

2022 CHEVROLET CORVETTE SERVICE MANUAL

- [SEARCH](#)

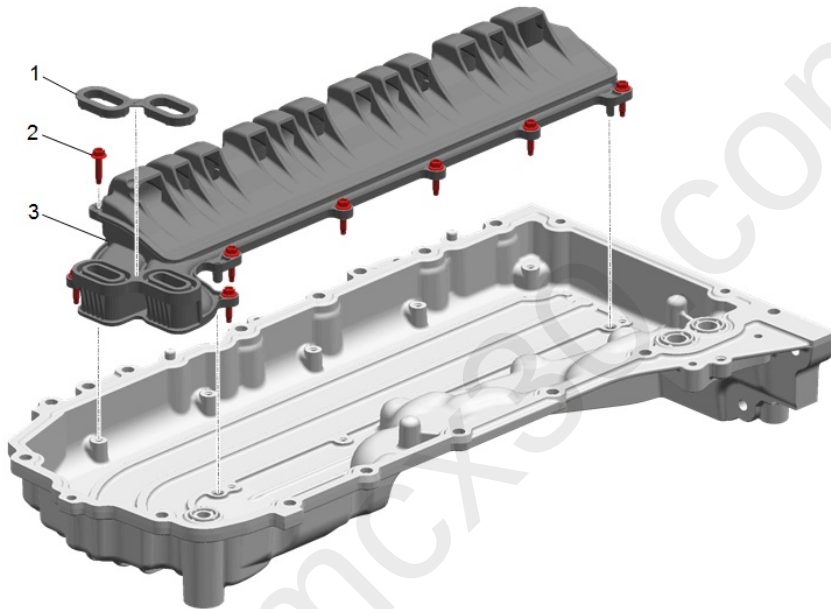
1. [Engine/Propulsion](#)
2. [Engine Mechanical - 6.2L \(LT2\)](#)
3. [Repair Instructions](#)
- 4.

