plastic pop clips securing the cowl panel to vehicle at the top left of engine bay (circled in red). Remove the panel.
4. Remove the bolt (circled in green) in the middle of the fender.



5. Locate (1) lower mounting ball stud. Thread ball stud into threaded hole in fender, where the bolt was removed from in step #4 (as shown).
6. Place cowl panel back in place and mark where to trim (as shown).



7. Using a rotary tool or suitable cutting device, carefully trim cowl panel so it doesn't interfere with ball stud.
8. Locate (1) upper hood mounting bracket. Remove (2) nuts securing hinge to corner of hood. Position bracket over studs so that ball stud is pointing away from the vehicle. Secure bracket with (2) nuts that were just removed. Torque nuts to 8-10ft-lbs.
9. Locate Z1 Hood Strut. Remove the small metal clip on the ball socket end. Snap ball socket on the cylinder end into the ball stud on the hood. Attach other end to ball stud at fender. Place small metal clip back in ball socket end to secure in place (as shown).



10. Repeat steps #3-9 on opposite side of vehicle. It is uncommon for US models to have the plastic cowl panel on the driver's side over the master cylinder compartment. If your vehicle does not have the cowl panel, please skip steps #3, #6, and #7 when working on the driver's side of the vehicle.
11. Completed installation of the Z1 G35 Hood Struts Kit should look as shown:



12. Inspect vehicle for loose tools/items.
13. Lower hood of vehicle.
14. Perform a 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