

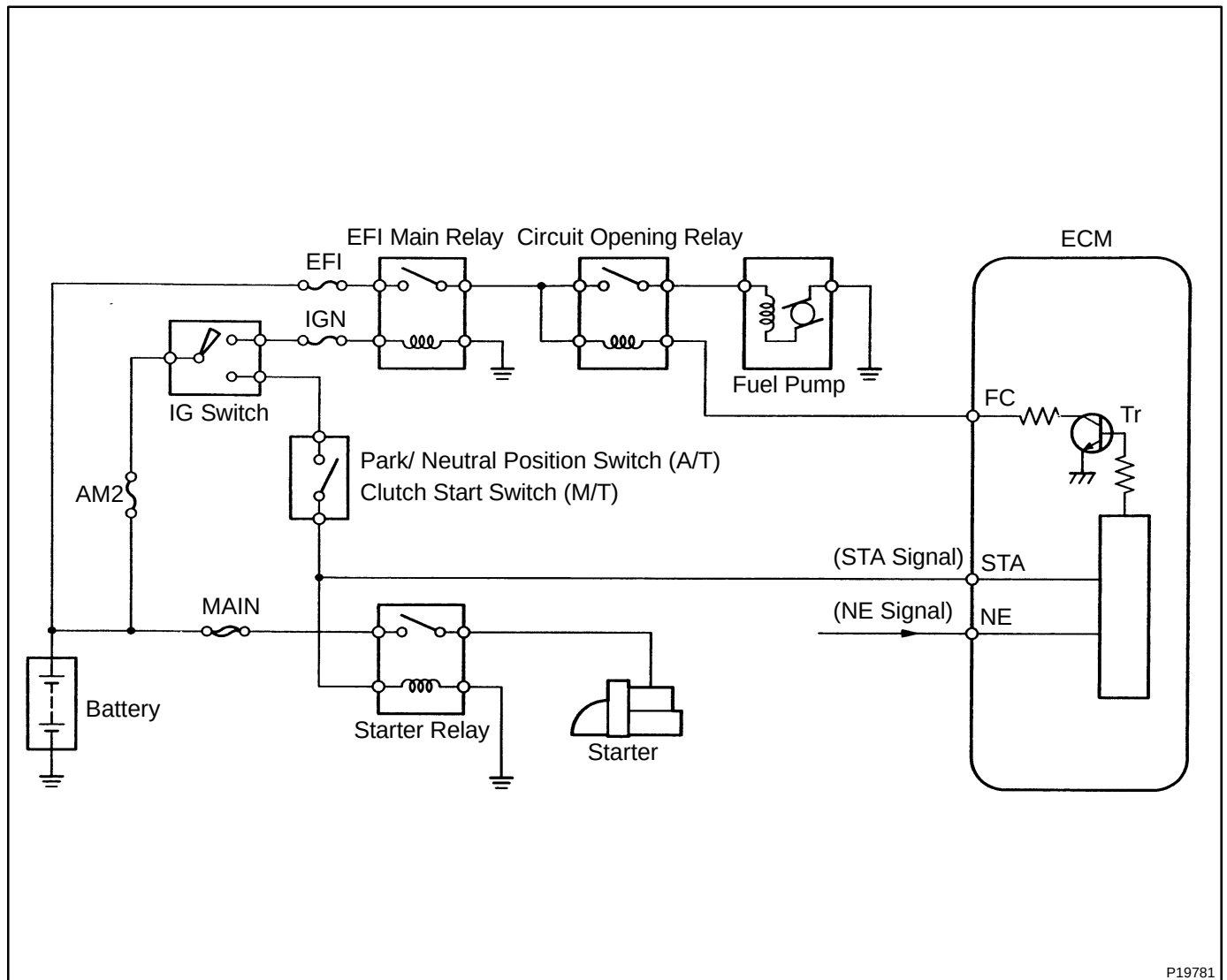
Fuel Pump Control Circuit

CIRCUIT DESCRIPTION

In the diagram below, when the engine is cranked, current flows from terminal ST of the ignition switch to the starter relay coil and also current flows to terminal STA of ECM (STA signal).

