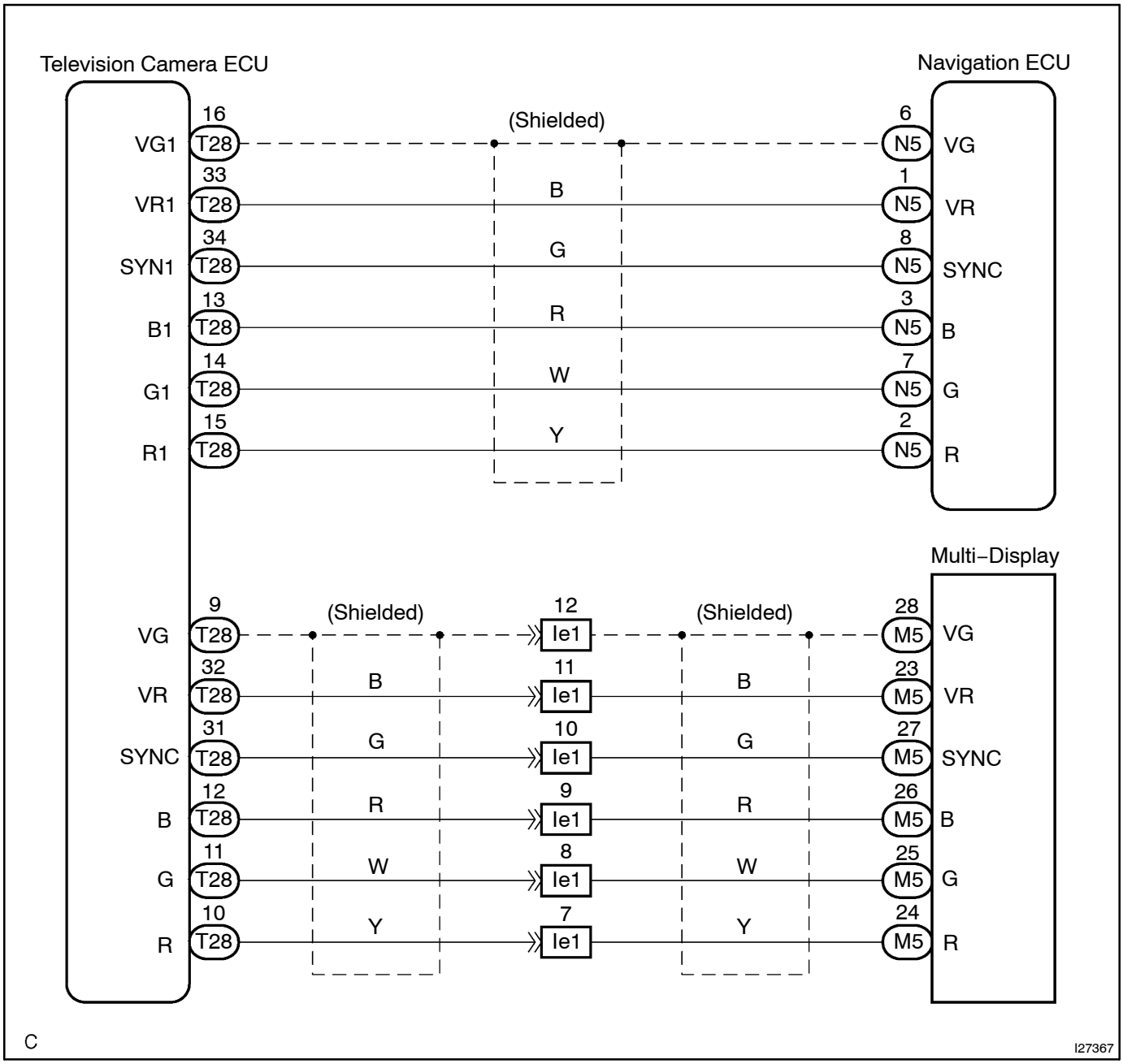
DICC8–03

Display Signal Circuit

CIRCUIT DESCRIPTION

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

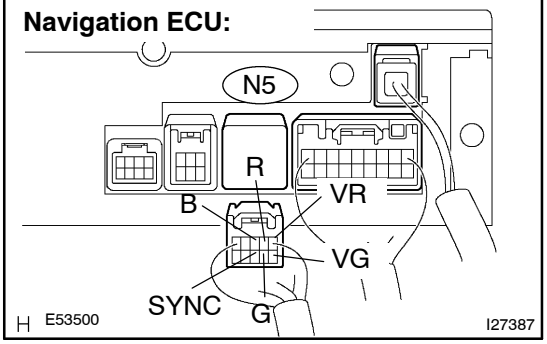
WIRING DIAGRAM



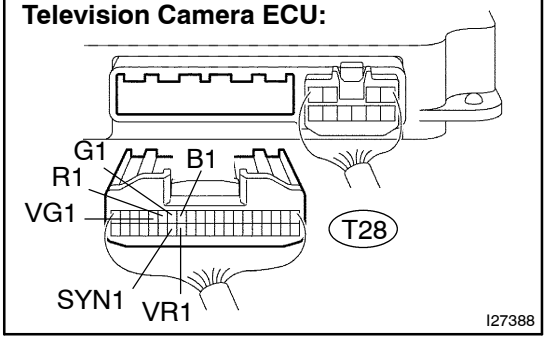
INSPECTION PROCEDURE

1	**Check for open or short circuit in harness and connector between navigation ECU and television camera ECU.**

Navigation ECU:



Television Camera ECU:



(a) Disconnect the connector from navigation ECU and television camera ECU.

(b) Measure the resistance according to the value(s) in the table below.

Standard:

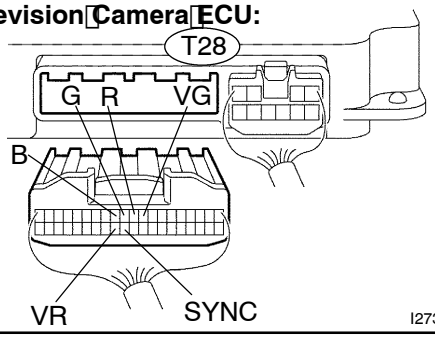
Tester connection	Condition	Specified condition
R – R1	Always	Below 1 Ω
G – G1	Always	Below 1 Ω
B – B1	Always	Below 1 Ω
SYNC – SYN1	Always	Below 1 Ω
VR – VR1	Always	Below 1 Ω
VG – VG1	Always	Below 1 Ω
R – Body ground	Always	10 kΩ or higher
G – Body ground	Always	10 kΩ or higher
