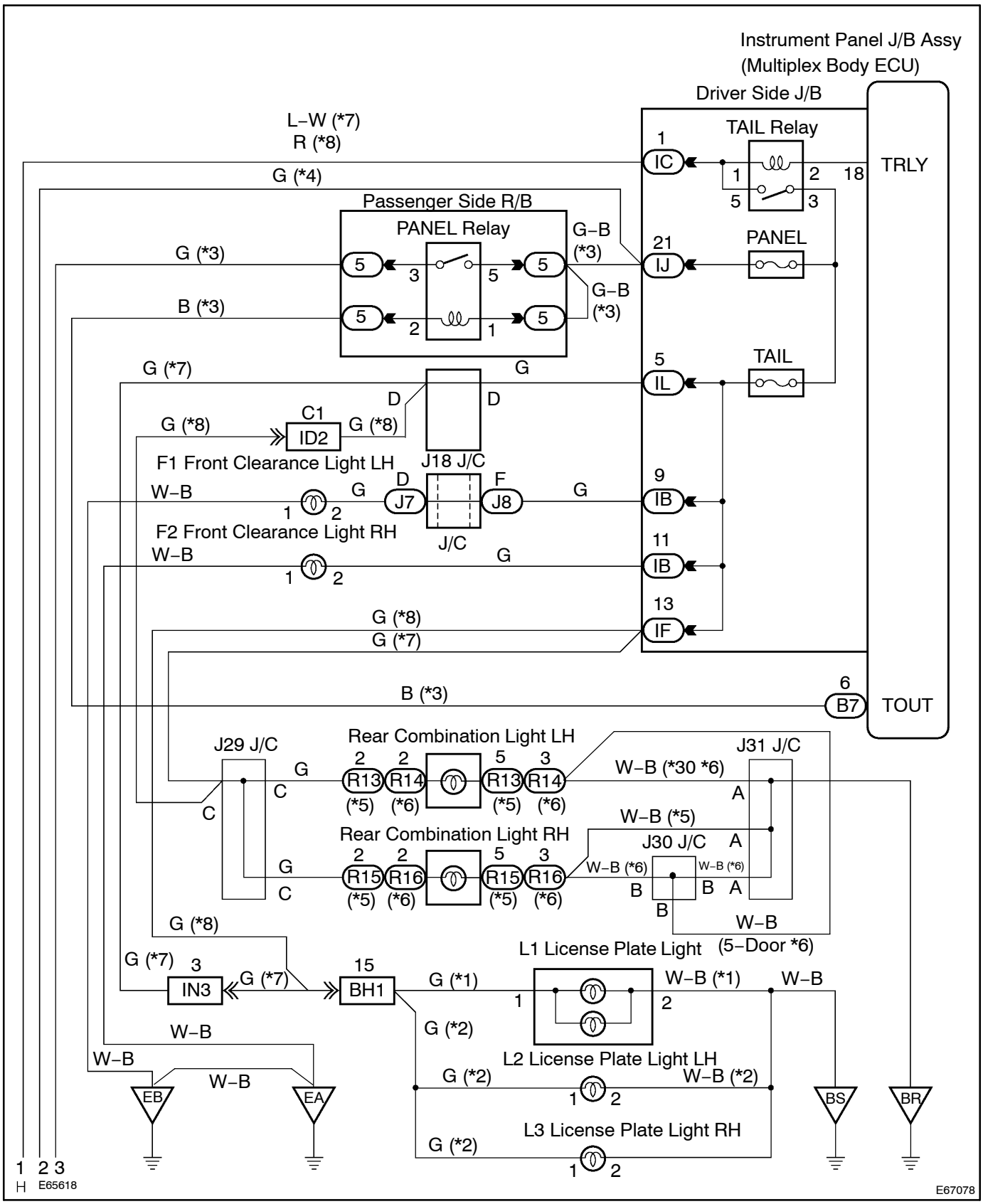