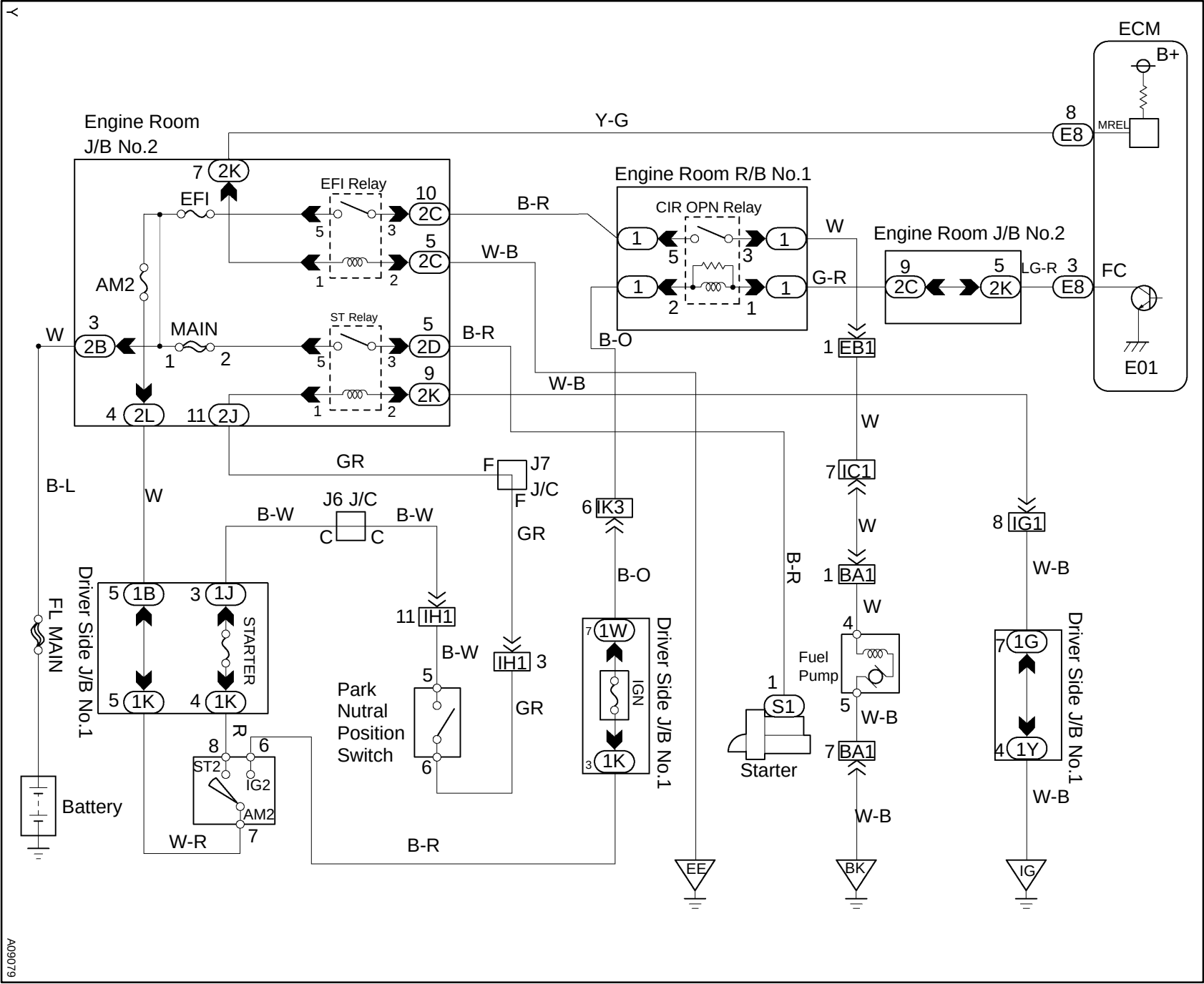
When the STA signal and NE signal are input to the ECM, Tr is turned ON, current flows to coil of the circuit opening relay, the relay switches on, power is supplied to the fuel pump and the fuel pump operates.

While the NE signal is generated (engine running), the ECM keeps Tr ON (circuit opening relay ON) and the fuel pump also keeps operating.



P19781

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check operation of fuel pump (See page SF-6).
---	--

OK	Check for starter signal circuit (See page DI-141).
----	--

NG

2	Check for ECM power source circuit (See page DI-144).
---	--

NG	Repair or replace.
----	--------------------

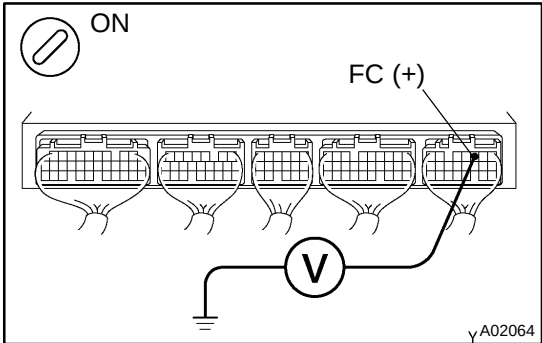
OK

3	Check circuit opening relay (See page SF-66).
---	--

NG	Replace circuit opening relay.
----	--------------------------------

OK

4	Check voltage between terminal FC of ECM and body ground
---	--



PREPARATION:

- (a) Remove the glove compartment (See page [SF-83](#)).
- (b) Turn ignition switch ON.

CHECK:

Measure voltage between terminal FC of ECM and body ground.

OK:

Voltage 9 - 14 V

NG	Check for open in harness and connector between EFI main relay (Marking: EFI) and circuit opening relay, circuit opening relay and ECM.
----	---

OK

5	Check fuel pump (See page SF-6).
---	---

NG

Repair or replace fuel pump.

OK

6	Check for open in harness and connector between circuit opening relay and fuel pump, fuel pump and body ground (See page IN-31).
---	---

NG

Repair or replace harness or connector.

OK

Check and replace ECM (See page [IN-31](#)).