

BUMPERS AND FRAME

CONTENTS

	page		page
BUMPERS	1	SPECIFICATIONS	4
FRAME	2		

BUMPERS

INDEX

page

REMOVAL AND INSTALLATION

REAR BUMPER FASCIA	1
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REMOVAL AND INSTALLATION

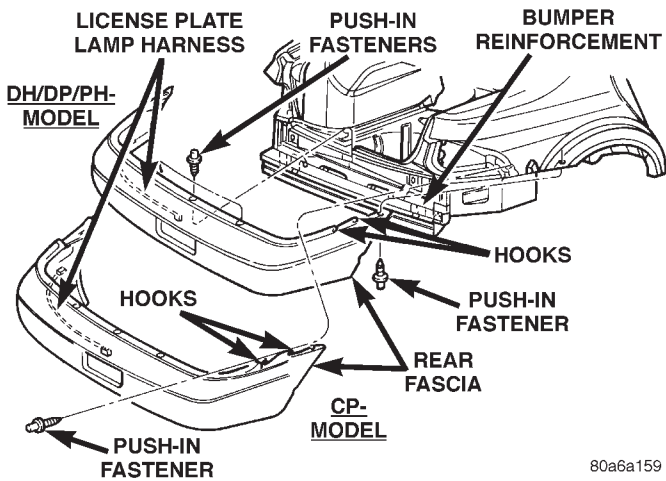
REAR BUMPER FASCIA

REMOVAL

- (1) Release trunk latch and open trunk.
- (2) Remove left rear tail lamp and disengage license plate wire connector from tail lamp. Refer to Group 8L, Lamps, for proper procedures.
- (3) On CP-model, remove right rear tail lamp. Refer to Group 8L, Lamps, for proper procedures.
- (4) On CP-model, Remove push-in fasteners holding fascia to quarter panel inside tail lamp cavities (Fig. 1).
- (5) Remove push-in fasteners holding trunk lid slam bumpers to top of fascia.
- (6) Remove push-in fastener holding center of fascia to rear closure panel.
- (7) Remove screws holding fascia to rear wheel-house splash shields.
- (8) Remove push-in fastener holding fascia to quarter panel at the wheelwell opening.
- (9) Slide fascia rearward to disengage hooks holding fascia to bottom of quarter panel.
- (10) Separate fascia from vehicle.

INSTALLATION

- (1) Position fascia on vehicle.
- (2) Slide fascia forward to engage hooks holding fascia to bottom of quarter panel.
- (3) Install push-in fastener holding center of fascia to rear closure panel.



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Fig. 1 Rear Bumper Fascia

- (4) Install push-in fasteners holding trunk lid slam bumpers to top of fascia.
- (5) Install push-in fasteners holding fascia to quarter panel at wheelwell opening.
- (6) Install screws holding fascia to rear wheel-house splash shields.
- (7) On CP-model, install push-in fasteners holding fascia to quarter panel inside tail lamp cavities.
- (8) Engage license plate wire connector to left tail lamp.
- (9) Install tail lamps. Refer to Group 8L, Lamps, for proper procedures.

FRAME

INDEX

	page	page
REMOVAL AND INSTALLATION		
ENGINE SUPPORT MODULE	2	
FRONT SUSPENSION CROSSMEMBER		2

REMOVAL AND INSTALLATION

ENGINE SUPPORT MODULE

It is not necessary to support the engine during the following operation unless the engine/transaxle side mounts or transaxle is to be removed. Refer to Group 9, Engine, or Group 21, Transaxle, for proper methods of supporting the engine.

REMOVAL

- (1) Using mechanics wire, secure radiator to upper radiator crossmember.
- (2) Hoist and support vehicle on safety stands. Refer to Group 0, Lubrication and Maintenance, for proper procedure.
- (3) Remove bolt holding engine support to rear engine mount isolator (Fig. 1).
- (4) Remove bolt holding engine support to front engine mount isolator.
- (5) Place a suitable lifting device under engine support module.
- (6) Remove bolts holding radiator support crossmember to bottom of radiator closure panel.
- (7) Remove bolts holding engine support module to front suspension crossmember.
- (8) Separate engine support module and radiator support crossmember from vehicle.
- (9) Separate engine support module and radiator support crossmember.

