

# Z1 370Z / G37 ALUMINUM UNDERSHROUD INSTALLATION MANUAL



This Installation Manual is intended for the following models:	
2009-2020	Nissan 370Z (Non-NISMO)
2007-2008	Infiniti G35 Sedan
2008-2013	Infiniti G37
2014-2015	Infiniti Q40
2014-2016	Infiniti Q60

## 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 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 Undershroud Panel
4	15	M6-1.0 Bolts, 25mm
5	2	M6-1.0 Bolts, 35mm
6	4	M6 Push Lock Washers
7	2	Nylon Spacers
8	6	Replacement U-Clips
9	4	M6 Rivet Nuts
10	1	M6 Riv-Nut Tool

## **TOOLS REQUIRED:**

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Ratchet
- 10mm Wrench/Socket
- 14mm Wrench/Socket
- 17mm Wrench/Socket
- 25/64" (10mm) Drill Bit

## **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:**

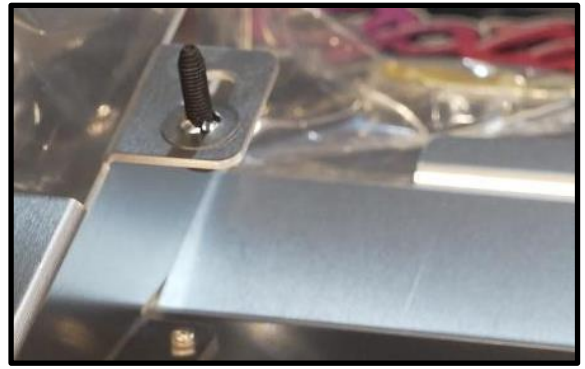
Remove contents from the Z1 Motorsports Aluminum Undershroud and verify that ALL necessary hardware is present.

## **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. Locate proper jacking points on vehicle's chassis (refer to vehicle's Owner Manual). Raise and support vehicle using jack & jack stands.
4. Install 35mm bolts into the rear of panel C. Place (1) nylon spacer over each bolt, then place (1) M6 push lock washer over each bolt to secure them to undershroud. This will keep the spacer and bolt in place during install (as shown).



5. Install 25mm bolt into rear (2) holes in panel B, then place (1) M6 push lock washer over each bolt to secure them to the undershroud. This will keep the bolt in place during install (as shown).
6. Remove factory undershroud by removing the (3) push clips located at the center of the undershroud as well as the (14) 10mm bolts fastening the undershroud to the vehicle.



7. Locate (3) holes in the aluminum support which need to be drilled (as shown).
8. Using a 10mm (or 25/64") drill bit, drill out (3) holes in the aluminum support.



9. Install M6 rivet nuts into each of these holes using the supplied Riv-Nut tool.



10. Install Panel A onto front bumper using supplied hardware.

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

11. Install panel B by slipping it above panel A and fastening it to both panel A and your factory fender liners using the supplied hardware.

Tip: It is easiest to thread the (2) bolts at the rear of this panel first, then move to installing the rest of the hardware on this panel.

12. Install Panel C by sliding teeth of panel C into corresponding slots on panel B, then swing panel C up and install rear (2) bolts.

13. Once all panels are in place, tighten all hardware securing the undershroud to vehicle.

14. Properly lower vehicle from jack stands.

**END**

15. Inspect vehicle for loose tools/items

16. Perform a final test drive of vehicle.

**Additional Technical Support:**  
 Contact Z1 Motorsports at [info@z1motorsports.com](mailto:info@z1motorsports.com)  
 Or call 770-838-7777 between 9am and 6pm ET