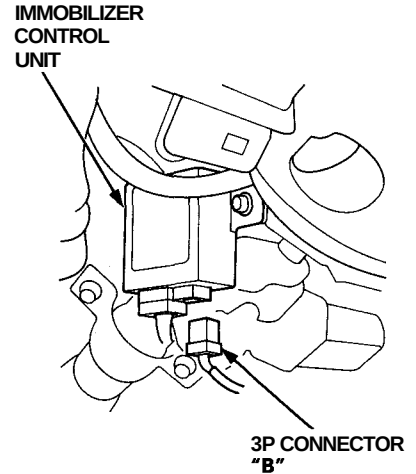


Immobilizer System

Immobilizer Receiver and Transponder (Key) Test



1. Turn the ignition switch ON (II).
2. Check that the immobilizer indicator light starts blinking after two seconds.

Does the immobilizer indicator blink?

NO

Perform the control unit input test.

YES

Try to start the engine with another master key or valet key from this vehicle.

Does the engine start?

YES

Replace the transponder (ignition key).

NO

Does the engine crank?

YES

Check for an open in the WHT wire between the immobilizer control unit and the PCM. If the wire is OK, rewrite the PCM with the PGM Tester.

NO

Rewrite the immobilizer control unit and the PCM with the PGM Tester.

Does the engine start?

YES

Immobilizer system is OK now.

NO

1. Turn the ignition switch OFF.
2. Disconnect the 3P connector "B" from the immobilizer control unit.
3. Check for continuity between the B1 and B2, and the B3 and B2 terminals of the 3P connector.

Is there continuity?

YES

Short in the shielded wires between the immobilizer receiver and the immobilizer control unit. Replace the wire harness.

NO

Measure resistance between the B1 and B3 terminals of the 3P connector.

Is there about 15 ohms?

NO

Faulty receiver or open in the shielded wires between the immobilizer receiver and immobilizer control unit.

YES

Replace the immobilizer control unit.

Wire side of female terminals

