

# ELECTRICAL DISTRIBUTION

GROUP  
**18**  
(1000)

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## SECTION 18-01 Wiring and Circuit Protection

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### VEHICLE APPLICATION

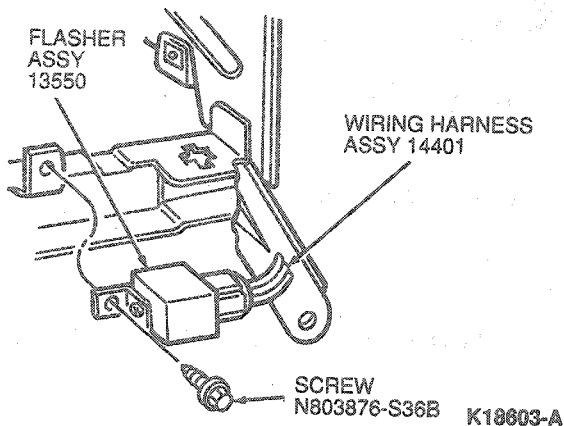
Taurus/Sable.

## DESCRIPTION AND OPERATION

## Fuses and Circuit Breakers

## Flasher Location

An electronic combination turn signal and emergency warning flasher is secured to the lower LH instrument panel reinforcement by one screw (above fuse panel).

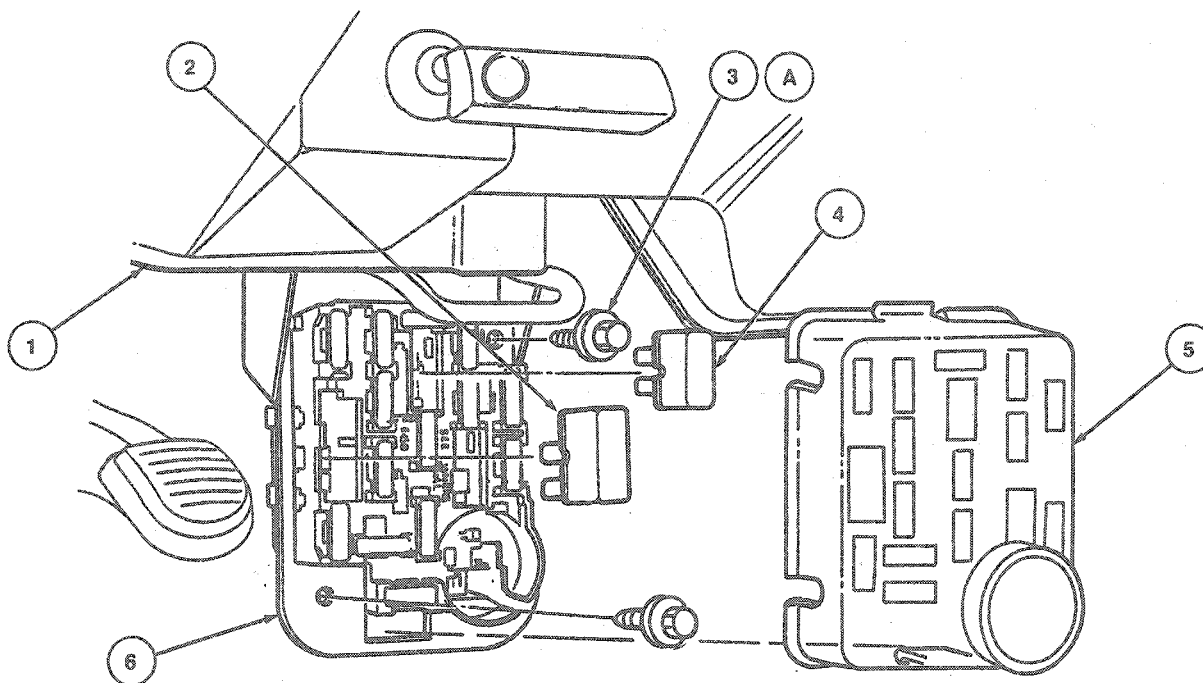


## Location and Values

A combination fuse and circuit breaker panel contains most of the fuses and circuit breakers used in the system. Refer to the panel illustration shown under Fuse Panel Location.

## Fuse Panel Location

The fuse panel is located to the left of the steering column, and is hung from the instrument panel. To expose the fuse panel, pull the release bar up with right hand and pull panel down with left hand and remove cover.



K8696-E

Item	Part Number	Description
1	4320	Instrument Panel
2	14526C	Windshield Wiper Circuit Breaker
3A	N803875-S2	Screw (2 Req'd)

(Continued)

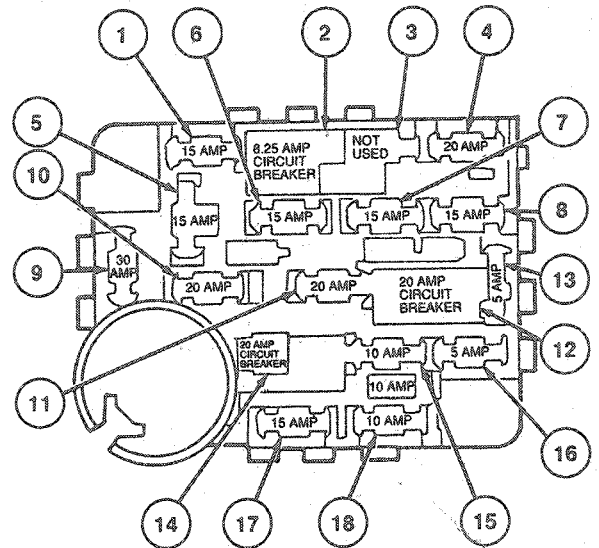
Item	Part Number	Description
4	14526B	Horn / Cigar Lighter Circuit Breaker
5	14A075	Cover Panel
6	—	Fuse Panel, Part of 14401
A	—	Wiring Harness Assy
		Tighten to 2.1-2.9 N·m (19-26 Lb-In)

## DESCRIPTION AND OPERATION (Continued)

The fuses are color-coded by amp rating.

Fuse Value Amps	Color Code
4	Pink
5	Tan
10	Red
15	Light Blue
20	Yellow
25	Natural
30	Light Green

TK6459A



K8692-F

Cavity Number	Fuse Rating	Circuit Protected
1	15 Amp	High-Mount Stoplamp, Stoplamps, Front and Rear Turn Signals, Instrument Panel Turn Indicator Lamps
2	8.25 Amp Circuit Breaker	Windshield Wiper Motor, Intermittent Wiper Module, Windshield Washer Motor
3		Not Used
4	20 Amp	Front Park, Side Marker and Tail Lamps, "Headlamps On" Warning Buzzer/Chime, Front Laser Lamp (Sable)
5	15 Amp	Electronic Cluster, Rear/Window Defroster Switch, Electronic Flasher, Backup Lamps, Heated Oxygen Sensor (HO2S), Illuminated/Keyless Entry Module, Brake Interlock Solenoid
6	15 Amp	Rear Window Wiper and Washer Motors (Wagons), Diagnostic Warning Lamp Module, Warning Chime, Headlamp Switch Illumination (Sable), Clock Illumination, Radio Illumination, EATC Control Illumination, Power Window Relay, Speed Control Amplifier
7	15 Amp	Air Bag Module
8	15 Amp	Clock, Radio Memory, Glove Compartment Lamp, Luggage Compartment Lamp, Instrument Panel Courtesy Lamps, Interior Lamps, Illuminated/Keyless Entry Module, Power Mirrors
9	30 Amp	Blower Motor
10	20 Amp	Flash-to-Pass, High Beam Headlamps and Indicator Lamp
11	20 Amp	Radio, Premium Sound Amplifier, Power Antenna Motor, Redundant Radio Switch
12	20 Amp Circuit Breaker	Cigar Lighters, Horn Relay, Horns
13	5 Amp	Cluster Illumination, Radio Display, Ash Receptacle Illumination, EATC Control Display, Rear Window Defroster Switch Illumination, Rear Wiper Switch Illumination, Headlamp Switch Illumination, Clock Display, PRNDL Illumination
14	—	Not Used
15	10 Amp	License Lamps, Side Marker and Tail Lamps
16	5 Amp	Electronic Cluster, EATC Control
17	15 Amp	EATC Compressor Clutch, Blend Door Actuator, A/C Compressor Clutch
18	10 Amp	Autolamp Module, Cluster Warning Lamps, Low Oil Level Relay, Buzzer/Chime

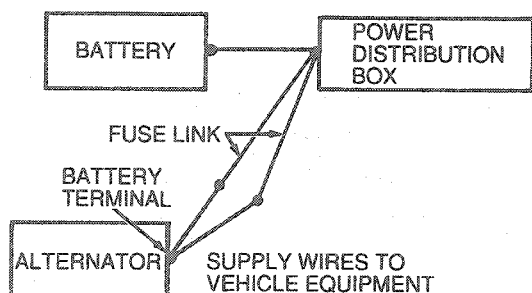
## DESCRIPTION AND OPERATION (Continued)

The locations and values of the fuses and circuit breakers not contained in the panels are shown in the following circuit protection chart.

FUSE LINK	GAUGE	LOCATION
Alternator Output	12	Near Power Distribution Box
Alternator Voltage Sensing Circuit	18	Near Power Distribution Box
Heated Windshield	18	Near Heated Windshield Relay

### Fuse Links

A fuse link is a short length of insulated wire integral with the engine compartment wiring harness. It is several wire gauges smaller than the circuit which it protects and generally located in-line directly from the positive terminal of the battery.



WITHOUT AMMETER

K16740-A

Production fuse links are color-coded:

- 12-gauge: GY
- 14-gauge: DG
- 16-gauge: BK
- 18-gauge: BR
- 20-gauge: DB

NOTE: Replacement fuse link color coding may vary from production fuse link color coding.

When heavy current flows, such as when a booster battery is connected incorrectly or when a short to ground occurs in the wiring harness, the fuse link burns out and protects the alternator or wiring.

A burned out fuse link may have bare wire ends protruding from the insulation, or it may have only expanded or bubbled insulation with illegible identification. When it is hard to determine if the fuse link is burned out, perform the continuity test.

## DIAGNOSIS AND TESTING

### Fuse Link Continuity Test

1. Make certain that battery is OK, then turn on headlamps or any accessory. If headlamps or an accessory do not operate, a fuse link is probably burned out.
2. When there are two fuse links, use same procedure as in Step 1 to test each link separately.

To test fuse link that protects alternator, make certain that battery is OK, then check with a voltmeter or 12 volt test lamp for voltage at the BAT terminal of the alternator. No voltage indicates that alternator fuse link is probably burned out.

## REMOVAL AND INSTALLATION

### Fuses and Circuit Breakers

To check or replace a fuse or circuit breaker:

1. Locate and remove the malfunctioning fuse or circuit breaker by pulling it out of its cavity.
2. Replace the blown fuse or circuit breaker with one of proper amp rating for the circuit by pushing straight in until the fuse or circuit breaker seats itself fully in the cavity.

### Fuse Panel

The fuse panel is a part of the instrument panel-to-dash panel (14401) wiring harness. The fuse panel cannot be replaced separately from harness.

To remove the wiring harness, of which the fuse panel is a part, refer to Removal and Installation as outlined.

### Fuse Link

#### Tools Required:

- Wire Fitting Crimping Tool T67S-17018-A

**CAUTION:** Do not fabricate a fuse link from ordinary wire because the insulation may not be flame proof.

## REMOVAL AND INSTALLATION (Continued)

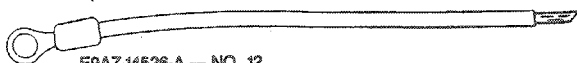
If it becomes necessary to replace a fuse link in a wiring assembly, make sure the replacement fuse link is a duplicate of one removed with respect to gauge, length and insulation. Original and Ford replacement fuse links have insulation that is flame proof.

**WARNING: ALWAYS DISCONNECT BATTERY GROUND CABLE PRIOR TO SERVICING ANY FUSE LINK.**

If a circuit protected by a fuse link becomes inoperative, inspect for a blown fuse link. If the fuse link wire insulation is burned or opened, disconnect the feed as close as possible behind the splice in the harness. If the damaged fuse link is between two splices (weld points in the harness), cut out the damaged portion as close as possible to the weld points.

**NOTE:** Some fuse links shown have an eyelet terminal for an 8mm (5/16 inch) stud on one end.

**WIRING ASSEMBLY — FUSE LINK  
(WITH EYELET TERMINAL AND ONE END STRIPPED)**



E9AZ-14526-A — NO. 12  
GAUGE WIRE (GRAY)

D3AZ-14A526-D — NO. 14 GAUGE WIRE — APPROX.  
230mm (9 INCHES) LENGTH (GREEN INSULATION) AS  
REQ'D

D3AZ-14A526-E — NO. 16 GAUGE WIRE — APPROX.  
230mm (9 INCHES) LENGTH (ORANGE INSULATION) AS  
REQ'D

D3AZ-14A526-F — NO. 18 GAUGE WIRE — APPROX.  
230mm (9 INCHES) LENGTH (RED INSULATION) AS  
REQ'D

D3AZ-14A526-G — NO. 20 GAUGE WIRE — APPROX.  
230mm (9 INCHES) LENGTH (BLUE INSULATION) AS  
REQ'D

K9502-B

When an eyelet terminal is not required, use one of fuse links with insulation stripped from both ends.

**WIRING ASSEMBLY — FUSE LINK  
(WITH INSULATION STRIPPED BOTH ENDS)**



D3AZ-14A526-H — NO. 14 GAUGE WIRE — APPROX.  
230mm (9 INCHES) LENGTH (GREEN INSULATION)

D3AZ-14A526-J — NO. 16 GAUGE WIRE — APPROX.  
230mm (9 INCHES) LENGTH (ORANGE INSULATION) AS  
REQ'D

D3AZ-14A526-K — NO. 17 GAUGE WIRE — APPROX.  
230mm (9 INCHES) LENGTH (YELLOW INSULATION) AS  
REQ'D (SPECIAL USED WITH AIR CONDITIONING  
SYSTEM)

D3AZ-14A526-L — NO. 18 GAUGE WIRE — APPROX.  
230mm (9 INCHES) LENGTH (RED INSULATION) AS  
REQ'D

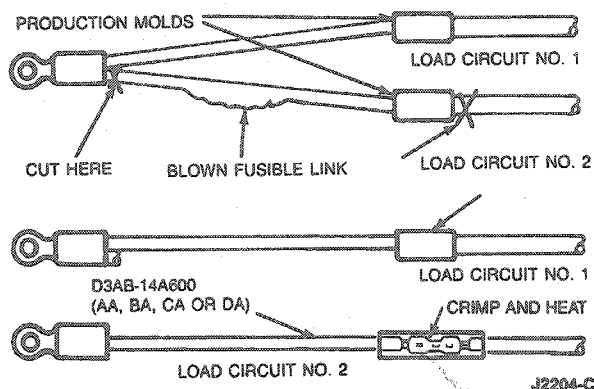
D3AZ-14A526-M — NO. 20 GAUGE WIRE — APPROX.  
230mm (9 INCHES) LENGTH (BLUE INSULATION) AS  
REQ'D

K8503-A

1. To service a two-link group when only one link has blown and other link is not damaged proceed as follows:

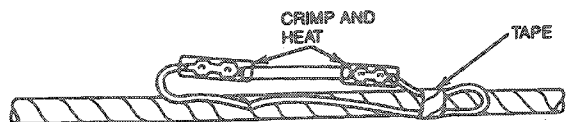
- a. Cut out blown fusible link (two places).

- b. Position correct eyelet type service fusible link with bare end to correct size wire connector and crimp to wire end. Use Wire Fitting Crimping Tool T67S-17018-A. Heat splice insulation until tubing shrinks and adhesive flows from each end of connector.



2. To service a fuse link in a multi-feed or single circuit, proceed as follows:

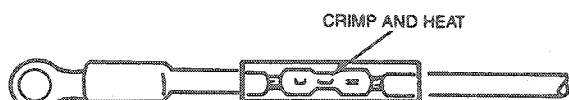
- a. Determine which circuit is damaged, its location and cause of open fuse link. If damaged fuse link is one of three fed by common 10- or 12-gauge feed wire, determine specific affected circuit.
- b. Cut damaged fuse link from wiring harness and discard it. If fuse link is one of three circuits fed by single feed wire, cut it out of harness at each splice end and discard.
- c. Identify and procure proper fuse link and butt connectors for attaching fuse link to harness.
- d. Strip wires 7.6mm (5/16 inch) and insert into proper size wire connector. Crimp and heat splice insulation until tubing shrinks and adhesive flows from each end of connector.
- e. To replace any fuse link on a single circuit in a harness, cut out damaged portion. Strip approximately 12.7mm (1/2 inch) of insulation from two wire ends and attach correct size fuse link to each wire end with proper gauge wire connectors. Crimp and heat splice insulation until tubing shrinks and adhesive flows from each end of connector.



K14580-A

## REMOVAL AND INSTALLATION (Continued)

3. To service any fuse link which has an eyelet terminal on one end such as the charging circuit, proceed as follows:
  - a. Cut off open fuse link behind weld. Strip approximately 12.7mm (1/2 inch) of insulation from cut end and attach appropriate new eyelet fuse link to cut stripped wire with an appropriate size connector.
  - b. Crimp and heat splice insulation until tubing shrinks and adhesive flows from each end of connector.



TYPICAL REPAIR USING THE EYELET TERMINAL FUSE LINK OF THE SPECIFIED GAUGE FOR ATTACHMENT TO A CIRCUIT WIRE END  
J2323-C

**DO NOT MISTAKE A RESISTOR WIRE FOR A FUSE LINK.** The resistor wire is generally longer and has print stating: "Resistor—do not cut or splice."

When attaching a No. 16-, 18- or 20-gauge fuse link to a heavy gauge wire, always double the stripped wire end of the fuse link before inserting and crimping it into the wire connector for positive wire retention.

