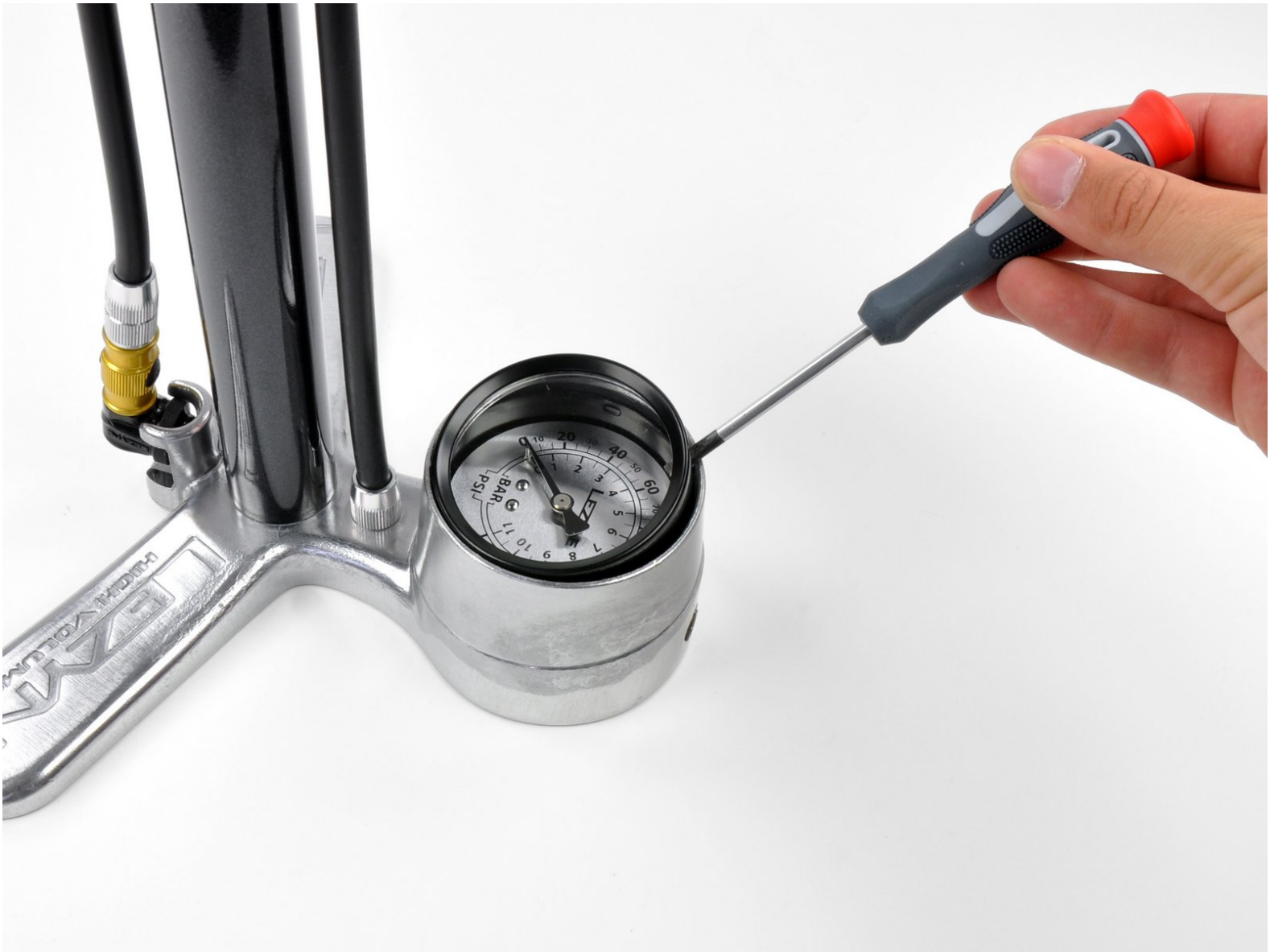
Floor Pump Gauge Replacement

Replace the pressure gauge in your classic floor drive pump.

