

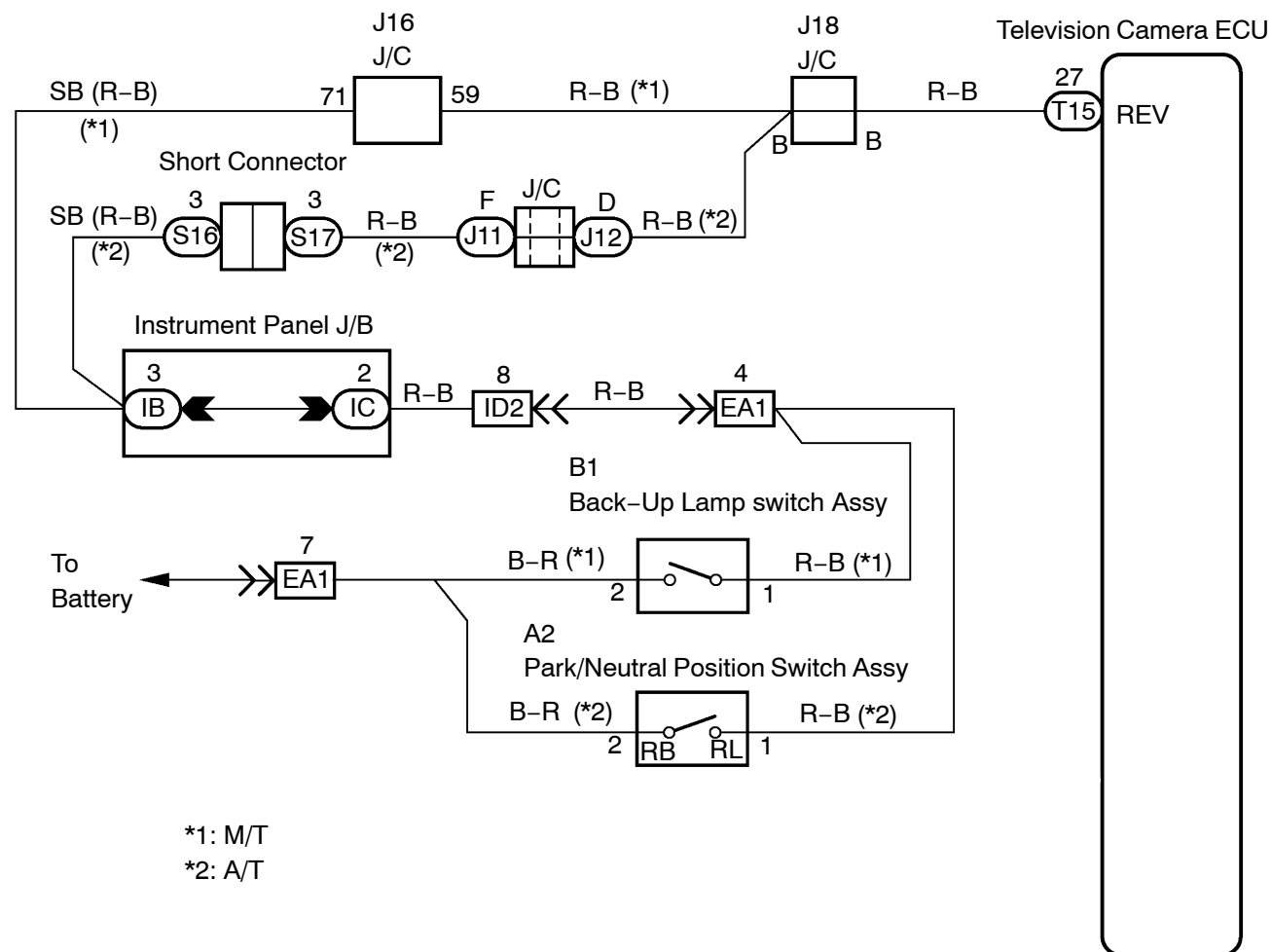
REVERSE SIGNAL CIRCUIT

CIRCUIT DESCRIPTION

The television camera ECU receives the reverse signal from the park/neutral position switch assy (A/T) or back-up lamp switch assy (M/T).