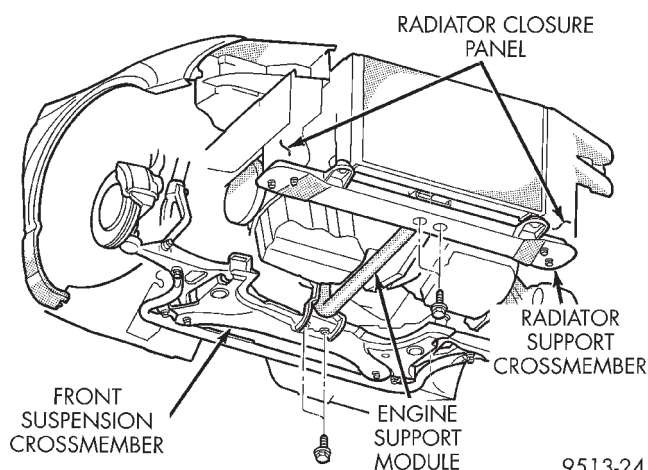


Fig. 1 Engine Support Module

INSTALLATION

- (1) Install bolts holding engine support module to radiator support crossmember.
- (2) Position engine support module and radiator support crossmember on vehicle.
- (3) Install bolts holding engine support module to front suspension crossmember.
- (4) Install bolts holding radiator support crossmember to radiator closure panel.
- (5) Install bolt holding engine support to front engine mount isolator.
- (6) Install bolt holding engine support to rear engine mount isolator

FRONT SUSPENSION CROSSMEMBER

REMOVAL

- (1) Hoist and support vehicle on safety stands. Refer to Group 0, Lubrication and Maintenance, for proper procedure.
- (2) Remove engine support module.
- (3) Place a suitable lifting device under front suspension crossmember.
- (4) Remove bolts holding suspension strut to the lower control arm. Refer to Group 2, Suspension, for proper procedures.
- (5) Disengage lower ball joints from lower control arms. Refer to Group 2, Suspension, for proper procedures.
- (6) Remove bolts holding front of suspension crossmember to frame rails under upper control arms.
- (7) Loosen bolts holding rear of suspension crossmember to frame rail torque boxes.
- (8) Allow the front of the suspension crossmember to swing away from the frame rails.
- (9) Remove bolts holding steering gear to top of suspension crossmember (Fig. 2).

CAUTION: Do not allow steering gear to hang by the pressure or return hoses, damage to hoses can result.

- (10) Using mechanics wire, tie steering gear to structure above.
- (11) Raise crossmember back into position.

REMOVAL AND INSTALLATION (Continued)

(12) Remove bolts holding rear of crossmember to frame rail torque boxes.

(13) Lower front suspension crossmember away from bottom of vehicle.

INSTALLATION

(1) Raise front suspension crossmember into position on vehicle.

(2) Loosely install bolts holding rear of crossmember to frame rail torque boxes.

(3) Lower crossmember and install bolts holding steering gear to top of suspension crossmember.

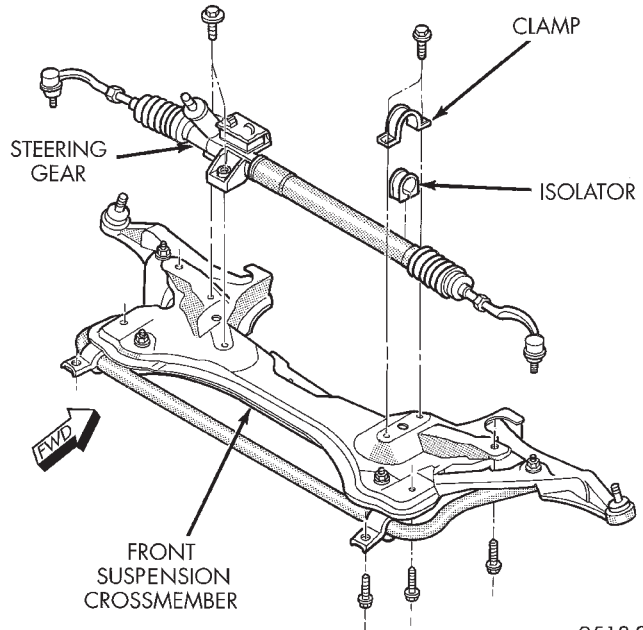
(4) Raise crossmember into position.

(5) Tighten bolts holding rear of suspension crossmember to frame rail torque boxes.

(6) Install bolts holding front of suspension crossmember to frame rails under upper control arm.

(7) Engage lower ball joint to lower control arms. Refer to Group 2, Suspension, for proper procedures.

(8) Install bolts holding suspension strut to lower control arm. Refer to Group 2, Suspension, for proper procedures.



9513-25

Fig. 2 Front Suspension Crossmember

(9) Install engine support module.

SPECIFICATIONS

INDEX

page

page

SPECIFICATIONS

TORQUE SPECIFICATIONS 4

FRAME DIMENSIONS 4

SPECIFICATIONS

TORQUE SPECIFICATIONS

DESCRIPTION

TORQUE

Rear Bumper Reinforcement

Attaching Nut 271 N·m (200 ft. lbs.)