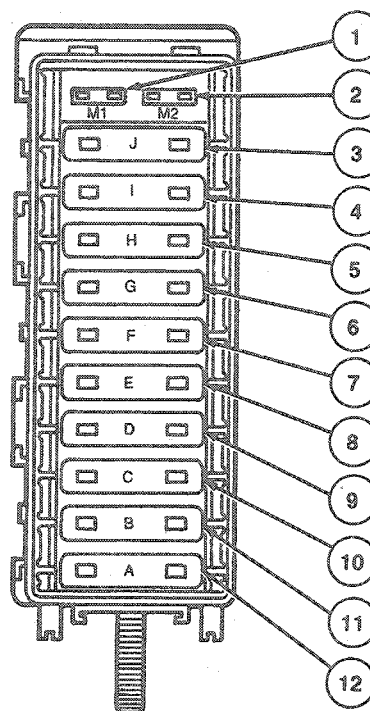
**NOTE:** If the damaged fuse link is between two splices (weld points in a harness), cut out damaged portion as close to splices as possible.

The following illustrations show typical electrical connectors and their disengagements.

### Power Distribution Box

The power distribution box is located in the engine compartment on the LH fender apron.

**WARNING: ALWAYS DISCONNECT THE BATTERY BEFORE SERVICING THE HIGH CURRENT FUSES IN THE POWER DISTRIBUTION BOX.**



K16736-A

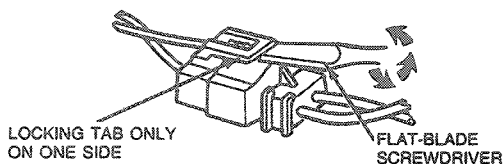
### Power Distribution Box

ITEM	RATING	COLOR	CIRCUIT
1	10A	R	Ignition Coil
2	10A	R	Accessory Feed
3	40A	GR	Power Lock / Window
4	40A	GR	Anti-Lock
5	40A	GR	Rear Defroster
6	30A	PK	Anti-Lock Module
7	60A	Y	Headlamps
8	40A	GR	Fuse Panel
9	60A	Y	Engine Cooling Fan
10	30A	PK	Electronic Engine Control
11	60A	Y	Ignition Switch / Blower Motor
12	60A	Y	Ignition Switch / Blower Motor

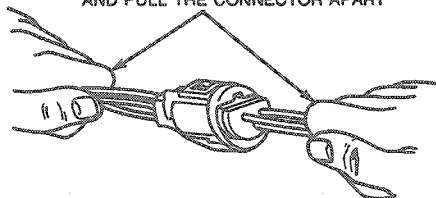
## REMOVAL AND INSTALLATION (Continued)

## In-Line Connectors

INSERT A FLAT-BLADE SCREWDRIVER IN THE LOCKING TAB AND TWIST, GRASP THE WIRES AND PULL TO SEPARATE.

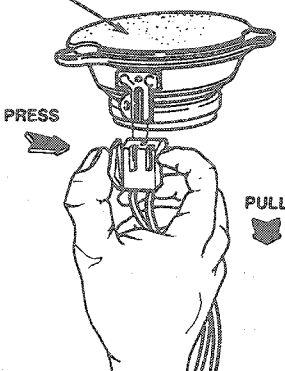


GRASP THE WIRES WITH BOTH HANDS AND PULL THE CONNECTOR APART

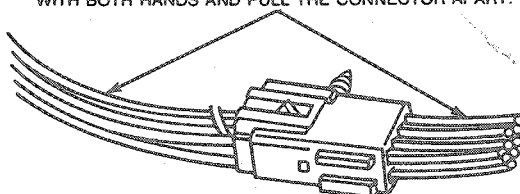


PREMIUM SOUND SPEAKER

PRESS

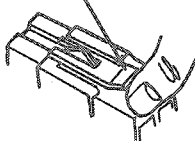
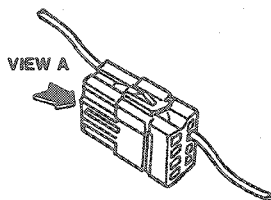


SPREAD THE LOCKING TABS, GRASP THE WIRES WITH BOTH HANDS AND PULL THE CONNECTOR APART.



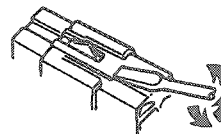
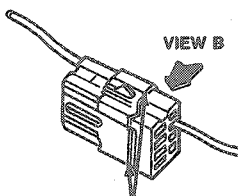
PLACE A THUMB UNDER THE LOCKING TAB AND PUSH UP. GRASP THE WIRES AND PULL TO SEPARATE.

LOCKING TAB ONLY ON ONE SIDE



VIEW A

VIEW B

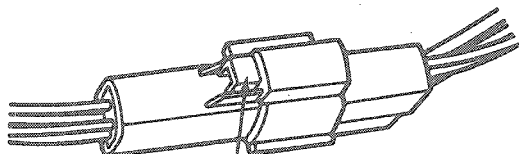


VIEW B

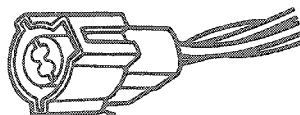
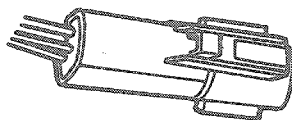
INSERT A FLAT-BLADE SCREWDRIVER IN THE LOCKING TAB AND TWIST. GRASP THE WIRES AND PULL UNTIL THE LOCKING TAB IS ON THE RAMP. TURN THE CONNECTOR OVER AND REPEAT THE PROCEDURE ON THE OPPOSITE SIDE OF THE CONNECTOR. THEN GRASP THE WIRES AND PULL APART

K7030-D

## In-Line Connector, Submersible



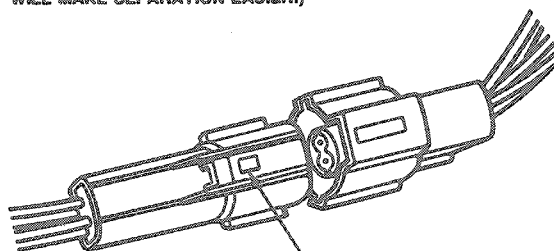
DEPRESS LOCKING TAB



TERMINAL RETAINER

## IN LINE CONNECTOR DISENGAGEMENT PROCEDURE

1. GRASP EACH END OF CONNECTOR BODY.
2. WHILE HOLDING CONNECTOR BODY, USE THUMB PRESSURE TO DEPRESS LOCKING TAB AND PULL CONNECTOR APART (NOTE: "WIGGLING" THE PARTS WILL MAKE SEPARATION EASIER.)

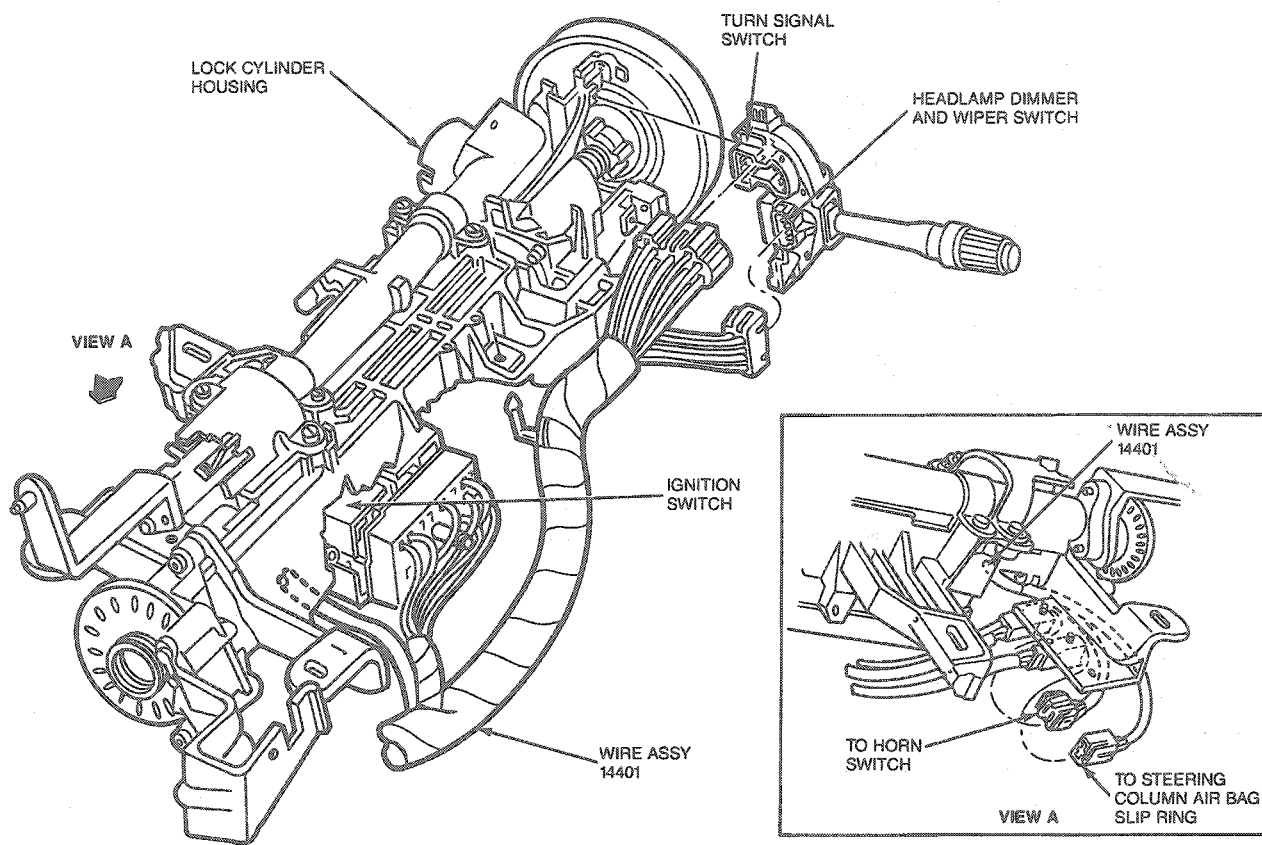


LOCKING TAB

K8724-A

## REMOVAL AND INSTALLATION (Continued)

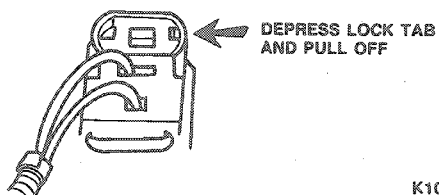
## Component Connectors



K13998-A

## Alternator Connectors

## 3.0L and 3.8L Engines, 130 Amp Alternator

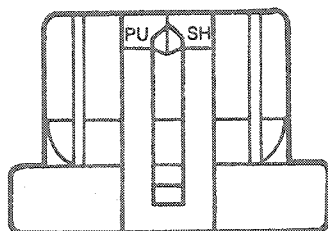
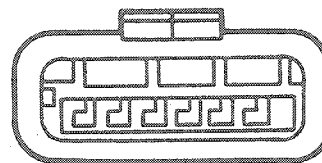
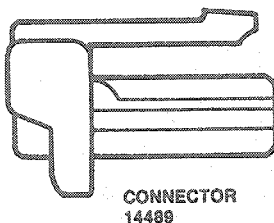
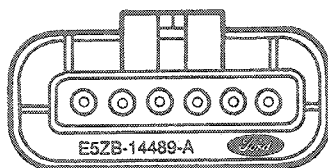


K10733-A



## REMOVAL AND INSTALLATION (Continued)

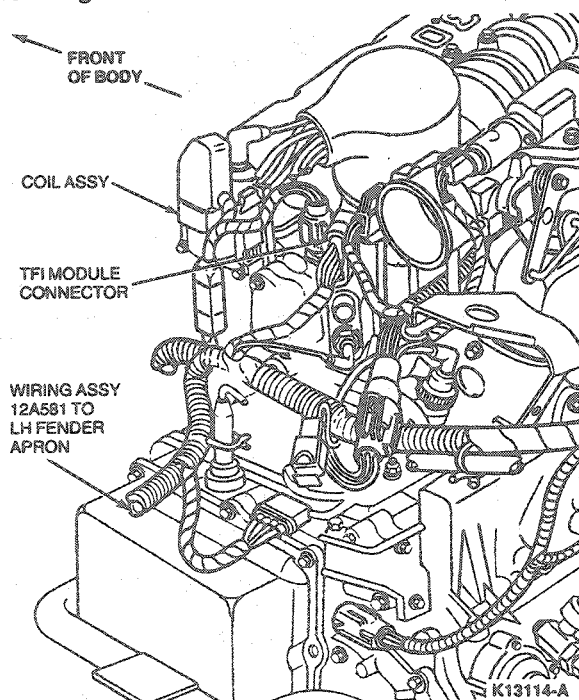
## Distributor Ignition (DI) Module 12A297 Connector



## DI CONNECTOR DISENGAGEMENT PROCEDURE

1. GRASP CONNECTOR PLACING THUMB ON TAB MARKED "PUSH".
2. WHILE HOLDING CONNECTOR BODY, USE THUMB PRESSURE TO DEPRESS LOCKING TAB AND PULL CONNECTOR FROM MODULE. (NOTE: "WIGGLING" THE CONNECTOR WILL MAKE SEPARATION EASIER).

K13109-B

3.0L Engine Module Connector Shown  
3.8L Engine Similar

The illustrations show the complete wiring harness installation for Taurus / Sable vehicles. Refer to the illustrations for the harness being replaced while performing the following Removal and Installation procedures.

## Removal

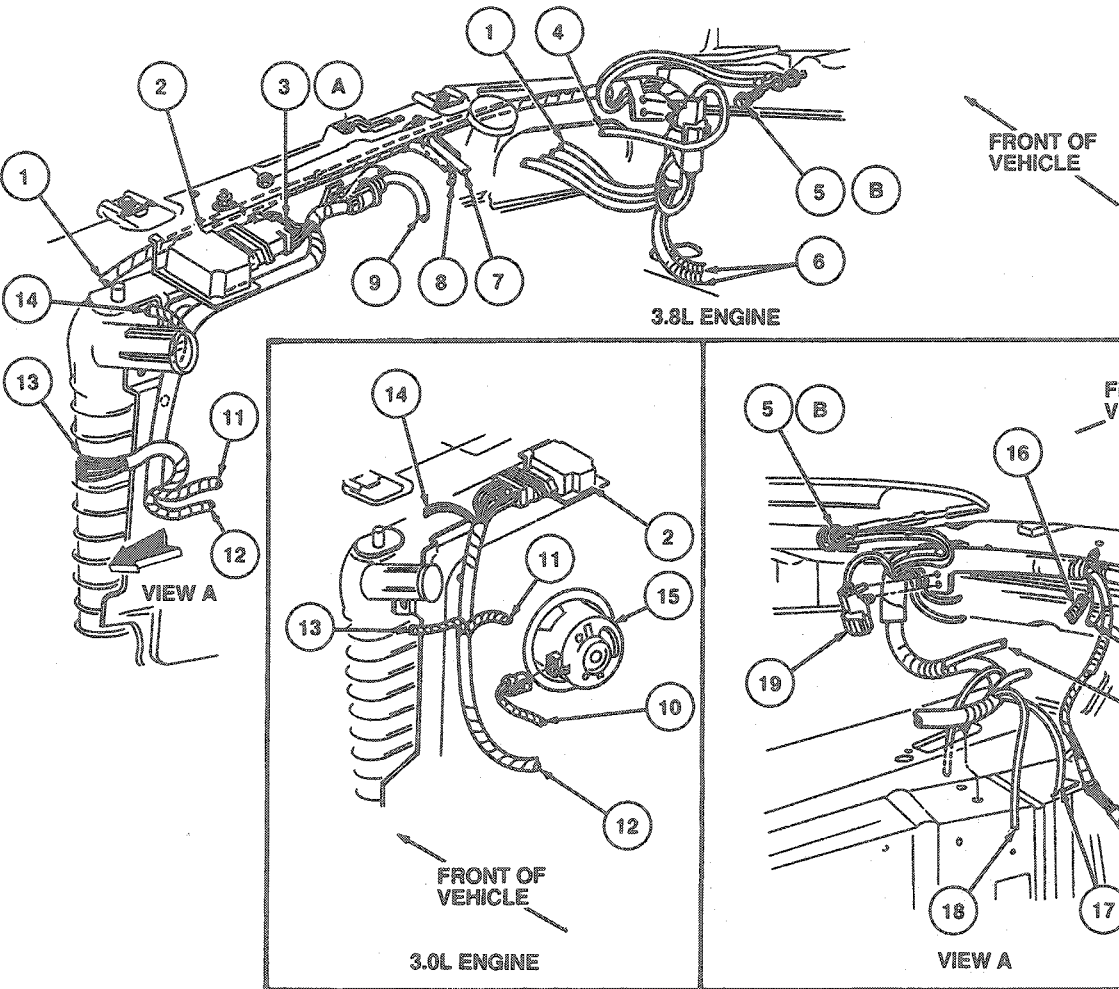
1. Disconnect battery ground cable.  
NOTE: Refer to Section 01-05 if it is necessary to remove any trim panels to gain access to the harness.
2. Disconnect all wiring harness connectors.
3. Disengage harness from all locators, straps and / or clips as necessary, including ground wire eyelets. Remove harness from vehicle.

## Installation

1. Position harness in vehicle. Ensure that harness is engaged in all locators, straps and / or clips.
2. Connect all harness connectors to components or other harnesses as necessary.
3. Secure ground eyelets to body as necessary.
4. Connect battery ground cable. Check all applicable circuits for proper operation.
5. Install any trim removed during harness removal. Refer to Section 01-05.

