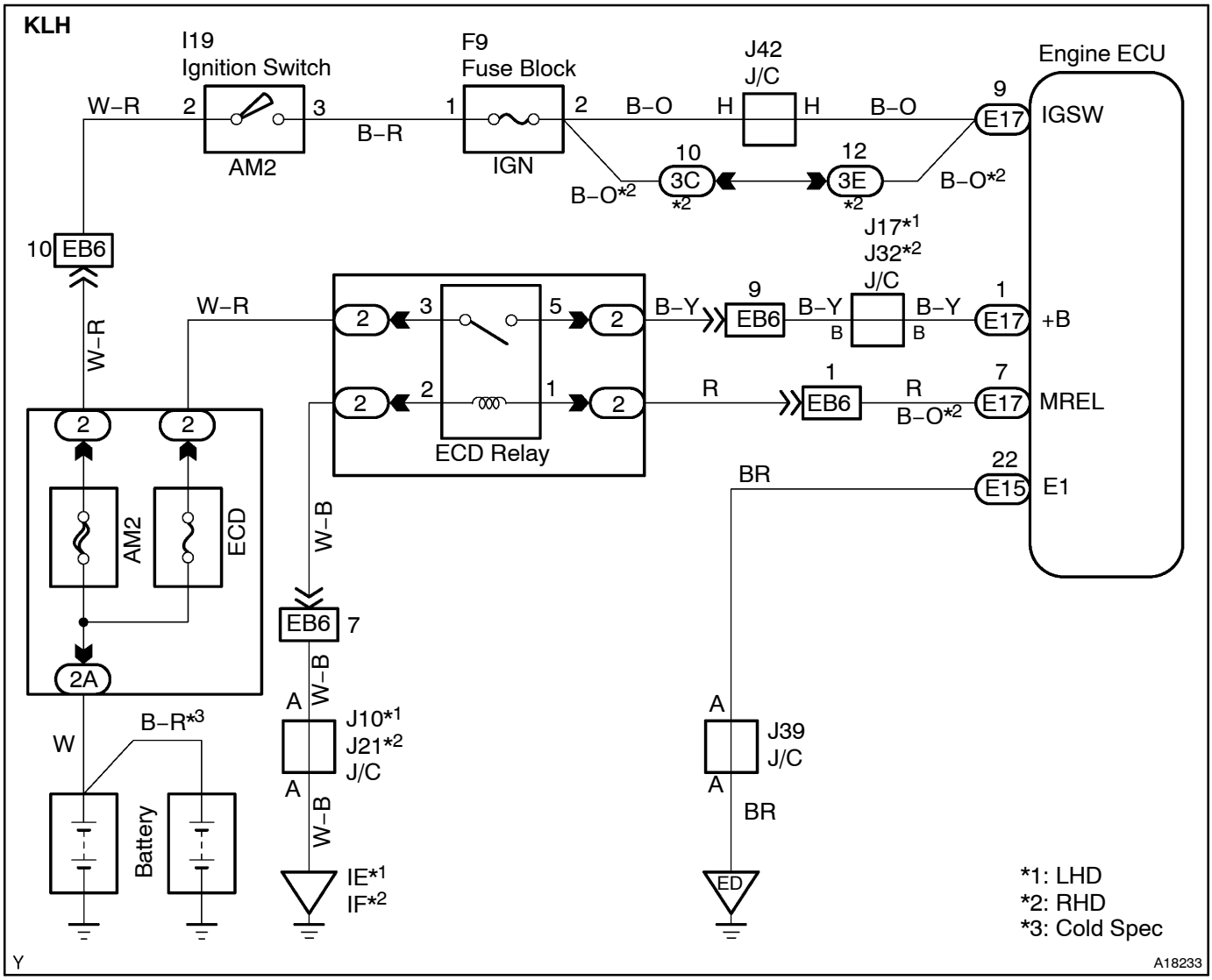
DI9SD–01

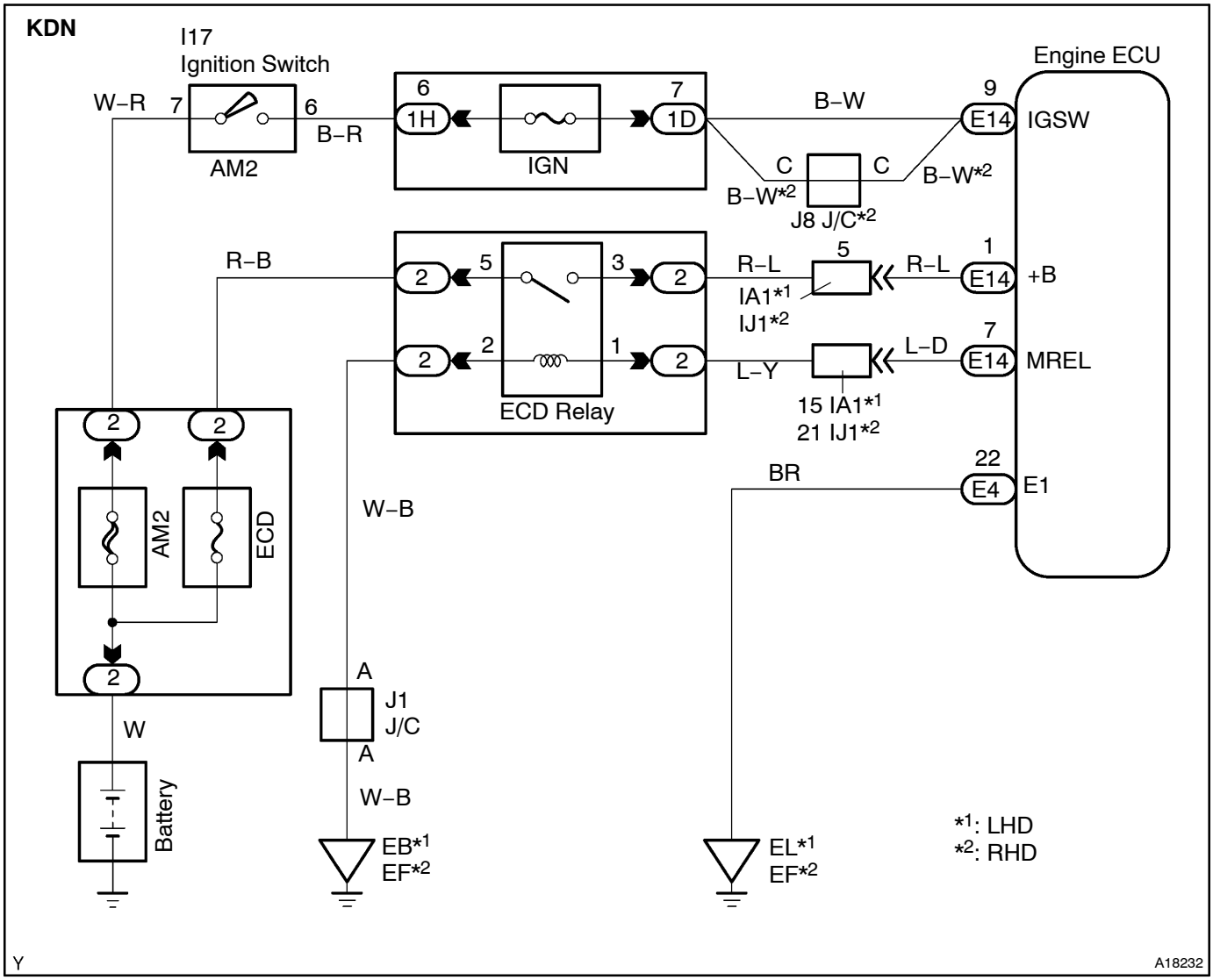
ECU Power Source Circuit

CIRCUIT DESCRIPTION

When the ignition switch is turned ON,the engine ECU is supplied the power source.

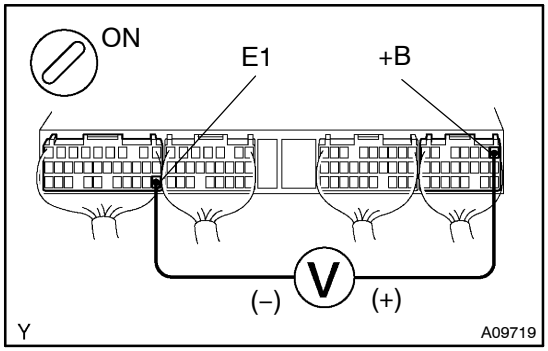
WIRING DIAGRAM





INSPECTION PROCEDURE

1	**Check voltage between terminals +B and E1 of engine ECU connector.**



PREPARATION:

(a) Remove the glove compartment box.

(b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminals +B and E1.

OK:

Voltage: 9 – 14 V

OK	**Proceed to next circuit inspection shown on problem symptoms table (See page DI–22).**

NG

2	**Check for open in harness and connector between terminal E1 of engine ECU and body ground (See page IN–20).**

NG → **Repair or replace harness or connector.**

OK

3	**Check ECD relay (See page ED–9).**

NG → **Replace ECD relay.**

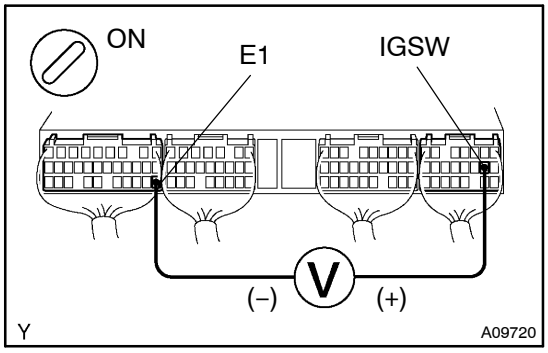
OK

4	**Check ECD fuse.**

NG → **Check for short in all harness and components connected to ECD fuse.**

