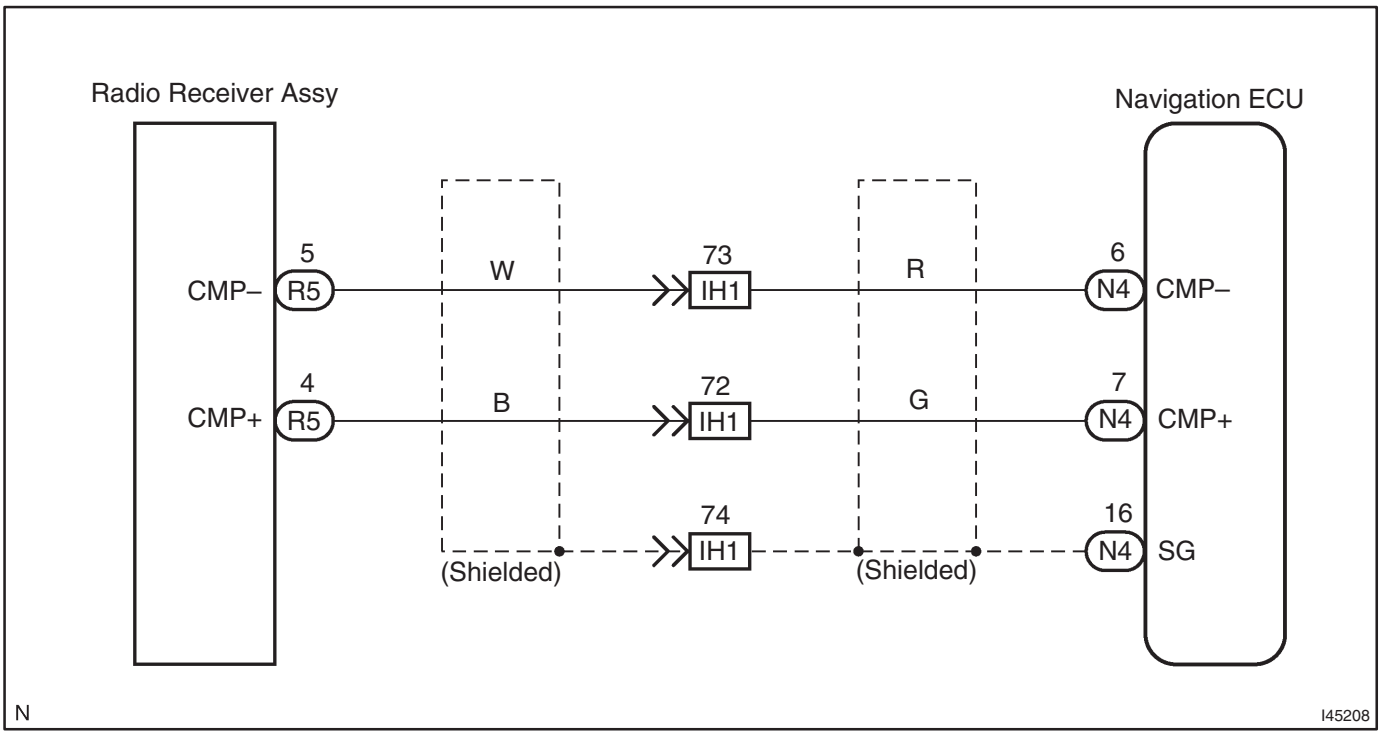
RDS–TMC SIGNAL CIRCUIT (RADIO RECEIVER ASSY – NAVIGATION ECU)

CIRCUIT DESCRIPTION

Traffic information received by the radio receiver assy is transmitted to the navigation ECU via this circuit. If an open or short occurs in this circuit, RDS–TMC information will not be updated or the RDS–TMC will not operate normally.

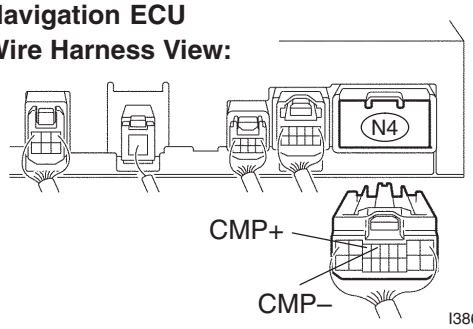
WIRING DIAGRAM



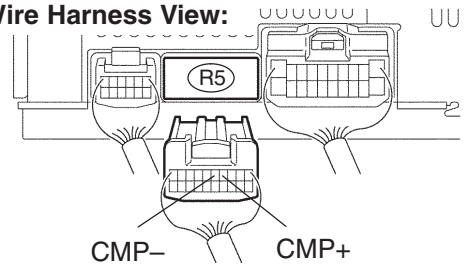
INSPECTION PROCEDURE

1	CHECK HARNESS AND CONNECTOR(NAVIGATION ECU – RADIO RECEIVER ASSY)

Navigation ECU
Wire Harness View:



Radio Receiver Assy
Wire Harness View:



(a) Disconnect the navigation ECU connector N4 and radio receiver assy connector R5.

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

Standard:

Tester connection	Condition	Specified condition
CMP+ – CMP+	Always	Below 1 Ω
CMP– – CMP–	Always	Below 1 Ω
CMP+ – Body ground	Always	10 kΩ or higher
CMP– – 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 05–1309)