

SECTION 03-07A Distributor Ignition (DI)

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VEHICLE APPLICATION

Taurus / Sable.

DESCRIPTION

This Section is designed to serve as a guide in understanding, testing and servicing the Distributor Ignition (DI) system.

Distributor Ignition (DI) Systems Features

The DI system features a camshaft driven distributor which uses no centrifugal or vacuum advance. The distributor has a diecast base which incorporates a Hall effect stator assembly.

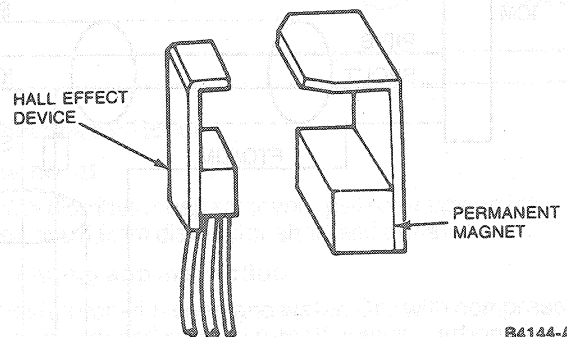
Initial timing adjustments are not required unless the distributor has been moved from its factory setting or removed from the engine. Ignition timing procedures and diagnostics are found in Section 8A of the Powertrain Control / Emissions Diagnosis Manual¹.

NOTE: Do not change timing by use of different octane rods without first having the proper authorization; federal emission requirements will be affected.

The Ignition Control Module (ICM) 12A199 with Computer Controlled Dwell (CCD), features Powertrain Control Module (PCM) 12A650 controlled ignition coil charge times.

OPERATION

The universal distributor operates by using a Hall effect vane switch assembly, causing the ignition coil to be switched off and on by the PCM and ICM. The vane switch is an encapsulated package consisting of a Hall sensor on one side and a permanent magnet on the other side.



¹ Can be purchased as a separate item.