

# Z1 350Z / G35 ALUMINUM UNDERSHROUD INSTALLATION MANUAL



| This Installation Manual is intended for the following models: |                    |
|--|--------------------|
| 2003-2006  | Infiniti G35 Sedan |
| 2003-2007  | Infiniti G35 Coupe |
| 2003-2009  | Nissan 350Z        |

## 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 350Z / G35 Aluminum Undershroud, consult with a Professional Mechanic or contact Z1 Motorsports for more information.

## **PARTS INCLUDED:**

| Item | Quantity | Description                               |
|------|----------|---|
| 1    | 1        | Panel A, Front Undershroud Panel          |
| 2    | 1        | Panel B, Middle Undershroud Panel         |
| 3    | 1        | Panel C, Rear (Service) Undershroud Panel |
| 4    | 12       | M6-1.0 SEMS Bolt, 25mm                    |
| 5    | 2        | M6-1.0 SEMS Bolt, 35mm                    |
| 7    | 4        | Nylon Spacer                              |
| 8    | 10       | M6 Threaded U-Clip                        |

## **TOOLS REQUIRED:**

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Ratchet
- 10mm Wrench/Socket

## **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.

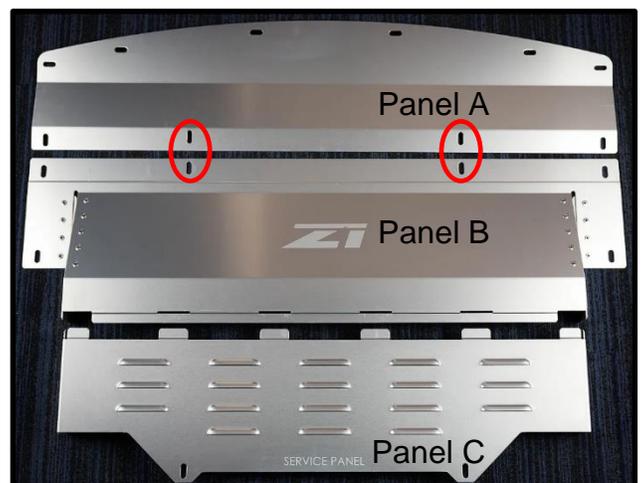
## **BEFORE YOU BEGIN:**

Remove contents from the Z1 Motorsports 350Z / G35 Aluminum Undershroud Kit and verify that ALL necessary hardware is present.

## **PROCEDURE:**

1. Assure the car's ignition is in the OFF position and the NEGATIVE (-) battery terminal is disconnected.
2. Place the transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply the parking brake.
3. Remove factory undershroud.
4. Install (10) threaded U-clips in bumper fascia and fender liner holes where undershroud bolts to.
5. Locate Panel A. Secure panel to bumper fascia by threading in the front (6) 25mm bolts.

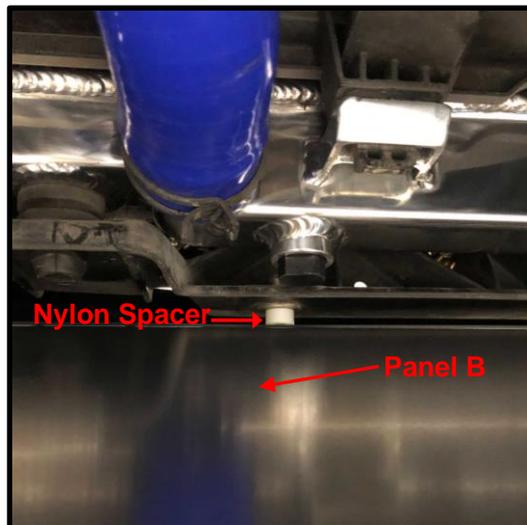
Note: Leave all bolts loosely threaded until each panel is installed. This will make installation easier.



6. Locate Panel B. Insert the front edge between Panel A and the vehicle. Panel A should overlap Panel B where they connect. Loosely thread in (1) 35mm bolt into either middle mounting hole (circled above) to hold panel in place (as shown).



7. Place a nylon spacer above the other middle mounting hole (circled above) between the undershroud panels and the vehicle. Secure with (1) 35mm bolt.
8. Remove the first 35mm bolt used in step #6. Place a nylon spacer between the undershroud and the vehicle over the same mounting hole. Secure with (1) 35mm bolt.



9. Secure the outermost mounting holes of Panel B with (4) 25mm bolts.
10. Locate Panel C. Install Panel C by sliding teeth of Panel C into corresponding slots on Panel B, then swing Panel C up. Place the last (2) nylon spacers between the rear mounting holes of Panel C and the vehicle. Secure with (2) 25mm bolts.
11. Once all panels are in place, tighten all hardware securing the undershroud to vehicle and assure fender liners and bumper covers are properly secured.
12. Inspect vehicle for loose tools/items.
13. Properly lower vehicle from jack stands.
14. Perform a final test drive of vehicle.

**END**

**Additional Technical Support:**

Contact Z1 Motorsports at [info@z1motorsports.com](mailto:info@z1motorsports.com)

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