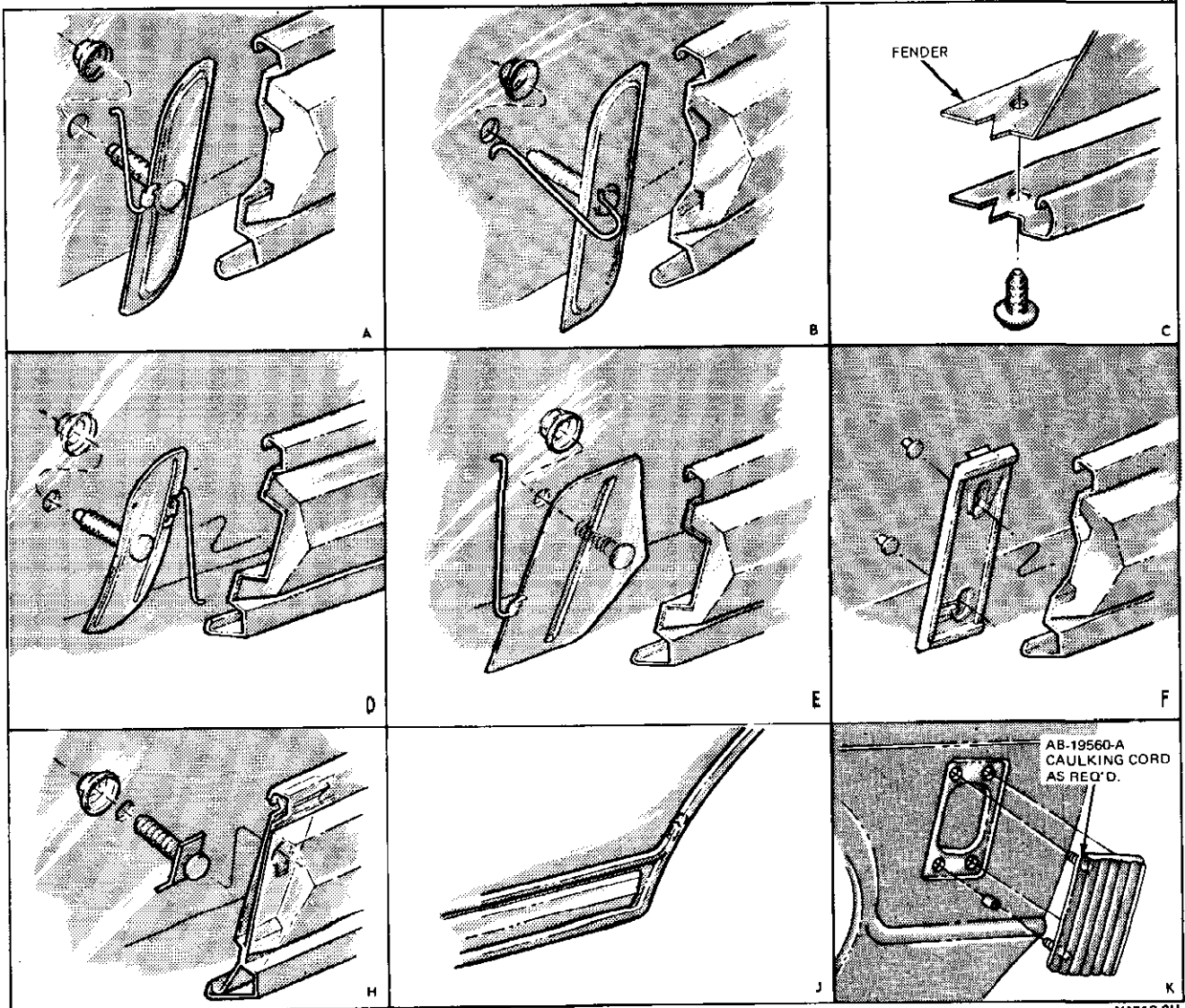
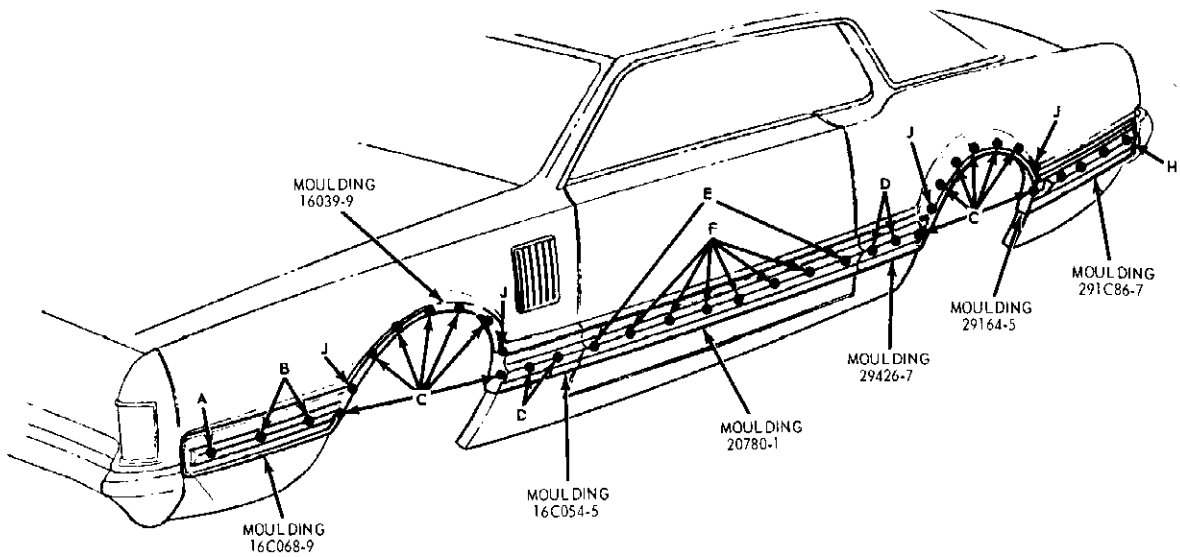




N1513-2H

FIG. 6 Optional Exterior Side Moulding Installation—Thunderbird

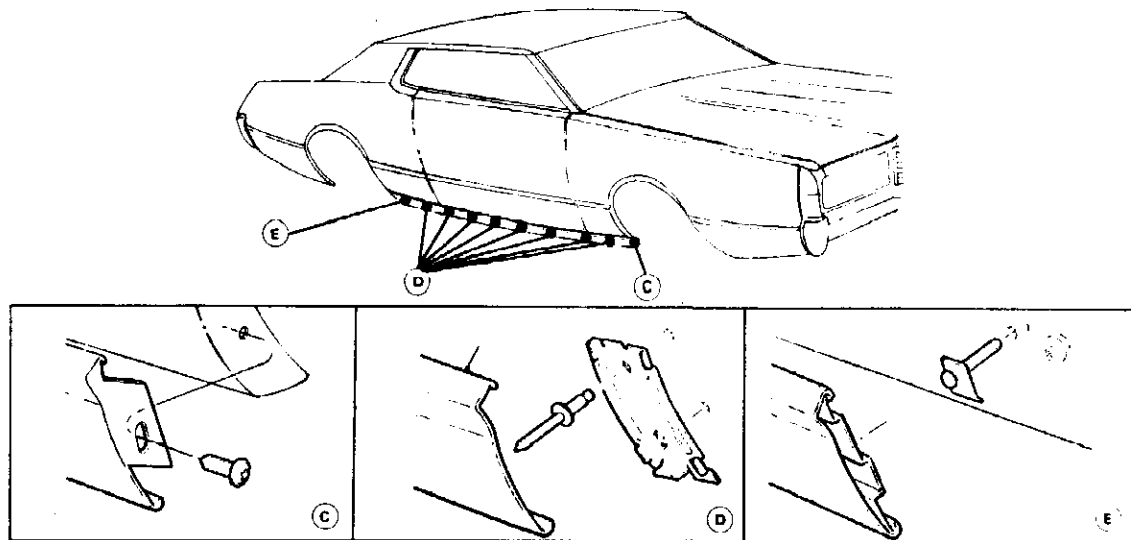
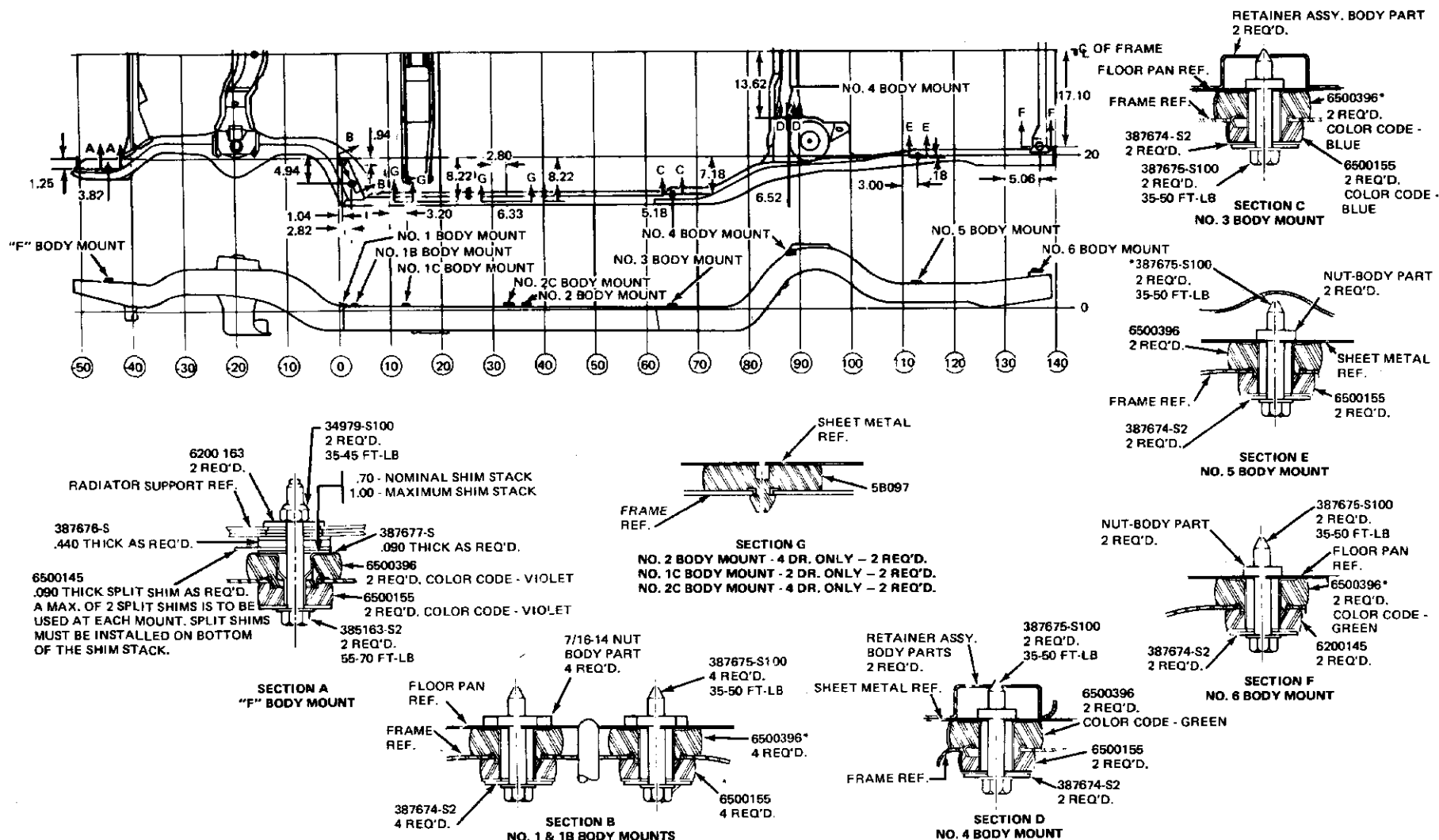


FIG. 7 Optional Exterior Side Moulding Installation—Thunderbird

NZ394-2C

FRAME AND BODY MOUNTS



R1794-2F

Ford and Mercury

**PART
47-05**

SUBJECT	PAGE	SUBJECT	PAGE
REMOVAL AND INSTALLATION		REMOVAL AND INSTALLATION (Cont'd.)	
Exterior Mouldings	05-8	Radiator Grille	05-1
Frame Dimensions	05-8	Rear Bumper	05-4
Front Bumper	05-2		

CN2877-2B

REMOVAL AND INSTALLATION

RADIATOR GRILLE

Ford High and Low Series Center Grille

The radiator grille is attached to the front of the vehicle with six screws which can be removed from the front of the grille (Figs. 1 and 2). To install, simply reverse the procedure.

RADIATOR GRILLE

MERCURY HIGH SERIES

Center Grille

1. Remove seven radiator center grille attaching screws (Fig. 3), and remove the center grille from the vehicle.

2. Position the center grille to the vehicle, and install the seven attaching screws.

HEADLAMP MOULDING ASSEMBLY (MERCURY ONLY) Removal

1. Open headlamp door and remove six self-threading nuts that secure the moulding to the door.
2. Close the door and remove the moulding assembly.

Installation

1. Position the moulding on the headlamp door.
2. Open the door and install six self-threading nuts securing the moulding to the door.

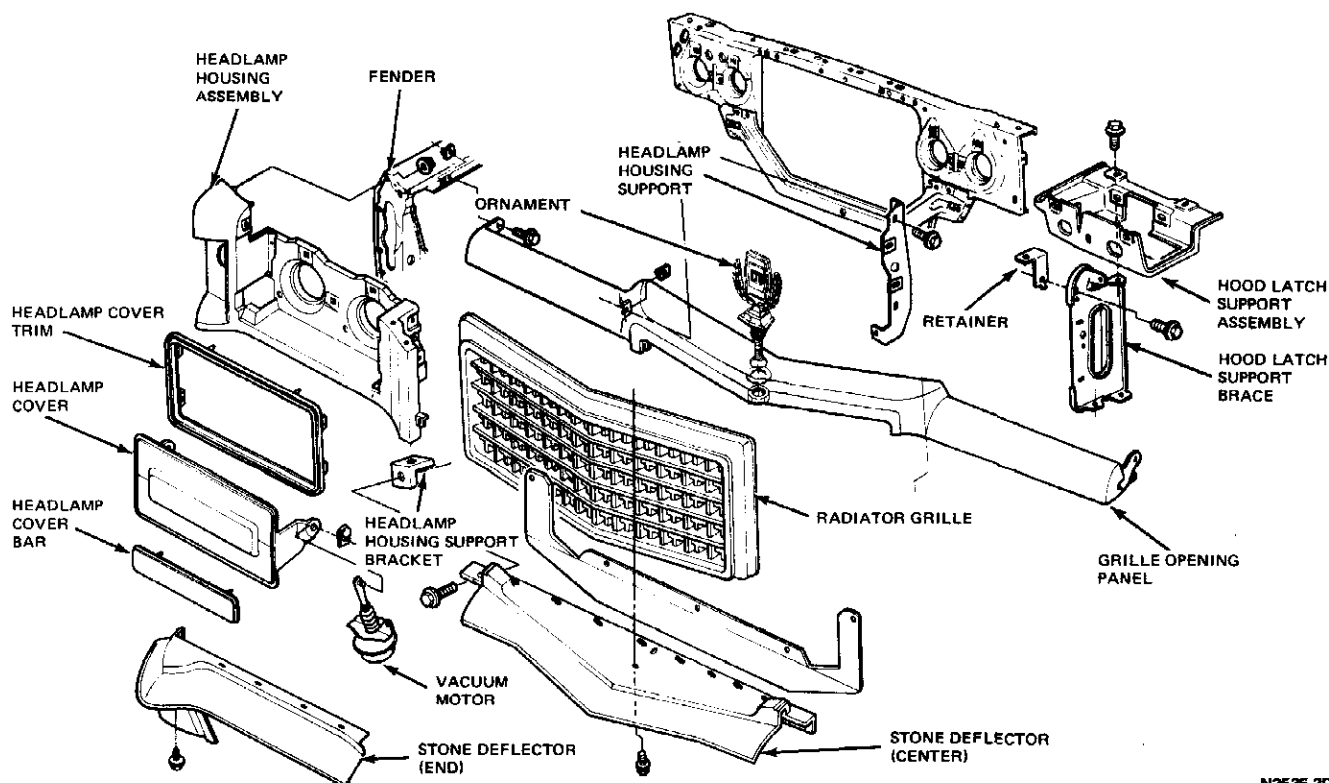


FIG. 1 Radiator Grille Installation—Ford High Series

HEADLAMP DOOR ORNAMENT

Removal

1. Open the headlamp door and remove the two self-threading nuts that secure the ornament to the door.

2. Close the door and remove ornament.

Installation

1. Position ornament on headlamp.
2. Open door and install the two self-threading nuts that secure the ornament to the door.

FORD LOW SERIES HEADLAMP DOORS

1. Remove two (2) upper bright screws and lift door out of lower attaching access notches in grille opening panel (Fig. 2).
2. Position lower headlamp door tabs into notches in grille opening panel, rotate door upward and rearward to flush fit and install attaching bright screws.

FRONT BUMPER

FORD

Removal

1. Remove six bolts (three on each side), attaching the reinforcement to the isolator (Fig. 4).
2. Remove the bumper assembly from the vehicle. Remember to replace the spacers between reinforcement and mounting plate (if so equipped).
3. Remove the bumper guards (two nuts) on each side. License plate must be removed prior to removal of reinforcement from bumper.

4. Remove the license plate and bracket assembly.
5. Remove the reinforcement-to-bumper (thirteen bolts and six nuts).
6. Remove bumper pads, if so equipped. **NOTE: The bumper pad attaching tabs may be destroyed upon removal, if so equipped.** Damage may be avoided by squeezing the retaining tabs with pliers until tabs can be pushed through holes in bumper.

Installation

1. Install the license plate and bracket. Install three new bumper pads, if so equipped.
2. Install the reinforcement assembly to the bumper (Fig. 4). Torque nuts to 17-23 ft-lbs and the thirteen bolts to 25-38 ft-lbs. License plate bracket must be installed after reinforcement is assembled to bumper.
3. Install the bumper guards. Install 2 new bumper pads, if required.
4. Install deflector front air with 10 screws.
5. Position the bumper assembly to the vehicle, replace spacers and install the attaching bolts snug.
6. Adjust the bumper height so that the distance from the top edge to the ground meets the specifications in Fig. 6. Then, adjust the bumper for body clearance at the centerline of the parking lamp so that the vertical and horizontal body to bumper dimensions meet the specifications in Fig. 6. Tighten the isolator-to-reinforcement bolts to 35-50 ft-lbs torque.

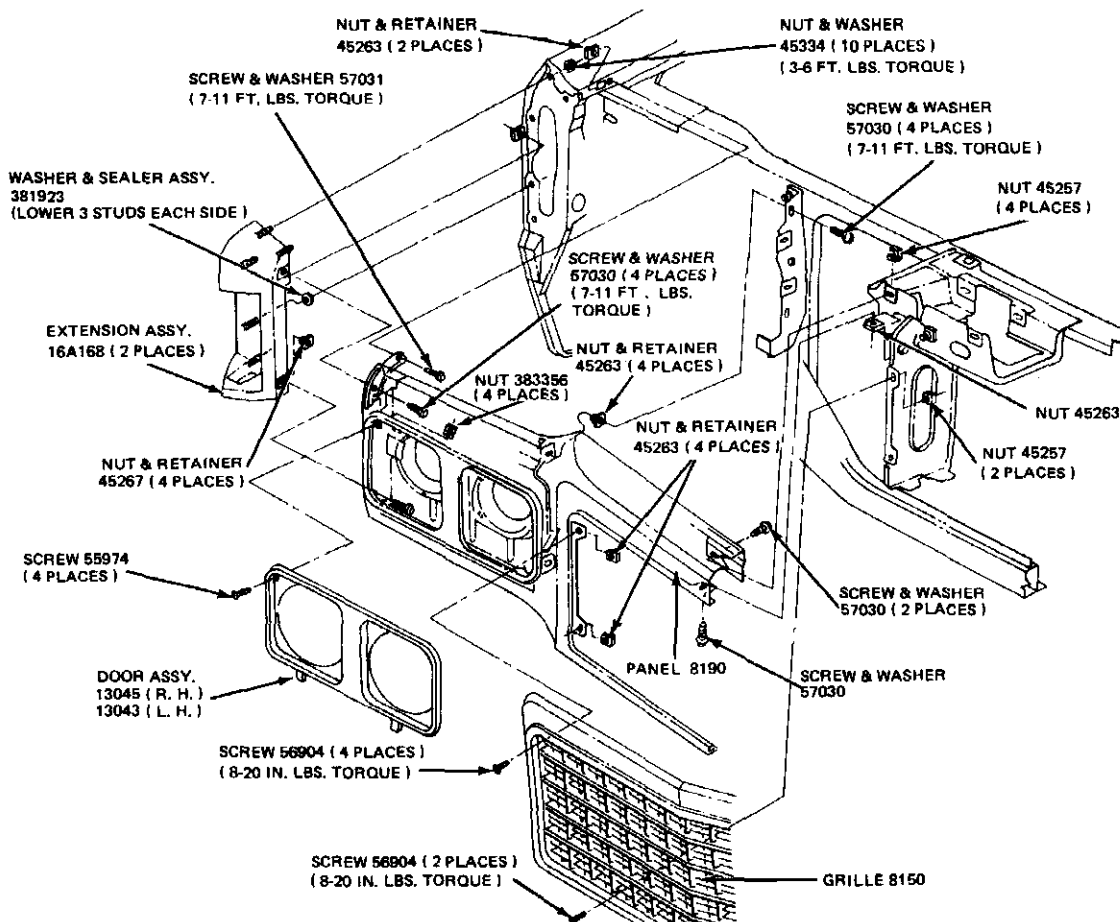


FIG. 2 Radiator Grille Installation—Ford Low Series

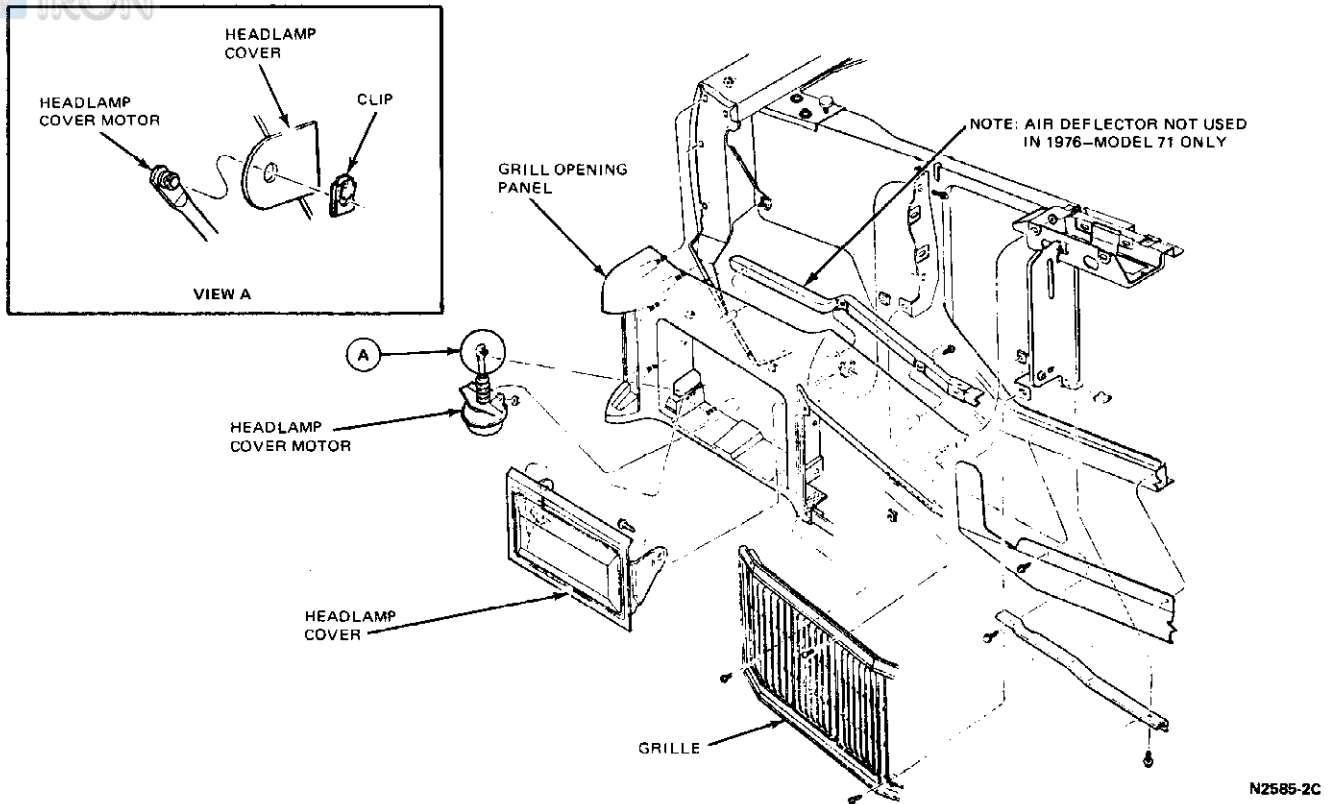


FIG. 3 Radiator Grille Installation—Mercury High Series

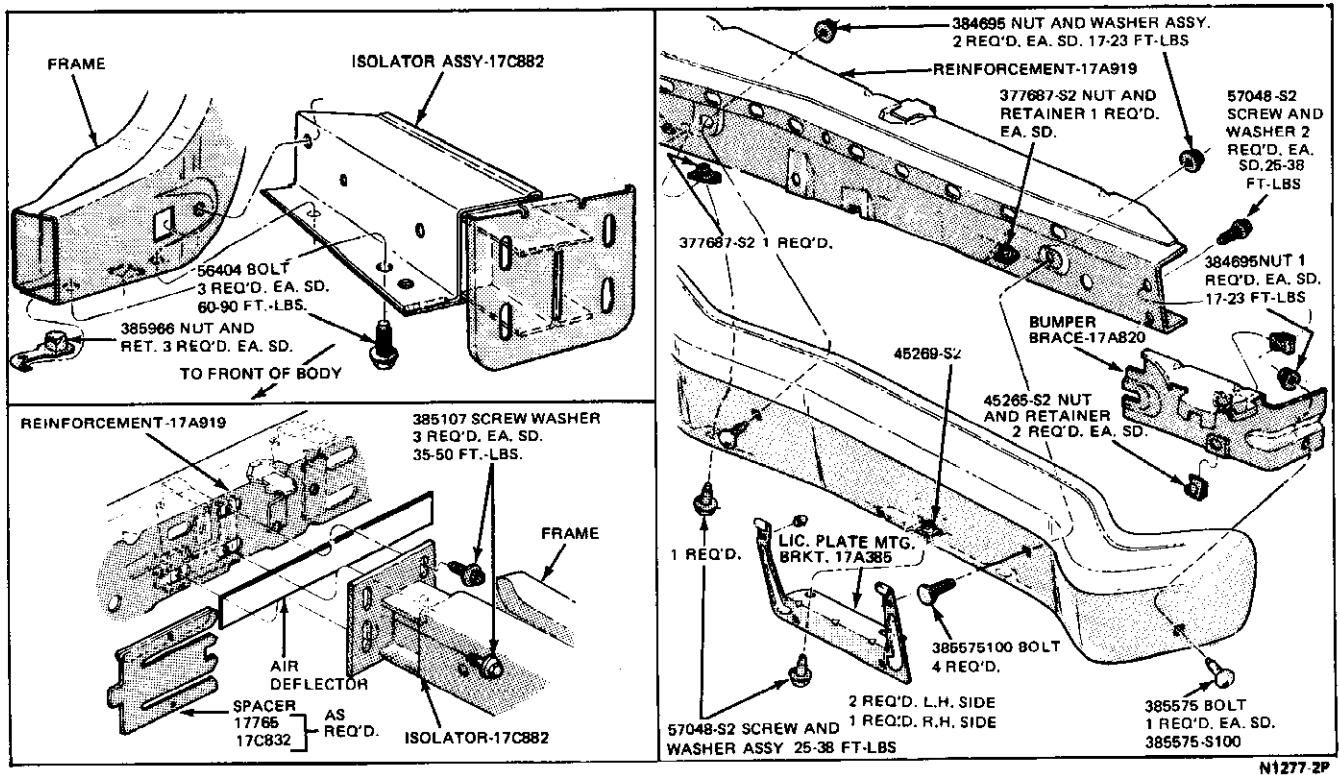
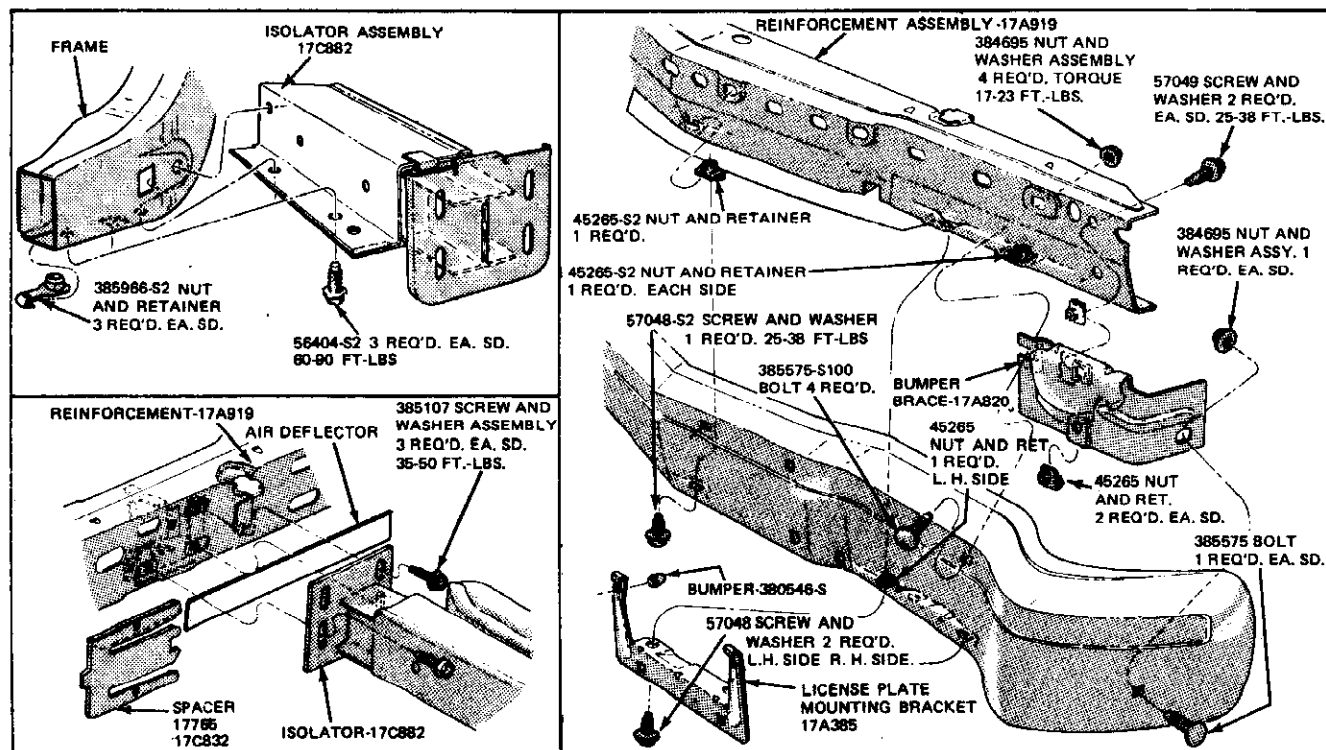


FIG. 4 Front Bumper Installation—Ford MERCURY

Removal

1. Remove six isolator-to-bumper reinforcement bolts and remove the bumper assembly (Fig. 5).
2. Remove bumper assembly from vehicle.
3. Remove the bumper guards (two nuts per side).
4. Remove the license plate and bracket assembly.
5. Remove the reinforcement from the bumper (Fig. 5) (18 bolts and 6 nuts).



N1751-2J

FIG. 5 Front Bumper Installation—Mercury

6. Remove the pad assemblies from the bumper (if so equipped).

Installation

Remember to replace the spacers between the bumper reinforcement and isolator mounting face (if so equipped).

1. Install license plate and bracket and three bumper pads, if so equipped. Install reinforcement assembly to bumper. Torque nuts to 17-23 ft-lbs and nuts to 25-38 ft-lbs.
2. Install the bumper guards.
3. Install the pad assemblies to the bumper (if so equipped).
4. Position the bumper assembly to the vehicle, replace spacers, and install the attaching bolts snug. Install front air deflector with 12 screws.
5. Adjust the bumper height so that the distance from the top edge to the ground meets the specifications in Fig. 6. Then, adjust the bumper for body clearance at the centerline of the parking lamp so that the vertical and horizontal body to bumper dimensions meet the specifications in Fig. 6. Tighten the isolator-to-reinforcement bolts to 35-50 ft-lbs torque.

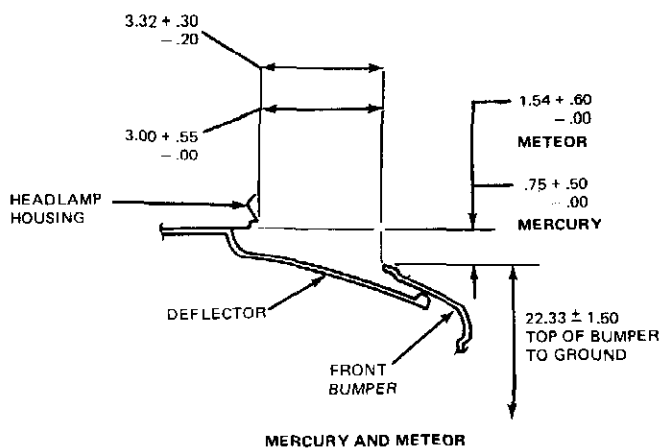
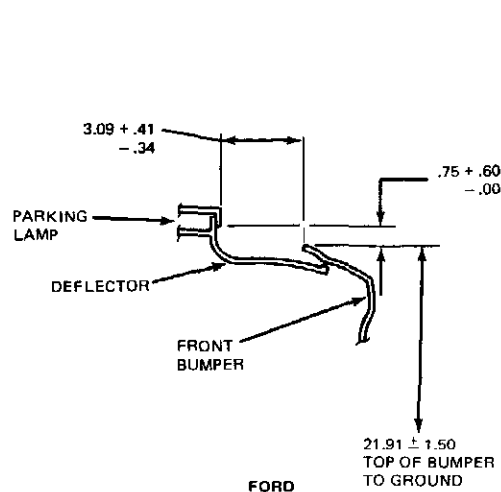
REAR BUMPER**FORD EXCEPT STATION WAGON****Removal**

1. Open the luggage compartment and disconnect the license light wire at the connector.

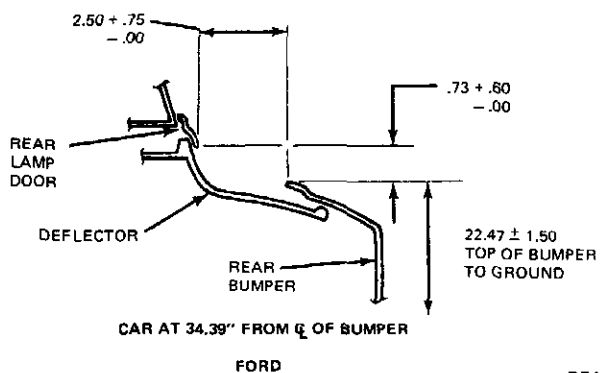
2. Remove three bolts (each side) attaching the reinforcement to the isolator and remove the bumper assembly (Fig. 7).
3. Remove license plate, bracket assembly and shield (2 bolts, 1 screw).
4. Remove ten bolts and four nuts and remove the reinforcement assembly (Fig. 7).
5. Remove the bumper guards (4 bolts).
NOTE: The bumper pads attaching tabs will be destroyed upon removal.
6. Transfer the license plate and bracket assembly to a new bumper if the bumper is to be replaced.

