

# INTEGRATION RELAY

## ON-VEHICLE INSPECTION

### 1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

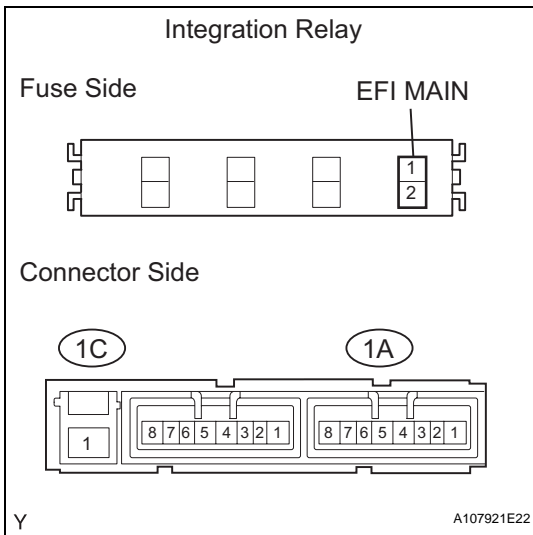
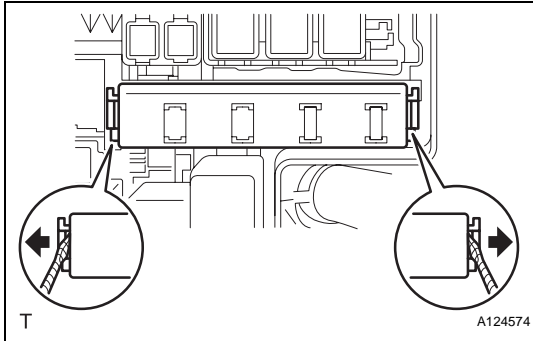
#### CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

### 2. INSPECT INTEGRATION RELAY

#### NOTICE:

- The EFI relay is built into the integration relay (unit A: EFI MAIN).
- Some relays are built into the integration relay. The integration relay cannot be disassembled. If there is a malfunction in the circuit of the integration relay, replace the integration relay.



- (a) Using a screwdriver, detach the 2 claws and disconnect the integration relay from the engine room No. 1 junction block.

#### HINT:

Tape the screwdriver tip before use.

- (b) Disconnect the 3 connectors from the integration relay.

- (c) Inspect the EFI MAIN relay.

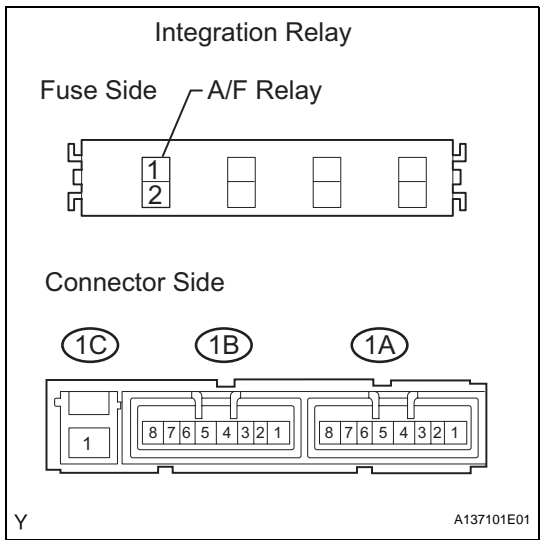
- (1) Check the resistance of the EFI MAIN fuse. If the result is not as specified, replace the EFI MAIN fuse.

- (2) Measure the resistance of the integration relay.

#### Standard resistance

Tester Connection	Specified Condition
1A-4 - 1C-1	10 kΩ or higher
1A-4 - 1A-1	
1A-4 - 1C-1	Below 1 Ω (when battery voltage is applied to terminals 1A-3 and 1A-2)
1A-4 - 1A-1	

If the result is not as specified, replace the integration relay.



- (d) Inspect the A/F relay.
  - (1) Check the resistance of the A/F fuse.  
If the result is not as specified, replace the A/F fuse.
  - (2) Measure the resistance of the integration relay.

**Standard resistance**

Tester Connection	Specified Condition
1B-8 - 1C-1	10 kΩ or higher
1B-8 - 1B-5	
1B-8 - 1C-1	Below 1 Ω (when battery voltage is applied to terminals 1B-6 and 1B-7)
1B-8 - 1B-5	

If the result is not as specified, replace the integration relay.

**3. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**