

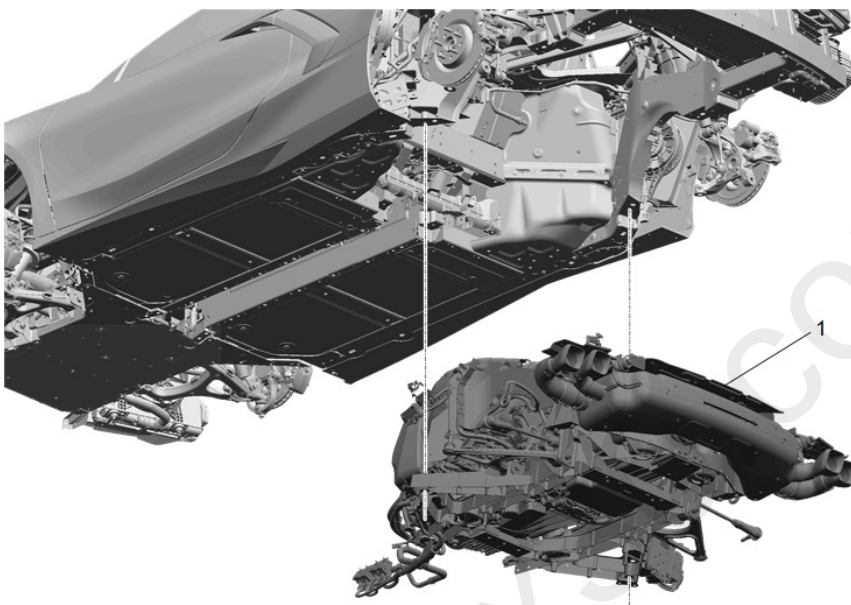
2022 CHEVROLET CORVETTE SERVICE MANUAL

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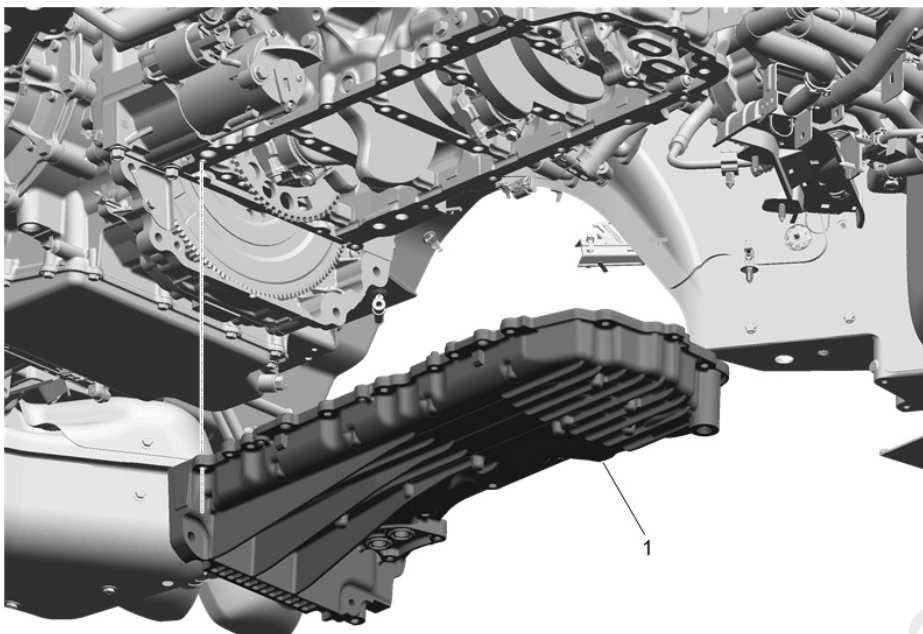
1. [Engine/Propulsion](#)
2. [Engine Mechanical - 6.2L \(LT2\)](#)
3. [Repair Instructions](#)
- 4.