Installation

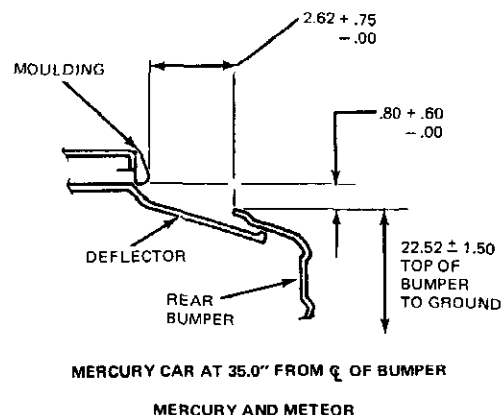
1. Install the three new pads and bumper guards (four bolts to 25-38 ft-lbs) to the bumper, if so equipped.
2. Install the reinforcement to the bumper assembly (ten bolts to 25-38 ft-lbs and four nuts to 17-23 ft-lbs).
3. Install license plate and bracket.
4. Position the bumper assembly to the isolators and install the attaching bolts snug (Fig. 7). Replace spacers and bumper bracket to reinforcement-to-isolator (if so equipped).
5. Adjust the bumper height so that the distance from the top edge to the ground meets the specifications in Fig. 6. Then, adjust the bumper for body clearance at the centerline of the tail lamp, so that the vertical and horizontal body to bumper dimensions meet the specifications in Fig. 6. Tighten



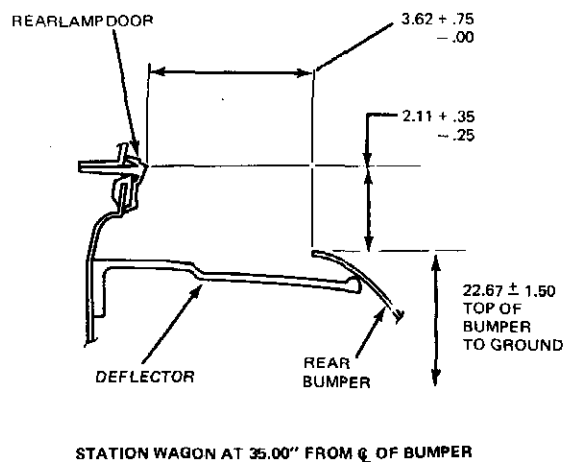
FRONT BUMPER



REAR BUMPER (SEDAN)



REAR BUMPER (SEDAN)



REAR BUMPER (STATION WAGON)

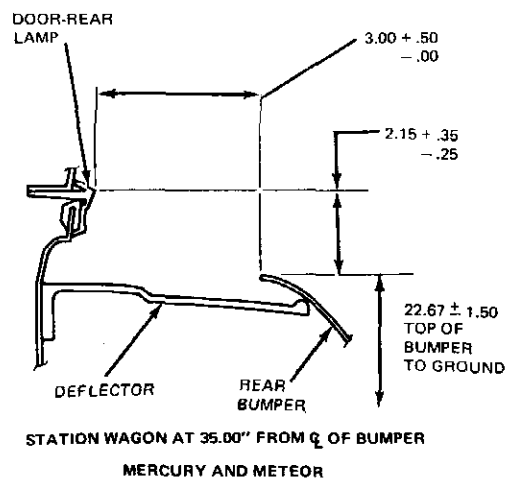
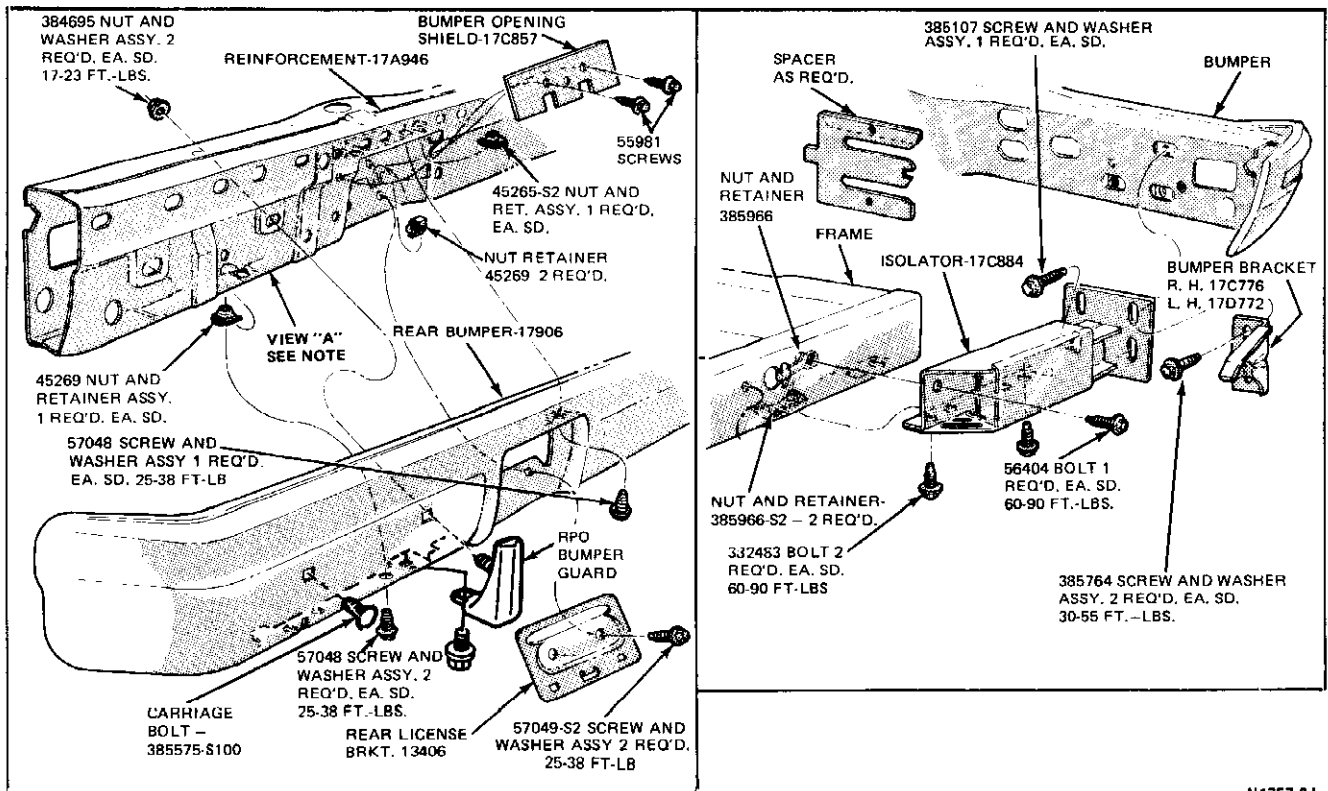


FIG. 6 Bumper Adjustment Specifications—Ford, Mercury



N1757-2J

FIG. 7 Rear Bumper Installation—Ford Except Station Wagon

the isolator- to-reinforcement bolts to 35-50 ft-lbs torque.

6. Connect the license light wire to the connector.

MERCURY EXCEPT STATION WAGON**Removal**

1. Disconnect the license light wire from the connector and push the wire and grommet through the lower panel.
2. Remove three bolts (each side) attaching the reinforcement to the isolator and remove the bumper assembly (Fig. 8).
3. Remove the license plate and bracket assembly and shield (2 bolts, 1 screw).
4. Remove six bumper-to-reinforcement bolts and four nuts.
5. Remove the bumper guards (four bolts) and separate the bumper assembly from the reinforcement.

Installation

1. Install the pads and bumper guards to the bumper. Install the retaining nuts to the reinforcement. Assemble the bumper to the reinforcement with the attaching bolts.
2. Install the license plate bracket, license plate and shield to the bumper.
3. Position the bumper assembly to the vehicle and install the isolator- to-reinforcement bolts snug. Replace spacers between reinforcement and isolator face plate (if so equipped).

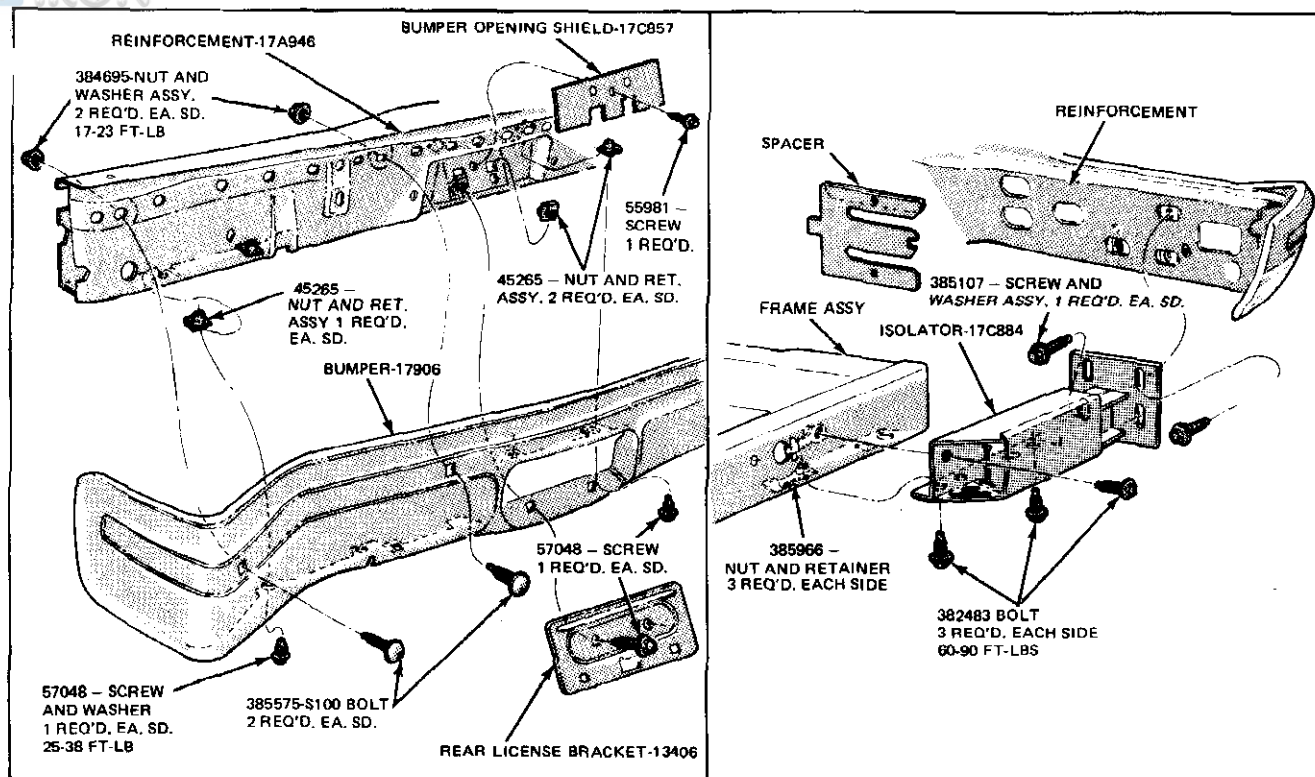
4. Adjust the bumper height so that the distance from the top edge to the ground meets the specifications in Fig. 6. Then, adjust the bumper for body clearance at the centerline the tail lamp, so that the vertical and horizontal body to bumper dimensions meet the specifications in Fig. 6. Tighten the isolator- to-reinforcement bolts to 35-50 ft-lbs torque.
5. Position the license plate wire through the lower panel, seat the grommet and connect the wire to the connector.

FORD AND MERCURY STATION WAGON**Removal**

1. Open the tailgate, disconnect the license lights at the connectors and push the grommets and wires through the lower panel and remove the license lights.
2. Remove the license plate and shield from the bumper.
3. Remove three bolts attaching the bumper assembly to the isolators, and remove the bumper (Fig. 9).
4. Remove nine bolts and five nuts, bumper-to-reinforcement (Fig. 9).
5. Remove the bumper guards.
6. Transfer the bumper bolts and retainers and license bracket to a new bumper if the bumper is to be replaced.

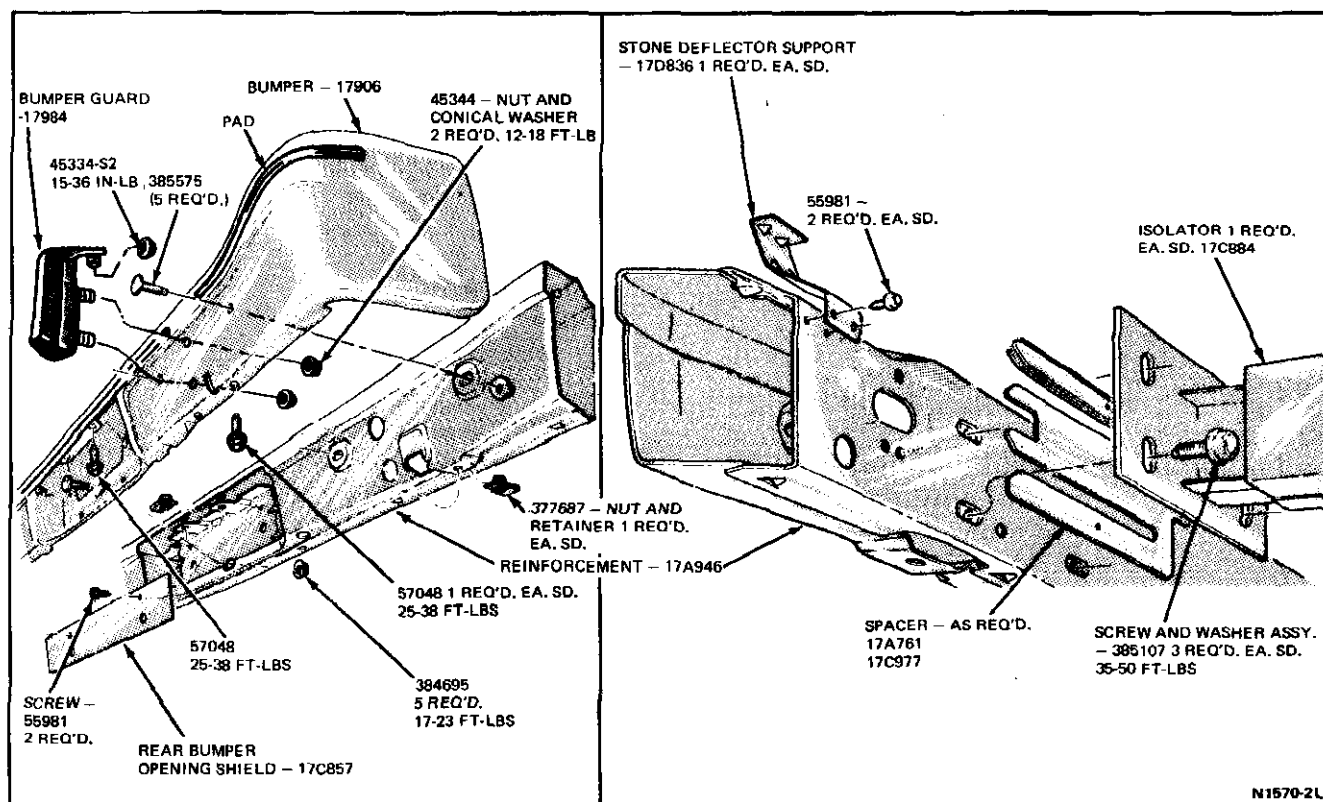
Installation

1. Install four new pads and the bumper guards to the bumper if so equipped.



N1568-2L

FIG. 8 Rear Bumper Installation—Mercury Except Station Wagon



N1570-2L

FIG. 9 Rear Bumper Installation—Ford and Mercury Station Wagon

2. Position the reinforcement to the bumper and install the attaching bolts (25-30 ft-lbs) and nuts (17-23 ft-lbs) (Fig. 9).
3. Install shield, license plate and bracket assembly.
4. Position the bumper assembly to the vehicle and install the isolator-to-reinforcement bolts snug.

Replace the spacers between reinforcement and isolator face plate (if so equipped).

5. Adjust the bumper height so that the distance from the top edge to the ground meets the specifications in Fig. 6. Then, adjust the bumper for body clearance at the centerline of the tail lamp, so that the vertical and horizontal body to bumper dimensions meet the specifications in Fig. 6. Tighten the isolator-to-reinforcement bolts to 35-50 ft-lbs torque.
6. Install the license lights, position the wires through the lower panel, seat the grommets and connect the wires to the connectors.

EXTERIOR MOULDINGS

Before removing the exterior mouldings, it should be determined by the type of retainer used whether a respective door, quarter or luggage compartment trim panel must first be removed to provide access (Figs. 10 through 18). If a weld stud is distorted or broken off, it should be replaced with an oval head blind rivet (Part No. 383229-S).

FRAME DIMENSIONS

The Ford and Mercury sedan and station wagon frame dimensions are shown in Figs. 19 and 20. The frame checking and repair procedures are given in Part 47-01.

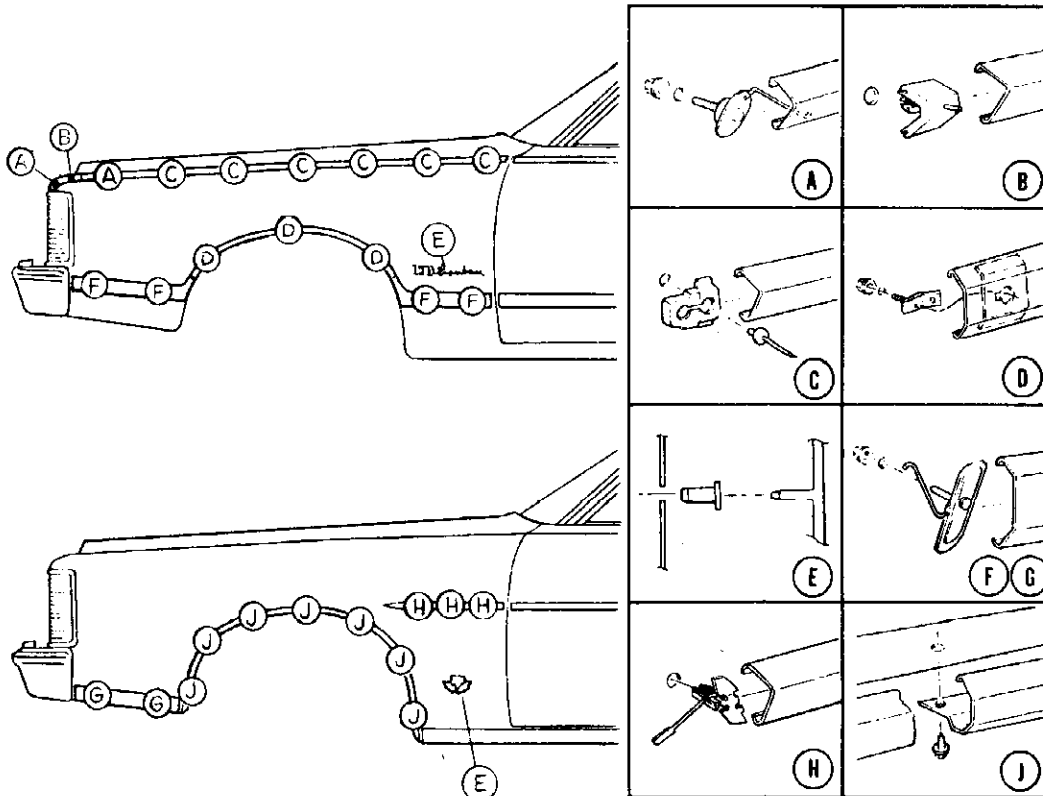
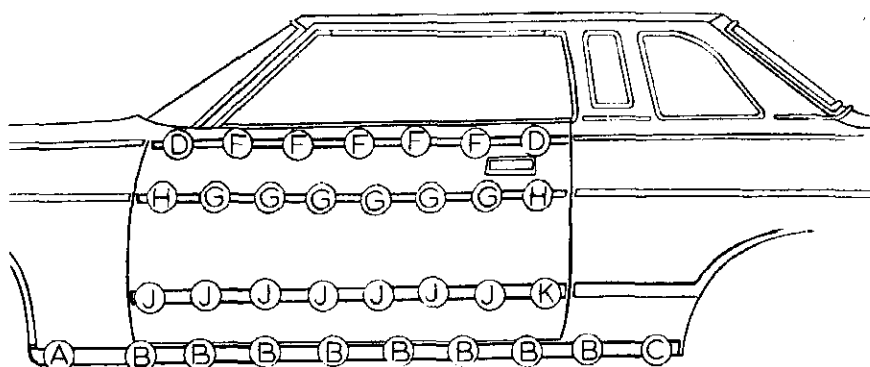
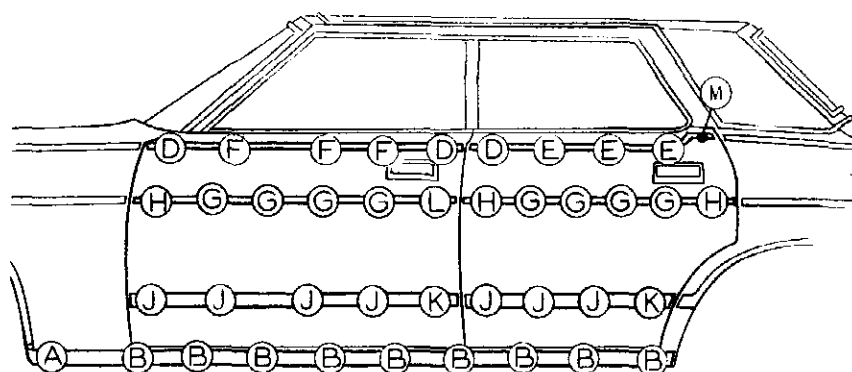


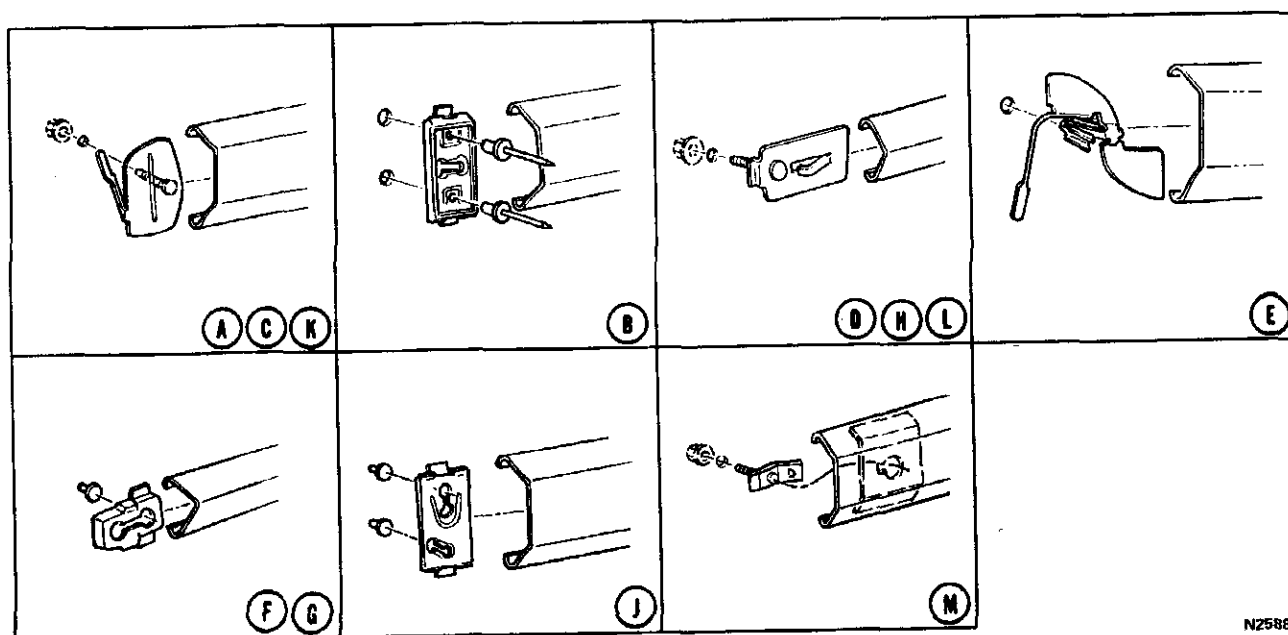
FIG. 10 Exterior Side Moulding Installation—Ford



2 DOOR



4-DOOR AND STATION WAGON



N2588-2A

FIG. 11 Exterior Side Moulding Installation—Ford

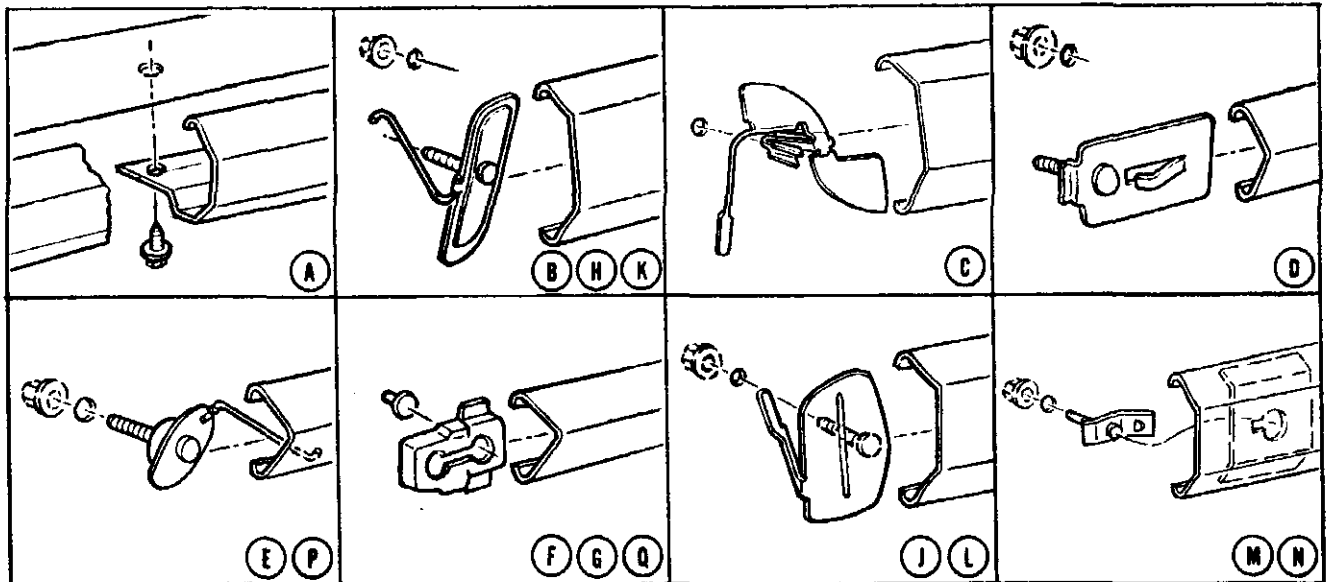
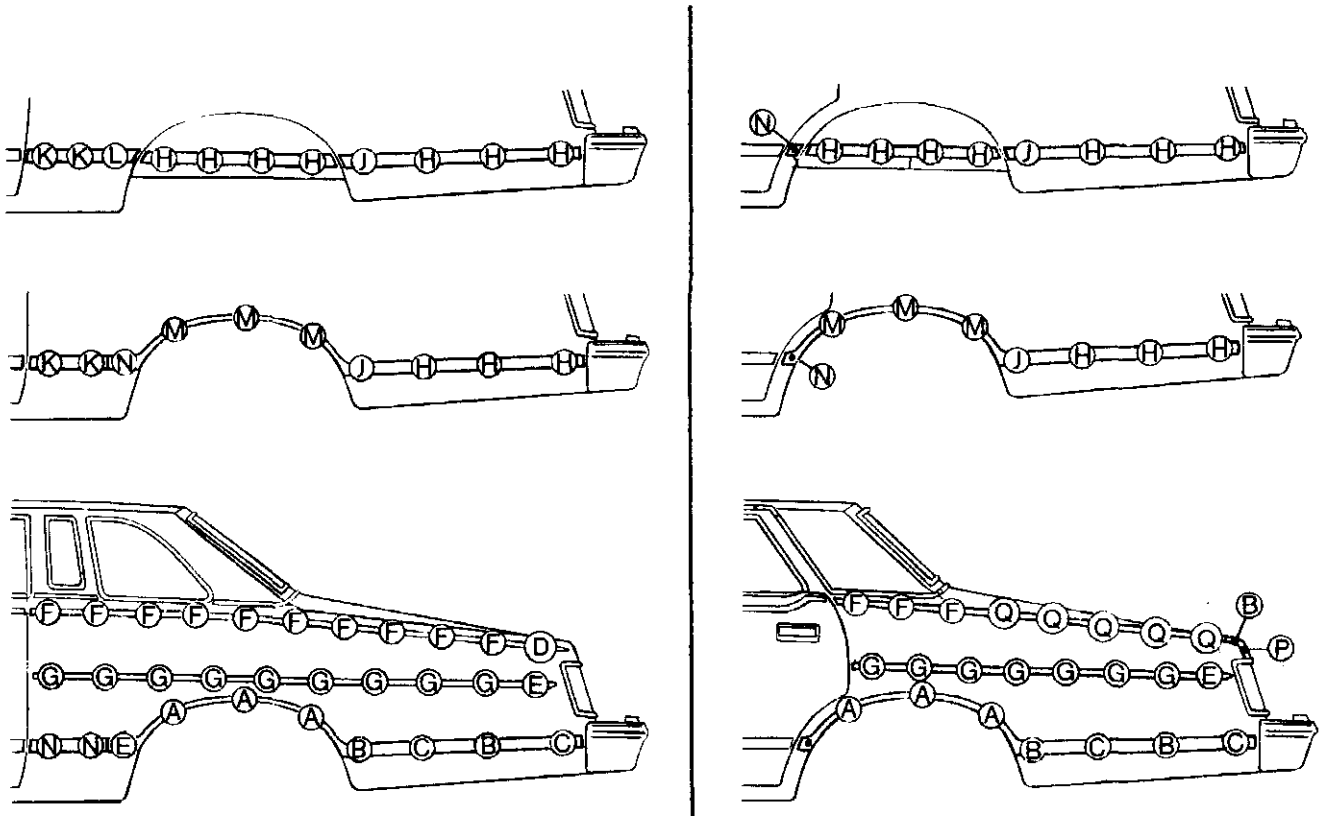


FIG. 12 Exterior Moulding Installation—Ford

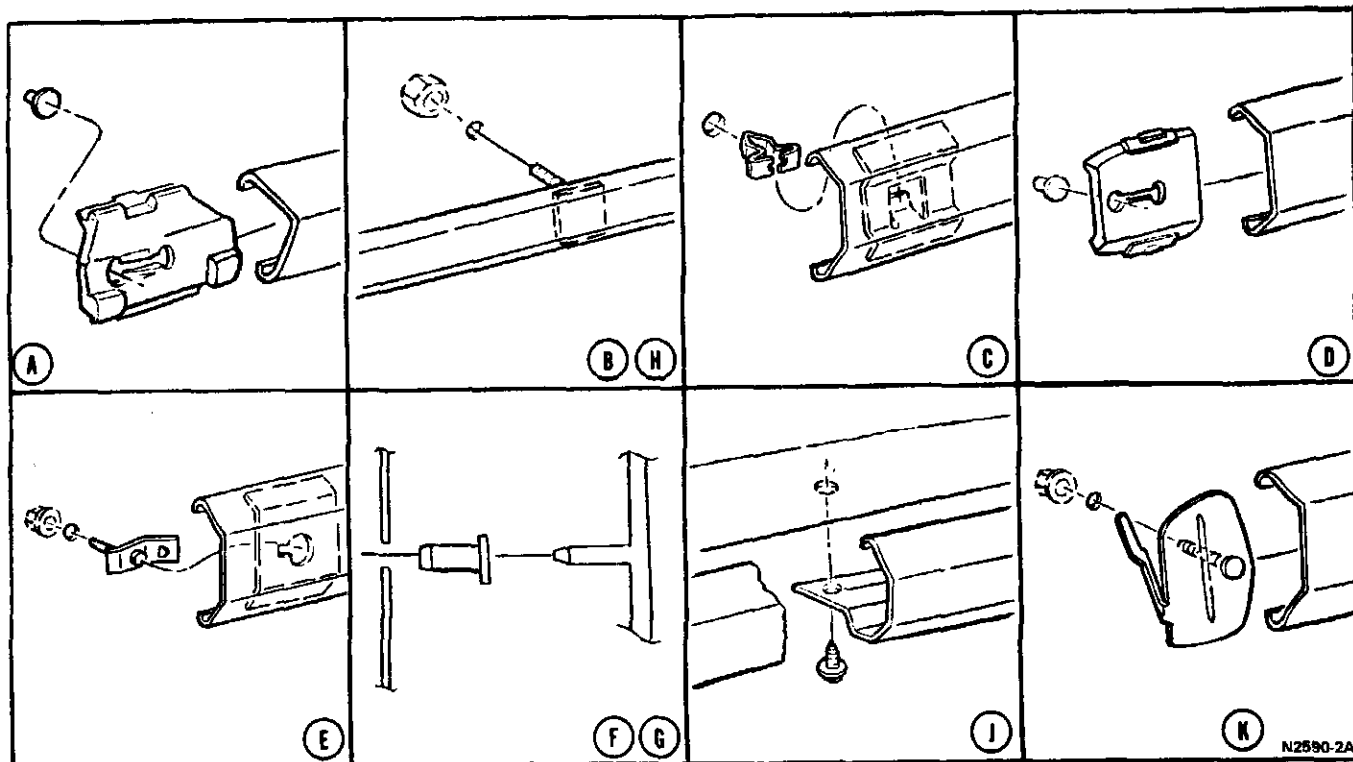
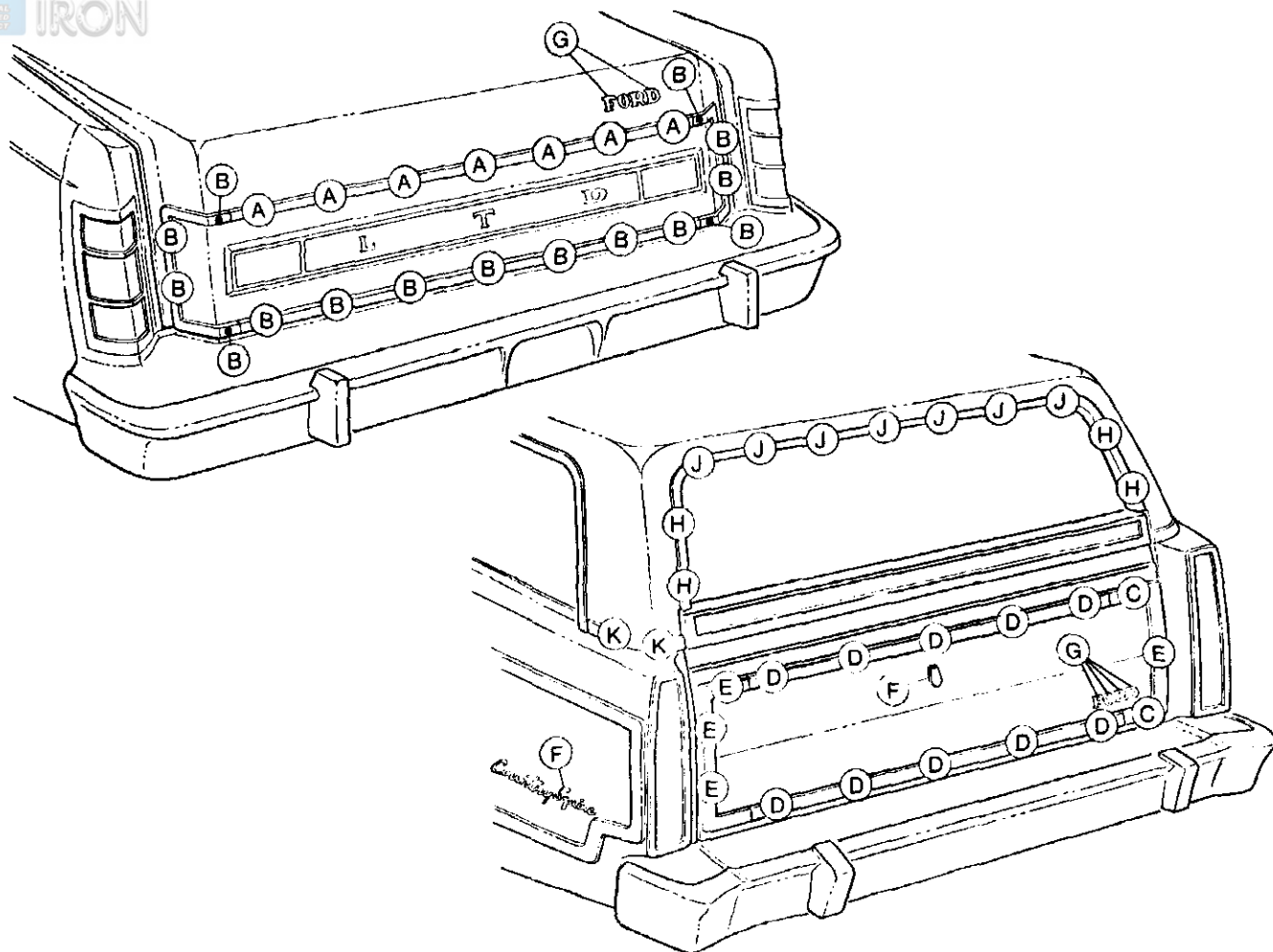
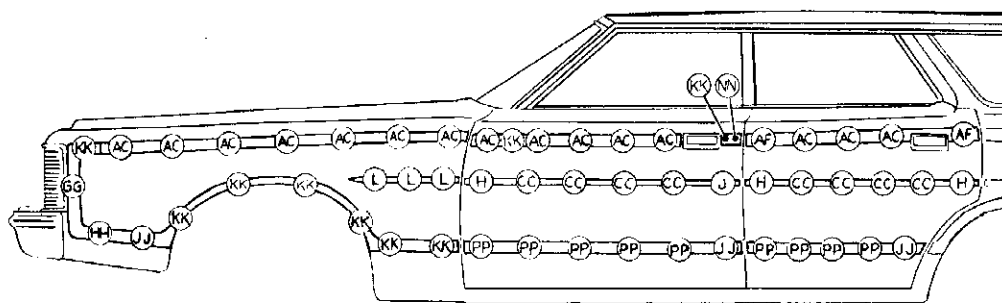
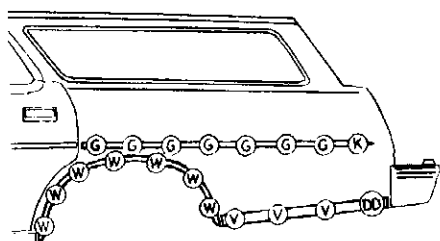
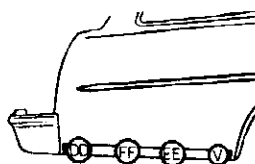
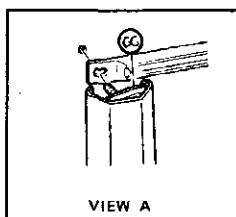


