

VOLVO PENTA

Volvo Penta of the Americas
1300 Volvo Penta Drive
Chesapeake, Virginia 23320-9810

Service Bulletin

Group	Number	Version
05-1	7	02

Disabling Ignition Systems

All Gasoline

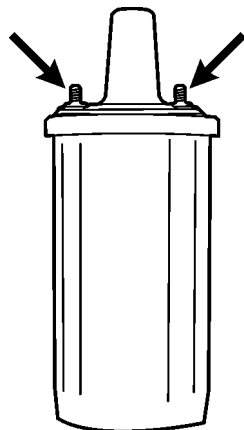
Distribution: M

Date: 01-2006

Binder: C

We have received several reports of technicians not disabling the ignition system during servicing procedures. This could result in fires, personal injuries and damaged equipment. If the ignition system is not disabled during engine cranking (e.g. compression testing, clearing a hydrostatic lock) with a spark plug and/or wire removed, there is a likelihood that a dangerous spark may be produced in the bilge area of the boat. If this happens while gasoline fumes are present, this could result in fire or explosion. **Under no circumstances should the engine be cranked with a loose spark plug wire without disabling the ignition system!**

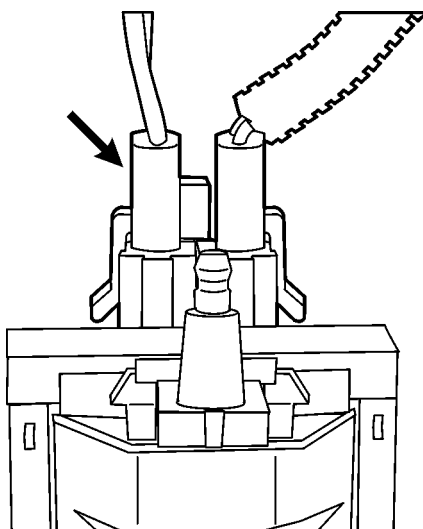
The steps necessary to safely accomplish this procedure are located in the workshop manuals for the specific model being serviced. These steps are also outlined below for quick reference. Please see the appropriate Workshop Manual for more detailed information.



50359

Carbureted Models with Prestolite Breakerless Ignition Distributor (BID) Systems

Remove both distributor primary wires from the ignition coil. Tape the terminal ends to prevent accidental grounding.



50360

Carbureted Models with Delco EST Systems

Remove (grey) 2-wire connector, with purple and grey wires at the ignition coil.

Fuel Injected - GM Throttle Body Injection

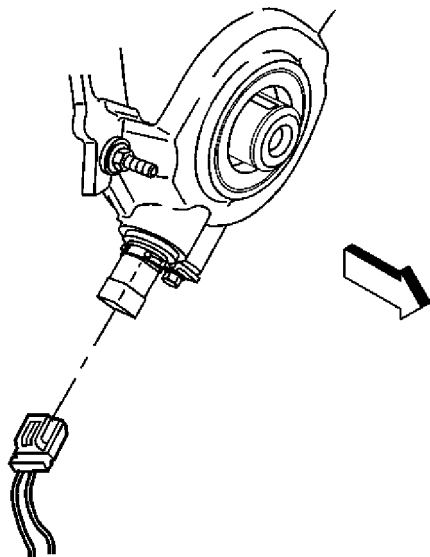
Remove both the (grey) 2-wire connector, with purple and grey wires and the (black) 2-wire connector, with pink and brown wires located at the ignition coil.

Port Fuel Injected Models

GM Port Fuel Injection (MEFI 1, MEFI 3, MEFI 4, MEFI 4B)

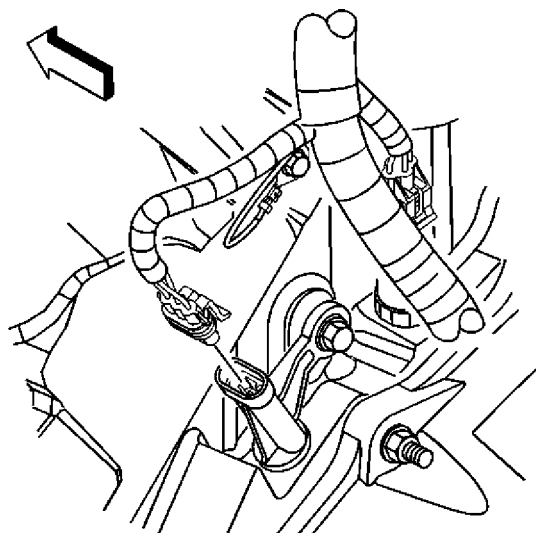
Disconnect crankshaft position sensor.

4.3, 5.0, 5.7 Models



50361

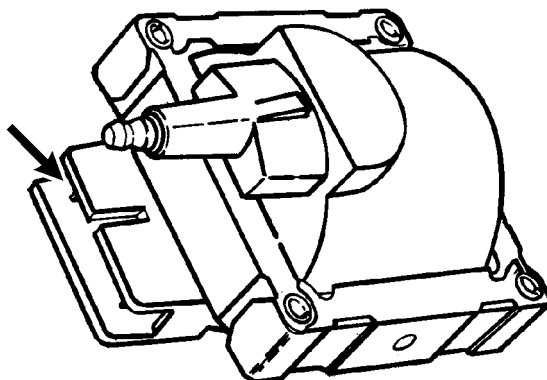
8.1 Models



50362

Ford Port Fuel Injection (EEC IV)

Disconnect 2 way connector at ignition coil.

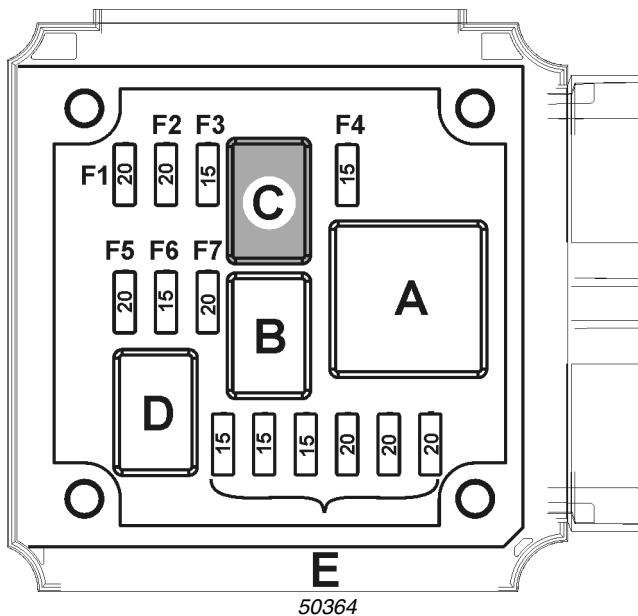


50363

Disabling the Ignition by Removing the Ignition Relay from Fuse/Relay Box

If you have either of the fuse/relay boxes depicted below, you may disable the ignition simply by removing the ignition relay.

Remove Ignition Relay C.



Remove Ignition Relay E.

