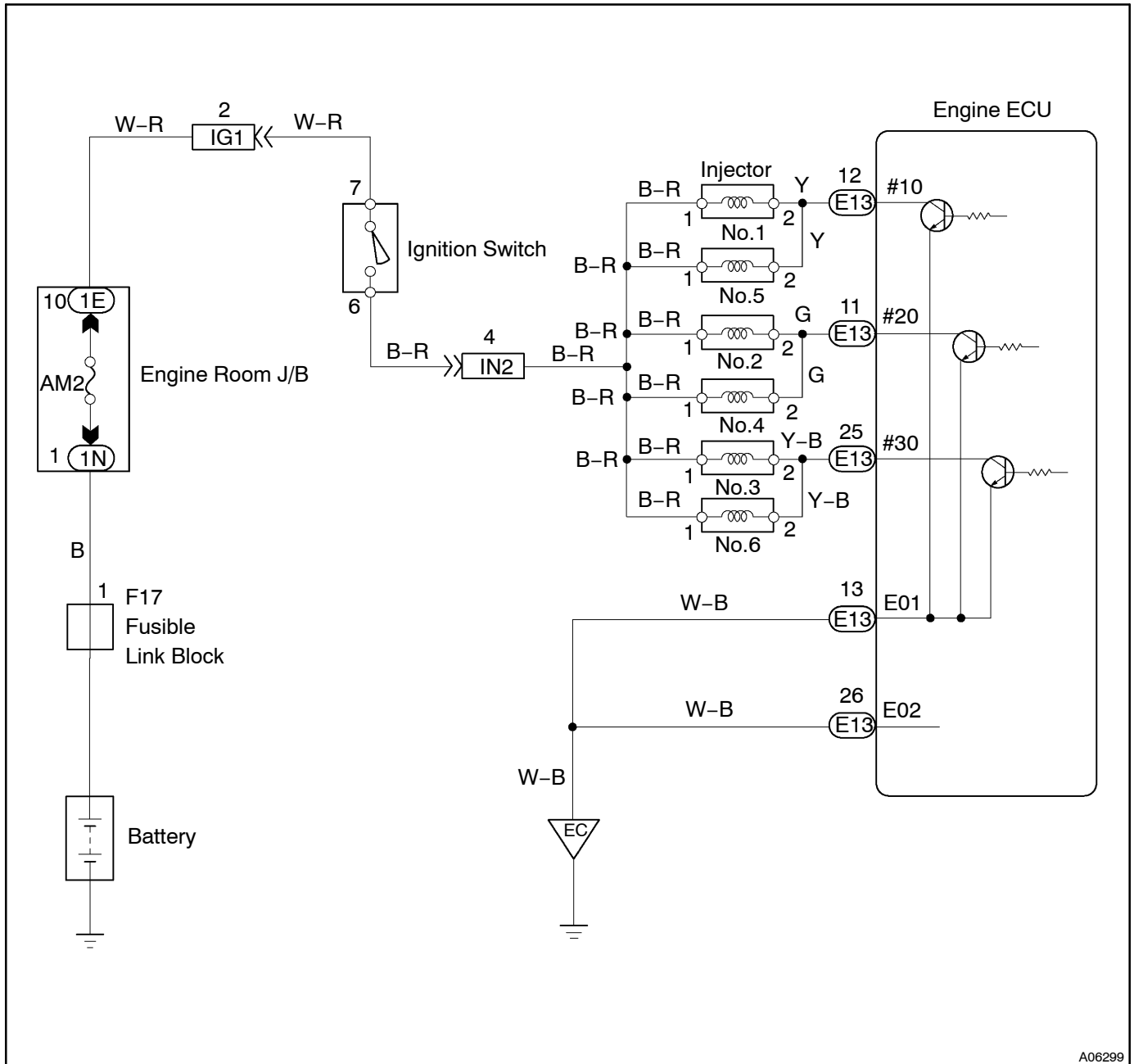


Injector Circuit

CIRCUIT DESCRIPTION

The injectors are located in the intake manifold. They inject fuel into the cylinders based on the signals from the engine ECU.

