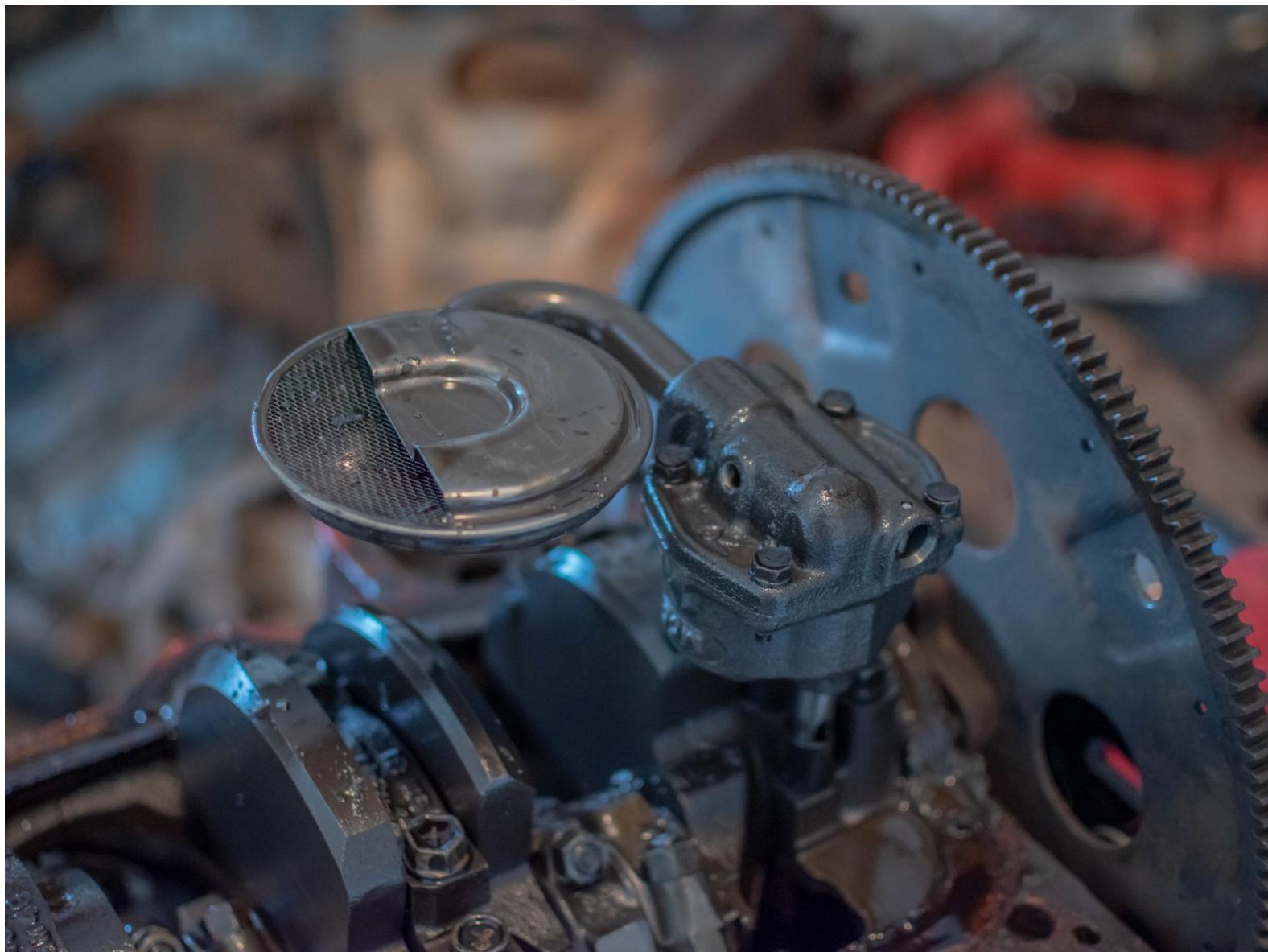




Chevy 305 Engine Oil Pump Replacement

This guide is to assist you in replacing the oil pump on a small block 305 Chevrolet engine.

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INTRODUCTION

This guide is intended for use on engines already removed from the vehicle. While this kind of work may be possible to complete with the engine still in the car, it will be much easier with the engine removed.

The oil pump serves the purpose of generating the oil pressure needed in order to circulate oil through the car. Without a properly performing oil pump you will not have a successful running engine.

