

Engine Oil Change

Meets NATEF Task: (A1-D-13) Perform oil and filter change. (P-1)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

- _____ 1. Check the owner's manual, service manual, or technical literature to determine the correct viscosity rating and quantity of oil needed.
 - a. recommended viscosity: SAE _____ or SAE _____
 - b. Number of quarts (liters): with the filter _____ without the filter _____
 - c. American Petroleum Institute rating (if specified) _____
- _____ 2. Filter brand and number: Brand _____ Number _____
- _____ 3. Hoist the vehicle safely. Position the oil drain unit under the drain plug and raise to a height about 1 foot under the drain plug.
- _____ 4. Select the proper size wrench and remove the drain plug and allow the oil to drain into the drain pan.

HINT: Apply a light force against the drain plug as you rotate it out of the oil pan. Then pull the drain plug away after unthreading the plug all the way. This helps prevent getting oil all over you and the floor!
- _____ 5. After all the oil has been drained, install a new sealing washer (if needed) and install the drain plug.
- _____ 6. Move the oil drain unit under the filter and remove the old oil filter.
- _____ 7. Use a shop cloth and clean the oil filter gasket contact area on the engine block.
- _____ 8. Apply a thin coating of engine oil to the rubber gasket on the new oil filter.
- _____ 9. Install the new oil filter and hand tighten about 3/4 turn after the gasket contacts the engine block.
- _____ 10. Lower the vehicle. Install the recommended quantity of engine oil using a funnel to prevent spilling oil. Replace the oil filler cap.
- _____ 11. Start the engine and allow it to idle. The "oil" light should go out within 15 seconds.
- _____ 12. Look under the vehicle and check for leaks at the drain plug and the oil filter.
- _____ 13. Check the level of the oil again and add as necessary. **Caution:** Do not overfill!