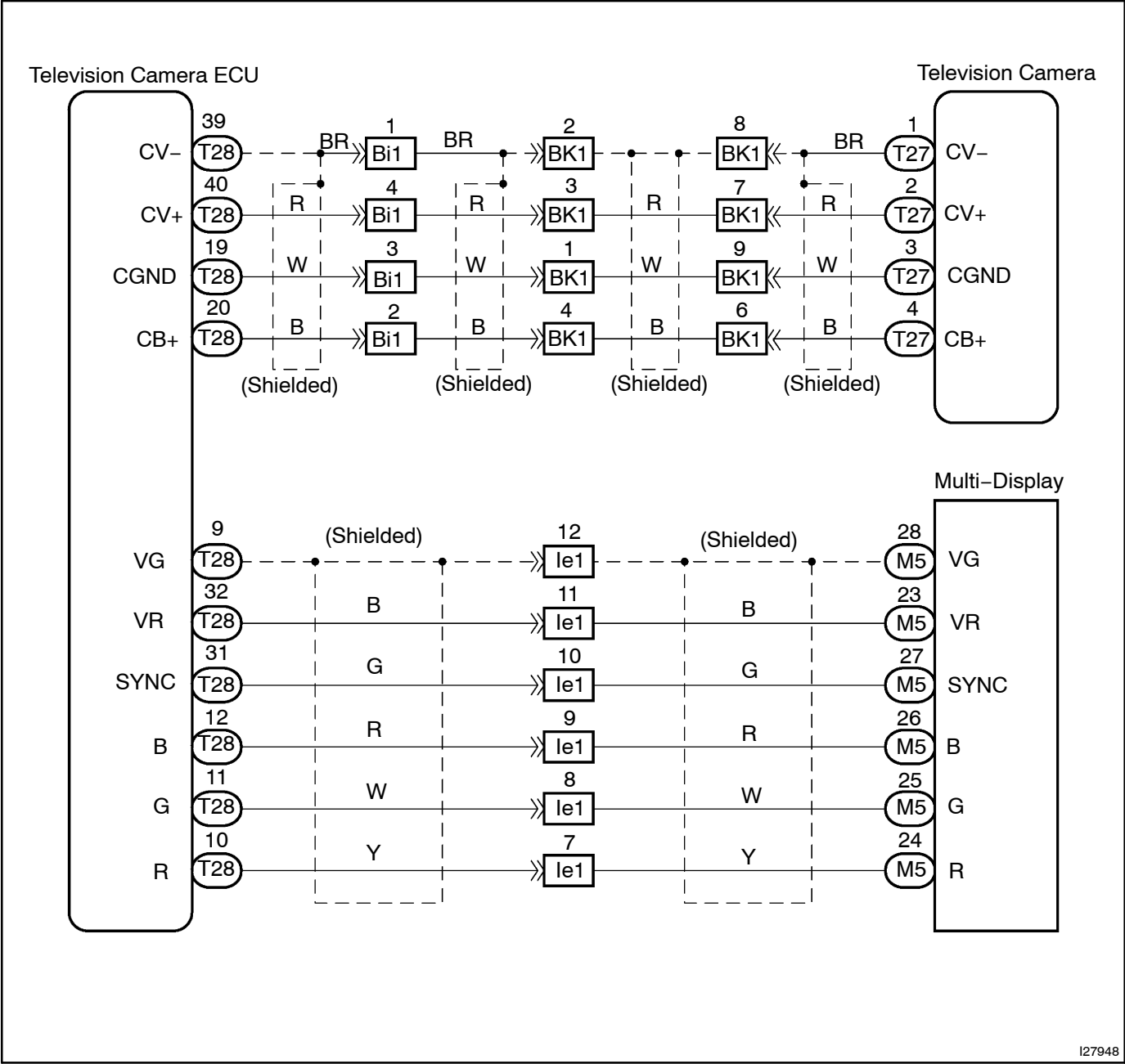


Display Signal Circuit

CIRCUIT DESCRIPTION

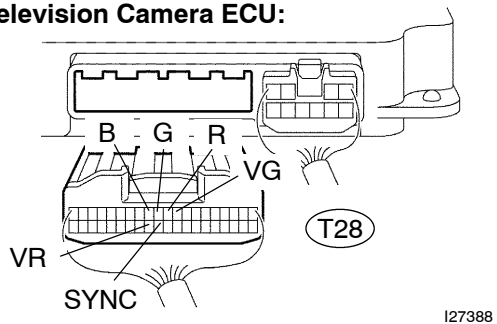
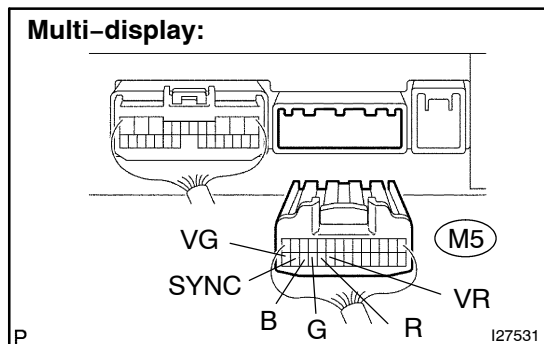
This is the display signal circuit from the multi –display controller sub –assembly to the multi –display assembly.

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.

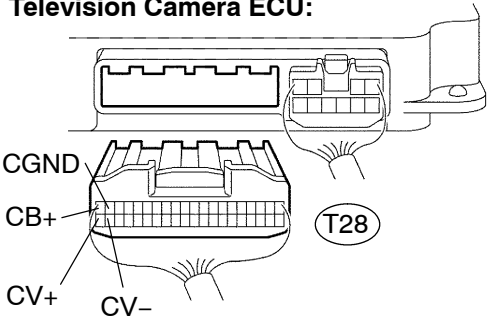
Standard:

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

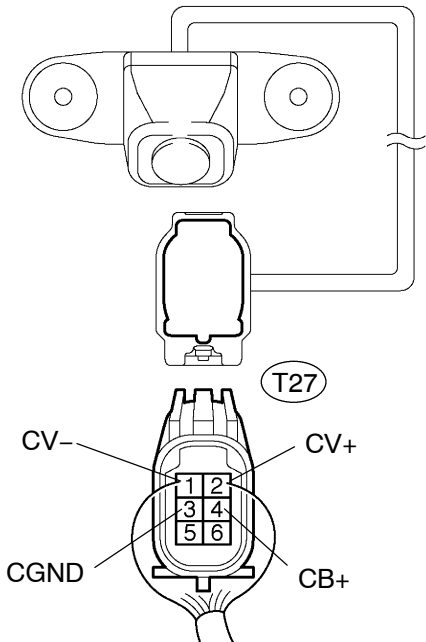
NG**Repair or replace harness or connector.****OK**

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

Television Camera ECU:



Television Camera assembly:



N

I27778

- (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

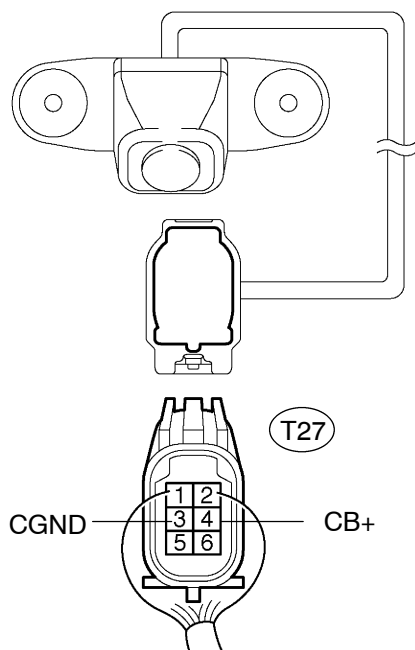
NG

Repair or replace harness or connector.

OK

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

Television Camera assembly:



N

I27735

- (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](#))