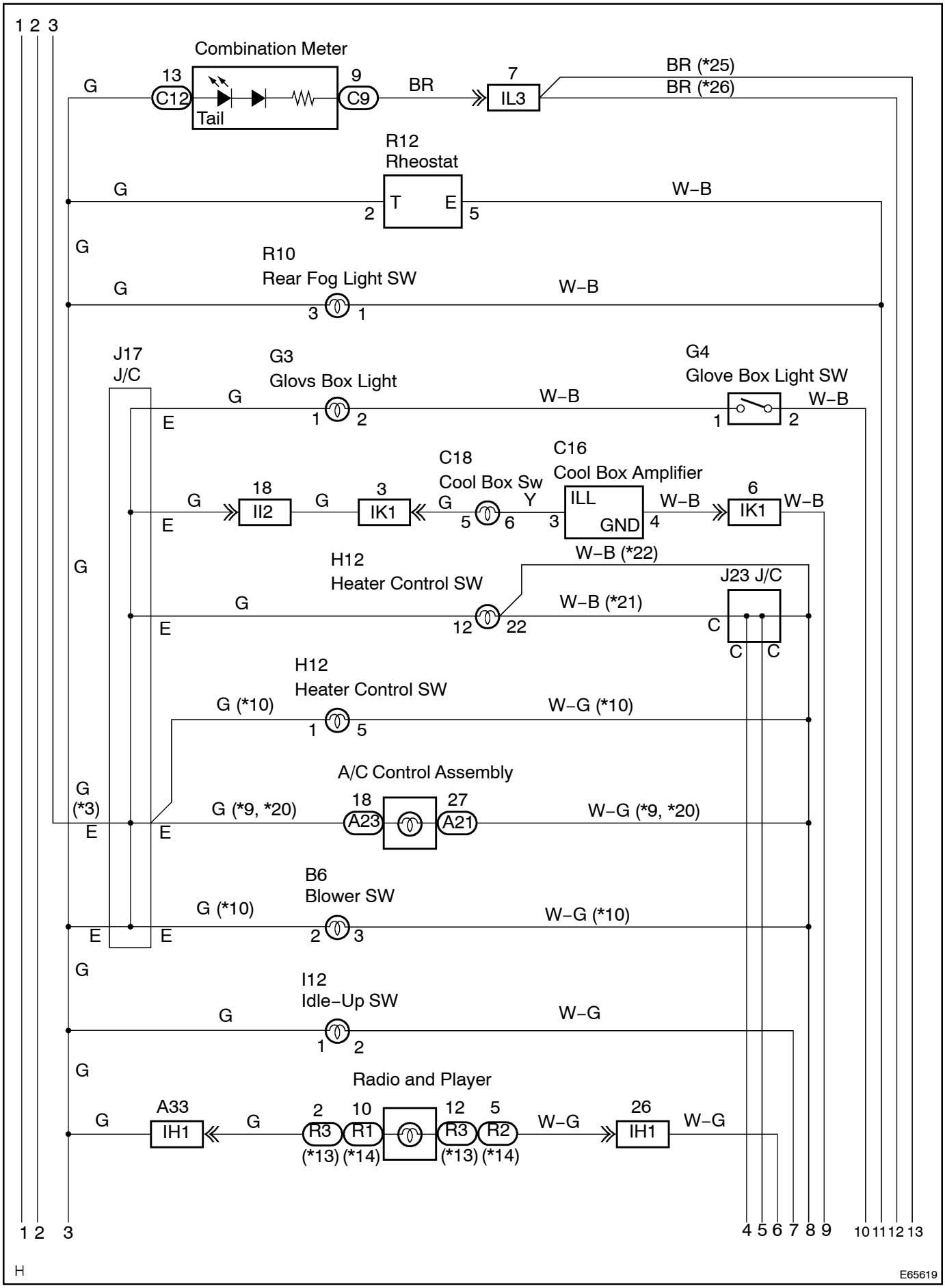
TAIL RELAY CIRCUIT

