



350Z Hood Strut Kit Installation Guide



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 installation or the various components included with the 350Z Hood Strut Kit, consult with a Professional Mechanic or contact Z1 Motorsports for more information.

Parts Included:

Item	Quantity	Description
1	2	Hood Strut Assembly
2	2	Hood Strut Brackets
3	2	Ball Studs

Tools Required:

- 10mm and 12mm Socket
- Ratchet
- Dremel or similar cutting instrument
- Clip Removal tool
- Screwdriver

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 350Z Hood Strut Kit and verify that ALL necessary hardware is present.

Procedure:

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. Unlatch, raise, and safely support Hood.
3. Starting with the right side, remove the battery cover shroud by removing the (5) clips securing the panel to the vehicle.
4. Using a 10mm socket, remove the fender bolt circled below.



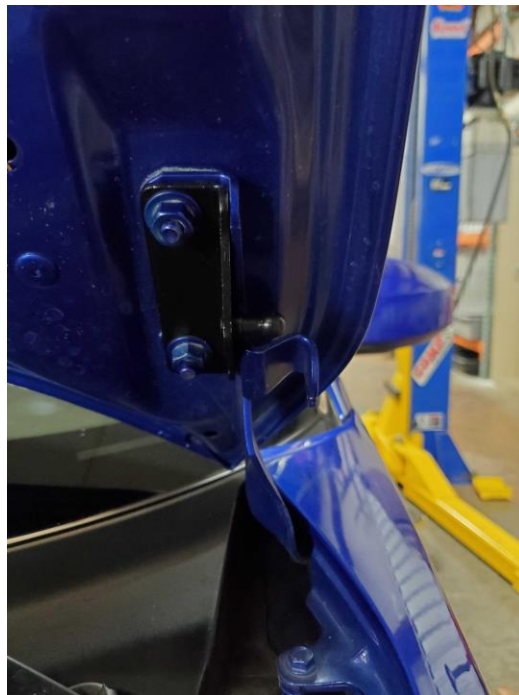
5. Locate provided Ball Studs. Install Ball Stud into factory fender bolt location. Torque to 10 ft-lbs.
6. Using a Dremel, trim the battery cover shroud. Be sure to trim enough of the panel so that it easily fits with the ball stud installed.



7. Re-install battery cover shroud.

Note: The following steps are best completed with an additional person to help hold the hood of the vehicle.

8. While holding the hood, use a 12mm socket remove the (2) nuts securing the hood hinge to the hood.
9. Install the Hood Strut Bracket onto the studs protruding from hood. The ball end should point away from the engine bay.



10. Install the Hood Strut onto the Ball Stud by pressing the Socket End located on the shaft side of the Hood Strut firmly onto the ball stud.

Note: Socket End of Hatch Strut Assembly should 'snap' onto Ball.

11. Remove the locking pin on the ball stud found on the housing side of the Hood Strut assembly by rotating pin and pulling down.

12. Install Socket End of Hatch Strut onto the Z1 Lower Mounting Plate.

Note: Lift up slightly on Hood for Socket End to slide over Hood Strut Bracket Ball. If Socket End is not oriented in line to snap onto Ball, simply rotate Strut Housing until aligned.

Note: Socket End of Hatch Strut Assembly should 'snap' onto Ball.

13. Install locking pin by inserting through hole on ball end. Once inserted, rotate locking pin and snap into place.



14. Repeat steps 2-12 for opposite side of the vehicle.

15. Slowly lower hood. Check for fitment and smooth operation. Assure the hood latches normally.

Note: If your hood does not line up as it did before, you can adjust the fitment via the hood hinge bracket.

End

Additional Technical Support:

Contact Z1 Motorsports at info@z1motorsports.com

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