Front Suspension Crossmember

Attaching Bolt 115 N·m (85 ft. lbs.)

Radiator Support Crossmember

Attaching Bolts 115 N·m (85 ft. lbs.)

Engine Support Module:

Bolts, Front-Module to Radiator Support

Crossmember 34 N·m (25 ft. lbs.)

Bolts, Rear-Module to Radiator Support

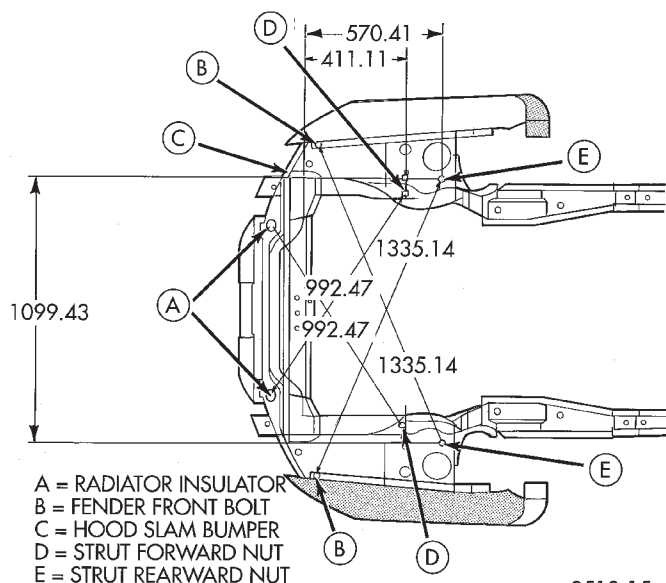
Crossmember 61 N·m (45 ft. lbs.)

Bolts, Rear-Module to Front Suspension

Crossmember 61 N·m (45 ft. lbs.)

Bolts, Engine Isolator Through 61 N·m

(45 ft. lbs.)



9513-15

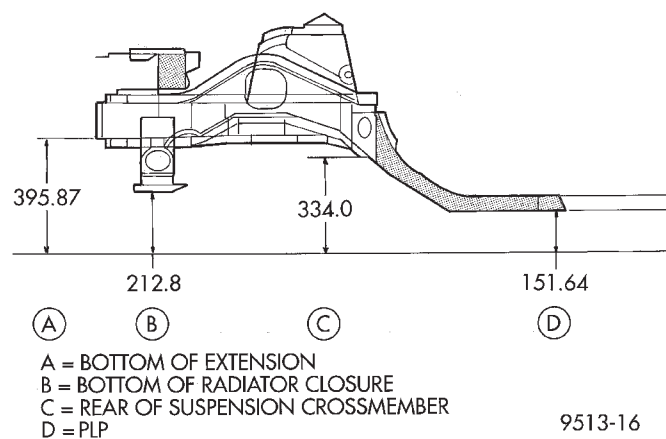
Fig. 1 Engine Compartment Top View

FRAME DIMENSIONS

Frame dimensions are listed in metric scale. All dimensions are from center to center of Principal Locating Point (PLP), or from center to center of PLP and fastener location.

VEHICLE PREPARATION

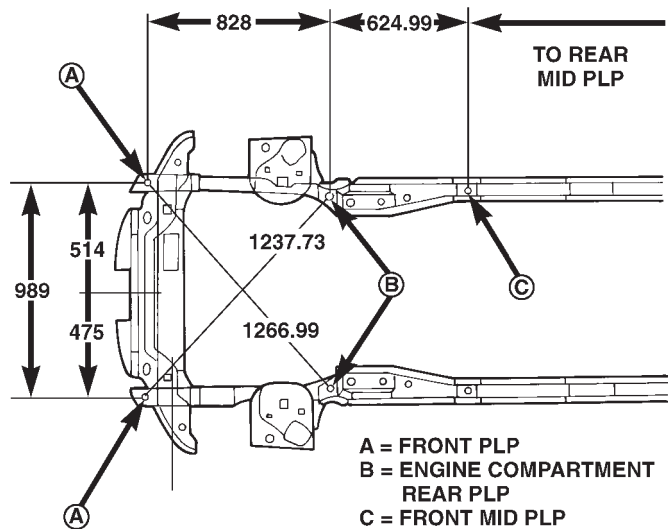
Position the vehicle on a level work surface. Using screw or bottle jacks, adjust the vehicle PLP heights to the specified dimension above a level work surface. Vertical dimensions can be taken from the work surface to the locations indicated were applicable (Fig. 1), (Fig. 2), (Fig. 3), (Fig. 4), (Fig. 5), (Fig. 6), and (Fig. 7)



