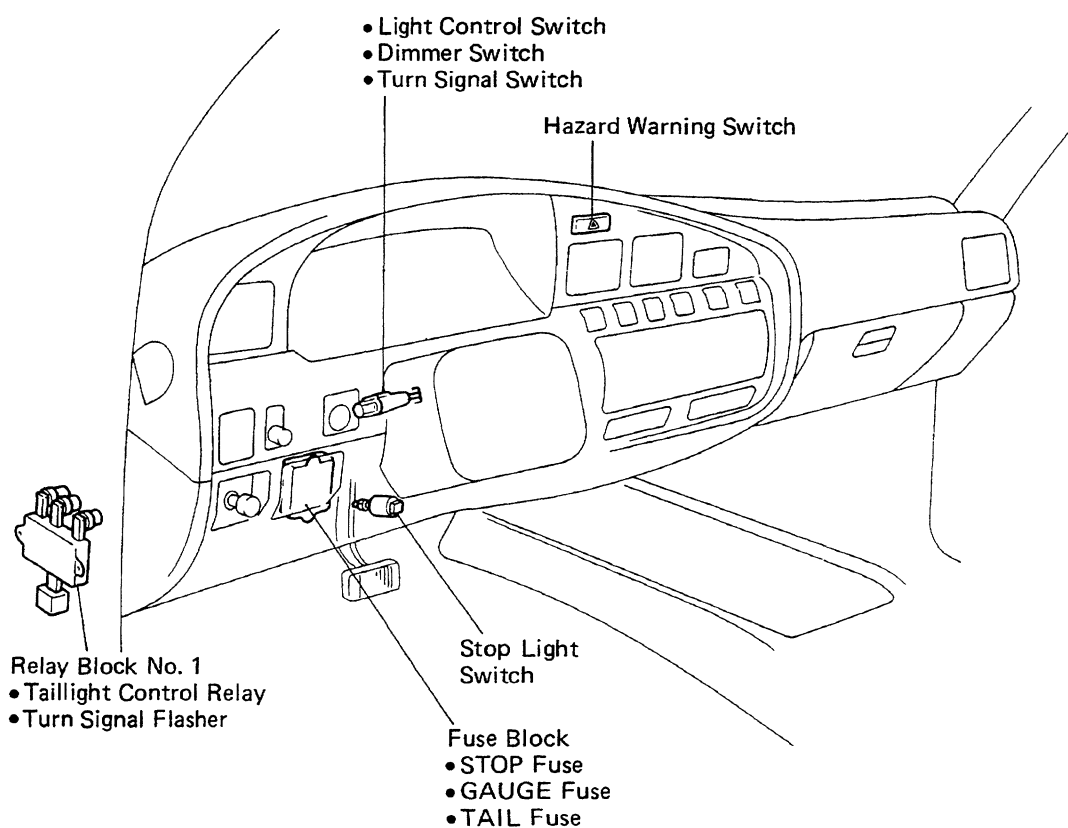
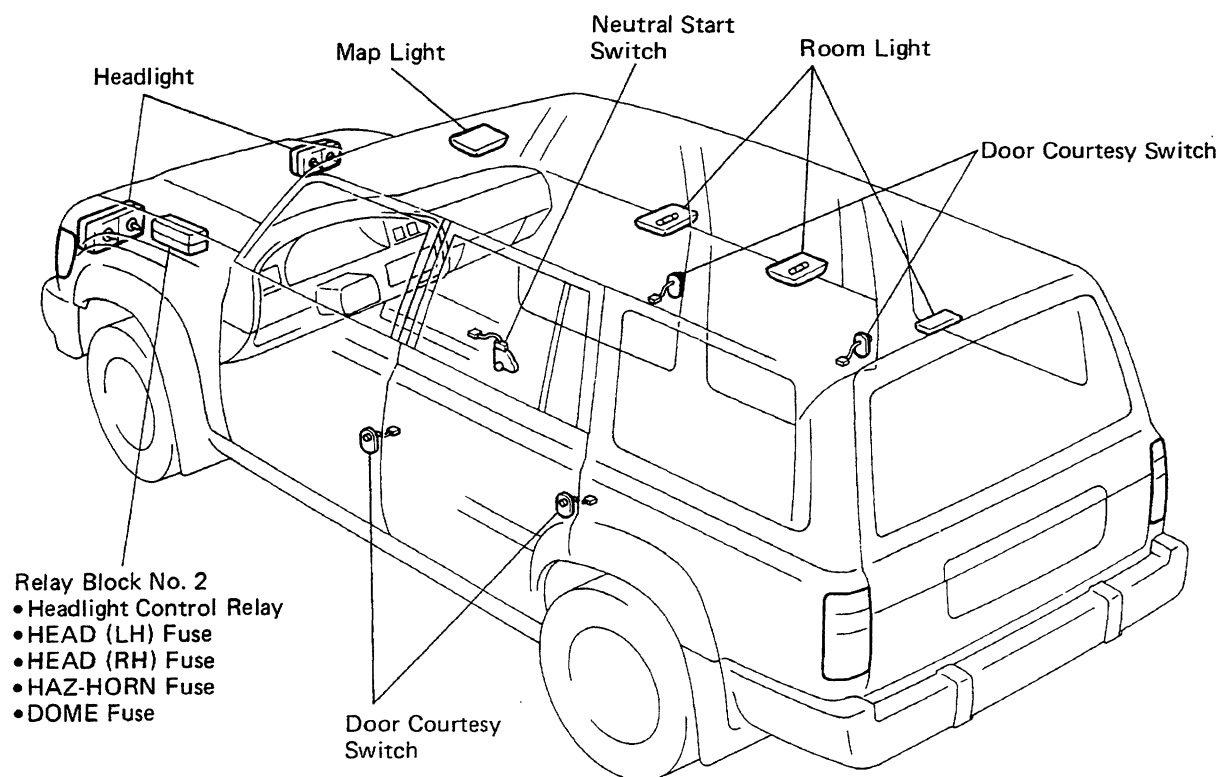
