

# Z1 FLYWHEEL/FLEX PLATE INSTALL TOOL INSTALLATION MANUAL

**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 Flywheel/Flex Plate Install Tool, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

## **PARTS INCLUDED:**

Item	Quantity	Description
1	1	Install Tool
2	2	Long Spacer
DE Engines		
3	1	M12 x 1.75 Flange Nut
VG30 Engines		
4	1	Short Spacer
5	1	M10 x 1.5 Bolt, 40mm

## **TOOLS REQUIRED:**

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Ratchet
- Ratchet Extension(s)
- Assorted Metric Wrenches
- Assorted Metric Sockets
- 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.

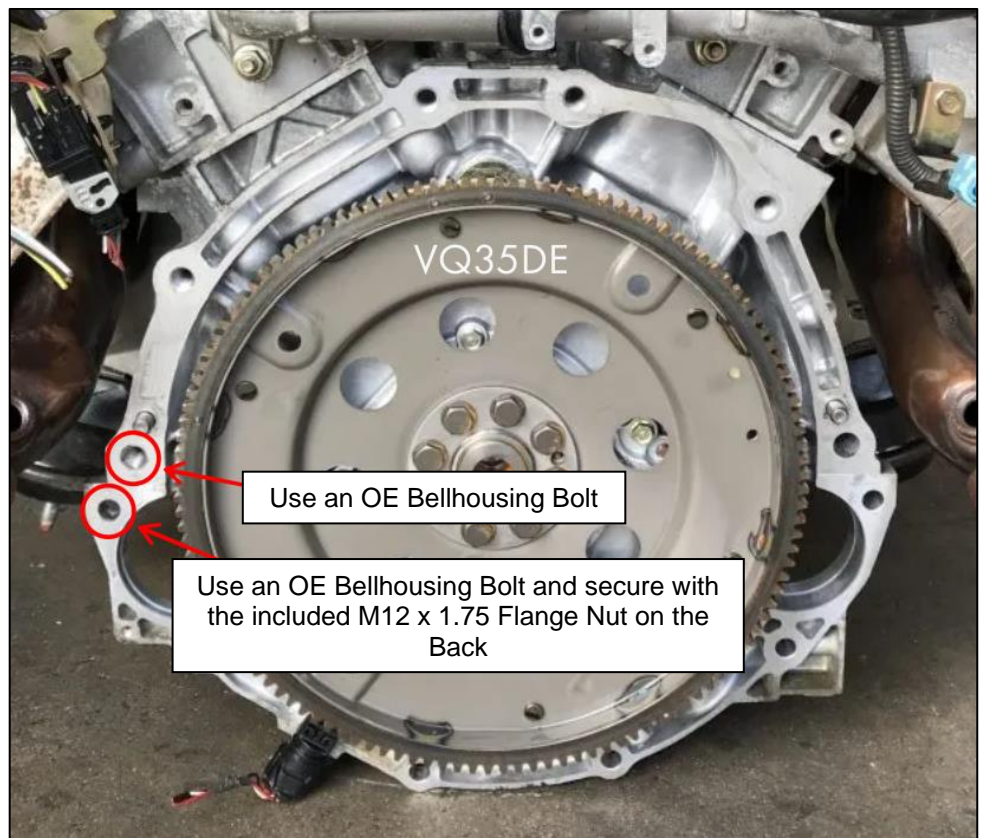
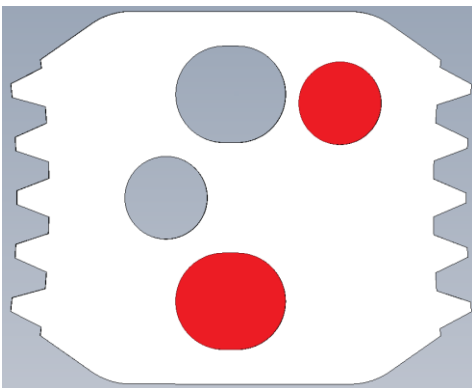
## **BEFORE YOU BEGIN:**

Remove contents from the Z1 Motorsports Flywheel/Flex Plate Install Tool and verify that ALL necessary hardware is present.

