LAMPS

CONTENTS

	page		page
BULB APPLICATION	15	LAMP DIAGNOSIS	1
HEADLAMP ALIGNMENT	5	LAMP SERVICE	11
LAMP BULB SERVICE	8	LAMP SYSTEMS	14

LAMP DIAGNOSIS

INDEX

	page		page
GENERAL INFORMATION		**DIAGNOSIS AND TESTING**	
DAYTIME RUNNING LAMP MODULE	1	DIAGNOSTIC PROCEDURES	1
GENERAL INFORMATION	1	FOG LAMP DIAGNOSIS	4
SAFETY PRECAUTIONS	1	HEADLAMP DIAGNOSIS	2

GENERAL INFORMATION

GENERAL INFORMATION

Each vehicle is equipped with various lamp assemblies. A good ground is necessary for proper lighting operation. Grounding is provided by the lamp socket when it comes in contact with the metal body, or through a separate ground wire.

When changing lamp bulbs check the socket for corrosion. If corrosion is present, clean it with a wire brush and coat the inside of the socket lightly with Mopar Multi-Purpose Grease or equivalent.

SAFETY PRECAUTIONS

WARNING: EYE PROTECTION SHOULD BE USED WHEN SERVICING GLASS COMPONENTS. PERSONAL INJURY CAN RESULT.

CAUTION: Do not touch the glass of halogen bulbs with fingers or other possibly oily surface, reduced bulb life will result.

Do not use bulbs with higher candle power than indicated in the Bulb Application table at the end of this group. Damage to lamp can result.

Do not use fuses, circuit breakers or relays having greater amperage value than indicated on the fuse panel or in the Owners Manual.

When it is necessary to remove components to service another, it should not be necessary to apply excessive force or bend a component to remove it. Before damaging a trim component, verify hidden fasteners or captured edges are not holding the component in place.

DAYTIME RUNNING LAMP MODULE

PL vehicles built for use in Canada are equipped with a Daytime Running Lamp (DRL) system. The DRL system operates the headlamps at 50% illumination with the headlamp switch OFF, park brake released and the ignition ON. The DRL system is controlled by the Daytime Running Lamp Module. The DRL module overrides the headlamp switch when the headlamps are turned OFF. The headlamps operate normally when the headlamps are turned ON.

DIAGNOSIS AND TESTING

DIAGNOSTIC PROCEDURES

When a vehicle experiences problems with the headlamp system, verify the condition of the battery connections, charging system, headlamp bulbs, wire connectors, relay, high beam dimmer switch and headlamp switch. Refer to Group 8W, Wiring Diagrams for component locations and circuit information.

DIAGNOSIS AND TESTING (Continued)

HEADLAMP DIAGNOSIS

Always begin any diagnosis by testing all of the fuses and circuit breakers in the system. Refer to Group 8W, Wiring Diagrams.

Conventional and halogen headlamps are interchangeable. It is recommended that they not be intermixed on a given vehicle.

DIAGNOSIS AND TESTING (Continued)

.

HEADLAMP DIAGNOSIS

CONDITION	POSSIBLE CAUSES	CORRECTION
HEADLAMPS ARE DIM WITH ENGINE IDLING OR IGNITION TURNED OFF.	1. Loose or corroded battery cables. 2. Loose or worn generator drive belt. 3. Charging system out too low. 4. Battery has insufficient charge. 5. Battery is sulfated or shorted. 6. Poor lighting circuit Z1-ground. 7. Both headlamp bulbs defective.	1. Clean and secure battery cable clamps and posts. 2. Adjust or replace generator drive belt. 3. Test and repair charging system, refer to Group 8A. 4. Test battery state-of-charge, refer to Group 8A. 5. Load test battery, refer to Group 8A. 6. Test for voltage drop across Z1-ground locations, refer to Group 8W. 7. Replace both headlamp bulbs.
HEADLAMP BULBS BURN OUT FREQUENTLY.	1. Charging system output too high. 2. Loose or corroded terminals or splices in circuit.	1. Test and repair charging system, refer to Group 8A. 2. Inspect and repair all connectors and splices, refer to Group 8W.
HEADLAMPS ARE DIM WITH ENGINE RUNNING ABOVE IDLE.*	1. Charging system output too low. 2. Poor headlamp circuit ground. 3. High resistance in headlamp circuit. 4. Both headlamp bulbs defective.	1. Test and repair charging system, refer to Group 8A. 2. Test voltage drop across Z1-ground, refer to Group 8W. 3. Test amperage draw of headlamp circuit. 4. Replace both headlamp bulbs.
HEADLAMPS FLASH RANDOMLY.	1. Poor headlamp circuit ground. 2. High resistance in headlamp circuit. 3. Faulty headlamp switch circuit breaker. 4. Loose or corroded terminals or splices in circuit.	1. Repair circuit ground, refer to Group 8W. 2. Test amperage draw of headlamp circuit. 3. Replace headlamp switch. 4. Repair connector terminals or splices, refer to Group 8W.
HEADLAMPS DO NOT ILLUMINATE.	1. No voltage to headlamps. 2. No ground at headlamps. 3. Faulty headlamp switch. 4. Faulty headlamp dimmer switch. 5. Broken connector terminal or wire splice in headlamp circuit.	1. Replace fuse, refer to Group 8W. 2. Repair circuit ground, refer to Group 8W. 3. Replace headlamp switch. 4. Replace headlamp dimmer switch. 5. Repair connector terminal or wire splices.
* Canada vehicles must have lamps ON.		

DIAGNOSIS AND TESTING (Continued)

FOG LAMP DIAGNOSIS

CONDITION	POSSIBLE CAUSES	CORRECTION
FOG LAMPS ARE DIM WITH ENGINE IDLING OR IGNITION TURNED OFF.	1. Loose or corroded battery cables. 2. Loose or worn generator drive belt. 3. Charging system output too low. 4. Battery has insufficient charge. 5. Battery is sulfated or shorted. 6. Poor lighting circuit Z1-ground. 7. Both fog lamp bulbs defective.	1. Clean and secure battery cable clamps and posts. 2. Adjust or replace generator drive belt. 3. Test and repair charging system, refer to Group 8A. Test battery state-of-charge, refer to Group 8A. 5. Load test battery, refer to Group 8A. 6. Test for voltage drop across Z1-ground locations, refer to Group 8W. 7. Replace both lamp bulbs.
FOG LAMP BULBS BURN OUT FREQUENTLY.	1. Charging system output too high. 2. Loose or corroded terminals or splices in circuit.	1. Test and repair charging system, refer to Group 8A. 2. Inspect and repair all connectors and splices, refer to Group 8W.
FOG LAMPS ARE DIM WITH ENGINE RUNNING ABOVE IDLE.	1. Charging system output too low. 2. Poor fog lamp circuit ground. 3. High resistance in fog lamp circuit. 4. Both fog lamp bulbs defective.	1. Test and repair charging system, refer to Group 8A. 2. Test voltage drop across Z1-ground, refer to Group 8W. 3. Test amperage draw of fog lamp circuit. 4. Replace both fog lamp bulbs.
FOG LAMPS FLASH RANDOMLY.	1. Poor fog lamp circuit ground. 2. High resistance in fog lamp circuit. 3. Faulty fog lamp switch circuit breaker. 4. Loose or corroded terminals or splices in circuit.	1. Repair circuit ground, refer to Group 8W. 2. Test amperage draw of fog lamp circuit. 3. Replace fog lamp switch. 4. Repair connector terminals or splices, refer to Group 8W.
FOG LAMPS DO NOT ILLUMINATE.	1. Blown fuse for log lamps. 2. No ground at fog lamps. 3. Faulty fog lamp switch. 4. Broken connector terminal or wire splice in fog lamp circuit.	1. Replace fuse, refer to Group 8W. 2. Repair circuit ground, refer to Group 8W. 3. Replace fog lamp switch. 4. Repair connector terminal or wire splices.

HEADLAMP ALIGNMENT

INDEX

page

GENERAL INFORMATION
HEADLAMP ALIGNMENT 5
SERVICE PROCEDURES
HEADLAMP ALIGNMENT PREPARATION 5
ADJUSTMENTS
FOG LAMP ALIGNMENT 5
HEADLAMP ADJUSTMENT USING ALIGNMENT SCREEN 5
SPECIAL TOOLS
SPECIAL TOOLS—HEADLAMP ALIGNMENT . . . 7

GENERAL INFORMATION

HEADLAMP ALIGNMENT

Headlamps can be aligned using the screen method provided in this section. Alignment Tool C4466-A or equivalent can also be used. Refer to instructions provided with the tool for proper procedures. **The preferred headlamp alignment setting is 0 for the left/right adjustment and 0 for the up/down adjustment.**

SERVICE PROCEDURES

HEADLAMP ALIGNMENT PREPARATION

(1) Verify headlamp dimmer switch and high beam indicator operation.

(2) Inspect and correct damaged or defective components that could interfere with proper headlamp alignment.

(3) Verify proper tire inflation.

(4) Clean headlamp lenses.

(5) Verify that luggage area is not heavily loaded.

(6) Fuel tank should be FULL. Add 2.94 kg (6.5 lbs.) of weight over the fuel tank for each estimated gallon of missing fuel.

