Instructions for Remote Starter Switch

WARNING!

Before connecting the Remote Starter Switch, set the transmission gear lever in the "Park" position for automatics or "Neutral" position for manual transmissions and engage the emergency brake.

NOTE: *It is important to follow the instructions in the order shown below.*

DISABLING PROCEDURE

1. Disable the ignition system as described under the "Ignition Disabling Procedures" Section as applies to the type of vehicle under test.

CONNECTION PROCEDURE

2. Connect the Remote Starter Switch as shown in the "Connection Procedure" Section. Exercise care when making this connection because battery voltage is present at the solenoid or starter relay and injury could result by shorting the leads.
3. Turn the ignition switch to the "ON" position before using the Remote Starter Switch.

CAUTION!

If the vehicle is equipped with an engine "HOT" indicator, the lamp test circuit which is in the ignition system could be damaged if the remote starter switch is energized with the ignition switch in the "OFF" position.

4. After the Remote Starter Switch has been properly connected, pull the trigger on the Remote Starter Switch. The engine should crank over.
5. After removing the Remote Starter Switch, reconnect the leads that were disconnected during the "Ignition Disabling Procedure" Section.

CONNECTION PROCEDURE

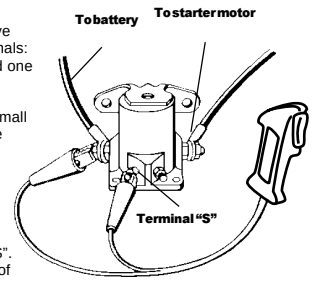
The following diagrams illustrate five of the most common starter relay and solenoid arrangements and the method of connection to the remote starter switch. Match the system you have to one of the diagrams and follow the individual instructions carefully.

CAUTION!

Battery voltage is always present at the starter relay or solenoid terminals and could cause personal injury if shorted to ground through tools, wires or wristwatch.

FIG. 1

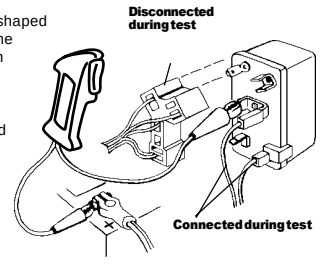
STARTER RELAY: FORD-AMC



This relay may have three or four terminals: two large ones and one or two small ones. Remove the wires connected to the small terminal if only one small terminal is provided. If two small terminals are present, remove the wires from the small terminal marked "S". Connect one lead of the Remote Starter Switch to the bare small terminal (where the wires were just removed) and the other lead of the Remote Starter Switch to the Battery Terminal of the relay. Crank the engine by depressing the Remote Starter Switch.

FIG. 2

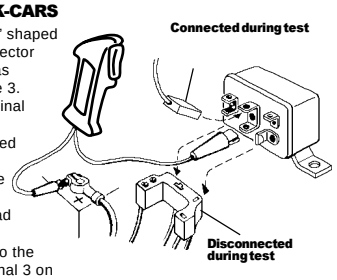
STARTER RELAY: CHRYSLER



Remove the "Y" shaped connector from the relay as shown in Figure 2. The single terminal connector must remain connected at the lower right hand corner of the relay and the other single terminal connector must remain connected to the "SOL" relay terminal as shown. Connect one lead of the Remote Starter Switch to the 'EGR' terminal of the relay and the other lead of the Remote Starter Switch to the Positive (+) post of the battery. Crank the engine by depressing the Remote Starter Switch.

FIG. 3

STARTER RELAY: CHRYSLER K-CARS



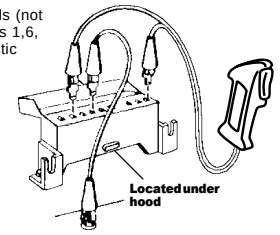
Remove the "U" shaped 5 terminal connector from the relay as shown in Figure 3. The single terminal connector must remain connected to the top of terminal 3 of the relay, however, connect one lead of the Remote Starter Switch to the bottom of terminal 3 on the relay and the other lead of the Remote Starter Switch to the POSITIVE (+) post of the battery. Crank the engine by pulling the trigger on the Remote Starter Switch.