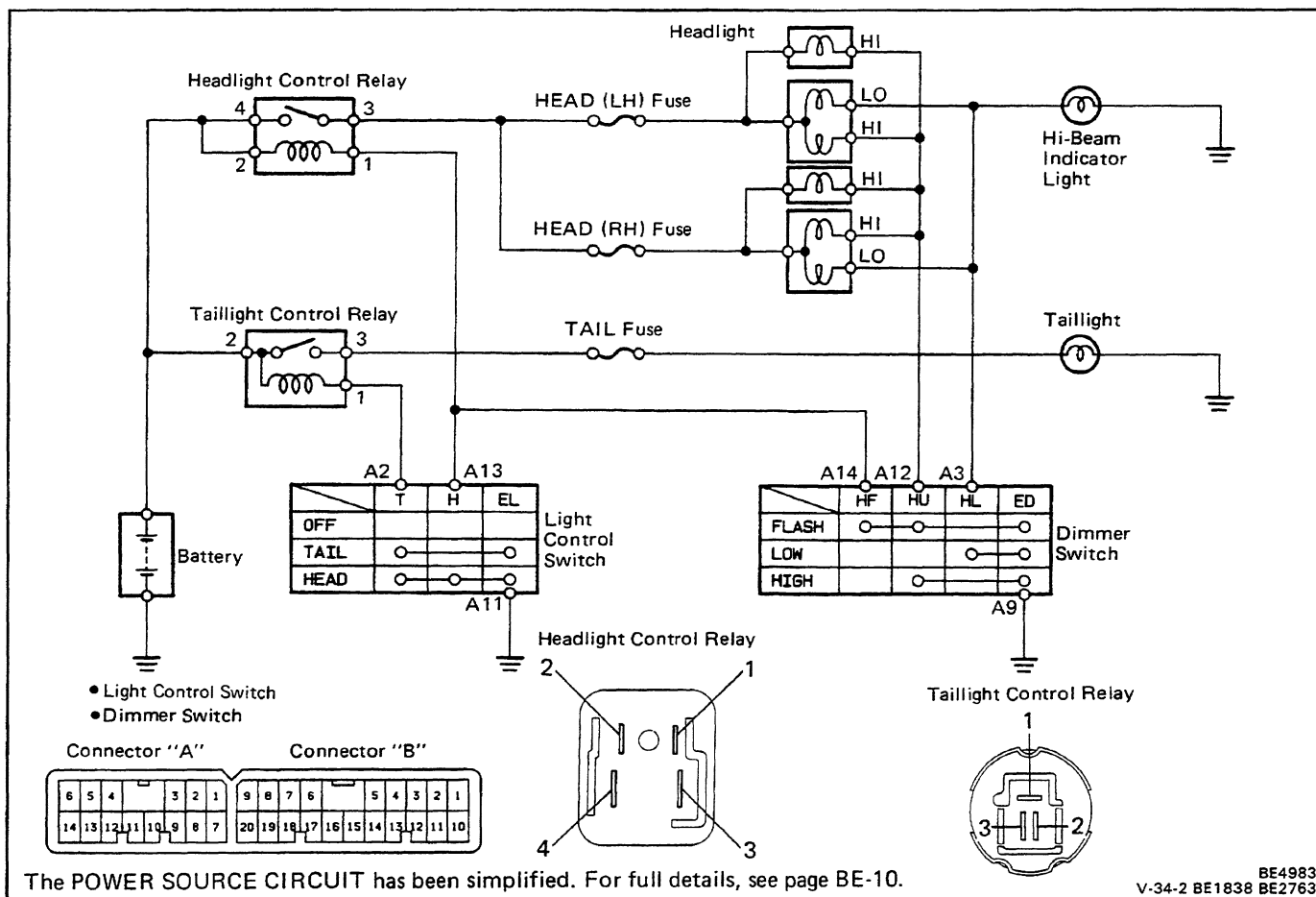