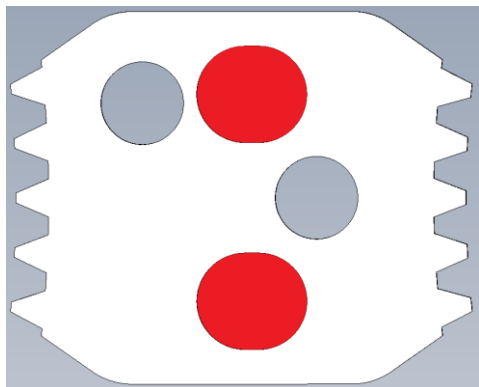
## **PROCEDURE:**

1. The Transmission must be removed to use this Tool. Refer to your Factory Service Manual (FSM) to remove this.
2. Locate all hardware. Depending on what vehicle you own will determine which hardware is included and where the Install Tool is mounted.
  - **DE:** Install Tool, NUT, Long Spacers
  - **HR/VHR:** Install Tool, Long Spacers
  - **VR30:** Install Tool, Long Spacers
  - **VG30:** Install Tool, M10 x 1.5 Bolt, 40mm, Short Spacer
  - **VQ40/VQ38:** Install Tool, Long Spacers
3. Use the Figures below to determine where to mount the Install Tool on the Engine Block. Insert the Teeth of the install tool between the Teeth of the Flywheel and secure with either the OE Bellhousing Bolts or the supplied hardware. Use the Spacers between the Engine Block and the Install Tool. VG30 Owners will use the Small Spacer instead of the Long Spacers.

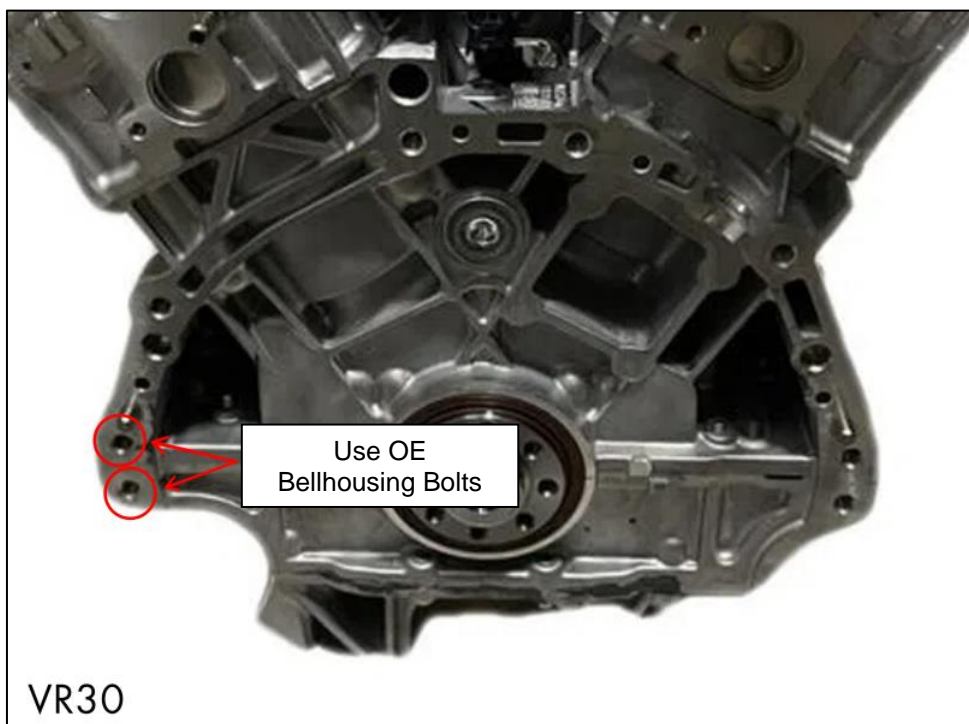
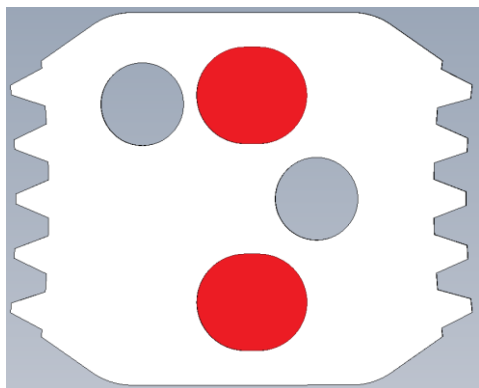
## **DE:**