Oil Pump Replacement

Removal Procedure

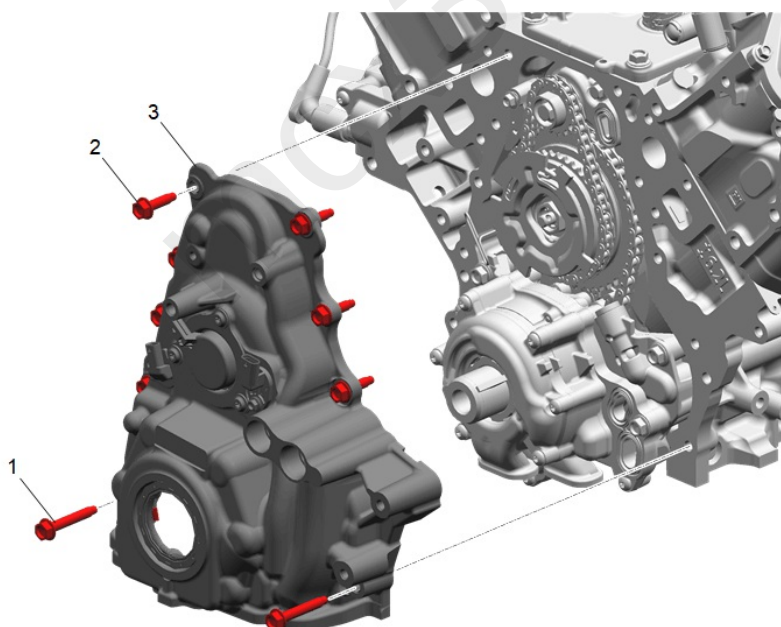


1. [Click here for full size](#)
2. Engine (1) >> Remove - Engine Replacement



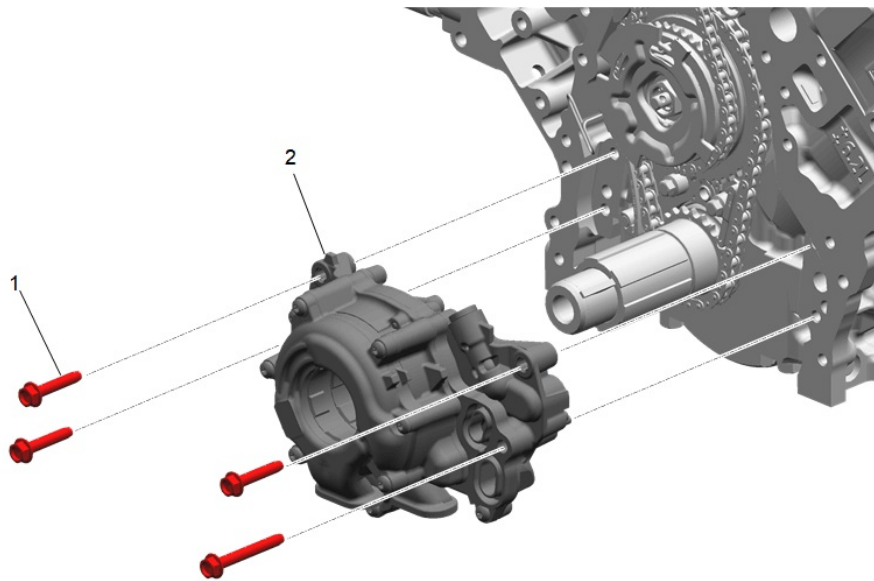
3.
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4. Oil Pan (1) >> Remove - Oil Pan Replacement



5.
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6. Engine Front Cover (3) >> Remove - Engine Front Cover Replacement



7. [Click here for full size](#)
8. Oil Pump Bolt (1) >> Remove [4x]
9. Oil Pump (2) >> Remove

