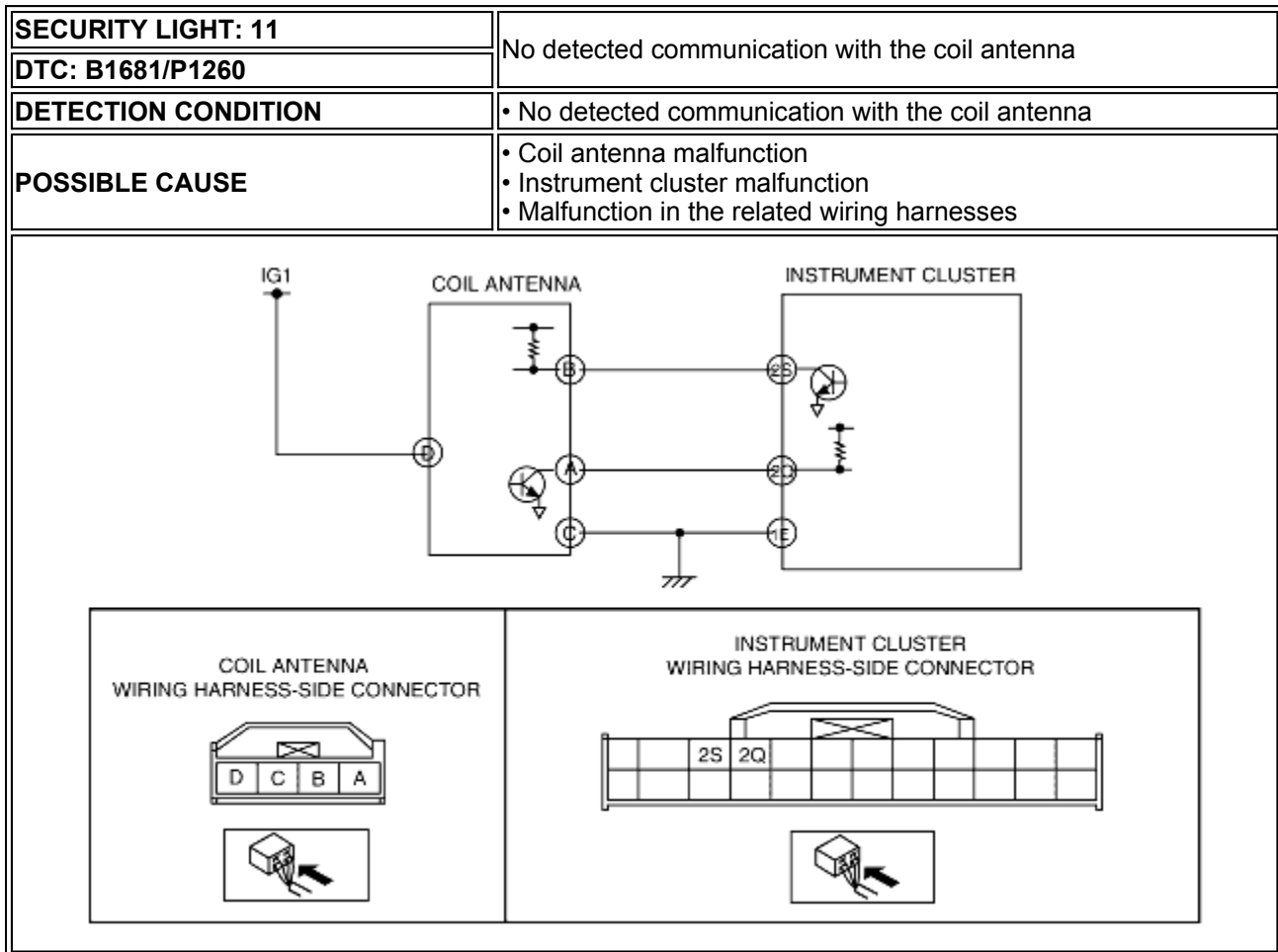


SECURITY LIGHT 11, DTC B1681/P1260

B3E090201077W06



Diagnostic Procedure

STEP	INSPECTION	ACTION
1	INSPECT COIL ANTENNA POWER SUPPLY SYSTEM <ul style="list-style-type: none"> • Disconnect the coil antenna connector. • Turn the ignition switch to the ON position. • Measure the voltage at coil antenna terminal D. <p>- Is the voltage 8 V or more?</p>	Yes Go to the next step.
		No Repair the wiring harness.
2	INSPECT WIRING HARNESS BETWEEN COIL ANTENNA AND GROUND <ul style="list-style-type: none"> • Turn the ignition switch to the LOCK position. • Inspect the wiring harness between coil antenna terminal C and ground for the following: 	Yes Go to the next step.