ADJUSTMENTS

HEADLAMP ADJUSTMENT USING ALIGNMENT SCREEN

ALIGNMENT SCREEN PREPARATION

(1) Position vehicle on a level surface perpendicular to a flat wall 7.62 meters (25 ft) away from front of headlamp lens (Fig. 1).

(2) If necessary, tape a line on the floor 7.62 meters (25 ft) away from and parallel to the wall.

(3) From the floor up 1.27 meters (5 ft), tape a line on the wall at the centerline of the vehicle. Sight along the centerline of the vehicle (from rear of vehicle forward) to verify accuracy of the line placement.

(4) Rock vehicle side-to-side three times to allow suspension to stabilize.

(5) Jounce front suspension three times by pushing downward on front bumper and releasing.

(6) Measure the distance from the center of headlamp lens to the floor. Transfer measurement to the alignment screen (with tape). Use this line for up/down adjustment reference.

(7) Measure distance from the centerline of the vehicle to the center of each headlamp being aligned. Transfer measurements to screen (with tape) to each side of vehicle centerline. Use these lines for left/right adjustment reference.

HEADLAMP ADJUSTMENT

A properly aimed low beam headlamp will project the top edge of low beam hot spot on the alignment screen from 50 mm (2 in.) above to 50 mm (2 in.) below the headlamp centerline. The side- to-side left edge of low beam hot spot should be from 50 mm (2 in.) left to 50mm (2 in.) right of headlamp centerline (Fig. 1). **The preferred headlamp alignment is 0 for the up/down adjustment and 0 for the left/right adjustment.** The high beams on a vehicle with aero headlamps cannot be aligned. The high beam pattern should be correct when the low beams are aligned properly.

To adjust headlamp alignment, rotate alignment screws to achieve the specified low beam hot spot pattern.

FOG LAMP ALIGNMENT

Prepare an alignment screen. Refer to Alignment Screen Preparation paragraph in this section. Disengage the wire connectors from the back of the headlamp bulbs to disable the headlamps. This will allow a more accurate projection reading of the fog lamps. Turn on the headlamp switch and actuate the fog lamp switch. A properly aligned fog lamp will project a pattern on the alignment screen 100 mm (4 in.) below the fog lamp centerline and straight ahead (Fig. 2).

SPECIAL TOOLS (Continued)

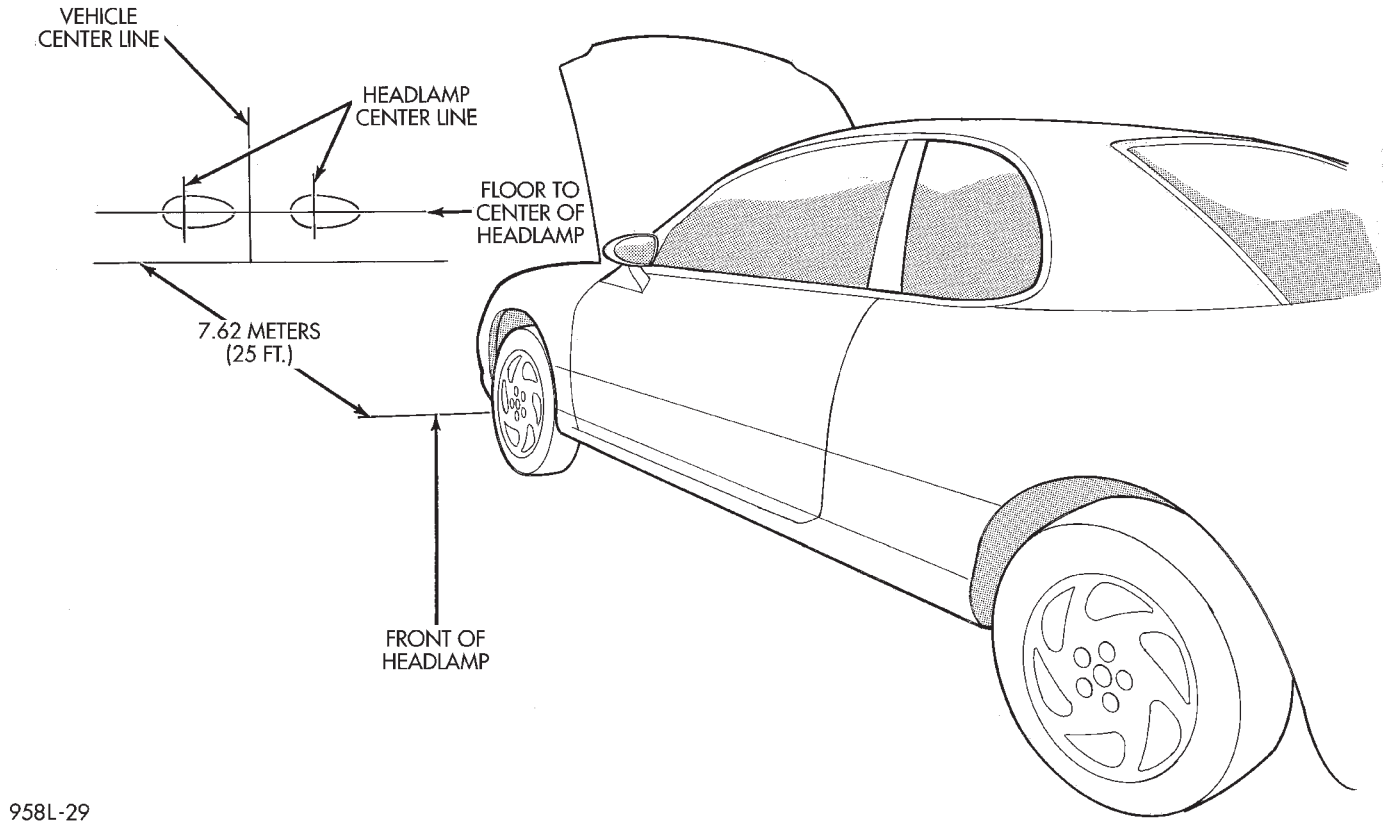


Fig. 1 Headlamp Alignment Screen—Typical

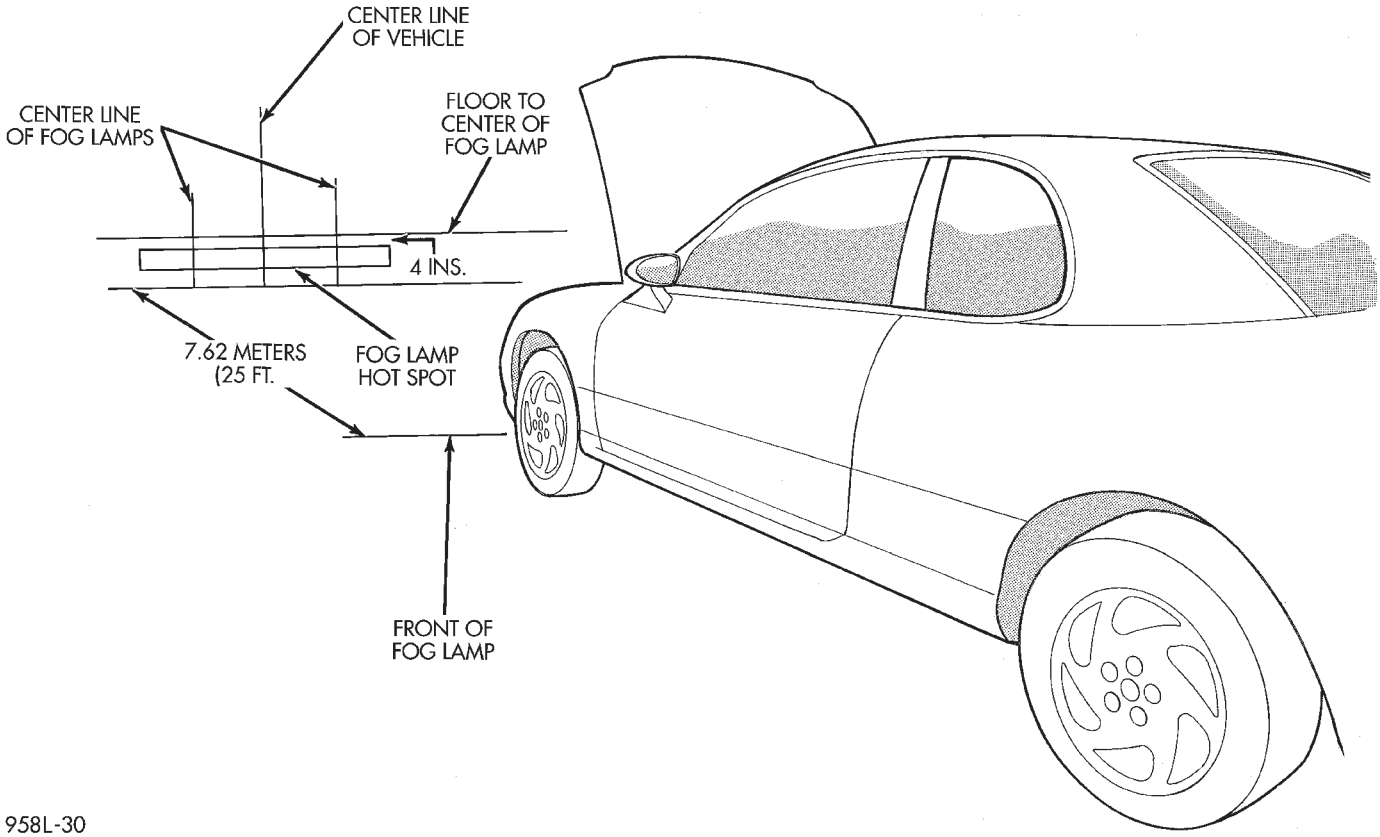
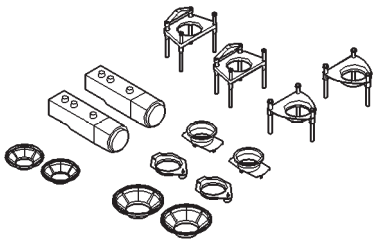


