

CONTROL PANEL DIAGNOSTICS

System Self-Test

Some system generated fault codes can be displayed on the control panel screen. When a fault is flagged, an audible “beep” will sound and the message “Er” will be displayed for five seconds, after the ignition is switched to position II. To display stored “panel fault codes”, follow this procedure:

- **Switch off the ignition**
Press and hold the AUTO and FRESH / RECIRC buttons simultaneously while switching the ignition to position II. All of the panel LEDs and all LCD segments will flash ON and OFF. Any function LED indicator or LCD segment that does not flash suggests a fault condition within that area of the panel, or with the LED or LCD.
- **Press AUTO**
The control panel display will flash and scroll through the list of flagged fault codes. A maximum of five codes will be stored and displayed. If 0 is displayed, no fault codes are flagged.
- **Press FACE to manually scroll through the fault codes**
When a fault code is displayed, an accompanying beep will indicate if the fault is present. If the code is not accompanied by a beep, the fault occurred previously.
NOTE: Faults that are present can not be cleared until the cause of the fault is repaired.
To clear fault codes, press HRW and FACE simultaneously. Wait 30 seconds for the A/CCM to retest the system and reflag any current faults.
- **Press PUSH OFF to return the system to normal operation (default panel settings)**

Panel Communication Check

The data link, power, and lighting circuits between the A/CCM and the control panel can be checked by simultaneously holding AUTO and FAN while the ignition is switched to position II. Panel control LEDs will illuminate to indicate that each circuit is OK, as follows:

Circuit	LED
Ignition switched power supply (pos. II) circuit	Defrost button LED
Ignition switched power supply (pos. I, Aux.) circuit	Face button LED
Clock circuit	Bi-level button LED
Start circuit	Foot button LED
Data circuits	Defrost / foot button LED
Panel lighting	Recirc. button LED (Headlights ON!)

EXERCISE

Perform the System Self-Test above on the assigned vehicle. Record any faults below.

OBD II DTCs	Control Panel Code