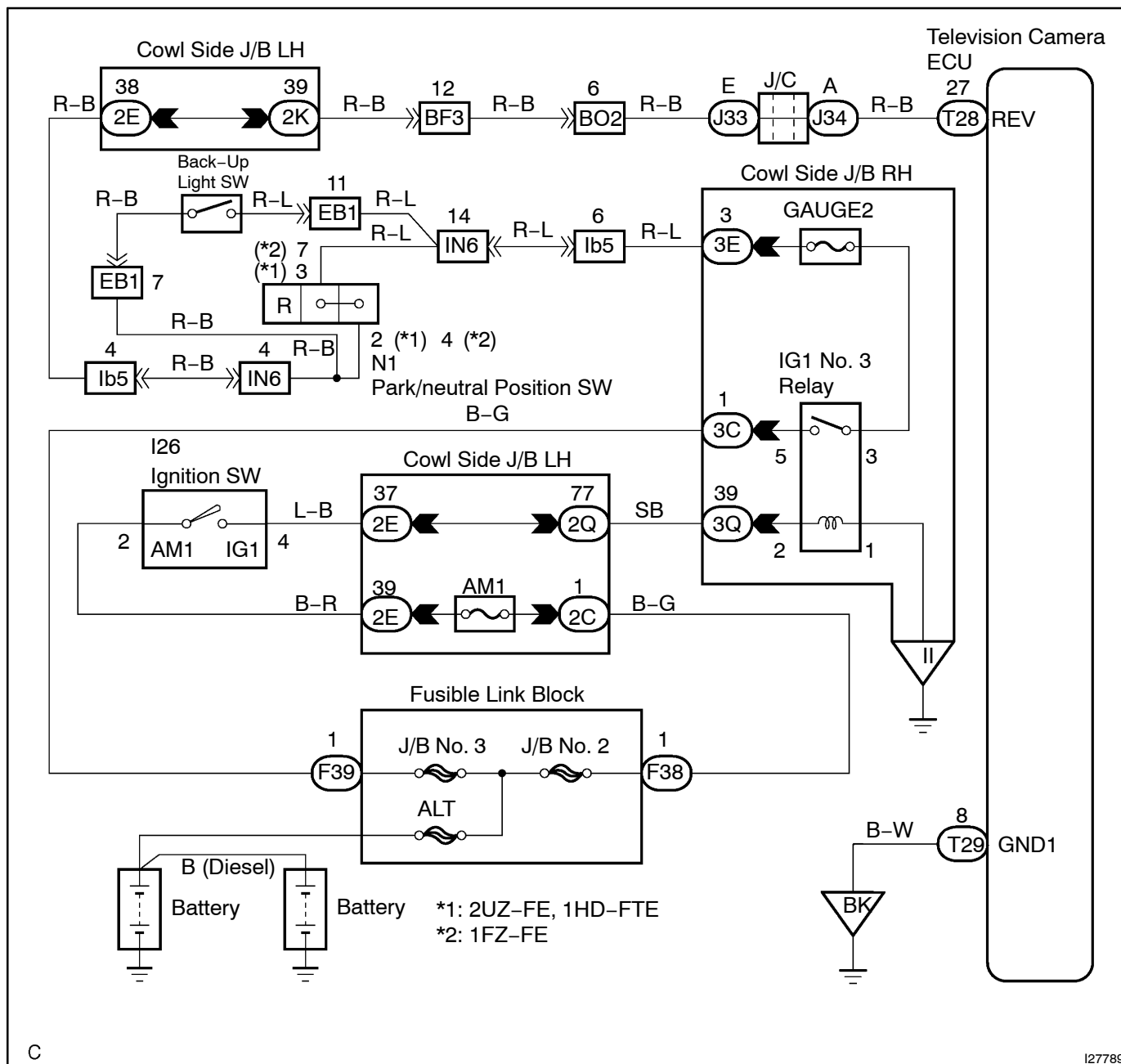


## Reverse Signal Circuit

### CIRCUIT DESCRIPTION

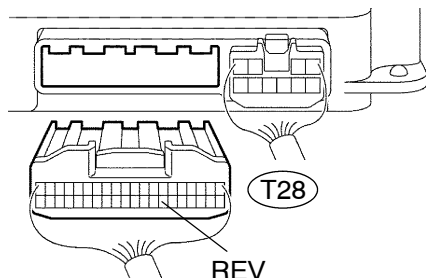
The television camera ECU receives the reverse signal from the park/neutral position switch.

### WIRING DIAGRAM



## INSPECTION PROCEDURE

- |   |   |
|---|---|
| 1 | <b>Check for open or short circuit in harness and connector between terminal REV of television camera ECU and park/neutral position switch.</b> |
|---|---|

**Television Camera ECU:**

I27388

- (a) Disconnect the T28 connector from the television camera ECU.
- (b) Disconnect the P1 connector from the park/neutral position switch assembly.
- (c) Measure the resistance according to the value(s) in the table below.

**Standard:****A/T (2UZ-FE, 1HD-FTE):**

Tester connection	Condition	Specified condition
REV - N1-2	Always	Below 1 $\Omega$
REV - Body ground	Always	10 k $\Omega$ or higher

**A/T (1FZ-FE):**

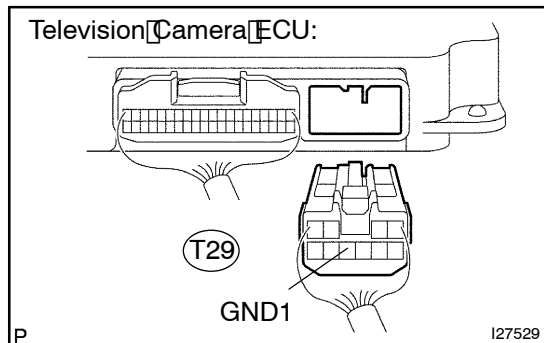
Tester connection	Condition	Specified condition
REV - N1-4	Always	Below 1 $\Omega$
REV - Body ground	Always	10 k $\Omega$ or higher

