

DIAGNOSIS AND TESTING (Continued)

(Continued) DIAGNOSIS AND TESTING

QUICK TEST: KEY ON, ENGINE OFF (KOE) SELF-TEST

TEST STEP		RESULT	ACTION TO TAKE
A1	<p>CODE OUTPUT</p> <ul style="list-style-type: none"> To activate the KOEO IVSC test, do the following: <ul style="list-style-type: none"> Place transmission shift lever in PARK. Leave single STI connector unplugged; plug in multi-pin self-test connector. Turn on SUPER STAR II Tester by moving slide switch to ON position. Press SUPER STAR II push button. Turn ignition key to RUN position. Within 10 seconds, press speed control ON switch. Observe code 10 on SUPER STAR II display (indicates IVSC test in progress). Press speed control OFF, COAST, ACCEL, RESUME buttons; tap brake pedal once. <p>NOTE: Do not depress throttle during KOEO self-test.</p> <ul style="list-style-type: none"> Observe and record all Diagnostic Trouble Codes indicated. One of the following outputs will occur. 	<p>Code 111 displayed</p> <p>Any other code(s)</p> <p>No codes output</p>	<ul style="list-style-type: none"> Key On Engine Off Test indicates a pass. GO to Key On Engine Running (KOER) Self-Test. Key On Engine Off Test indicates a fault. Record codes and GO to Step B. REPEAT Self-Test and verify that no DTC's are present. GO to Pinpoint Test Step Q1.

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If for any reason the tester indicates to clear the codes, when the tester is ready to clear the codes, press the engine power button. Press the power button (the button with the engine symbol) and press the power button again to latch down the button (code will appear again). Every time the SUPER STAR II Tester is turned off, the low battery indicator (L.O.BAT) should show a battery or the upper LH corner of the tester should glow dim. If the L.O.BAT indicator glows brightly, it indicates a low battery condition of the SUPER STAR II Tester. When the power button is pressed, the tester will display the last DTC. If the tester is not connected to the vehicle, it will hold the DTC on the display until power is turned off or the power button is unlatched and released.

Remove the DTC's. Press the power button in the front of the SUPER STAR II Tester. The tester will glow down and a code will appear in the display window. If the code is 00, the code must be displayed to remove the DTC's.

After looking at the SUPER STAR II Tester and turning on the power switch, the tester will not display a code and the number 88 will appear in the display window. A steady 00 will then appear in the display window. The SUPER STAR II Tester is ready to start the KOEO self-test and turn on the test diagnostic mode code 0100.