

2022 CHEVROLET CORVETTE SERVICE MANUAL

- SEARCH

1. Engine/Propulsion

2. Engine Mechanical - 6.2L (LT2)

3. Repair Instructions

- 4.

Engine Mount Inspection

Caution:

Broken or deteriorated mounts can cause misalignment and destruction of certain drive train components. When a single mount breaks, the remaining mounts are subjected to abnormally high stresses.

1. Observe the engine movement at the engine mount in order to check for excessive movement of the mount.
2.
 1. Apply the park brake.
 2. Start the engine.
 3. Firmly apply and hold the primary brakes.
 4. Have an assistant stand to the side of the vehicle in order to observe for engine movement.
 5. Slightly load the engine, shifting from drive to reverse a few times.
3. If the engine appears to have excessive movement from the rest position in any direction, check for loose, or missing engine mount bolts in the following locations:
4.
 - Engine mount to engine
 - Engine mount bracket to frame
 - Engine mount to engine mount bracket
5.
 1. Verify engine mount bolt torque is within specifications.
2.
 - Engine Mount Replacement - Left Side
 - Engine Mount Replacement - Right Side
3. If an engine mount bolt is missing, replace the bolt.
4.
 - Engine Mount Replacement - Left Side
 - Engine Mount Replacement - Right Side
6. Check the condition of the engine mount and replace if any of the following conditions exist:
7.
 - Heat check cracks cover the rubber cushion surface.
 - The rubber cushion is separated from the metal plate of the mount.
 - There is a split through the rubber cushion.