Fig. 2 Lamp Alignment Screen

SPECIAL TOOLS

SPECIAL TOOLS—HEADLAMP ALIGNMENT



Headlamp Aiming Kit C-4466–A

LAMP BULB SERVICE

INDEX

page

REMOVAL AND INSTALLATION
CENTER HIGH MOUNTED STOP LAMP BULB . . 9
DOME LAMP BULB 10
FOG LAMP BULB 8
FRONT SIDE MARKER LAMP BULB 9
HEADLAMP BULB 8
LICENSE PLATE LAMP BULB 10
PARK AND TURN SIGNAL LAMP BULB 8
REAR CARGO LAMP BULB 10
TAIL, STOP, BACK-UP AND TURN SIGNAL LAMP BULB 9
UNDERHOOD LAMP BULB 10
VISOR VANITY LAMP BULB 10

REMOVAL AND INSTALLATION

HEADLAMP BULB

REMOVAL

(1) Release hood latch and open hood.
(2) Disengage wire connector from headlamp bulb connector.
(3) Remove retaining ring holding bulb to back of headlamp module.
(4) Pull bulb from back of headlamp module (Fig. 1).

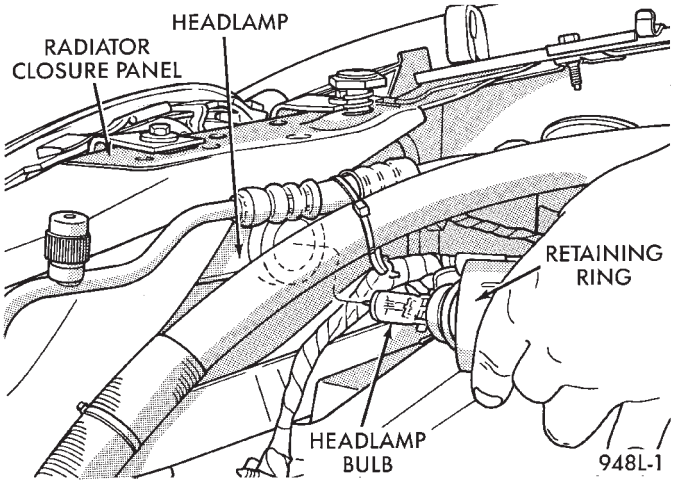


Fig. 1 Headlamp Bulb

INSTALLATION

CAUTION: Do not touch the glass of halogen bulbs with fingers or other possibly oily surface, reduced bulb life will result.

Reverse the preceding operation.

FOG LAMP BULB

REMOVAL

(1) Remove fog lamp from behind fascia.
(2) Disengage wire connector from fog lamp bulb base.
(3) Remove bulb from lamp (Fig. 2).

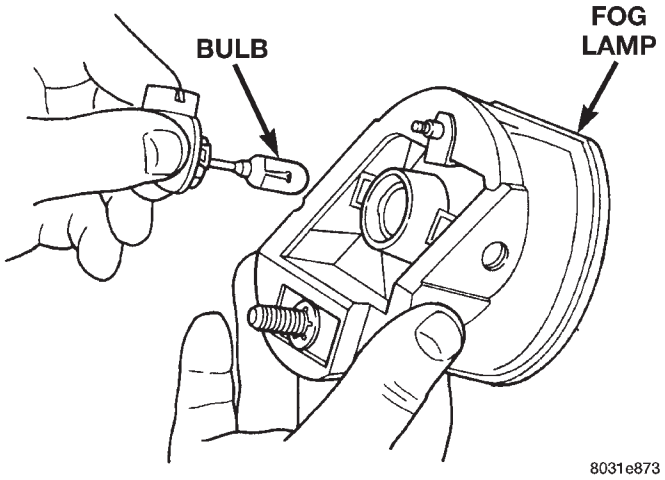


Fig. 2 Fog Lamp Bulb

INSTALLATION

CAUTION: Do not touch the glass of halogen bulbs with fingers or other possibly oily surface, reduced bulb life will result.

Reverse the preceding operation.

PARK AND TURN SIGNAL LAMP BULB

REMOVAL

(1) Release hood latch and open hood.
(2) Remove screws holding park and turn signal lamp to headlamp module.
(3) Separate lamp from module.
(4) Remove bulb socket from back of lamp.
(5) Pull bulb from socket (Fig. 3).

INSTALLATION

Reverse the preceding operation.

REMOVAL AND INSTALLATION (Continued)

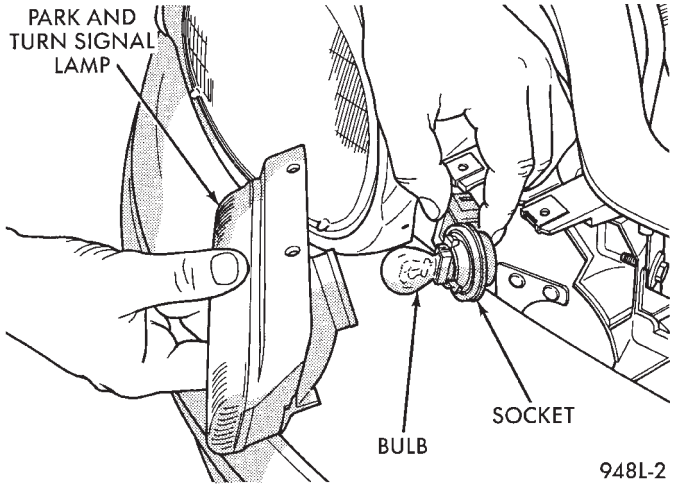


Fig. 3 Park and Turn Signal Lamp Bulb

FRONT SIDE MARKER LAMP BULB

REMOVAL

(1) Reach behind front bumper fascia forward of front wheel.

(2) Remove socket from side marker lamp.

(3) Pull bulb from socket (Fig. 4).

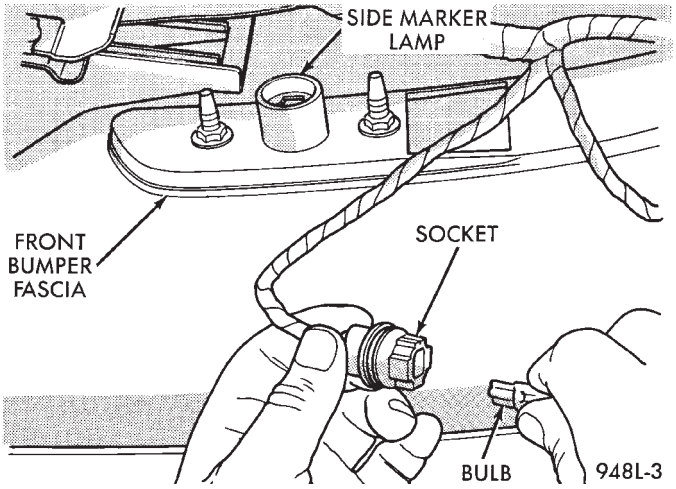


Fig. 4 Front Side Marker

INSTALLATION

Reverse the preceding operation.

CENTER HIGH MOUNTED STOP LAMP BULB

REMOVAL

(1) Release trunk latch and open trunk lid.

(2) Remove bulb socket from center high mounted stop lamp (Fig. 5).

(3) Pull bulb from socket.

INSTALLATION

Reverse the preceding operation.

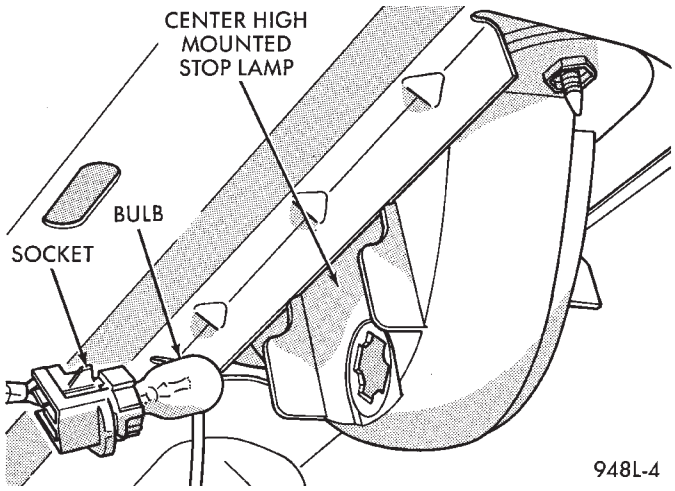


Fig. 5 CHMSL Bulb

TAIL, STOP, BACK-UP AND TURN SIGNAL LAMP BULB

REMOVAL

(1) Release trunk latch and open trunk lid.