REMOVAL AND INSTALLATION (Continued)

Radiator Support Wiring  
Taurus/Sable (Except SHO)



K17198-A

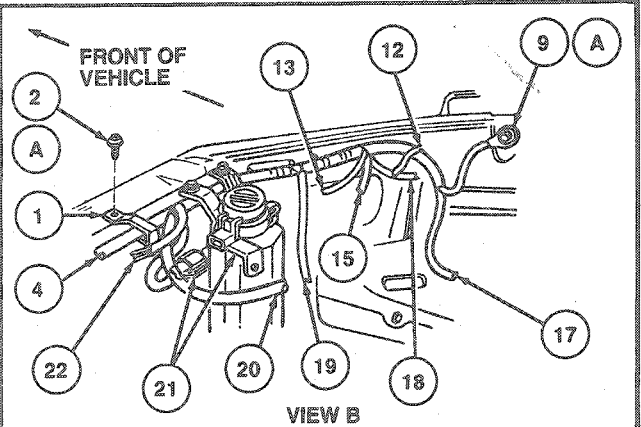
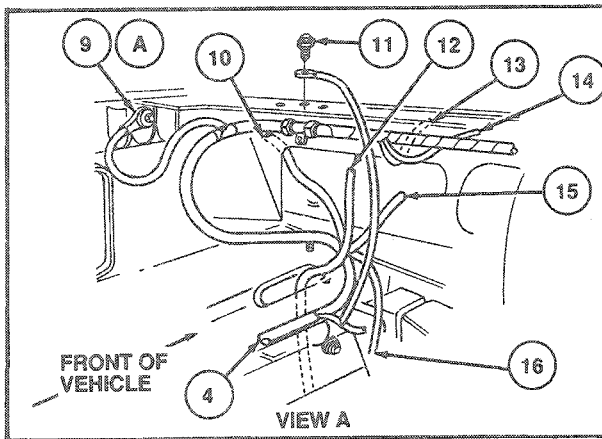
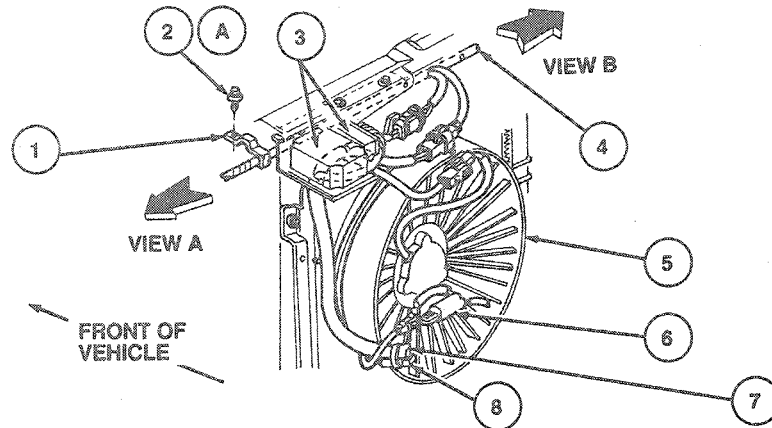
Item	Part Number	Description
1	14290	Wiring Harness Assy
2	12B581	Integrated Relay Controller Assy
3A	12B581	Connector Retaining Bolt
4	15A434	Cornering Lamp Wiring Harness Assy
5B	N801846-S36MG	Ground Screw
6	—	To Windshield Washer Reservoir
7	—	Fluid Sensor and Pump
8	—	To Alternator Wiring Assy
9	—	To Front Center Air Bag Sensor Assy
10	—	To Engine Cooling Fan
11	—	To Canister Purge Solenoid

Item	Part Number	Description
12	—	To 12A581 Wiring Harness Assy
13	—	To 14290 Wiring Harness Assy
14	—	To 14B060 Wiring Harness Assy
15	—	Engine Cooling Fan
16	—	To Laser Lamp (Sable)
17	—	To Ambient Temperature Sensor
18	—	To Horns
19	—	To 15A434 Wiring Harness Assy
20	—	To Anti-Lock Brake Pump
A	—	Tighten to 1.4-2 N·m (12-18 Lb·In)
B	—	Tighten to 3.4-4.8 N·m (30-42 Lb·In)

(Continued)

## REMOVAL AND INSTALLATION (Continued)

## Radiator Support Wiring, 3.0L SHO



K13987-B

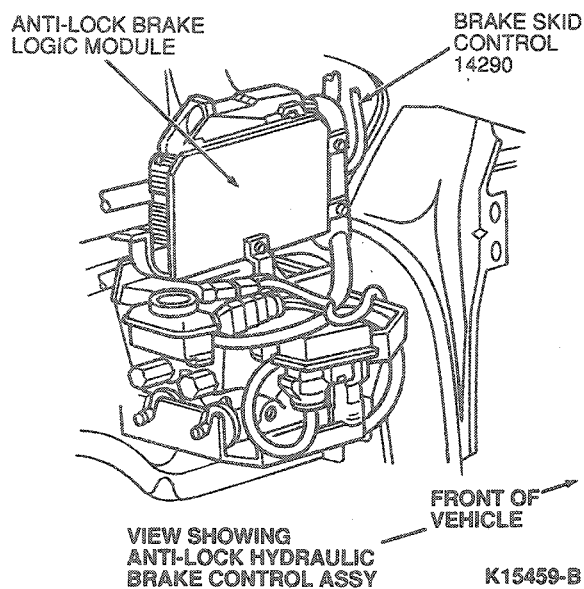
Item	Part Number	Description
1	14536	Bracket
2A	56910-S2	Screw (2 Req'd)
3	12B581	Integrated Relay Controller Assy
4	14290	Wiring Harness Assy
5	—	Cooling Fan and Shroud Assy
6	—	Canister Purge Solenoid
7	12A581	Wiring Harness Assy
8	—	To Shorting Plug
9A	N801846-S36MG	Ground Screw
10	—	To LH Side Marker and Cornering Lamps
11	N803991-S36	Screw
12	—	To Park and Turn Signal Lamp

(Continued)

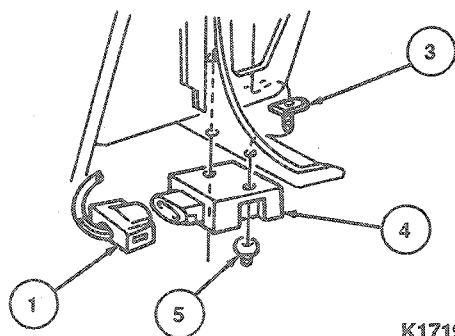
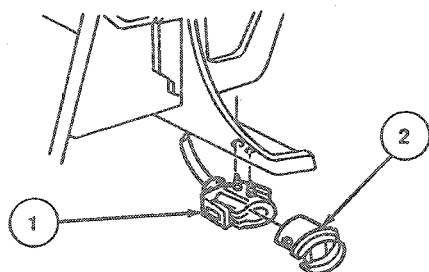
Item	Part Number	Description
13	—	To Fog Lamp
14	—	To Ambient Temperature Sensor
15	—	To AERO Headlamp
16	—	To Horns
17	—	To RH Brake Sensor Assy
18	—	To Windshield Washer Pump Reservoir Fluid Level Sensor, RH Side Marker and Cornering Lamps
19	—	To A/C Pressure Switch
20	—	To Alternator
21	—	Low Coolant Level Sensor
22	—	To Central Air Bag Sensor Assy
A	—	Tighten to 3.4-4.8 N·m (30-42 Lb·In)

## REMOVAL AND INSTALLATION (Continued)

## Anti-Lock Hydraulic Brake Control



## Running Lamp Control Module

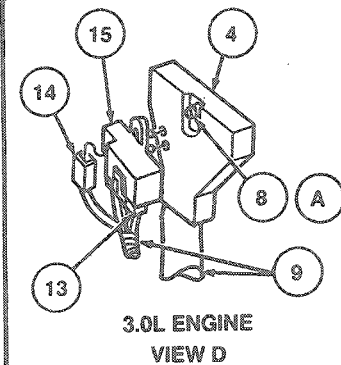
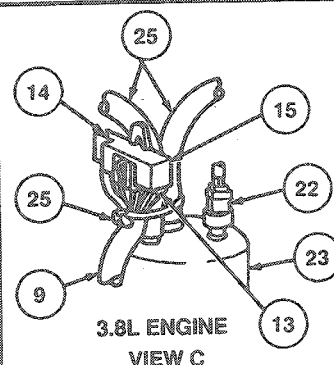
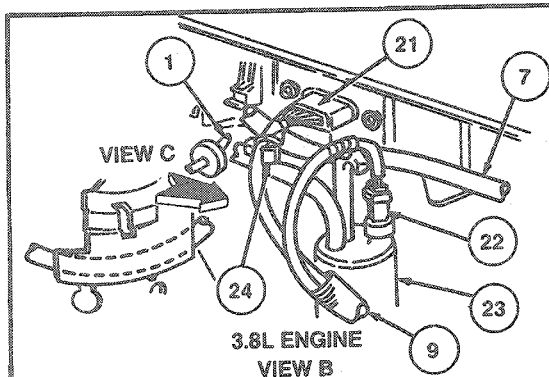
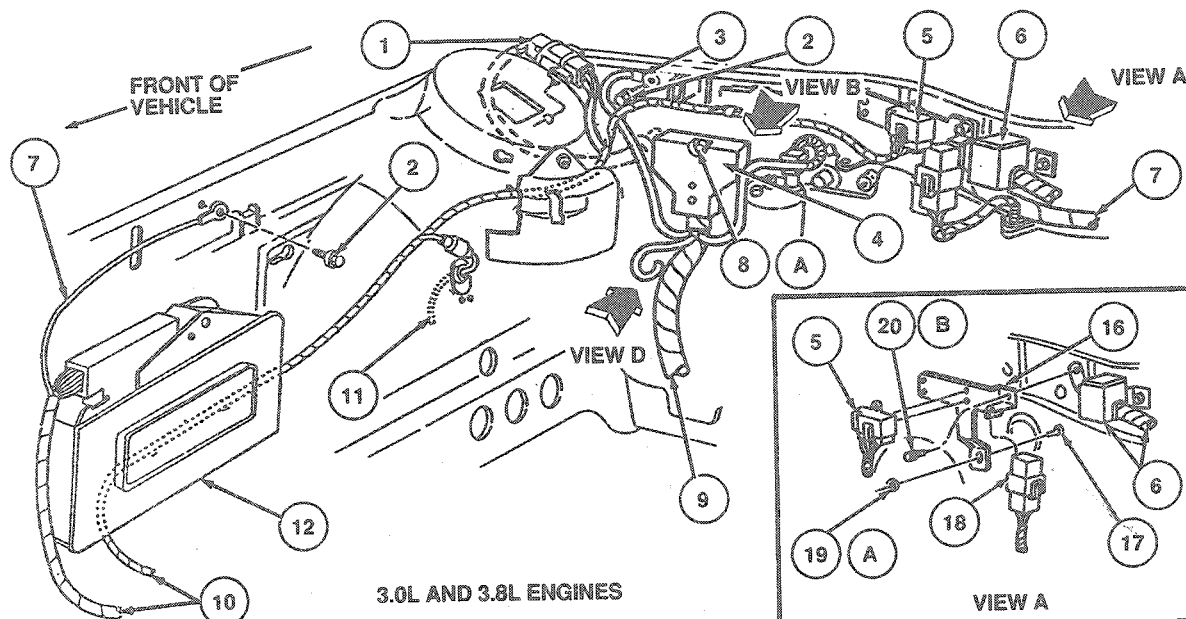


K17199-A

Item	Part Number	Description
1	14290	Wiring Harness Assy
2	14A624	Shorting Bar
3	N800320-S32	Screw and Retainer Assy
4	15A270	Light System Control and Bracket Assy
5	620391-S36	Nut and Washer Assy

## REMOVAL AND INSTALLATION (Continued)

## Fender Apron, RH 3.0L and 3.8L Engine



K17200-A

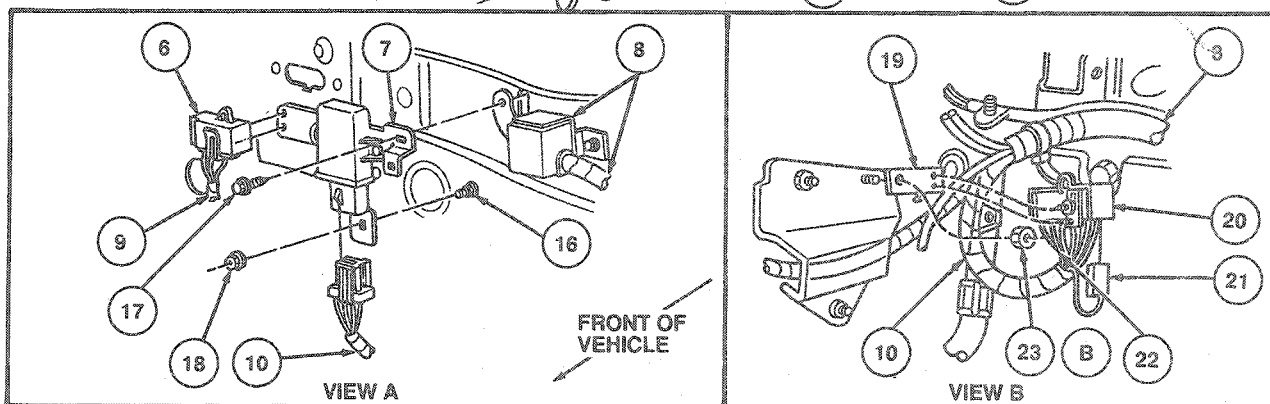
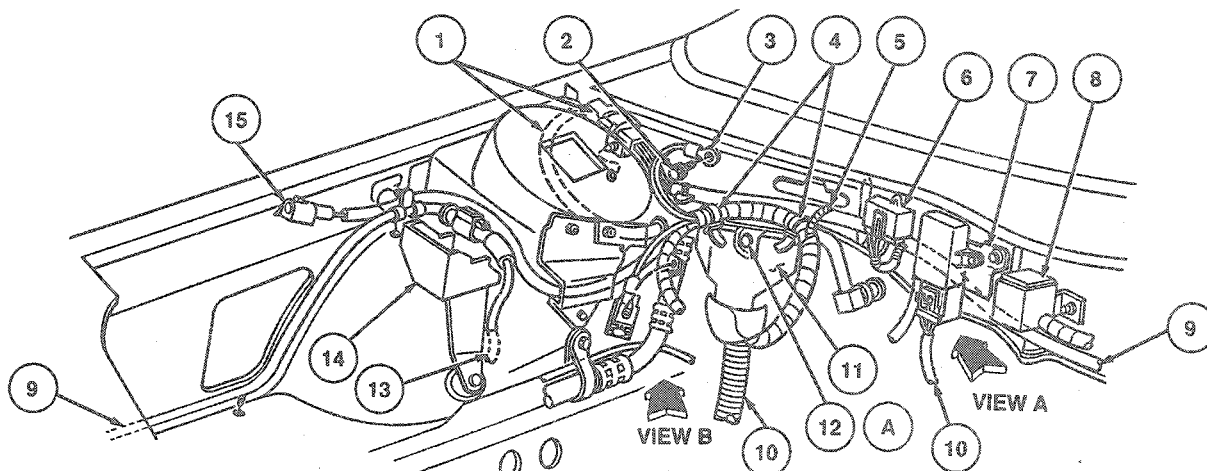
Item	Part Number	Description
1	2C055	Wiring Harness Assy
2	N805375-S36MG	Ground Screw (2 Req'd)
3	—	Wiring Harness Ground
4	—	To Powertrain Control Module
5	—	ABS Test Connector
6	—	Crash Sensor Assy
7	—	Ground Connection Wire for 14290 Wiring Harness Assy
8A	12A581	Connector Retaining Bolt
9	12A581	Wiring Harness Assy
10	14290	Wiring Harness Assy
11	—	To RH Front Anti-Lock Brake Wheel Sensor
12	—	Anti-Lock Brake Control Module

(Continued)

Item	Part Number	Description
13	14489	Data Link Connector
14	—	STI Test Connector
15	14A593	Connector Cover Assy
16	14A301	Bracket
17	—	Existing Stud From Evaporator
18	14B193	Anti-Lock Brake Relay
19A	N621905-S56B	Nut
20B	N806941-S40B	Screw
21	—	To TPI Module
22	—	A/C Pressure Switch
23	—	A/C Accumulator
24	12A581	Shorting Plug
25	95873-S	Strap
A	—	Tighten to 5.2-7.2 N·m (46-64 Lb·In)
B	—	Tighten to 7.6-10.4 N·m (6-8 Lb·Ft)

## REMOVAL AND INSTALLATION (Continued)

## Fender Apron, RH 3.0L SHO



K17201-A

Item	Part Number	Description
1	2C055	Wiring Harness Assy to Rear Anti-Lock Brake Sensors
2	N801846-S36MG	Ground Screw
3	12A581	Wiring Harness Ground Strap (2 Req'd)
4	95873-S	To A/C Pressure Switch
5	—	To Anti-Lock Brake Tester
6	—	Bracket and BAP Sensor
7	12B583	Air Bag Sensor
8	—	Wiring Harness Assy
9	14290	Wiring Harness Assy
10	12A581	Connector to Powertrain Control Module
11	—	Connector Retaining Bolt
12A	12A581	Connector Retaining Bolt

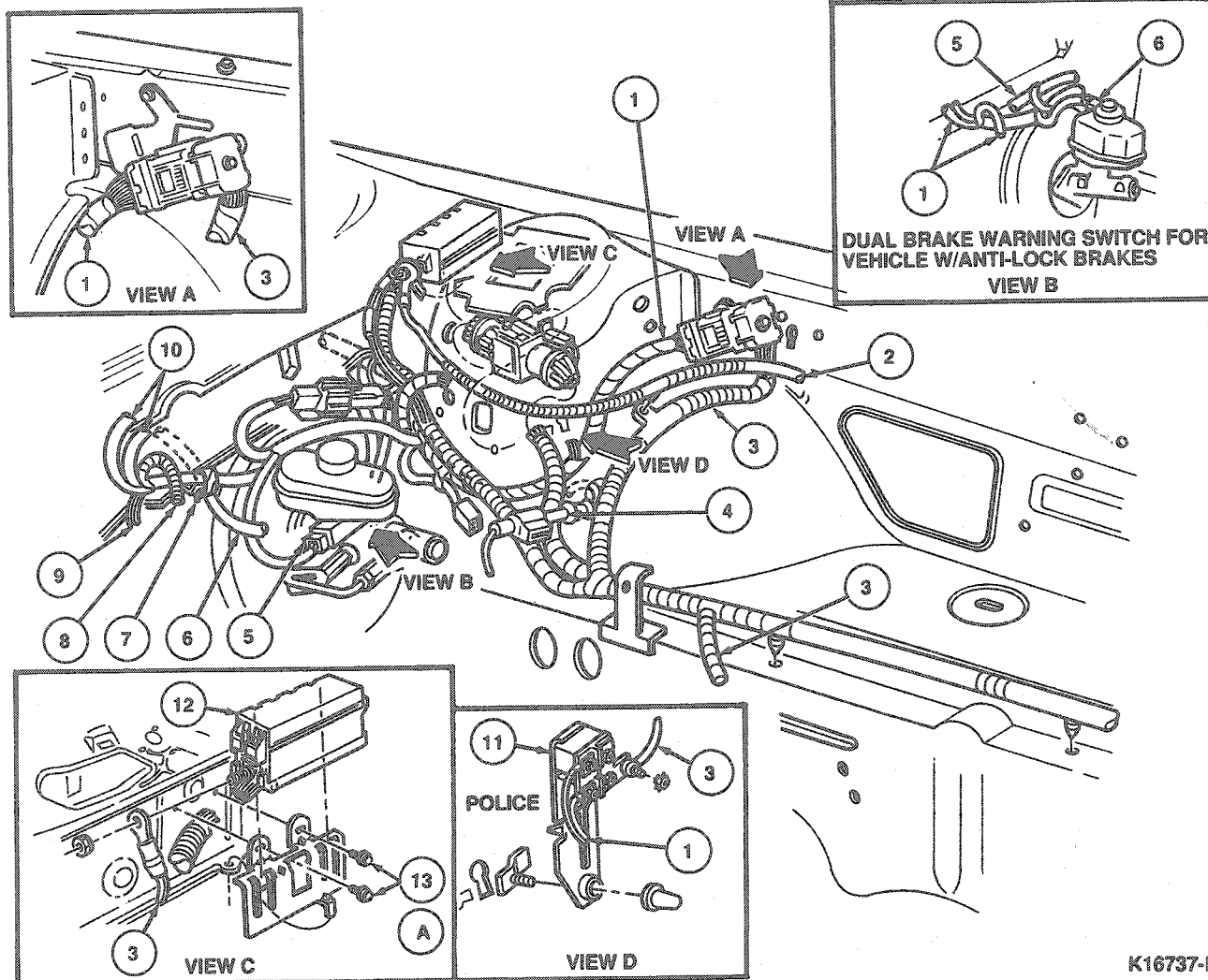
(Continued)