**M/T:**

Tester connection	Condition	Specified condition
REV - B1-1	Always	Below 1 $\Omega$
REV - Body ground	Always	10 k $\Omega$ or higher

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

## 2 Check for open circuit in harness and connector between terminal GND1 of television camera ECU and body ground.



- Connect the P1 connector to the park/neutral position switch assembly.
- Measure the resistance according to the value(s) in the table below.

### Standard:

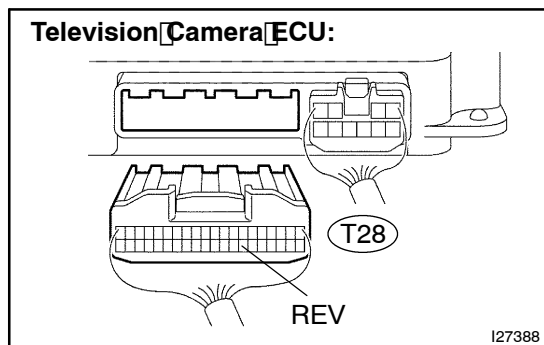
Tester connection (Terminal No.)	Condition	Specified condition
GND1 (T29-8) - Body ground	Always	Below 1 Ω

NG

Repair or replace harness or connector.

OK

## 3 Check voltage between terminals REV of television camera ECU and body ground.



- Measure the voltage according to the value(s) in the table below.

### Standard:

Tester connection (Terminal No.)	Condition	Specified condition
REV (T28-27) - Body ground	IG SW ON, Shift lever R position	10 to 14 V

NG

Inspect park/neutral position switch.

OK

Proceed to next circuit inspection shown in problem symptoms table. (See page DI-209)