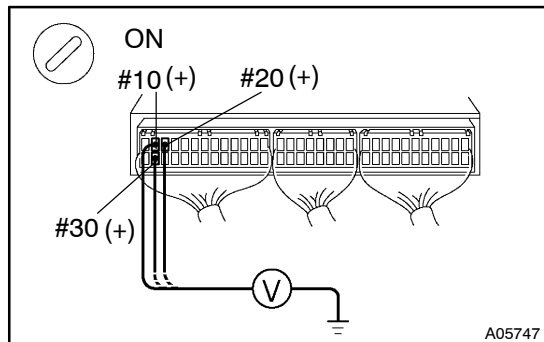
WIRING DIAGRAM



A06299

INSPECTION PROCEDURE

1 Check voltage between terminals #10 ~ 30 of engine ECU and body ground.



PREPARATION:

- (a) Remove the glove compartment door.
- (b) Turn the ignition switch ON.

CHECK:

Measure voltage between terminals #10 ~ 30 of engine ECU and body ground.

OK:

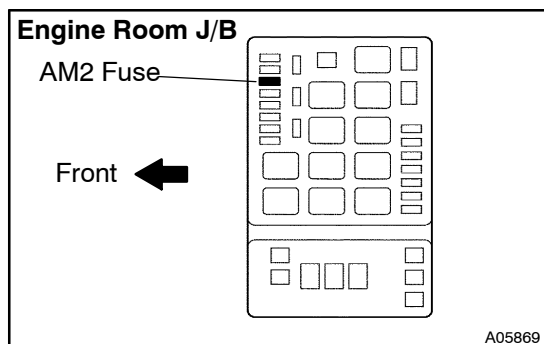
Voltage: 9 – 14 V

OK

Go to step 4.

NG

2 Check AM2 fuse.



PREPARATION:

Remove AM2 fuse from engine room J/B.

CHECK:

Check continuity of AM2 fuse.

OK:

Continuity

NG

Check for short in the harness and all the components connected to AM2 fuse.

OK

3	Check resistance of injectors (See page FI-21).
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NG	Replace injector.
----	-------------------

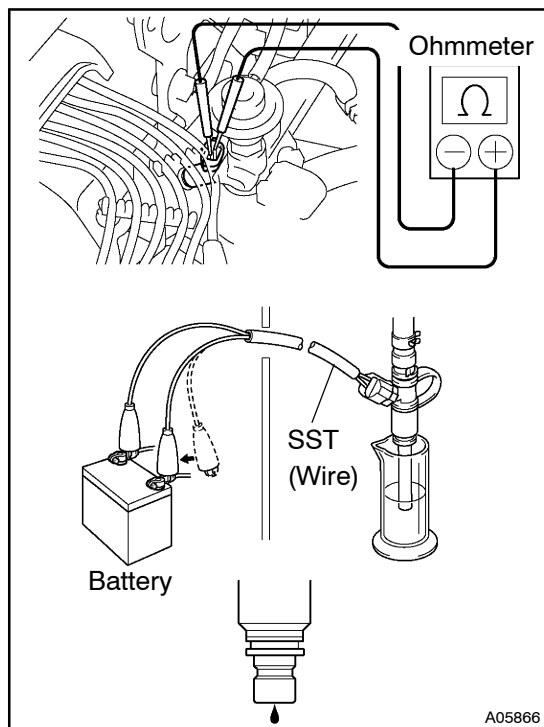
OK

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

4	Check for open in harness and connector between terminal E01, E02 of engine ECU connector and body ground (See page N-19).
---	--

NG	Repair or replace harness or connector.
----	---

OK

5 Check injectors.**PREPARATION:**

Disconnect the injector connectors.

CHECK:

Measure resistance of injectors.

OK:

Resistance: 13.4 – 14.2 Ω at 20°C (68°F)

CHECK:

Check injection volume of injectors.

OK:

Injection volume:

71 – 86 cm^3 (4.3 – 5.2 cu in.)/15 sec.

Difference between each injector:

Less than 13 cm^3 (0.8 cu in.)

Leakage: One drop or less per minute

NG**Replace injector(s).****OK**

Proceed to next circuit inspection shown on problem symptoms table (See page DI-21).