## HR/VHR:

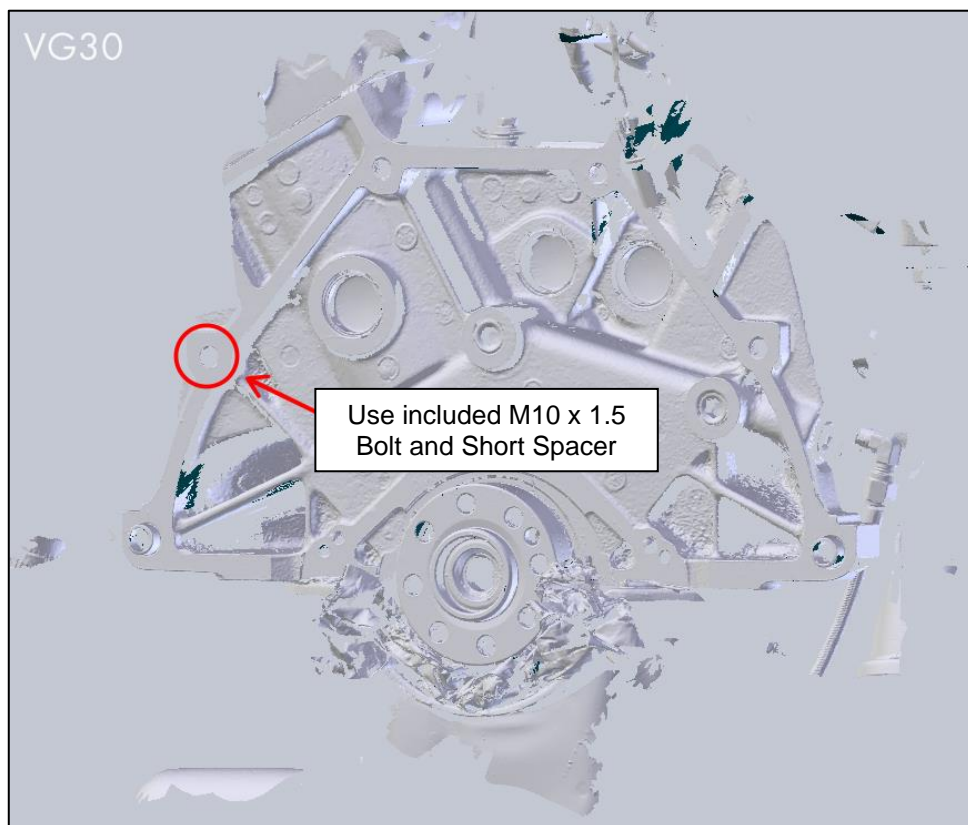
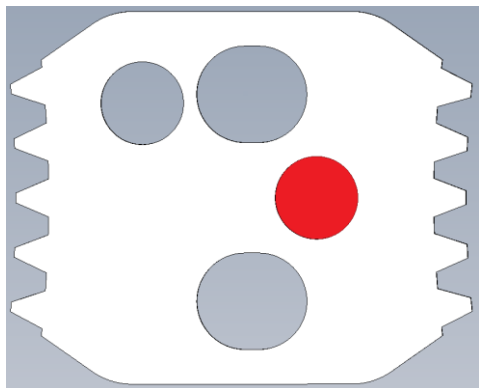