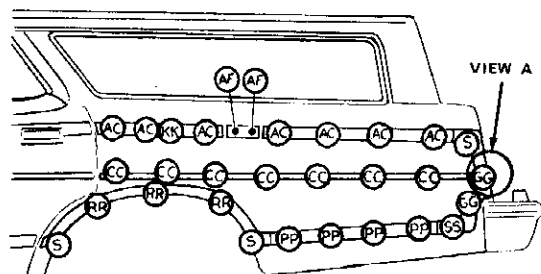
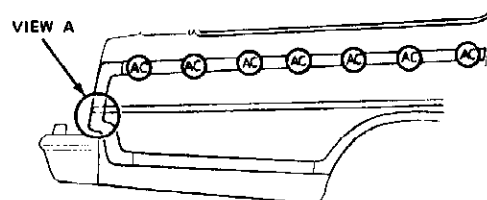
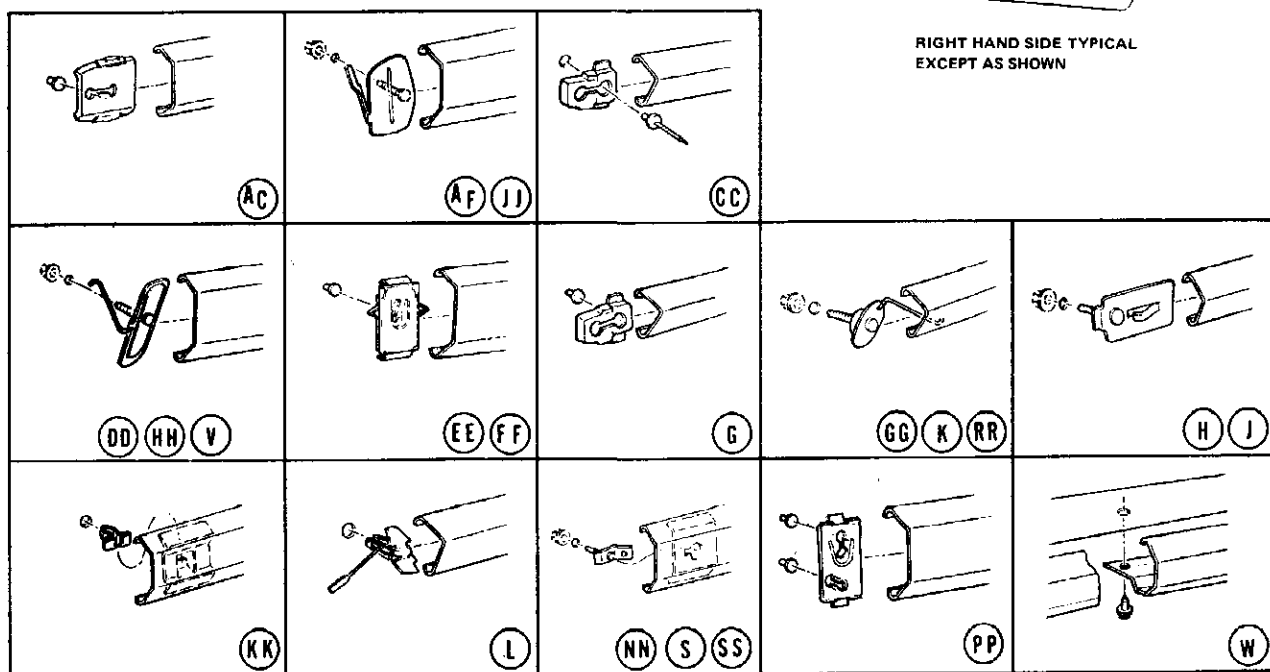
FIG. 13 Rear Moulding Installation—Ford



FRONT STATION WAGON-TYPICAL

REAR SQUIRE STATION WAGON
LEFT HAND SIDE SHOWNRIGHT HAND SIDE
TYPICAL EXCEPT AS
SHOWN

VIEW A

REAR CUSTOM AND LTD STATION WAGON
LEFT HAND SIDE SHOWNRIGHT HAND SIDE TYPICAL
EXCEPT AS SHOWN

N2502-28

FIG. 14 Exterior Side Mouldings—Ford Station Wagon

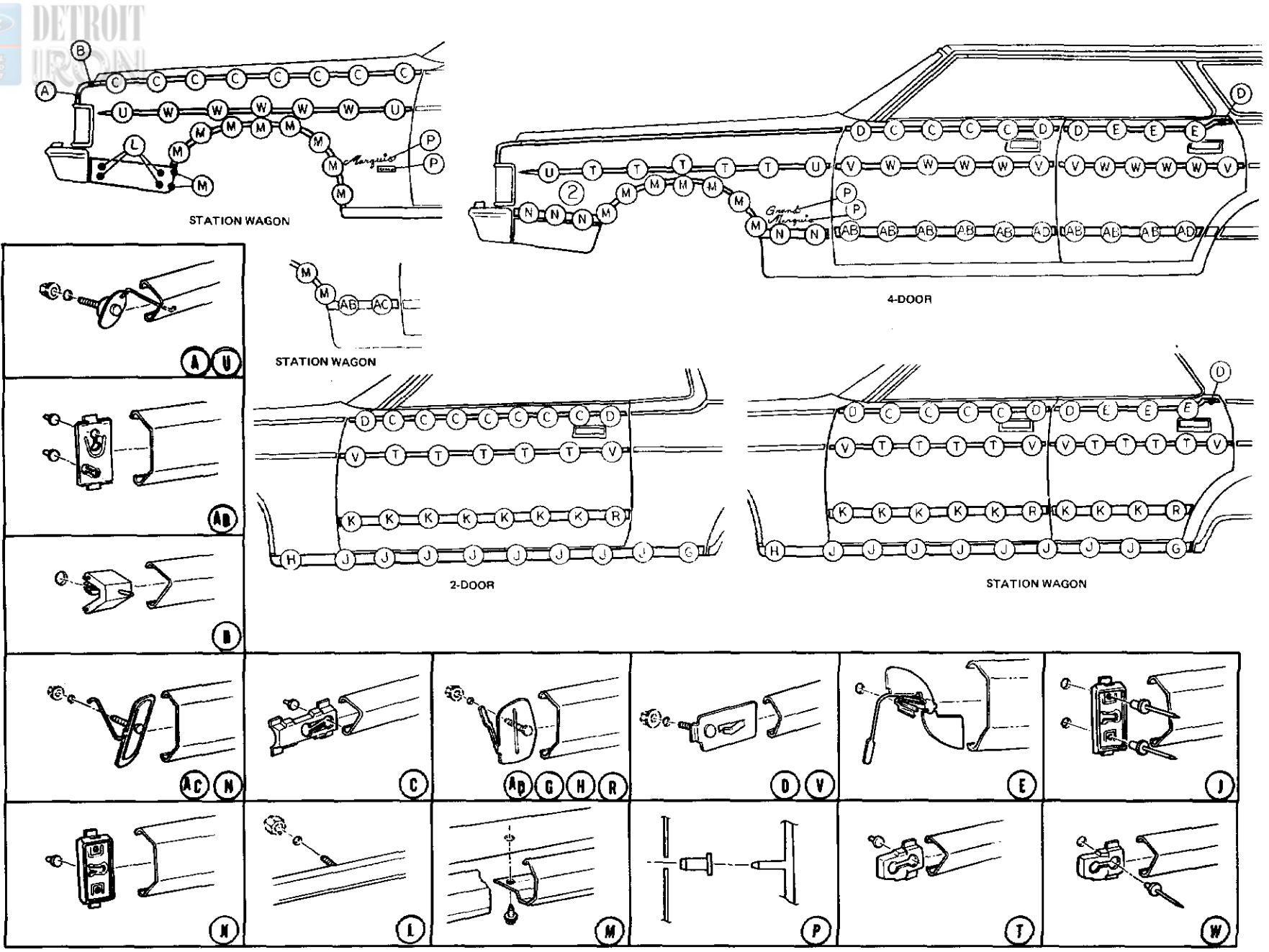


FIG. 15 Exterior Side Moulding Installation—Mercury

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N1472-2J

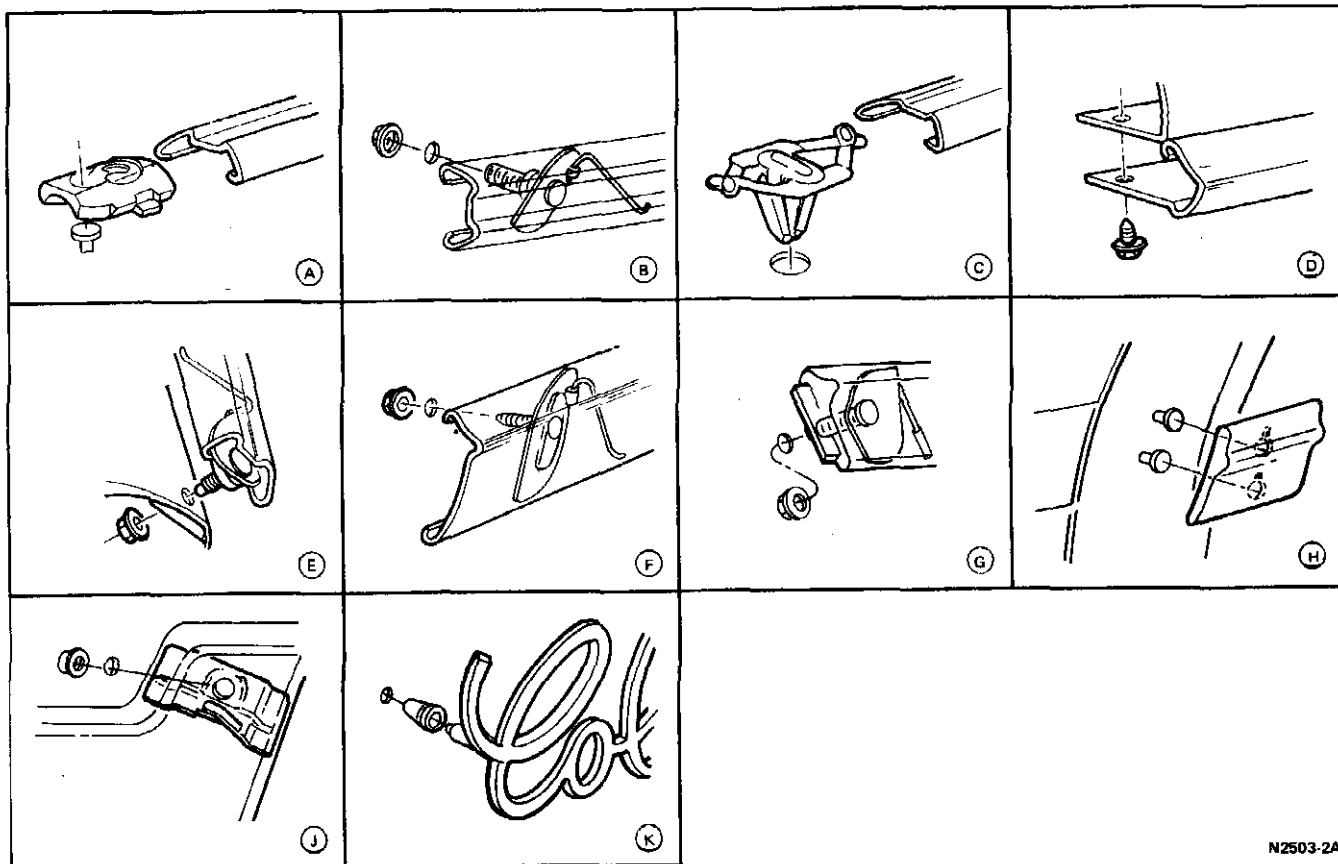
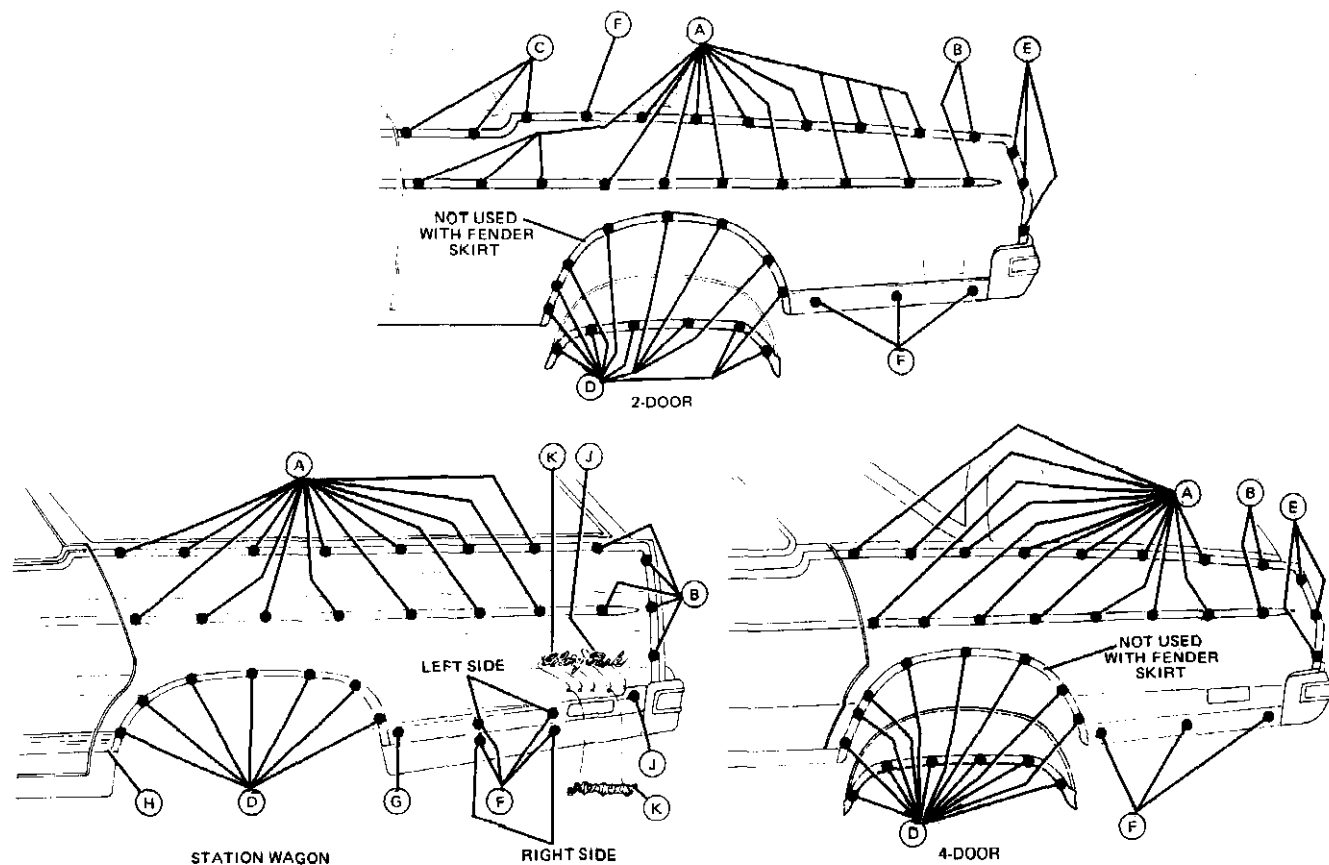
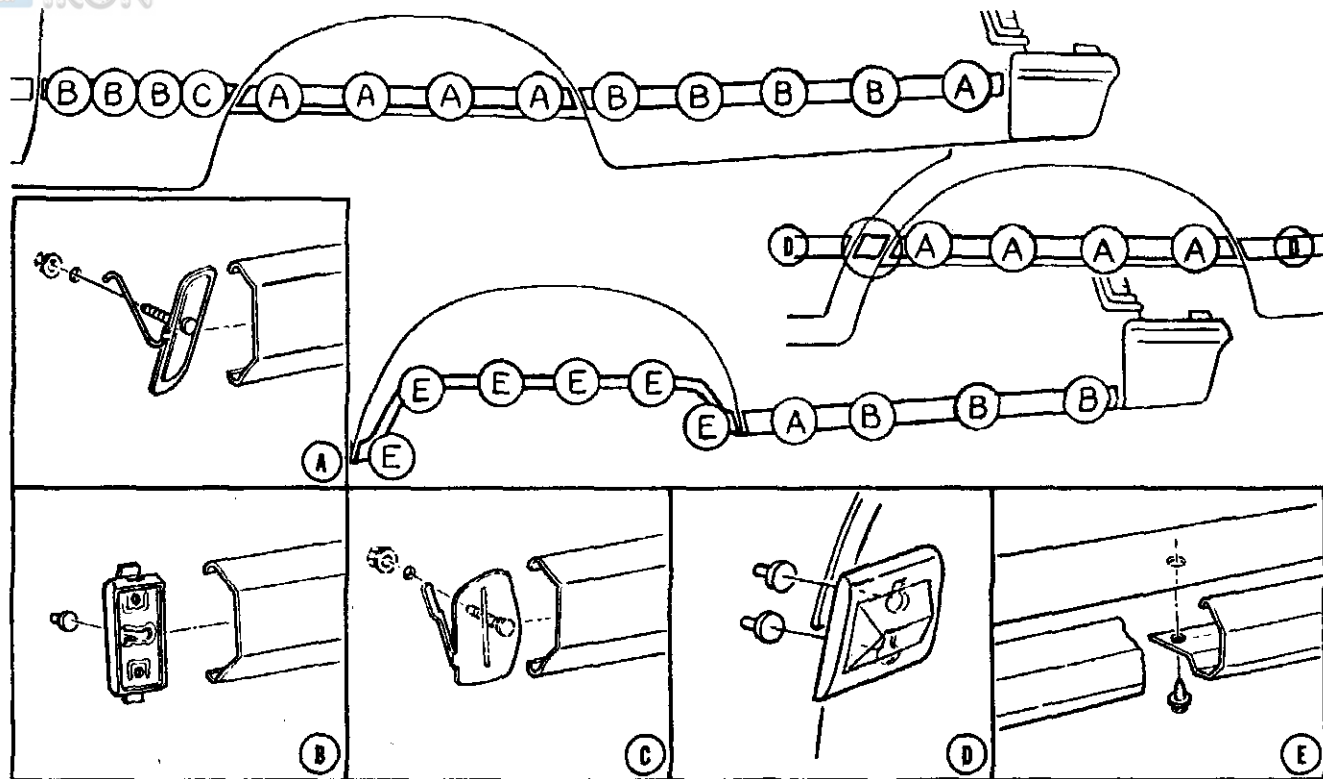
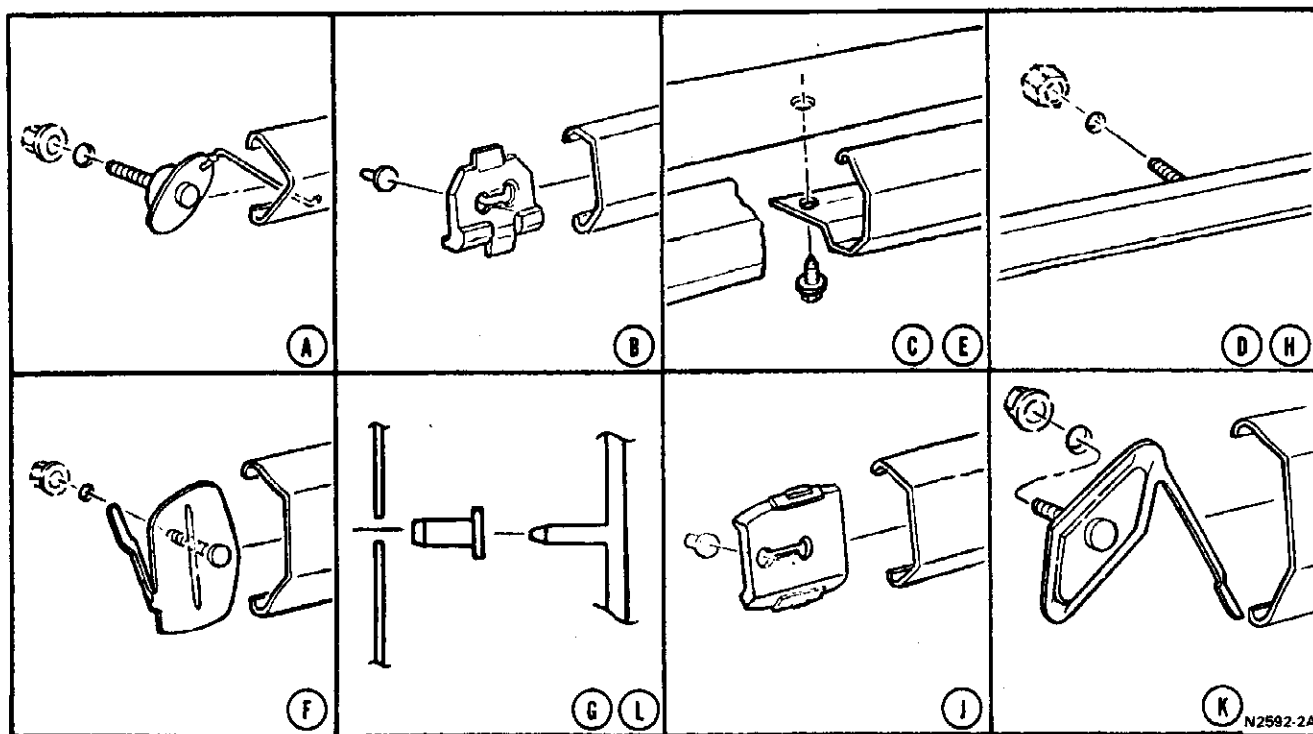
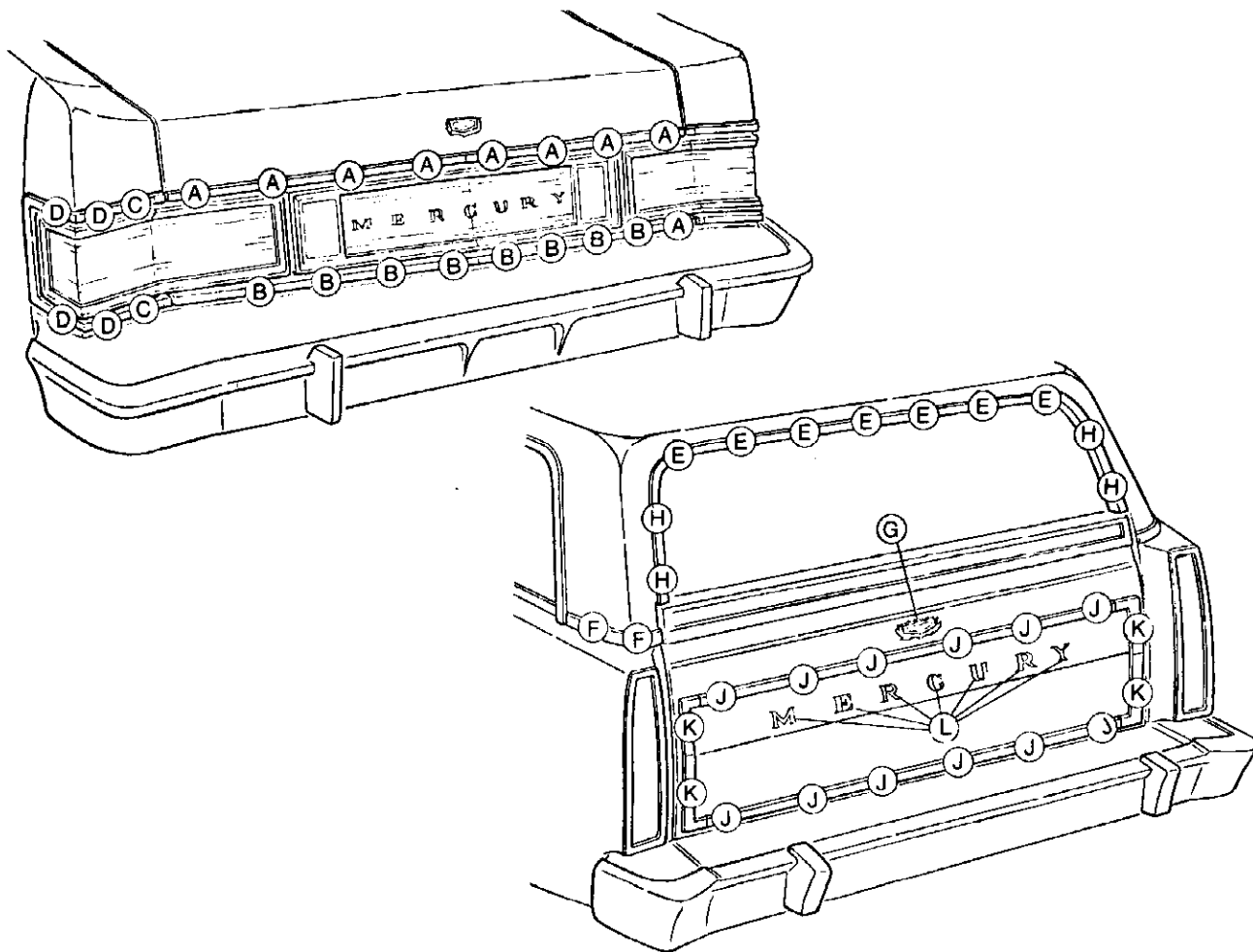


FIG. 16 Exterior Rear Side Moulding Installation—Mercury



N2581-2B

FIG. 17 Optional Exterior Side Moulding Installation—Mercury (with Fender Skirts)



N2592-2A

FIG. 18 Exterior Rear Ornamentation—Mercury



DETROIT
IRON

FRAME AND BODY MOUNTS FORD & MERCURY SEDAN

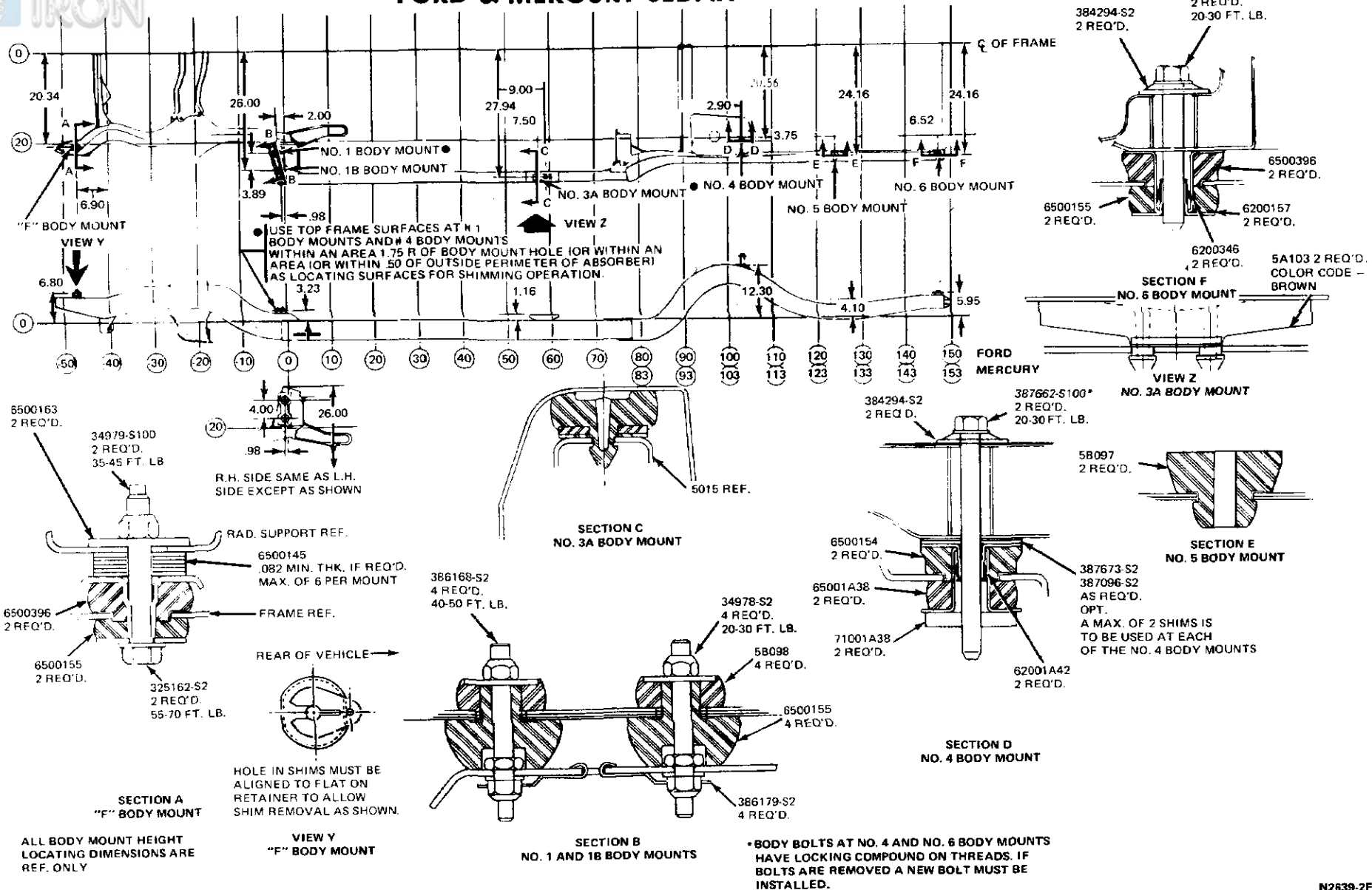


FIG. 19 Frame Dimensions—Ford and Mercury—Sedan

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LTD II, Cougar and LTD II Ranchero

**PART
47-06**

SUBJECT	PAGE	SUBJECT	PAGE
REMOVAL AND INSTALLATION		REMOVAL AND INSTALLATION (Cont'd.)	
Exterior Mouldings	06-4	Rear Bumper	06-2
Frame Dimensions	06-4		
Front Bumper	06-2	Underbody Dimensions	06-4
Radiator Grille and Headlamp Door	06-1		

CN4028-2B

REMOVAL AND INSTALLATION

RADIATOR GRILLE AND HEADLAMP DOOR

LTD II and LTD II Ranchero

Removal

1. Remove screws attaching each headlamp door, lean forward to disengage from locating pins and lift away from the grille panels (Fig. 1).
2. Remove seven grille retaining screws, and remove the grille assembly (Fig. 1).

Installation

1. If the grille is to be replaced, transfer the emblem to the new grille. Place 7 retaining nuts on tabs provided.

2. Position the grille assembly to the vehicle and install the seven grille retaining nuts and screws.
3. To install headlamp door, lean top edge forward and engage bottom locating pins in holes provided in grille opening panel. Rotate rearward, position door against plastic nuts and install two screws.

COUGAR

Removal

1. To remove grille, open the hood and detach the six nut and washer assemblies that attach it to the grille opening panel (Fig. 2).

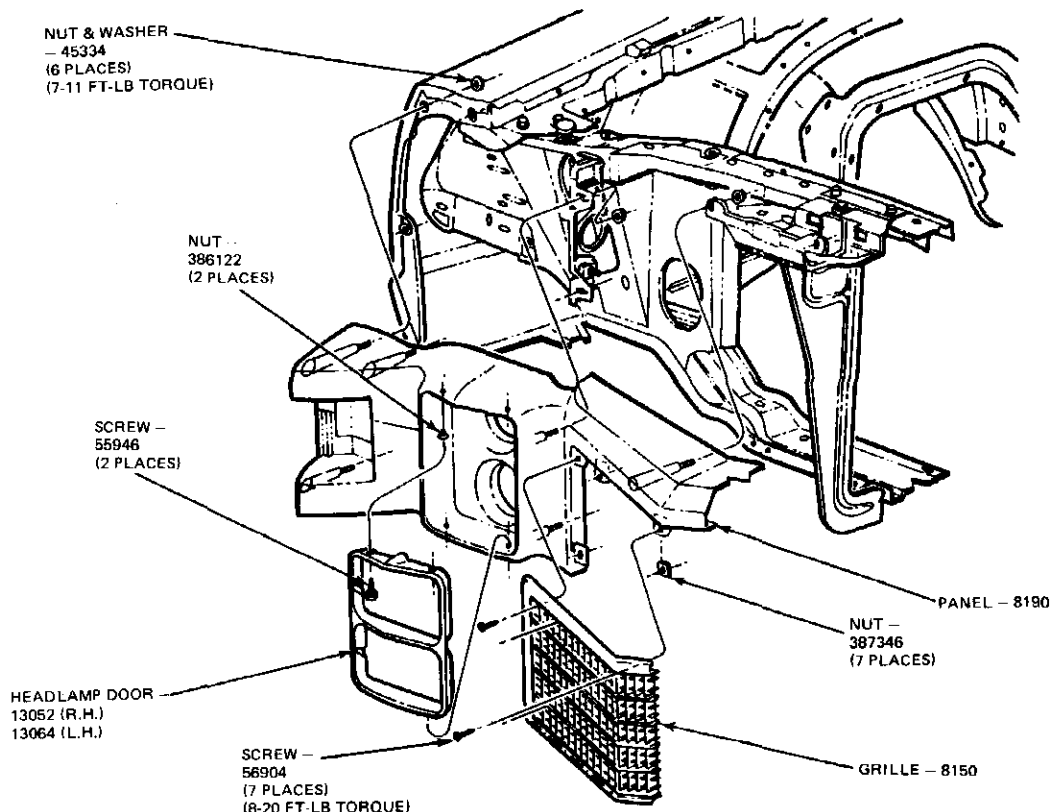


FIG. 1 Radiator Grille—LTD II and LTD II Ranchero

N1784-2G

2. To remove headlamp doors, unscrew the eight attaching screws and lift from grille opening panel (Fig. 2).
3. To remove grille opening panel, open hood and detach the 12 nut and washer assemblies (Fig. 2). Lift the panel away. The panel may be removed with the headlamp doors and grille attached.

