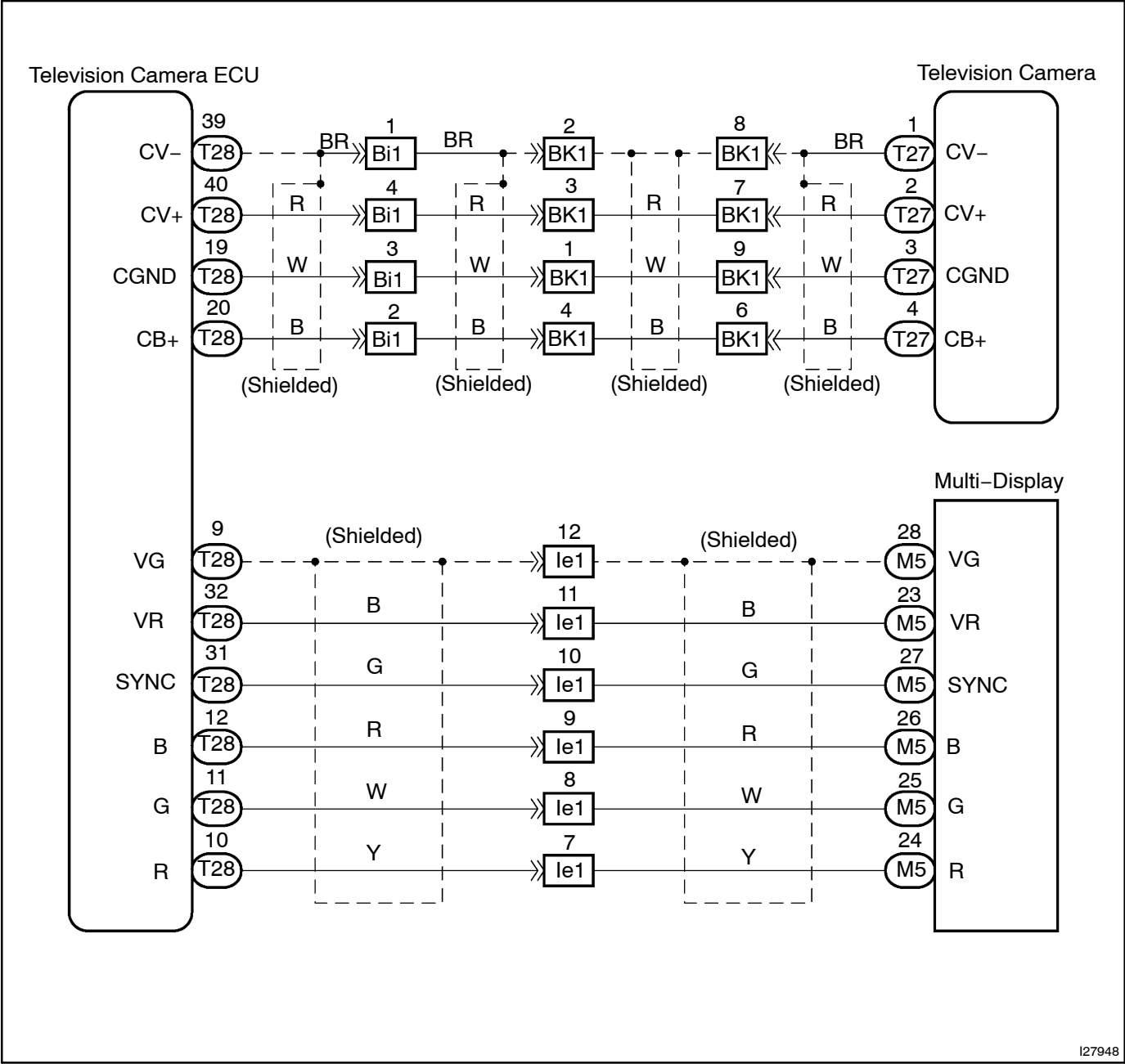


Display Signal Circuit

CIRCUIT DESCRIPTION

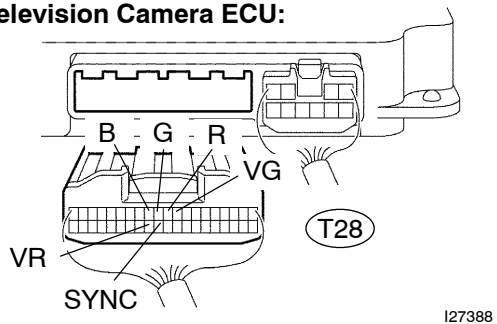
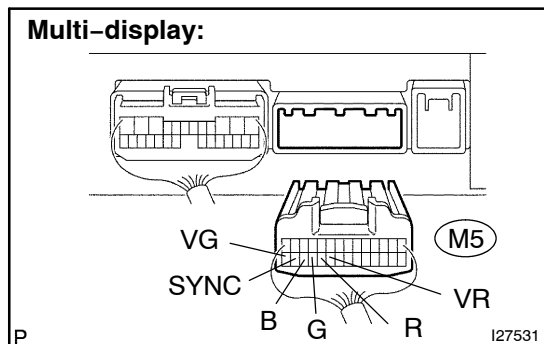
This is the display signal circuit from the multi-display controller sub-assembly to the multi-display assembly.

