

CIRCUIT INSPECTION

Rain Sensor Circuit

CIRCUIT DESCRIPTION

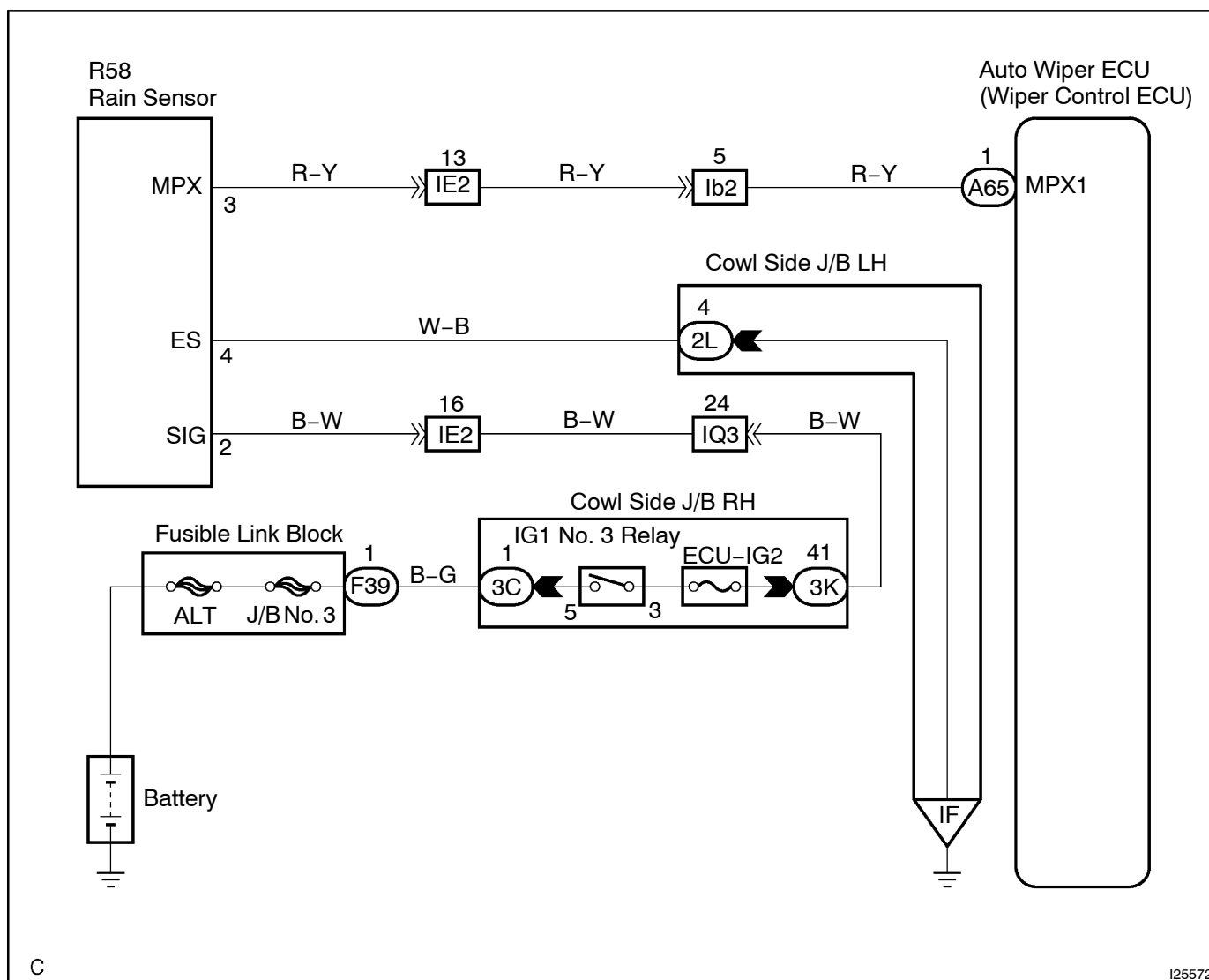
This circuit provides power to operate the rain sensor.

The auto wiper system is operated the wiper switch being in the auto position.

The rain sensor is connected to each ECU at the multiplex communication circuit.

When it detects raindrops that are stuck to the detection area of the windshield glass, it sends the wiper control signal according to the amount of raindrops to the Wiper Control ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check ECU-IG2 fuse.

CHECK:

Check continuity of ECU-IG2 fuse.

OK:

Continuity

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Replace the failure fuse.

OK

2 Check voltage between terminal SIG and ES of rain sensor.

PREPARATION:

Turn ignition switch ON.

CHECK:

Measure voltage between terminals SIG and ES of rain sensor with connector being connected.

OK:

Voltage: 10 – 14V

OK

Proceed to next circuit inspection shown on problem symptoms table ([See page DI-930](#)).

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3 Check wire harness and connector between rain sensor and body ground ([See page IN-38](#)).

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Repair or replace wire harness or connector.

OK

Check and repair wire harness and connector between ECU and battery.