Item	Part Number	Description
13	—	To RH Anti-Lock Brake Sensor
14	—	Power Steering Pump Reservoir
15	14B080	To Starter Cable Assy
16	—	Existing Stud
17	N806941-S36MG	Screw
18	N621905-S56B	Nut
19	14A163	Retainer
20	14A593	Cover Assy
21	—	STI Test Connector
22	14489	Data Link Connector
23B	—	Existing Nut
A	—	Tighten to 5.2-7.2 N·m (46-64 Lb·In)
B	—	Tighten to 29.7-40.3 N·m (22-30 Lb·Ft)

## REMOVAL AND INSTALLATION (Continued)

## Fender Apron, LH

3.0L and 3.8L Engine



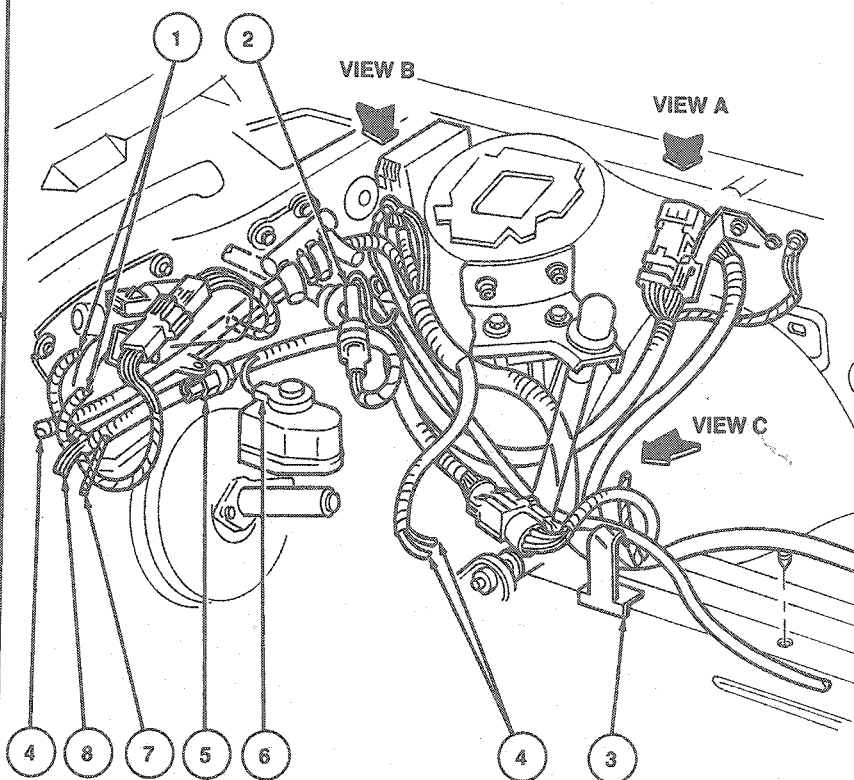
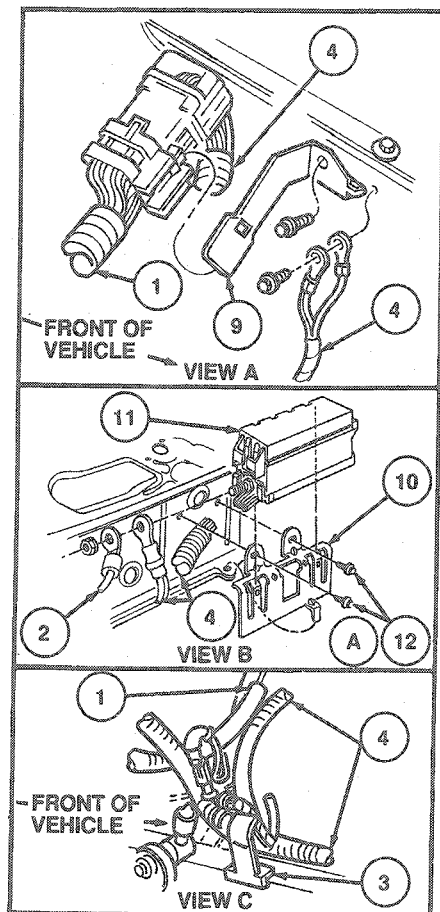
Item	Part Number	Description
1	14401	Wiring Assy
2	14B060	Battery Cable
3	14290	Wiring Assy
4	—	To Brake Sensor
5	2B264	Brake Fluid Level Switch
6	3F720 or 18D273	Wiring Assy Heated Windshield and/or Variable Assist Power Steering (VAPS)
7	—	To Engine Compartment Lamp

(Continued)

Item	Part Number	Description
8	—	To Cold Lock Out for Vehicles with (EATC)
9	—	To Rear Air Bag Sensor
10	—	To Windshield Wiper Motor
11	14A065	Circuit Breaker and Bracket Assy (3.8L Police Only)
12	—	Power Distribution Box— Part of 14290 Wiring Harness Assy
13A	N610957-S36	(2 Req'd)
A		Tighten to 3.6-4.1 N·m (32-36 Lb·In)

## REMOVAL AND INSTALLATION (Continued)

## 3.0L SHO



K16710-A

Item	Part Number	Description
1	14401	Wiring Assy
2	14431	Wiring Assy
3	—	Existing Clip for Brake Lines
4	14290	Wiring Assy
5	—	To Engine Compartment Lamp
6	2B264	Brake Fluid Level Switch
7	—	To Cold Lock Out for Vehicles with (EATC)

(Continued)

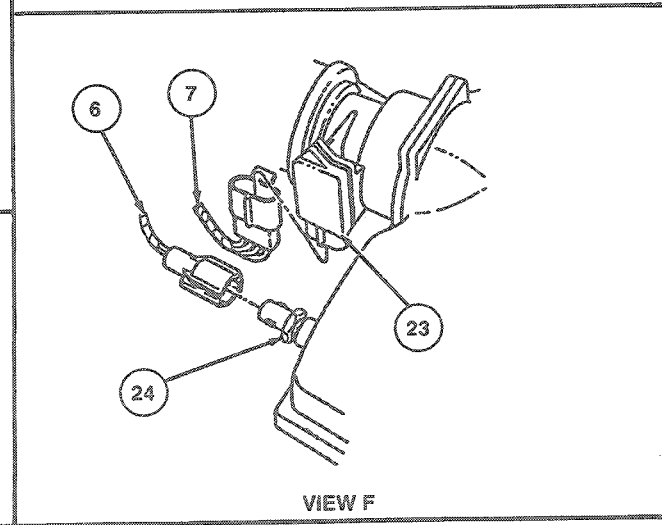
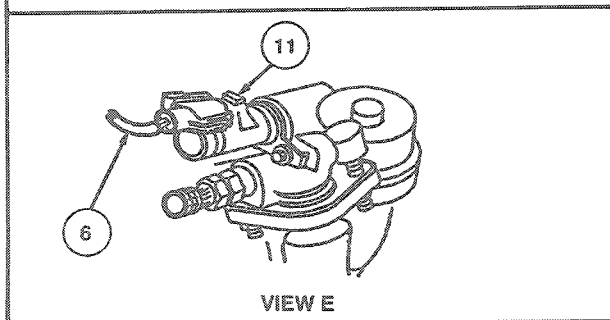
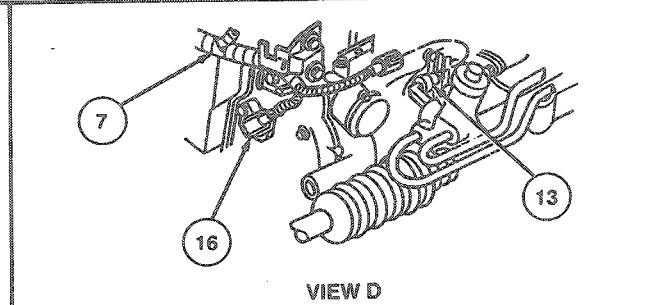
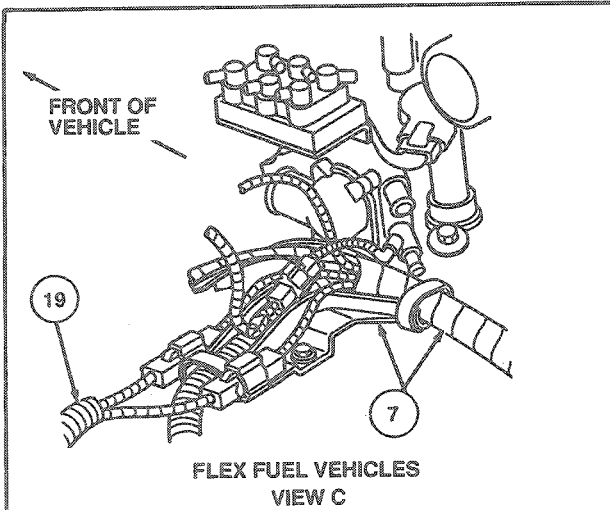
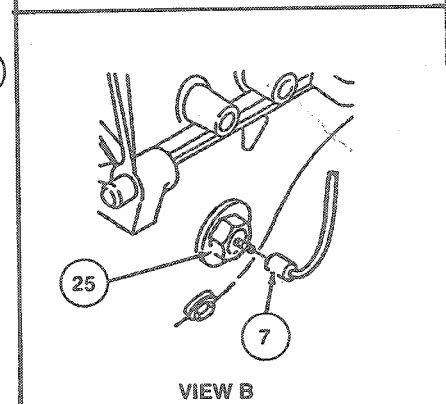
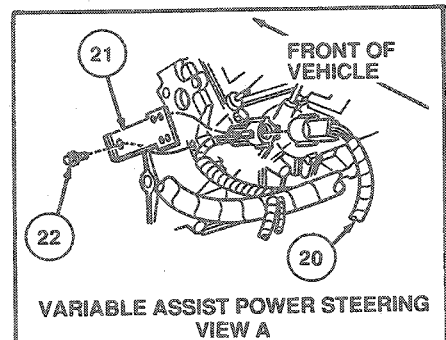
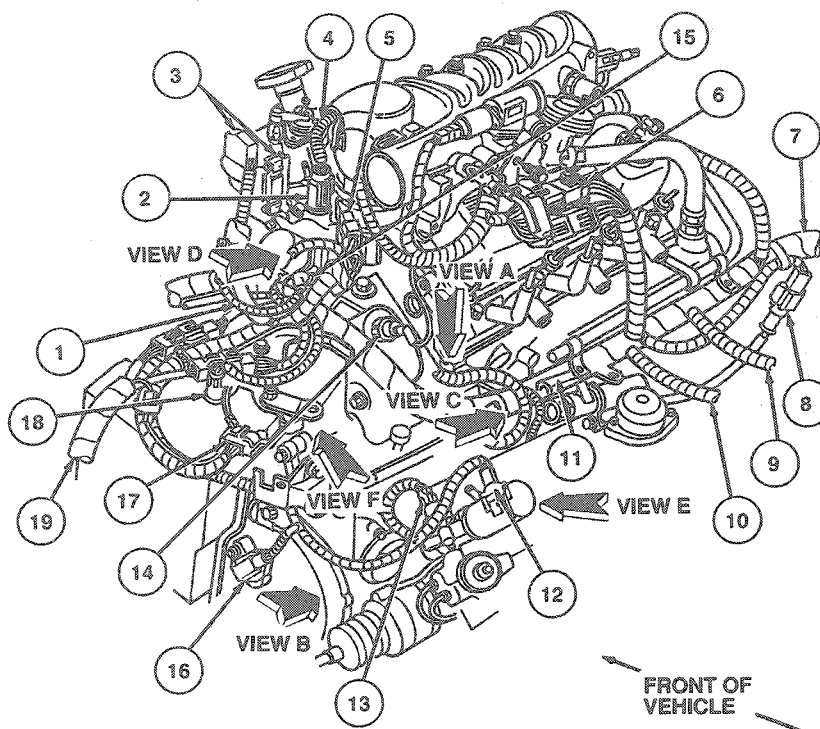
Item	Part Number	Description
8	—	To Rear Air Bag Sensor
9	14A206	Bracket
10	14A254	Bracket Fuse Panel
11	—	Power Distribution Box — Part of 14290 Wiring Harness Assy
12A	N610957	Screw (2 Req'd)
A		Tighten to 3.6-4.1 N·m (32-36 Lb-In)



## REMOVAL AND INSTALLATION (Continued)

## Engine Wiring

## 3.0L Engine



K17202-A

## REMOVAL AND INSTALLATION (Continued)

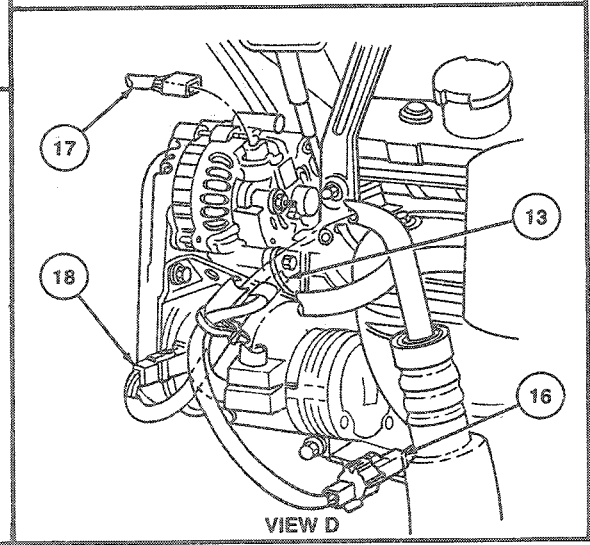
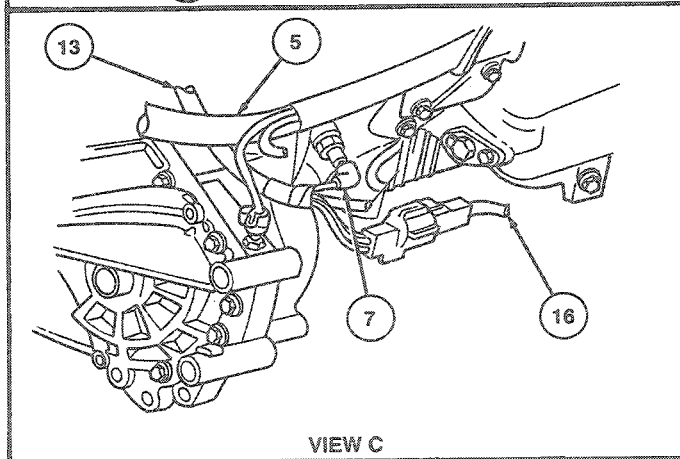
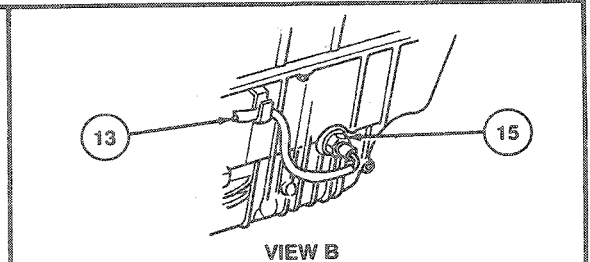
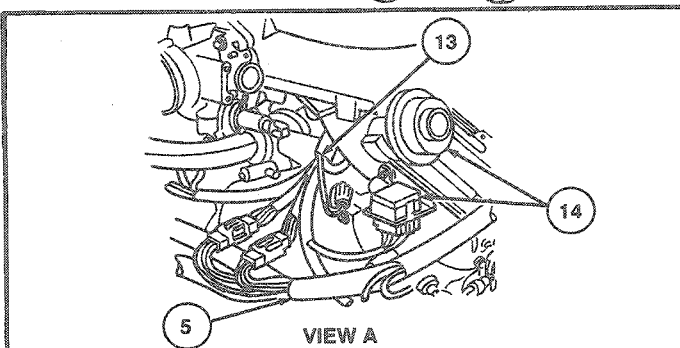
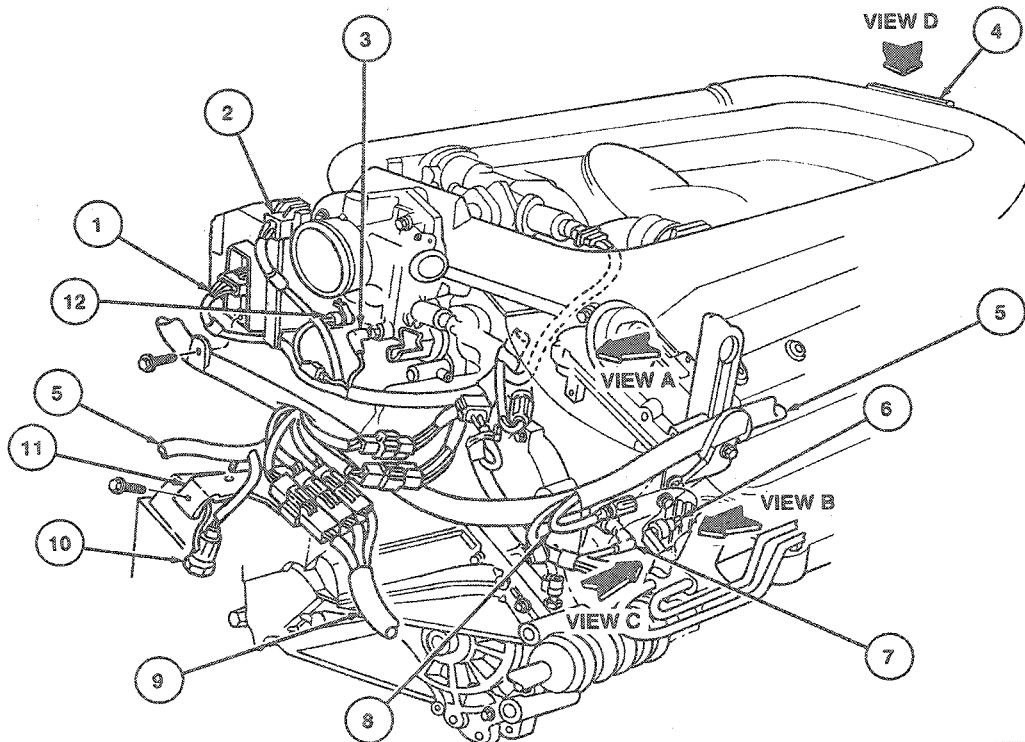
Item	Part Number	Description
1	10B886	Wiring Harness Assy
2	12A648	Engine Coolant Temperature Sensor
3	12029	Ignition Coil Assy
4	9D930	Fuel Charging Wiring
5	—	To Distributor Ignition
6	12A581	Wiring Harness Assy Flex Fuel With VPS
7	12A581	Wiring Harness Assy
8	—	To Rear Heated Oxygen Sensor
9	—	To Electronic Ignition Module
10	—	To Vapor Management Valve
11	9E731	Vehicle Speed Sensor
12	—	To Variable Assist Power Steering Motor

