

# **Ben's Engine Oil Change Procedure**

## **Frequency:**

The engine oil and filter should be changed every 1,000 miles or after one year, whichever comes first. Use a good grade of oil, either 30 weight, 40 weight, or 15-40 multi-grade weight. The engine capacity is four to five quarts.

## **Draining the oil:**

Place a drain pan under the engine pan and remove the drain plug (15-16" hex). Allow all the used oil to drain out. Remove the cap on the breather pipe and remove the dip stick. Replace the drain plug and tighten, (do not overtighten).

## **Adding the new oil:**

Pour the new oil in through the breather pipe. Add four quarts at first. Re-install the breather cap and dip stick.

## **Replacing the filter:**

Remove and discard the used filter. A filter strap wrench will be required to break it loose. Install the new filter, apply grease to the rubber seal, tighten by hand.

## **Filter compatibility identification:**

Pennzoil – PZ-1

Fram – PH8A

AC – PF-1, PF-20

Napa – 1515

Lee – FL-2

Motocraft – FL-1A3

## **Start the engine:**

Start the engine and allow it to idle. Check for leaks at the drain plug and at the filter. After a few minutes of idling, shut the engine down and allow the car to sit for a few minutes and then check the oil level on the dip stick. Add more oil as necessary to bring it up to the fill mark on the dip stick.

## **Periodic oil check:**

periodically check the oil level on the dip stick. The frequency is dependent on how much the car is driven. Oil can diminish through an oil leak and oil being burned up in the engine. Add oil as necessary. Check the water in radiator at the same time as it evaporates in a vented radiator.

## **Other systems oil:**

The transmission and differential use 600W oil. The Mitchell overdrive uses 85-90 gear oil.