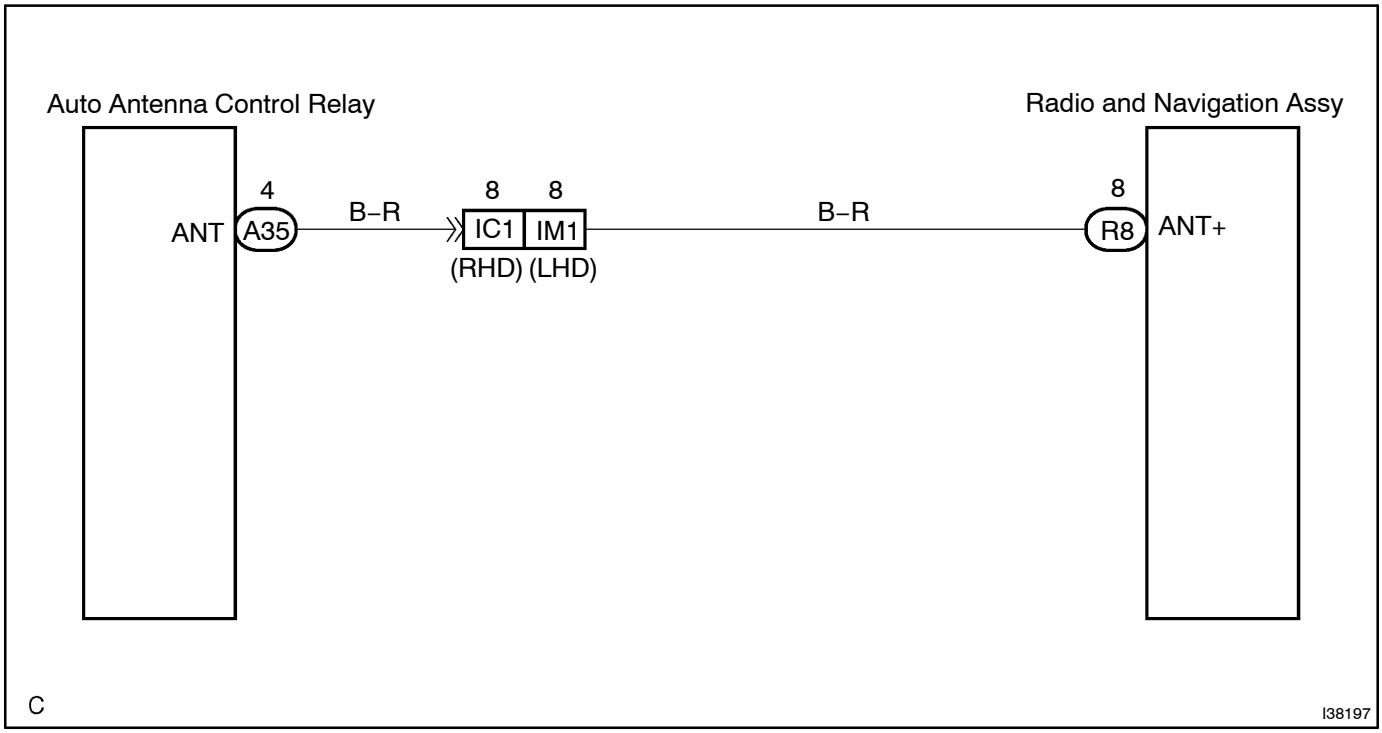
AUTO ANTENNA CONTROL RELAY SIGNAL CIRCUIT

CIRCUIT DESCRIPTION

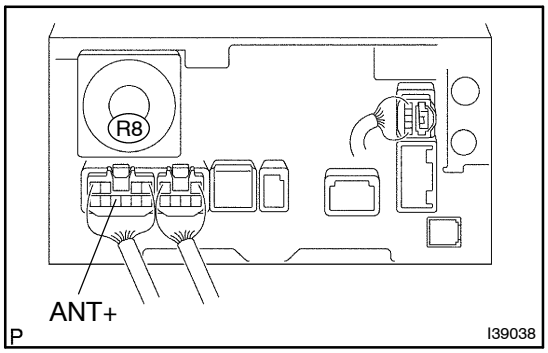
The radio and navigation assy sends an operation signal to the auto antenna control relay via this circuit.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT RADIO AND NAVIGATION ASSY



(a) Measure the voltage according to the value(s) in the table below.

Standard:

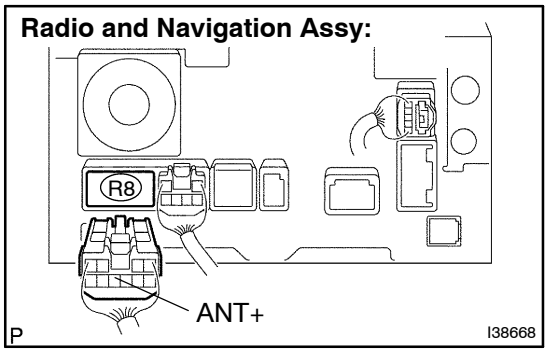
Tester connection	Condition	Specified condition
ANT+ – Body ground	Ignition SW ON	8 to 14 V

NG → **REPLACE RADIO AND NAVIGATION ASSY (SEE PUB. NO. RM915E, PAGE 67–4)**

OK

2 CHECK HARNESS AND CONNECTOR(AUTO ANTENNA CONTROL RELAY – RADIO AND NAVIGATION ASSY)

Radio and Navigation Assy:



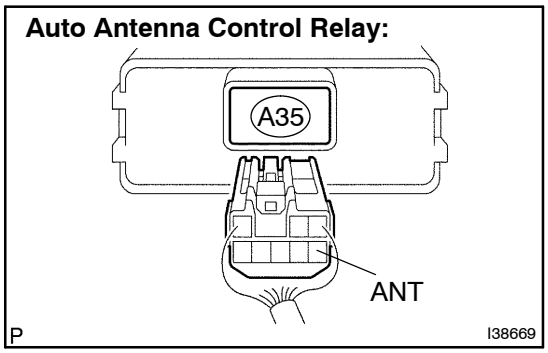
(a) Disconnect the connector from the radio and navigation assy R8 and auto antenna control relay A35.

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

Standard:

Tester connection	Condition	Specified condition
ANT – ANT+	Always	Below 1 Ω
ANT – Body ground	Always	10 kΩ or higher

Auto Antenna Control Relay:



NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (SEE PAGE 05–46)