

# Q50 / Q60 AWD UNDERSHROUD INSTALLATION MANUAL



This Installation Manual is intended for the following models:

2016-Present	Infiniti Q50 AWD
2017-Present	Infiniti Q60 AWD

## 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 Q50 / Q60 AWD Undershroud Kit, consult with a Professional Mechanic or contact Z1 Motorsports for more information.

## **PARTS INCLUDED:**

Item	Quantity	Description
1	1	Panel A, Front Panel
2	1	Panel B, Main Panel
3	1	Panel C, Service Panel
4	19	M6 x 20mm SEMS Screw
5	6	M6 Threaded U-Clip
6	4	M6 Rivet Nut
7	1	M6 Riv-Nut Tool Kit
8	4	M6 x 16mm Flanged Head Bolt

## **TOOLS REQUIRED:**

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

## **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 Q50 / Q60 AWD Undershroud 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 the parking brake.
2. Locate proper jacking points on vehicle's chassis (refer to vehicle's Owner Manual). Raise and support vehicle using jack & jack stands.
3. Remove factory undershroud by removing (3) push clips located at the center of the undershroud as well as the (14) 10mm bolts fastening the undershroud to the vehicle.
4. Locate (3) holes in the aluminum support which need to be drilled (as shown).
5. Using a 10mm (or 25/64") drill bit, drill out (3) holes in the aluminum support.



6. Install (3) M6 rivet nuts into each of these holes using the supplied Riv-Nut tool.



7. Install Panel A (Front Panel) onto front bumper using supplied M6 SEMS bolts.

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

8. Install Panel B (Main Panel) by slipping it above Panel A and fastening it to both Panel A and your factory Fender Liners using supplied M6 SEMS bolts.

Tip: It is easiest to thread the (4) bolts at the rear of this panel first, then move to installing the rest of the hardware.

9. Install Panel C (Service Panel) by sliding teeth of Panel C into corresponding slots on Panel B, then swing Panel C up and secure with the (2) supplied flanged bolts.
10. Once all panels are in place, tighten all hardware securing the undershroud to vehicle.
11. Assure all bolts are securely tightened. Inspect vehicle for loose components or issues.
12. Lower vehicle from jack stands.

**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