LIGHTING SYSTEM

Parts Location

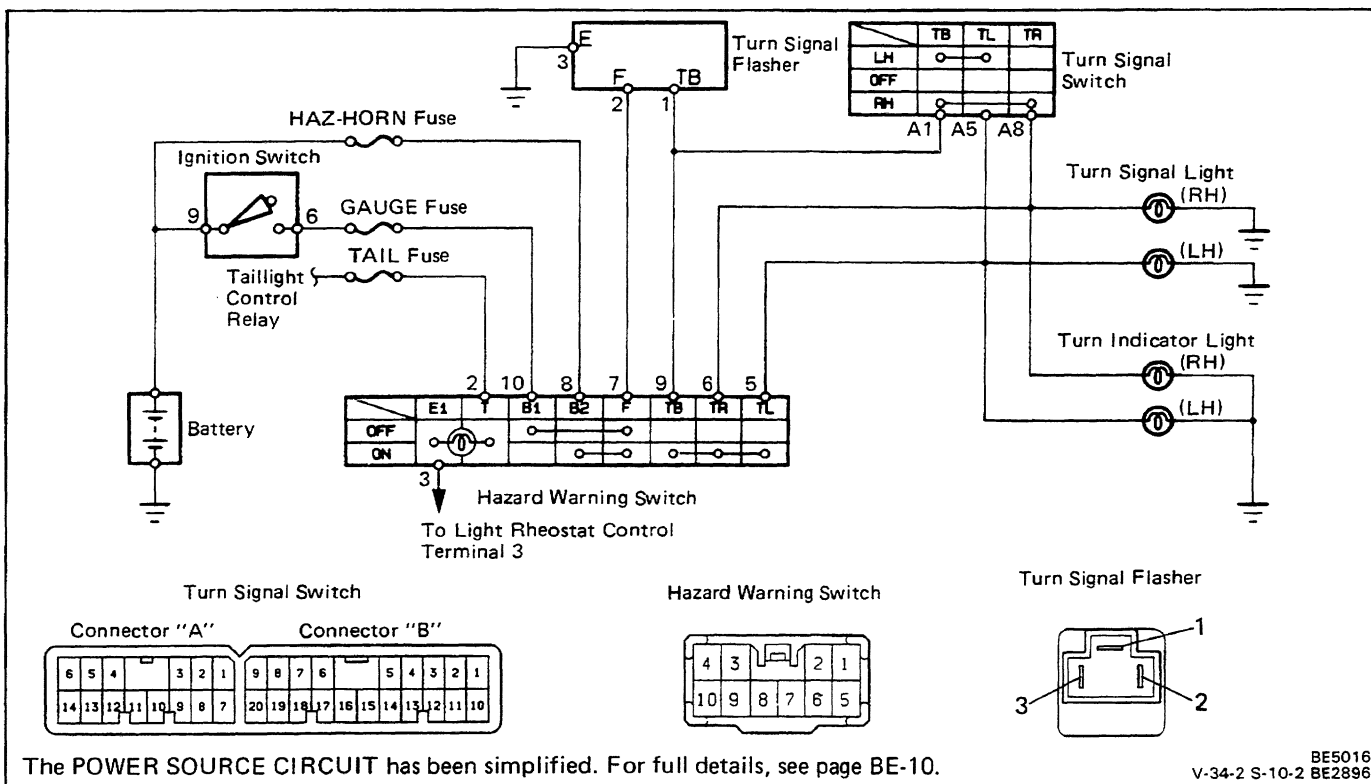


Wiring and Connector Diagrams (Headlight and Taillight System)