ONE YEAR WARRANTY

If within one year from the date of purchase this equipment fails due to defect in materials or workmanship, return it to Actron and Actron will repair it free of charge.
This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

FIG. 4

GENERAL MOTORS: DIAGNOSTIC CONNECTOR

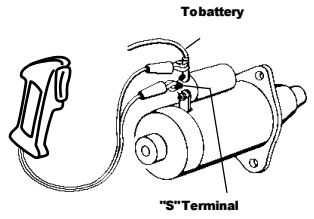


Insert spade terminals (not supplied) into cavities 1,6, and 8 of the Diagnostic Connector as shown in Figure 4. Connect a jumper wire from terminal 6 to engine ground. Connect one lead of the Remote Starter Switch to terminal 1 of the Diagnostic Connector and the other lead of the Remote Starter Switch to terminal 8 of the Diagnostic Connector as shown. Crank the engine by pulling the trigger on the Remote Starter Switch.

NOTE: This diagnostic connector is usually located on the driver's side in the engine compartment. Do not confuse it with Air Conditioning diagnostic connector on the passenger side.

FIG. 5

STARTER SOLENOID: GENERAL MOTORS

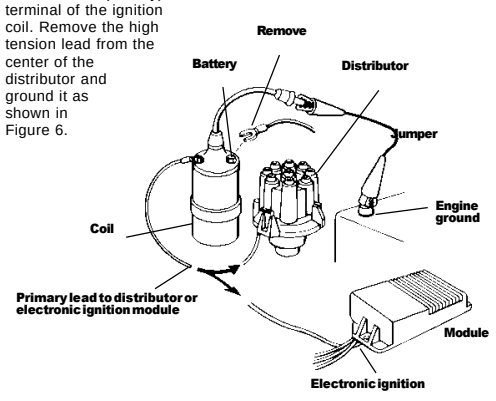


Connect one lead of the Remote Starter Switch to the small terminal of the solenoid marked "S" and the other lead of the Remote Starter Switch to the heavy battery cable as shown. Crank the engine by pulling the trigger on the Remote Starter Switch.

CONVENTIONAL IGNITION SYSTEM OR ELECTRONIC SYSTEM WITH SEPARATE COIL

AMC-FORD-CHRYSLER

FIG. 6



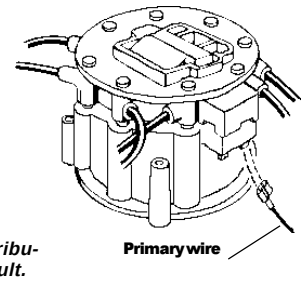
Disconnect the primary wire from the BAT (battery) terminal of the ignition coil. Remove the high tension lead from the center of the distributor and ground it as shown in Figure 6.

GENERAL MOTORS HIGH ENERGY IGNITION – DISABLING PROCEDURES

When performing Diagnostic System tests on General Motors vehicles equipped with High Energy Ignition (HEI), the engine can be prevented from starting as follows:

FIG. 7

SYSTEM WITH COIL IN DISTRIBUTOR CAP

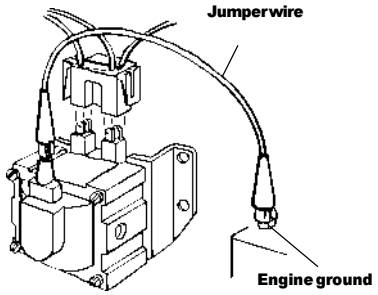


Disconnect primary wire from the BAT terminal on the distributor cap.

CAUTION: The tachometer terminal must NEVER be connected to ground at the distributor cap as damage to the distributor module can result.

FIG. 8

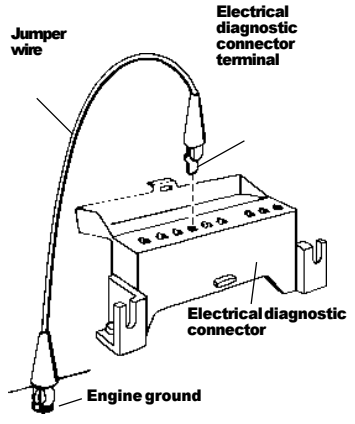
SYSTEMS WITH SEPARATE COIL



Remove the coil connector (primary) and the high-tension wire from coil secondary terminal. Connect jumper wire between coil secondary terminal and ground on engine.

FIG. 9

HEI WITH ELECTRICAL DIAGNOSTIC CONNECTOR



Insert the GM Diagnostic Connector Terminal in terminal No. 6 of Electrical Diagnostic Connector. Connect jumper wire between this terminal and a good ground

CAUTION: The tachometer terminal must NEVER be connected to ground at the distributor cap, as damage to the distributor module can result.