Installation

1. Locate studs on grille opening panel with appropriate holes and 'set' into place. Attach nut and washer assemblies and torque to 4 to 6 ft-lbs.
2. Install headlamp doors with eight screws each.
3. Locate studs on grille with appropriate holes in grille opening panel. 'Set' studs into place and install nut and washer assemblies with 4-6 ft-lbs torque.

Hood Ornament

See Fig. 3 for installation procedure for LTD II and Cougar (all models).

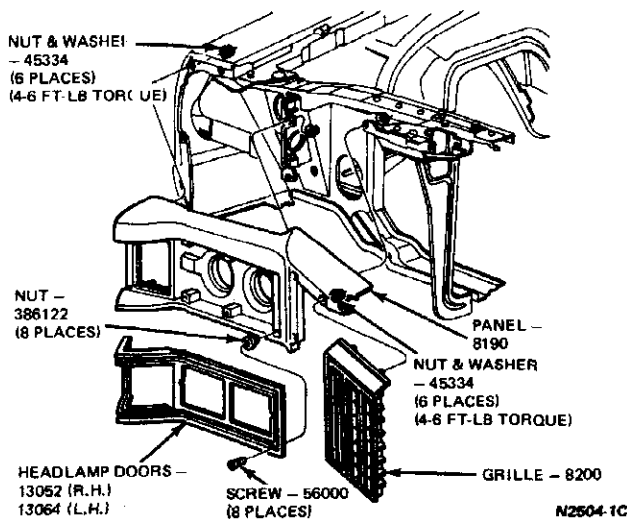


FIG. 2 Radiator Grille—Cougar

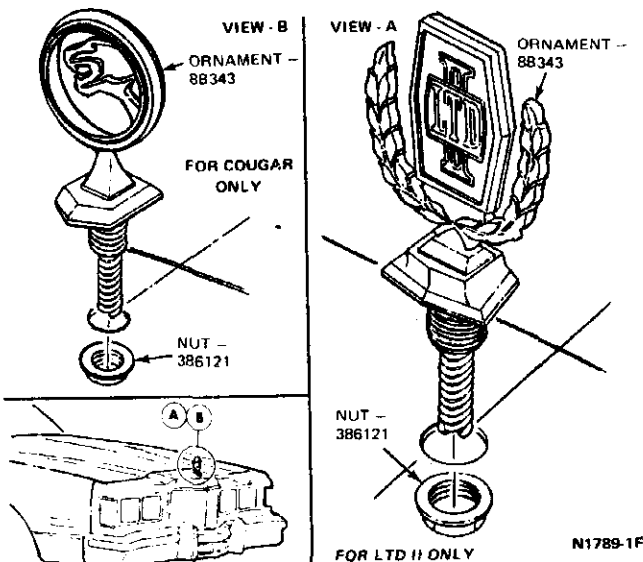


FIG. 3 Ornament Assemblies—Cougar and LTD II (all models)

FRONT BUMPER

LTD II and Cougar

Removal

1. Remove three bolts attaching the bumper reinforcement to each isolator, and remove the bumper assembly from the vehicle (Fig. 4).
2. Remove three screws attaching the stone deflector to the reinforcement, and remove the stone deflector.
3. Remove the stone deflector insulator(s) (Figs. 5 and 6).
4. Remove the reinforcement, end braces and license plate mounting bracket from the bumper.
5. Remove the bumper guards (4 bolts), and the pads from the bumper.

NOTE: The bumper pad attaching tabs may be destroyed upon removal, if so equipped. Damage will be avoided by squeezing the retaining tabs with pliers until tabs can be pushed through holes in bumper.

Installation

1. Install the bumper guards on the bumper.
2. Position the pads to the bumper and push firmly at each attachment until seated.
3. Install the reinforcement, end braces and license plate mounting bracket on the bumper. Tighten bolts and nuts to specified torque.
4. Install the front stone deflector insulator(s) (Figs. 5 and 6).
5. Install the stone deflector on the reinforcement.
6. Position the bumper assembly and shims to the isolators, and install the attaching bolts.
7. Adjust the bumper height so that the distance from the top edge to the ground meets the specifications in Figs. 7 and 8. Then, adjust the bumper for body clearance so that the vertical and horizontal body to bumper dimensions meet the specifications in Figs. 7 and 8. Tighten the isolator-to-reinforcement bolts to 35-50 ft-lbs torque.
8. Lift up on the end deflector(s) and install two-way tape. Then press down on the end deflector(s) to achieve a flush fit.

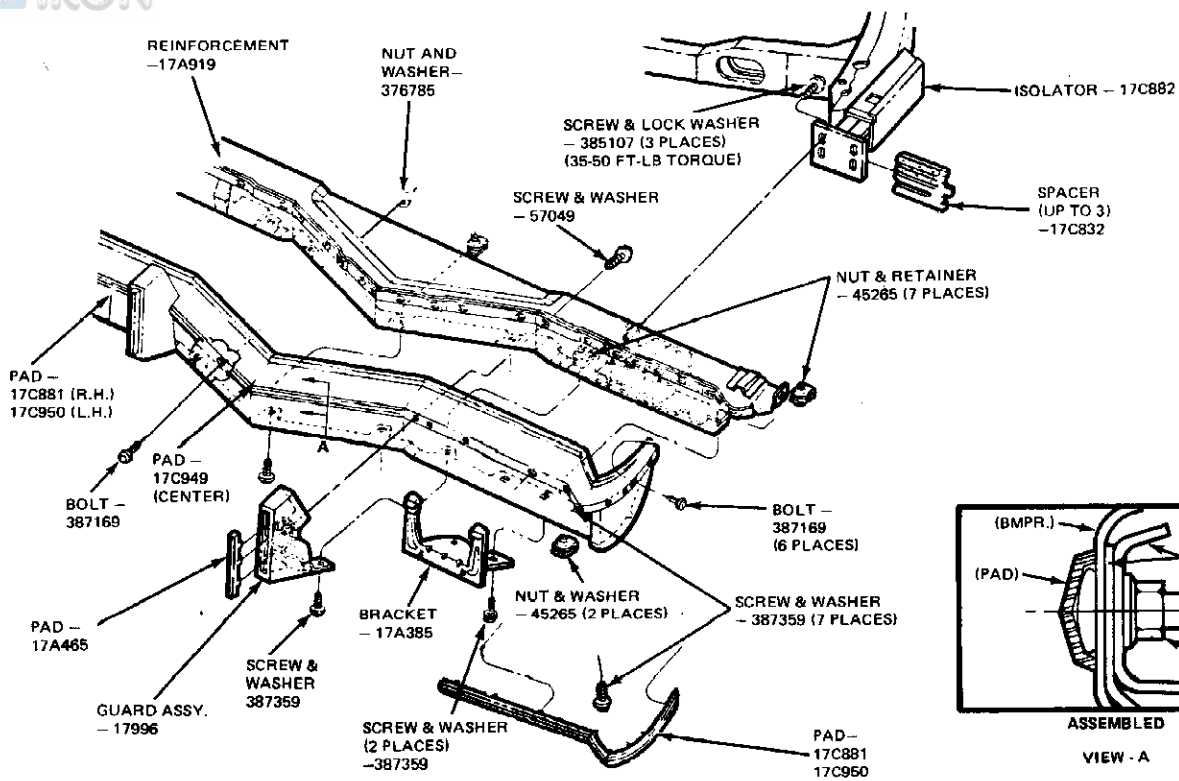
REAR BUMPER

All Models Except Ranchero

1. Disconnect the license lamp wires at the connector. Push the grommet out of the lower back panel on sedan models.
2. Remove the reinforcement, end brackets and license bracket (Sedan only) from bumper (Fig. 9).

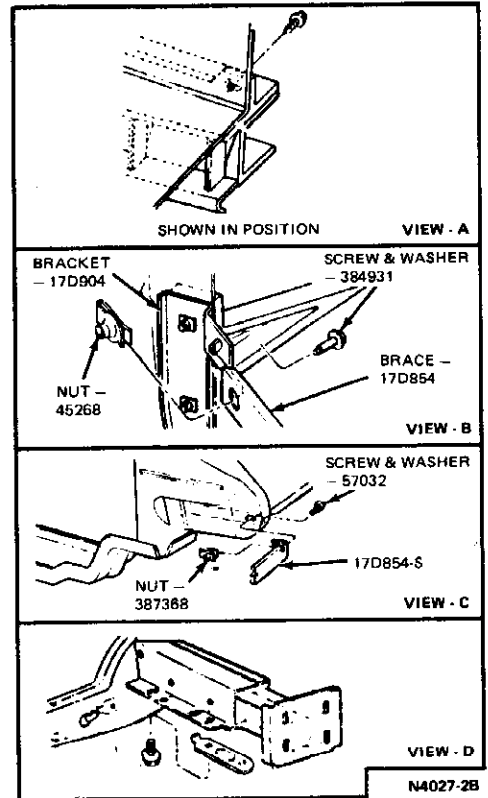
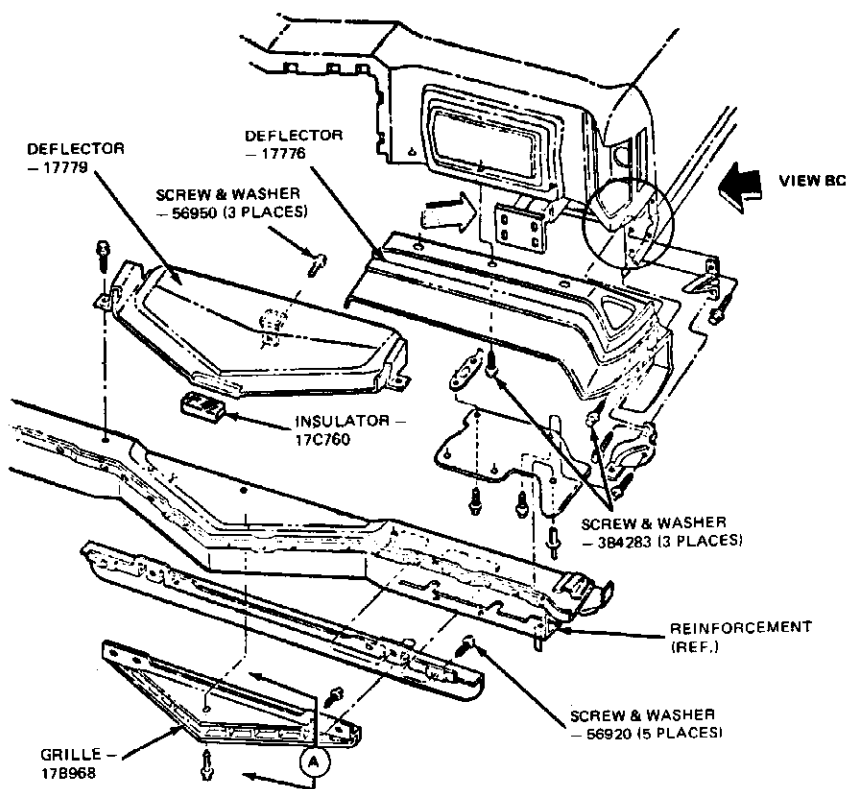
NOTE: The bumper pad attaching tabs may be destroyed upon removal if so equipped. Damage will be avoided by squeezing the retaining tabs with pliers until tabs can be pushed through holes in bumper.

3. If the bumper is to be replaced, transfer the bumper guards, pads and license plate lamp to the new bumper.



N4026-2B

FIG. 4 Front Bumper—LTD II and Cougar



N4027-2B

FIG. 5 Front Stone Deflector—Cougar

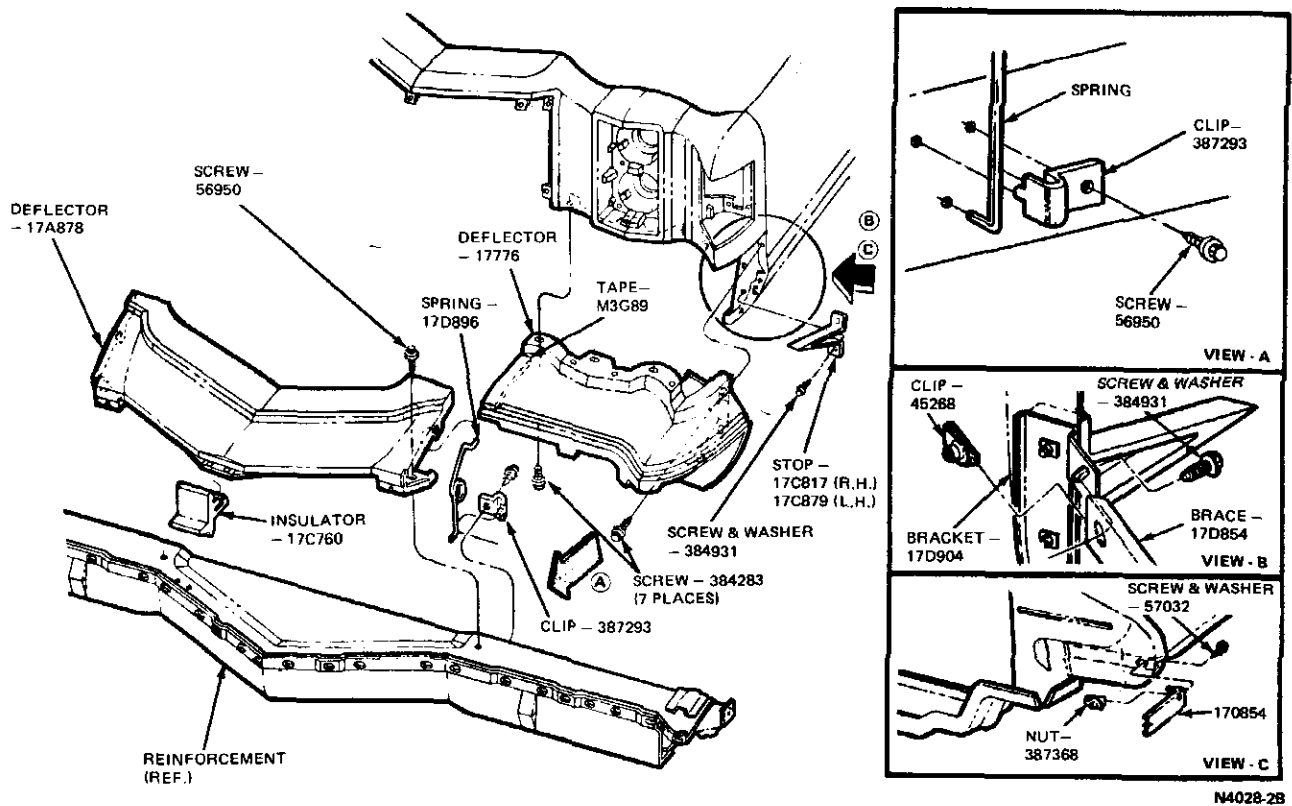


FIG. 6 Front Stone Deflector—LTD II

4. Install the reinforcement, end brackets and license bracket (Sedan only) on the bumper.
5. Position the bumper assembly and spacers to the isolators, and install the attaching bolts.
6. Adjust the bumper height so that the distance from the top edge to the ground meets the specifications in Figs. 7 and 8. Then, adjust the bumper for body clearance at the centerline of the tail lamp so that the vertical and horizontal body to bumper dimensions meet the specifications in Figs. 7 and 8. Tighten the isolator-to-reinforcement bolts to 35-50 ft-lbs torque.
7. Connect the license lamp wire. Seat the wire grommet in the lower back panel on sedan models.

Ranchero

1. Disconnect the license plate lamp at the connectors and remove the lamp from the bumper.
2. Remove the bolts attaching the bumper arms to the frame rails and remove the bumper (Fig. 10).
3. If the bumper is to be replaced, transfer all parts to the new bumper.
4. To install, position the bumper assembly to the vehicle frame and install the attaching bolts finger tight.

5. Adjust the bumper for a good appearance and tighten the attaching bolts to specification.
6. Install the license plate lamp, and connect the wire at the connector.

EXTERIOR MOULDINGS (FIGS. 12-20)

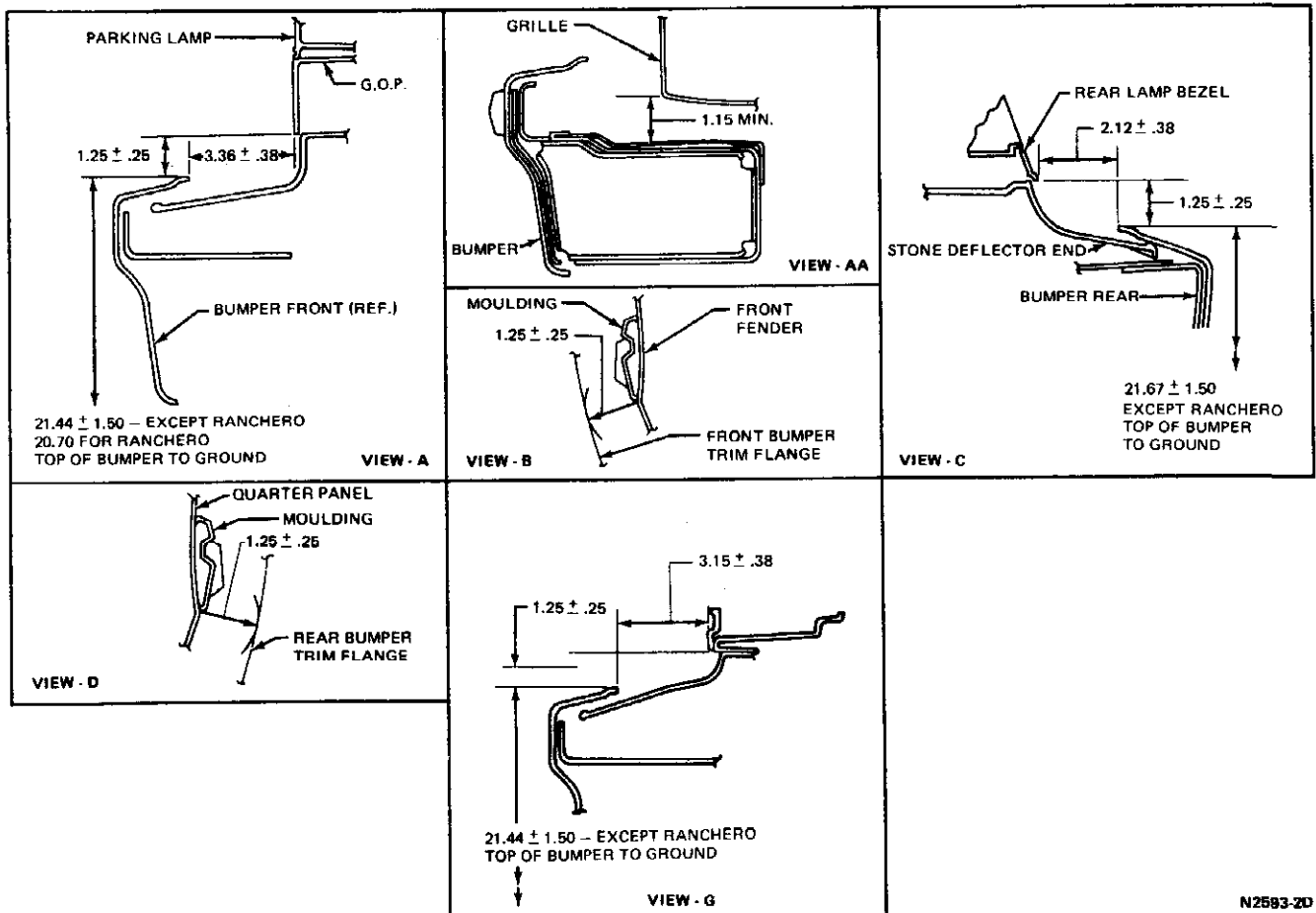
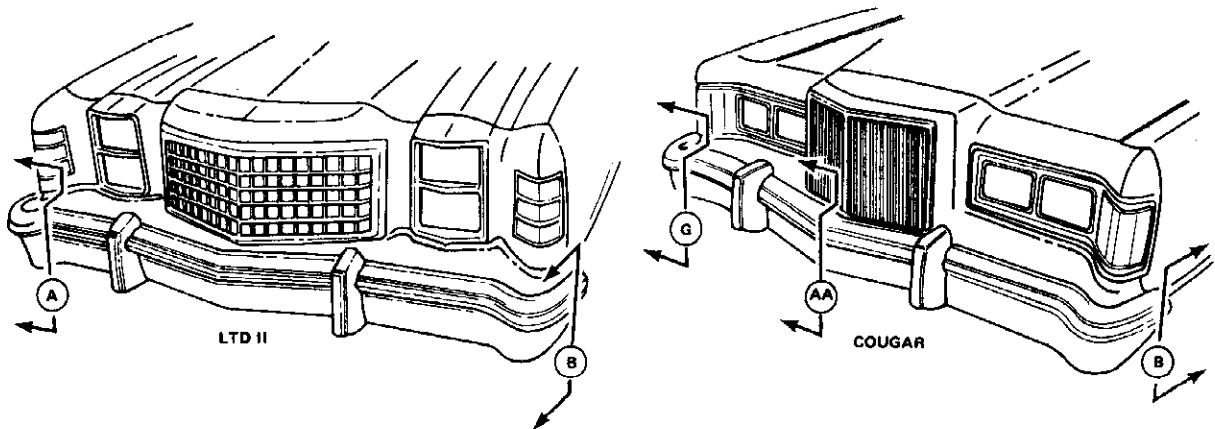
Before removing the exterior mouldings, it should be determined by the type of retainer used whether a respective door, quarter or luggage compartment trim panel must first be removed to provide access (Fig. 11). If a weld stud is distorted or broken off, it should be replaced with an oval head blind rivet (Part No. 383229-S or equivalent). Refer to General Information (Part 47-01) for installation of Pressure Sensitive Tape Type (Bodyside Protection Mouldings).

FRAME DIMENSIONS

The Cougar and Ranchero frame dimensions are shown in Figs. 21 and 22. The underbody checking and repair procedures are given in Part 47-01.

UNDERBODY DIMENSIONS

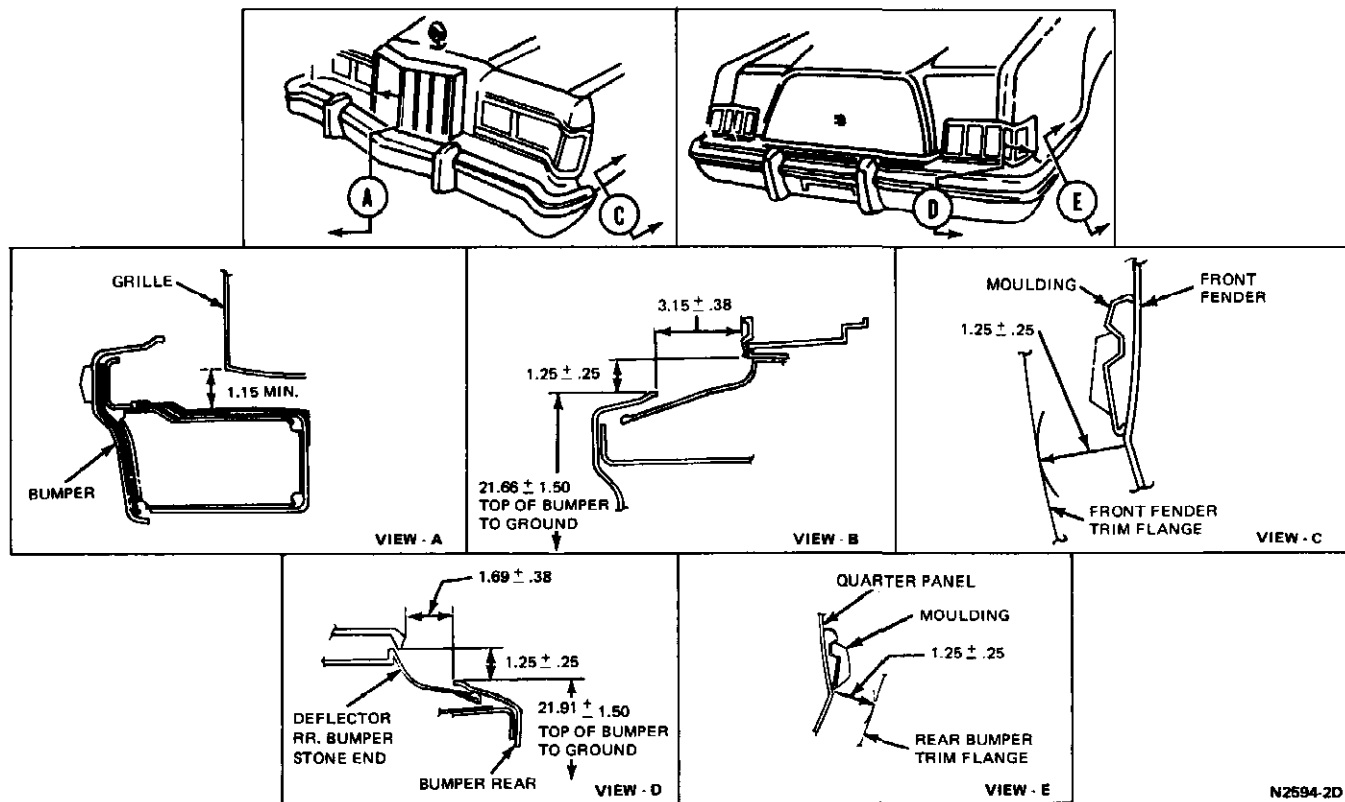
The Cougar and Ranchero underbody dimensions are shown in Figs. 21 and 22. The underbody checking and repair procedures are given in Part 47-01.



N2593-2D

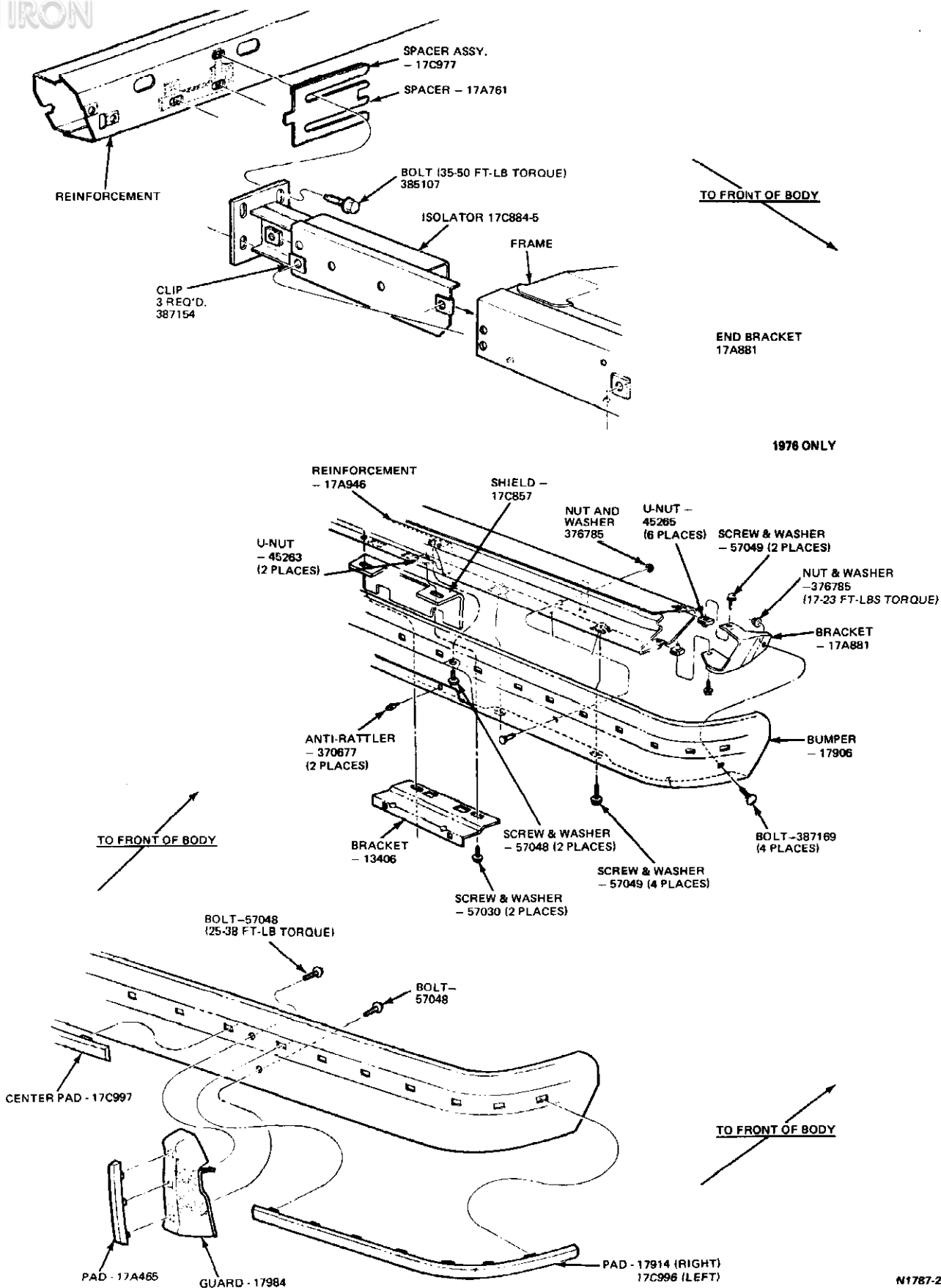
FIG. 7 Bumper Adjustment Specifications—Cougar and LTD II

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N2594-2D

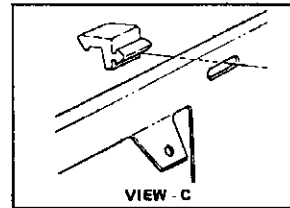
FIG. 8 Bumper Adjustment Specifications—Cougar XR7



N1787-2J

FIG. 9 Rear Bumper Installation—All Models Except Ranchero

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N1663-2E

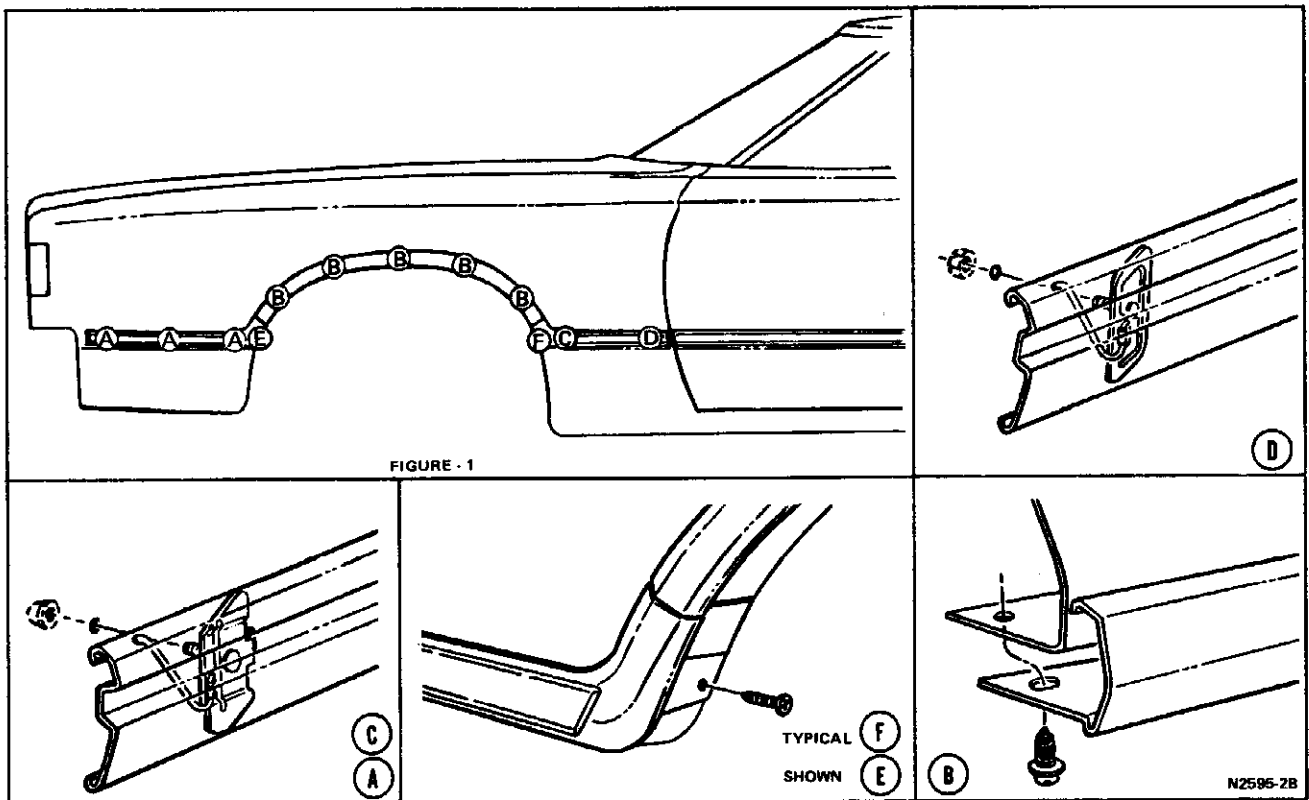
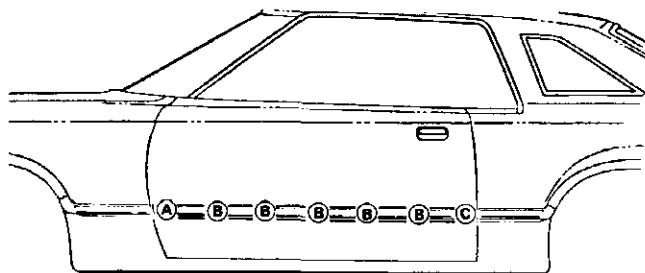
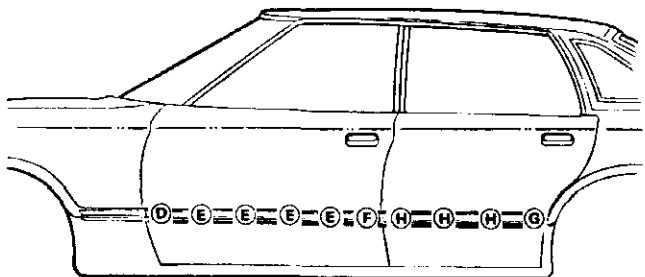


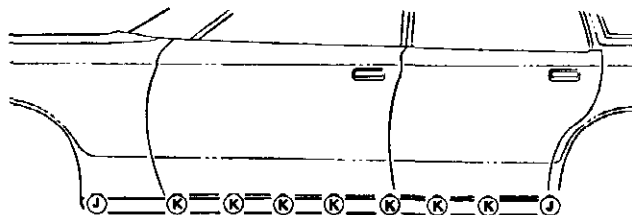
FIG. 11 Exterior Side Moulding Installation—LTD II



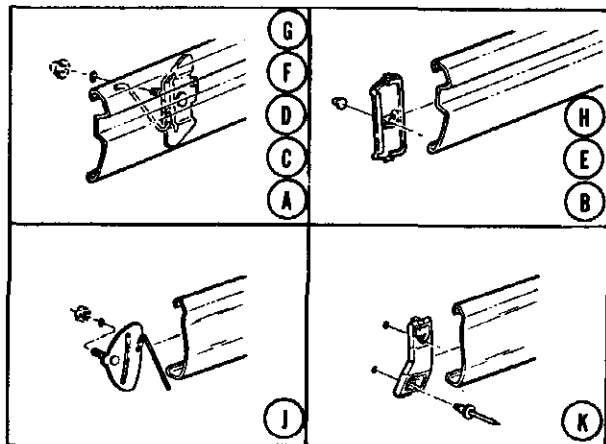
2-DOOR



4-DOOR

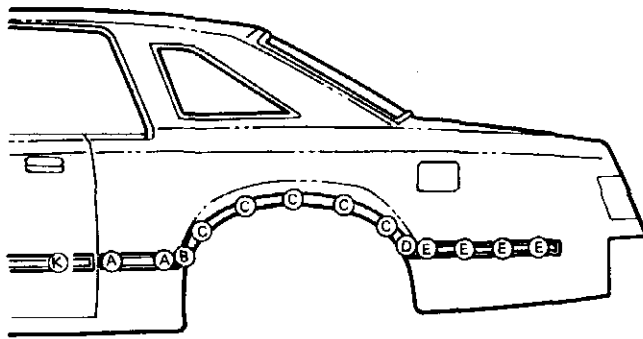


4-DOOR (2-DOOR SIMILAR)