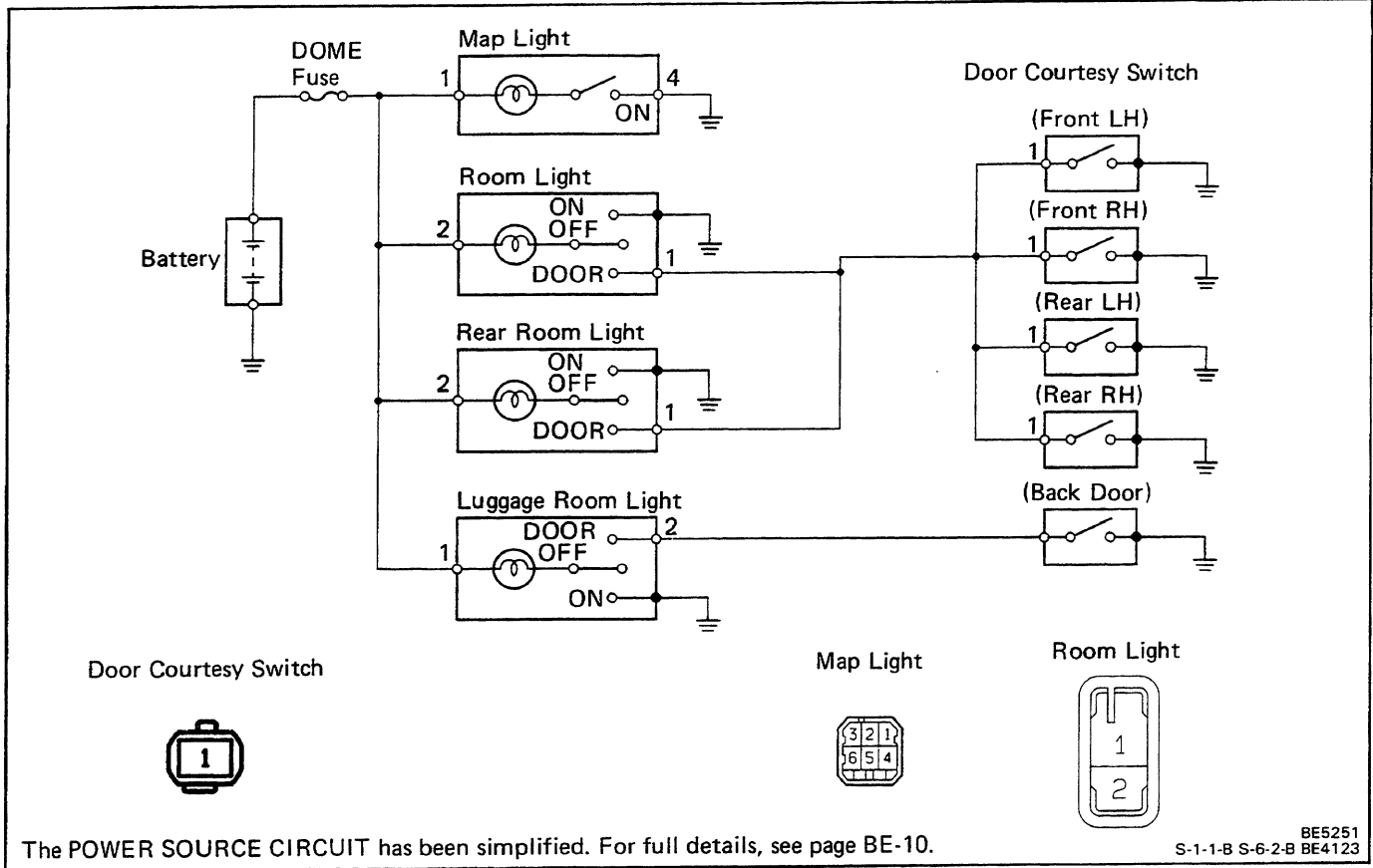
BE4983
V-34-2 BE1838 BE2763

(Turn Signal and Hazard Warning System)

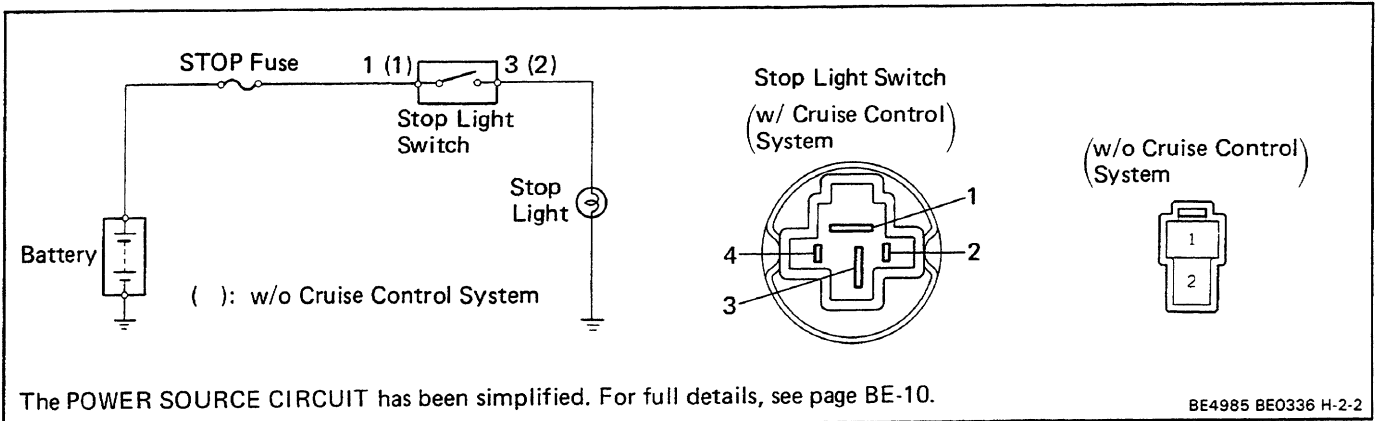


BE5016
V-34-2 S-10-2 BE2896

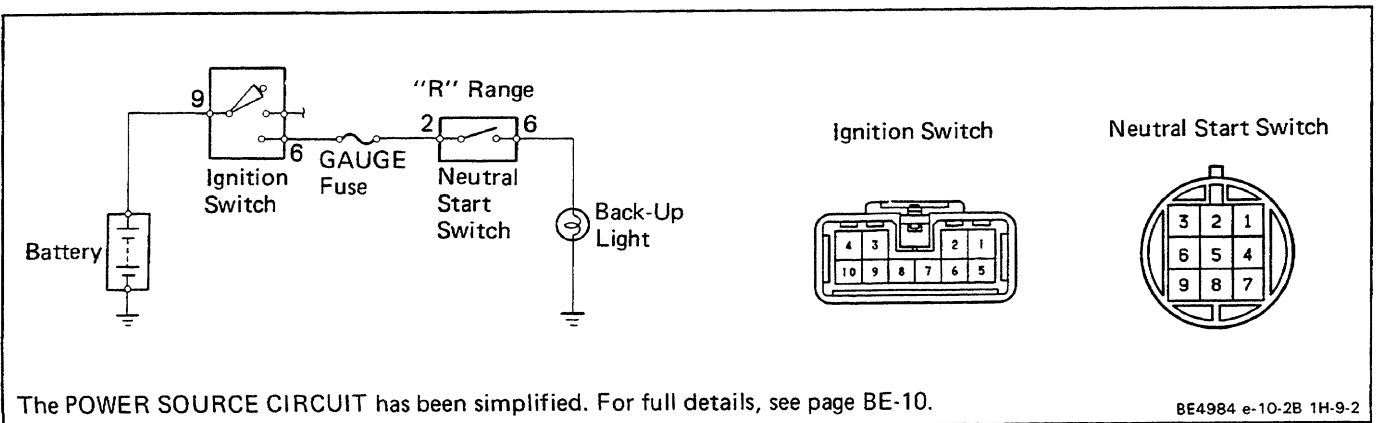
(Interior Light System)