TOOLS:

- 3/8" Socket (1)
- 1/2" Socket (1)
- 3/8-Inch Drive Extension Bar (1)
- 3/8" Drive Ratchet (1)
- **beer** (12)

Miller Light

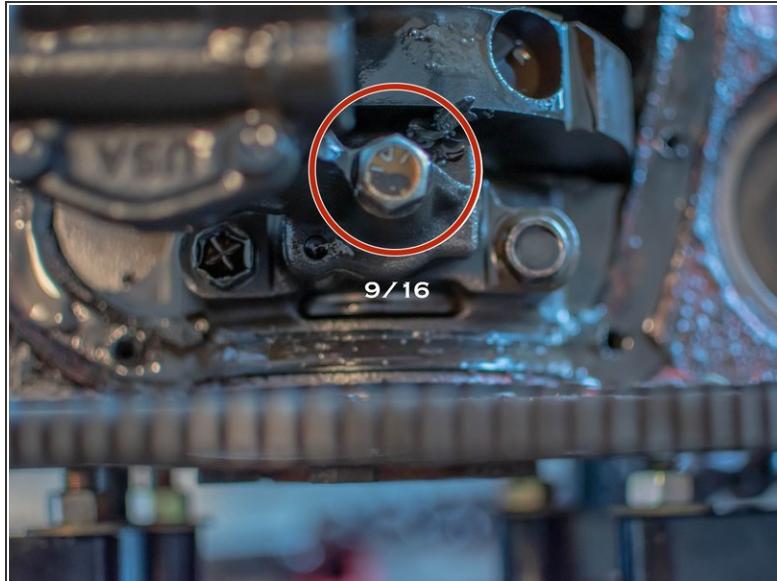
Step 1 — Oil pump



- Remove the 18 bolts holding the oil pan in place using the 3/8 and 1/2 sockets, 6 inch extension and 3/8 ratchet.
- *(i)* Fourteen 3/8 bolts around the perimeter and four 1/2 bolts on each corner
- Lift the oil pan up and forward so the oil pump pick up will clear the baffle.

⚠ Do not remove the oil pan gasket yet.

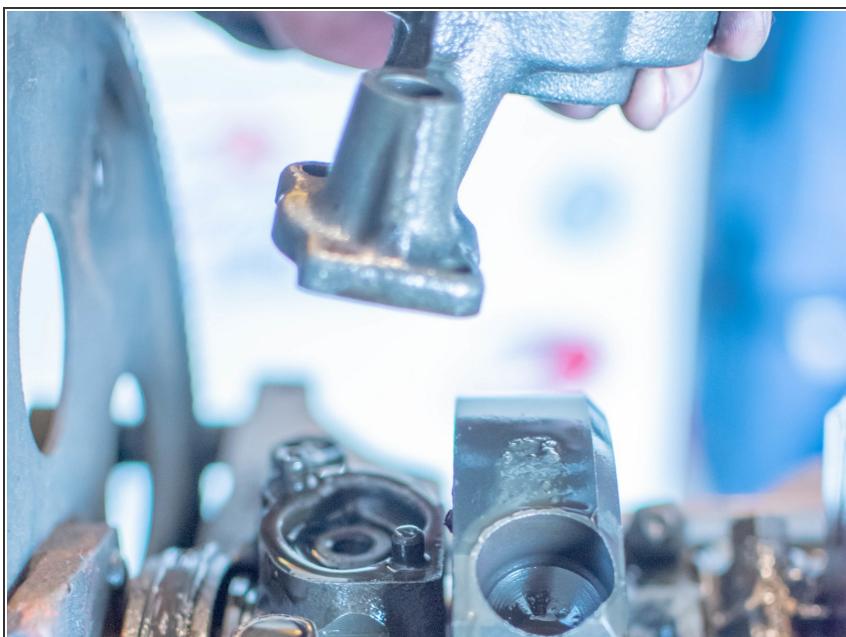
Step 2



- Remove the single 9/16 bolt holding the oil pump in place.

⚠ Using a rubber mallet to break loose, gently tap on the side of the base of the pump indicated by the arrow. DO NOT HIT THE TOP OF THE PICK UP TUBE AND SCREEN. This can potentially damage the pick up tube or screen.

Step 3



- Pull straight up from the base of the oil pump to remove.
- Replace with a new oil pump.

To reassemble your device, follow these instructions in reverse order. Torque oil pump bolt to 60-70ft.-lbs. Torque oil pan bolts to 12ft.-lbs.