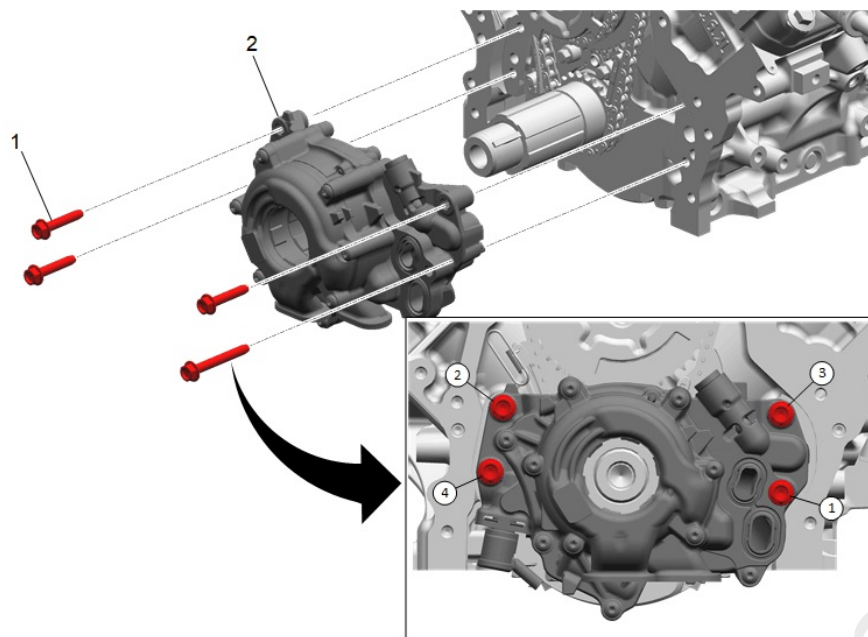
Cleaning and Inspection Procedure

1. [Click here for full size](#)
2. Note:

The internal components of the oil pump assembly are not serviced separately. If the internal oil pump components appear to be worn or damaged, replace the oil pump as an assembly.

3. Clean the exterior and passages with solvent.
4. Warning:
Refer to Safety Glasses and Compressed Air Warning.
5. Dry the components with compressed air.
6. Inspect the oil pump housings (1 and 3), intermediate housing (4), and the housing cover (2) for cracks, excessive wear, scoring, or casting/machining imperfections.
7. Inspect the oil pressure relief valve plug (5) for leaks or damage.
8. Inspect the rear housing-to-engine block oil gallery surface (6) for scratches or gouging.
9. Inspect the two pump housing-to-oil pan sealing surfaces (7 and 8) for scratches or gouging.
10. Inspect the oil pump internal oil passages for restrictions.
11. Inspect oil tank transfer tube gasket surface (9) for cracks, excessive wear, scoring, or casting/machining imperfections.
12. Inspect the driven gears (10) for chipping, galling or wear.

Installation Procedure



1. [Click here for full size](#)

2. Note:

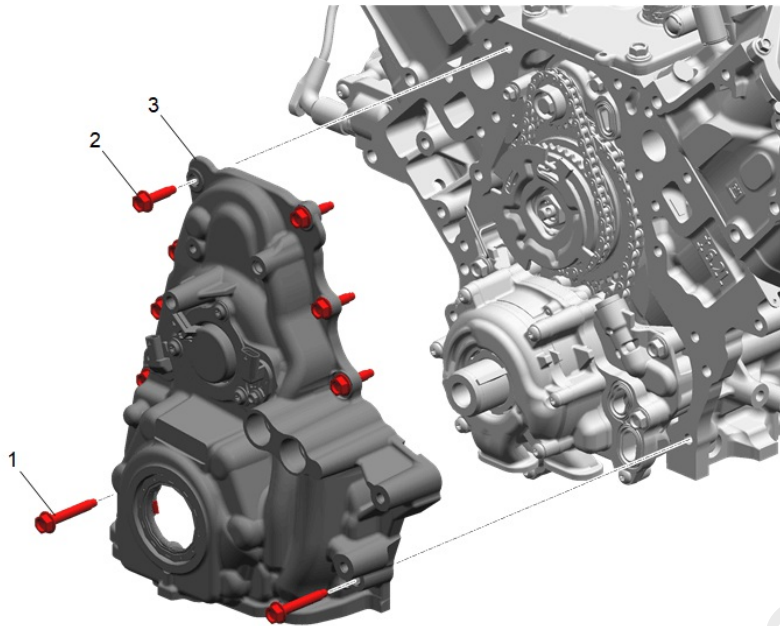
Prior to installing the oil pump, ensure that oil pump housing gasket is fully installed in the timing chain tensioner assembly and is not damaged. If the gasket is missing or damaged, replace the tensioner assembly.