(Stop Light System)



(Back-Up Light System)

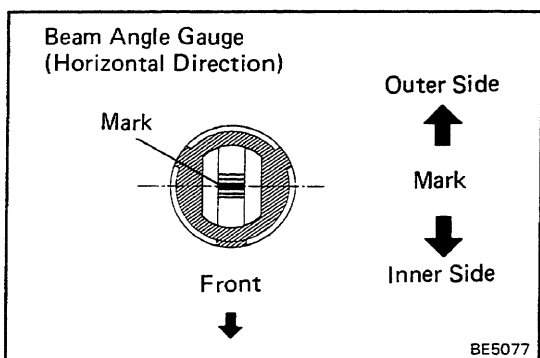
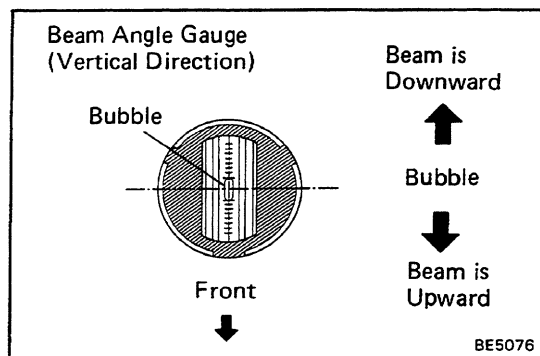
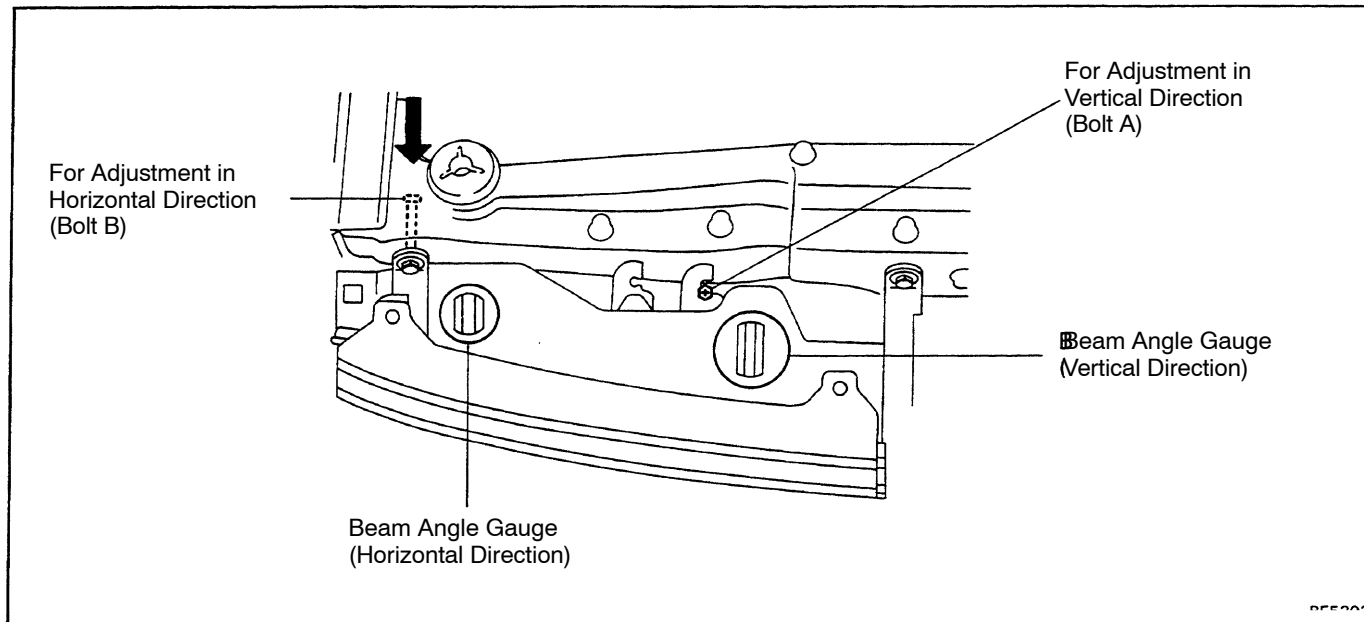


