

panel switch for malfunction and/or body wiring harness.

(3) Confirm ground connection is good at the instrument panel switch.

Tailgate Keylock Switch

Removal

(1) Disconnect power connector at switch and remove three (3) mounting screws securing latch and switch assembly to right edge of tailgate door support.

(2) Rotate latch mechanism inside door shell slightly to facilitate removal of key lock switch.

(3) Release switch assembly by removing two (2) screws which secure lock switch to mounting plate.

Remove switch. Key lock mechanism should not be removed from door.

Installation

(1) Securely attach power connector to lock switch before attempting switch installation.

(2) Confirm that switch key slot is aligned correctly to the activating lever mechanism. Otherwise, switch will not operate.

(3) Secure lock switch by installing two (2) screws to mounting plate.

(4) Rotate latch mechanism inside door shell to facilitate installation of key lock switch.

(5) Attach three (3) mounting screws which secure latch and switch assembly to right edge of tailgate door support.

HEATED REAR GLASS

INDEX

General Information	Page 198
Repair Procedure	200
System Description	198

Tailgate Glass	Page 200
Test Procedure	198

GENERAL INFORMATION

The electrically heated rear window is available on all carlines. On R,W,S,X,P,D,C (intermediate and full size) models the option includes the 100 amp alternator and on H and N models (compact) the 65 amp alternator is used.

The system consists of a rear window with two vertical bus bars and a series of electrically connected grid lines baked on the inside surface. A control switch and a timer relay is used on H,N,P,D,C, carlines, and a control switch and continuous relay is used on R,W,X and S models.

Circuit protection is provided by a fusible link on R,W,S,X,P,D,C carlines and by a circuit breaker on H and N carlines.

When switch is turned to ON position, current is directed to rear window grid lines. The heated grid lines in turn heat rear window to clear the surface of the glass.

CAUTION: Since grid lines can be damaged or scraped off with sharp instruments, care should be taken in cleaning glass or removing foreign materials, decals or stickers. Normal glass cleaning solvents or hot water used with rags or toweling is recommended.

SYSTEM DESCRIPTION

Timer Relay (H,N,P,D,C)

The timer relay system has an electronic timing circuit which allows current to flow through grid system for approximately 10 minutes after the system is energized.

Continuous Relay (R,W,S,X)

On R,W,S and X carlines the heated rear window system incorporates a continuous relay in the circuit. When system is turned on it will remain on until system or ignition is turned off.

Control Switch

The heated rear window control switch is a three position switch which is spring-loaded to return from On or Off to its center NORMAL position.

When switch is moved to ON position it energizes a relay coil thereby causing the normally open relay contacts to close and provide power to rear window grid lines and to an indicating light on the instrument panel. When the switch returns to its NORMAL position, current provided to relay is sufficient to maintain relay coil energized and relay contacts closed.

TEST PROCEDURE

System Test

Electrically heated rear window operation can be checked in-car in the following manner:

- (1) Turn the ignition ON.
- (2) Turn heated rear window control switch ON.
- (3) Monitor car ammeter. With the control switch ON, a distinct current draw should be noted.
- (4) Using a DC voltmeter, contact the vertical bus bar on the passenger side of car with a negative lead, and the driver side of car with a positive lead. The voltmeter should read 10-14 volts.