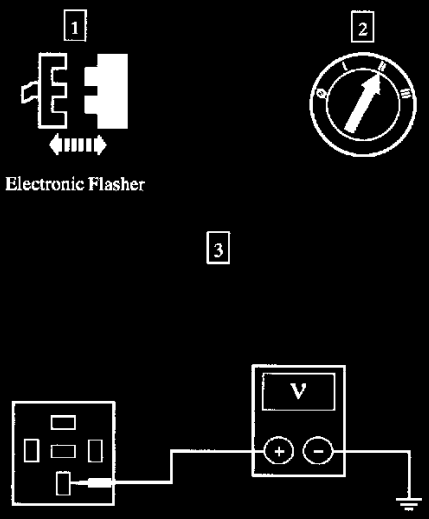
Turn Signals: Testing and Inspection
Test K: Turn Signal Lamps Are Never On

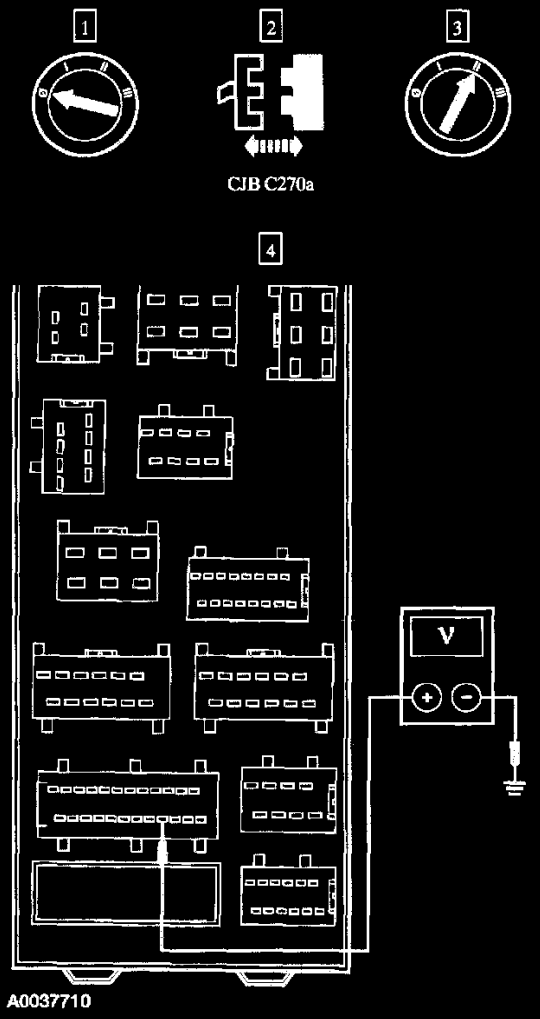
PINPOINT TEST K: THE TURN SIGNAL LAMPS ARE NEVER ON

CONDITIONS	DETAILS/RESULTS/ACTIONS
K1 CHECK THE VOLTAGE TO THE ELECTRONIC FLASHER	
	3 Measure the voltage between the electronic flasher connector pin 30, circuit 295 (LB/PK), harness side and ground. • Is the voltage greater than 10 volts? → **Yes** GO to **K3**. → **No** GO to **K2**.

(Continued)

DIAGNOSIS AND TESTING (Continued)

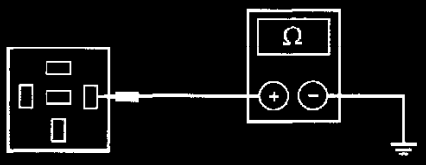
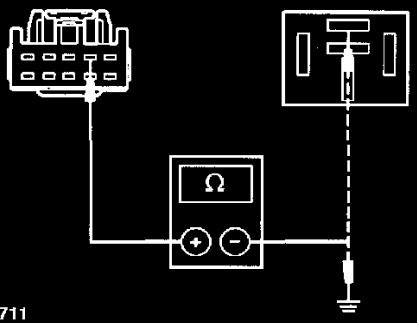
PINPOINT TEST K: THE TURN SIGNAL LAMPS ARE NEVER ON (Continued)

CONDITIONS	DETAILS/RESULTS/ACTIONS
K2 CHECK THE CENTRAL JUNCTION BOX (CJB)	
	4 Measure the voltage between the CJB C270a pin 21, circuit 295 (LB/PK), component side and ground. • Is the voltage greater than 10 volts? → **Yes** REPAIR circuit 295 (LB/PK). TEST the system for normal operation. → **No** INSTALL a new CJB. TEST the system for normal operation.
K3 CHECK CIRCUIT 57 (BK) FOR AN OPEN	
	

(Continued)

DIAGNOSIS AND TESTING (Continued)

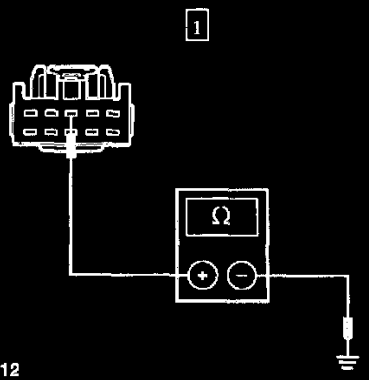
PINPOINT TEST K: THE TURN SIGNAL LAMPS ARE NEVER ON (Continued)

CONDITIONS	DETAILS/RESULTS/ACTIONS
K3 CHECK CIRCUIT 57 (BK) FOR AN OPEN (Continued)	
2  GN1433-A	2 Measure the resistance between the electronic flasher connector pin 86, circuit 57 (BK), harness side and ground. • Is the resistance less than 5 ohms? → **Yes** GO to **K4**. → **No** REPAIR the circuit. TEST the system for normal operation.
K4 CHECK CIRCUIT 44 (LB) FOR OPEN OR SHORT TO GROUND	
1  Multifunction Switch C202a 2  A0037711	2 Measure the resistance between the multifunction switch C202a pin 2, circuit 44 (LB), harness side and the electronic flasher connector pin 87, circuit 44 (LB), harness side; and between the multifunction switch C202a pin 2, circuit 44 (LB), harness side and ground. • Is the resistance less than 5 ohms between the multifunction switch and the electronic flasher, and greater than 10,000 ohms between the multifunction switch and ground? → **Yes** GO to **K5**. → **No** REPAIR the circuit. TEST the system for normal operation.

(Continued)

DIAGNOSIS AND TESTING (Continued)

PINPOINT TEST K: THE TURN SIGNAL LAMPS ARE NEVER ON (Continued)

CONDITIONS	DETAILS/RESULTS/ACTIONS
K5 CHECK CIRCUIT 385 (WH/RD) FOR SHORT TO GROUND	
 A0037712	1 Measure the resistance between the multifunction switch C202a pin 3, circuit 385 (WH/RD), harness side and ground. • Is the resistance greater than 10,000 ohms? → **Yes** GO to **K6**. → **No** REPAIR the circuit. TEST the system for normal operation.
K6 CHECK THE MULTIFUNCTION SWITCH	
	1 Carry out the multifunction switch component test. • Is the multifunction switch OK? → **Yes** INSTALL a new electronic flasher. TEST the system for normal operation. → **No** INSTALL a new multifunction switch. TEST the system for normal operation.