

DISCHARGE HEADLIGHT SYSTEM INSPECTION

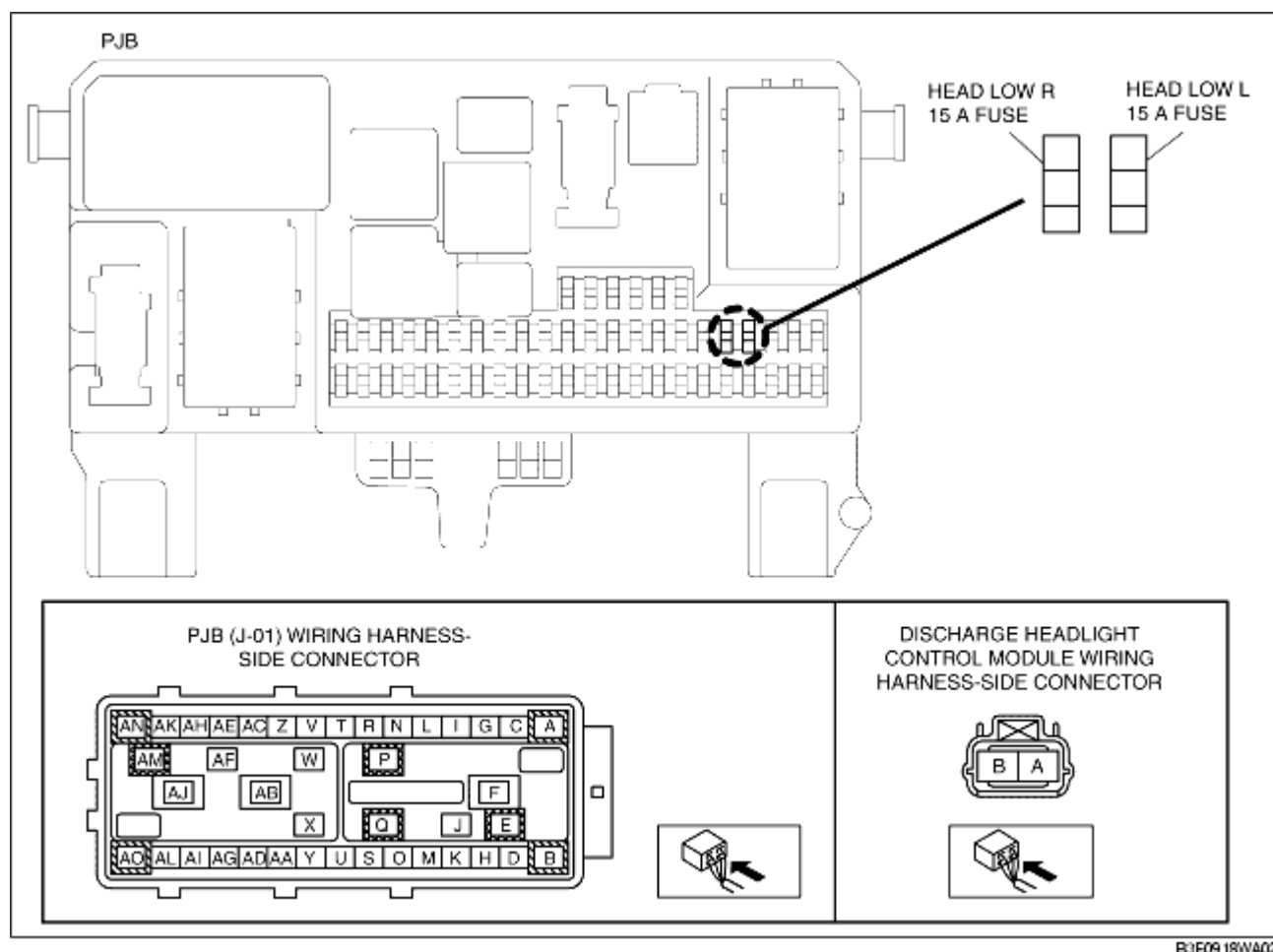
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Discharge Headlight Inoperative

Warning

- Incorrect servicing of the discharge headlights could result in electrical shock. Before servicing the discharge headlights, always refer to the discharge headlight service warnings. (See [DISCHARGE HEADLIGHT SERVICE WARNINGS](#).)

Terminal layout



B3E09 19WA02

Inspection procedure

STEP	INSPECTION	ACTION
1	INSPECT POWER SUPPLY CIRCUIT OF DISCHARGE HEADLIGHT CONTROL MODULE <ul style="list-style-type: none"> • Disconnect the discharge headlight control module connector. • Turn the headlight switch to the HEADLIGHT (LO) position. • Measure the voltage at discharge headlight control module terminal A (wiring harness-side). 	Yes Go to Step 6.
		No Go to the next step.

	• Is the voltage approx. 12 V ?		
2	INSPECT FUSE <ul style="list-style-type: none"> • Turn the headlight switch to the OFF position. • Remove the HEAD LOW R 15 A fuse (RH) or HEAD LOW L 15 A fuse (LH). • Inspect the fuses. • Are the fuses normal? 	Yes	Go to the next step.
		No	Replace the fuse.
3	INSPECT HEADLIGHT RELAY <ul style="list-style-type: none"> • Inspect the PJB. (See PASSENGER JUNCTION BOX (PJB) INSPECTION.) • Is the headlight relay normal? 	Yes	Go to the next step.
		No	Replace the PJB. (See PASSENGER JUNCTION BOX (PJB) REMOVAL/INSTALLATION.)
4	INSPECT LIGHT SWITCH <ul style="list-style-type: none"> • Inspect the light switch. (See LIGHT SWITCH INSPECTION.) • Is the light switch normal? 	Yes	Go to the next step.
		No	Replace the light switch. (See LIGHT SWITCH REMOVAL/INSTALLATION.)
5	INSPECT WIRING HARNESS BETWEEN BATTERY AND DISCHARGE HEADLIGHT CONTROL MODULE <ul style="list-style-type: none"> • Disconnect the negative battery cable. • Inspect for continuity between the following terminals: <ul style="list-style-type: none"> - Battery (positive terminal) and PJB (terminal J-01 AM) - HEAD LOW R 15 A fuse (RH) and discharge headlight control module terminal A - HEAD LOW L 15 A fuse (LH) discharge headlight control module terminal A • Are the wiring harnesses normal? 	Yes	Go to the next step.
		No	Replace the related wiring harness.
6	INSPECT WIRING HARNESS BETWEEN DISCHARGE HEADLIGHT CONTROL MODULE AND GROUND <ul style="list-style-type: none"> • Inspect the wiring harness between discharge headlight control module terminal B and ground for the following: <ul style="list-style-type: none"> - Short to power supply - Open circuit • Is the wiring harness normal? 	Yes	Go to the next step.
		No	Replace the related wiring harness.
7	VERIFY WHETHER MALFUNCTION IS IN DISCHARGE HEADLIGHT BULB OR DISCHARGE HEADLIGHT CONTROL MODULE <ul style="list-style-type: none"> • Install any other discharge headlight bulb (low-beam). (See HEADLIGHT BULB REMOVAL/INSTALLATION.) • Connect the discharge headlight control module connector. • Turn the headlight switch to the HEADLIGHT (LO) position. • Does the headlight (low-beam) illuminate? 	Yes	System inspection completed.
		No	Replace the discharge headlight control module. (See DISCHARGE HEADLIGHT CONTROL MODULE REMOVAL/INSTALLATION.)