(2) Separate trunk lining from rear closure panel to gain access to back of tail lamp.

(3) Rotate and remove bulb socket from tail lamp through openings in rear closure panel (Fig. 6).

(4) Pull bulb from socket.

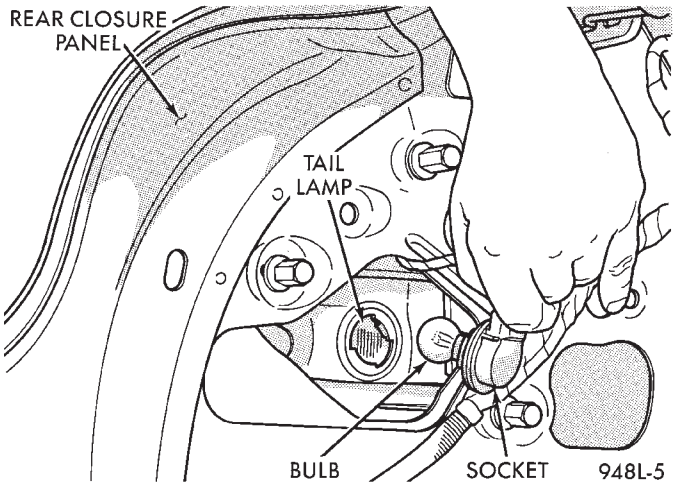


Fig. 6 Tail and Stop Lamp Bulb

INSTALLATION

(1) Push bulb into socket.

(2) Rotate and install bulb socket into tail lamp through openings in rear closure panel.

(3) Install trunk lining to rear closure panel.

(4) Close and secure trunk lid.

REMOVAL AND INSTALLATION (Continued)

LICENSE PLATE LAMP BULB

REMOVAL

(1) Remove screws holding license plate lamp to rear bumper (Fig. 7).
(2) Separate lamp from bumper.
(3) Remove bulb socket from lamp.
(4) Pull bulb from socket.

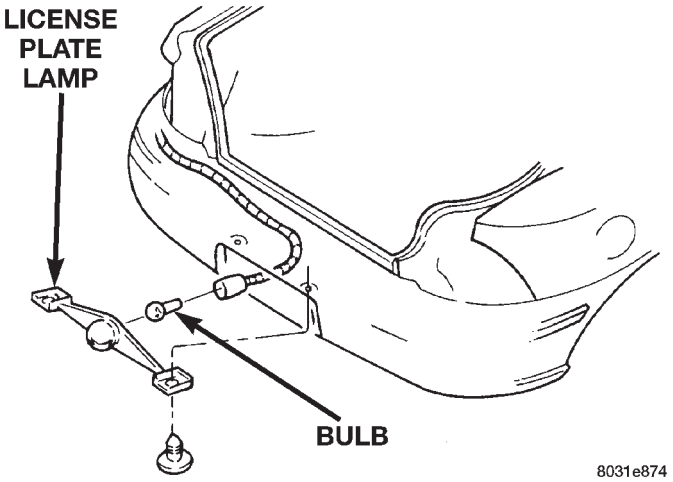


Fig. 7 License Plate Lamp

INSTALLATION

Reverse the preceding operation.

UNDERHOOD LAMP BULB

REMOVAL

(1) Disconnect the wire harness connector from the underhood lamp.
(2) Rotate the bulb counter-clockwise. Remove it from the lamp socket.

INSTALLATION

(1) Insert the replacement bulb in the lamp base socket and rotate it clockwise.
(2) Connect the wire harness connector.

DOME LAMP BULB

REMOVAL

(1) Insert a trim stick between the headliner and dome lamp lens.
(2) Carefully pry downward on the four corners of the lamp lens.
(3) Separate lamp lens from lamp.
(4) Grasp bulb and pull from lamp socket.

INSTALLATION

(1) Position bulb in socket and snap into place.
(2) Position lens on lamp and snap into place.

VISOR VANITY LAMP BULB

REMOVAL

(1) Lower visor.
(2) Insert a small flat bladed tool between the lamp lens and lamp.
(3) Carefully pry lens outward.
(4) Remove bulb from socket.

INSTALLATION

(1) Position bulb in socket and snap into place.
(2) Position lens on lamp and snap into place.

REAR CARGO LAMP BULB

The trunk lamp snaps into the rear shelf panel reinforcement under/below the package shelf.

REMOVAL

(1) Insert a trim stick or small flat blade between the lamp lens and rear shelf reinforcement panel.
(2) Pry the lamp lens downward.
(3) Pull bulb from socket

INSTALLATION

(1) Push bulb into socket.
(2) Position the lamp in the rear shelf reinforcement panel and snap into place.

LAMP SERVICE

INDEX

page

REMOVAL AND INSTALLATION
CENTER HIGH MOUNTED STOP LAMP (CHMSL) 12
DOME LAMP 13
FOG LAMP 11
FRONT SIDE MARKER LAMP 12
HEADLAMP MODULE 11
LICENSE PLATE LAMP 13
PARK AND TURN SIGNAL LAMP 11
REAR CARGO LAMP 13
TAIL, STOP AND TURN SIGNAL LAMP 12
UNDERHOOD LAMP 13
VISOR VANITY LAMP 13

REMOVAL AND INSTALLATION

HEADLAMP MODULE

REMOVAL

(1) Release hood latch and open hood.
(2) From behind bumper fascia, remove bolt holding outboard end of module to fender.
(3) Loosen bolts holding inboard end of module to radiator closure panel.
(4) Remove bolt holding grille to headlamp module.
(5) Remove bolts holding top of module to upper crossmember (Fig. 1).
(6) Disengage wire connector from headlamp and parking lamp sockets.
(7) Separate headlamp module from vehicle.

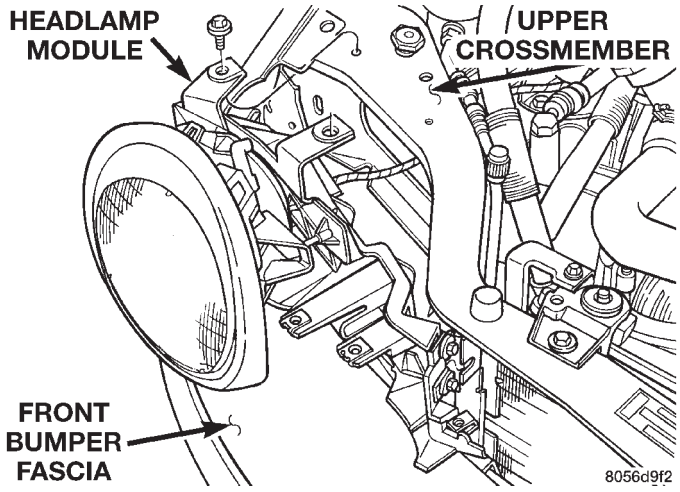


Fig. 1 Headlamp Module

INSTALLATION

Reverse the preceding operation.

FOG LAMP

REMOVAL

(1) Remove bolt holding fog lamp to radiator closure panel (Fig. 2).
(2) Separate fog lamp from radiator closure panel.
(3) Pull fog lamp through opening in fascia.
(4) Disengage wire connector from fog lamp bulb base.
(5) Separate fog lamp from vehicle.

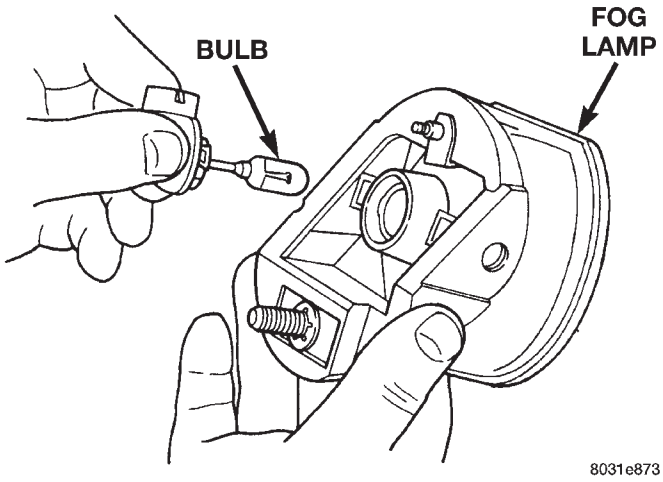


Fig. 2 Fog Lamp

INSTALLATION

Reverse the preceding operation.

PARK AND TURN SIGNAL LAMP

REMOVAL

(1) Release hood latch and open hood.
(2) Remove screws holding lamp to headlamp module (Fig. 3).
(3) Separate park and turn signal lamp from vehicle.
(4) Disengage wire connector from back of lamp socket.