Oil Pan Overhaul

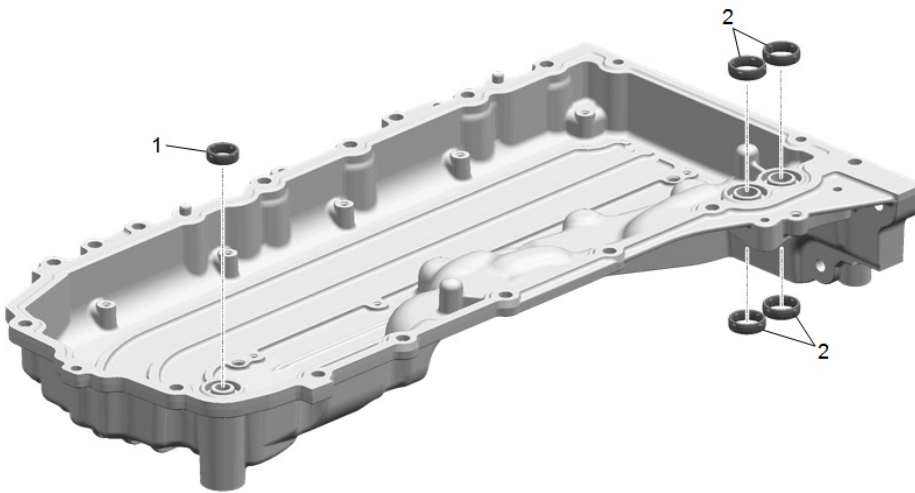
Removal Procedure

Oil Pan >> Remove - Oil Pan Replacement

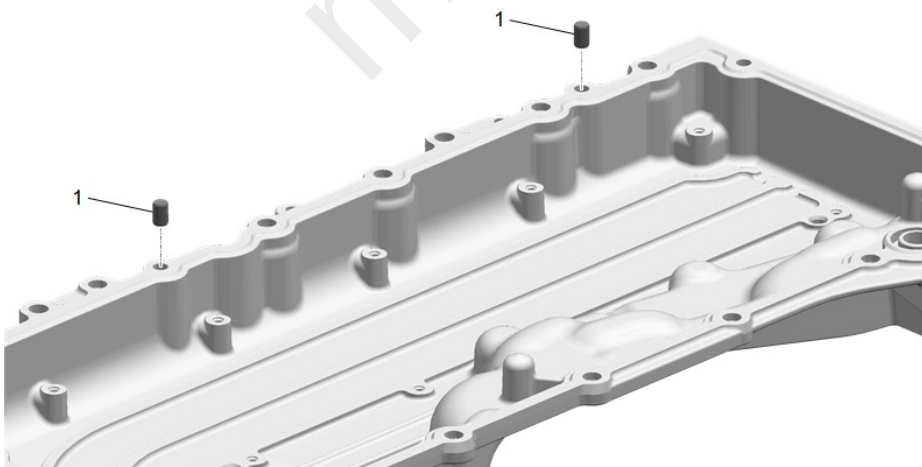
Disassemble Procedure



1. [Click here for full size](#)
2. Oil Pump Gasket (1) >> Remove and DISCARD
3. Crankshaft Oil Deflector Bolt (2) >> Remove [13x]
4. Crankshaft Oil Deflector (3) >> Remove



5. [Click here for full size](#)
6. Oil Pan Gasket (1) >> Remove and DISCARD
7. Oil Pan High Pressure Port Seal (2) >> Remove and DISCARD [4x]



8. [Click here for full size](#)
9. Oil Pan Locating Pin (1) >> Remove [2x]

Oil Pan Cleaning Procedure

1. Note:

Ensure proper use of room temperature vulcanizing (RTV) sealant. Use of Room Temperature Vulcanizing (RTV) and Anaerobic Sealant

2. Remove any old thread sealant, gasket material or sealant using. Replacing Engine Gaskets

3. Clean the oil pan and oil pan components in solvent.

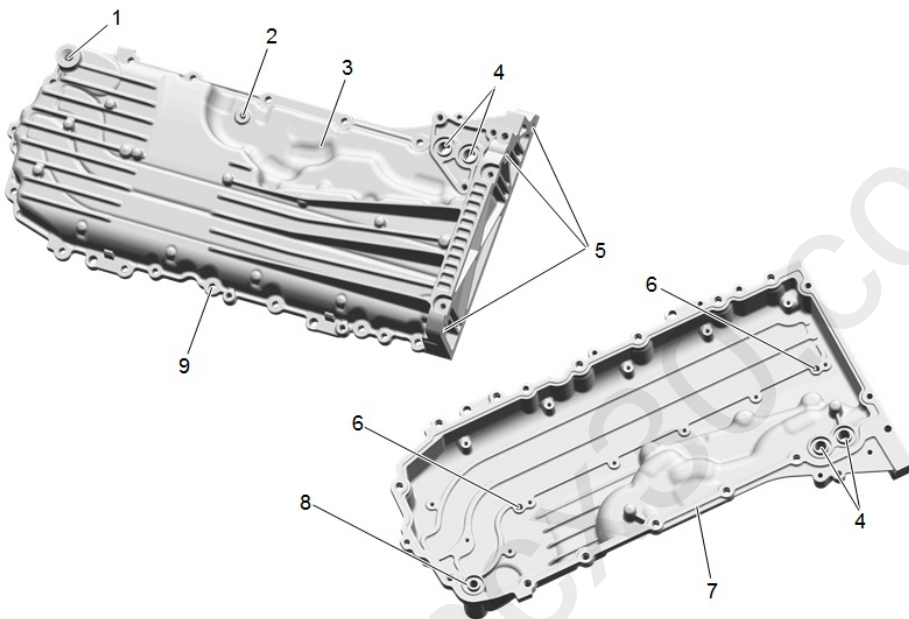
4. Clean out debris from the bolt holes.

5. Warning:

Refer to Safety Glasses Warning.

6. Dry the oil pan and oil pan components with compressed air.

Oil Pan Inspection Procedure



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1. Inspect the oil pan for the following conditions:

2.