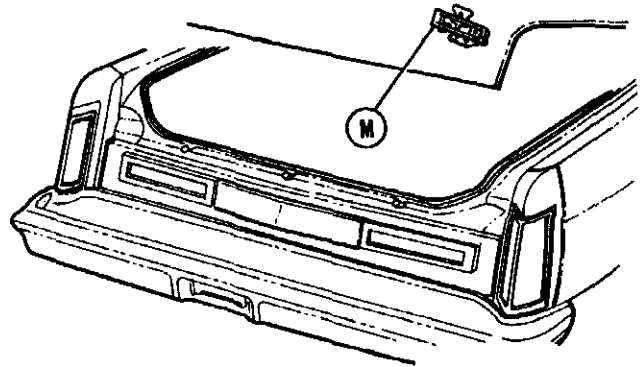


N2596-2B

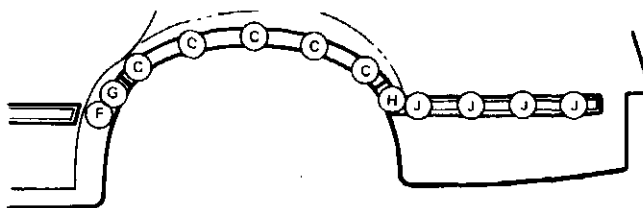
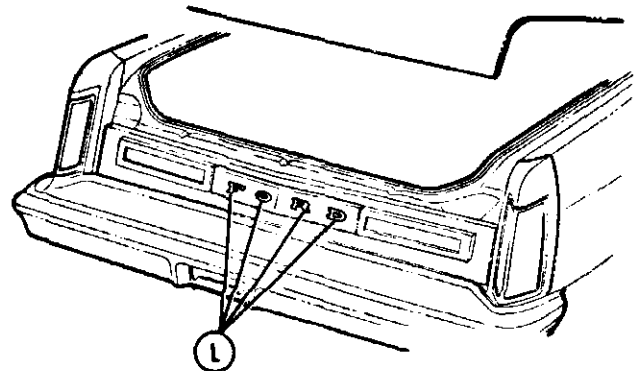
FIG. 12 Exterior Side Moulding Installation—LTD II



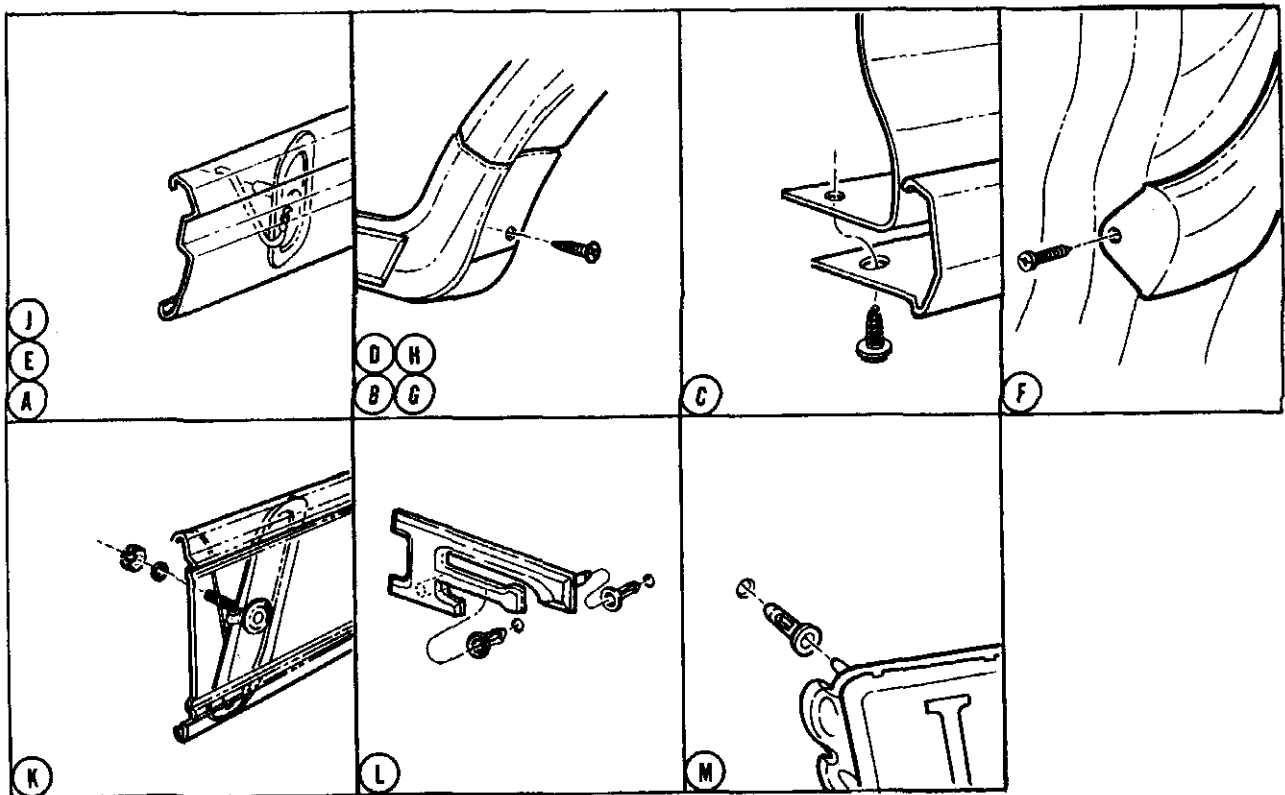
2-DOOR



LTD II AND BROUGHAM

4-DOOR SHOWN,
2-DOOR SIMILAR

LTD II S



N2597-2C

FIG. 13 Exterior and Rear Moulding—LTD II

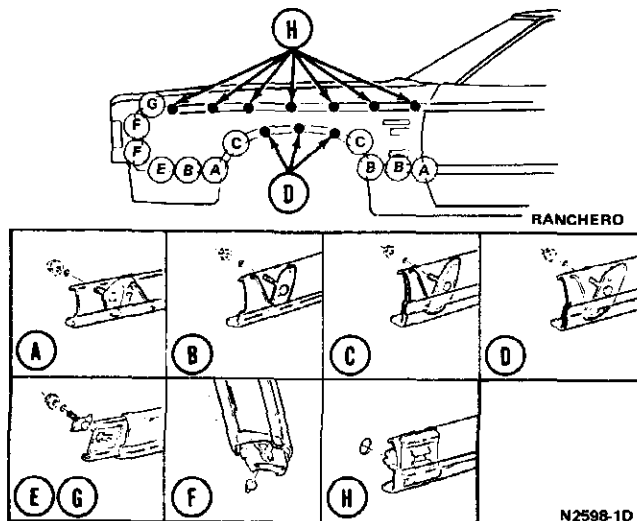
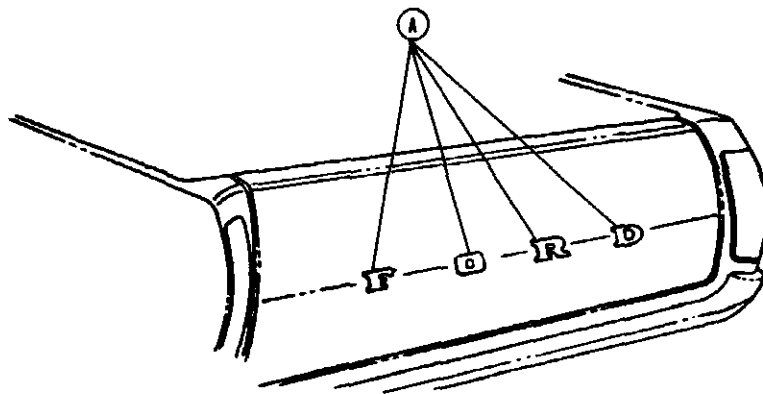
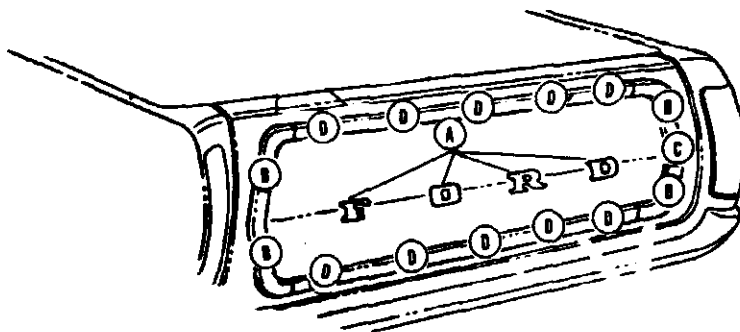


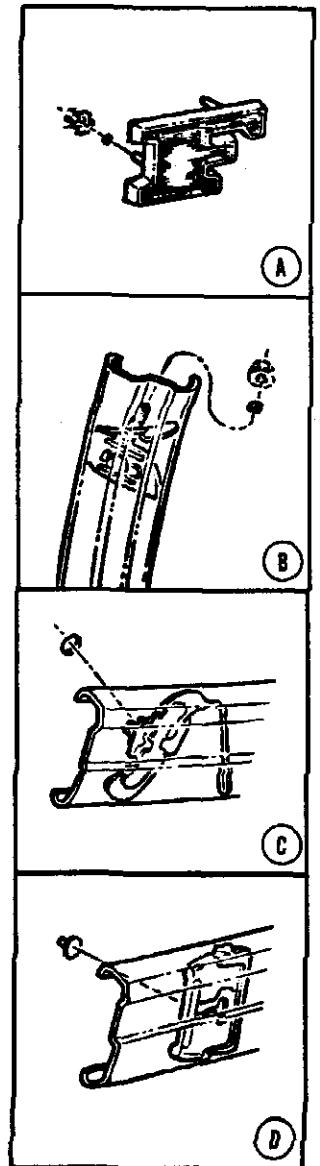
FIG. 14 Side Moulding Installation—LTD II



LTD II RANCHERO



LTD II RANCHERO SQUIRE



N2599-2D

FIG. 15 Rear Exterior Moulding Installation and Ornamentation—LTD II Ranchero

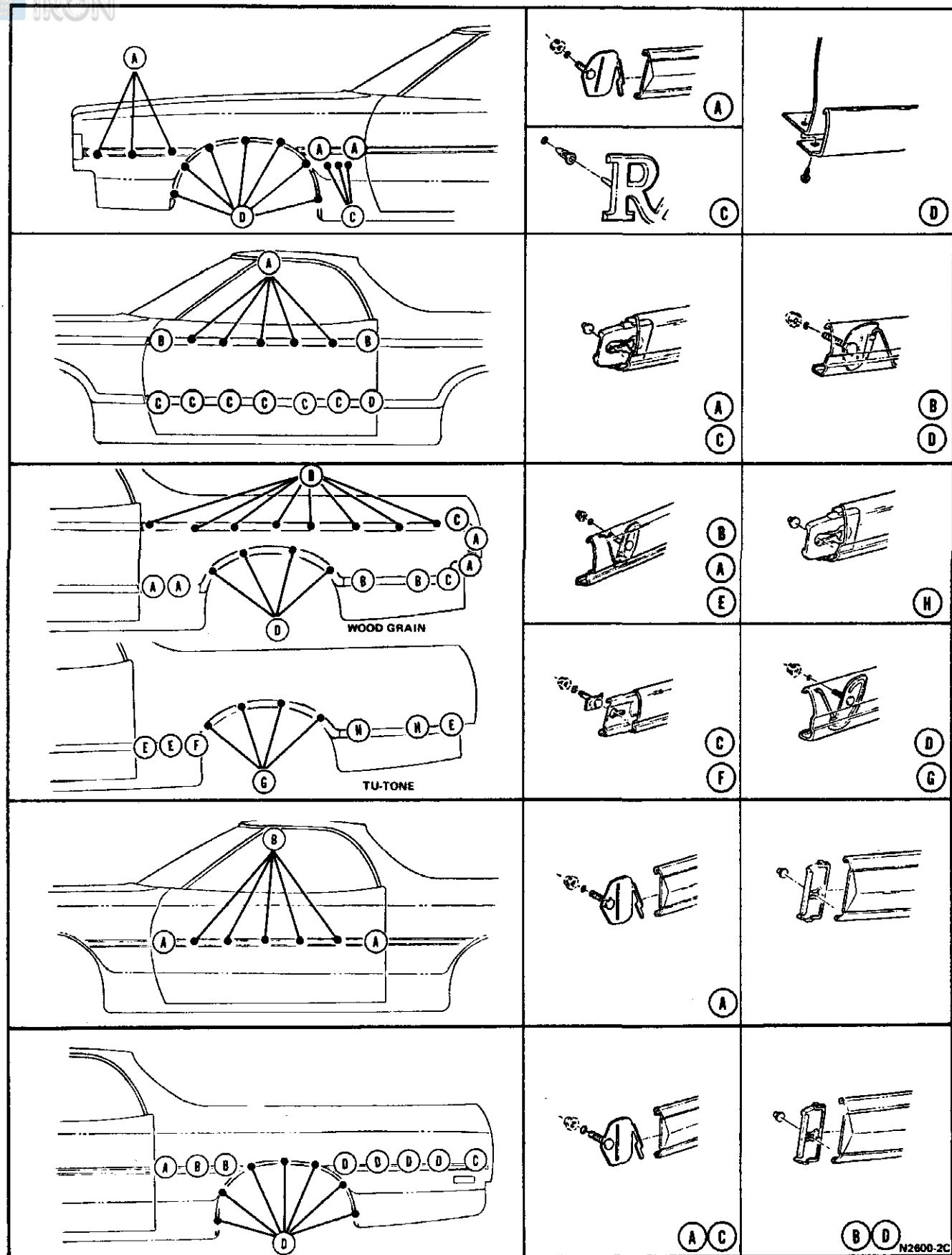
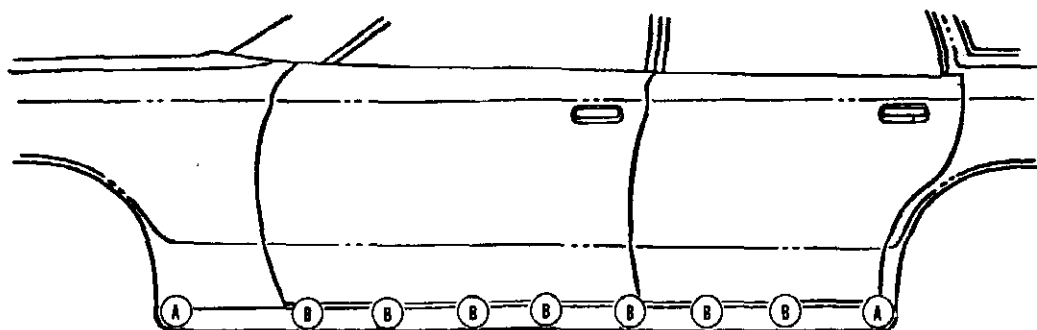
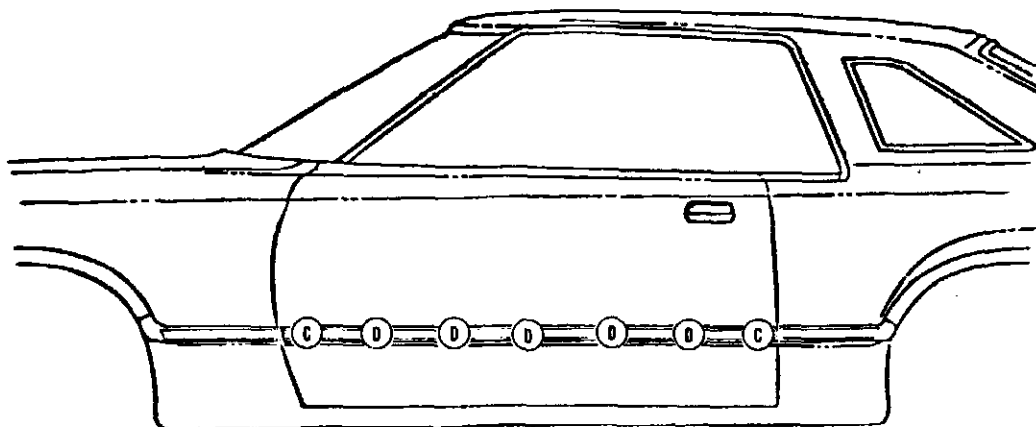


FIG. 16 Exterior Moulding Installation—LTD II Ranchero



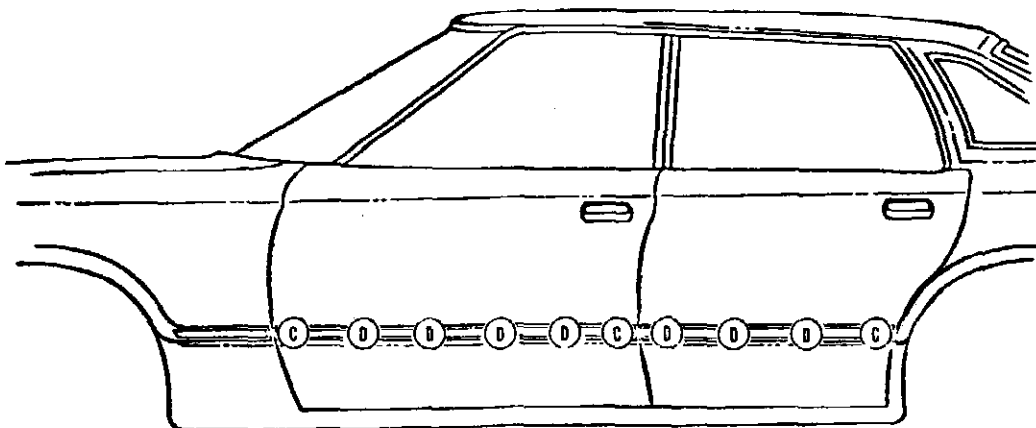
4-DOOR SEDAN

FIGURE - 1



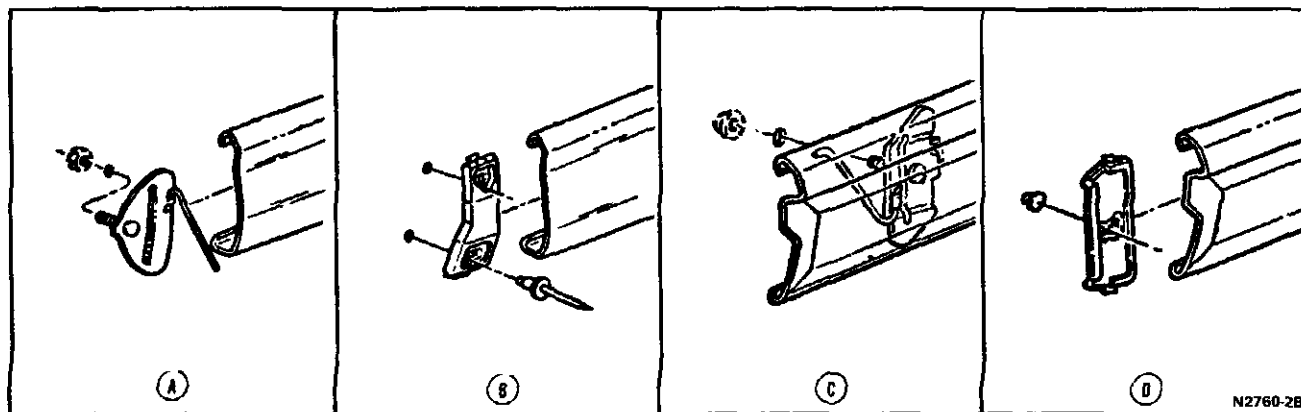
XR7

FIGURE - 2



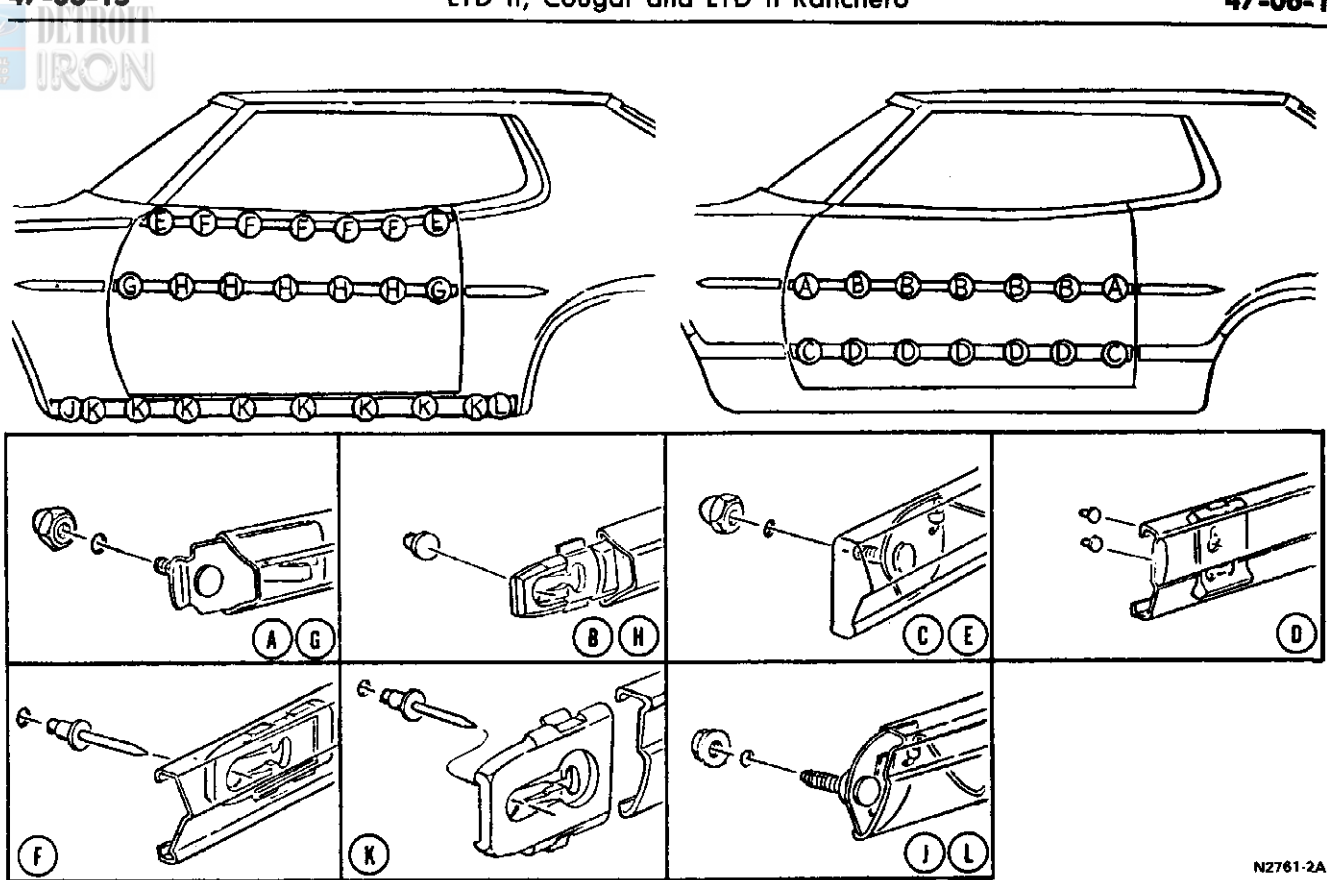
4-DOOR SEDAN

FIGURE - 3



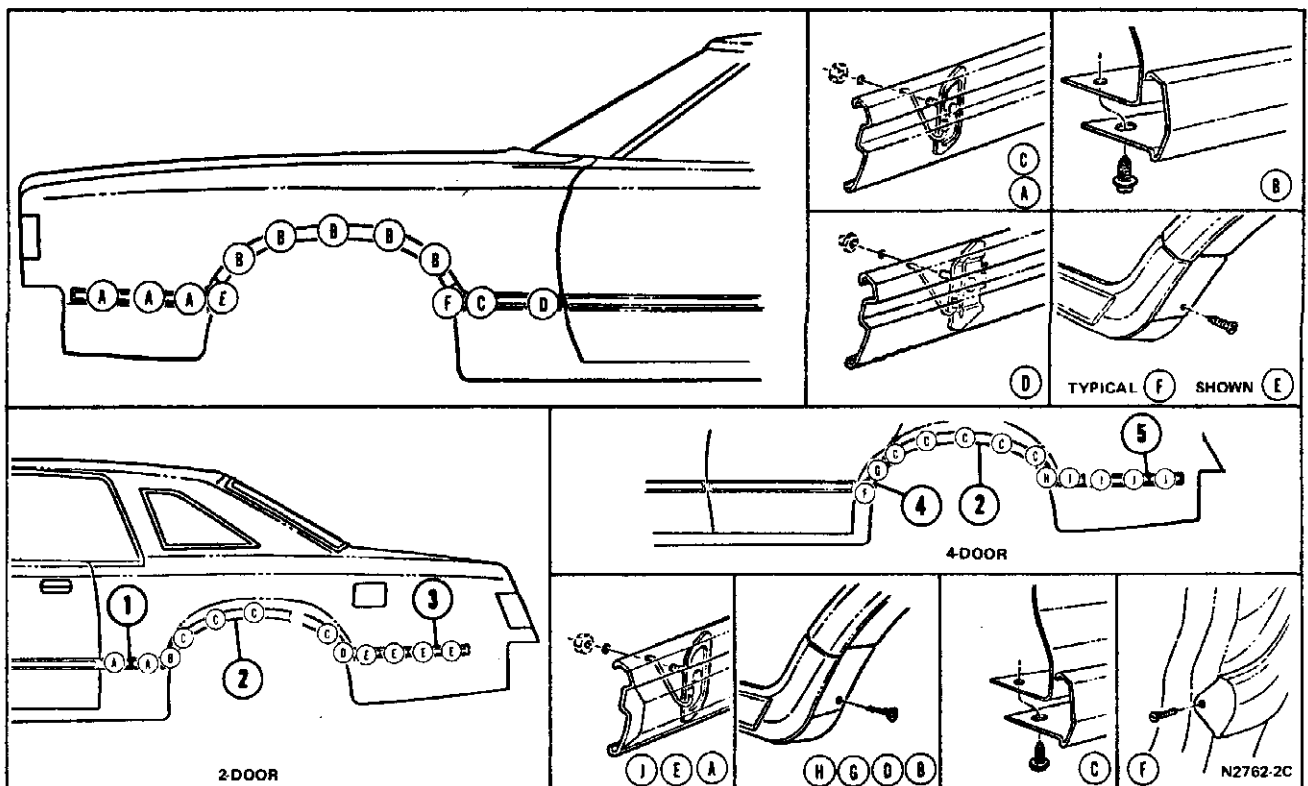
N2760-2B

FIG. 17 Exterior Side Moulding Installation—Cougar



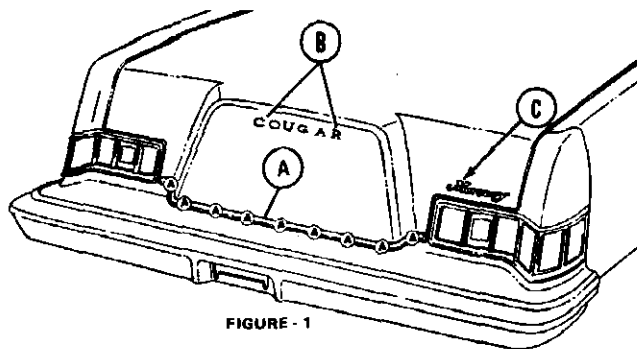
N2761-2A

FIG. 18 Exterior Side Moulding Installation—Cougar



N2762-2C

FIG. 19 Exterior Side Moulding Installation—Cougar



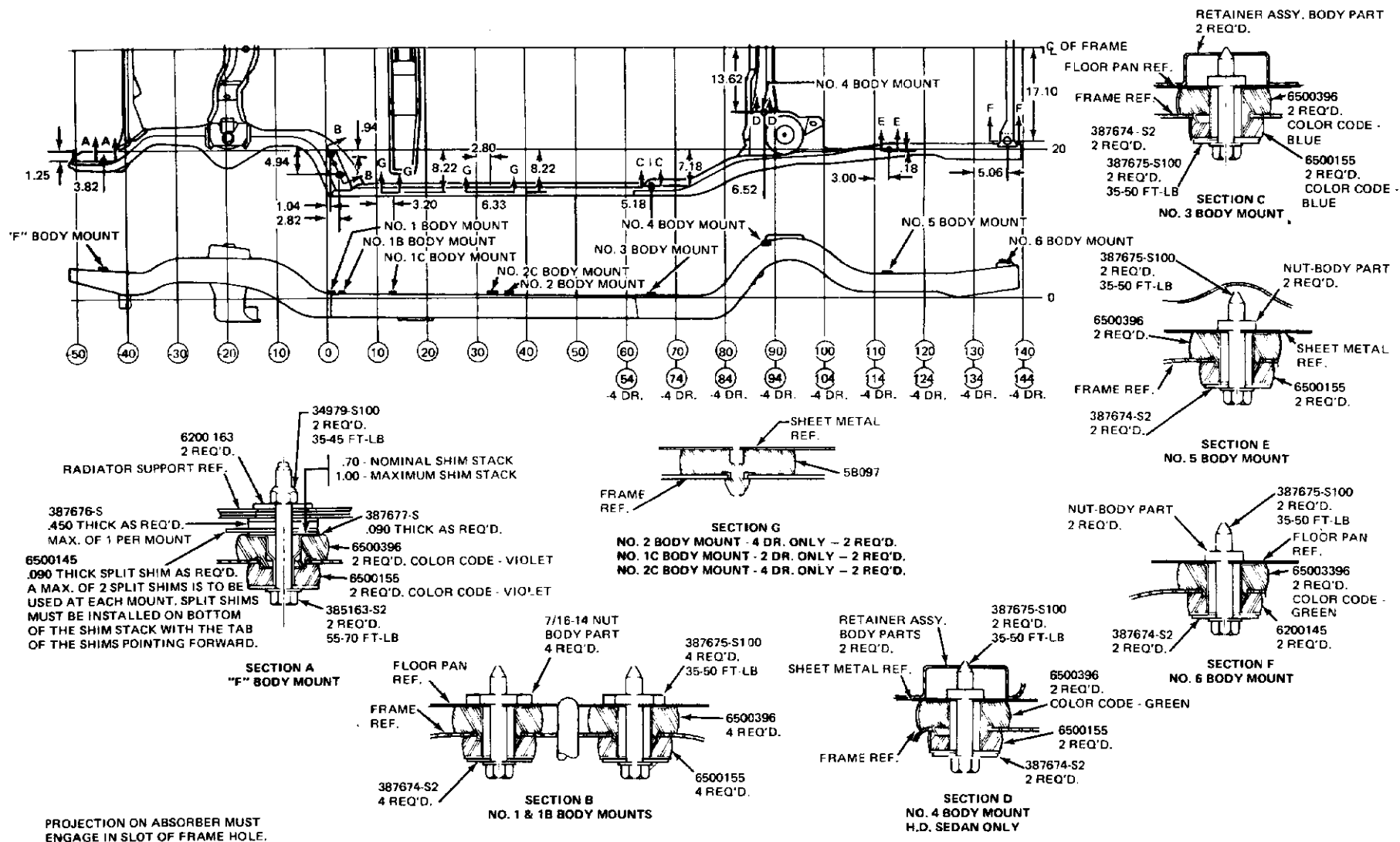
N2766-1B

**FIG. 20 Rear Exterior Moulding Installation—
Cougar XR-7**

FRAME AND BODY MOUNTS

LTD II, COUGAR 2 DOOR & 4 DOOR

FIG. 21 Frame Dimensions—Sedan—LTD II and Cougar



N1758-2J

FRAME AND BODY MOUNTS RANCHERO ONLY

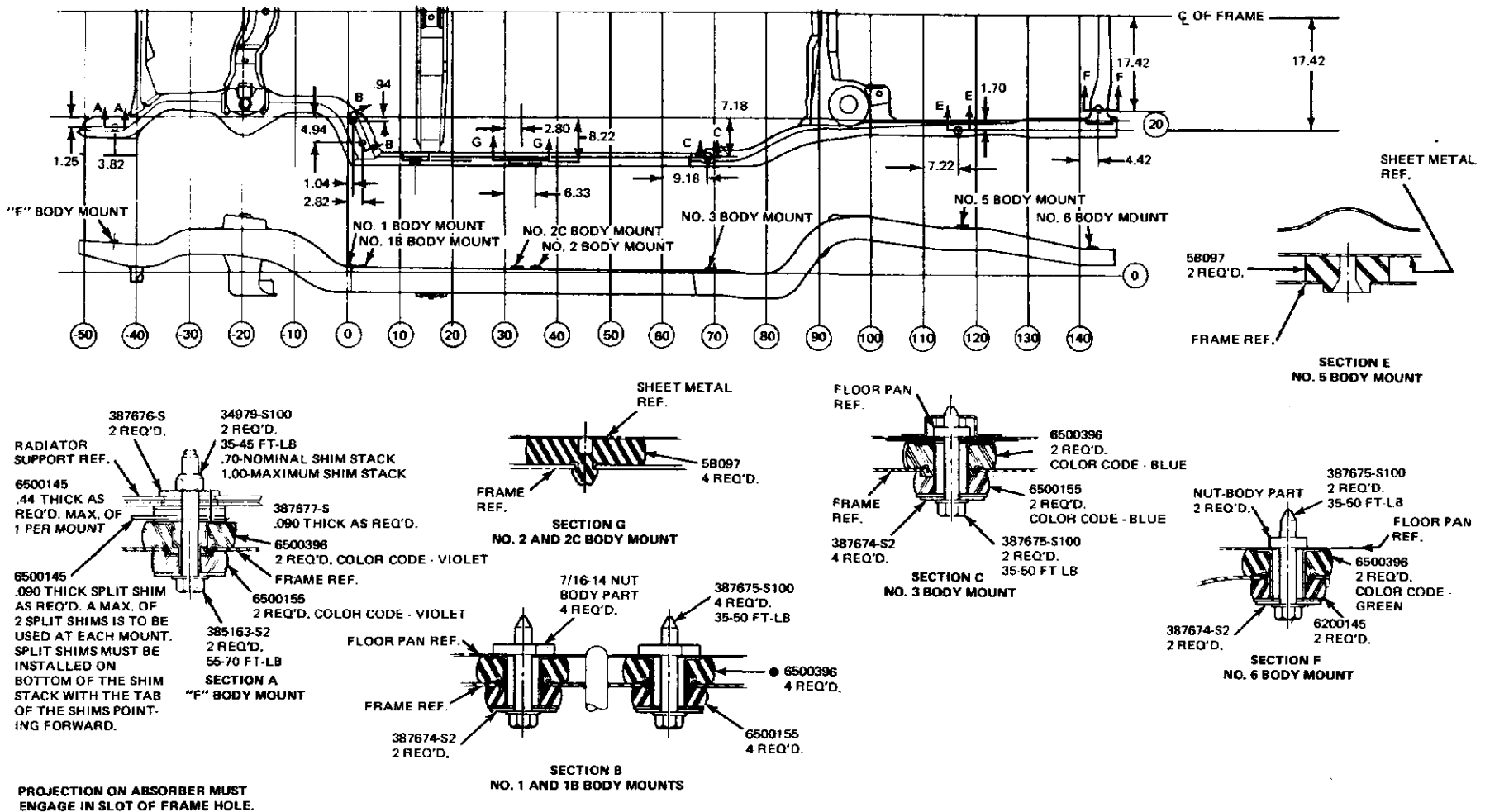


FIG. 22 Frame Dimensions—Ranchero

Fairmont and Zephyr

**PART
47-08**

SUBJECT	PAGE	SUBJECT	PAGE
REMOVAL AND INSTALLATION		REMOVAL AND INSTALLATION (Cont'd.)	
Exterior Mouldings	08-2	Rear Bumper	08-2
Front Bumper	08-2	Underbody Dimensions	08-3
Radiator Grille	08-1		

REMOVAL AND INSTALLATION

CN2874-2B

RADIATOR GRILLE

Fairmont and Zephyr

Removal

1. Open the hood and remove the retaining screws in the center of the grille and one snap rivet at each end of the grille (Fig. 1).
2. Disconnect the parking lamp wires at the multiple connectors. Remove the metal screws attaching the parking lamp ground wires at the radiator support. Remove the parking lamp bracket attaching screws, and remove the grille and parking lamps.
3. Remove the parking lamps and grille mounting brackets from the grille.

