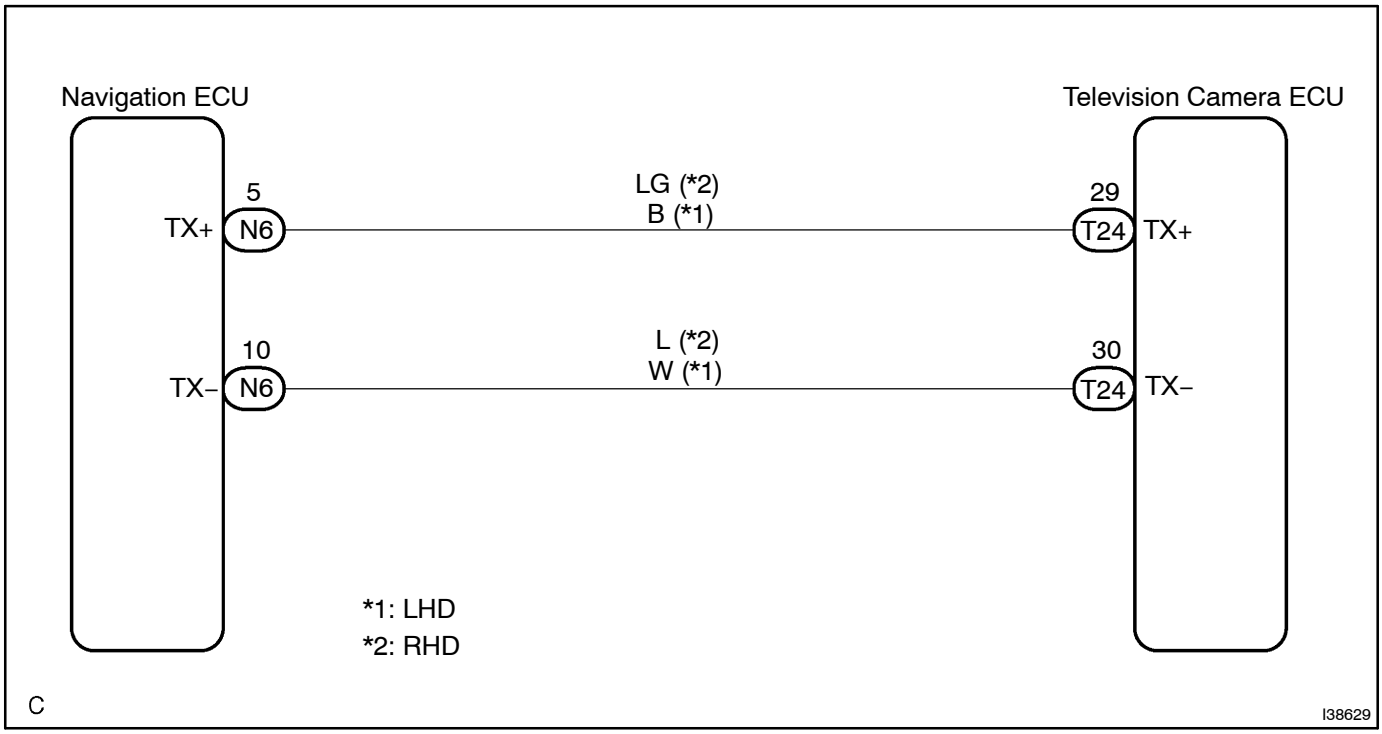
AVC–LAN CIRCUIT (NAVIGATION ECU – TELEVISION CAMERA ECU)

CIRCUIT DESCRIPTION

Each unit of the ”BACK GUIDE MONITOR SYSTEM” connected with AVC–LAN (communication bus) transfers the signal of each switch by communication.
When short to +B or short to ground occurs in this AVC–LAN, the ”BACK GUIDE MONITOR SYSTEM” will not function normally as the communication is discontinued.

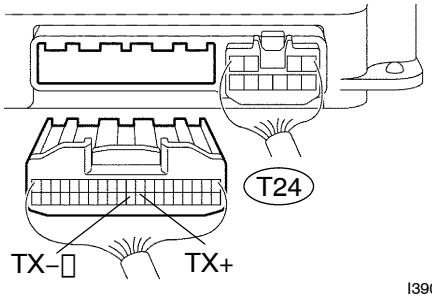
WIRING DIAGRAM



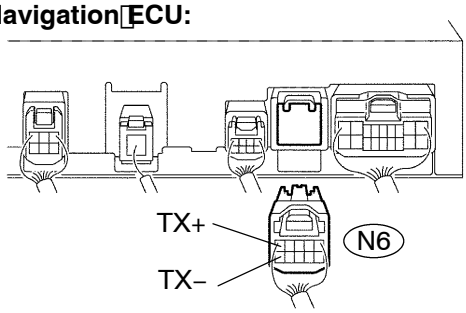
INSPECTION PROCEDURE

1	CHECK HARNESS AND CONNECTOR(NAVIGATION ECU – TELEVISION CAMERA ECU)

Television Camera ECU:



Navigation ECU:



(a) Disconnect the T24 connector from the television camera ECU.

(b) Disconnect the N6 connector from the navigation ECU.

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

Standard:

Tester connection	Condition	Specified condition
TX+ (T24–29) – TX+ (N6–5)	Always	Below 1 Ω
TX– (T24–30) – TX– (N6–10)	Always	Below 1 Ω
TX+ (T24–29) – Body ground	Always	10 kΩ or higher
TX– (T24–30) – Body ground	Always	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR (NAVIGATION ECU – TELEVISION CAMERA ECU)**

OK →

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (SEE PAGE 05–1917)