WIRING DIAGRAM



INSPECTION PROCEDURE

- 1 Check for open or short circuit in harness and connector between television camera ECU and multi-display assembly.**

Television Camera ECU:**Multi-display:**

- (a) Disconnect the connector from the television camera ECU and multi-display assembly.
 (b) Measure the resistance according to the value(s) in the table below.

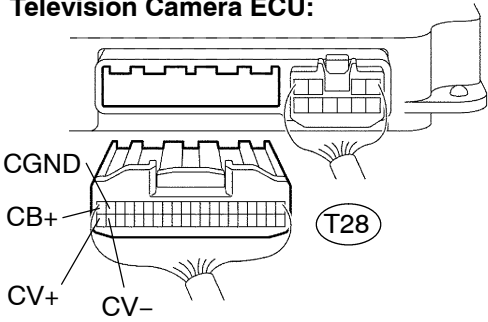
Standard:

Tester connection	Condition	Specified condition
R (T28-10) - R (M5-24)	Always	Below 1 Ω
G (T28-11) - G (M5-25)	Always	Below 1 Ω
B (T28-12) - B (M5-26)	Always	Below 1 Ω
SYNC (T28-31) - SYNC (M5-27)	Always	Below 1 Ω
VR (T28-32) - VR (M5-23)	Always	Below 1 Ω
VG (T28-9) - VG (M5-28)	Always	Below 1 Ω
R (T28-10) - Body ground	Always	10 k Ω or higher
G (T28-11) - Body ground	Always	10 k Ω or higher
B (T28-12) - Body ground	Always	10 k Ω or higher
SYNC (T28-31) - Body ground	Always	10 k Ω or higher
VR (T28-32) - Body ground	Always	10 k Ω or higher

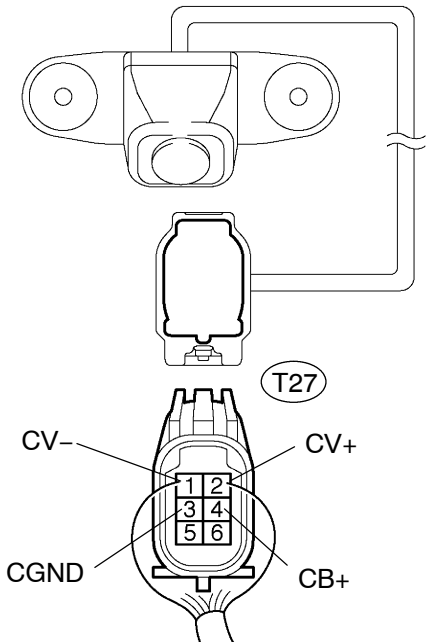
NG**Repair or replace harness or connector.****OK**

2 Check for open or short circuit in harness and connector between television camera ECU and television camera.

Television Camera ECU:



Television Camera assembly:



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- (a) Disconnect the T28 connector from the television camera ECU.
- (b) Disconnect the T27 connector from the television camera assembly.
- (c) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection (Terminal No.)	Condition	Specified condition
CB+ (T28-20) - CB+ (T27-4)	Always	Below 1 Ω
CGND (T28-19) - CGND (T27-3)	Always	Below 1 Ω
CV+ (T28-40) - CV+ (T27-2)	Always	Below 1 Ω
CV- (T28-39) - CV- (T27-1)	Always	Below 1 Ω
CB+ (T28-20) - Body ground	Always	10 k Ω or higher
CGND (T28-19) - Body ground	Always	10 k Ω or higher
CV+ (T28-40) - Body ground	Always	10 k Ω or higher
CV- (T28-39) - Body ground	Always	10 k Ω or higher

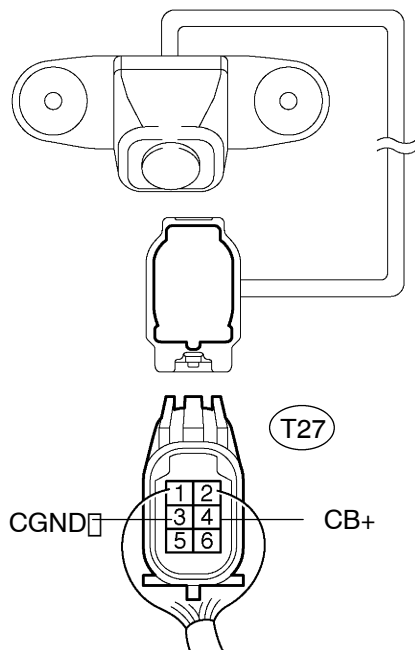
NG

Repair or replace harness or connector.

OK

3 Check voltage between terminals +CB and CGND of television camera.

Television Camera assembly:



- (a) Connect the T28 connector to the television camera ECU.
(b) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection (Terminal No.)	Condition	Specified condition
CB+ (T27-4) – CGND (T27-3)	IG SW ON, shift lever R position	Approx. 6 V

NG

Replace television camera ECU.

OK

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