REMOVAL AND INSTALLATION (Continued)

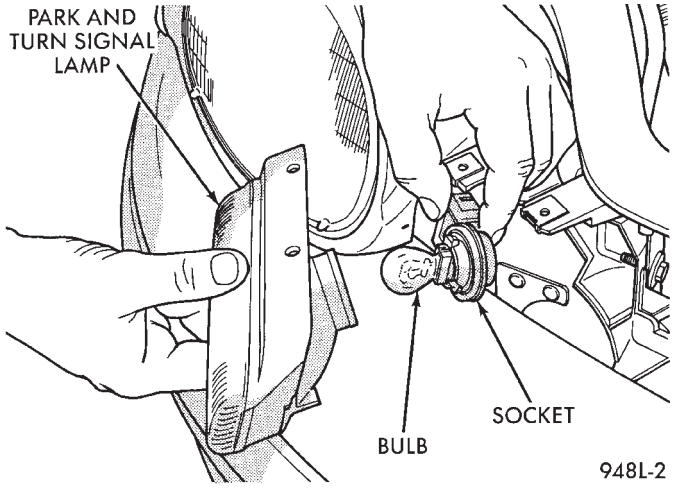


Fig. 3 Park and Turn Signal Lamp

INSTALLATION

Reverse the preceding operation.

FRONT SIDE MARKER LAMP

REMOVAL

(1) Remove socket and bulb from side marker lamp.

(2) Remove nuts holding side marker lamp to front bumper fascia (Fig. 4).

(3) Separate side marker lamp from vehicle.

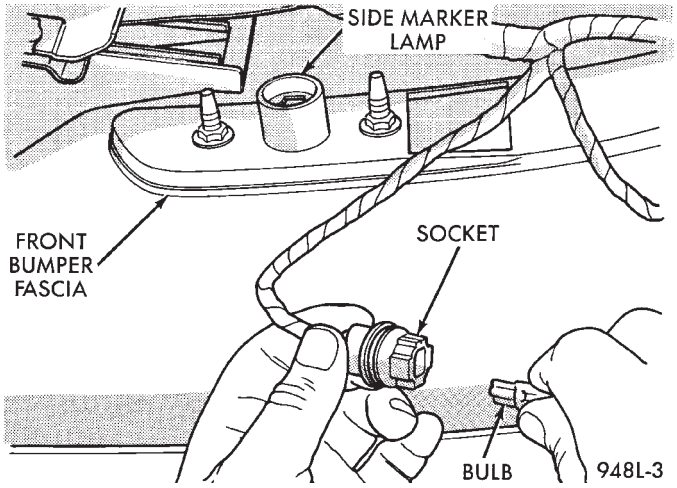


Fig. 4 Front Side Marker Lamp

INSTALLATION

Reverse the preceding operation.

CENTER HIGH MOUNTED STOP LAMP (CHMSL)

REMOVAL

(1) Release trunk latch and open trunk lid.

(2) Remove socket and bulb from lamp.

(3) Remove nuts holding center high mounted stop lamp to trunk lid (Fig. 5).

(4) Pull CHMSL from trunk lid.

(5) Separate CHMSL bezel from trunk lid.

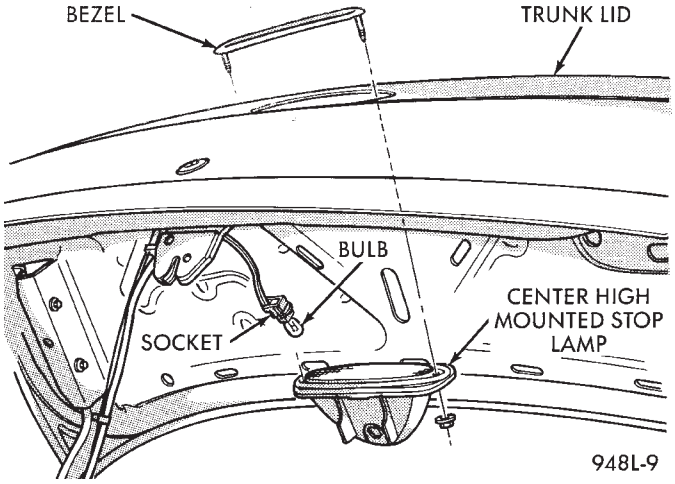


Fig. 5 Center High Mounted Stop Lamp

INSTALLATION

Reverse the preceding operation.

TAIL, STOP AND TURN SIGNAL LAMP

REMOVAL

(1) Release trunk latch and open trunk lid.

(2) Remove trunk trim panel from tail lamp area, if equipped.

(3) Remove sockets and bulbs from lamp.

(4) Remove nuts holding tail lamp to rear closure panel (Fig. 6).

(5) Separate tail lamp from vehicle.

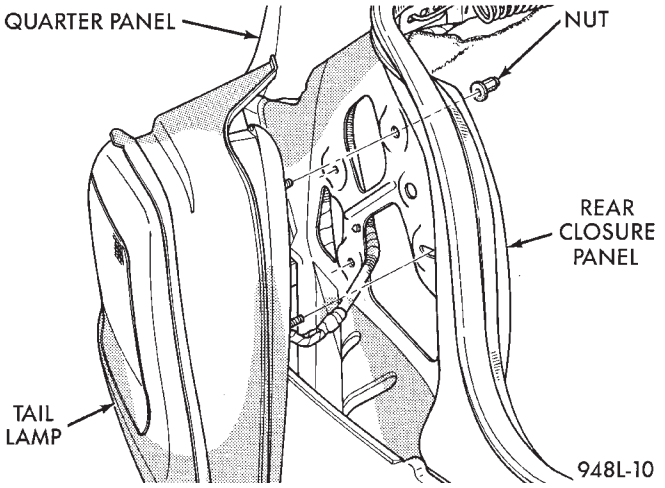


Fig. 6 Tail, Stop and Turn Signal Lamp

INSTALLATION

Reverse the preceding operation.

REMOVAL AND INSTALLATION (Continued)

LICENSE PLATE LAMP

REMOVAL

(1) Remove screws holding license plate lamp to rear bumper fascia (Fig. 7).
(2) Separate license plate lamp from bumper.
(3) Remove socket and bulb from lamp.

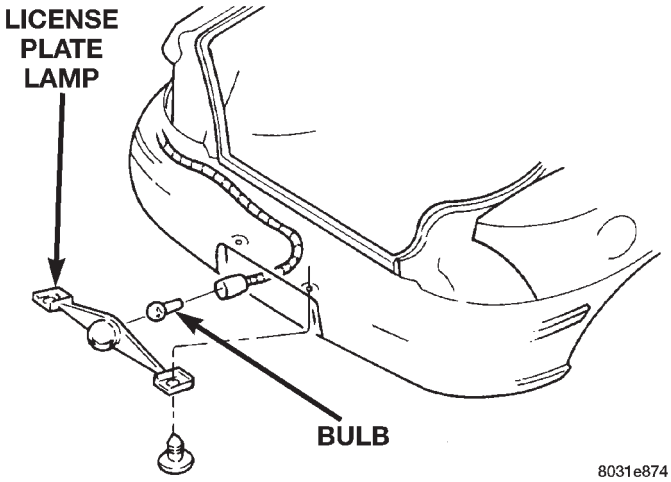


Fig. 7 License Plate Lamp

INSTALLATION

Reverse the preceding operation.

UNDERHOOD LAMP

REMOVAL

(1) Open and support hood.
(2) Remove lamp bulb.
(3) Disengage lamp wire connector.
(4) Remove the screw attaching lamp to hood.
(5) Separate lamp from vehicle.

INSTALLATION

(1) Position lamp on hood and install screw.
(2) Route lamp wire through hood silencer pad and connect lamp wire connector.
(3) Install lamp bulb.
(4) Remove hood support and close hood.

DOME LAMP

REMOVAL

(1) Insert a trim stick between the headliner and dome lamp lens.
(2) Carefully pry downward on the four corners of the lamp lens.
(3) Separate lamp lens from lamp.
(4) Disengage wire connector and remove from vehicle.

INSTALLATION

Reverse the removal procedure.

VISOR VANITY LAMP

The visor vanity lamp is incorporated in the visor assembly. Replace the visor if the lamp has failed.

REAR CARGO LAMP

REMOVAL

(1) Insert a trim stick or small flat blade between the lamp lens and rear shelf reinforcement panel.
(2) Pry the lamp lens downward.
(3) Disengage wire connectors.
(4) Separate lamp from vehicle.

INSTALLATION

Reverse the removal procedure.

LAMP SYSTEMS

INDEX

page

REMOVAL AND INSTALLATION
DAYTIME RUNNING LAMP (CANADA) 14

REMOVAL AND INSTALLATION

DAYTIME RUNNING LAMP (CANADA)

The Daytime Running Lamp module is attached to a support brace on the underside of the instrument panel (Fig. 1).