## VR30:

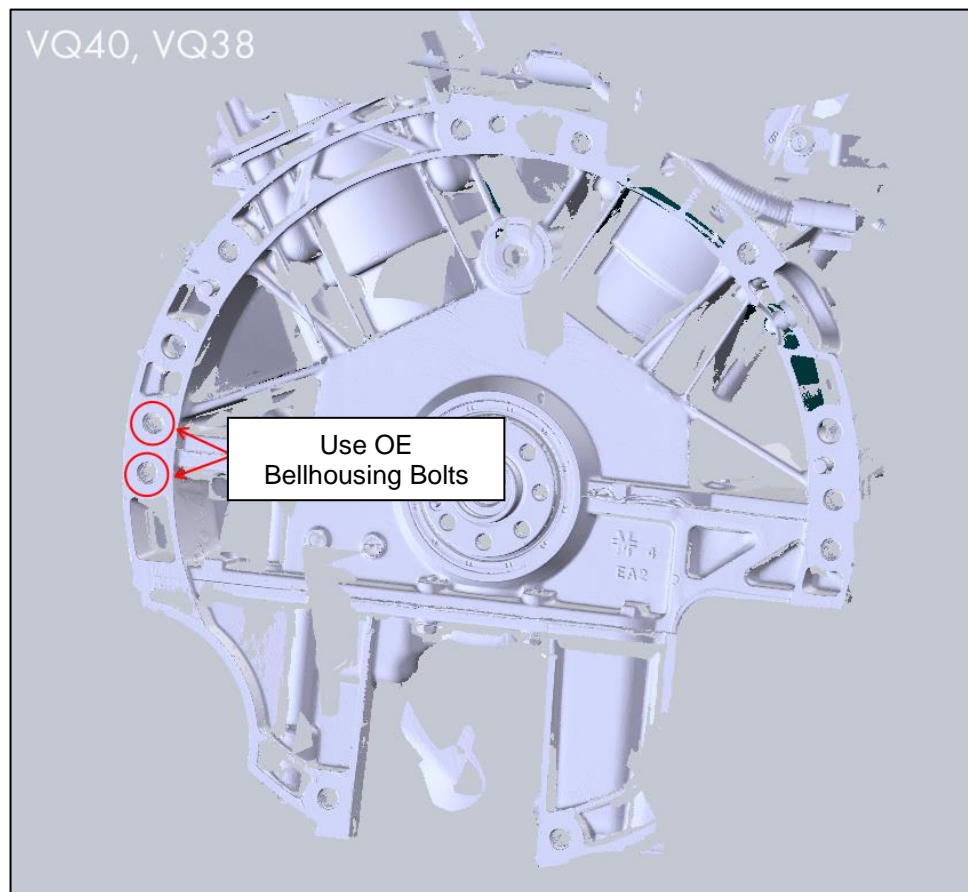
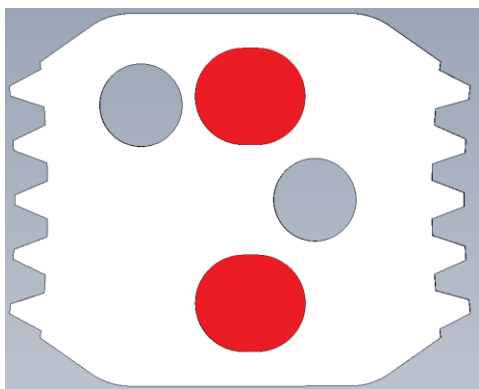




### VG30:



### VQ40/VQ38:



**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