(Continued)

Item	Part Number	Description
13	—	To Power Steering Pressure Switch
14	—	To Oil Pressure Switch
15	—	To Engine Coolant Temperature Switch
16	—	To Turbine Speed Sensor
17	—	To Neutral Start Switch
18	—	To AXOD Sensor
19	14290	Wiring Harness Assy
20	3F720	Wiring Harness Assy (For Vehicles With VAPS)
21	14536	Bracket
22	N605798-S36	Bolt
23	—	Mass Air Flow Sensor
24	12697	Intake Air Temperature Sensor
25	—	Oil Level Sensor

## REMOVAL AND INSTALLATION (Continued)

## 3.0L SHO



K14142-D

## REMOVAL AND INSTALLATION (Continued)

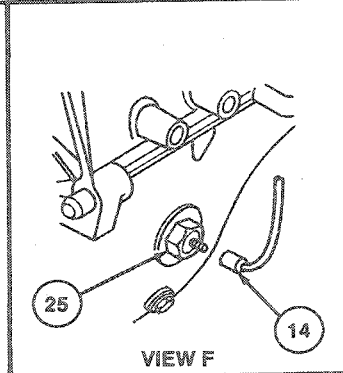
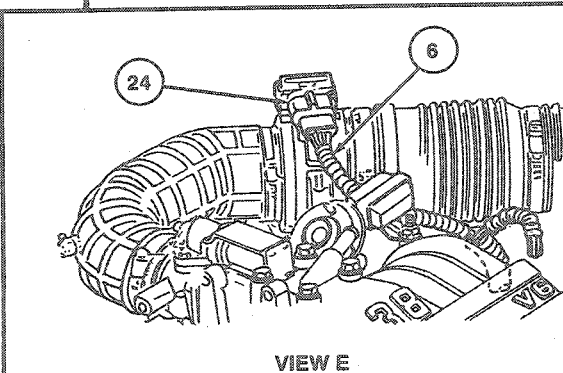
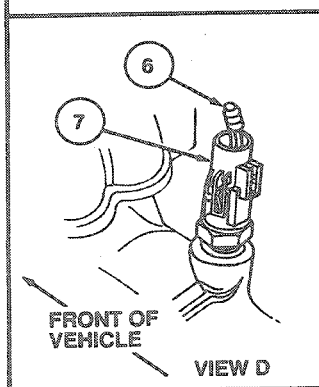
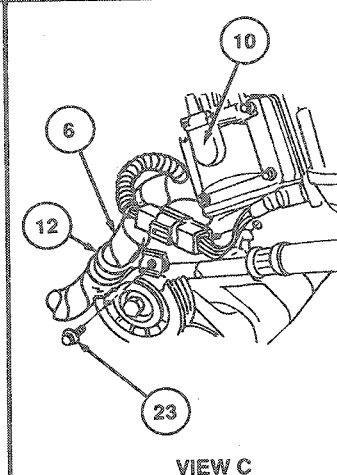
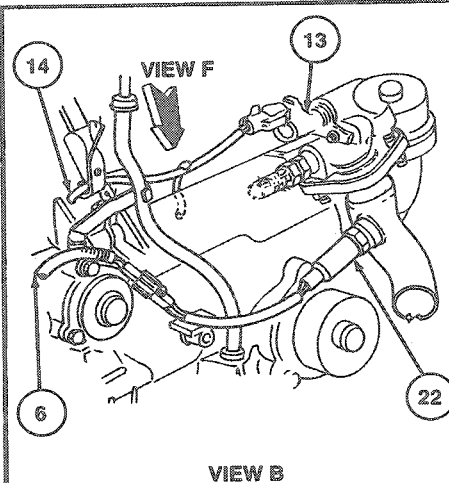
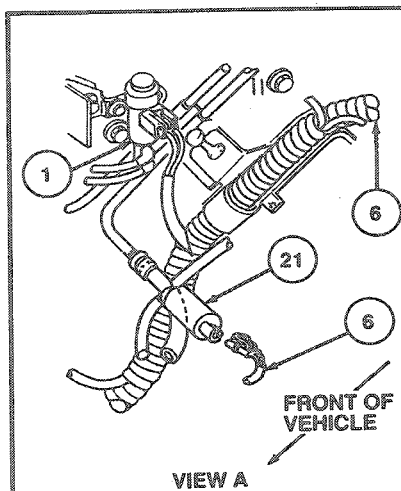
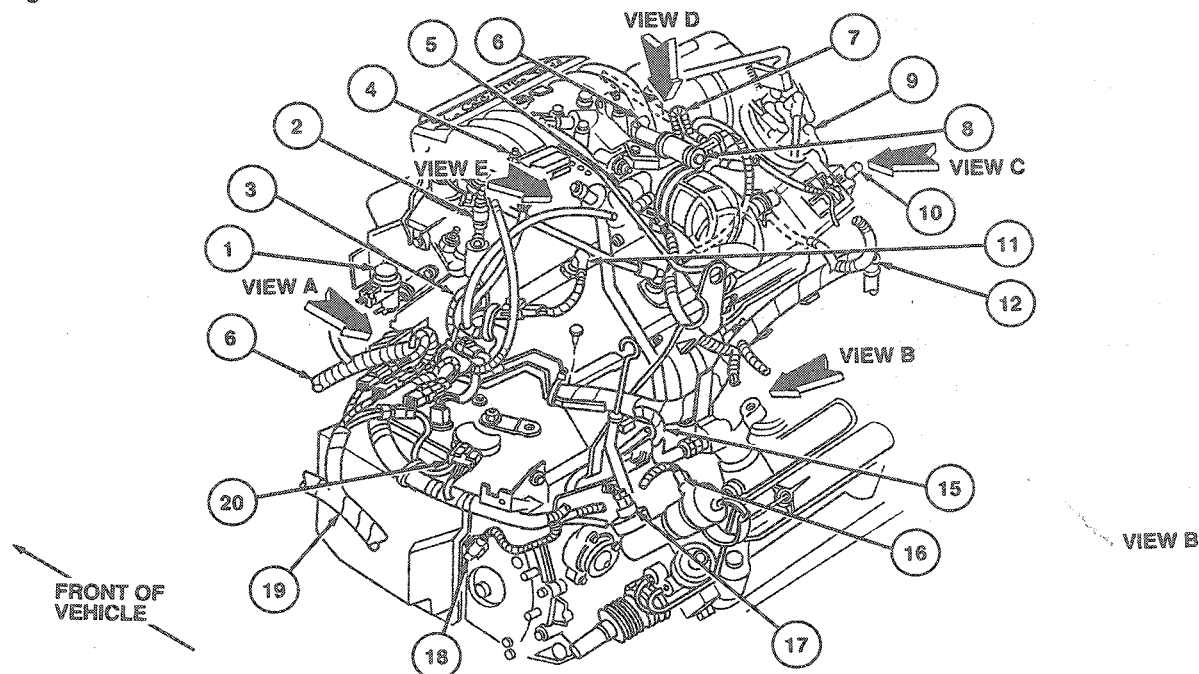
Item	Part Number	Description
1	12029	Ignition Coil
2	9B989	Throttle Position Sensor
3	12A648	Engine Coolant Temperature Sensor
4	9F715	Idle Air Control Valve
5	12A581	Wiring Harness Assy
6	—	To Power Steering Pressure Switch
7	9278	Oil Pressure Sender
8	—	To Vehicle Speed Sensor

(Continued)

Item	Part Number	Description
9	14401	Wiring Harness Assy
10	15520	Backup Lamp Switch
11	14A099	Shield
12	18832	Radio Noise Capacitor
13	9D930	Fuel Charging Wiring
14	9J460	Pressure Feedback EGR (PFE) Sensor
15	6C624	Low Oil Sensor
16	—	To Heated Oxygen Sensor
17	14290	Wiring Harness Assy
18	—	To A/C Compressor Clutch

## REMOVAL AND INSTALLATION (Continued)

## 3.8L Engine



K13991-C

## REMOVAL AND INSTALLATION (Continued)

Item	Part Number	Description
1	9J459	PFE Vacuum Regulator
2	12A648	Engine Coolant Sensor
3	9D930	Fuel Charging Wiring
4	9J460	Pressure Feedback EGR (PFE) Sensor
5	9B989	Throttle Position Sensor
6	12A581	Wiring Harness Assy
7	12697	Intake Air Temperature Sensor
8	9F715	Idle Air Control Valve
9	12127	Distributor Assy
10	12029	Coil and Bracket Assy
11	12A648	Coolant Temperature Sensor
12	—	Clamp, Part of 12A581 Wiring Harness Assy

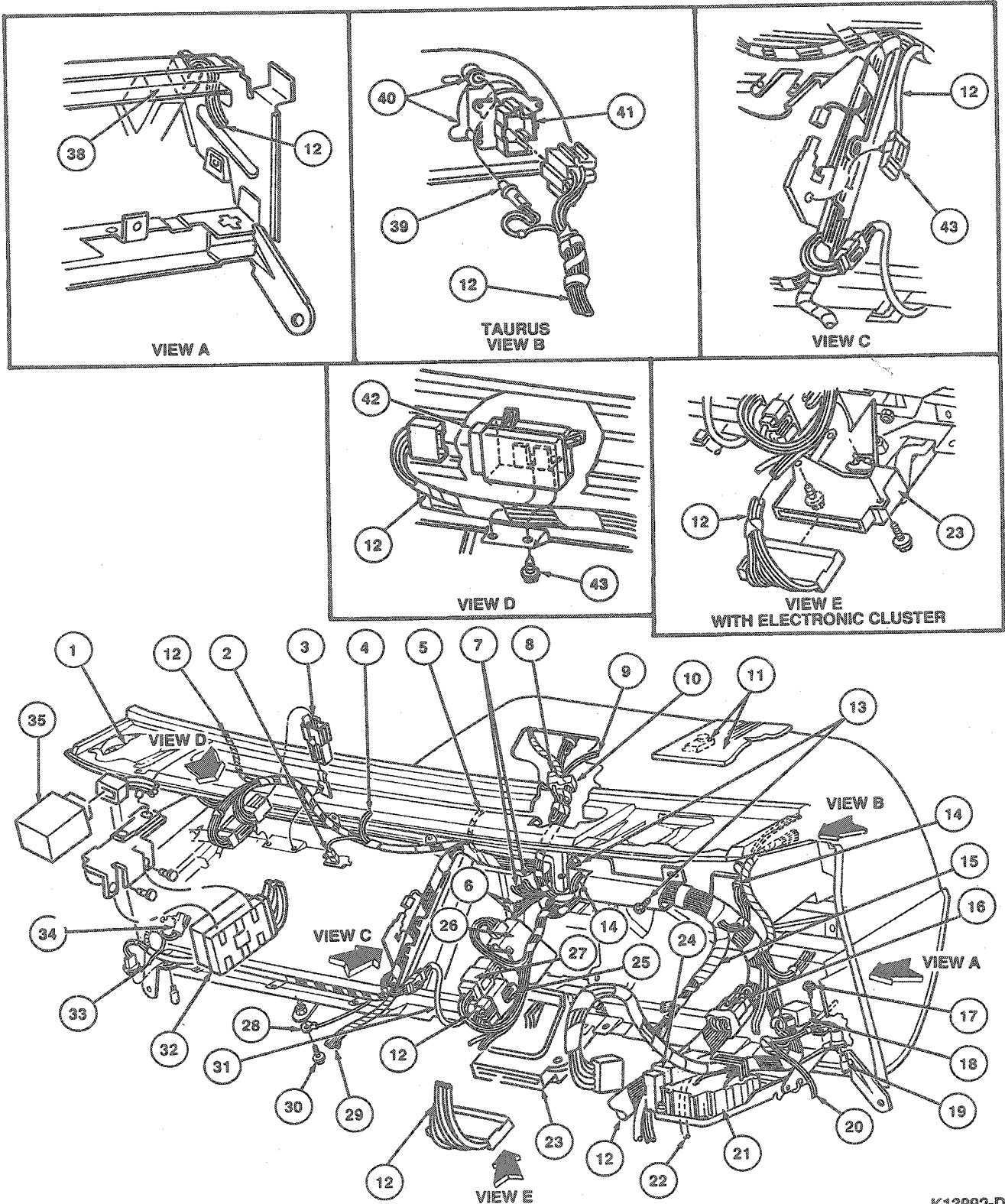
Item	Part Number	Description
13	9E731	Vehicle Speed Sensor
14	9D878	Speed Sensor Wiring
15	—	To Heated Oxygen Sensor
16	—	To Variable Assist Power Steering Motor
17	3N824	Power Steering Pressure Sensor
18	7M101	Turbine Speed Sensor
19	14401	Wiring Harness Assy
20	15520	Neutral Start Switch
21	9C915	Fuel Vapor Canister Purge Regulator Valve
22	9F472	Heated Oxygen Sensor
23	N611057-S2	Screw
24	12860	Mass Air Flow Sensor
25	6C624	Oil Level Sensor

(Continued)

## REMOVAL AND INSTALLATION (Continued)

## Instrument Panel, Main

## Taurus/Sable



K13992-D

## REMOVAL AND INSTALLATION (Continued)

Item	Part Number	Description
1	—	Speaker
2	14413	Glove Compartment Lamp
3	14A459	Sleeve Assy
4	—	To In Car Temperature Sensor
5	—	To A/C Heater Switch
6	—	To Radio
7	—	To Control Head
8	—	To Rear Wiper Washer Switch (Wagon Only)
9	—	To Fog Lamp Switch
10	—	To Power Antenna Switch
11	19C734	Sun Load Sensor and Grille
12	14401	Wiring Assy
13	N803875-S2	Screw (2 Req'd)
14	—	To Cluster
15	—	To Steering Column
16	14A320	Wire Assy (With Autolamp)
17	N804234-S36	Screw (2 Req'd)
18	13350	Flasher Assy
19	13730	Bulb Assy (2 Req'd)
20	—	To Parking Brake Switch
21	—	Fuse Panel, Part of 14401 Wiring Harness Assy