WIRING DIAGRAM

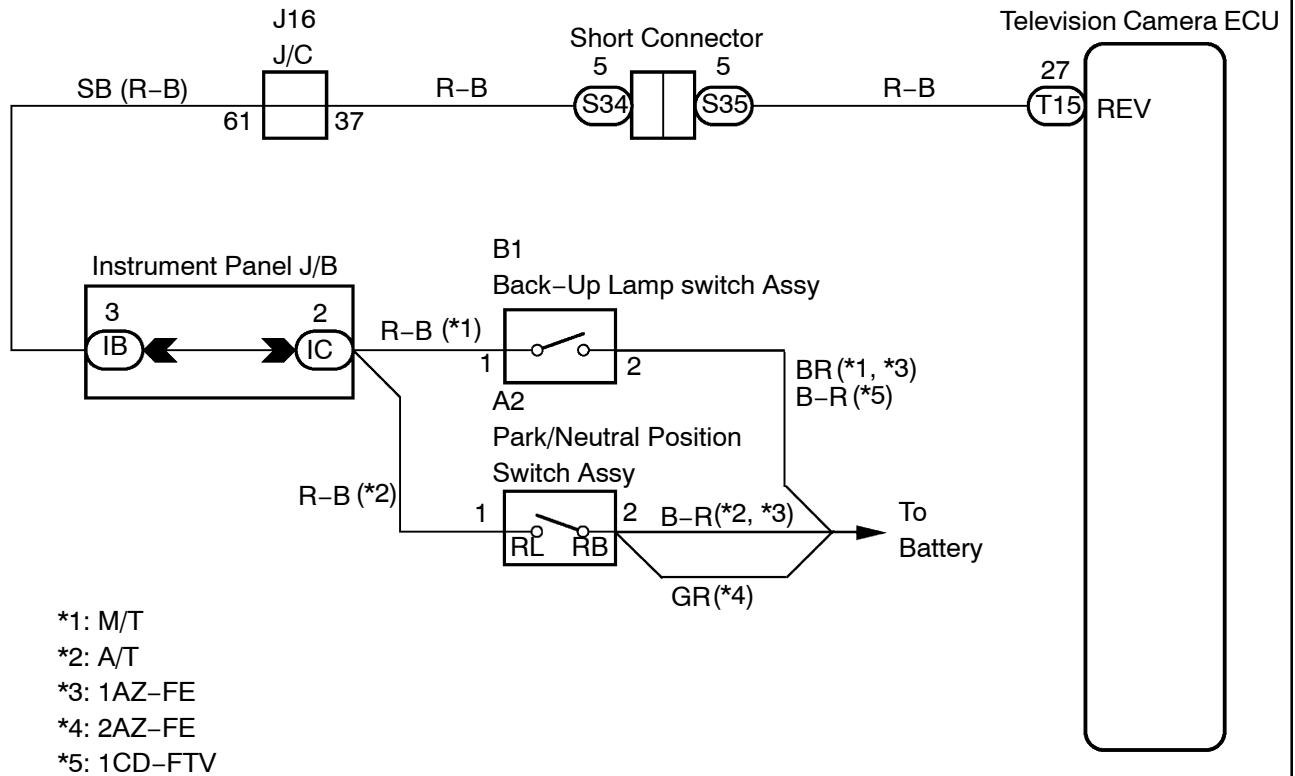
LHD:



N

I42304

RHD:



N

I42305

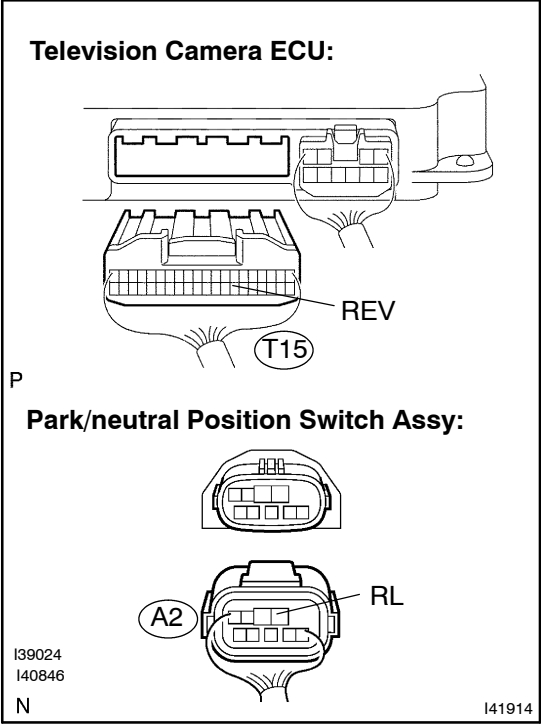
INSPECTION PROCEDURE

HINT:

Start the inspection from step 1 if the vehicle is A/T model and start from step 3 if it is M/T model.

1

CHECK HARNESS AND CONNECTOR(TELEVISION CAMERA ECU - PARK/NEUTRAL POSITION SWITCH ASSY)



- (a) Disconnect the T15 connector from the television camera ECU.
- (b) Disconnect the A2 connector from the park/neutral position switch assy.
- (c) Measure the resistance according to the value(s) in the table below.