4. Center bar: spread snap-on fingers and remove.

Installation

1. If a new grille is being installed, transfer the lower locating pin grommets to the new grille.
2. Position the parking lamps and grille mounting brackets to the grille. Install the two retaining nuts for each parking lamp and support.
3. Position the grille assembly to the vehicle. Be sure the lower locating pins are inserted into the stone deflectors grommets.
4. Connect the parking lamp wire connectors and install the two screws attaching the parking lamp ground wires to the radiator support.

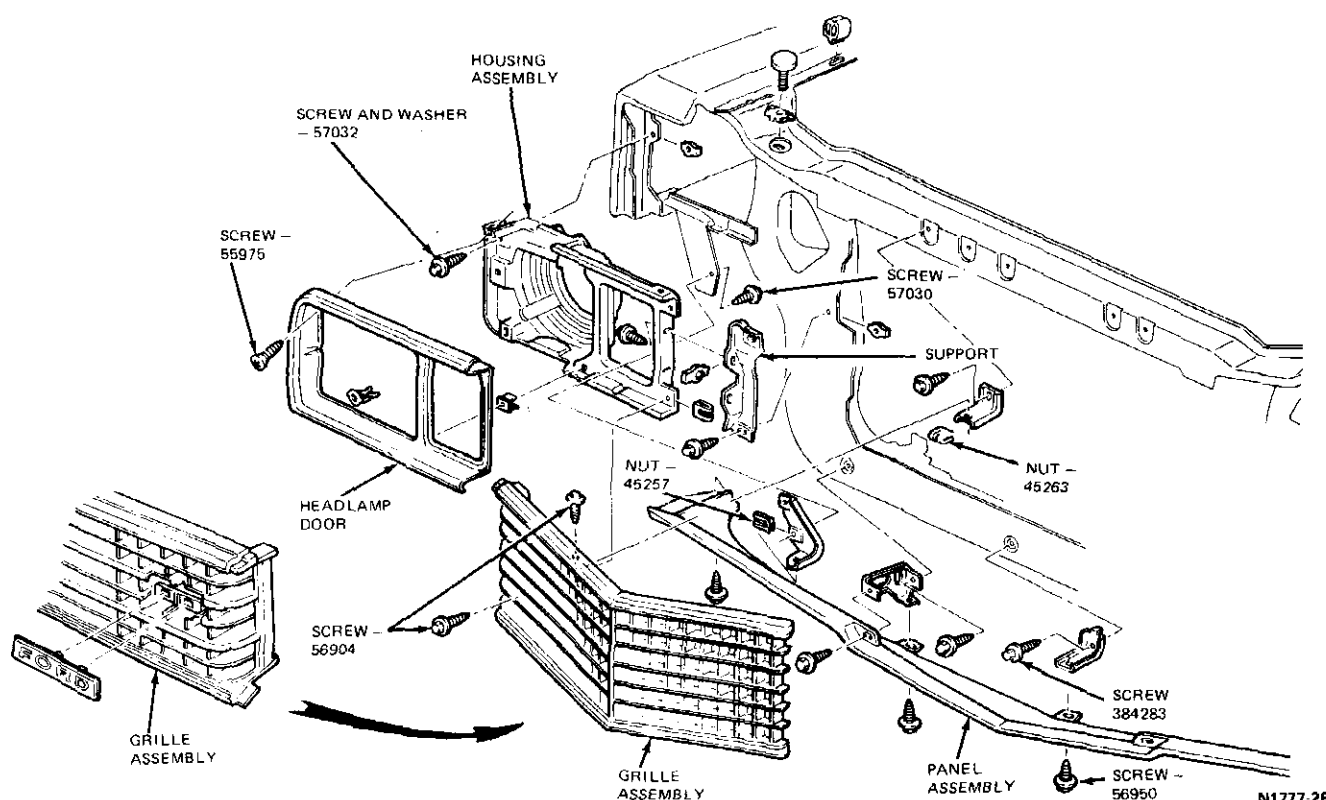


FIG. 1 Radiator Grille—Fairmont Shown—Zephyr Similar

5. Install the center grille support retaining screws and the grille end to mounting brackets snap rivets.

FRONT BUMPER

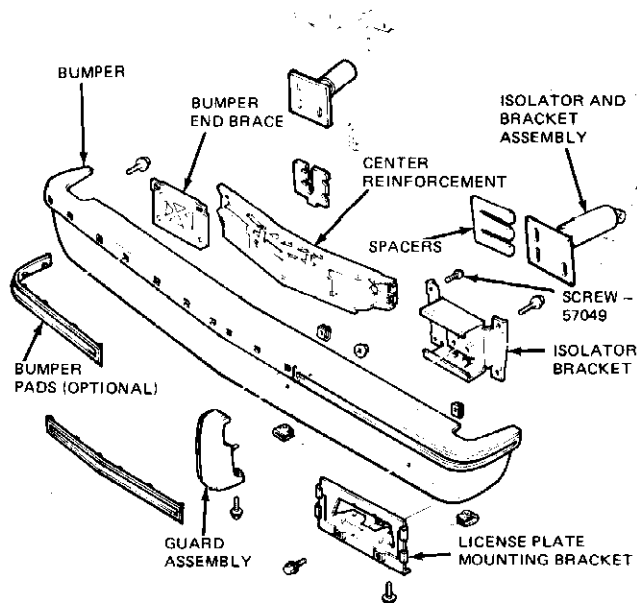
Fairmont and Zephyr

Removal

1. Raise the front of the vehicle.
2. Remove six bolts attaching the bumper assembly to the isolators and remove the bumper (Fig. 2).
3. Remove the license plate and bracket assembly.
4. Remove the isolator mounting, brackets, center reinforcement and end braces.
5. Remove bumper guards (optional).

Installation

1. If a new bumper is installed, transfer the bumper guards (Fig. 2). Attach the license plate retaining nuts to the bumper.
2. Position the reinforcement, end braces and isolator mounting brackets to the bumper and install the attaching bolts and nuts.
3. Install the license plate and bracket assembly.
4. Position the bumper assembly to the vehicle and install the attaching bolts snug.
5. Adjust the bumper height so that the distance from the top edge of the ground meets the specifications in Fig. 4. Then, adjust the bumper for body clearance so that the vertical and horizontal body to bumper dimensions meet specifications in Fig. 4. Tighten the isolator-to-reinforcement attaching bolts to 25-38 ft-lb torque. Tighten absorber to underbody mounting bolts to 60-90 ft-lbs torque.



N1778-1E

FIG. 2 Front Bumper Installation

REAR BUMPER

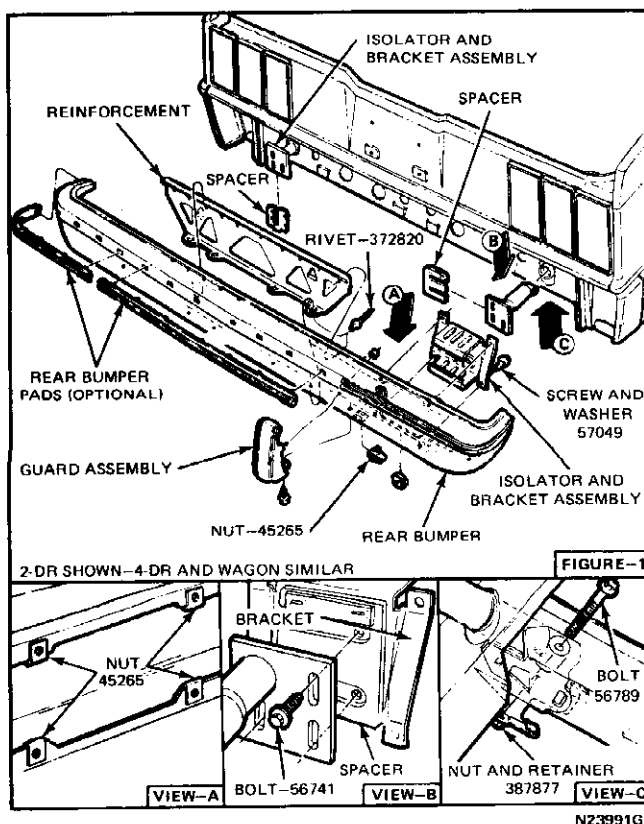
Fairmont and Zephyr

Removal

1. Remove bolts attaching the bumper to the isolators, and remove the bumper assembly.
2. Remove the nuts and bolts attaching the isolator mounting brackets to the bumper, and separate the reinforcement and bumper guards (if so equipped) from the bumper (Fig. 3).
3. Station Wagon Only. Remove center reinforcement by drilling out blind rivets.

Installation

1. Position the isolator mounting brackets and bumper guards (if so equipped) to the bumper, and install the bolts and nuts. Tighten nuts to specification given in Fig. 3.
2. Station Wagon Only. Install center reinforcement using 14 blind rivets.
3. Position bumper assembly to the isolator and install the attaching bolts.
4. Adjust the bumper height so that the distance from the top edge to the ground meets the specifications in Fig. 4. Then adjust the bumper for body clearance at the centerline of the tail lamp so that the vertical dimension meets the specifications in Fig. 4. Tighten the isolator-to-reinforcement bolts to 25-38 ft-lbs torque.



N23991G

FIG. 3 Rear Bumper Installation

EXTERIOR MOULDINGS

Before removing the exterior mouldings, it should be determined by the type of retainer used whether a

respective door, quarter or luggage compartment trim panel must first be removed to provide access (Figs. 5 through 10). If a weld stud is distorted or broken off, it should be replaced with an oval head blind rivet (Part No. 383229-S or equivalent). Refer to General Information (Part 47-01) for installation of Pressure Sensitive Tape Type (Body Side Protection Mouldings).

UNDERBODY DIMENSIONS

The under body dimensions are shown in Fig. 10. The underbody checking and repair procedures are given in Part 47-01.

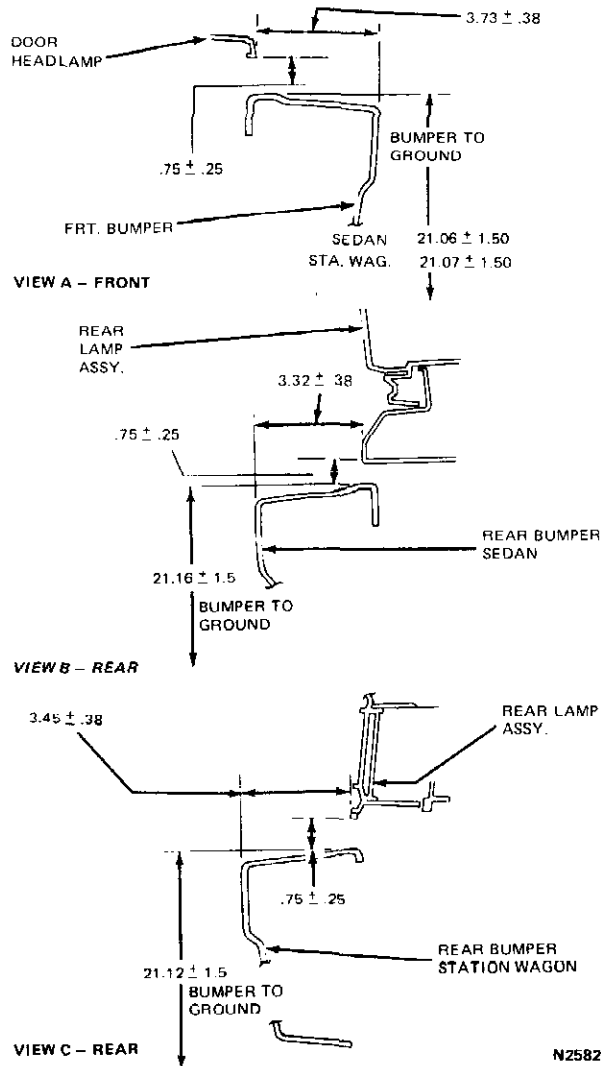


FIG. 4 Bumper Adjustment Specifications

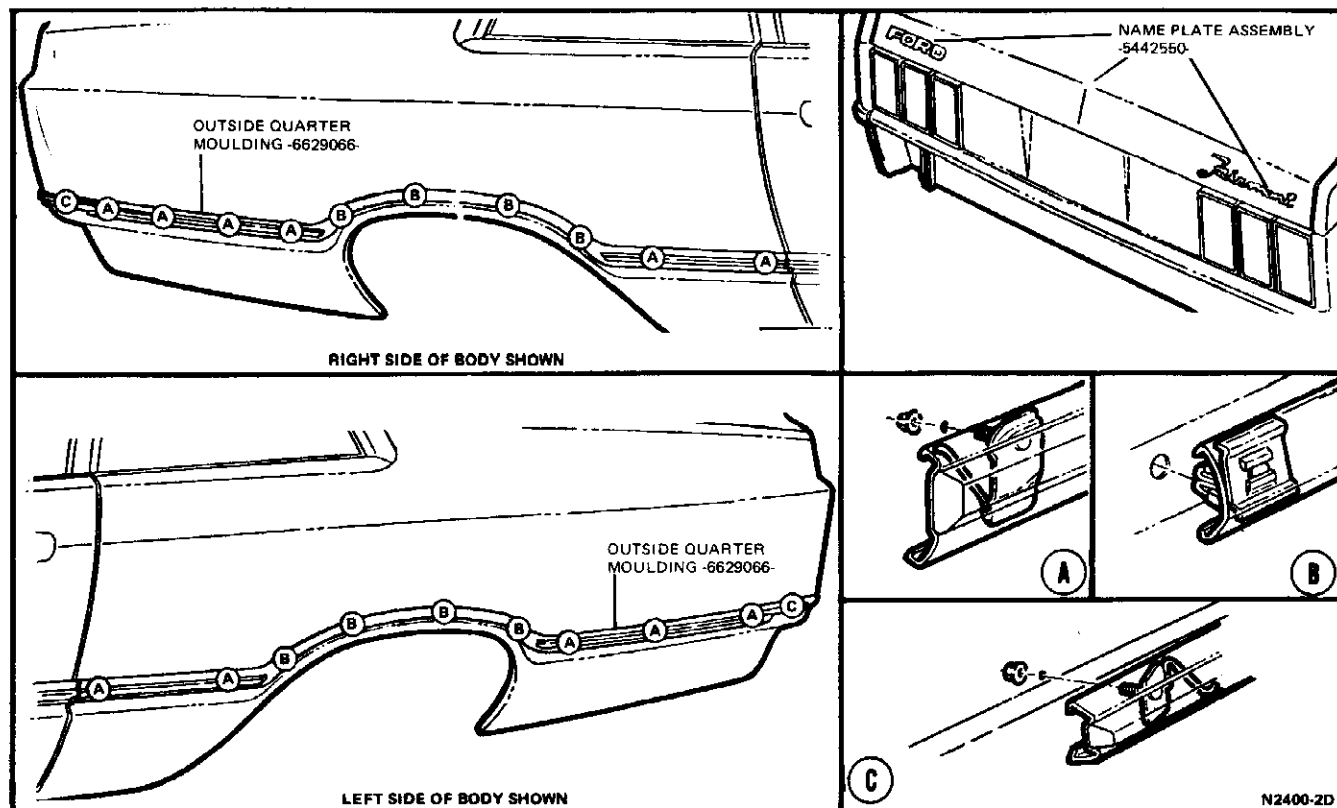


FIG. 5 Exterior Side Mouldings—Fairmont—2-Door Model—Zephyr Similar

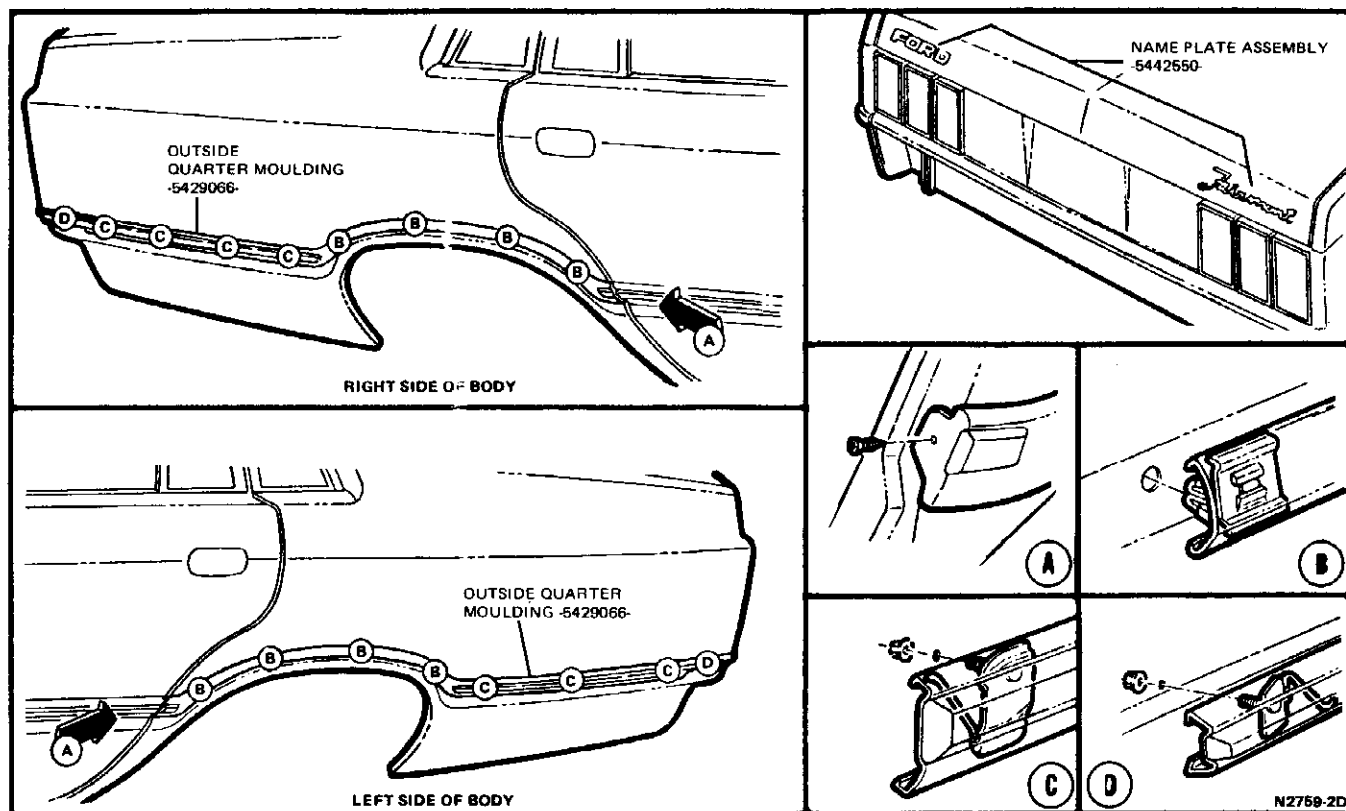


FIG. 6 Exterior Side Moulding Installation—Fairmont—4-Door Model—Zephyr Similar

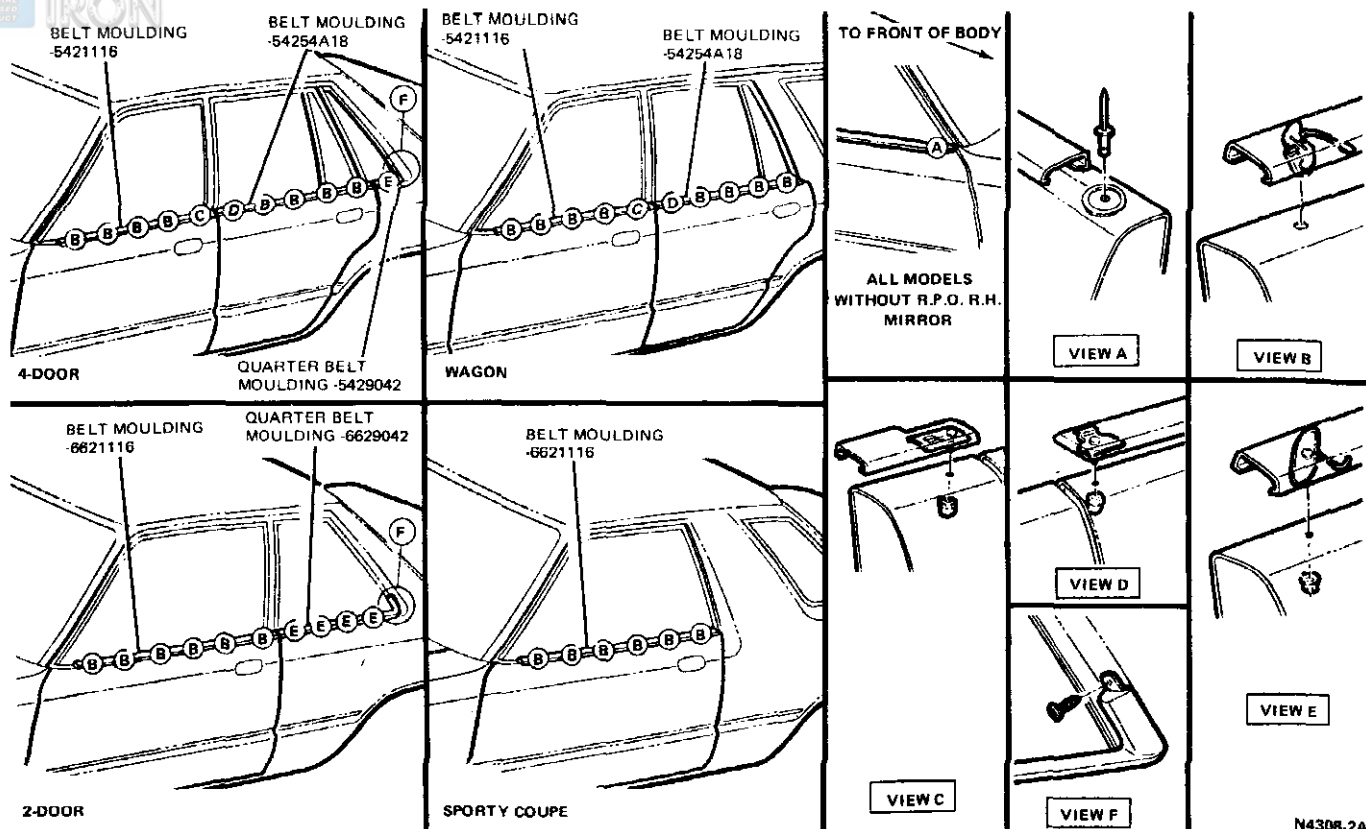


FIG. 7 Optional Exterior Belt Mouldings

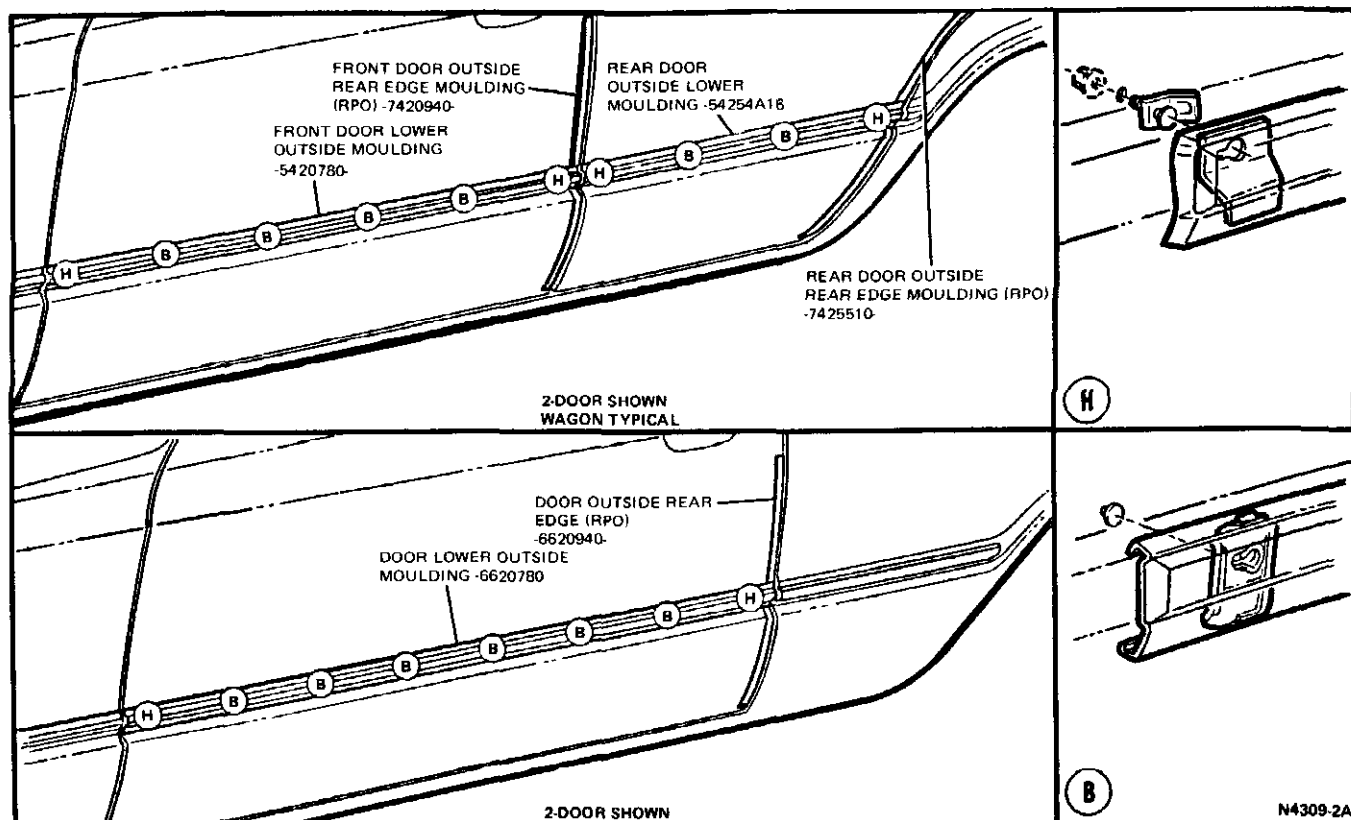


FIG. 8 Optional Exterior Door Mouldings

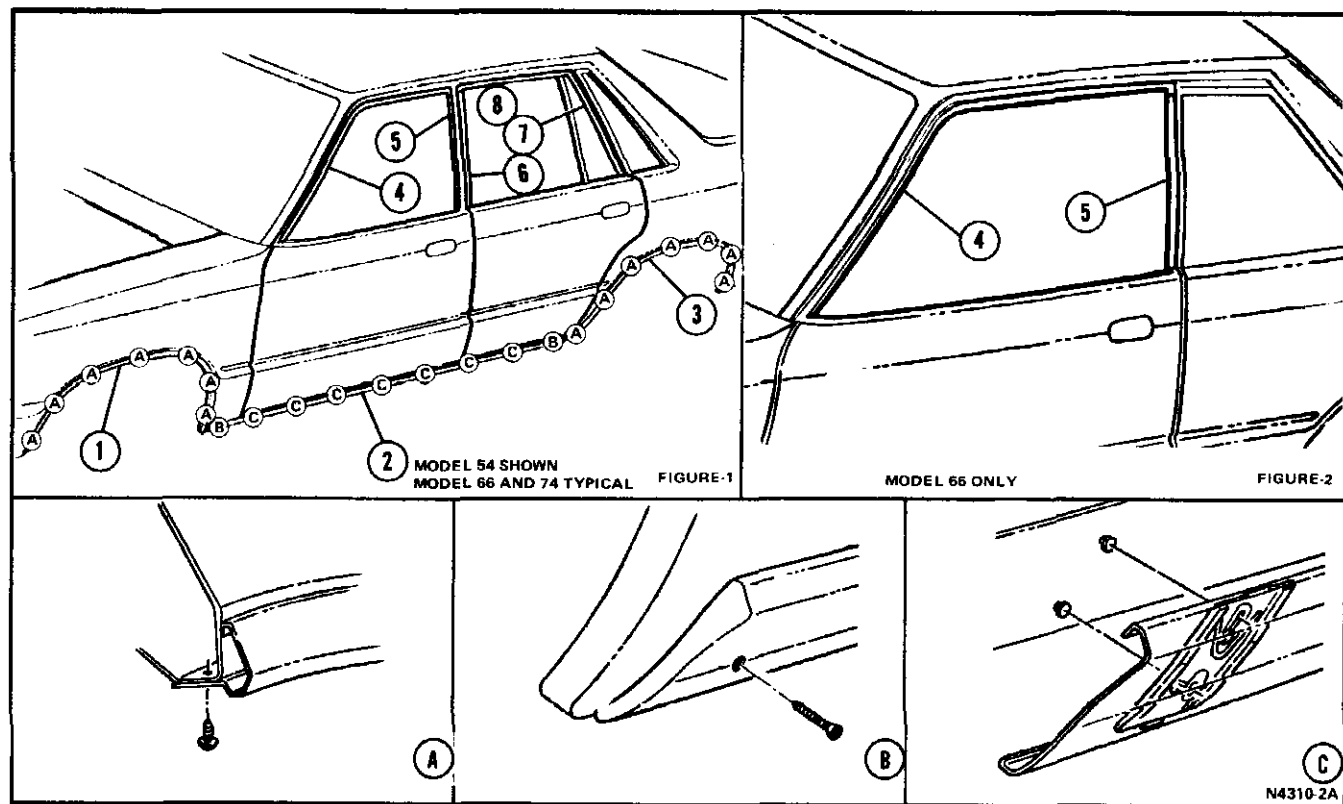
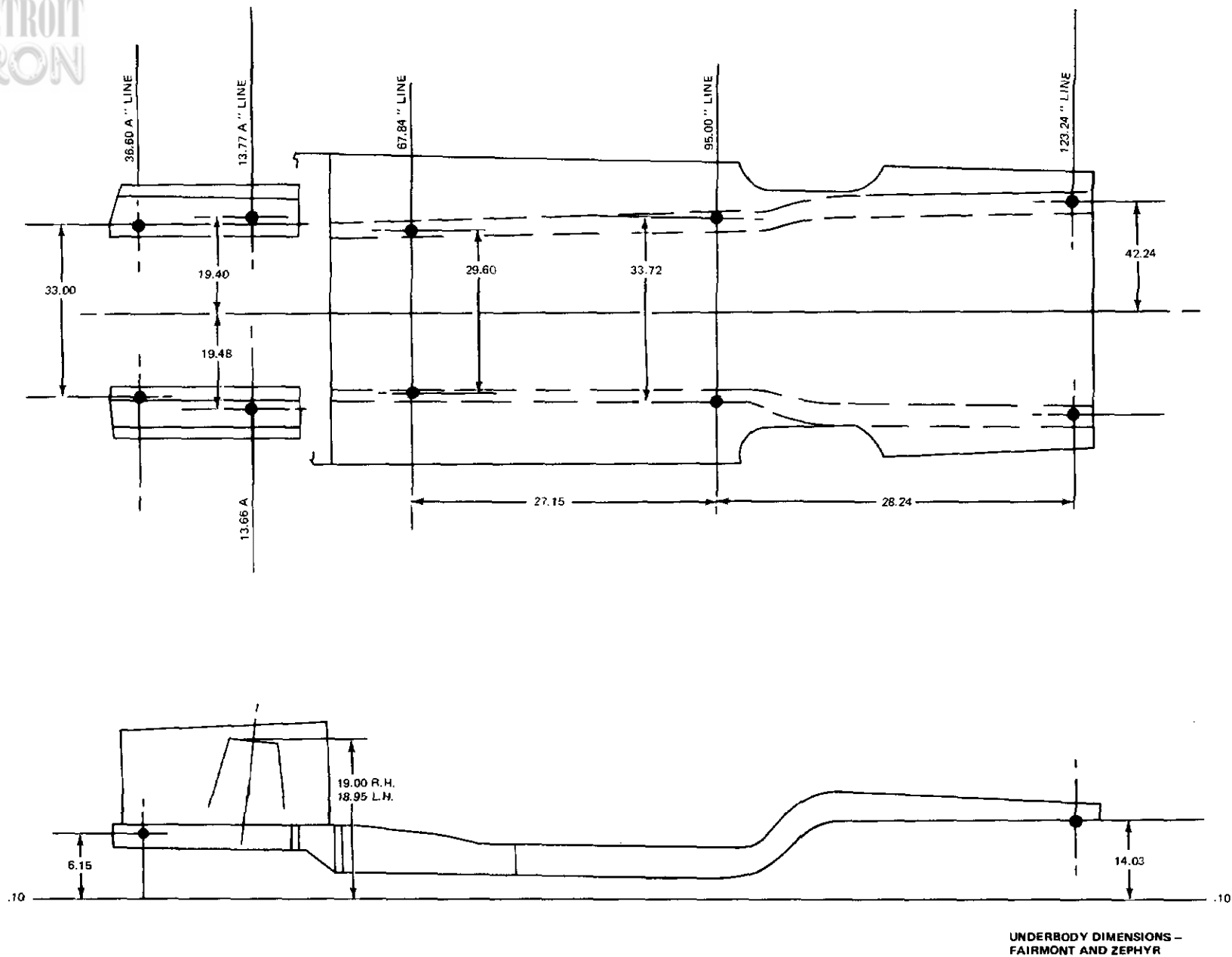


FIG. 9 Optional Exterior Ornamentation on Front Fender, Rocker and Quarter Panels



N184B-2H

FIG. 10 Underbody Dimensions

Pinto and Bobcat

**PART
47-09**

SUBJECT	PAGE	SUBJECT	PAGE
REMOVAL AND INSTALLATION		REMOVAL AND INSTALLATION (Cont'd.)	
Exterior Mouldings	09-2	Rear Bumper	09-2
Front Bumper	09-1	Underbody Dimensions	09-2
Radiator Grille	09-1		

CN2876-2B

REMOVAL AND INSTALLATION RADIATOR GRILLE

PINTO

Removal

1. Open hood and remove grille attaching screws (Fig. 1), and remove the grille.

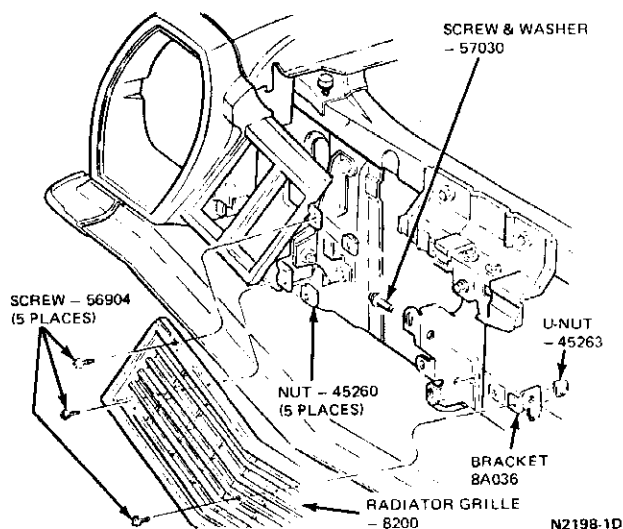


FIG. 1 Radiator Grille—Pinto

2. Replace any damaged clip nuts or retainers.

Installation

1. Position the grille to the vehicle and install the attaching screws loosely.
2. Adjust grille to obtain a uniform gap between side vertical surfaces of grille and vertical surfaces of fender extension assembly. Align lower surface of grille with lower surface of fender extension assembly.
3. Tighten 2 lower screws first, then tighten 3 remaining screws.
4. Position the parking lamp bulb and socket assemblies in the parking lamps, and rotate the socket clockwise to lock into place in the parking lamp.
5. Check the operation of the parking lamps and turn signals.