Troubleshooting

Problem	Possible cause	Remedy	Page
Only one light does not light up	Light bulb burned out Socket, wire or ground faulty	Replace bulb Repair as necessary	
Headlight do not light up	HEAD fuse blown Headlight control relay faulty Light control switch faulty Dimmer switch faulty Wiring or ground faulty	Replace fuse and check for short Check relay Check switch Check switch Repair as necessary	BE-4, 6 BE-20 BE-20 BE-20
Head beam headlights or headlight flashers do not operate	Light control switch faulty Dimmer switch faulty Wiring or ground faulty	Check switch Check switch Repair as necessary	BE-20 BE-20
Tail, parking and license light do not light up	TAIL fuse blown Taillight control relay faulty Light control switch faulty Wiring or ground faulty	Replace fuse and check for short Check Relay Check switch Repair as necessary	BE-4, 6 BE-20 BE-20
Stop lights do not light up	STOP fuse blown Stop light switch faulty Wiring or ground faulty	Replace fuse and check for short Adjust or replace switch Repair as necessary	BE-4 BE-21, BR-6
Stop lights stay on	Stop light switch faulty	Adjust or replace switch	BE-21, BR-6
Combination meter lights do not light up (taillights light up)	Light control rheostat faulty Wiring or ground faulty	Check rhostat Repair as necessary	BE-43
Turn signal does not flash on one side	Turn signal switch faulty Wiring or ground faulty	Check switch Repair as necessary	BE-20
Turn signals do not operate	TURN fuse blown Turn signal flasher faulty Turn signal switch faulty Hazard switch faulty Wiring or ground faulty	Replace fuse and check for short Check flasher Check switch Check switch Repair as necessary	BE-4, 6 BE-21 BE-20 BE-21
Hazard warning lights do not operate	HAZ-HORN fuse blown Turn signal flasher faulty Turn signal switch faulty Hazard switch faulty Wiring or ground faulty	Replace fuse and check for short Check flasher Check switch Check switch Repair as necessary	BE-4, 6 BE-21 BE-20 BE-21
Back-up light do not light up	GAUGE fuse blown Neutral start switch faulty Wiring or ground faulty	Replace fuse and check for short Check switch Repair as necessary	BE-4,6 AT-25

Parts Adjustment

Adjustment of Headlight Aim



1. INSPECT HEADLIGHT AIM

Check the following items before inspection.

- Be sure that the body around the headlight is not deformed.
- Park the vehicle on a level spot.
- The driver gets into the driver's seat and puts the vehicle in a state ready for driving (with a full tank).
- Bounce the vehicle several times.

(Vertical Direction)

Check that the bubble of the gauge does not deviate from the center of the gauge.

(Horizontal Direction)

Check that the red mark does not deviate for the center of the gauge.

If the error is over the value specified, adjust headlight aim.

2. ADJUST HEADLIGHT AIM

(Vertical Direction)

Turn the bolt A and adjust the bubble of angle gauge to center of the gauge.

HINT: The beam angle will change about $0^{\circ} 11'$ with one mark.

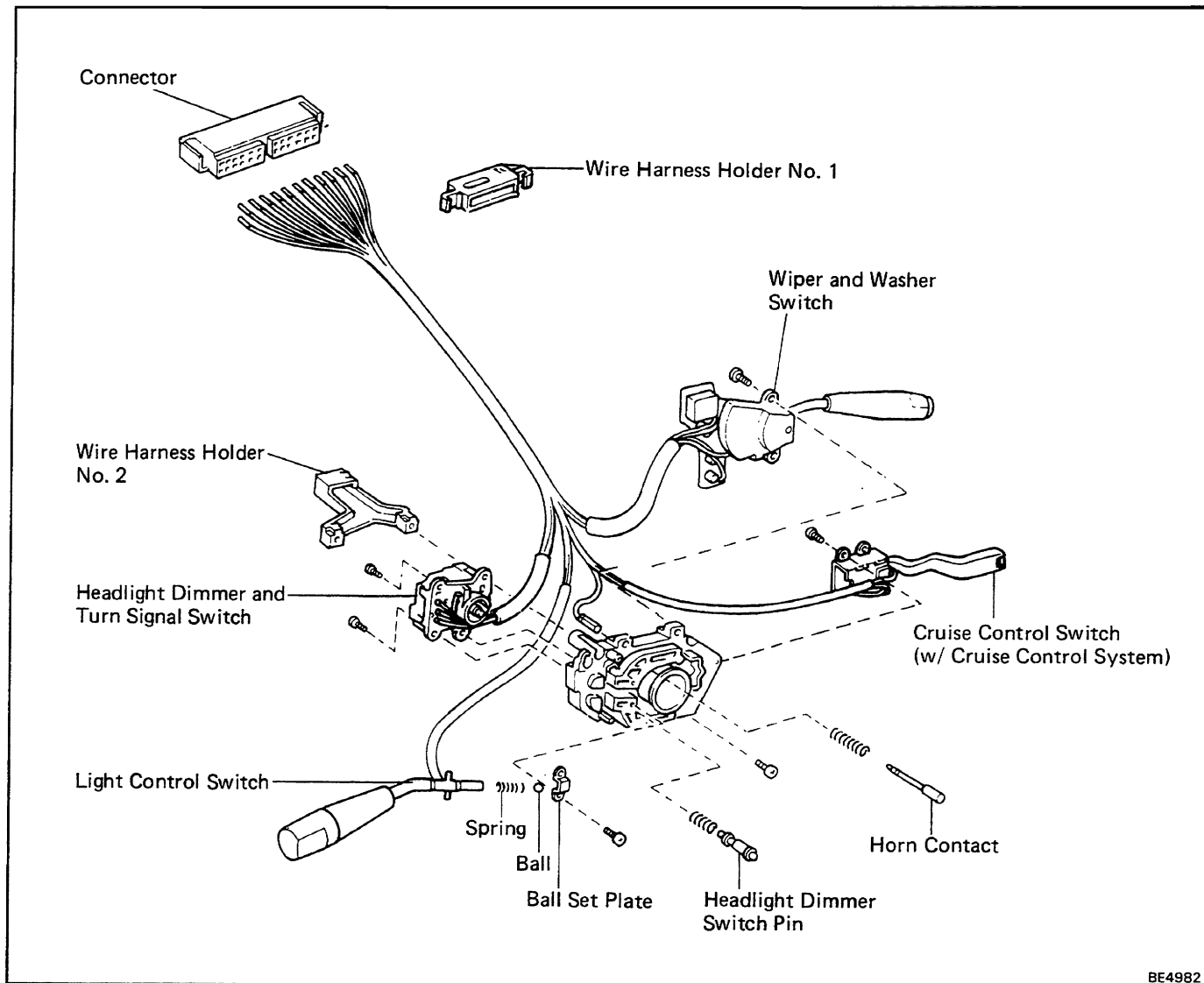
(Horizontal Direction)