3. Oil Pump (2) >> Install

4. Caution:

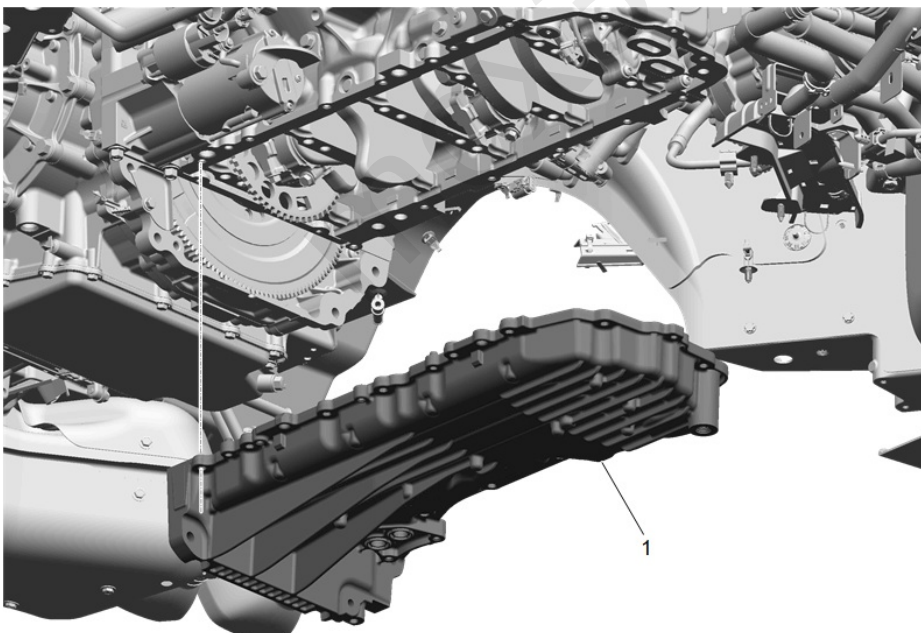
Refer to Fastener Caution.

5. Oil Pump Bolt (1) >> Install and tighten in sequence [4x]25 N-m (18 lb ft)



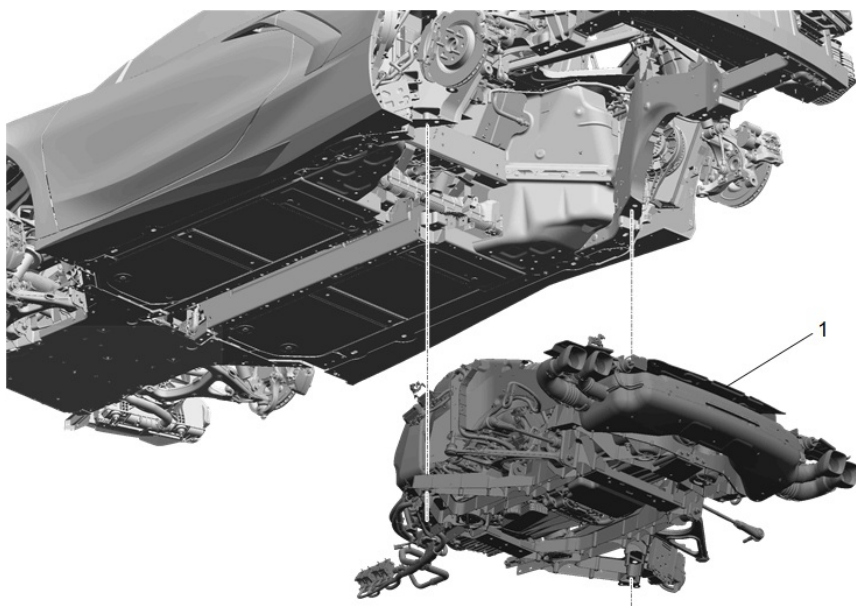
6.
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7. Engine Front Cover (3) >> Install - Engine Front Cover Replacement



8.
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9. Oil Pan (1) >> Install - Oil Pan Replacement



10.
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11. Engine (1) >> Install - Engine Replacement

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