05BPN–01

PRE–CHECK

1. DATA LIST

HINT:

According to the DATA LIST displayed by the hand–held tester, you can read the value of the switch, sensor, actuator and so on without parts removal. Reading the DATA LIST as the first step of the troubleshooting is one of the methods to shorten the work time.

(a) Connect the hand–held tester to DLC3.
(b) Turn the ignition switch to ON.
(c) According to the display on the tester, read the ”DATA LIST”.

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
A/C SIG	A/C SW Status/ ON or OFF	• A/C SW Push: ON • A/C SW Release: OFF	←
A/C MAG CLUTCH	A/C Magnet Clutch Status/ ON or OFF	• A/C SW Push: ON • A/C SW Release: OFF	←

2. ACTIVE TEST

HINT:

Performing the ACTIVE TEST using the hand–held tester allows the relay, VSV, actuator and so on to operate without parts removal. Performing the ACTIVE TEST as the first step of the troubleshooting is one of the methods to shorten the work time.

It is possible to display the DATA LIST during the ACTIVE TEST.

(a) Connect the hand–held tester to DLC3.
(b) Turn the ignition switch to ON.
(c) According to the display on the tester, read the ”ACTIVE TEST”.

Item	Test Details	Diagnostic Note
A/C MAG CLUTCH	Control the A/C Magnet Clutch ON/OFF	—