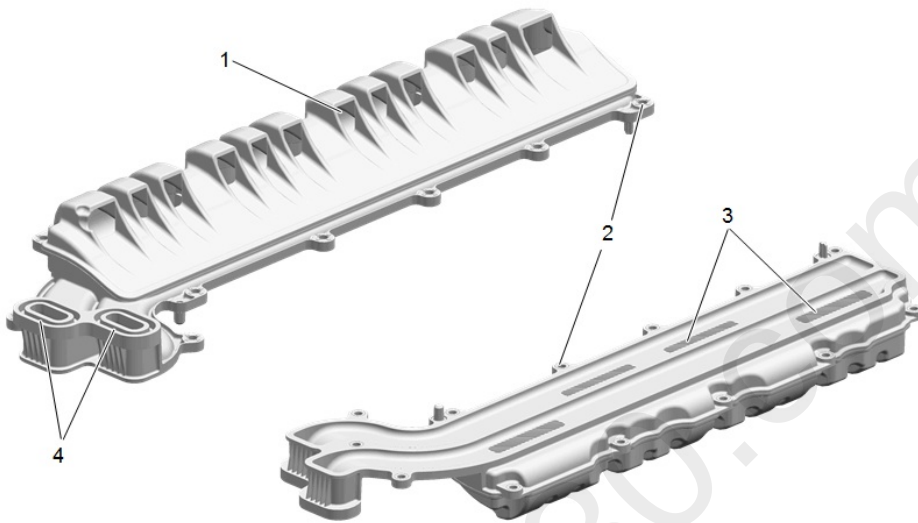
- Damage to the oil drain plug threads (1)
- Damage to the engine oil cooler mounting hole (2)
- Damage to the engine oil cooler mounting surface (3)
- Damage to the oil pan high pressure port sealing surfaces (4)
- Damage to the transmission case mounting holes (5)
- Damage to the oil pan deflector mounting holes (6)
- Gouges or damage to the oil pan sealing surfaces (7)
- Damage to the oil pan gasket area (8)
- Damage to the oil pan mounting holes (9)

3. Repair or replace the oil pan and/or oil pan components as necessary.

Crankshaft Oil Deflector Cleaning Procedure

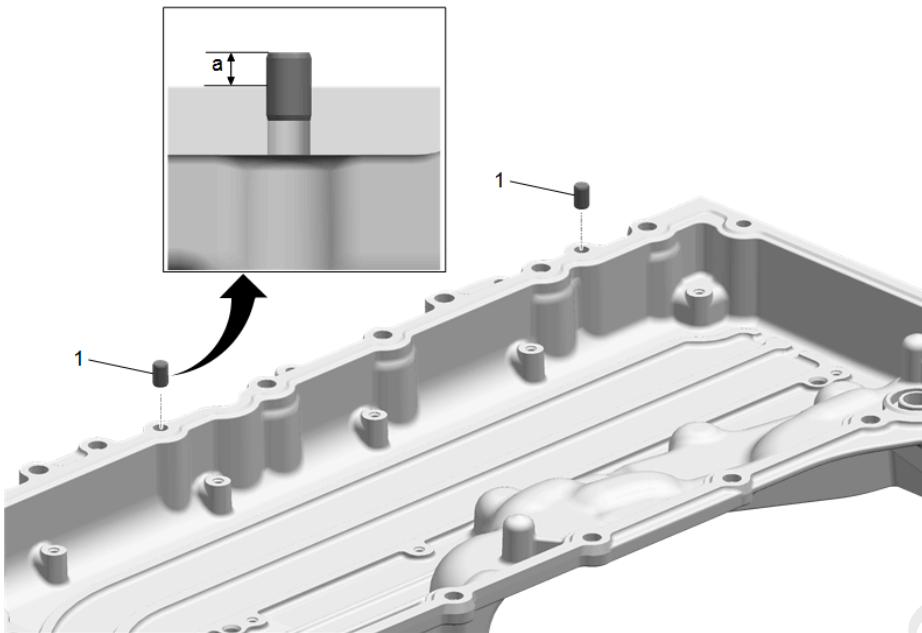
1. Clean the crankshaft oil deflector with appropriate cleaner.
2. Warning:
Refer to Safety Glasses Warning
3. Dry the crankshaft oil deflector with compressed air.

