

FIG. 7 Ignition Modules

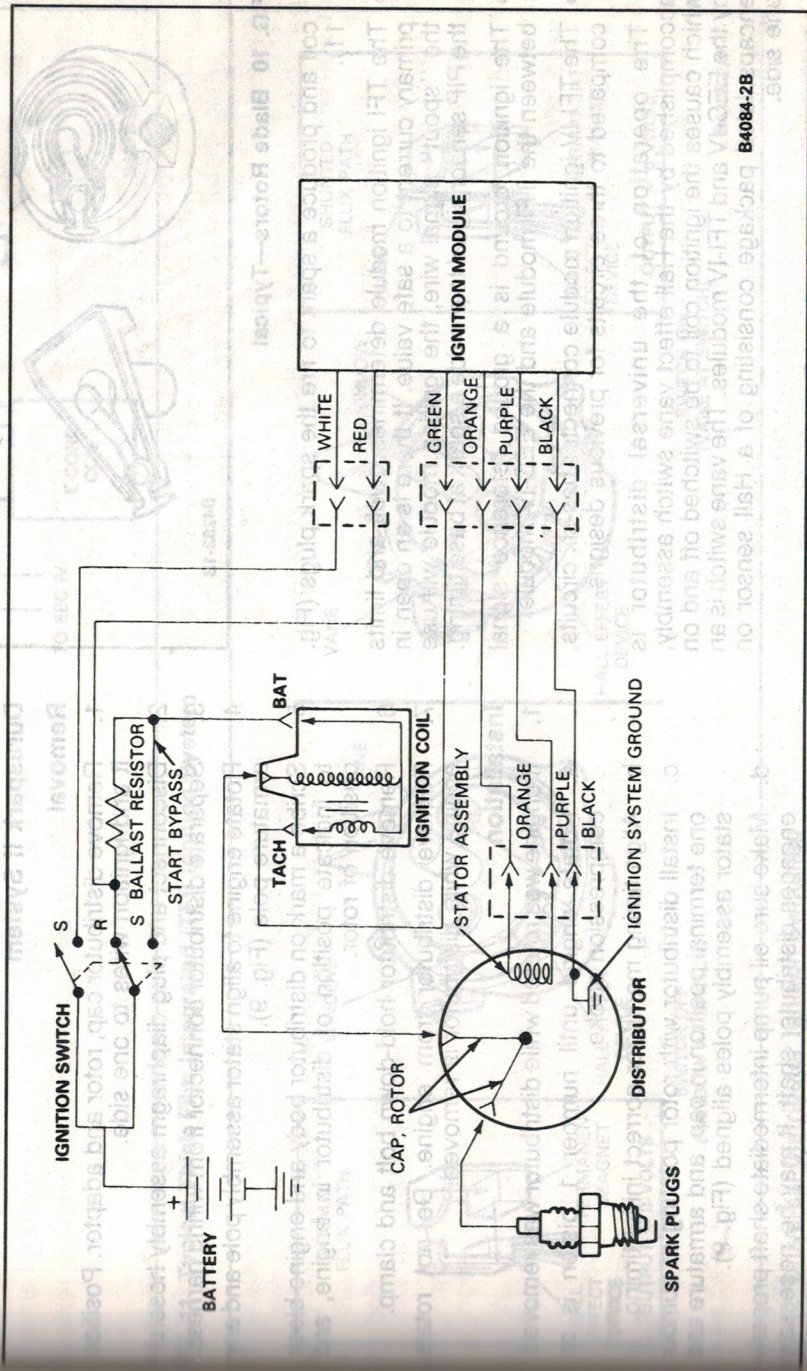


FIG. 8 Typical Duraspark II Ignition System
ignition module during START mode. START BYPASS provides increased voltage for the ignition coil during START mode.

TFI-IV Ignition System

The universal distributor ignition system uses the Thick Film Integrated IV ignition module. The module is contained in molded thermo-plastic and is mounted on the distributor base. The TFI-IV module features a "push start" mode. This will allow "push starting" of the manual transmission vehicles should it be necessary.

Vehicles equipped with TFI-IV use an E-Core ignition coil. The ignition coil connector allows a tachometer

connection, using an alligator clip, without removing the coil connector.

The spark plugs used are 14mm (1/2 inch) standard reach, tapered seat design.

- The TFI-IV module supplies voltage to the PIP (Profile Ignition Pickup) sensor, which then provides crankshaft position information to the module (Fig. 11).
- The TFI module passes this information to the EEC-IV module, which calculates spark timing and sends a signal (spout) to the TFI ignition module to turn off the