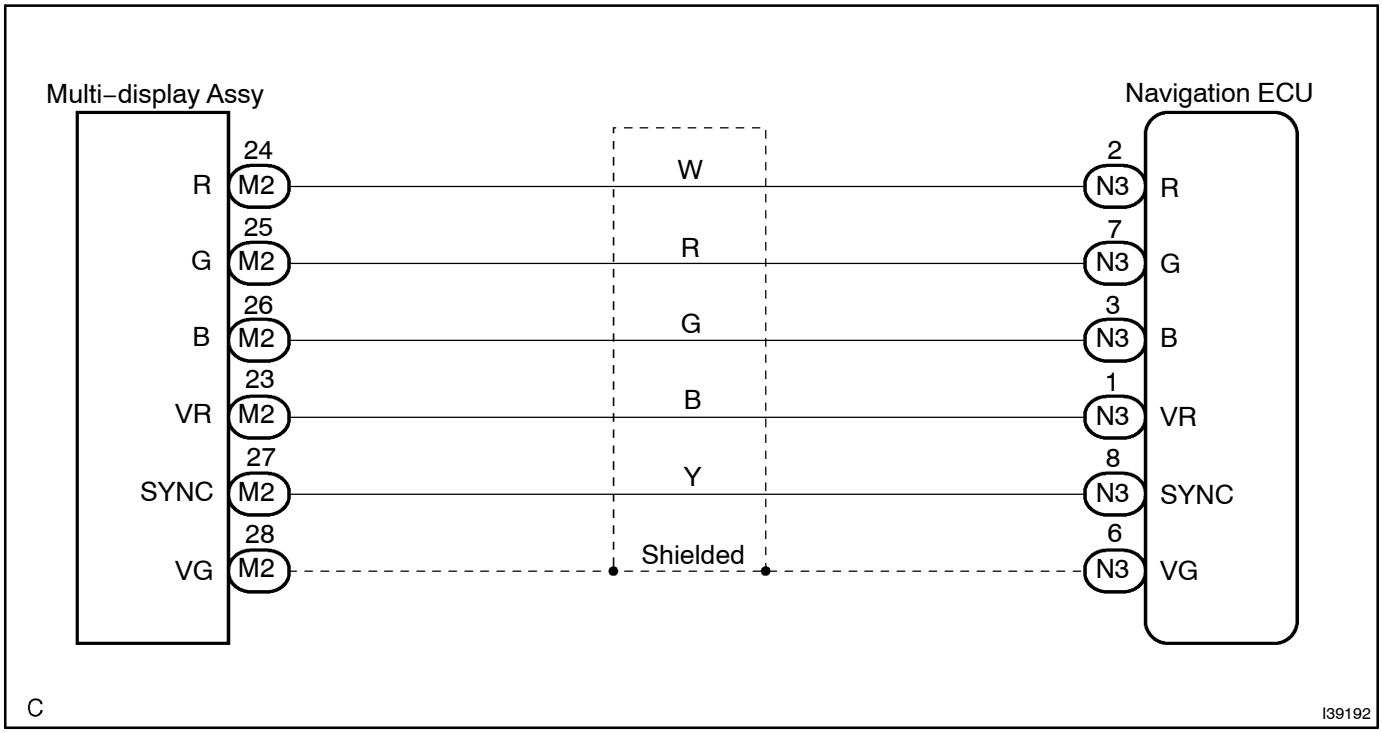
DISPLAY SIGNAL CIRCUIT (NAVIGATION ECU – MULTI–DISPLAY)

CIRCUIT DESCRIPTION

This is the display signal circuit from the navigation ECU to the multi–display.

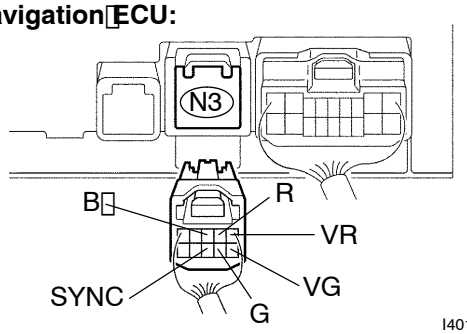
WIRING DIAGRAM



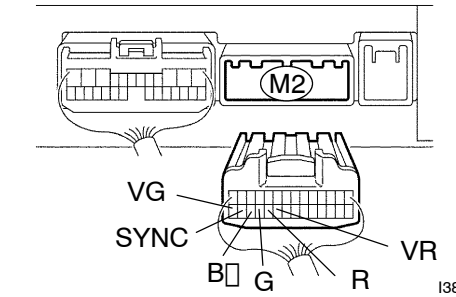
INSPECTION PROCEDURE

1	CHECK HARNESS AND CONNECTOR(NAVIGATION ECU – MULTI–DISPLAY)

Navigation ECU:



Multi–Display:



(a) Disconnect the connector from the navigation ECU (N3) and multi–display (M2).

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

Standard:

Tester connection	Condition	Specified condition
R (N3) – R (M2)	Always	Below 1 Ω
G (N3) – G (M2)	Always	Below 1 Ω
B (N3) – B (M2)	Always	Below 1 Ω
SYNC (N3) – SYNC (M2)	Always	Below 1 Ω
VR (N3) – VR (M2)	Always	Below 1 Ω
VG (N3) – VG (M2)	Always	Below 1 Ω
R (N3 or M2) – Body ground	Always	10 kΩ or higher
G (N3 or M2) – Body ground	Always	10 kΩ or higher
B (N3 or M2) – Body ground	Always	10 kΩ or higher
SYNC (N3 or M2) – Body ground	Always	10 kΩ or higher
VR (N3 or M2) – Body ground	Always	10 kΩ or higher
VG (N3 or M2) – 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 05–880)