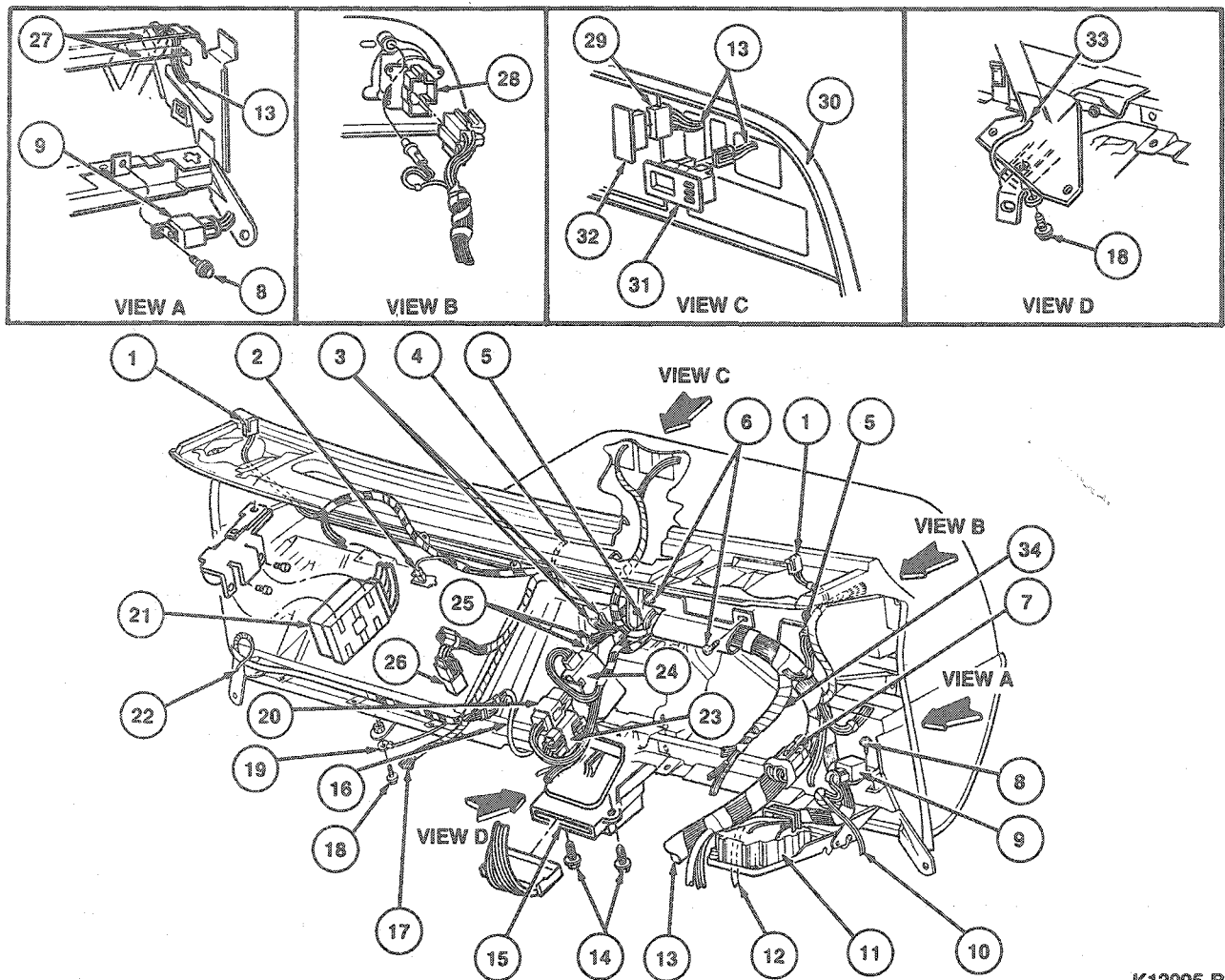
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Item	Part Number	Description
22	—	To Stoplamp and Anti-Lock Brake Switches
23	10D840	Chime Assy
24	10K910	Lamp Outage Module (Non SHO)
25	16C625	Low Oil Indicator Assy
26	17D539	Wiper Control Module
27	14N089	Horn Relay
28	—	A/C Heater Ground
29	—	To Evaporator Assy
30	N805375-S36MG	Screw
31	—	To Ash Receptacle Wiring
32	14B056	Air Bag Diagnostic Module Monitor Assy
33	19A170	Wire Assy
34	18850	Power Antenna
35	12B577	Power Antenna Module
36	13350	Turn Signal Flasher
37	14401	Connector for Mechanical Cluster
38	13A024	Dimmer Switch
39	—	Passenger Air Bag Assy
40	45A98	Finish Panel
41	11654	Headlamp Switch
42	10K910	Lamp Outage Module
43	14A459	Retainer
44	—	Radio Ground



## REMOVAL AND INSTALLATION (Continued)

## Police



K13995-B

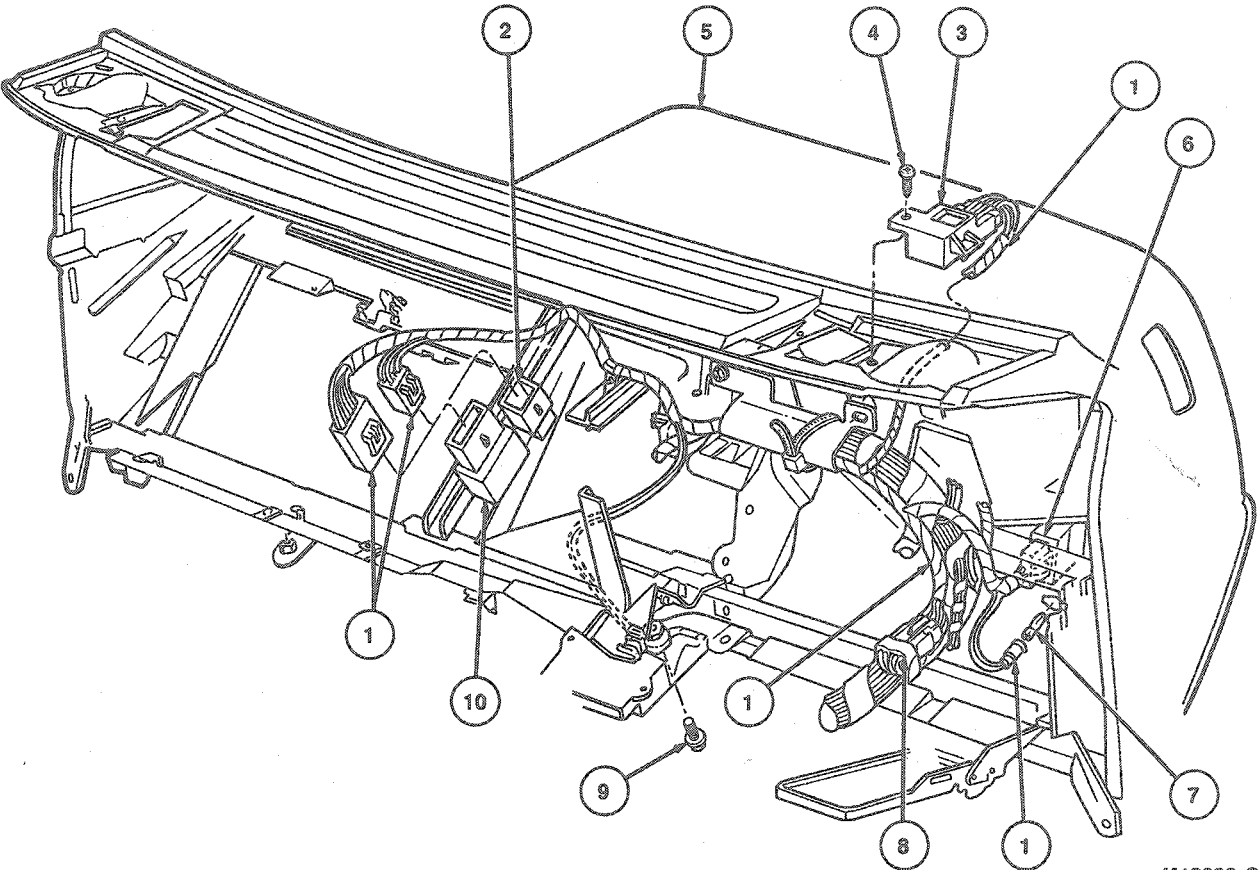
Item	Part Number	Description
1	—	To Speaker
2	—	Glove Compartment Lamp
3	—	To A/C Control Head
4	—	To A/C Heater Switch
5	—	To Cluster
6	N803875-S2	Screw (2 Req'd)
7	—	To Steering Column
8	14A320	Wiring Assy
9	N804234-S2	Screw
10	13350	Flasher Assy
11	—	To Parking Brake Switch
12	—	Fuse Panel Part of 14401
13	—	Wiring Harness Assy
14	—	To Stoplamp and Anti-Lock Brake Switch
15	14401	Wiring Assy
16	N803876-S2	Screw (2 Req'd)
17	10D840	Chime Assy

(Continued)

Item	Part Number	Description
17	—	To Ash Receptacle Wiring
18	—	To Evaporator Assy
19	N803875-S36MG	Screw
20	—	A/C Heater Ground
21	13A025	Horn Relay
22	14B056	Air Bag Diagnostic Module Monitor Assy
23	19A170	Wiring Assy
24	—	To Low Oil Indicator Assy
25	—	To Wiper Control Module
26	—	To Radio
27	13A025	Horn Relay Assy
28	13A024	Dimmer Switch
29	11654	Headlamp Switch
30	—	To Rear Window Defroster
31	45A98	Finish Panel
32	15000	Clock
33	—	Cover (Standard Production)
34	—	Radio Ground

REMOVAL AND INSTALLATION (Continued)

Auto Lamp / Auto Dimmer



K13993-C

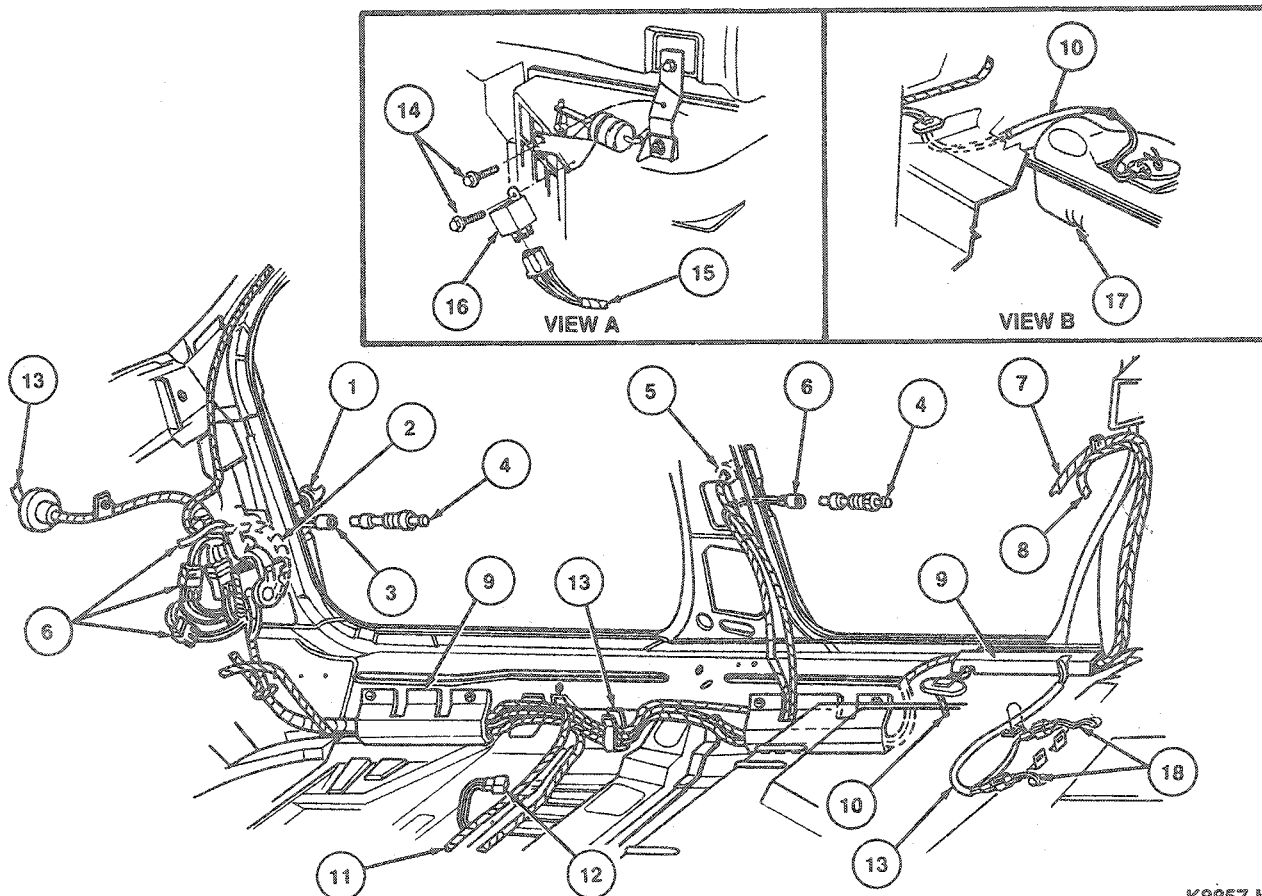
Item	Part Number	Description
1	13A090	Wiring Assy
2	14B193	Headlamp Dimmer Relay
3	14A597	Light Sensor Amplifier
4	N803876	Screw

(Continued)

Item	Part Number	Description
5	45A98	Instrument Panel
6	13736	Autolamp Switch
7	13465	Bulb Assy
8	14401	Wiring Assy
9	N801846-S36MG	Screw
10	14A672	Autolamp Relay

## REMOVAL AND INSTALLATION (Continued)

## Floorpan, RH



K8857-H

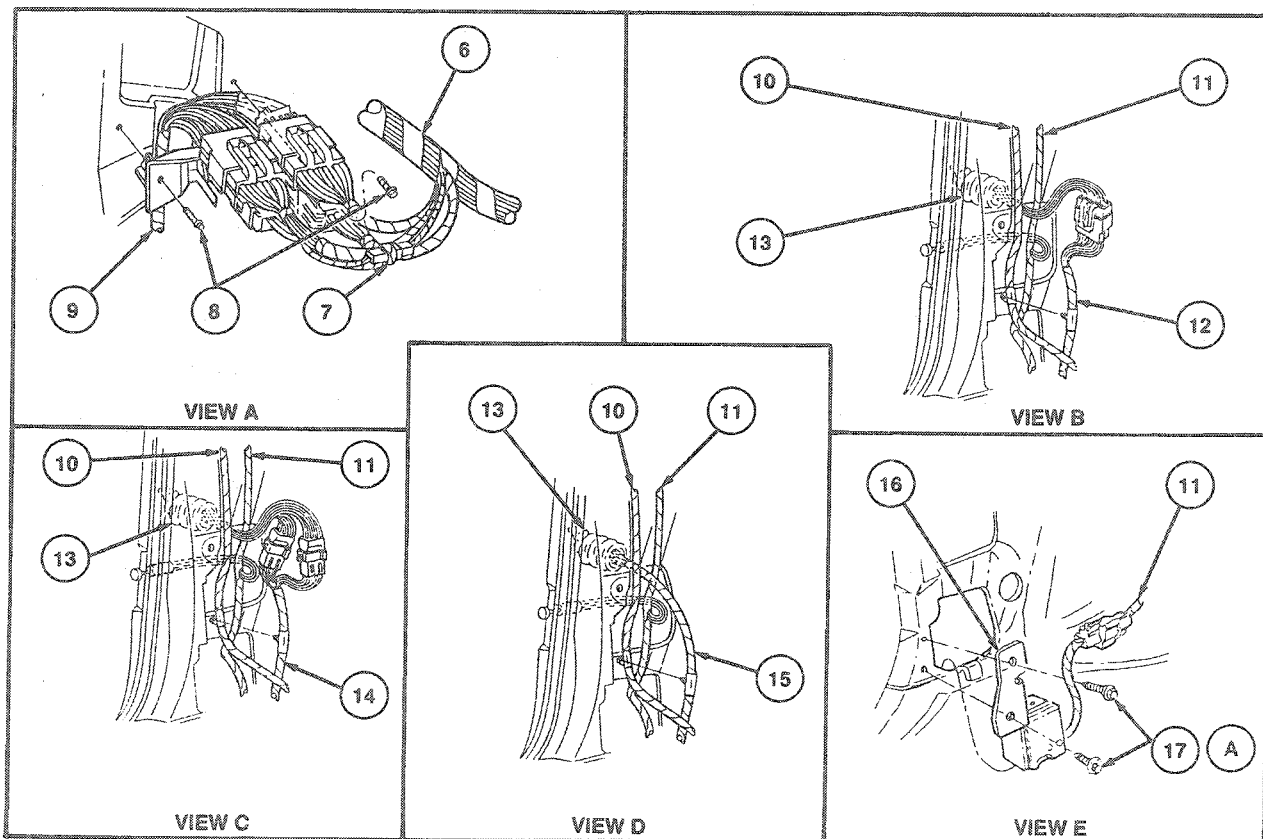
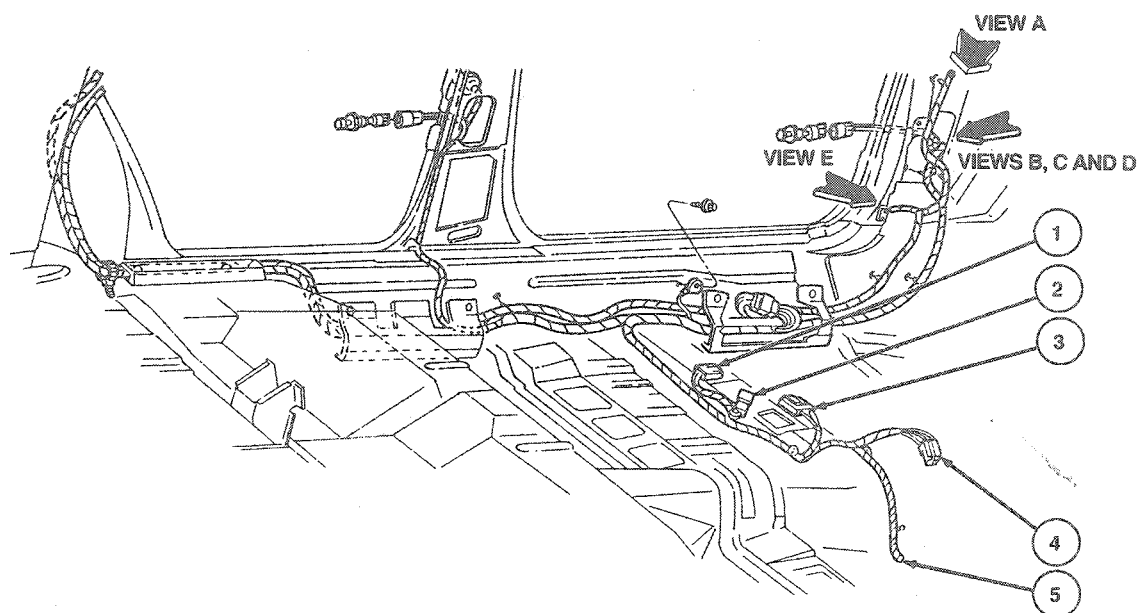
Item	Part Number	Description
1	14630	Wiring Assy
2	15A657	Roof Sliding Panel Control
3	14405	Wiring Assy
4	13713	Courtesy Lamp Switch
5	—	Wiring Assy To RH Rear Door
6	14A488	Wiring Assy
7	19B113	Wiring Assy
8	2C055	Wiring Harness Assy
9	—	Shield

(Continued)

Item	Part Number	Description
10	14405	Wiring Assy To Fuel Pump Sender
11	—	Wiring Assy To LH Floorpan
12	—	Wiring Assy To Seat Wiring
13	—	To Rear Brake Skid Control
14	N801846-S36MG	Screw
15	15A657	Wiring Assy
16	15B683	Moon Roof Motor Relay
17	9002	Fuel Tank
18	—	To LH, RH Rear Anti-Lock Wheel Sensors