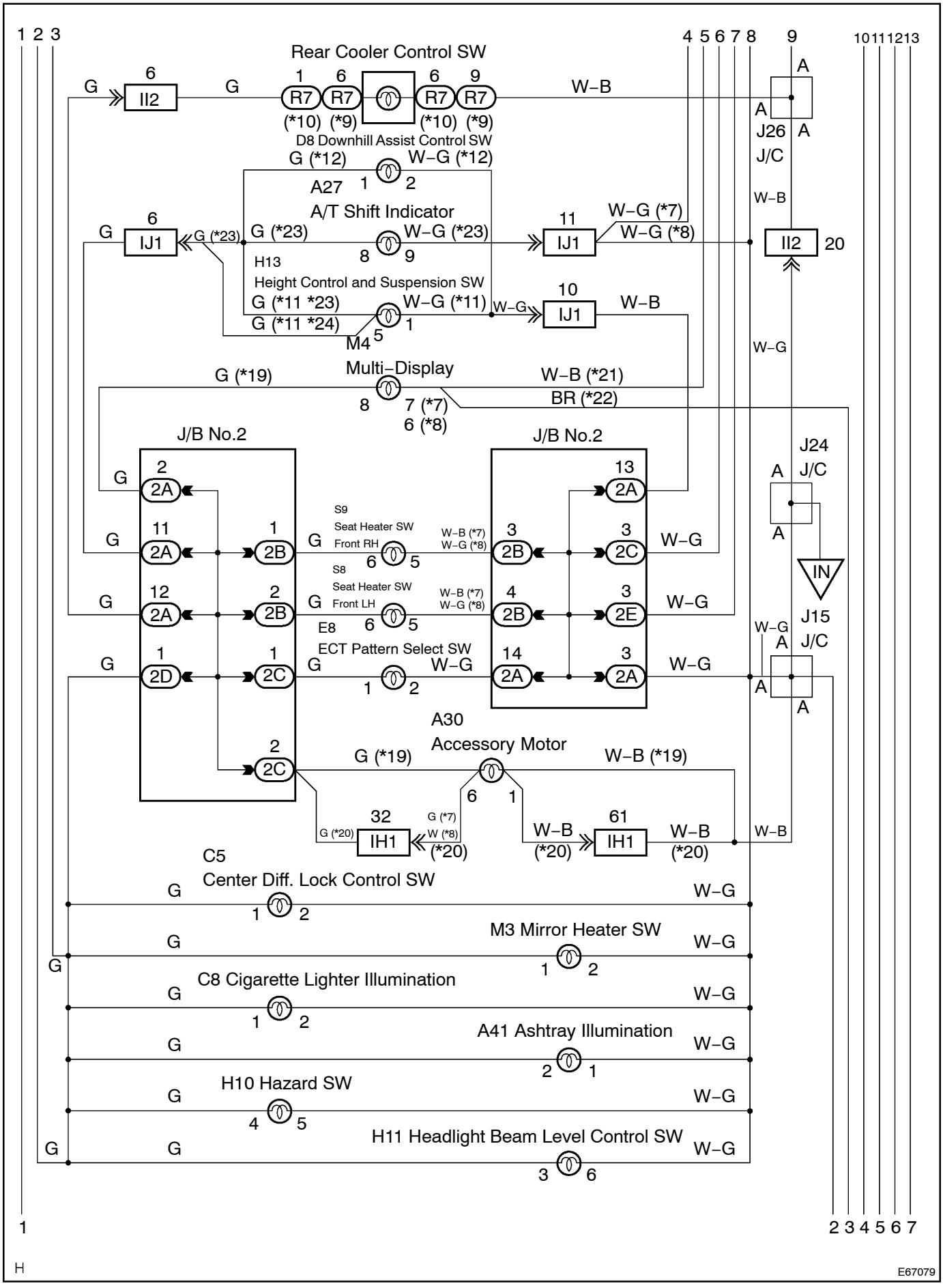
CIRCUIT DESCRIPTION

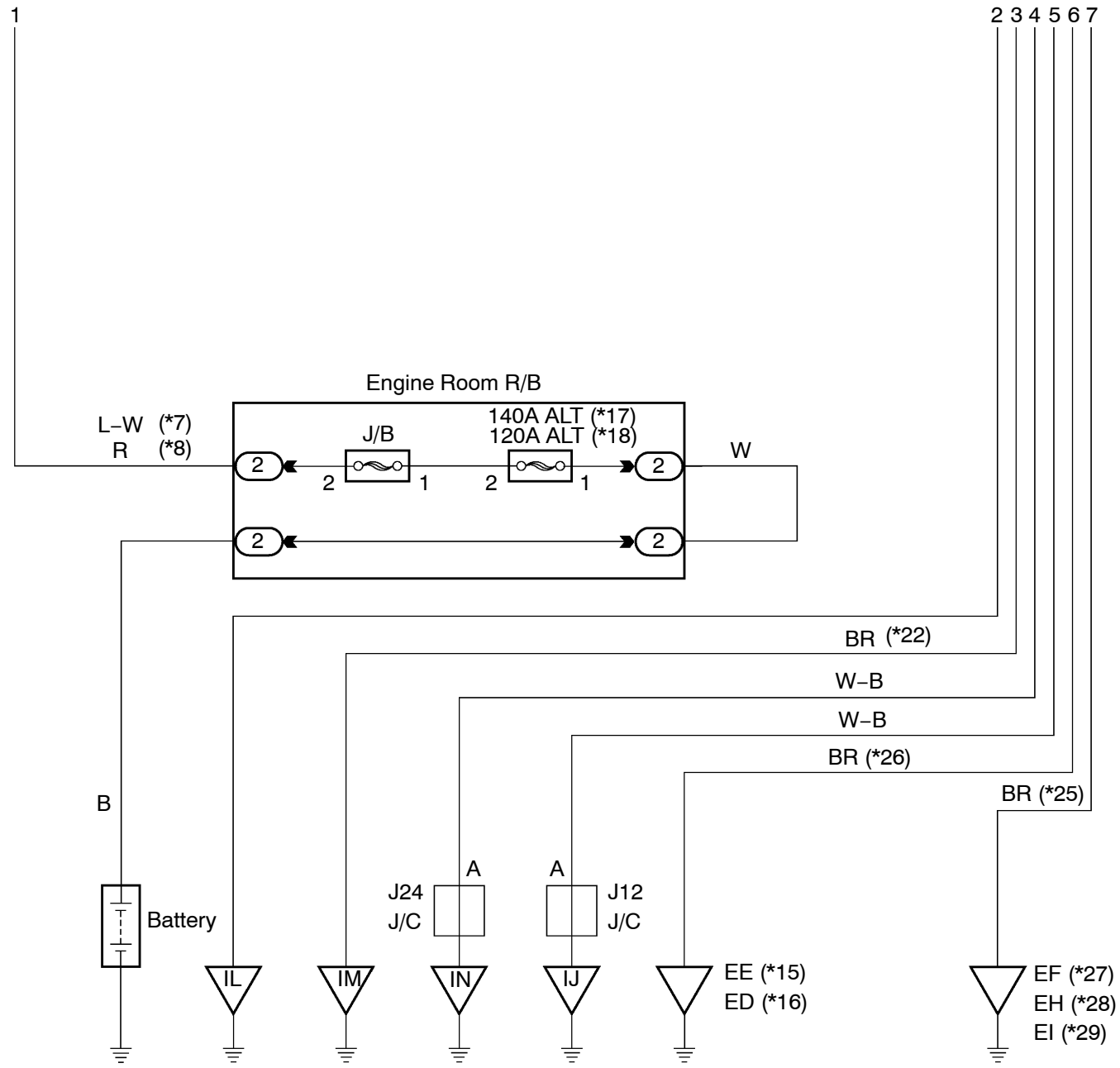
The Multiplex body ECU controls TAIL relay.

WIRING DIAGRAM




1 2 3
Combination Meter
13
C12
Tail
9
C9
G
BR
7
IL3
BR (*25)
BR (*26)
R12
Rheostat
T
E
2
5
W–B
R10
Rear Fog Light SW
3
1
J17
J/C
G3
Glovs Box Light
G4
Glove Box Light SW
C18
Cool Box Sw
C16
Cool Box Amplifier
18
II2
3
IK1
ILL
GND
6
IK1
H12
Heater Control SW
W–B (*22)
W–B (*21)
J23 J/C
12
22
G (*10)
W–G (*10)
A/C Control Assembly
18
A23
27
A21
G (*9, *20)
W–G (*9, *20)
B6
Blower SW
I12
Idle–Up SW
W–G
Radio and Player
A33
IH1
2
10
12
5
R3
R1
R2
(*13)
(*14)
26
IH1
4 5 6 7 8 9
10 11 12 13
H
E65619


Rear Cooler Control SW
D8 Downhill Assist Control SW
A27
A/T Shift Indicator
H13
Height Control and Suspension SW
M4
Multi–Display
J/B No.2
J/B No.2
S9
Seat Heater SW
Front RH
S8
Seat Heater SW
Front LH
E8
ECT Pattern Select SW
A30
Accessory Motor
C5
Center Diff. Lock Control SW
M3 Mirror Heater SW
C8 Cigarette Lighter Illumination
A41 Ashtray Illumination
H10 Hazard SW
H11 Headlight Beam Level Control SW
J26 J/C
J24 J/C
J15 J/C
IN
E67079



