

# Z1 VHR FACTORY OIL COOLER DELETE HOSE INSTALLATION MANUAL



This Installation Manual is intended for the following models:	
2012+	Nissan 370Z
2014-2015	Infiniti Q50
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 VHR Factory Oil Cooler Delete Hose, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

## **PARTS INCLUDED:**

Item	Quantity	Description
1	1	Oil Cooler Delete Hose
2	1	Oil Filter Stud

## **TOOLS REQUIRED:**

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Pliers

## **SAFETY REQUIREMENTS:**

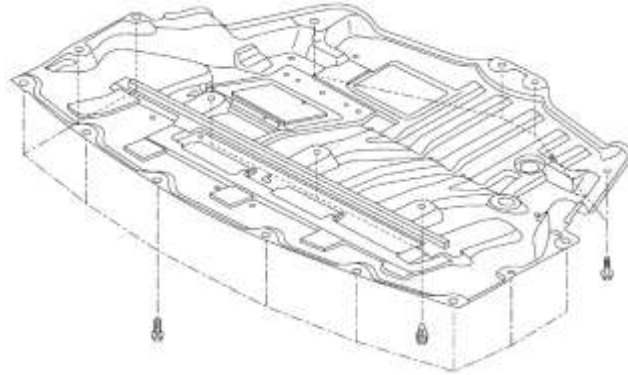
- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always turn the ignition to the OFF position and disconnect the NEGATIVE battery terminal.
- Always use properly rated jack stands when working under your vehicle.
- 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 VHR Factory Oil Cooler Delete Hose 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 and jack stands.
3. Remove the Lower Engine Splash Shield/Undershroud if equipped. The OE Splash Shield will be secured with a combination of plastic clips and bolts. *Figure 1.*



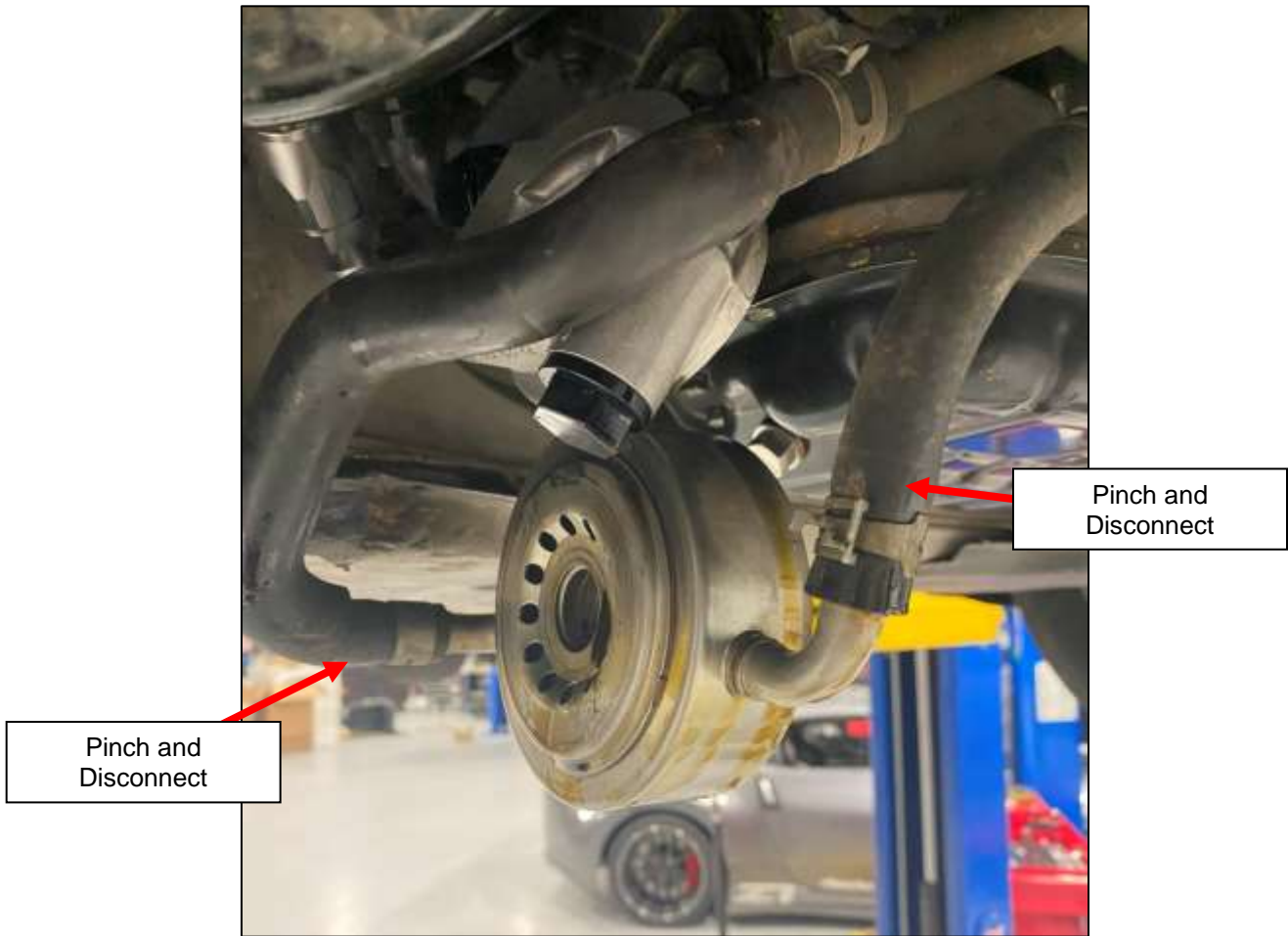
*Figure 1*

4. Allow the Engine to cool if it was recently ran.
5. If you are **NOT** removing the OE Oil Cooler and simply bypassing it, skip to *Step 7*. If you are removing the OE Oil Cooler, remove the Oil Filter from the vehicle. Drain and collect Oil if you are performing an Oil Change at this time as well.
6. Remove the Oil Cooler Bolt with a Hex/Allen Key and allow the Oil Cooler to hang. *Figure 2.*



*Figure 2*

7. Pinch/Clamp the OE Rubber Coolant Lines on the OE Oil Cooler. *Figure 3.*
8. Disconnect the Rubber Coolant Lines from the Oil Cooler and discard the Oil Cooler. Be careful as some Coolant will leak out and may be hot. Collect and clean all spilled Coolant. *Figure 3.*



*Figure 3*

9. Remove the OE Rubber Hoses. Coolant will leak out so be prepared to catch Coolant. Retain (2) two of the OE Hose Clamps.
10. Locate the Z1 Oil Cooler Delete Hose. Position it on the OE Coolant Lines as shown below and secure with (2) two of the OE Hose Clamps. *Figure 4.*



*Figure 4*

11. If you removed the OE Oil Cooler, follow the instructions with your Oil Cooler Sandwich Plate to install the rest of the components. If you are not adding a sandwich plate, install the included OEM into the Engine Block. Torque the Oil Stud to **36 ft-lbs.**
12. If you did not remove the OE Oil Cooler, cap off the Cooler Ports to prevent debris from getting inside.
13. Install/reinstall an Oil Filter on the Vehicle.
14. Refill Engine Oil to factory specifications.
15. Refill and bleed the Coolant System.
16. Reinstall the OE Splash Shield/Undershroud.

**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