

## How to Change Engine Oil and Filter

Normal oil and oil filter change service is mandatory for long engine life. Today's engines have more power which makes it imperative that you change your oil at regular intervals; every 3,000 miles or 3 months, whichever comes first. If your car uses synthetic motor oil you can extend mileage between changes up to 2,000 additional miles. Always use your manufacturer's specific weight motor oil. This information is in your owner's manual. Also use an OEM or better style of oil filter to maximize engine life.



### Step 1 - Locate and Remove Oil Filter

To change your motor oil and filter, first locate the oil filter. It is usually located around the oil pan of the engine. Remove the oil filter by turning it counter clockwise with a large locking wrench or an oil filter removal wrench. (Always wear protective gloves and eyewear when replacing.)



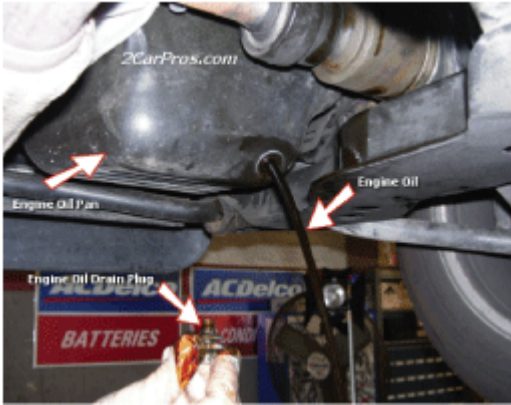
### Step 2 - Drain Oil Filter and Inspect Sealing Gasket

After removing the oil filter, let it drain into the oil drain container. Then clean oil filter seal surface on the mounting flange on block, make sure the old oil filter's sealing rubber gasket is off the mounting surface for the oil filter seat. On the new oil filter install a small amount of motor oil onto the rubber gasket of the new oil filter. Then reinstall new oil filter by turning it clockwise until tight. (Note: only tighten oil filter by "hand") (Gloves suggested)



### Step 3 - Removing the Oil Pan Drain Plug

Next, remove the oil pan drain plug. Using a wrench turn the drain plug counter clockwise. Be ready to grab the oil drain plug as it becomes dislodged. (Gloves suggested) Note: Always use the boxed or completed end of the wrench to avoid rounding of the drain plug hex. A socket wrench is also acceptable.



#### Step 4 - Drain Engine Oil

Once the drain plug is dislodged inspect the sealing washer on the plug, if worn, broken or the integrity of the seal cannot be maintained replace the plug washer with new. Let oil drain completely, reinstall oil drain pug and wipe clean with shop or paper towel. Note: drain plug just needs to be "snug" - not too tight.