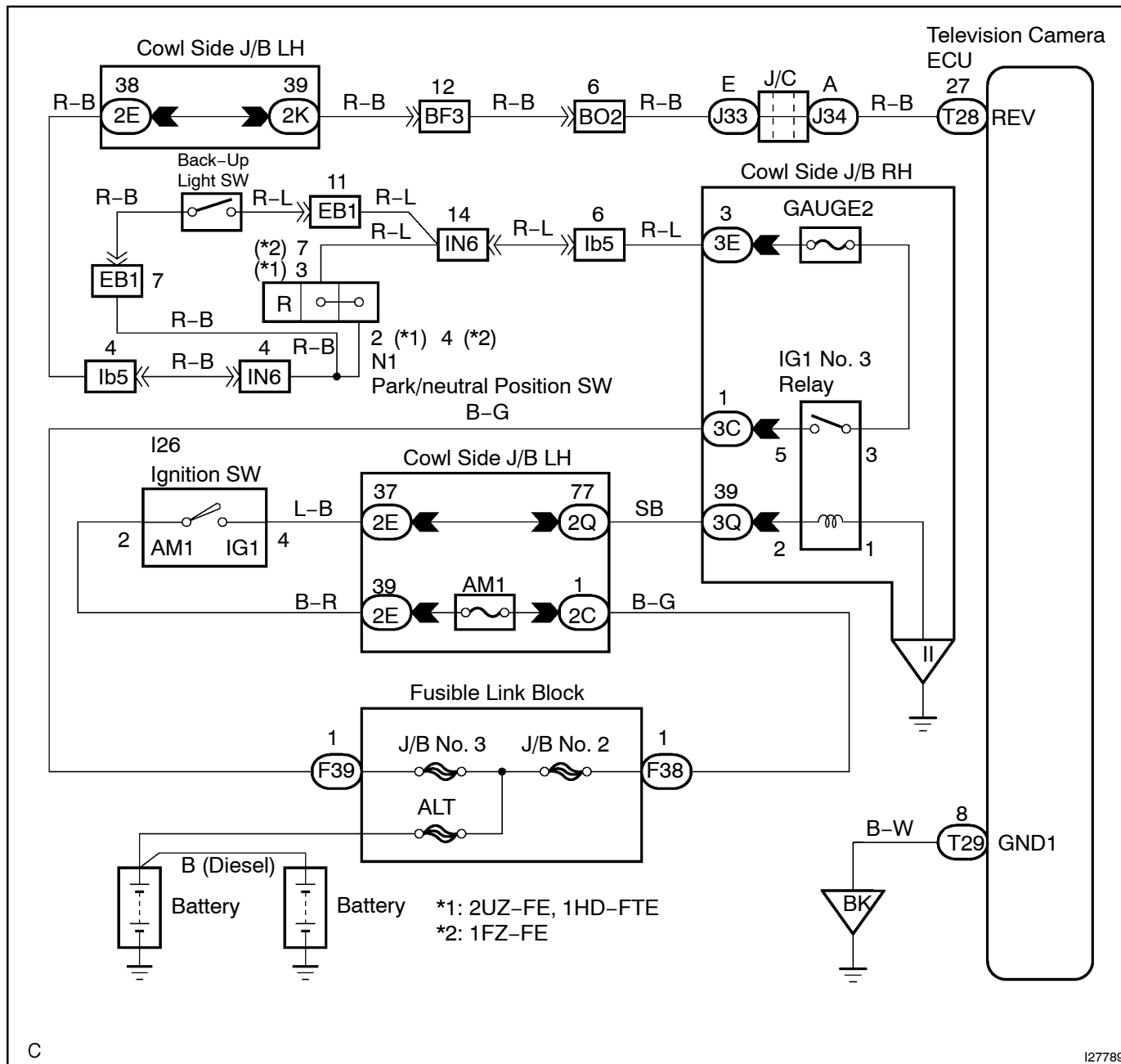


Reverse Signal Circuit

CIRCUIT DESCRIPTION

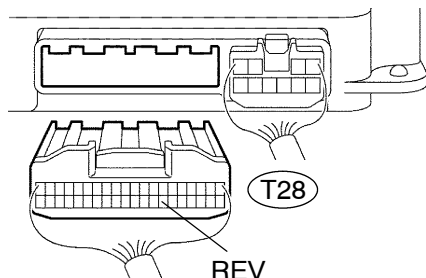
The television camera ECU receives the reverse signal from the park/neutral position switch.

WIRING DIAGRAM



INSPECTION PROCEDURE

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

Television Camera ECU:

- (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 Ω
REV - Body ground	Always	10 k Ω or higher

A/T (1FZ-FE):

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

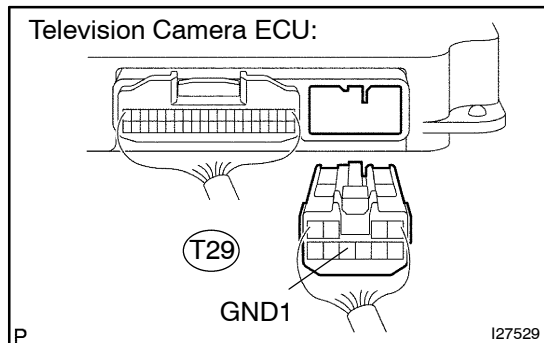
M/T:

Tester connection	Condition	Specified condition
REV - B1-1	Always	Below 1 Ω
REV - Body ground	Always	10 k Ω 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.

Television Camera ECU:



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

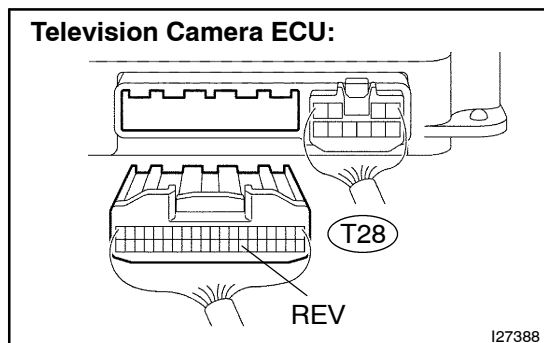
Standard:

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.

Television Camera ECU:



- 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)