Turn the bolt B and adjust the mark of angle gauge to Center of the gauge.

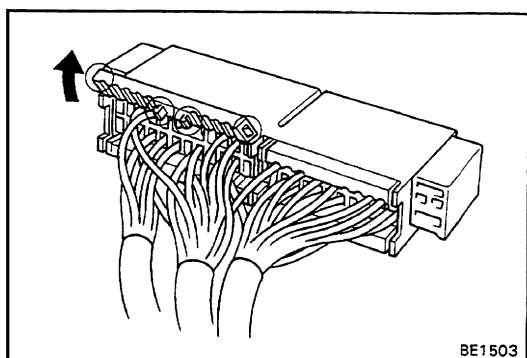
HINT: The beam angle will change about $0^{\circ} 023'$ with one mark.

NOTICE: The beam angle gauge should only be used when the headlights are correctly installed on the body.

Parts Replacement Components



BE4982



BE1503

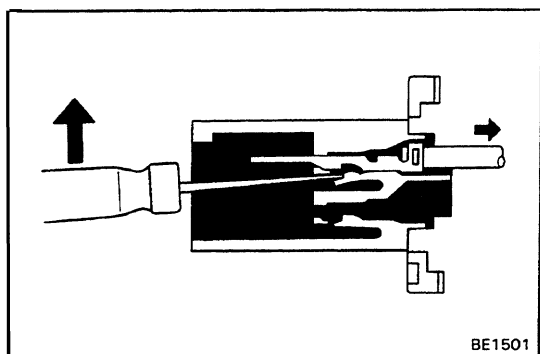
Disassembly of Combination Switch

1. REMOVE WIRE HARNESS CLAMP FROM WIRE HARNESS

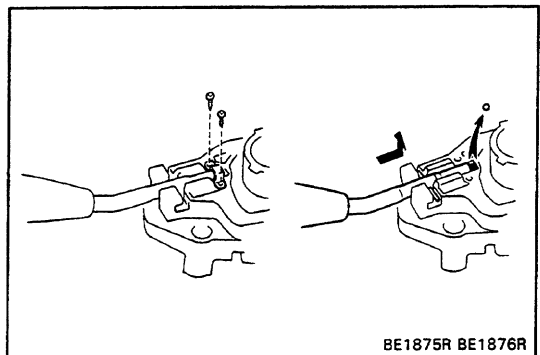
Pry loose two locking lugs and remove the clamp from the wire harness.

2. REMOVE TERMINALS FROM CONNECTOR

(a) Release four tabs and open the terminal cover.

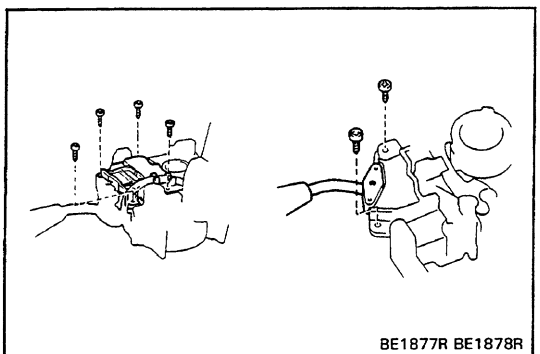


- (b) From the open end, insert a miniature screwdriver between the locking lug and terminal.
- (c) Pry down the locking lug with the screwdriver and pull the terminal out from the rear.



3. REMOVE LIGHT CONTROL SWITCH

- (a) Remove two screws and the ball set plate from the switch body.
- (d) Remove the ball and slide out the switch from the switch body with the spring.

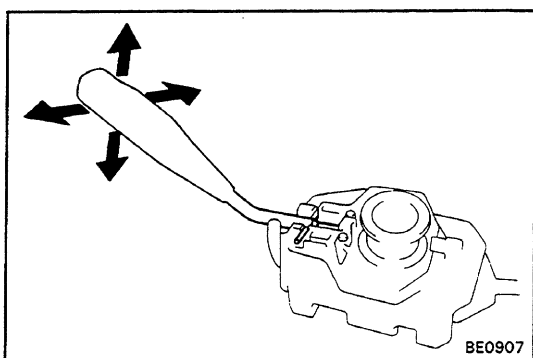


4. REMOVE HEADLIGHT DIMMER AND TURN SIGNAL SWITCH

Remove four screws and the switch from the switch body.

5. REMOVE WIPER AND WASHER SWITCH

Remove two screws and the switch from the switch body.