Written By: iRobot



INTRODUCTION

Replace the pressure gauge in your classic floor drive pump if the gauge appears to be inaccurate, is malfunctioning or has stopped working all together.

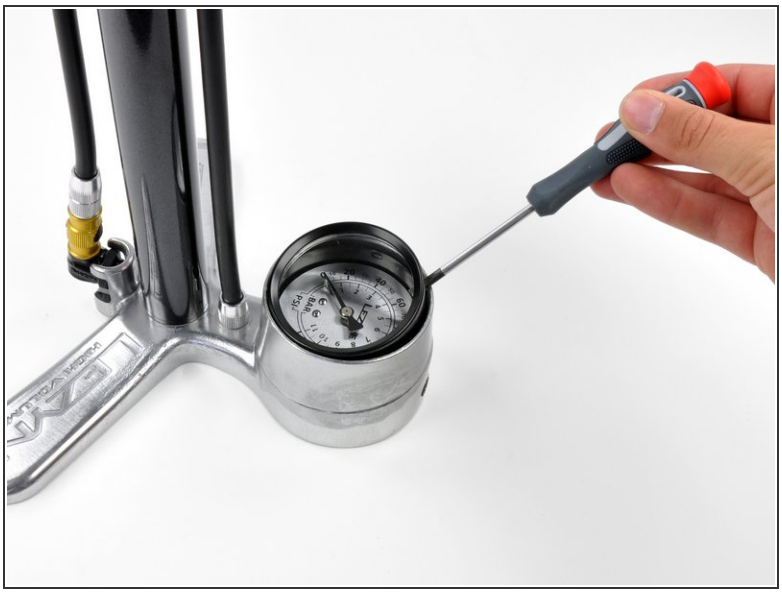
TOOLS:

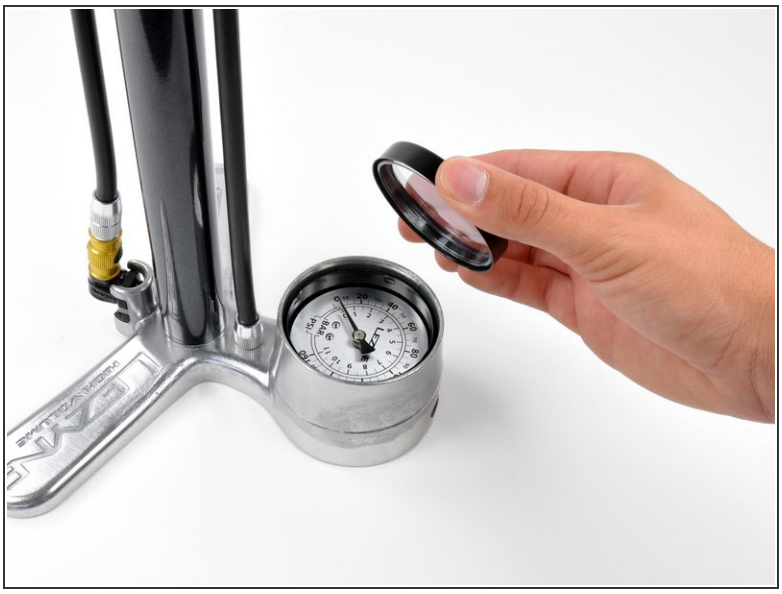
- Flathead Screwdriver (1)
- Loctite (1)
  Green, 290
- Large Needle Nose Pliers (1)

PARTS:

- Replacement Classic Floor Drive Pump Gauge (1)
  0-160 psi | 0-11 BAR

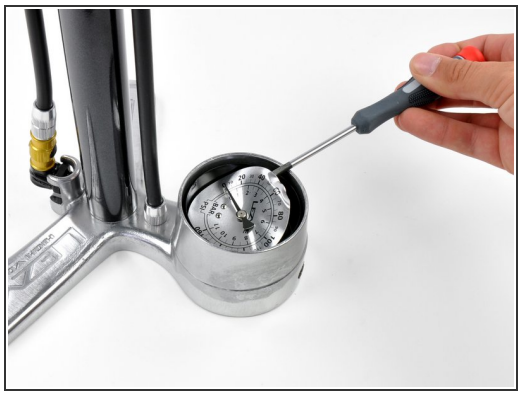
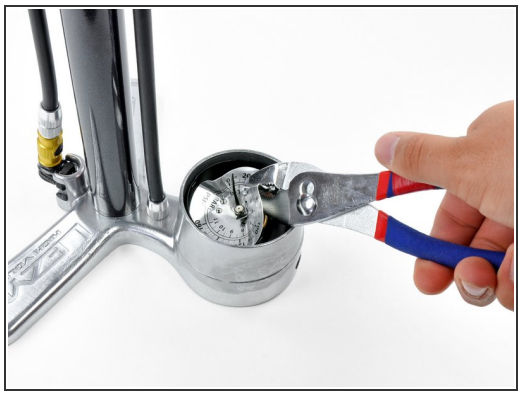
Step 1 — Removing the Gauge Cover





- Using a flat head screwdriver, pry up an edge of the gauge cover.
- Remove the gauge cover.

