

# RON FRANCIS

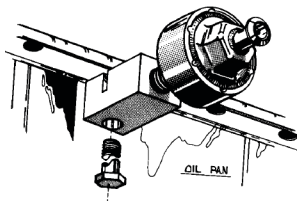
*Wiring*

## KB-41 GM Knock Sensor Bracket

The stock mounting location for the knock sensor is the engine block coolant drain located on the side of the engine block. Certain header/exhaust systems hug the engine block which prevents installing the knock sensor in the factory location. Depending on engine year and model will determine if two knock sensors (one on each side of the engine) are required. The adapter enclosed relocates the sensor(s) (two adapters required for two sensor equipped engines) to mount to an oil pan bolt.

The knock sensor is a very important sensor on computer controlled timing systems. This sensor allows the engine computer to advance base timing as much as possible and prevent detonation to achieve maximum engine performance.

Mount the sensor bracket to the oil pan as shown in the drawing below. Be sure to leave clearance from the exhaust for the sensor.



### NOTE!

**If a knock sensor trouble code is present, it may be necessary to attach a ground wire to the bracket oil pan mounting bolt and run it to a good ground. If the code still exists, verify the correct knock sensor is being used. To clear a trouble code, disconnect the battery for two or three minutes.**

**If a knock sensor trouble code is not present and detonation is experienced, the sensor and bracket may need to be relocated to a different oil panel location. It may be necessary to move it several times until the proper location is found.**