BOBCAT

Removal

1. Open the hood and remove one screw from the top of the grille, which attaches to the radiator grille mounting bracket (Fig. 2).
2. Remove one attaching screw that attaches to the hood latch support bracket, located at the bottom center of the grille.
3. Remove four attaching screws, two on each side of the grille, that attach to the parking lamp housing, and remove grille from car.

Installation

1. Position grille in vehicle and install four screws, two on each side, loosely.
2. Install lower attaching screw and upper attaching screw, loosely.
3. Adjust grille to obtain a 0.532-inch uniform gap between the sight shield and grille, and a similar uniform gap between the hood moulding and the top of the grille, then, tighten the upper and lower attaching screws.
4. Tighten the four screws, two on each side of the grille.

FRONT BUMPER

REMOVAL

1. Remove the isolator-to-reinforcement bolts and screws and remove the bumper assembly from the vehicle (Fig. 3).

INSTALLATION

1. Transfer the bumper guards, pads and license plate bracket and braces to a new bumper if the bumper is being replaced (Fig. 3).
2. To install, position the bumper assembly to the isolators and install the attaching bolts and retaining nuts snug.
3. Adjust the bumper height so that the distance from the top edge to the ground meets the specifications in Fig. 5. Then, adjust the bumper for body clearance so that the vertical and horizontal body to bumper dimensions meet the specifications in Fig. 5. Tighten the isolator-to-bumper bolts to 35-50 ft-lbs torque.

REAR BUMPER

REMOVAL

1. Remove two license lamp attaching screws and disconnect license plate lamp wiring from socket behind bumper.
2. Remove two bolts attaching each isolator to the bumper reinforcement and remove the bumper assembly (Fig. 4).
3. If the bumper is to be replaced, transfer the bumper guards, pads and license bracket to the new bumper.
4. Inspect the isolators for fluid leakage. If leakage is found, replace the isolator(s).

INSTALLATION

1. Install the license plate lamp assembly.
2. Position the bumper assembly to the isolators and install the attaching bolts.
3. Adjust the bumper height so that the distance from the top edge to the ground meets the specifications in Fig. 5. Then, adjust the bumper for body clearance so that the vertical and horizontal body

to bumper dimensions meet the specifications in Fig. 5. Tighten the isolator-to-reinforcement bolts to 35-50 ft-lbs torque.

4. Connect the license lamp to the body wiring.

EXTERIOR MOULDINGS

Before removing the exterior mouldings, it should be determined by the type of retainer used whether a respective door, quarter or luggage compartment trim panel must first be removed to provide access (Figs. 6 through 15). If a weld stud is distorted or broken off, it should be replaced with an oval head blind rivet (Part No. 383229-S).

UNDERBODY DIMENSIONS

The Pinto underbody dimensions are shown in Figs. 15 and 16. The underbody checking and repair procedures are given in Part 47-01.

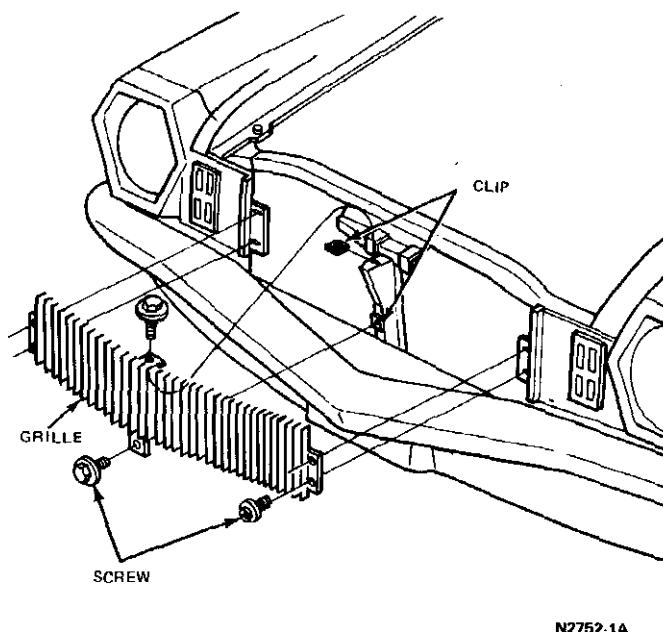


FIG. 2 Radiator Grille—Bobcat

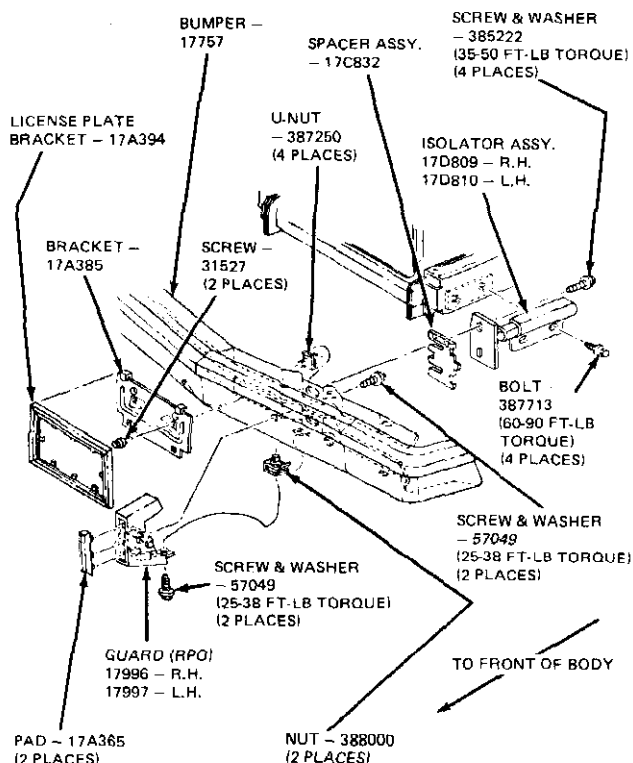
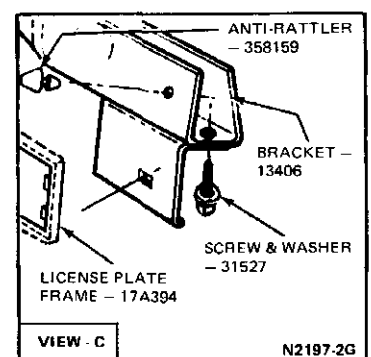
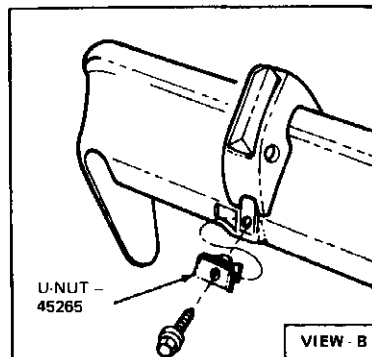
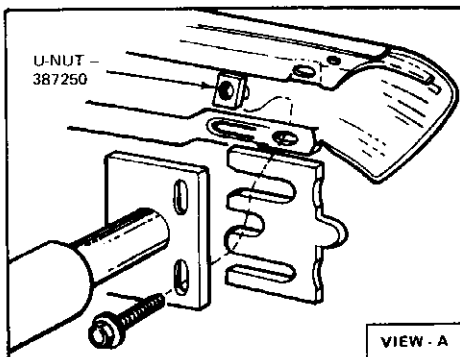
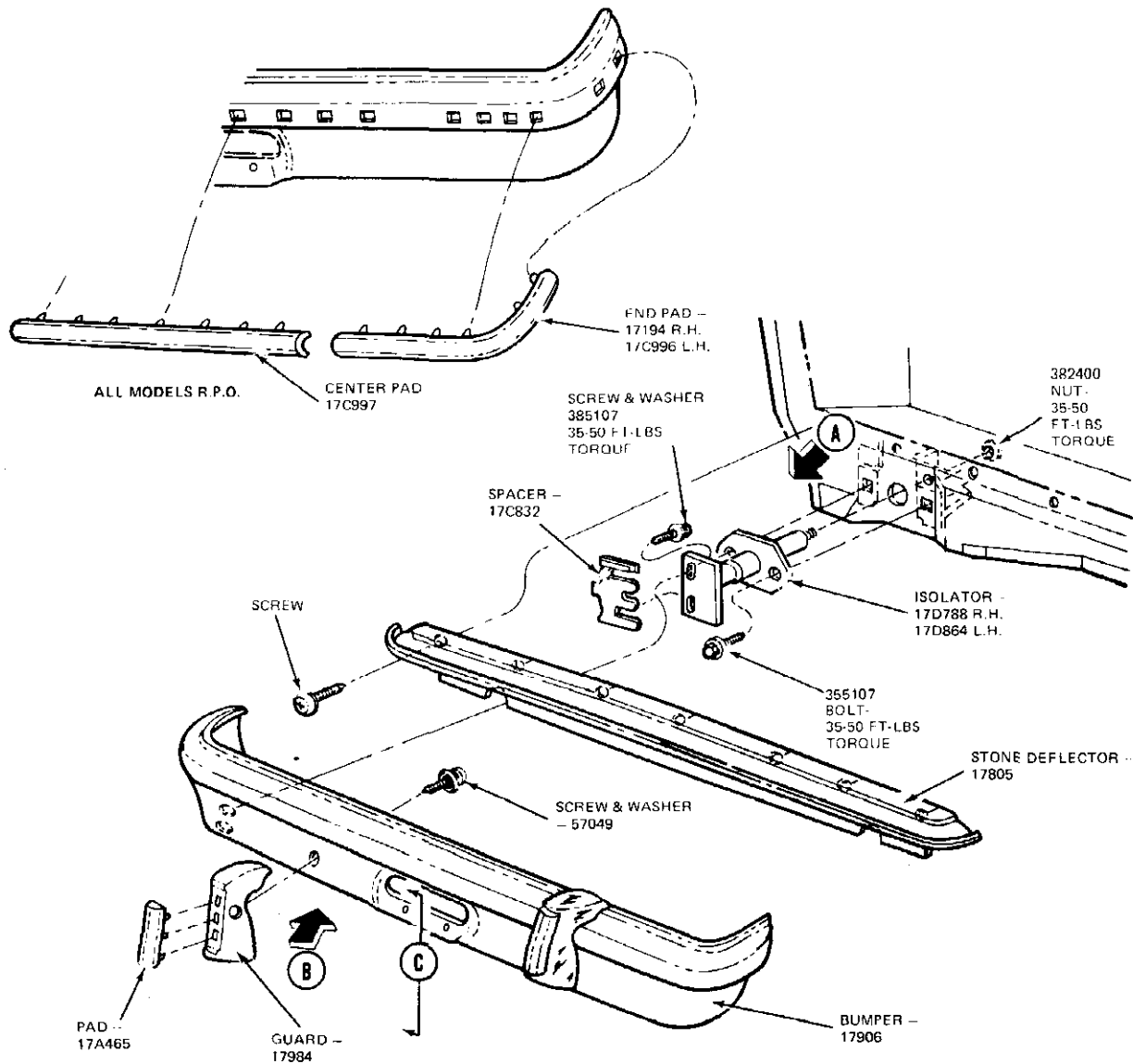


FIG. 3 Front Bumper Installation—Pinto and Bobcat



N2197-2G

FIG. 4 Rear Bumper Installation—Pinto and Bobcat

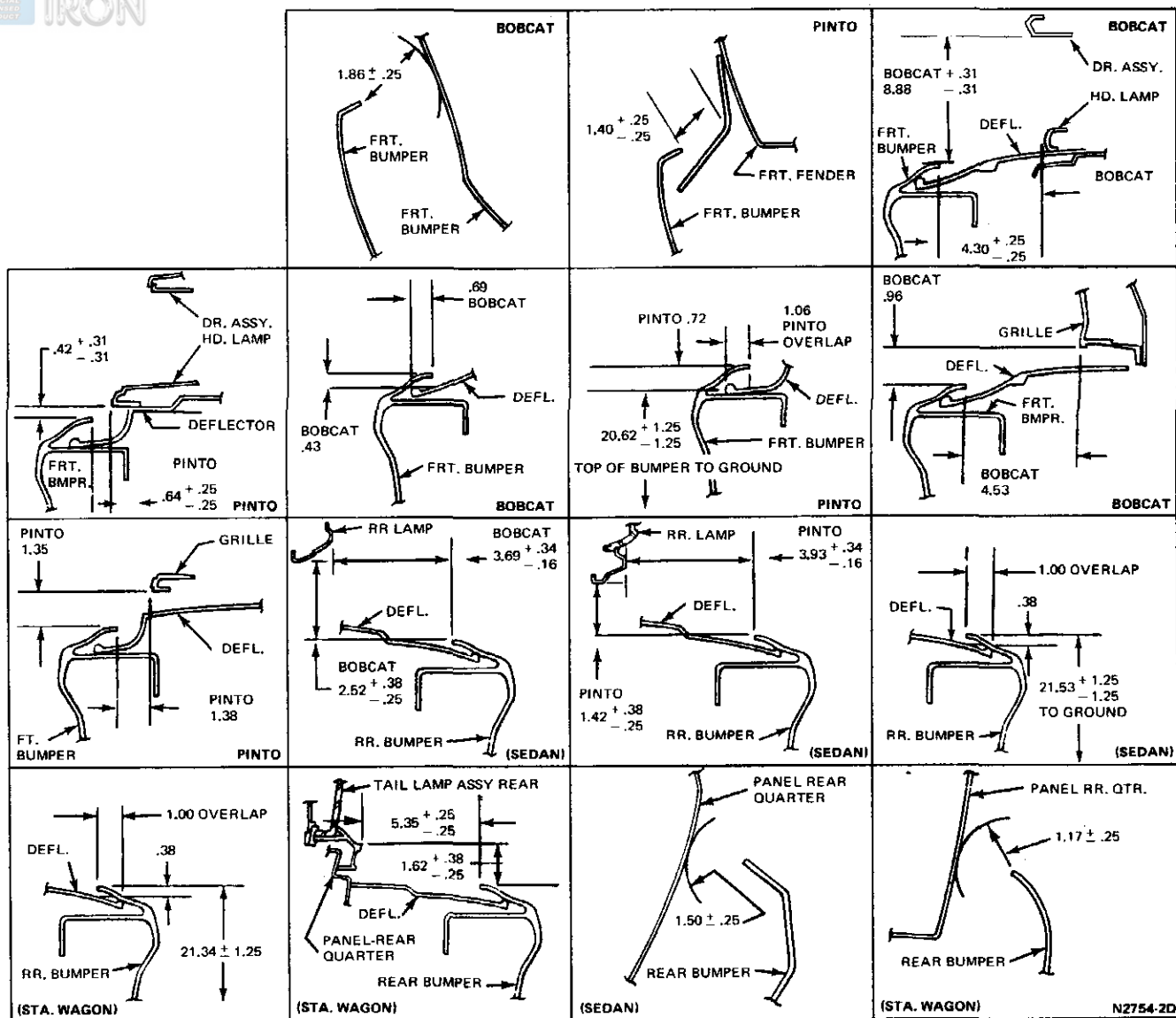


FIG. 5 Bumper Adjustment Specifications—Pinto and Bobcat

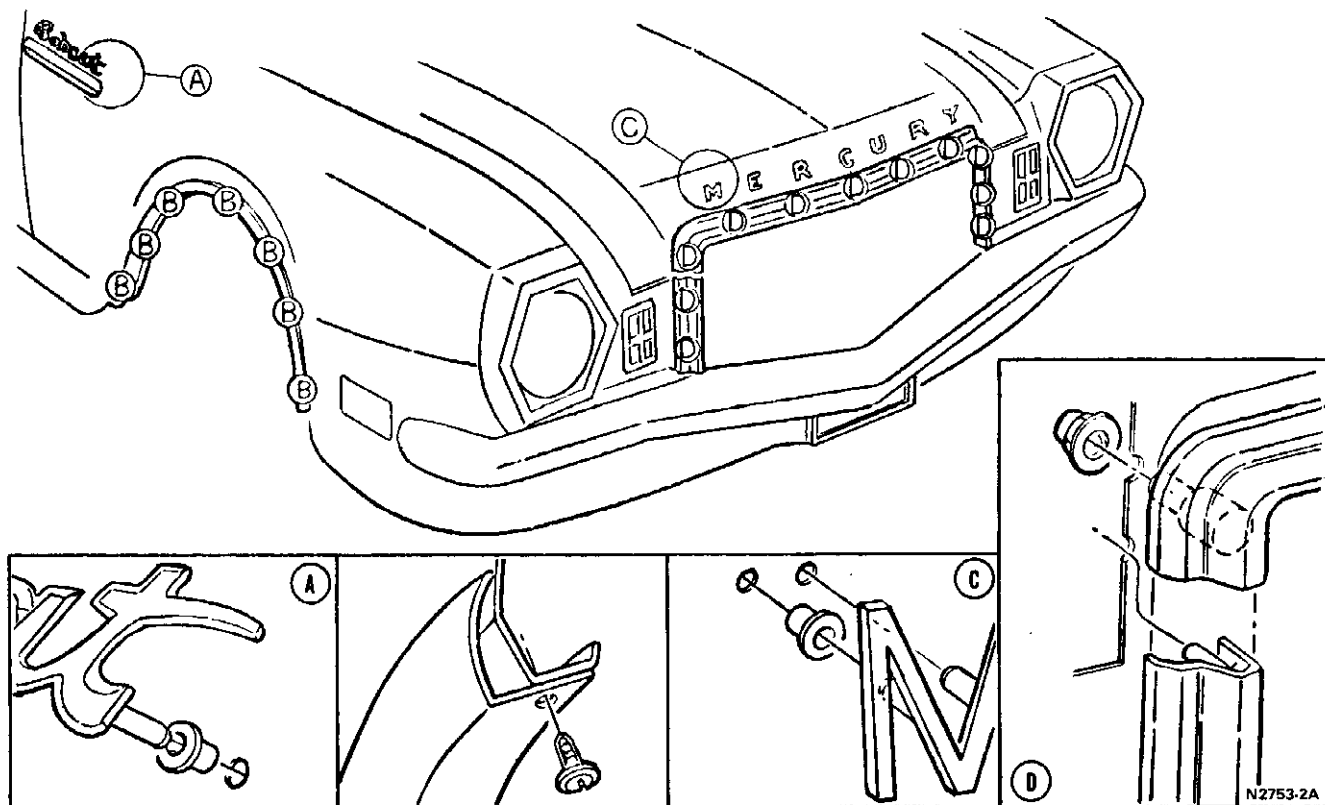


FIG. 6 Front Fender and Hood Exterior Moulding Installation—Bobcat

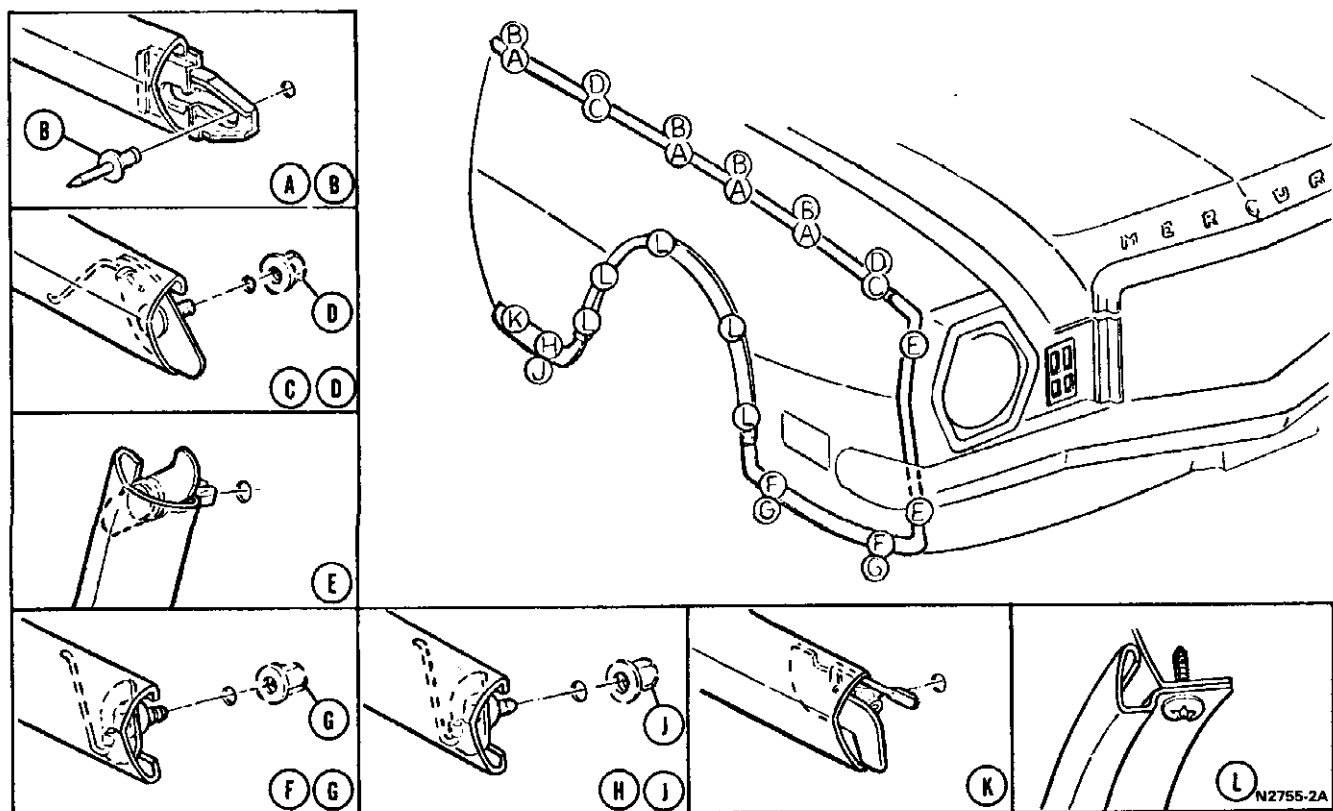


FIG. 7 Front Fender Exterior Moulding Installation—Bobcat Station Wagon

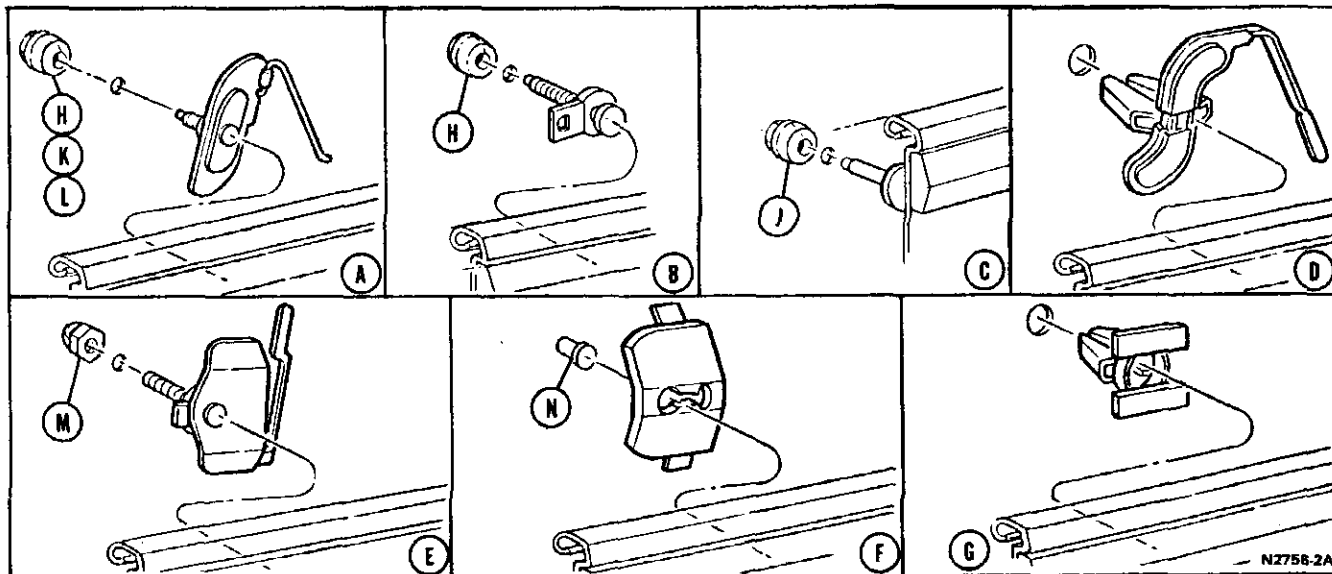
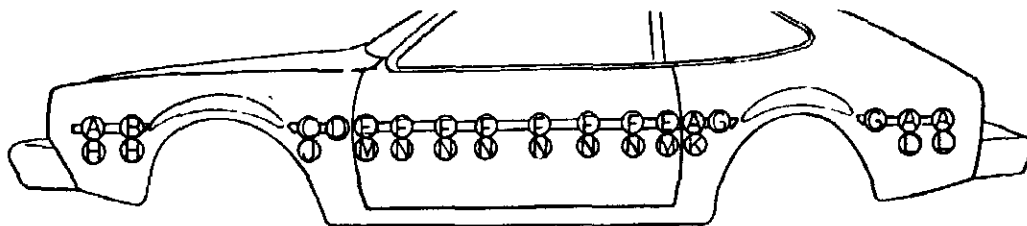


FIG. 8 Optional Vinyl Insert Exterior Side Moulding Installation—Pinto and Bobcat

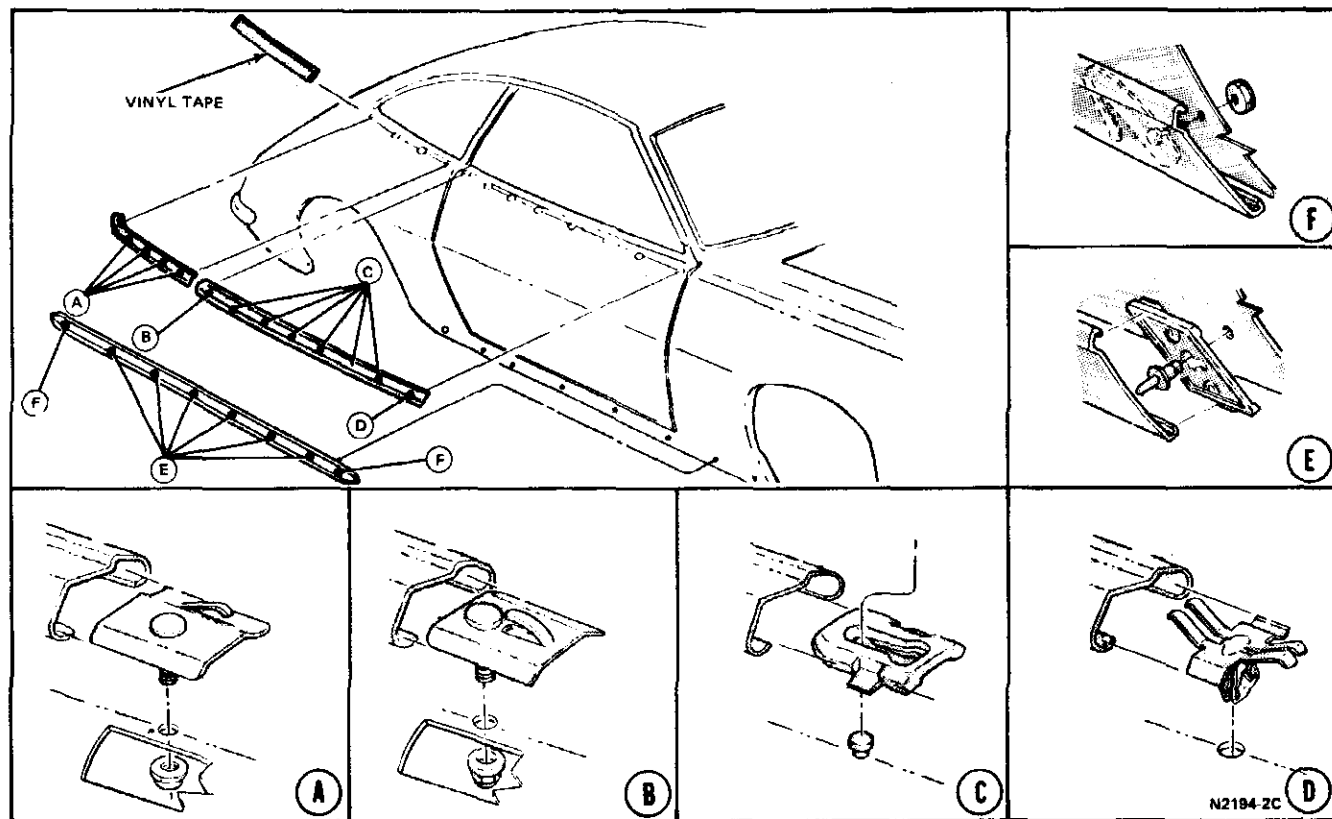
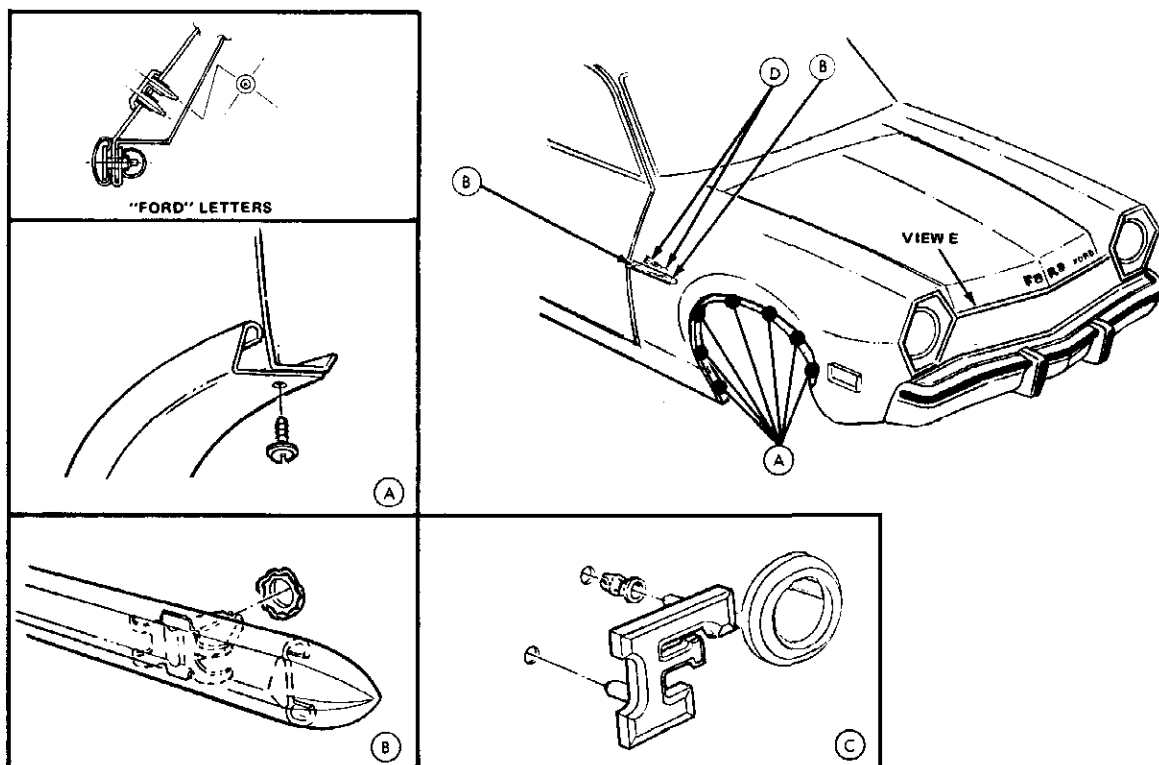
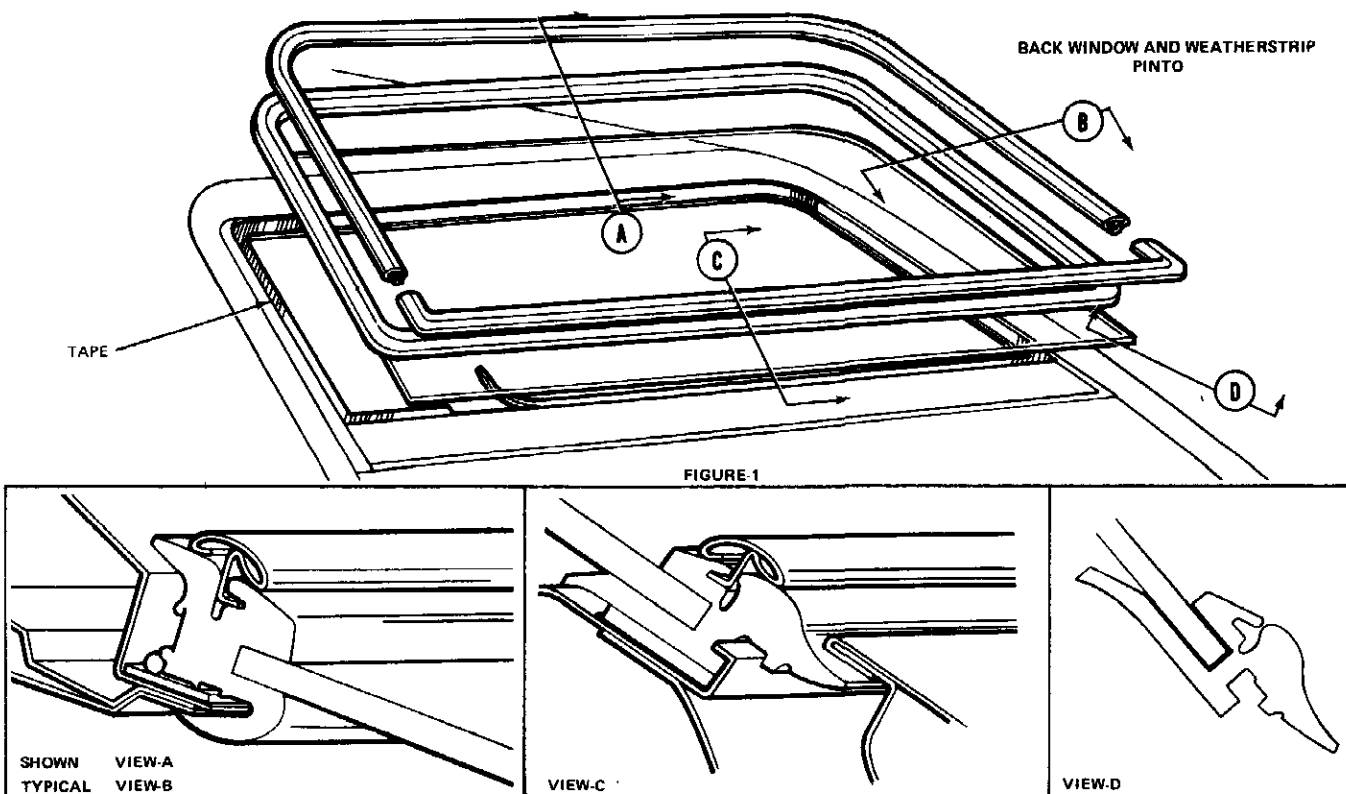