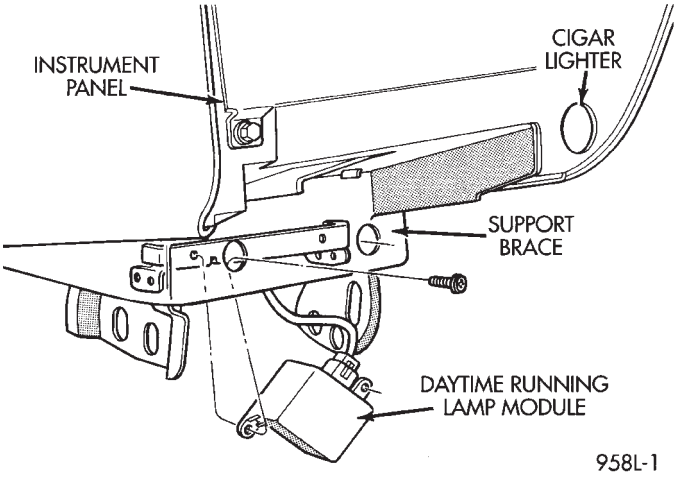


Fig. 1 DRL Module

REMOVAL

(1) Remove screw attaching DRL module to I/P support brace.
(2) Disengage wire connector.
(3) Separate module from vehicle.

INSTALLATION

(1) Engage DRL module wire connector.
(2) Position module on I/P support brace and install screw.

BULB APPLICATION

INDEX

page

SPECIFICATIONS
EXTERIOR LAMPS 15
GENERAL INFORMATION 15
INTERIOR LAMPS 15

SPECIFICATIONS

GENERAL INFORMATION

The following Bulb Application Tables lists the lamp title on the left side of the column and trade number or part number on the right.

CAUTION: Do not use bulbs that have a higher candle power than the bulb listed in the Bulb Application Table. Damage to lamp can result. Do not touch halogen bulbs with fingers or other oily surfaces. Bulb life will be reduced.

EXTERIOR LAMPS

LAMP	BULB
Back-up	3157
Center High Mounted Stop	921
Fog	GE 881
Headlamp	9007
License Plate	168
Park/Turn Signal	3157NA
Tail/Stop/Turn Signal	3157
Front Side Marker	168

INTERIOR LAMPS

Service procedures for most of the lamps in the instrument panel, Instrument cluster and switches are located in Group 8E, Instrument Panel and Gauges.

LAMP	BULB
A/C and Heater Control	203
Ash Receiver	161
Cigar Lighter	203
Dome Lamp	578
Gear Selector Console W/Auto	161
Glove Compartment	194
Ignition Lock	161
Instrument Panel and Cluster	PC194
Rear Cargo	912
Underhood	105

LAMPS

CONTENTS

	page		page
BULB APPLICATION	**8**	**LAMP DIAGNOSIS**	**1**
LAMP BULB SERVICE	**2**	**LAMP SERVICE**	**5**

LAMP DIAGNOSIS

INDEX

page

GENERAL INFORMATION
HEADLAMP LEVELING MOTOR 1

GENERAL INFORMATION

HEADLAMP LEVELING MOTOR

This vehicle is equipped with a remote headlamp leveling system. This system allows the driver to adjust the vertical headlamp aim from the interior of the vehicle to compensate for passenger or cargo load. A headlamp leveling switch is located in the instrument panel and controls the headlamp leveling motor and leveling cable found mounted to the upper radiator crossmember behind the headlamp module.

LAMP BULB SERVICE

INDEX

page

REMOVAL AND INSTALLATION
CITYLIGHT LAMP BULB 3
FOG LAMP BULB 3
FRONT TURN SIGNAL LAMP BULB 3
HEADLAMP BULB 2
SIDE REPEATER LAMP BULB 4

REMOVAL AND INSTALLATION

HEADLAMP BULB

REMOVAL

(1) Release hood latch and open hood.
(2) Remove headlamp module from vehicle.
(3) Remove rubber seal boot (Fig. 1).
(4) Disengage retaining ring from headlamp (Fig. 2).
(5) Pull headlamp bulb from back of headlamp (Fig. 3).

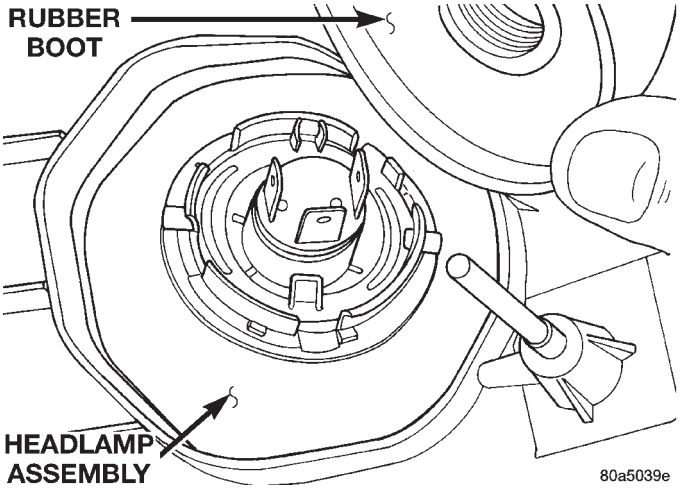


Fig. 1 Rubber Boot Seal

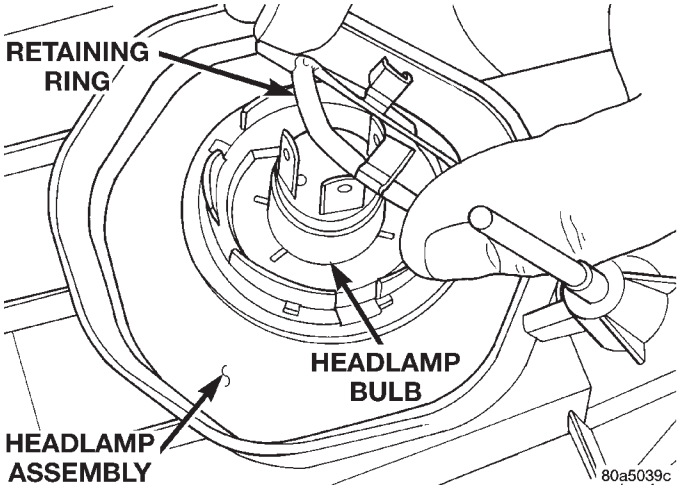


Fig. 2 Headlamp Bulb Retaining Ring

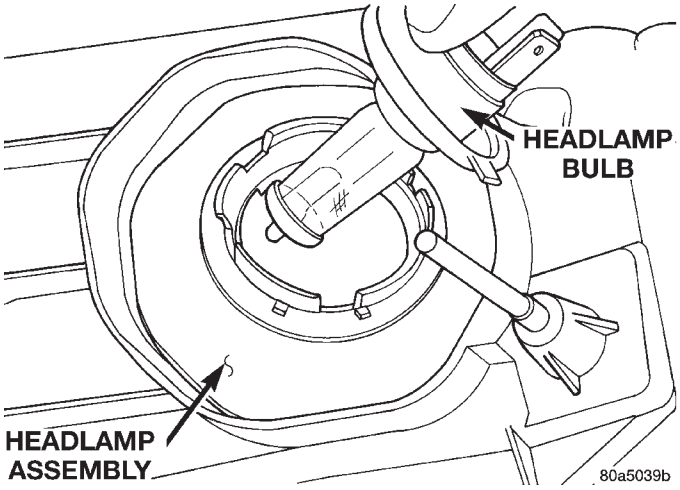


Fig. 3 Headlamp Bulb

REMOVAL AND INSTALLATION (Continued)

INSTALLATION

CAUTION: Do not touch the glass of halogen bulbs with fingers of other possibly oily surface. Reduced bulb life will result.

(1) Insert headlamp bulb to headlamp.
(2) Install retaining ring to headlamp.
(3) Install rubber seal boot.
(4) Engage wire connector to headlamp bulb base.
(5) Install headlamp module into vehicle
(6) Verify headlamp alignment.

FRONT TURN SIGNAL LAMP BULB

REMOVAL

(1) Remove front turn signal lamp from vehicle.
(2) Rotate front turn signal lamp socket one quarter turn counter-clockwise.
(3) Pull socket from back of lamp.
(4) Pull bulb from socket (Fig. 4).

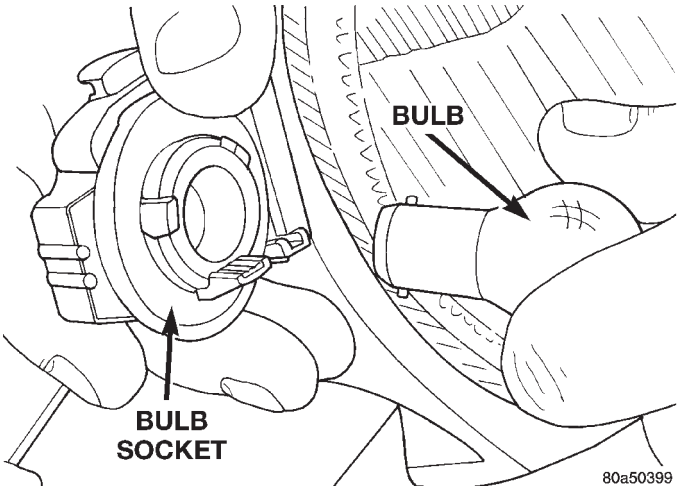


Fig. 4 Front Turn Signal Lamp Bulb

INSTALLATION

(1) Align key on bulb base to groove in socket and insert bulb into socket.
(2) Insert socket into back of headlamp.
(3) Rotate front turn signal socket clockwise one quarter turn.
(4) Install front turn signal lamp onto vehicle.
(5) Verify lamp operation.

