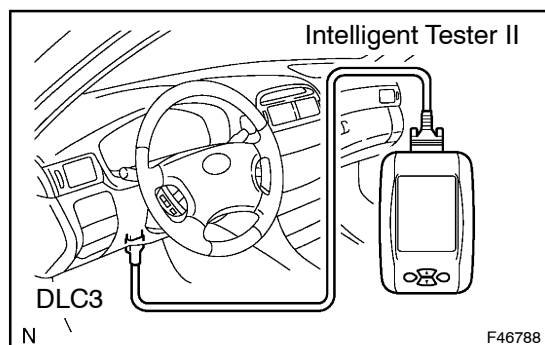


CHECK FOR INTERMITTENT PROBLEMS

1. CHECK FOR INTERMITTENT PROBLEMS

HINT:

A momentary interruption (open circuit) in the connectors and/or wire harness between the sensors and ECUs can be detected in the ECU data monitor function of the intelligent tester II.

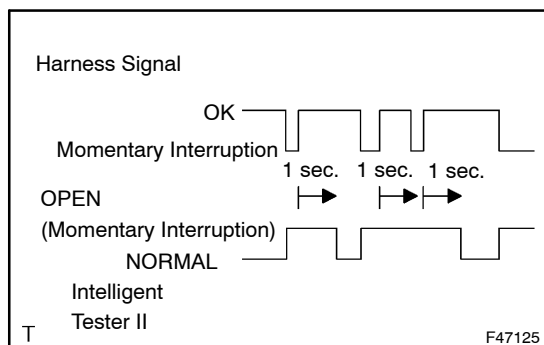


- (a) Turn the ignition switch off and connect the intelligent tester II to the DLC3.
- (b) Turn the ignition switch on. Follow the on-screen directions on the intelligent tester II to display the DATA LIST and select areas where momentary interruption should be monitored.

HINT:

A momentary interruption (open circuit) cannot be detected for 3 seconds after the ignition switch is turned on (initial check).

Item	Measurement Item / Range (Display)	Normal Condition	Diagnostic Note
FR Speed Open	FR speed sensor open detection / OPEN or NORMAL	OPEN : Momentary interruption	-
FL Speed Open	FL speed sensor open detection / OPEN or NORMAL	OPEN : Momentary interruption	-
RR Speed Open	RR speed sensor open detection / OPEN or NORMAL	OPEN : Momentary interruption	-
RL Speed Open	RL speed sensor open detection / OPEN or NORMAL	OPEN : Momentary interruption	-
Yaw Rate Open	Yaw rate sensor open detection	OPEN : Momentary interruption	-
Deceleration Open	G sensor open detection	OPEN : Momentary interruption	-
Steering Open	Steering sensor open detection	OPEN : Momentary interruption	-
Master Cylinder Open	Master Cylinder pressure sensor 1 open detection	OPEN : Momentary interruption	-
EFI Open	EFI communication open detection	OPEN : Momentary interruption	-



HINT:

- If the status remains on, check the continuity between the ECU and the sensors, or between ECUs.
- The OPEN display on the intelligent tester II remains on for 1 second after the harness signal changes from momentary interruption (open circuit) to normal condition.

- (c) While observing the screen, gently jiggle the connector or wire harness between the ECU and sensors, or between ECUs.

Result: OPEN-screen display does not change.

HINT:

- The connector and/or wire harness will be in momentary interruption (open circuit) if the chart fluctuates. Repair or replace connector and/or wire harness as one of them is faulty.

