

GROUP 8

STEERING GEARS, MAST JACKETS AND STEERING LINKAGE

8-1 REMOVAL AND INSTALLATION OF STEERING MAST JACKET ASSEMBLY

a. Removal

1. Remove pinchbolt from upper half of rag joint coupling (see Figure 8-1).
2. On automatic or three speed synchromesh transmission equipped cars remove clip from shaft rod(s) and pull rod(s) out of mast jacket shift lever(s).
3. On three speed synchromesh transmission equipped cars remove clip securing clutch rod to clutch pedal, and disengage rod.
4. Pry off plastic trim cover from toe pan.
5. Remove screws that retain toe pan cover to toe pan. See Figure 8-2.
6. Disconnect wiring harness from mast jacket.
7. Remove nut that retains mast jacket clamp to instrument panel.
8. Align shift lever(s) with hole in toe pan (automatic and three speed synchromesh transmissions only) and remove jacket assembly.

b. Installation

1. Align shift lever(s) with hole in toe pan (automatic and three speed synchromesh transmissions only) and fit end of mast jacket through hole. Position lower splined end of steering shaft into

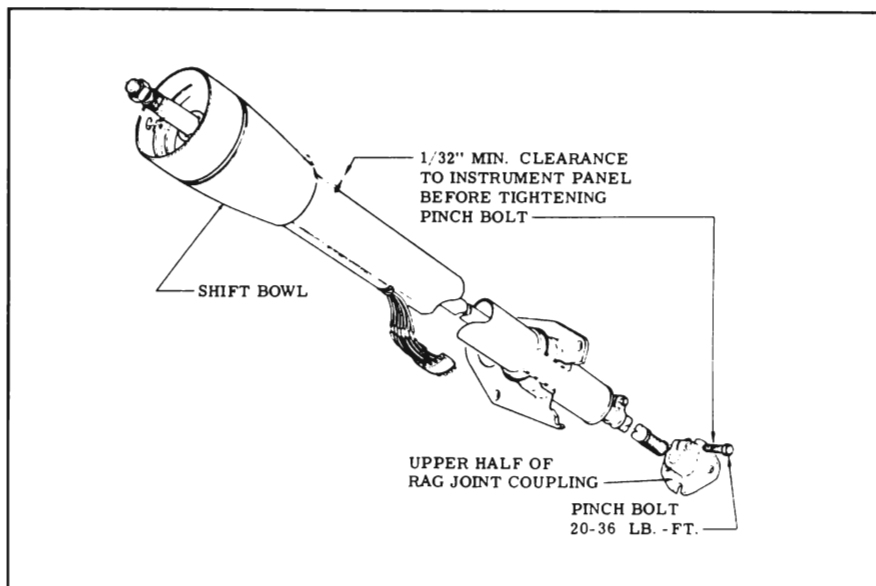


Figure 8-1—Mast Jacket Assembly

upper half of rag joint coupling and loosely attach jacket to instrument panel using mast jacket clamp and nut (see Figure 8-2).

NOTE: When connecting mast jacket to instrument panel be sure to align tab on bracket with slot in mast jacket (see Figure 8-2).

NOTE: When positioning lower splined end of steering shaft into upper half of rag joint coupling, align flat on end of steering shaft to be parallel with pinchbolt on upper half of coupling.

2. Adjust clearance between shift bowl and instrument panel to approximately 1/32 inch, and tighten nut securing mast jacket clamp in position.
3. Install pinchbolt into upper half of rag joint coupling and torque 20-35 lb. ft.

4. Place a bead of body sealer between mating surfaces of toe pan and mast jacket lower cover. Secure cover to toe pan with four screws and washers.

5. Plug wiring harness connectors into switches.
6. On three speed synchromesh transmission cars connect clutch rod to clutch pedal and secure in position with clip.
7. Attach and secure shift rod(s) to shift lever(s) on three speed transmission and automatic transmission equipped cars.

8. On automatic transmission cars check and adjust neutral safety switch. (Refer to paragraph 10-43, sub-paragraph e in 43000-44000 Chassis Service Manual).
9. Install plastic trim cover and secure in position with two fastener pins. Drive pins in place with suitable dowel.

