

# Z1 G37X URETHANE TRANSMISSION MOUNT INSTALLATION MANUAL



|  |                     |
|--|---------------------|
| This Installation Manual is intended for the following models: |                     |
| 2008-2013  | Infiniti G37X Coupe |
| 2009-2013  | Infiniti G37X Sedan |

## 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 G37X Urethane Transmission Mount, consult with a Professional Mechanic or contact Z1 Motorsports for more information.

## **PARTS INCLUDED:**

| Item | Quantity | Description                                  |
|------|----------|--|
| 1    | 1        | Z1 G37X Urethane Transmission Mount Assembly |

## **TOOLS REQUIRED:**

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Ratchet
- Ratchet Extension(s)
- 14mm Socket/Wrench
- 15mm Socket/Wrench
- Torque Wrench
- Channel Lock Pliers

## **SAFETY REQUIREMENTS:**

- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always turn the ignition to the OFF position and disconnect the NEGATIVE battery terminal.
- 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:**

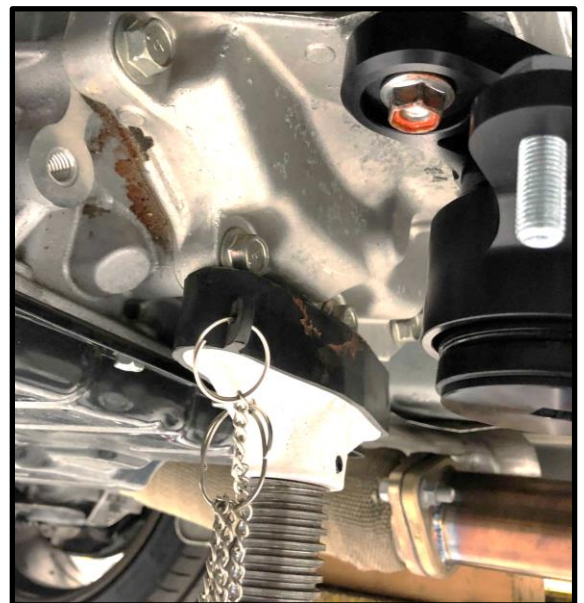
Remove contents from the Z1 Motorsports G37X Urethane Transmission Mount and verify that ALL necessary hardware is present.

## **PROCEDURE:**

1. Place the transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply the parking brake.
2. Locate proper jacking points on vehicle's chassis (refer to vehicle's Owner Manual). Raise and support vehicle using jack & jack stands.
3. Using either a floor jack, transmission jack, or other suitable supporting method, remove the weight of the transmission from the cross member (as shown). DO NOT place the jack on the transmission oil pan.

Note: Do not raise the transmission, just apply pressure with jack to prevent the transmission from sagging after the crossmember is removed.

Note: Picture at right is of a RWD model and shown with the transmission crossmember already removed. The process is the same on AWD models. Ensure the jack is supporting the transmission before removing the crossmember.



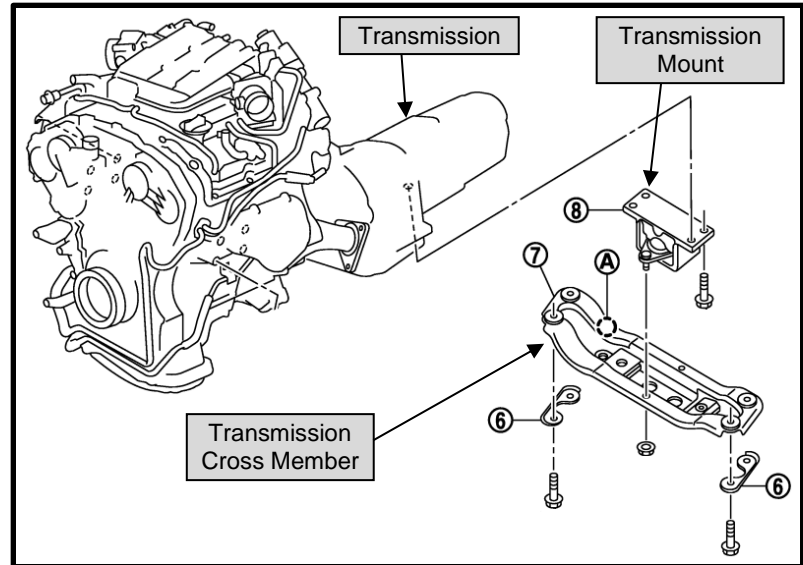
- Remove the (4) bolts and (2) nuts securing the transmission cross member to vehicle. Remove the cross member and set aside.

Note: Retain all hardware as it will be reused.

- Remove the (4) bolts securing the OEM transmission mount to the transmission. Remove the old transmission mount.

Note: Retain the bolts as they will be reused.

- Locate the new Z1 Transmission Mount.
- Attach the Z1 mount to the transmission using the OEM hardware removed in step #5. Torque bolts to 36ft-lbs.



- Locate transmission cross member. Reattach cross member to Z1 mount using the (2) nuts removed in step #4. There is an arrow on the top of the cross member that will point to the front of the vehicle once installed.

Note: **DO NOT** fully tighten the nuts yet. Leave them loose so the cross member can pivot slightly to line up the cross member and mounting holes on the chassis.

- Reattach cross member to chassis using the (4) bolts removed in step #4.

Note: If the outer holes on the cross member aren't lining up perfectly, try raising or lowering the jack on the transmission by a small amount. This may help line up the mounting holes and ensure the bolts do not get cross threaded.

- Torque all nuts and bolts on cross member to 36ft-lbs.
- Inspect vehicle for loose tools/items
- Remove the transmission jack.
- Properly lower vehicle from jack stands.
- 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