9513-16

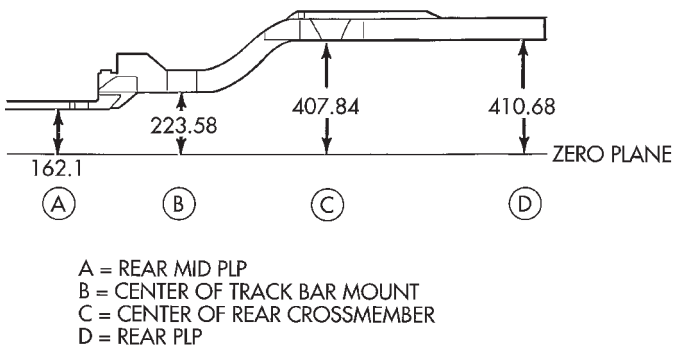
Fig. 2 Engine Compartment Side View

SPECIFICATIONS (Continued)



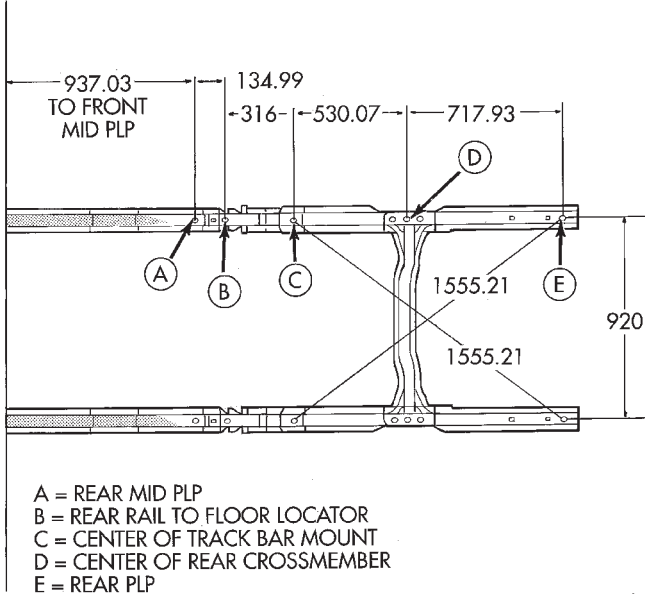
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Fig. 3 Forward Frame Section Bottom View



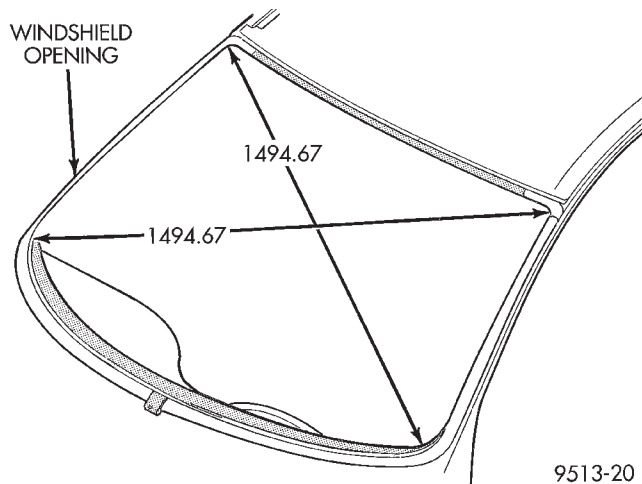
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Fig. 4 Rear Frame Section Side View



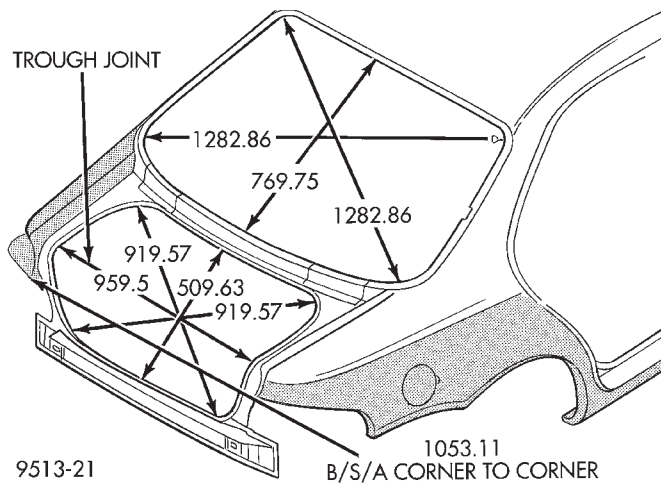
9513-19

Fig. 5 Rear Frame Section Bottom View



9513-20

Fig. 6 Windshield Opening



9513-21

Fig. 7 Rear Window And Trunk Opening

SPECIFICATIONS (Continued)