OK

5	**Check voltage between terminals IGSW and E1 of engine ECU connector.**



PREPARATION:

(a) Remove the glove compartment box.

(b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminals IGSW and E1.

OK:

Voltage : 9 – 14 V

OK → **Go to step 8.**

NG

6	**Check ignition switch (See Pub. No. RM517E BE section).**

NG → **Replace ignition switch.**

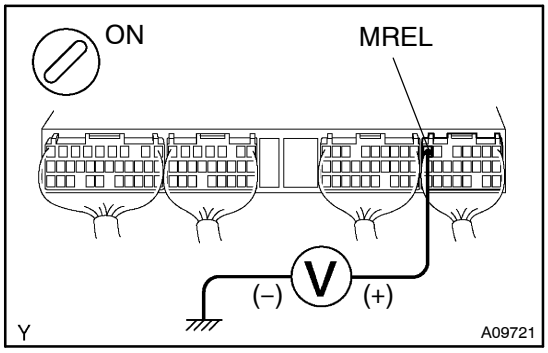
OK

7	**Check for open in harness and connector between ignition switch and engine ECU (See page IN–20).**

NG → **Repair or replace harness or connector.**

OK

8	**Check voltage between terminal MREL of engine ECU connector and body ground.**



PREPARATION:

(a) Remove the glove compartment box.

(b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminal MREL of the engine ECU connector and body ground.

OK:

Voltage: 9 – 14 V

OK → **Check and replace engine ECU (See page IN–20).**

NG

Check for harness and connector between engine ECU, and ECD relay and battery (See page IN–20)