Crankshaft Oil Deflector Inspection Procedure

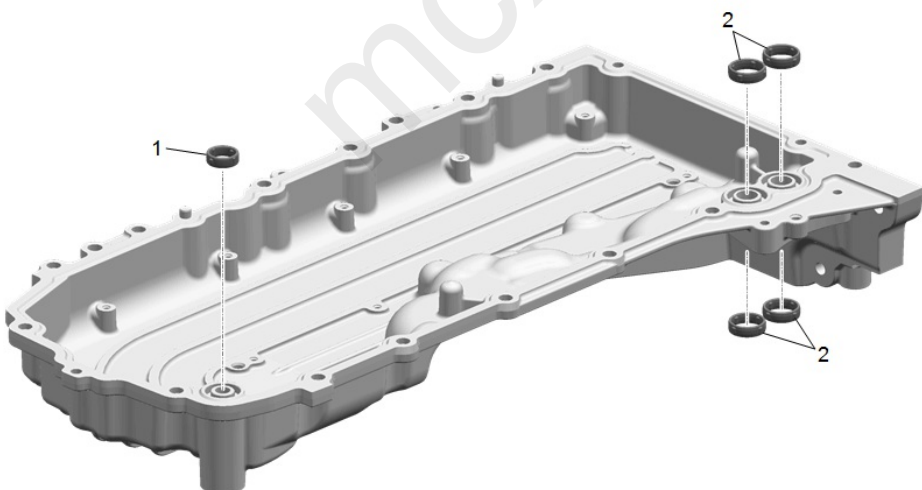


1. [Click here for full size](#)
2. Inspect the inlet ports (1) for debris, cracks, imperfections and/or damage.
3. Inspect the bolt holes and mounting surface (2) for cracks, imperfections, damage, and/or possible leakage paths.
4. Inspect the screens (3) for debris, cracks, imperfections and/or damage.
5. Inspect the sealing (4) for cracks, imperfections and/or damage.

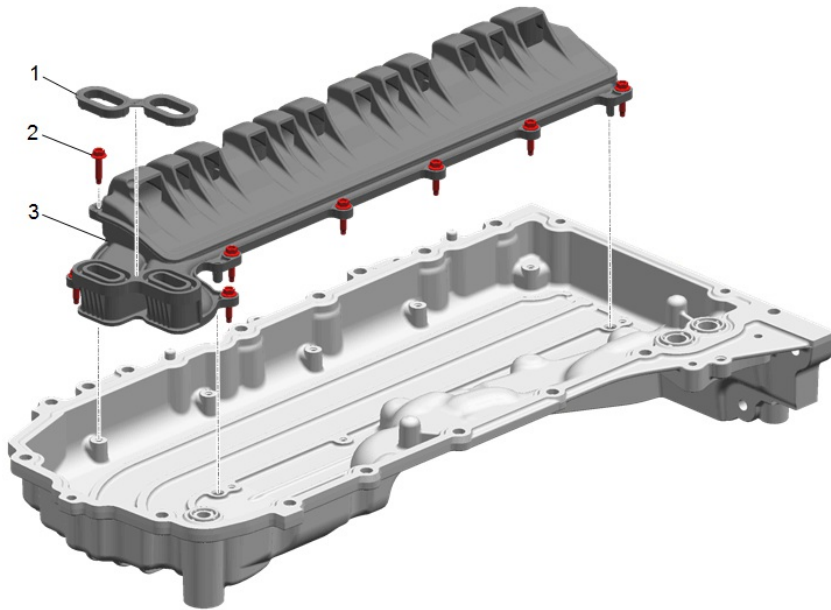
Assemble Procedure



1. [Click here for full size](#)
2. Press fit the oil pan locating pins (1) into the oil pan, ensure that 6.5 mm (0.255 in) (a) of the oil pan locating pin protrudes from the oil pan as shown.



3. [Click here for full size](#)
4. Oil Pan Gasket (1) >>> Install NEW
5. Oil Pan High Pressure Port Seal (2) >>> Install NEW [4x]



6.
Click here for full size
7. Oil Pump Gasket (1) >> Install NEW
8. Crankshaft Oil Deflector (3) >> Install
9. Caution:
Refer to Fastener Caution.
10. Crankshaft Oil Deflector Bolt (2) >> Install and tighten [13x]8.5 N-m (75 lb in)

Installation Procedure

Oil Pan >> Install - Oil Pan Replacement