*1: Spare Tire–Back Door Mounted
*2: Spare Tire–Under Floor Mounted
*3: w/ Daytime Running Light
*4: w/o Daytime Running Light
*5: Except Built–In Type
*6: Built–In Type
*7: LHD
*8: RHD
*9: Automatic A/C
*10: Manual A/C
*11: w/ Active Height Control Suspension and Electric Modulated Air Suspension
*12: A/T w/ VSC
*13: Separate Type Amplifier
*14: Built–In Type Amplifier
*15: 3RZ–FE Unleaded Gasoline
*16: 3RZ–FE Leaded Gasoline
*17: w/ PTC
*18: w/o PTC
*19: w/ EMV
*20: w/o EMV
*21: LHD w/ EMV
*22: RHD w/ EMV
*23: A/T
*24: M/T
*25: Diesel
*26: 3RZ–FE
*27: 1KD–FTV
*28: 1KZ–TE
*29: 5L–E
*30: Except 5–Door

H

E65622

INSPECTION PROCEDURE

HINT:
Start the inspection from step 1 in the case of using the hand–held tester, and start from step 2 in the case of not using the hand–held tester.

1 PERFORM ACTIVE TEST BY HAND–HELD TESTER

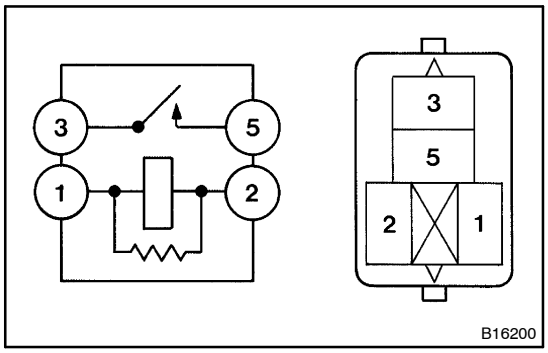
(a) Connect the hand–held tester to DLC3.
(b) Turn the ignition switch ON and push the hand–held tester main SW ON.
(c) Select the item below in the ACTIVE TEST and then check that the relay operates.

Item	Test Details	Diagnostic Note
TAIL LIGHT	Turns Tail light relay ON/OFF	–

OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (SEE PAGE 05–1346)**

NG

2 INSPECT TAIL LAMP RELAY



(a) Inspect relay continuity.

Condition	Tester connection	Specified condition
Always	1 – 2	Continuity
Always	3 – 5	No continuity
Apply B+ between terminal 1 and 2	3 – 5	Continuity

NG → **REPLACE TAIL LAMP RELAY**

OK

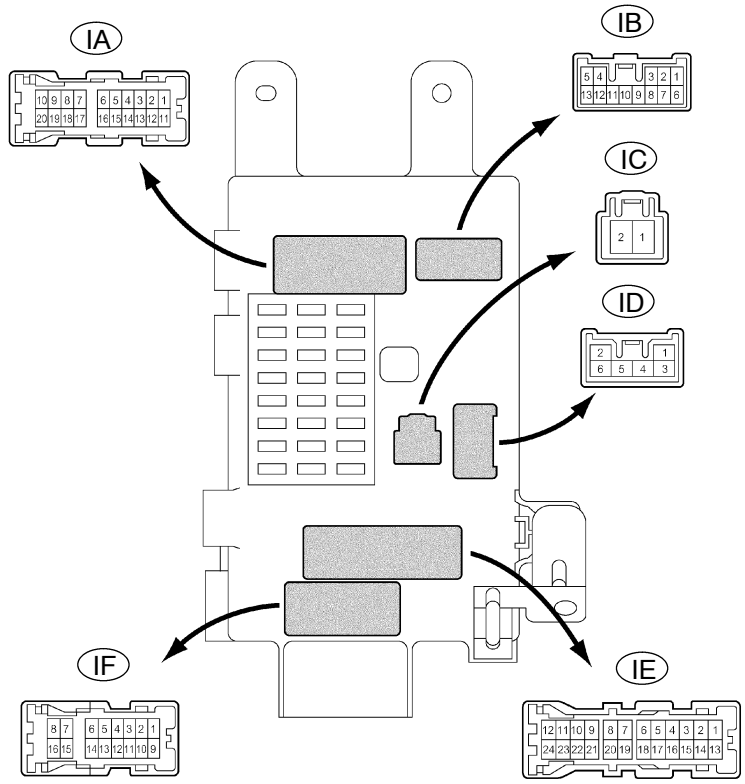
3	INSPECT INSTRUMENT PANEL JUNCTION BLOCK ASSY(TRLY)

(a) Disconnect the connector.
(b) Measure voltage between terminal TRLY of the instrument panel J/B and body ground with wire harness side.

Standard:

Terminal No.	Condition	Specified condition
IC–1 ⇔ body ground (TRLY ⇔ body ground)	Always	10–14 V

Instrument Panel J/B



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

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (SEE PAGE 05–1346)