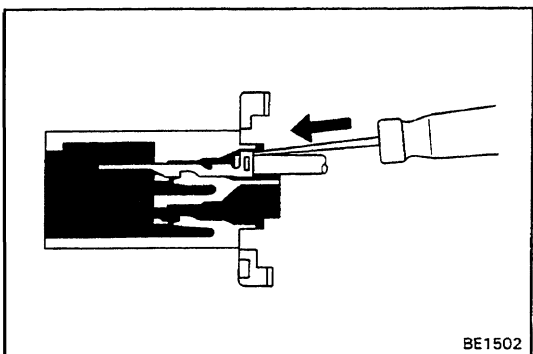


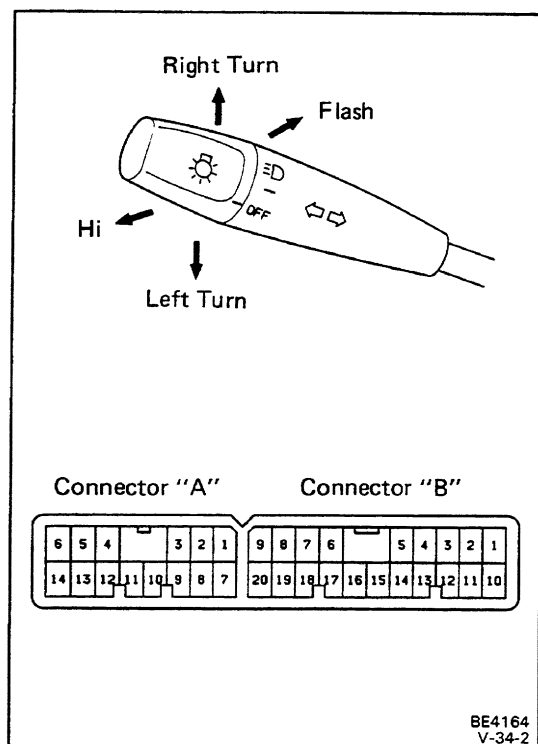
Assembly of Combination Switch

INSTALL PARTS OF COMBINATION SWITCH IN REVERSE SEQUENCE OF REMOVAL

HINT:

- After installing the switch to the switch body, insert that the switch operates in smoothly.
- Push in the terminal until it is securely locked in the connector lug.





Parts inspection

Headlight and Taillight System

1. INSPECT COMBINATION SWITCH

(Light Control Switch /Continuity)

Terminal (Color)	A2 (W)	A11 (W)	A13 (R)
Switch position			
OFF			
TAIL	○	○	
HEAD	○	○	○

(Headlight Dimmer and Turn Signal Switch/Continuity)

Headlight Dimmer Switch

Terminal (Color)	A3 (R-G)	A9 (W-B)	A12 (R-*)	A14 (R-VV)
Switch position				
Flash		○	○	○
Low beam	○	○		
High beam		○	○	

Turn Signal Switch

Terminal (Color)	A1 (G-W)	A5 (G-B)	A8 (G-*)
Switch position			
Left turn	○	○	
Neutral			
Right turn	○		○

If continuity is not as specified, replace the switch.

2. INSPECT RELAY

(Headlight Control Relay/Continuity)

BE1838 BE1840	Terminal	1	2	3	4
	Condition				
	Constant	○	○		
	Apply battery voltage to terminals 1 and 2.			○	○

(Taillight Control Relay/Continuity)

	Terminal	1	2	3
	Condition			
	Constant	○	○	
	Apply battery voltage to terminals 1 and 2.		○	○

If continuity is not as specified, replace the relay.

Turn Signal and Hazard Warning System

1. INSPECT SWITCHES

(Turn Signal Switch /Continuity)

See Headlight dimmer and Turn Signal Switch on page

[BE-20](#).

(Hazard Warning Switch /Continuity)

Terminal											Illumination	
	Switch position										2	3
OFF												
ON												

If continuity is not as specified, replace the switch.

2. INSPECT TURN SIGNAL FLASHER

(Operation)

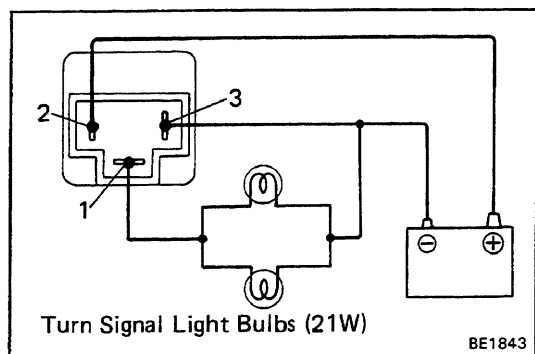
(a) Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 3.

(b) Connect the two turn signal light bulbs parallel to each other to terminals 1 and 3, check that the bulbs flash.

HINT: The turn signal lights should flash 60 to 120 times per minute.

If one of the front or rear turn signal lights has an open circuit, the number of flash rate will be more than 140 per minute.

If operation is not as specified, replace the flasher.



Stop Light System

INSPECT SWITCH

(Stop Light Switch/Continuity)

Terminals				
	1(1)	2	3(2)	4
Switch pin free (Brake pedal depressed)				
Switch pin pushed in (Brake pedal released)				

(): w/o Cruise Control System

If continuity is not as specified, replace the switch.

Back-up Light System

INSPECT SWITCH

(Neutral Start Switch)

See page [AT-25](#).