Standard:

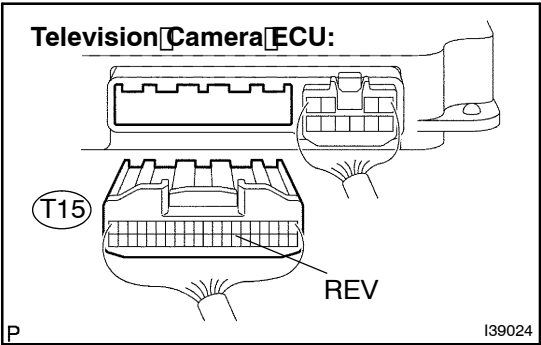
Tester connection (Terminal No.)	Condition	Specified condition
REV (T15-27) - RL (A2-1)	Always	Below 1 Ω
REV (T15-27) - Body ground	Always	10 kΩ or higher

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

2 INSPECT TELEVISION CAMERA ECU (REVERSE SIGNAL INPUT)



- (a) Connect the A2 connector to the park/neutral position switch Assy.
- (b) Measure the voltage according to the value(s) in the table below.

Standard:

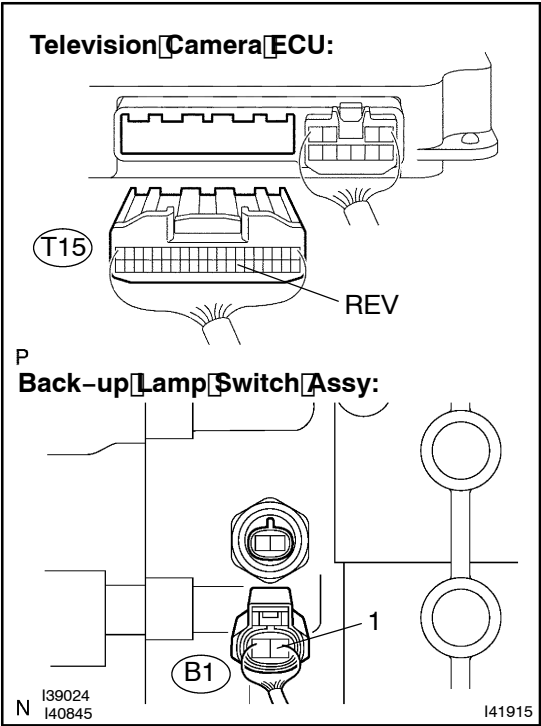
Tester connection (Terminal No.)	Condition	Specified condition
REV (T15-27) - Body ground	IG SW ON, Shift lever R position	10 to 14 V

NG INSPECT PARK/NEUTRAL POSITION SWITCH ASSY (SEE PAGE 05-786)

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (SEE PAGE 05-1186)

3 CHECK HARNESS AND CONNECTOR (TELEVISION CAMERA ECU - BACK-UP LAMP SWITCH ASSY)



- (a) Disconnect the T15 connector from the television camera ECU.
- (b) Disconnect the B1 connector from the back-up lamp switch Assy.
- (c) Measure the resistance according to the value(s) in the table below.

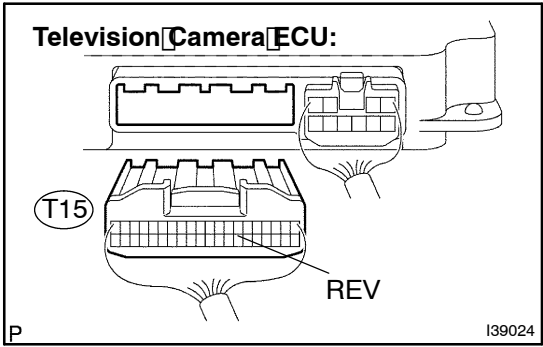
Standard:

Tester connection (Terminal No.)	Condition	Specified condition
REV (T15-27) - 1 (B1-1)	Always	Below 1 Ω
REV (T15-27) - Body ground	Always	10 k Ω or higher

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

4 INSPECT TELEVISION CAMERA ECU (REVERSE SIGNAL INPUT)



- (a) Connect the B1 connector to the back-up lamp switch assy.
- (b) Measure the voltage according to the value(s) in the table below.

Standard:

Tester Connection (Terminal No.)	Condition	Specified Condition
REV (T15-27) - Body ground	IG SW ON, Shift lever R position	10 to 14 V

NG

INSPECT BACK-UP LAMP SWITCH ASSY

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-1186)