FIG. 9 Optional Body Side Exterior Moulding Installation—Pinto and Bobcat Sedan



N2193-2C

FIG. 10 Front Fender and Hood Exterior Moulding Installation—Pinto



N2651-2C

FIG. 11 Roof-Outside Rear Exterior Moulding Installation

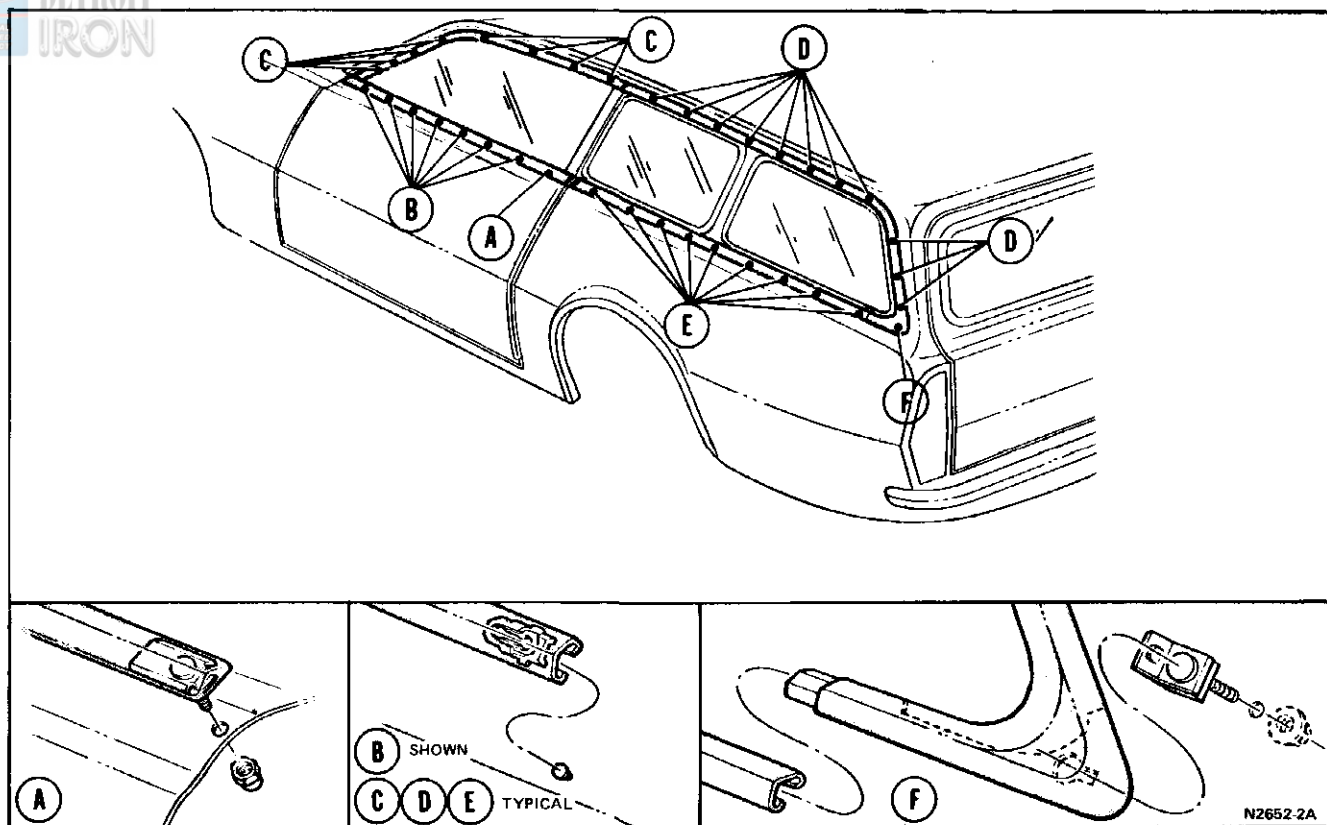


FIG. 12 Belt-Door Window and Quarter Exterior Moulding Installation—Pinto and Bobcat Station Wagon

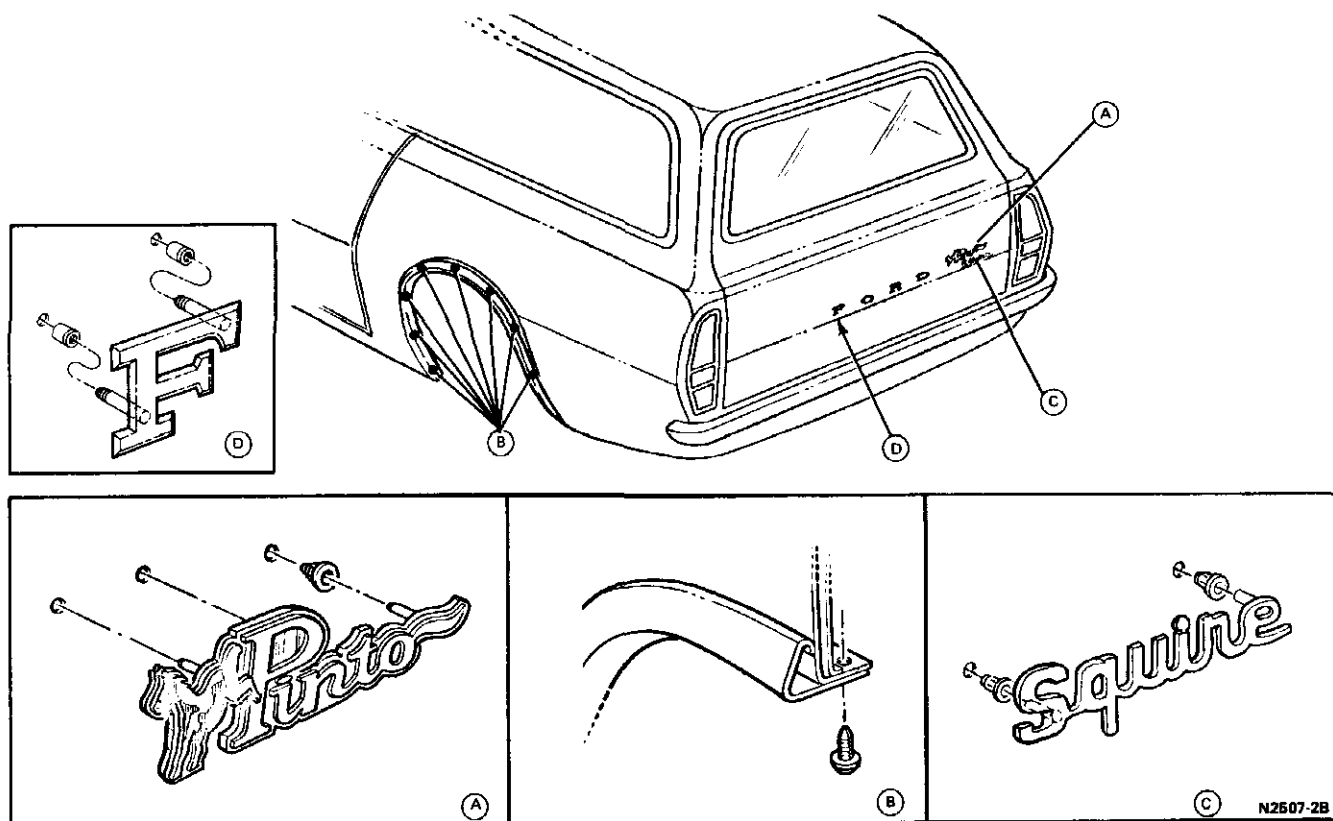
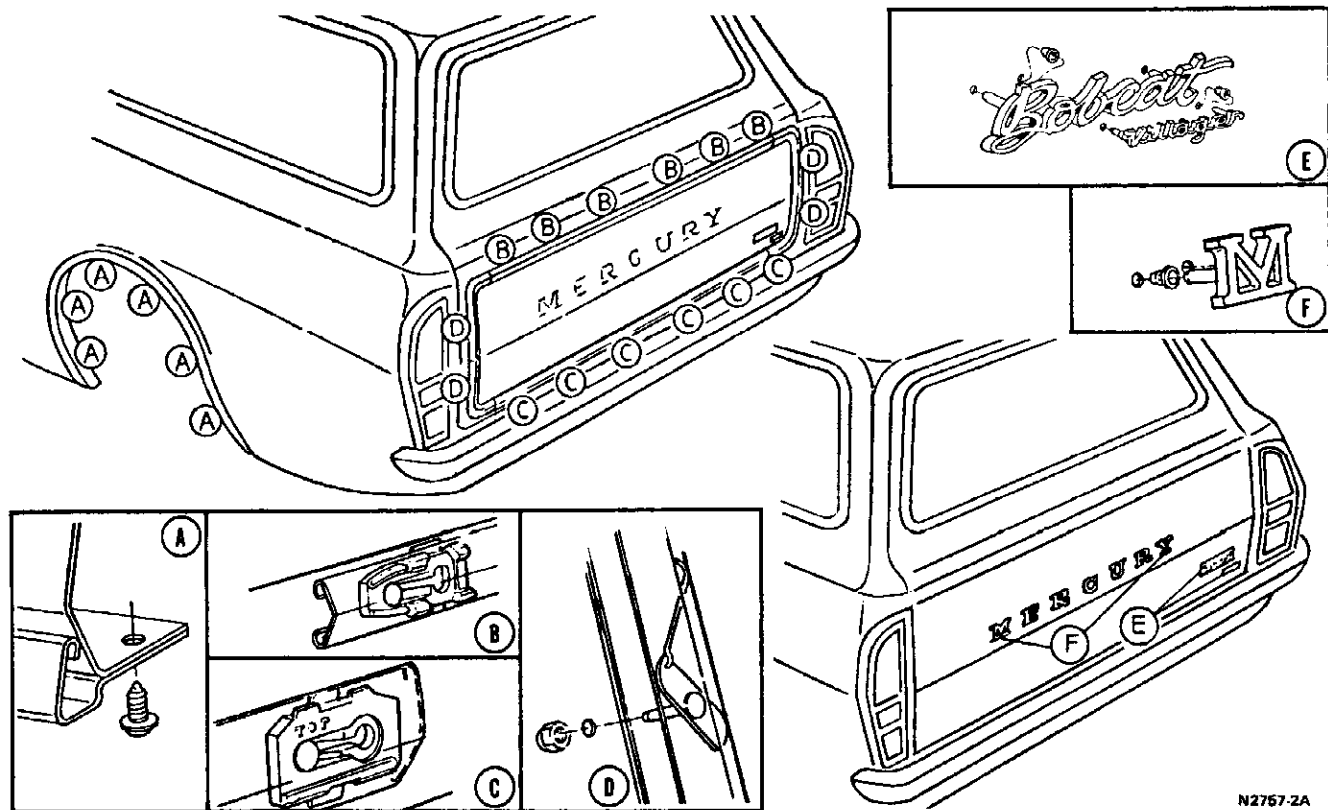
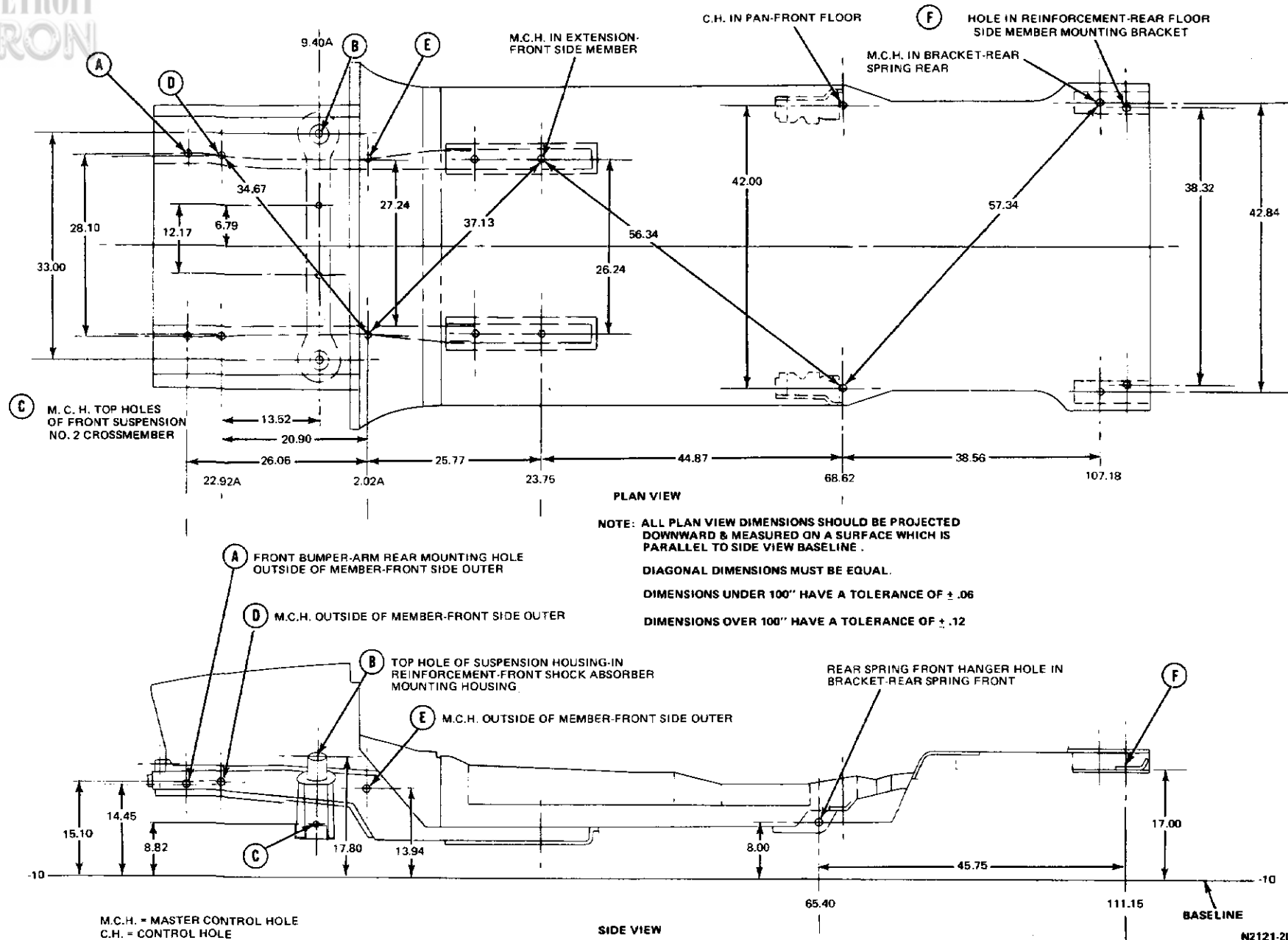


FIG. 13 Body Quarter and Rear Exterior Moulding Installation—Pinto Station Wagon



N2757-2A

FIG. 14 Body Quarter and Rear Exterior Moulding Installation—Bobcat Station Wagon



N2121-2D

FIG. 15 Underbody Dimensions—Sedan—Pinto and Bobcat

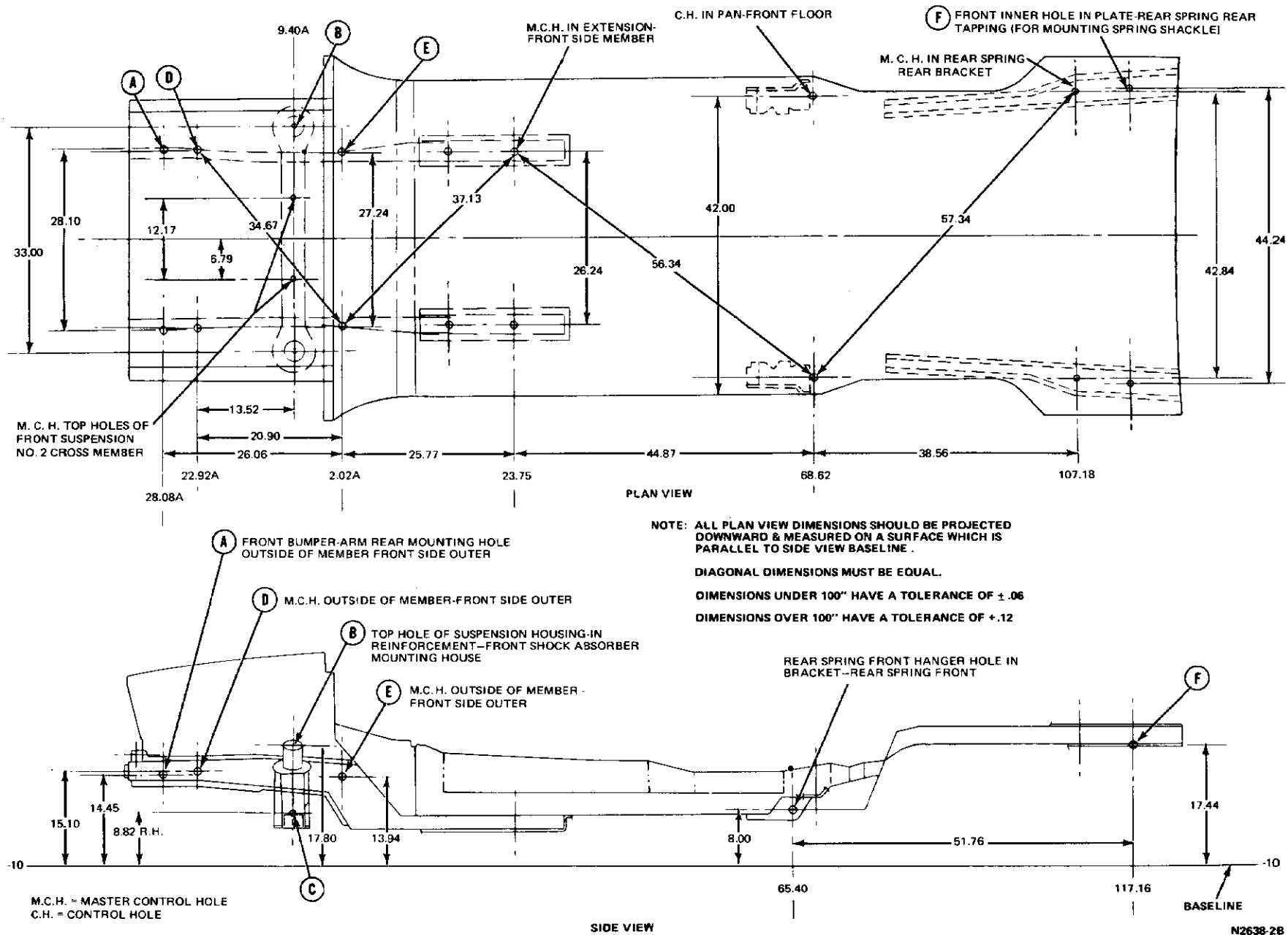


FIG. 16 Underbody Dimensions—Station Wagons—Pinto and Bobcat

Mustang II

PART
47-10

SUBJECT	PAGE	SUBJECT	PAGE
REMOVAL AND INSTALLATION		REMOVAL AND INSTALLATION (Cont'd.)	
Bumper — Front and Rear	10-2	Radiator Grille	10-1
Exterior Mouldings	10-4	Underbody Dimensions	10-3

CN2878-2B

REMOVAL AND INSTALLATION

RADIATOR GRILLE

Removal

1. Open the hood and remove the two parking lamp bulb and socket assemblies from the parking lamps by rotating the bulb sockets counterclockwise and pulling them out of the lamp body.
2. Remove seven grille attaching screws (Fig. 1), and remove the grille.

Installation

1. If the grille is to be replaced, transfer the parking light bodies to the new grille (2 push-on clips each).
2. Position the grille to the grille opening panel and install the seven attaching screws.
3. Position the bulb sockets to the parking lights, and rotate the bulb socket clockwise to lock it into place.

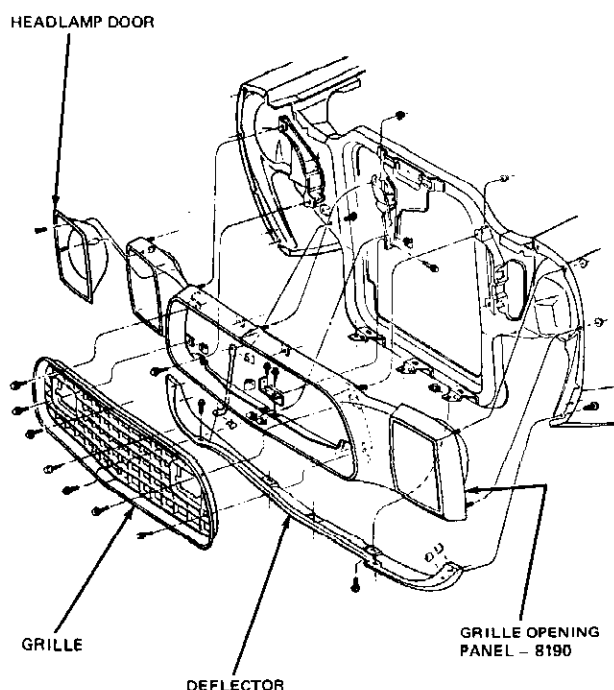
BUMPER—FRONT AND REAR

Removal

1. Remove four bolts attaching the bumper assembly reinforcement to the isolators and remove the bumper from the vehicle.
2. Remove the reinforcement retaining nuts and bolts (Figs. 2 and 3), and separate the reinforcement from the bumper.

Installation

1. If the bumper is to be replaced, transfer the bumper guards and moulding (if so equipped) to the new bumper.
2. Inspect the isolators for fluid leakage. If leakage is found, replace the isolator (Figs. 2 and 3).
3. Position the reinforcement to the bumper and install the retaining nuts and bolts. Tighten the bolts to specification (Figs. 2 and 3).
4. Position the bumper assembly to the isolator and install the attaching bolts.
5. Adjust the bumper height so that the distance from the top edge to ground meets the specifications in Fig. 4. Then, adjust the bumper for body clearance so that the horizontal body to bumper dimensions meet the specifications in Fig. 4. Tighten the isolator-to-reinforcement bolts to 35-50 ft-lbs torque.



N1792-1E

FIG. 1 Radiator Grille Installation—Mustang II
Bumper Guard Rub Strips

Do not remove the bumper guard(s) to replace the bumper guard rub strip(s). Refer to Steps 1 and 2 (Fig. 5) for removal procedures.

Installation

1. Partially insert new spring clips (if needed) into holes in guards.
2. Engage "Tee Bars" on back of rub strip into the head of the clips.
3. Drive the rub strip down with a sharp blow of a **soft-face** mallet over the top clip, and then the bottom clip.

Front and Rear Bumper Rub Strips

Removal

1. Remove the bumper assembly from the isolators.

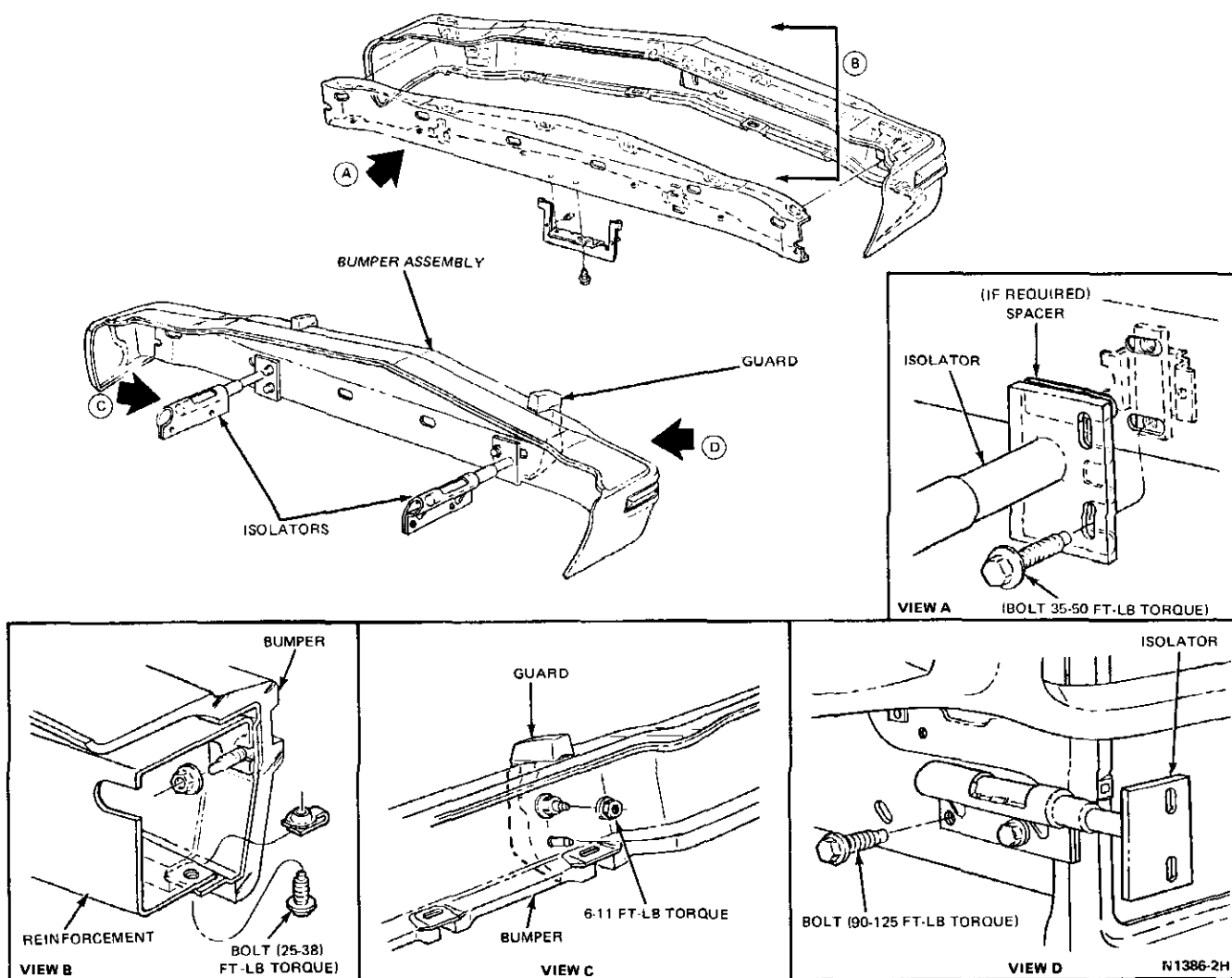


FIG. 2 Front Bumper Installation—Mustang II

- Place the bumper assembly on a clean work bench to protect the painted surface while removing the rub strips.
- Remove the bumper guards (if so equipped).
- From the back side, remove two nuts (one at each end) attaching the end rub strip sections.
- Using a hammer, drive the metal spring clips outward. **Do this only on the rub strip to be replaced.**
- From the front of the bumper, use a screwdriver to pry off the damaged rub strip. **Protect the surface with masking tape before using the screwdriver so as not to damage the surface of the bumper.**
- Engage the "Tee Bars" on back of rub strip(s) into the heads of the spring clips.
- Drive the rub strip(s) down with a sharp blow of a **soft-face mallet** over each spring clip.
- Install the end retaining nuts.
- Install the bumper guards (if so equipped) and tighten the retaining nuts 6-11 ft-lbs torque.
- Install the reinforcement to the bumper if it was removed and tighten the retaining bolts and nuts to specification (Figs. 2 and 3).
- Install the bumper to the isolator, adjust the bumper height (Fig. 4) and tighten isolator-to-reinforcement bolts 35-50 ft-lbs torque.

Installation

- Insert spring clips in holes in bumper. If 386787 clips are used, insert the long tip to full depth using a light mallet. If 387044 clips are used, insert by hand and only to the depth of the barbs.
- Insert retainer(s) at end of rub strip, placing threaded end(s) in hole(s) in bumper, while inserting rub strip into pocket in end of bumper.

EXTERIOR MOULDINGS

Before removing the exterior mouldings, it should be determined by the type of retainer used whether a respective door, quarter or luggage compartment trim panel must first be removed to provide access (Figs. 6 through 9). If a weld stud is distorted or broken off, it should be replaced with an oval head blind rivet (383229-S). Refer to General Information (Part 47-01)

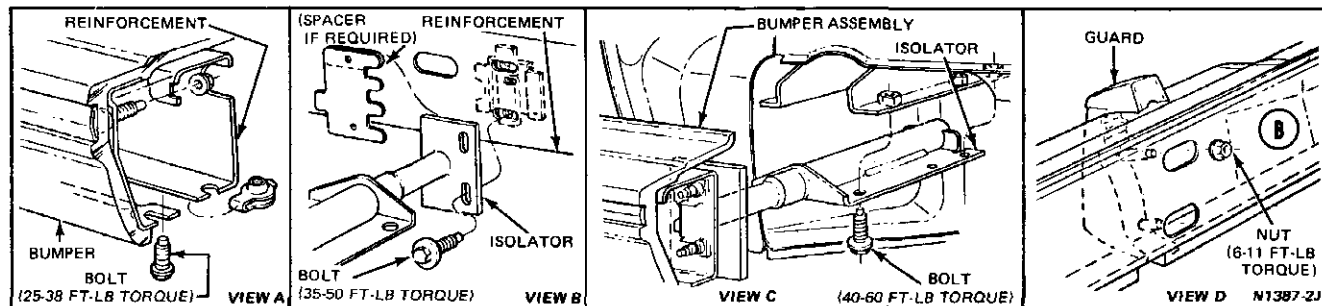
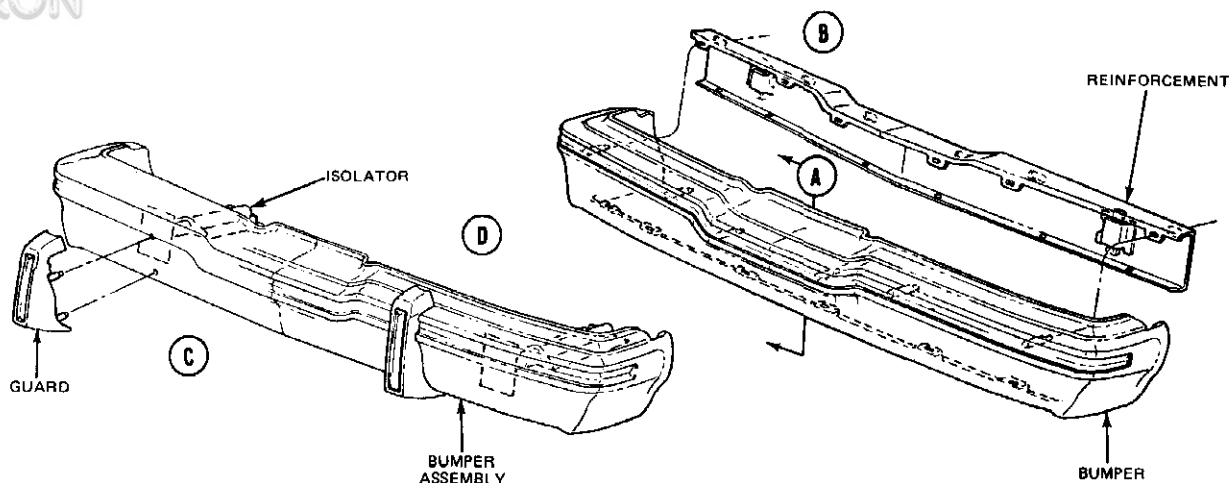
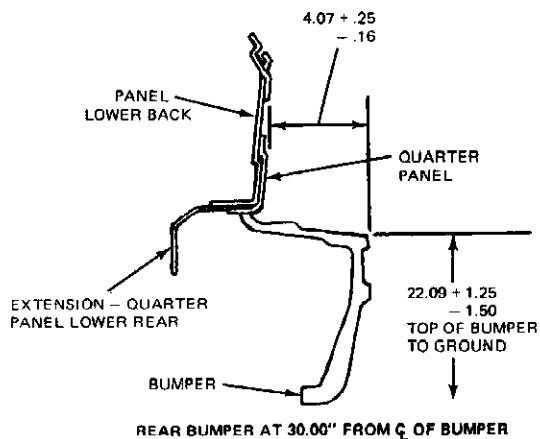
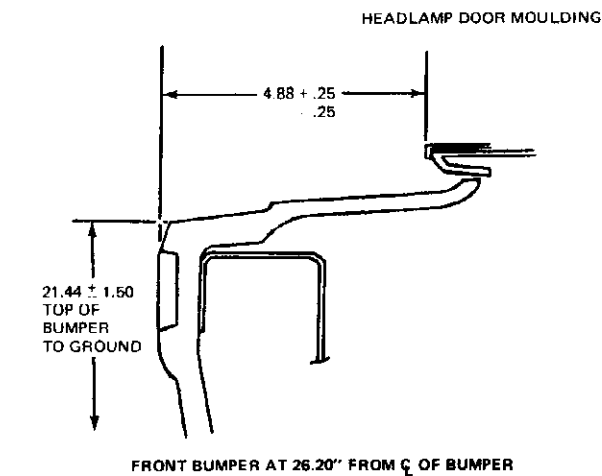


FIG. 3 Rear Bumper Installation—Mustang II

for installation of Pressure Sensitive Tape Type (Body Side Protection Mouldings).

UNDERBODY DIMENSIONS

The Mustang II under body dimensions are shown in Fig. 10. The under body checking dimensions are given in Part 47-01.

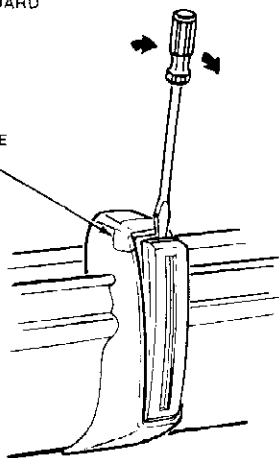


N2724-1B

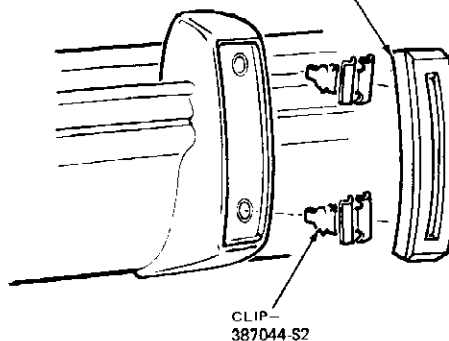
**FIG. 4 Bumper Adjustment Specifications—
Mustang II**

PRY RUB STRIP AWAY
FROM BUMPER GUARD
CAUTION: PRY SCREW
DRIVER IN THE
DIRECTION OF ARROW
TO PREVENT DAMAGE
TO BUMPER GUARD

APPLY
PROTECTIVE
TAPE



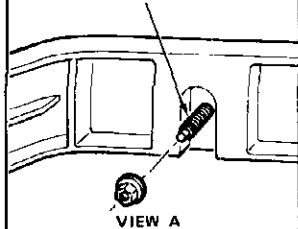
RUB STRIP
FRONT AND REAR
BUMPER GUARD



CLIP—
387044-S2

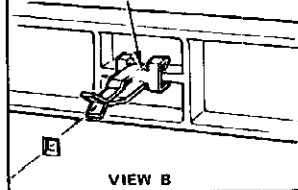
BUMPER GUARD RUB STRIP REMOVAL

RETAINER - FRONT BUMPER
RUB STRIP REAR TYPICAL

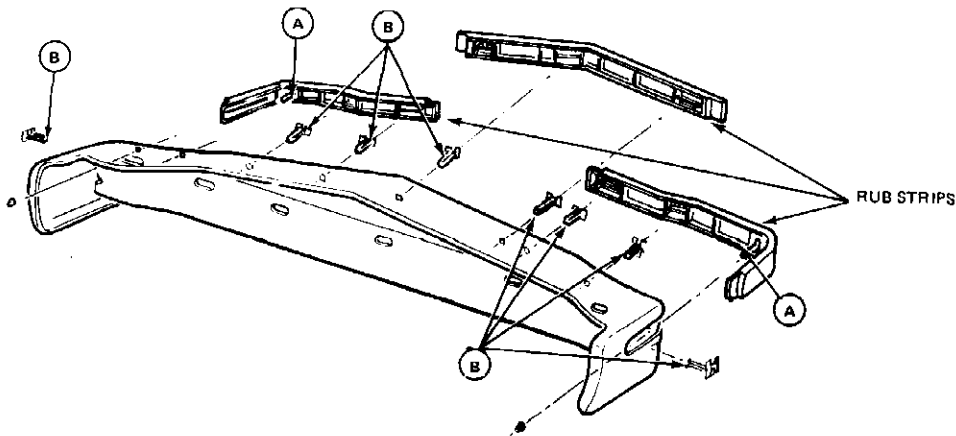


VIEW A

CLIP-386786
FRONT BUMPER RUB STRIP
REAR TYPICAL



VIEW B



RUB STRIPS

FRONT BUMPER AND RUB STRIPS
SHOWN-REAR TYPICAL

FIG. 5 Front Bumper Rub Strips Removal—Rear Similar