## REMOVAL AND INSTALLATION (Continued)

## Floorpan, LH



K8858-G

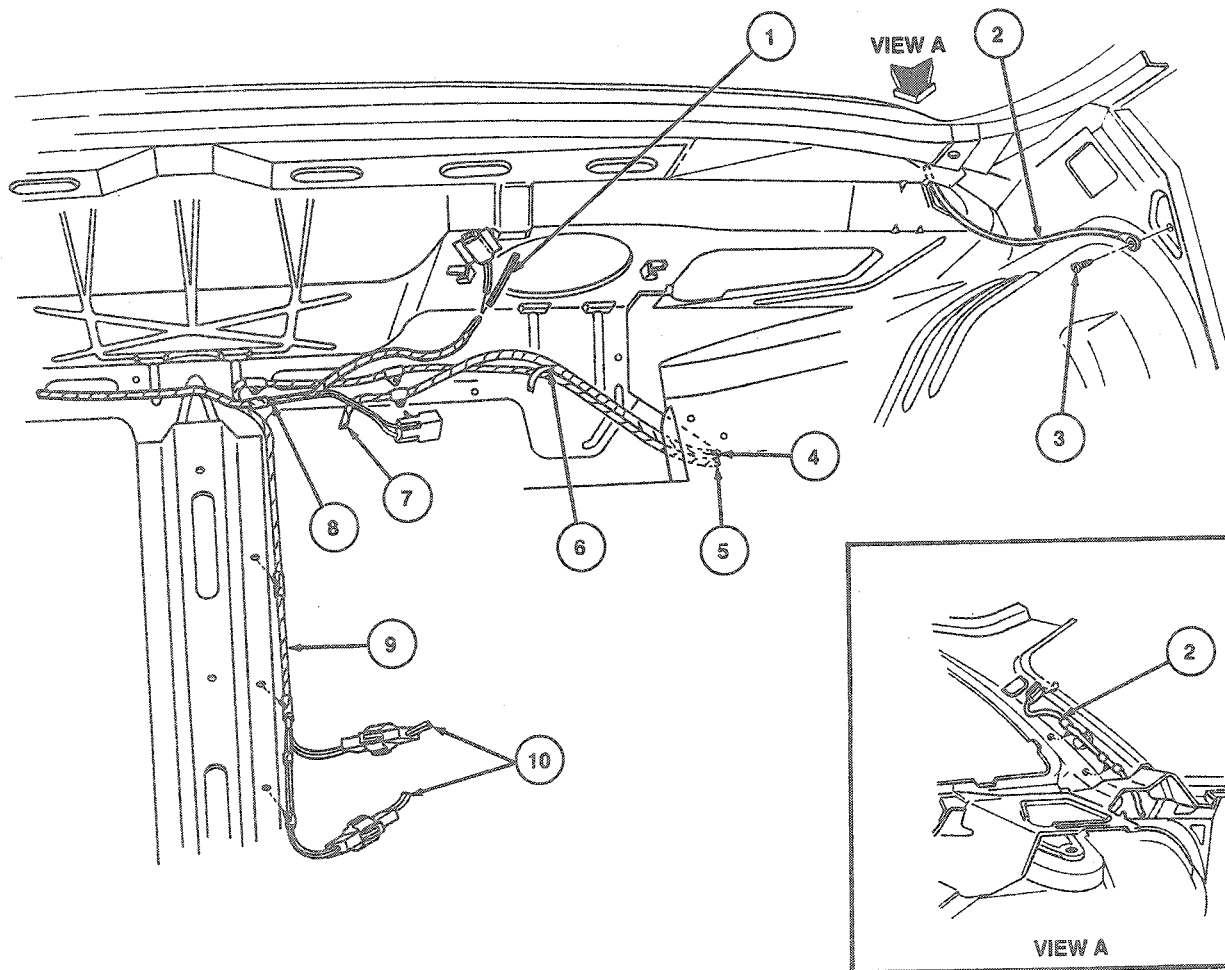
## REMOVAL AND INSTALLATION (Continued)

Item	Part Number	Description
1	—	To Seat Switch
2	—	To Power Seat
3	—	To Safety Belt
4	—	To Console
5	14A488	Wiring Assy
6	14401	Wiring Assy
7	—	To Anti-Theft Wiring
8	N804690-S36	Screw (2 Req'd)
9	—	To Rear Lamps
10	17A409	Wiring Assy
11	14405	Wiring Assy

(Continued)

Item	Part Number	Description
12	14A488	Wiring Assy Window Regulator Jumper with Power Mirror, Premium Sound and/or Curb Lamps and/or Moon Roof
13	14631	Wiring Assy Window Regulator
14	14A468	Wiring Assy Window Regulator Jumper Illuminated Entry and/or Power Locks
15	14A488	Wiring Assy without Illuminated Entry or Power Locks
16	14B007	Air Bag Sensor
17A	N803953-S36MG	Screw
A		Tighten to 4-5.6 N-m (36-49 Lb-In)

## Package Tray



K13994-B

## REMOVAL AND INSTALLATION (Continued)

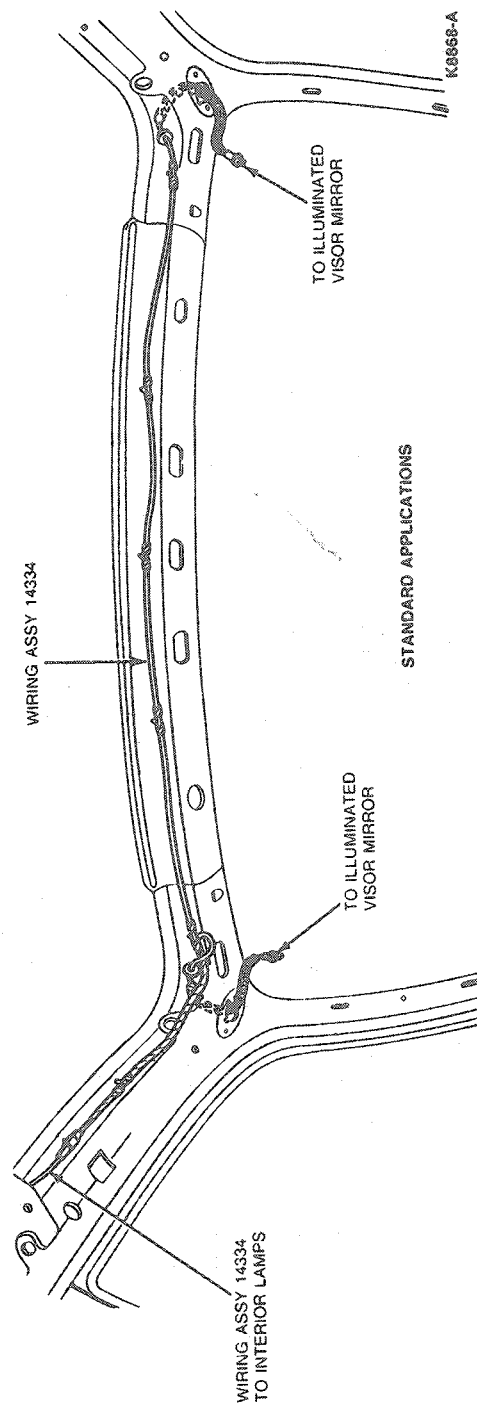
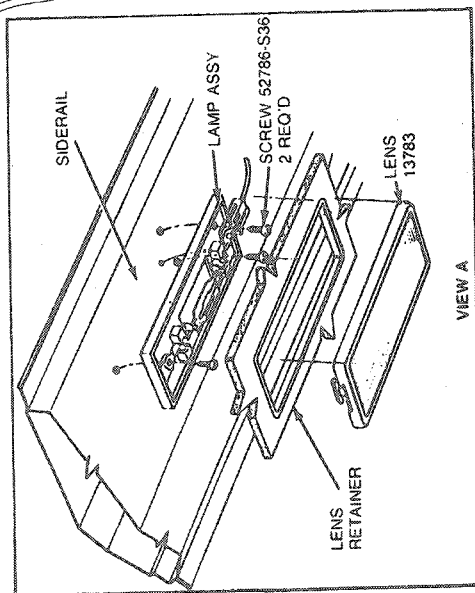
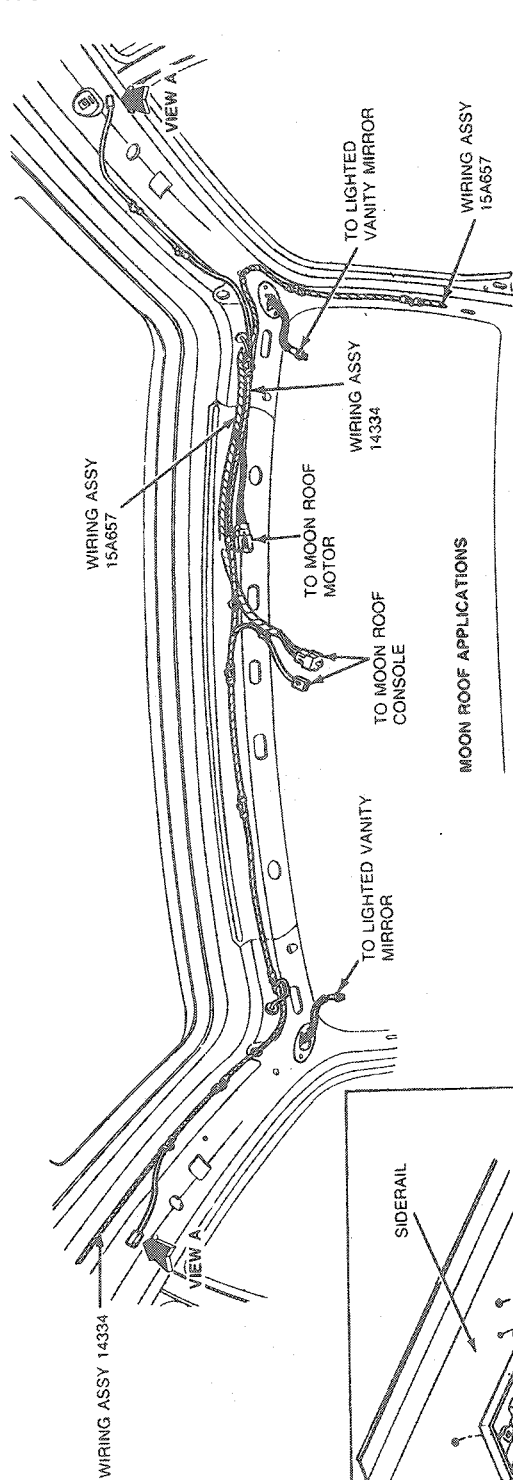
Item	Part Number	Description
1	—	To Rear Speaker
2	18C620	Wiring Harness Assy
3	N80 1846-S36MG	Screw
4	—	To Floorpan Wiring

(Continued)

Item	Part Number	Description
5	2C055	Wiring Harness Assy
6	19B113	Wiring Harness Assy
7	—	To Premium Sound Amplifier
8	14405	Wiring Harness Assy
9	14290	Wiring Harness Assy
10	—	To Anti-Lock Brake Sensors

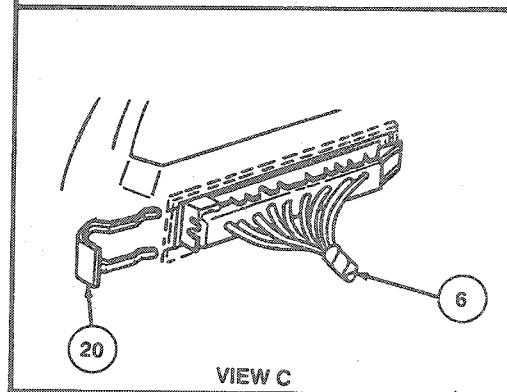
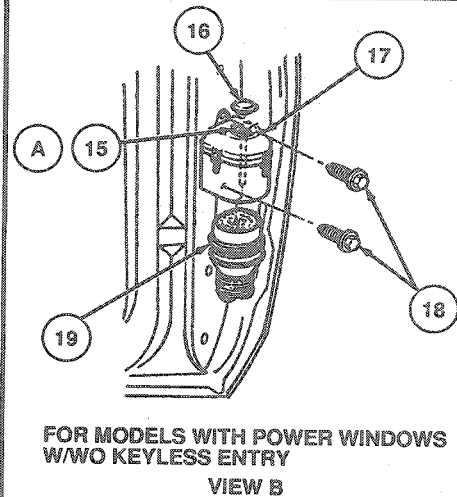
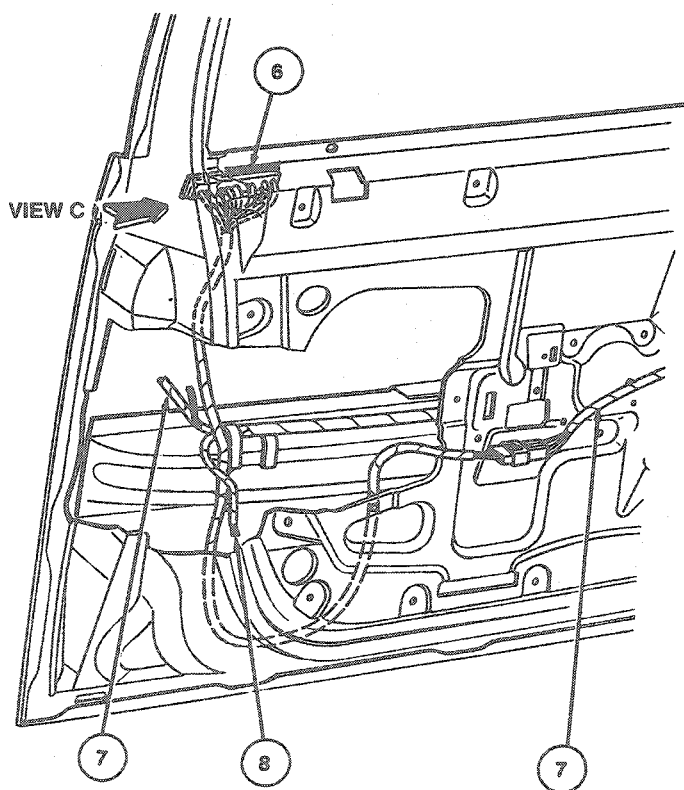
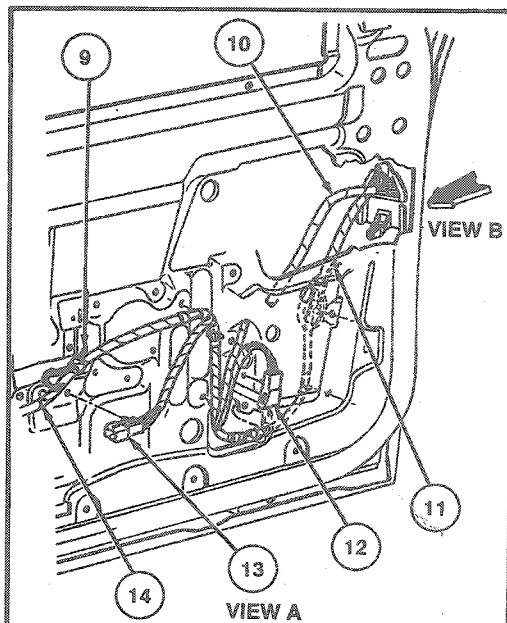
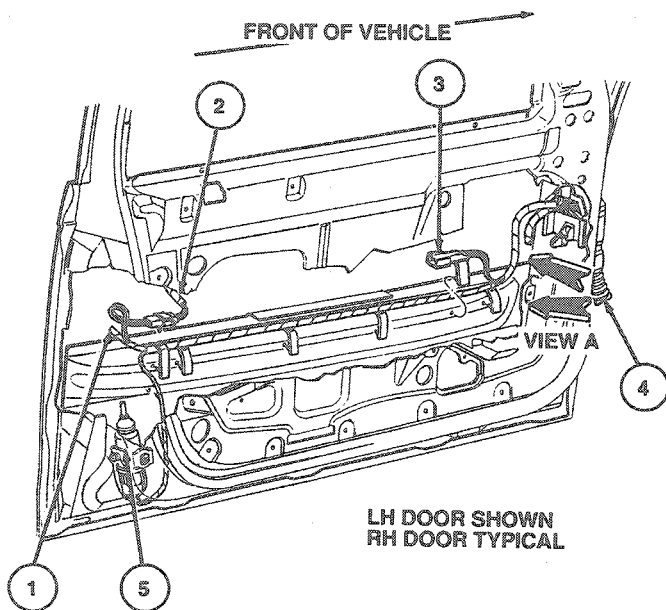
## REMOVAL AND INSTALLATION (Continued)

## Roof



## REMOVAL AND INSTALLATION (Continued)

## Door, Front



K8866-D



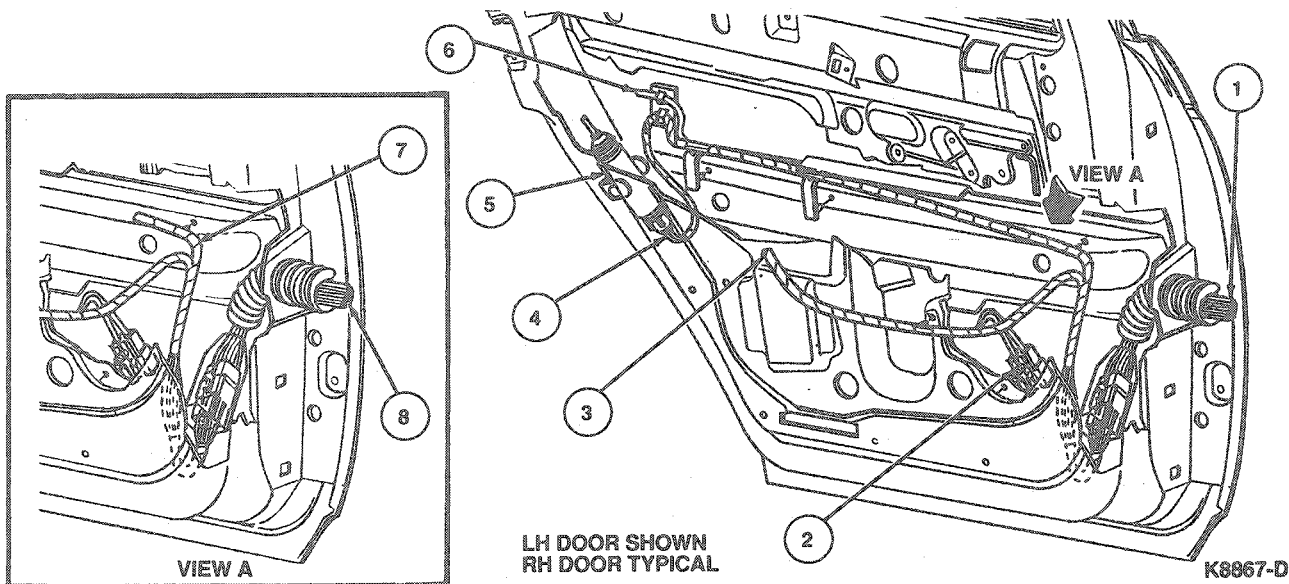
## REMOVAL AND INSTALLATION (Continued)