Step 2 — Removing the Gauge Face Plate and Internals

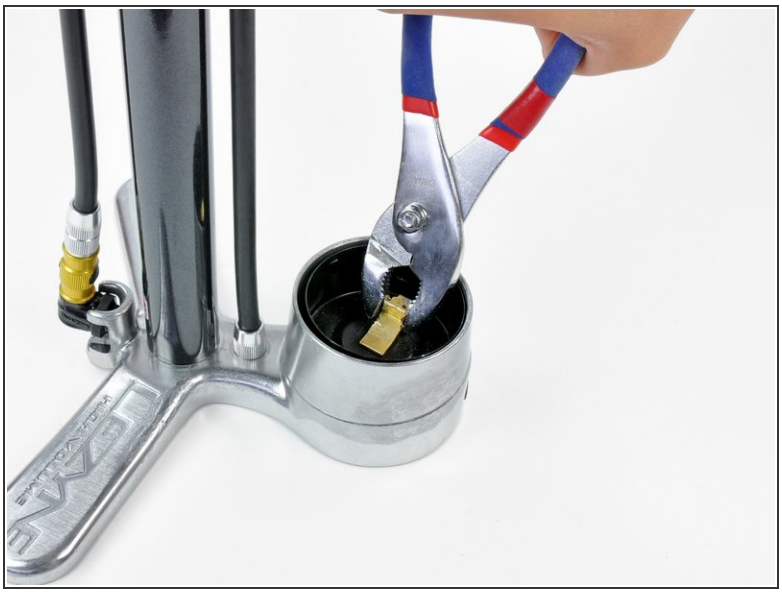



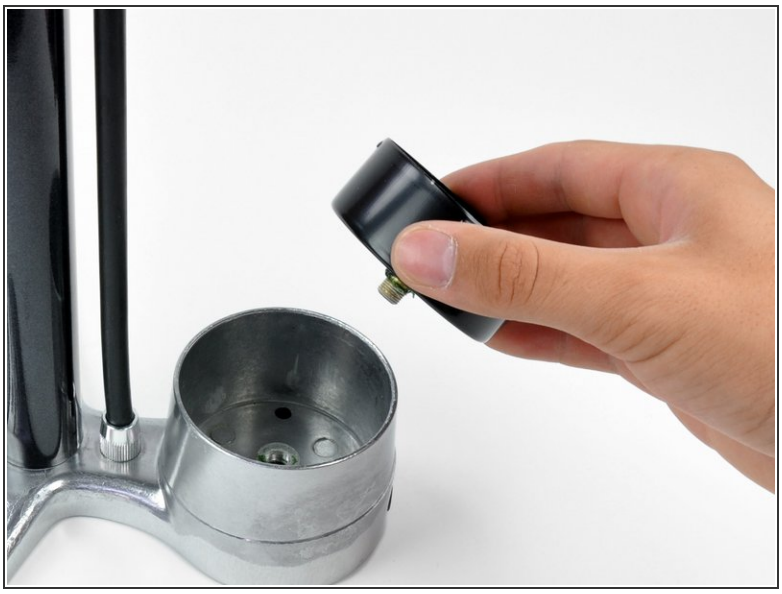

No parts from the old gauge will be re-used, so there is no need to attempt to preserve the parts. However, be careful not to damage the gauge housing.

- Pry up a corner of the gauge face plate.
- Use pliers to pull off the gauge face plate.

  Be careful not to cut yourself when prying off the face plate, as the edges are sharp.
- Use pliers to pry out the internal gauge mechanics.

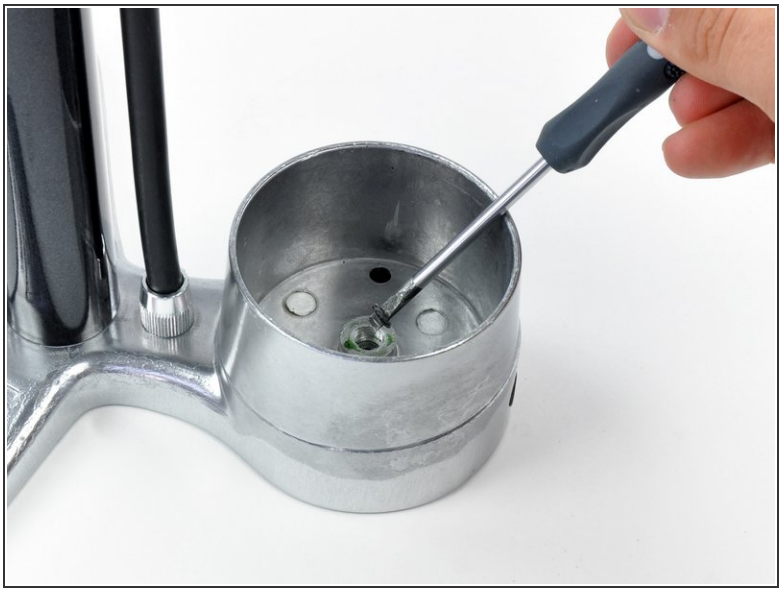
Step 3 — Removing the Old Gauge

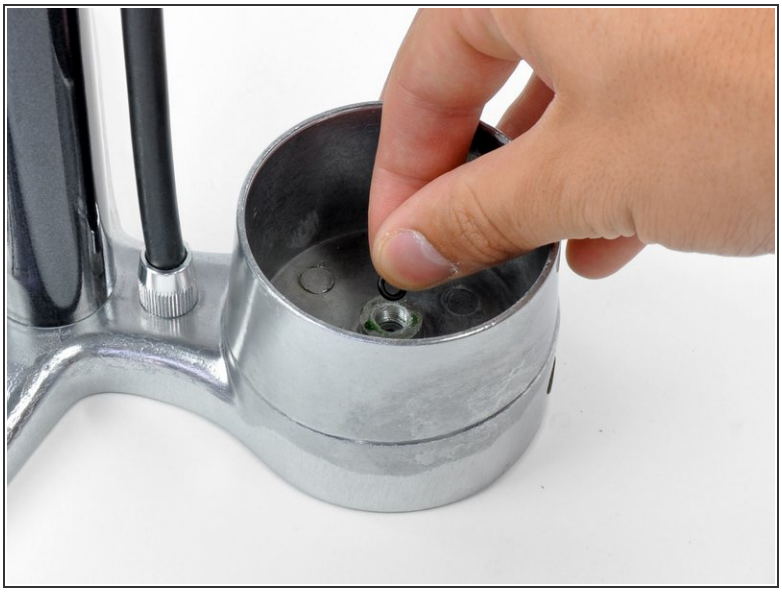




- Using pliers, grip the exposed brass piece and unthread the gauge by rotating it counter-clockwise.
- Pull the gauge out of its housing.