8-2 STEERING GEARS, MAST JACKETS AND STEERING LINKAGE

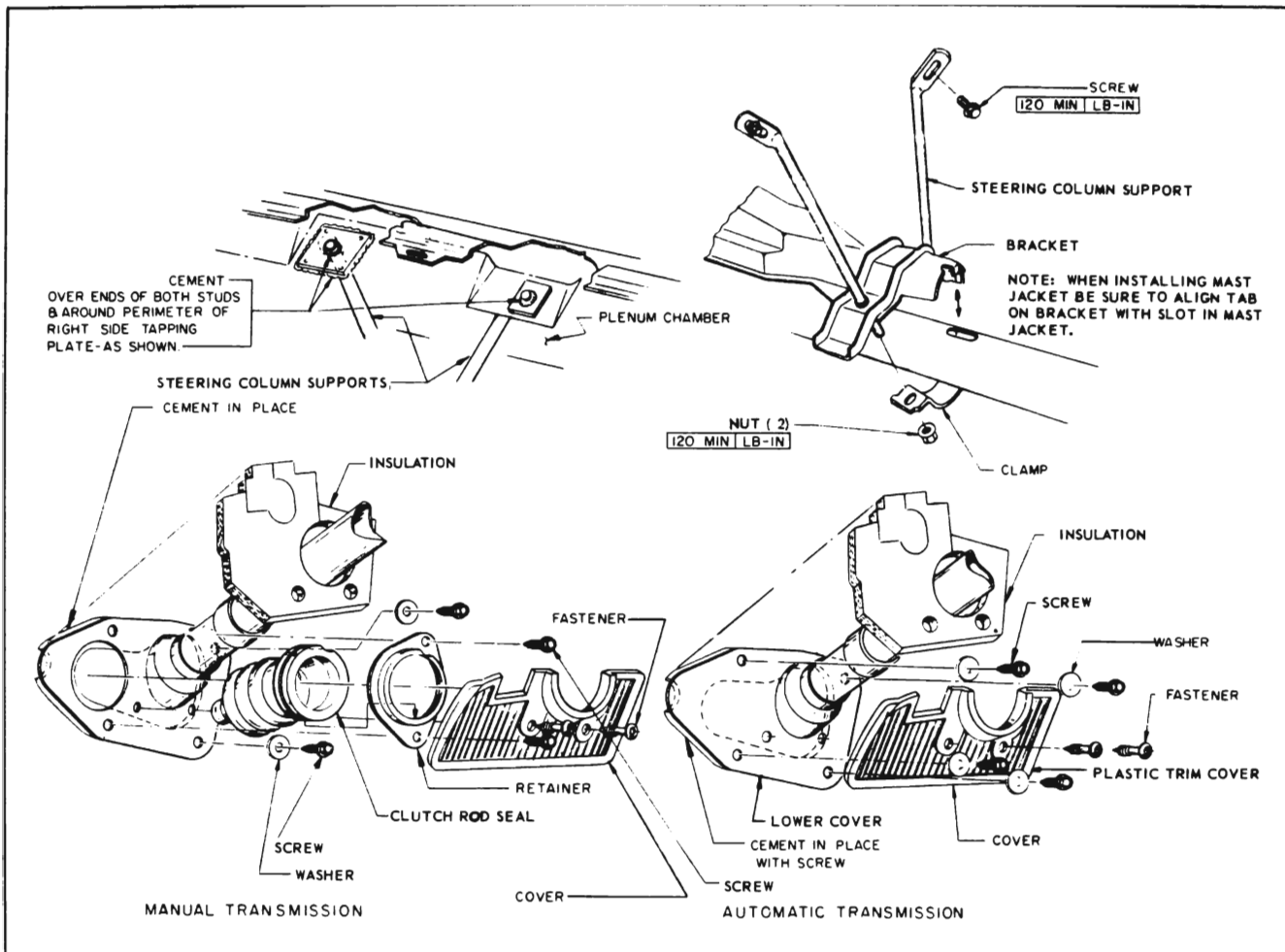


Figure 8-2—Mast Jacket Installation