	<ul style="list-style-type: none"> - Short to power supply - Open circuit 	No	Repair the wiring harness.
	• Is the wiring harness normal?		
3	INSPECT COIL ANTENNA INPUT SIGNAL CIRCUIT <ul style="list-style-type: none"> • Connect the coil antenna connector. • Turn the ignition switch to the ON position. • Measure the voltage at coil antenna terminal B. 	Yes	Go to Step 7.
		No	Go to the next step.
	- Is the voltage 8 V or more ?		
4	INSPECT COIL ANTENNA INPUT SIGNAL CIRCUIT <ul style="list-style-type: none"> • Turn the ignition switch to the LOCK position. • Disconnect the instrument cluster connector. • Turn the ignition switch to the ON position. • Measure the voltage at instrument cluster terminal 2S. 	Yes	Replace the instrument cluster and perform the resetting procedure for the immobilizer system when replacing the instrument cluster. (See INSTRUMENT CLUSTER REMOVAL/INSTALLATION.) (See IMMOBILIZER SYSTEM COMPONENT REPLACEMENT/KEY ADDITION AND CLEARING.)
		No	Go to the next step.
	- Is the voltage 8 V or more ?		
5	INSPECT COMMUNICATION CIRCUIT (INPUT) FOR CONTINUITY <ul style="list-style-type: none"> • Turn the ignition switch to the LOCK position. • Is there continuity between coil antenna terminal B and instrument cluster terminal 2S? 	Yes	Go to the next step.
		No	Repair the wiring harness.
6	INSPECT COIL ANTENNA INPUT SIGNAL CIRCUIT <ul style="list-style-type: none"> • Measure the resistance between coil antenna terminal B and ground. 	Yes	Replace the coil antenna. (See COIL ANTENNA REMOVAL/INSTALLATION.)
		No	Repair the wiring harness.
	- Is the resistance 10 kilohms or more ?		
7	INSPECT COIL ANTENNA OUTPUT SIGNAL CIRCUIT <ul style="list-style-type: none"> • Connect the coil antenna connector and the instrument cluster connector. • Turn the ignition switch to the ON position. • Measure the voltage at coil antenna terminal A. 	Yes	Replace the coil antenna. (See COIL ANTENNA REMOVAL/INSTALLATION.)
		No	Go to the next step.
	- Is the voltage 8 V or more ?		
8	INSPECT COIL ANTENNA OUTPUT SIGNAL CIRCUIT <ul style="list-style-type: none"> • Turn the ignition switch to the LOCK position. • Disconnect the coil antenna connector. • Turn the ignition switch to the ON position. • Measure the voltage at coil antenna terminal A. 	Yes	Replace the coil antenna. (See COIL ANTENNA REMOVAL/INSTALLATION.)
		No	Go to the next step.

	- Is the voltage 8 V or more?		
9	INSPECT COMMUNICATION CIRCUIT (OUTPUT) FOR CONTINUITY <ul style="list-style-type: none"> • Turn the ignition switch to the LOCK position. • Disconnect the instrument cluster connector. • Is there continuity between coil antenna terminal A and instrument cluster terminal 2Q? 	Yes	Repair the wiring harness.
		No	Go to the next step.
10	INSPECT COIL ANTENNA OUTPUT SIGNAL CIRCUIT <ul style="list-style-type: none"> • Measure the resistance between instrument cluster terminal 2Q and ground. <p>- Is the resistance 10 kilohms or more?</p>	Yes	Replace the instrument cluster and perform the resetting procedure for the immobilizer system when replacing the instrument cluster. (See INSTRUMENT CLUSTER REMOVAL/INSTALLATION.) (See IMMOBILIZER SYSTEM COMPONENT REPLACEMENT/KEY ADDITION AND CLEARING.)
		No	Repair the wiring harness.