CITYLIGHT LAMP BULB

REMOVAL

(1) Pull citylight lamp socket from rubber bushing in headlamp housing (Fig. 5).
(2) Rotate and pull bulb from socket (Fig. 6).

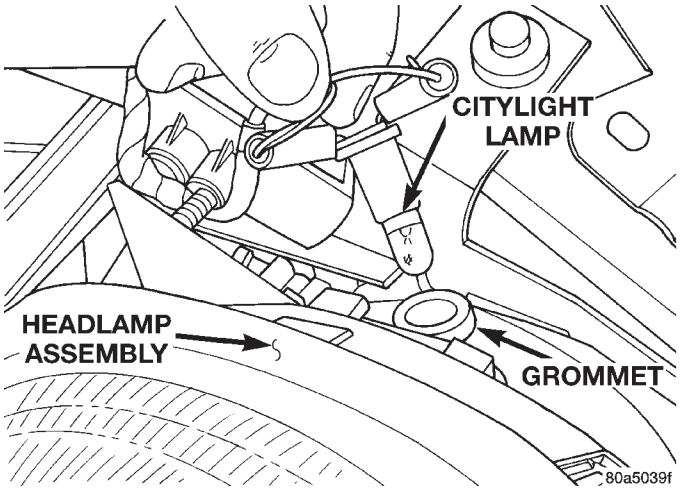


Fig. 5 Citylight Lamp Socket

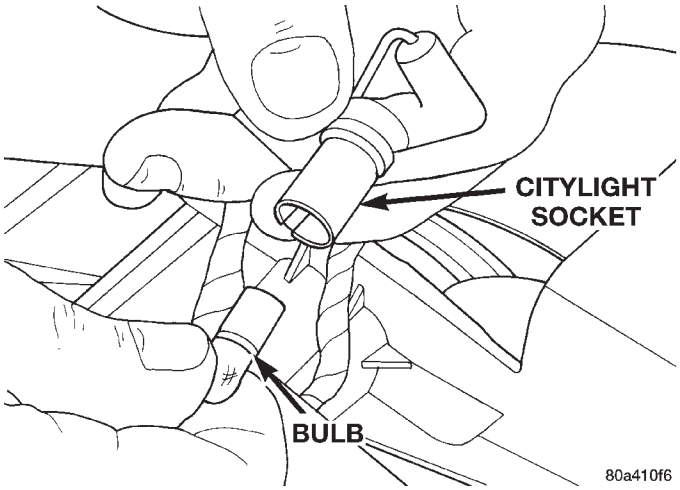


Fig. 6 Citylight Lamp Bulb

INSTALLATION

(1) Position citylight lamp bulb to lamp socket.
(2) Push and twist bulb into socket.
(3) Push citylight lamp into bushing in headlamp housing.

FOG LAMP BULB

REMOVAL

(1) Remove fog lamp assembly from fascia.
(2) Disengage fog lamp housing from bracket assembly.
(3) Compress Wire Bulb Retainer (Fig. 7) on fog lamp housing and pull away from lock tabs.

NOTE: Do not pull bulb from base.

REMOVAL AND INSTALLATION (Continued)

(4) Disconnect Bulb Power and Ground Leads from harness and bulb base. (Fig. 8).

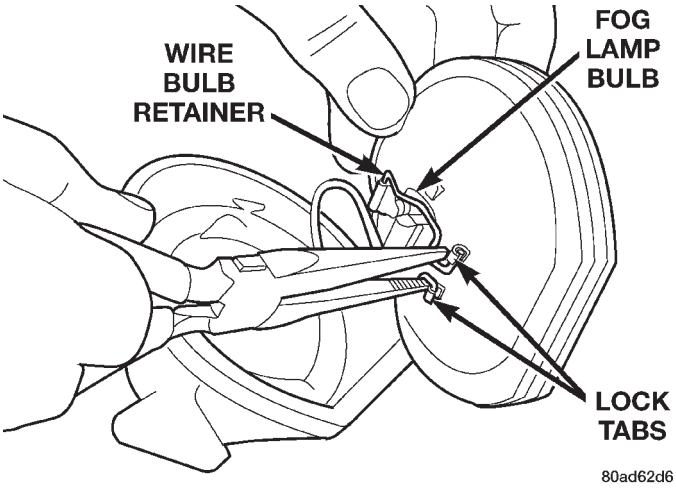


Fig. 7 Wire Bulb Retainer

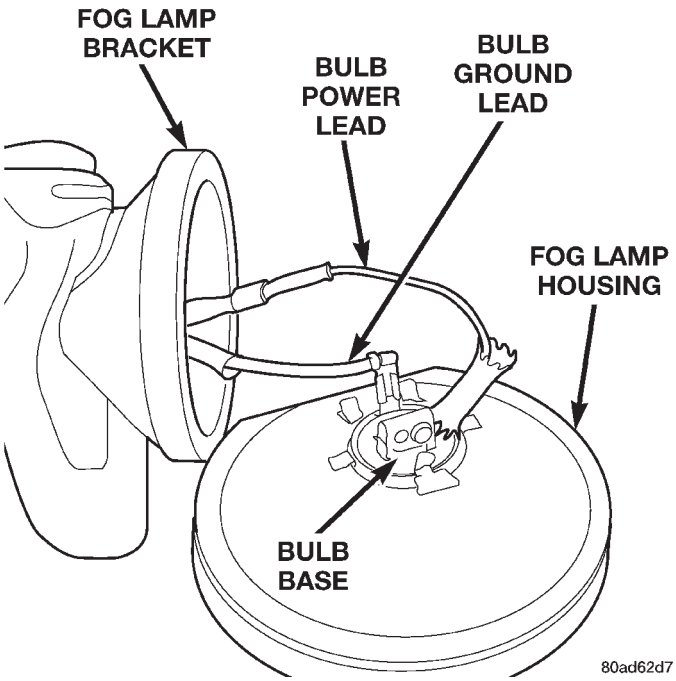


Fig. 8 Bulb Power and Ground Leads

INSTALLATION

CAUTION: Do not touch the glass of halogen bulbs with fingers or other possibly oily surface, reduced bulb life will result.

(1) Align locator tabs and insert new bulb into fog lamp housing.
(2) Connect Bulb Ground Lead to bulb base.
(3) Connect Bulb Power Lead to Harness
(4) Compress Wire Bulb Retainer and engage into lock tabs on fog lamp housing
(5) Install Fog Lamp Housing into Fog Lamp Bracket.
(6) Install Fog Lamp Assembly into fascia.

SIDE REPEATER LAMP BULB

REMOVAL

(1) Push lamp rearward.
(2) While pushing lamp, pry forward edge of lamp away from car
(3) Pull lamp from hole
(4) Pull rubber boot away from lamp housing.
(5) Rotate and pull bulb from socket

INSTALLATION

(1) Align side repeater lamp bulb to socket
(2) Push and twist bulb into socket.
(3) Push rubber boot over lamp housing.
(4) Position side repeater lamp assembly to hole in fender.

NOTE: The metal clip should be opposite of notch in fender hole.

(5) Compress metal clip by pushing lamp rearward
(6) While pushing lamp assembly rearward, push lamp into fender hole.
(7) Ensure that lamp is firmly attatched to body.

LAMP SERVICE

INDEX

page

GENERAL INFORMATION
HEADLAMP DIMMER SWITCH 5
HEADLAMP SWITCH 5

REMOVAL AND INSTALLATION
FOG LAMP 6
HEADLAMP LEVELING MOTOR 6
HEADLAMP MODULE 5
SIDE REPEATER LAMP 7

GENERAL INFORMATION

HEADLAMP SWITCH

Service procedures for the headlamp switch can be found in Group 8E, Instrument Panel and Gauges. More information can be found in Group 8W, Wiring Diagrams.

HEADLAMP DIMMER SWITCH

The headlamp dimmer switch is incorporated into the multi-function (turn signal) switch. Proper procedures can be found in Group 8J, Turn Signal and Flashers. More information can be found in Group 8W, Wiring Diagrams.

REMOVAL AND INSTALLATION

HEADLAMP MODULE

REMOVAL

(1) Release hood latch and open hood.
(2) Remove headlamp horizontal aim cable from retainer clip on radiator upper crossmember.
(3) Disengage wire connector from leveling motor.
(4) Remove bolts holding headlamp leveling motor to the upper radiator crossmember.
(5) Remove plastic locking cap holding vertical leveling cable into leveling motor arm.
(6) Separate leveling cable from motor arm.
(7) Rotate leveling cable case one quarter turn counter-clockwise and separate cable from motor bracket.
(8) Separate leveling motor and bracket from vehicle.
(9) From between front fascia and headlamp module, remove bolt holding outboard end of module to fender.
(10) Remove bolts holding inboard end of module to radiator closure panel.
(11) Remove bolts holding top of module to upper crossmember (Fig. 1).
(12) Disengage wire connector from headlamp and parking lamp sockets.
(13) Separate headlamp module from vehicle.

