

## CIRCUIT INSPECTION

### Power Source Circuit

#### CIRCUIT DESCRIPTION

This circuit provides power to operate the rain sensor.

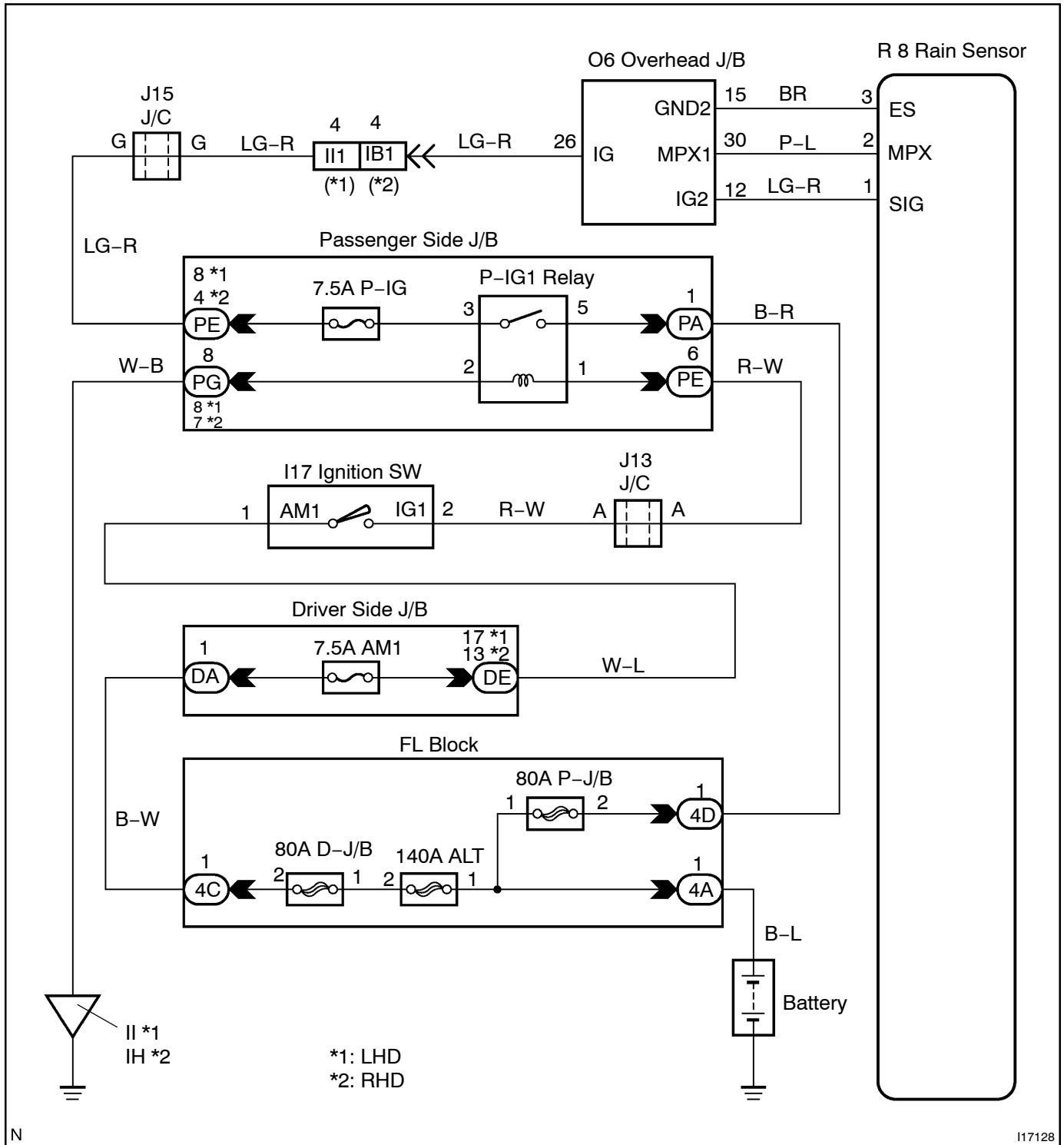
The auto wiper system is operated the wiper switch being in the auto position.

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 Passenger Side J/B ECU.

It also sends signals to the radar cruise control system, the mirror defogger system and others.

WIRING DIAGRAM



N

I17128

**INSPECTION PROCEDURE****1** Check P-IG fuse.**CHECK:**

Check continuity of P-IG fuse.

**OK:**

Continuity

NG

Replace the failure fuse.

OK

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

- (a) Turn ignition switch ON.
- (b) Disconnect the rain sensor connector.

**CHECK:**

Measure voltage between terminals SIG and ES of rain sensor.

**OK:**

Voltage: 10 - 14V

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-985).

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**3** Check wireharness and connector between rain sensor and body ground (See page N-35).

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Repair or replace wireharness or connector.

OK

Check and repair wireharness and connector between ECU and battery.