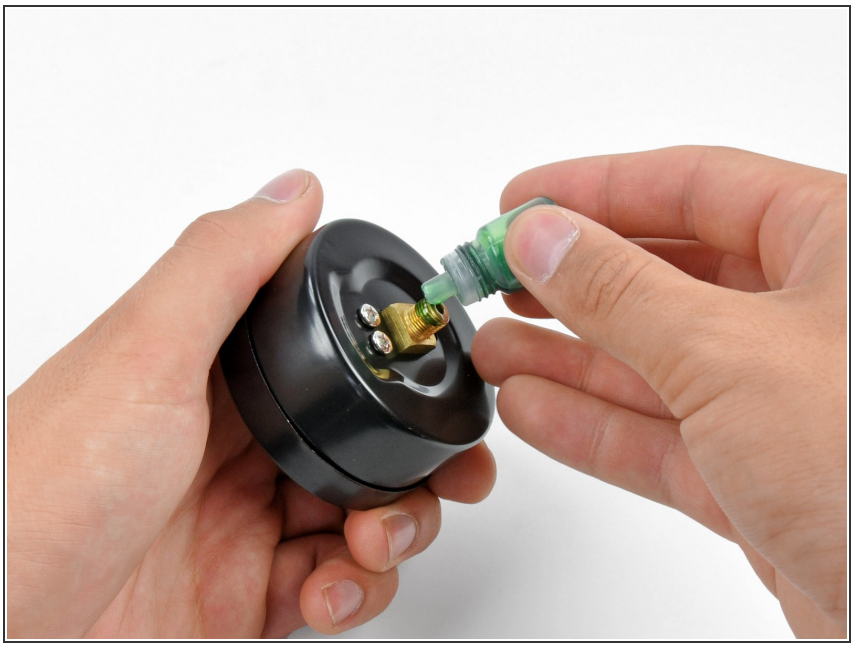
Step 4 — Replacing the Gauge O-rings





- Remove the O-ring at the bottom of the threaded hole.
- Place a new O-ring into the hole.

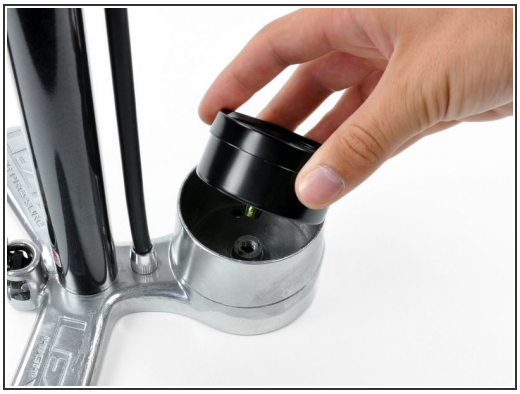
Step 5 — Applying Threadlocker



- Apply medium-strength Loctite (green, 290) to the threads on the new gauge.

Apply a thin layer, but make sure it covers all the threads.

Step 6 — Installing the New Gauge



- Thread the new gauge into the floor pump by turning it clockwise in its housing.
- Thread the gauge until it is snug and the BAR/psi markings are aligned with the pump body.

Gauge performance will not be affected by its position, so long as it is snug.

- Allow at least 30 minutes for the thread locker to set.
- Test the pump to its highest rated pressure and listen for leaks. If you can hear leaks from the gauge, tighten it.