B – Body ground	Always	10 kΩ or higher
SYNC – Body ground	Always	10 kΩ or higher
VR – Body ground	Always	10 kΩ or higher

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

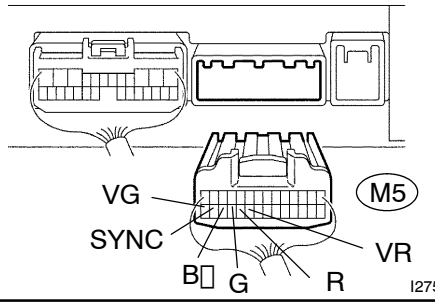
OK

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

Television Camera ECU:



Multi–display:



(a) Disconnect the connector from the television camera ECU and multi–display assy.

(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
R – R	Always	Below 1 Ω
G – G	Always	Below 1 Ω
B – B	Always	Below 1 Ω
SYNC – SYNC	Always	Below 1 Ω
VR – VR	Always	Below 1 Ω
VG – VG	Always	Below 1 Ω
R – Body ground	Always	10 kΩ or higher
G – Body ground	Always	10 kΩ or higher
B – Body ground	Always	10 kΩ or higher
SYNC – Body ground	Always	10 kΩ or higher
VR – Body ground	Always	10 kΩ or higher

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

OK

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