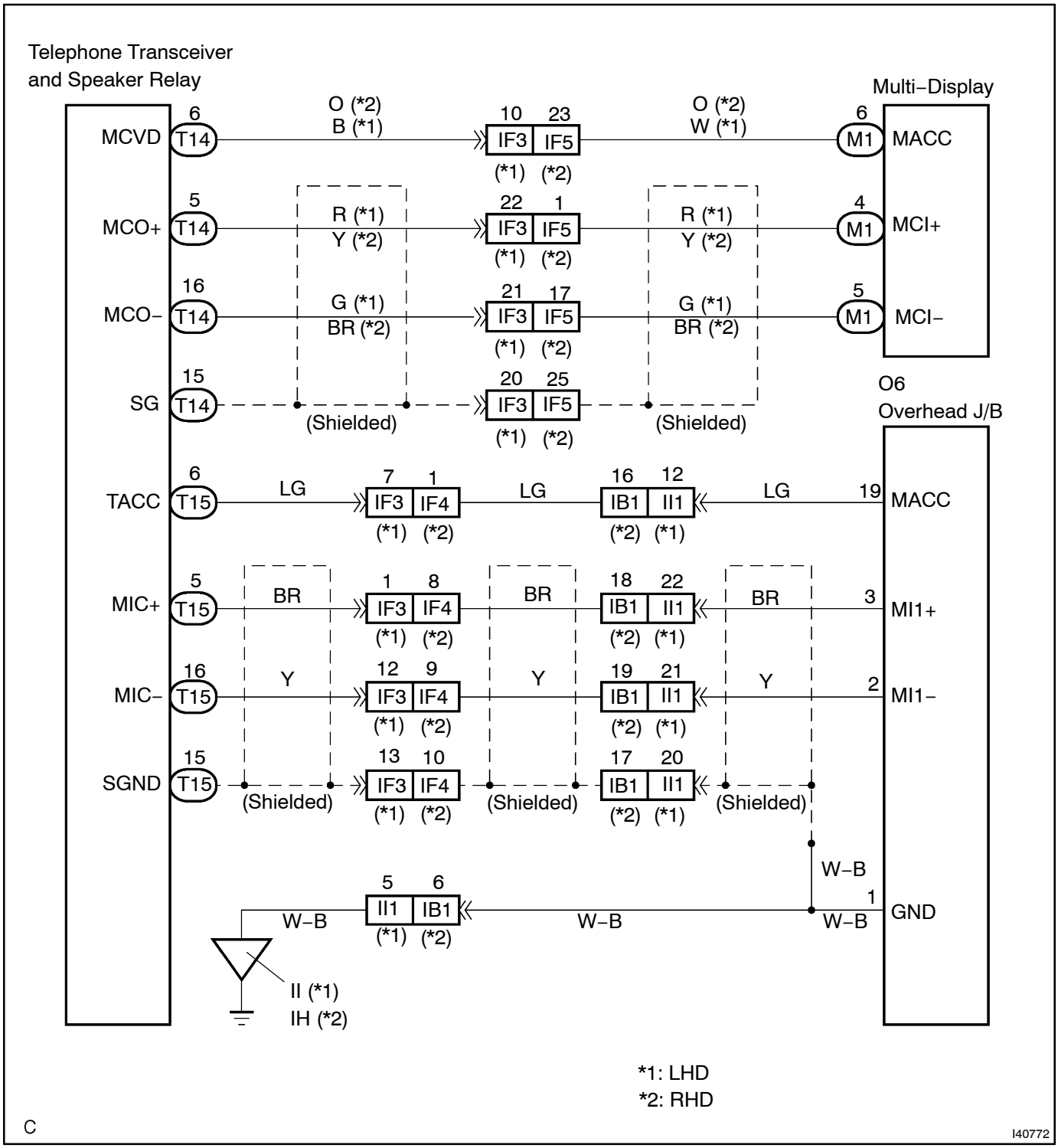
MICROPHONE CIRCUIT (OVERHEAD J/B – MULTI–DISPLAY)

CIRCUIT DESCRIPTION

This circuit sends a microphone signal from the telephone transceiver and speaker relay to the multi–display. It also supplies power from the multi–display to the telephone transceiver and speaker relay.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CONFIRM THE DESIGNATION INFORMATION

Spec	Go to step
w/ LEXUS link system	A
w/o LEXUS link system	B

B → Go to step 4

A

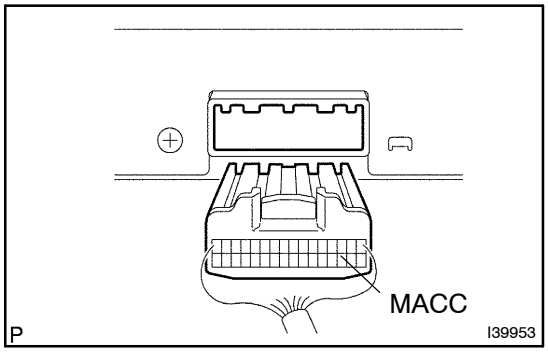
2 CHECK TELEPHONE TRANSCEIVER AND SPEAKER RELAY

(a) Disconnect the T14 and T15 connectors from the telephone transceiver and speaker relay and connect them.
(b) Check if the system has returned to normal.
OK: The system has returned to normal.

OK → GO TO LEXUS LINK SYSTEM (SEE PAGE 05–3128)

NG

3 INSPECT MICROPHONE



(a) Disconnect the overhead J/B O6.
(b) Measure the voltage according to the value(s) in the table below.
Standard:

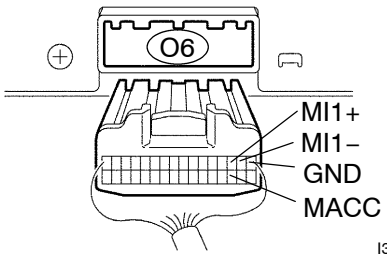
Tester connection	Condition	Specified Condition
MACC – Body ground	Ignition SW ACC	10 to 14 V

OK → REPLACE OVERHEAD J/B

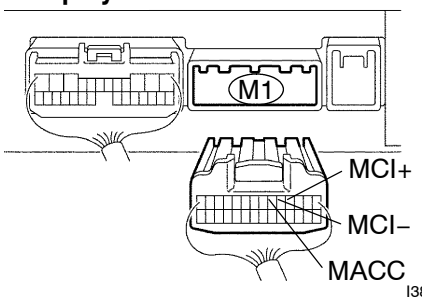
NG

4 CHECK HARNESS AND CONNECTOR(OVERHEAD J/B – MULTI–DISPLAY)

Overhead J/B:



Multi–display:



(a) Disconnect the connector from the overhead J/B (O6) and multi–display (M1).

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

Standard:

Tester connection	Condition	Specified Condition
MACC – MACC	Always	Below 1 Ω
MI1+ – MCI+	Always	Below 1 Ω
MI1– – MCI–	Always	Below 1 Ω
ACC*1, MACC*2 – Body ground	Always	10 kΩ or higher
MI1+ – Body ground	Always	10 kΩ or higher
MI1– – Body ground	Always	10 kΩ or higher
GND – Body ground	Always	10 kΩ or higher

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

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN DIAGNOSTIC TROUBLE CODE CHART (SEE PAGE 05–1788)