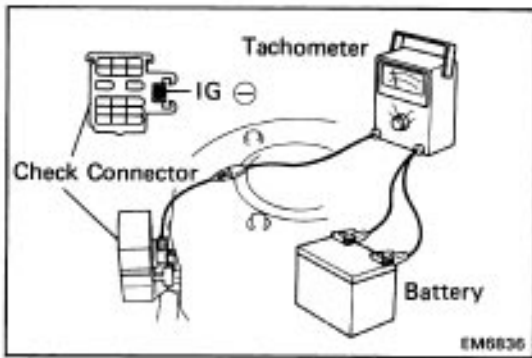


IGNITION SYSTEM



PRECAUTIONS

1. Do not leave the ignition switch on for more than 10 minutes if the engine will not start.
2. With a tachometer connected to the system, connect the test probe of the tachometer to terminal IG (-) of the check connector.
3. As some tachometers are not compatible with this ignition system, we recommend that you confirm the compatibility of your unit before using.
4. NEVER allow the tachometer terminal to touch ground as this could damage the igniter and/or ignition coil.
5. Do not disconnect the battery when the engine is running.
6. Check that the igniter is properly grounded to the body.

TROUBLESHOOTING

Problem	Possible cause	Remedy	Page
Engine will not start/ hard to start (cranks ok)	Incorrect ignition timing Ignition coil faulty Igniter faulty IIA or distributor faulty High-tension cord faulty Spark plug faulty Ignition wiring disconnected or broken	Reset timing Inspect coil Inspect igniter Inspect IIA or distributor Inspect high-tension cord Inspect plugs Inspect wiring	IG-16, IG-19 IG-6, IG-11 IG-4, IG-8 IG-6, IG-11 IG-5, IG-9 IG-5, IG-9
Rough idle or stalls	Spark plugs faulty Ignition wiring faulty Incorrect ignition timing Ignition coil faulty Igniter faulty IIA or distributor faulty High-tension cord faulty	Inspect plugs Inspect wiring Reset timing Inspect coil Inspect igniter Inspect IIA or distributor Inspect high-tension cord	IG-5, IG-9 IG-16, IG-19 IG-6, IG-11 IG-4, IG-8 IG-6, IG-11 IG-5, IG-9
Engine hesitates/ poor acceleration	Spark plugs faulty Ignition wiring faulty Incorrect ignition timing	Inspect plugs Inspect wiring Reset timing	IG-5, IG-9 IG-16, IG-19
Engine dieseling (runs after ignition switch is turned off)	Incorrect ignition timing	Reset timing	IG-16, IG-19
Muffler explosion (after fire) all the time	Incorrect ignition timing	Reset timing	IG-16, IG-19
Engine backfires	Incorrect ignition timing	Reset timing	IG-16, IG-19
Poor fuel economy	Spark plugs faulty Incorrect ignition timing	Inspect plugs Reset timing	IG-5, IG-9 IG-16, IG-19
Engine overheats	Incorrect ignition timing	Reset timing	IG-16, IG-19