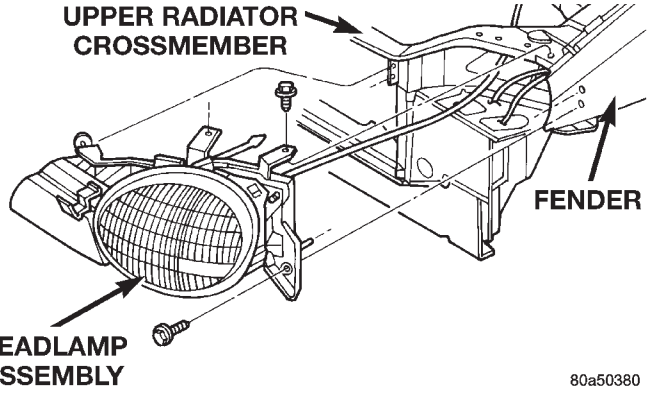


Fig. 1 Headlamp Module

INSTALLATION

(1) Position headlamp module to vehicle.
(2) Route headlamp leveling cables through opening in radiator closure panel.
(3) Engage wire connector to headlamp and parking lamp sockets.
(4) Install bolts to hold top of module to upper crossmember.
(5) Install bolts to hold inboard end of module to radiator closure panel.
(6) Install bolt to hold outboard end of module to fender.
(7) Position leveling motor and bracket to vehicle.
(8) Insert leveling cable through opening in leveling motor bracket.
(9) Rotate leveling cable case one quarter turn clockwise.
(10) Engage leveling cable to leveling motor arm.
(11) Install plastic locking cap to hold leveling cable into motor arm.
(12) Install bolts to hold leveling motor to upper radiator crossmember.
(13) Engage wire connector to leveling motor.
(14) Engage horizontal aim cable to retainer clip on upper radiator crossmember.
(15) Verify lamp operation.

REMOVAL AND INSTALLATION (Continued)

HEADLAMP LEVELING MOTOR

REMOVAL

(1) Disengage wire connector from headlamp leveling motor.

(2) Remove bolts holding headlamp leveling motor to upper radiator crossmember (Fig. 2).

(3) Remove plastic locking cap holding leveling cable into motor arm (Fig. 3).

(4) Remove leveling cable from leveling motor arm.

(5) Rotate leveling motor one quarter turn counterclockwise and disengage leveling motor from leveling motor bracket.

(6) Separate leveling motor from vehicle.

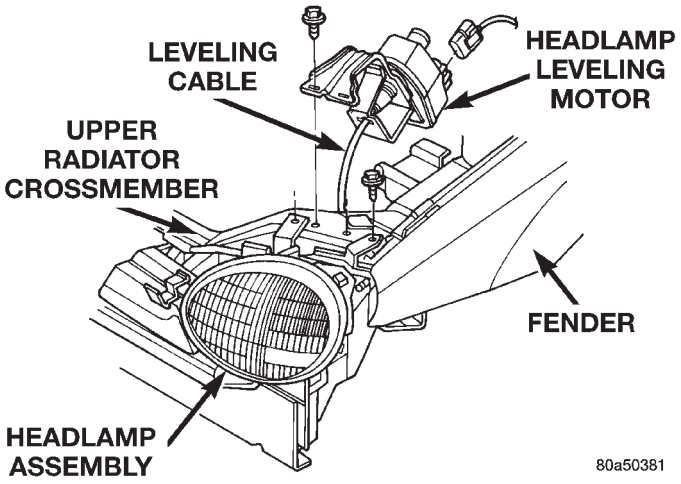


Fig. 2 Headlamp Leveling Motor

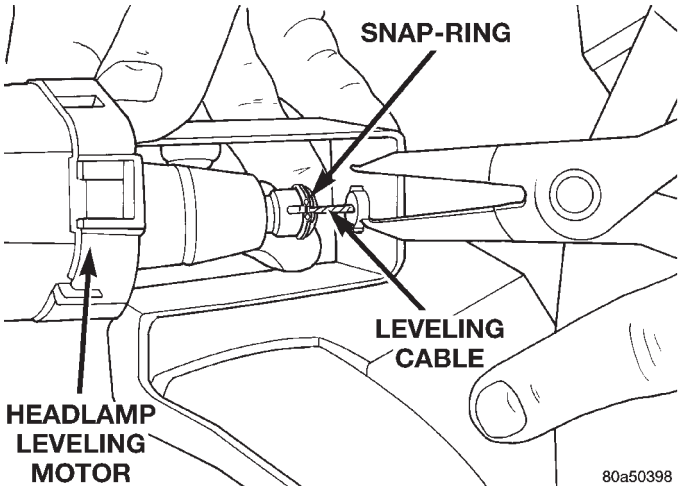


Fig. 3 Headlamp Leveling Cable From Leveling Motor

INSTALLATION

(1) Position headlamp leveling motor to vehicle.

(2) Insert leveling motor through hole in leveling motor bracket.

(3) Rotate leveling motor one quarter turn clockwise.

(4) Install leveling cable to leveling motor arm.

(5) Install plastic locking cap to hold leveling cable into motor arm.

(6) Install bolts to hold headlamp leveling motor to upper radiator crossmember.

(7) Engage wire connector to headlamp leveling motor.

FOG LAMP

REMOVAL

(1) Remove nut holding fog lamp to radiator crossmember (Fig. 4).

(2) Separate fog lamp from radiator crossmember.

(3) Pull fog lamp through opening in fascia.

(4) Disengage fog lamp wire connector from body wiring harness.

(5) Separate fog lamp from vehicle.

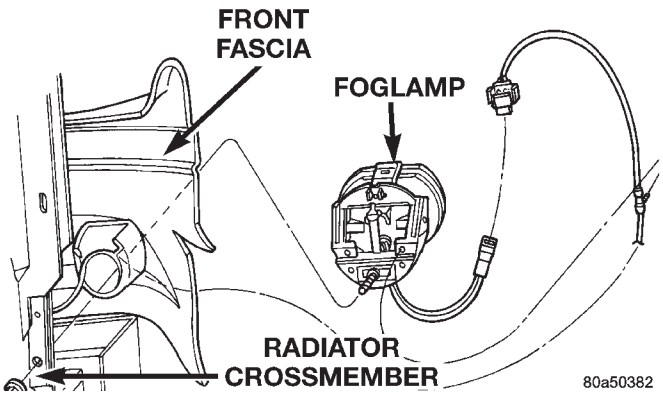


Fig. 4 Fog Lamp

INSTALLATION

(1) Position fog lamp to vehicle.

(2) Engage fog lamp wire connector to body wiring harness.

(3) Insert fog lamp through opening in fascia.

(4) Position fog lamp to radiator crossmember.

(5) Install nut to hold fog lamp to radiator crossmember.

REMOVAL AND INSTALLATION (Continued)

SIDE REPEATER LAMP

REMOVAL

(1) Push Repeater Lamp Assembly Rearward

(2) While pushing Repeater Lamp Assembly rearward, pry edge of lamp away from car.

(3) Pull Repeater Lamp Assembly from hole.

INSTALLATION

(1) Position Repeater Lamp Assembly in mounting hole.

NOTE: The metal clip on the Repeater Lamp Assembly should be opposite from notch in fender hole.

(2) Compress metal clip by pushing Repeater Lamp Assembly rearward.

(3) While pushing Repeater Lamp Assembly rearward, push lamp into fender hole.

(4) Ensure that Repeater Lamp Assembly is firmly attatched to body.

BULB APPLICATION

INDEX

page

GENERAL INFORMATION
INTRODUCTION 8

SPECIFICATIONS
EXTERIOR LAMPS 8
INTERIOR LAMPS 8

GENERAL INFORMATION

INTRODUCTION

The following Bulb Application Tables list the lamp title on the left side of the column and trade number or part number on the right.

CAUTION: Do not use bulbs that have a higher candle power than the bulb listed in the Bulb Application Table. Damage to lamp can result.

Do not touch halogen bulbs with fingers or other possibly oily surfaces. Bulb life will be reduced.

If a halogen bulb is contaminated with oil, clean bulb with denatured alcohol or ammonia based solvent.

SPECIFICATIONS

EXTERIOR LAMPS

LAMP	BULB
Back-up	P21W
Center High Mounted Stop	921
Front Fog Lamp	H-3
Headlamp	H-4
License Plate	W5W
Front Turn Signal	P21/5W
Tail/Stop	P21/5W
Rear Turn Signal	P21W
Rear Fog Lamp	P21W
Citylight	T4W
Side Repeater	T4W

INTERIOR LAMPS

LAMP	BULB
ABS	PC194
Airbag	PC194
Ash Tray	161
Brake Warning System Indicator	PC194
Cigar Lighter	203
Climate Controls	203
Console Gear Selector	161
Dome light	578
Glove Box	194
High Beam Indicator	PC194
Ignition Key	161
Instrument Cluster	PC194
Rear Cargo	912
Seat Belt Indicator	PC74
Service Engine Soon	PC194
Turn Signal Soon	PC194
Underhood	105
Visor Vanity	6501966
Volts Indicator	PC74