Item	Part Number	Description
1	—	To Illuminated Entry and Door Ajar Switch
2	—	To Lock Cylinder
3	—	To Power Mirror
4	14630 11463	Wiring Assy
5	—	Power Door Lock Actuator Motor
6	14A626	Keyless Entry Keypad
7	14631	Wiring Assy
8	—	To Door Lock Actuator Motor
9	14631	Wiring Assy to Courtesy Lamp
10	14630 14631	Wiring Assy Standard / Optional

Item	Part Number	Description
11	14630 11463	Wiring Assy to Door Speaker
12	14630	Wiring Assy to Power Window Regulator Motor
13	—	To Keyless Entry Keypad
14	—	To Power Mirror Switch Assy
15A	—	Screw
16	14A666	Cap
17	14631	Wiring Assy Connector
18	801164-S43	Screw (2 Req'd)
19	14A488	Wiring Assy to Floorpan Wiring
20	14A667	Retainer Clip
A		Tighten to 4.1-5.4 N-m (37-47 Lb-In)

(Continued)

## Door, Rear



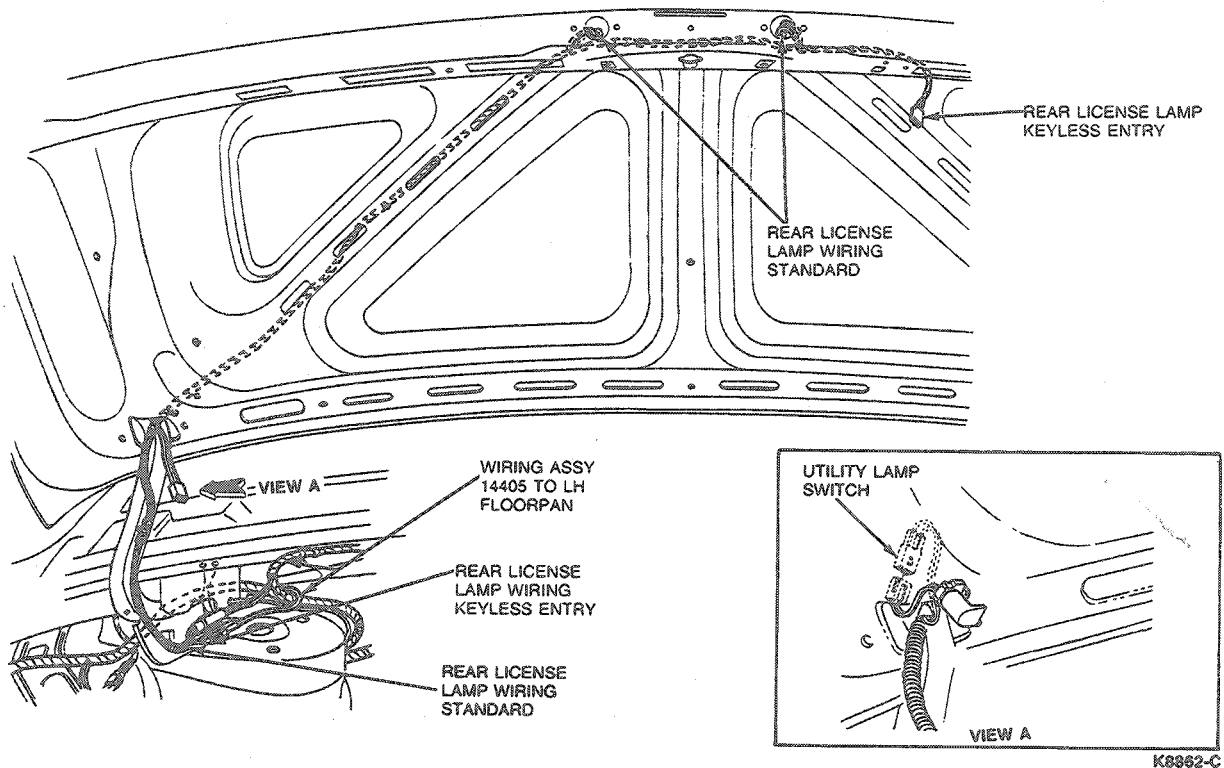
Item	Part Number	Description
1	14A488	Wiring Assy To LH Floorpan
2	14632 14633	Wiring Assy To Power Window Regulator Motor
3	14632 14633	Wiring Assy To Power Window Switch Assy
4	14026	Wiring Assy

(Continued)

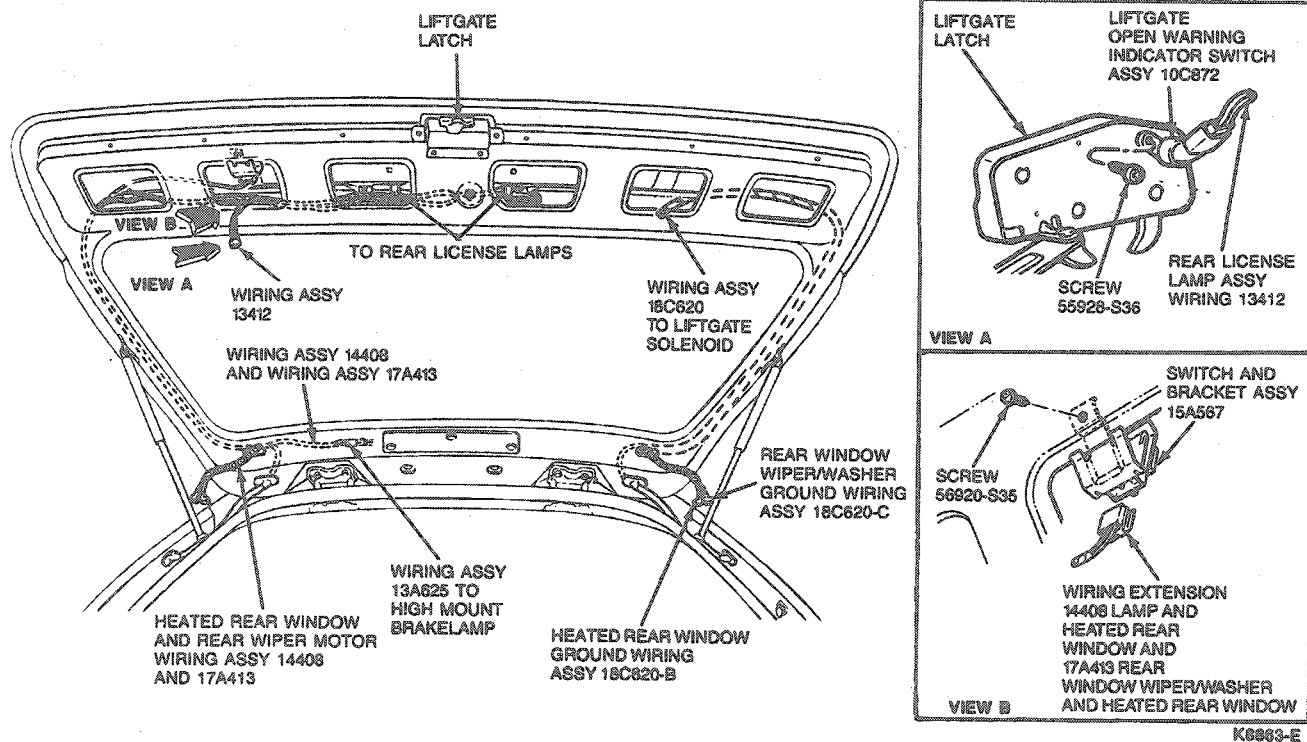
Item	Part Number	Description
5	14A626	Lock Actuator
6	—	To Door Ajar Switch
7	14632	Wiring Assy with Power Windows-With and W / Out Locks and Door Ajar
8	14A488	Wiring Assy Window Regulator Jumper

## REMOVAL AND INSTALLATION (Continued)

## Deck Lid



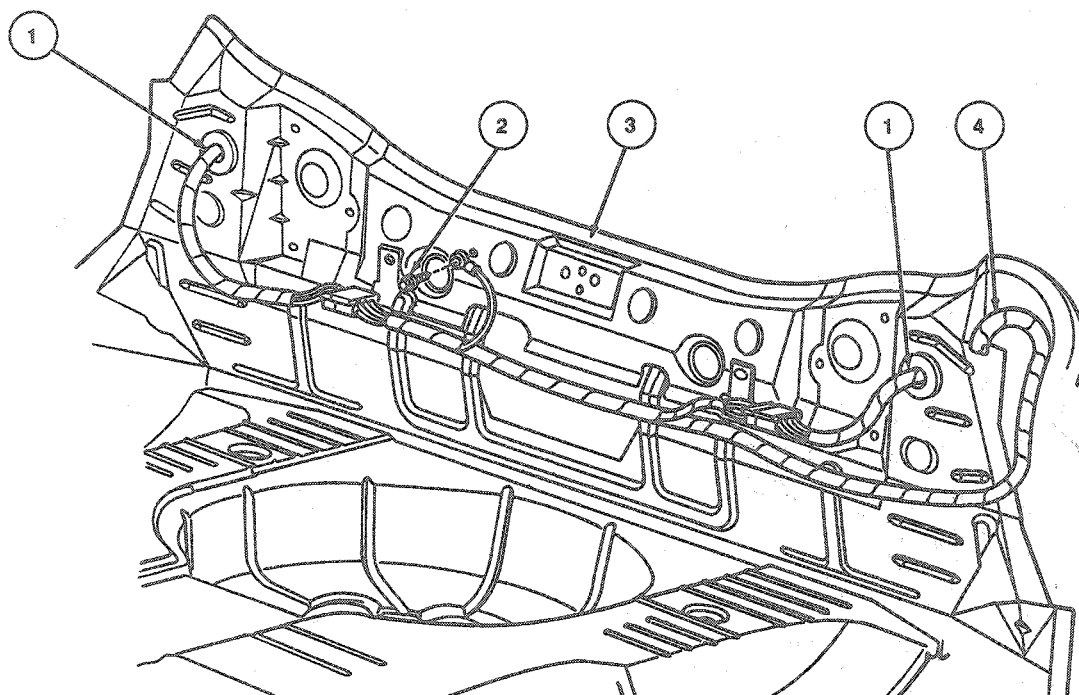
## Liftgate



## REMOVAL AND INSTALLATION (Continued)

## Lower Back Panel—Sedan

## Taurus

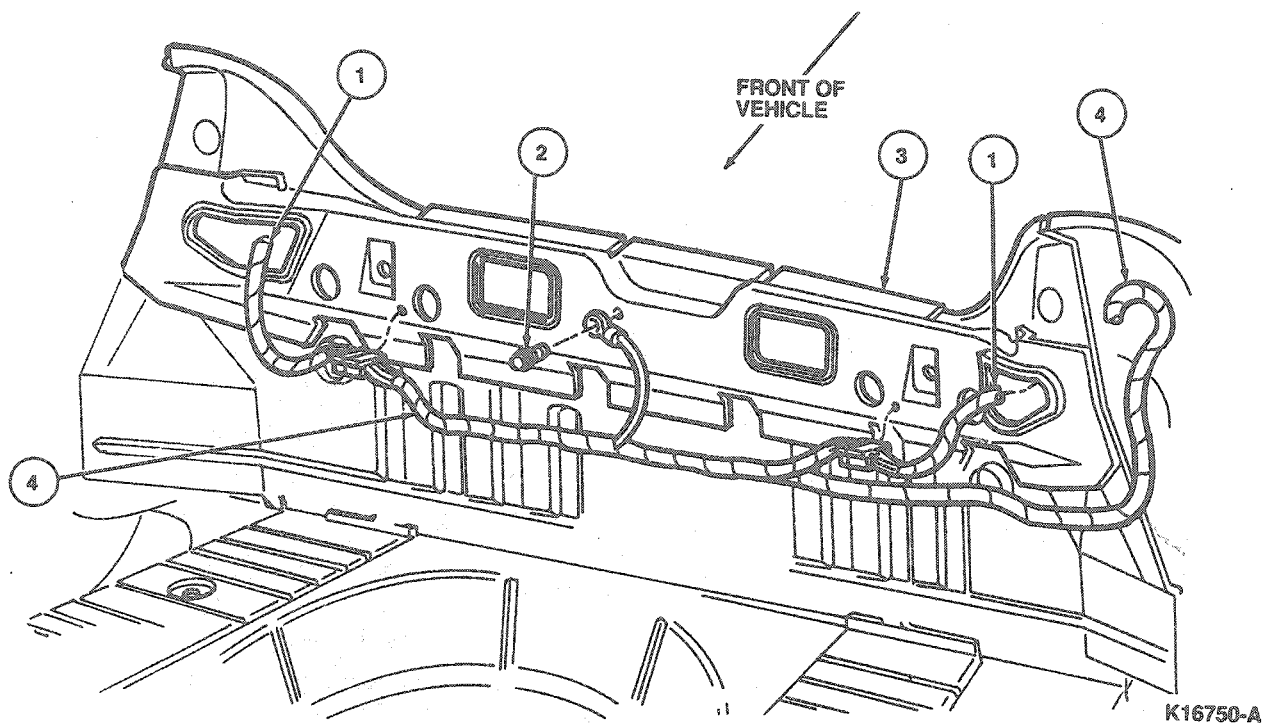


K16749-A

Item	Part Number	Description
1	13407	Wiring Assy to Rear Lamps
2	N801846	Screw
3	—	Lower Back Panel
4	14405	Wiring Assy

## REMOVAL AND INSTALLATION (Continued)

## Sable

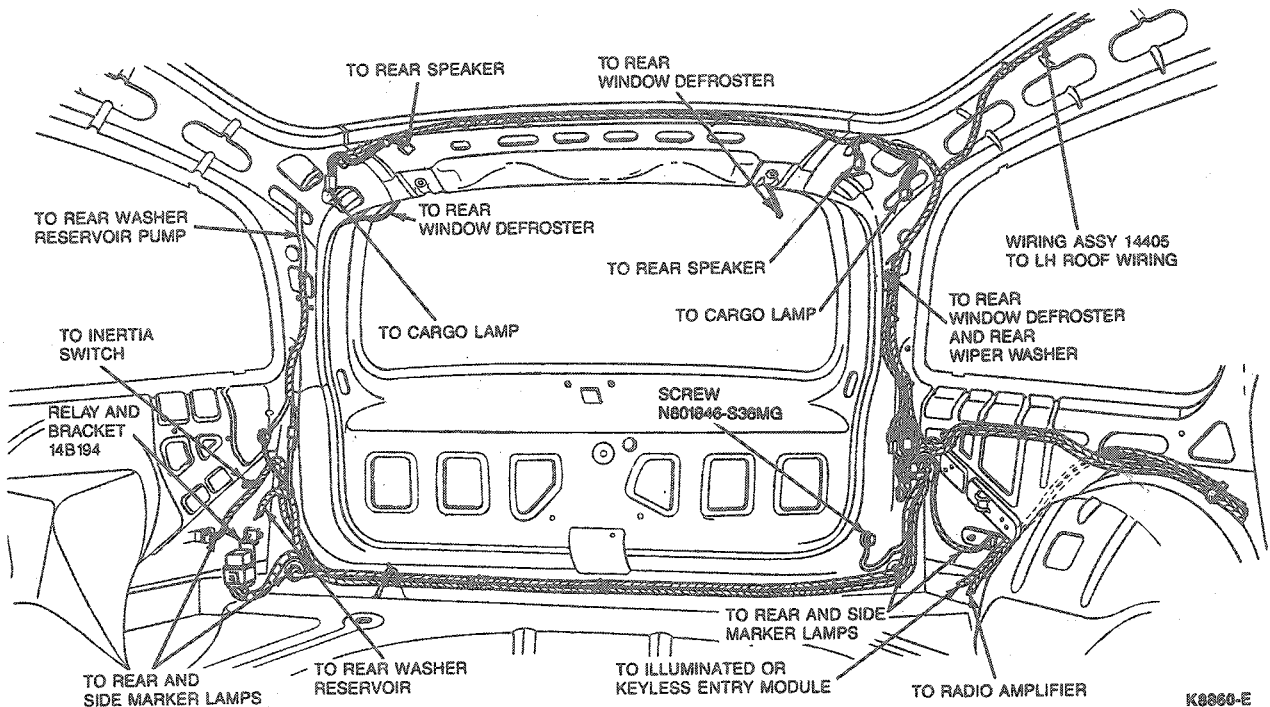


Item	Part Number	Description
1	13407	Wiring Assy to Rear Lamps
2	N801846	Screw
3	—	Lower Back Panel
4	14405	Wiring Assy

## REMOVAL AND INSTALLATION (Continued)

## Rear Quarter Back Panel

## Wagon




K8860-E

## SPECIFICATIONS

## TORQUE SPECIFICATIONS

DESCRIPTION	N-m	Lb-in
Dropping Resistor Mounting Screw	5.2-6.7	47-59
Air Bag Sensor Mounting Screw	4-5.6	36-49
Power Distribution Box Mounting Screw	3.6-4.1	32-36
Wiring Assembly Connector Screw	4.1-5.4	37-47
Connector Retaining Bolt	1.4-2	12-18
Ground Screw	3.4-4.8	30-42
Connector Retaining Bolt	5.2-7.2	46-64
Bracket Mounting Screw	7.6-10.4	6-8 (Lb-Ft)
Bracket Mounting Nut	29.7-40.3	22-30 (Lb-Ft)
Fuse Panel Retaining Screws	2.1-2.9	19-26 (Lb-Ft)

## SPECIAL SERVICE TOOLS

Tool Number / Description	Illustration
T67S-17018-A Wire Fitting Crimping Tool	 T67S-17018-A