

JENSEN-HEALEY

Jensen-Healey

INSPECTION

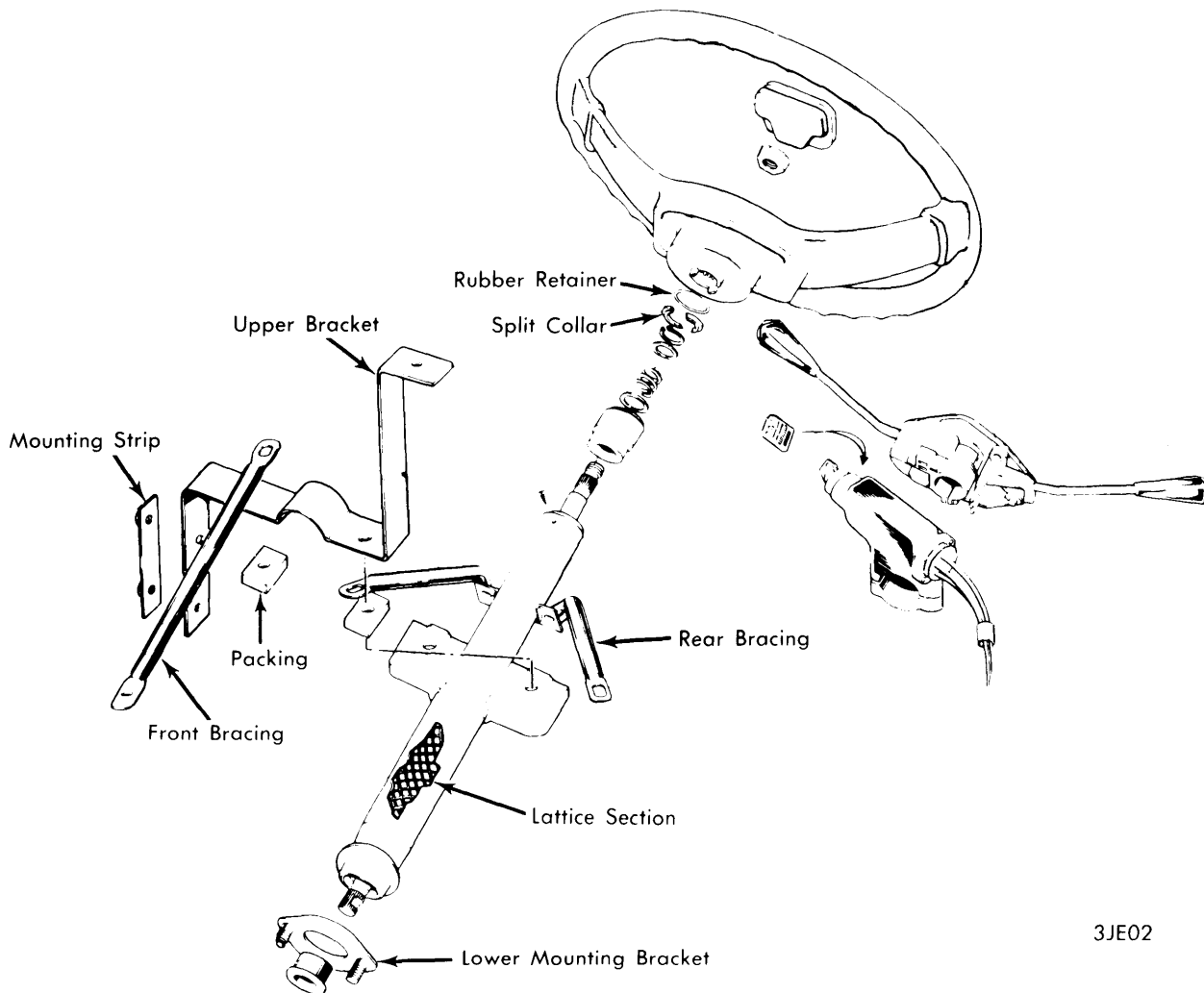
DESCRIPTION

The energy-absorbing steering column, which incorporates a combined steering lock and ignition switch, is supported by brackets at the dash panel and heater console. Column, brackets, and shaft are designed to collapse in event of heavy frontal impact or driver impact on steering wheel. Column has a lattice section which compresses. Steering shaft is of two-piece telescopic construction, with two sections held rigid by plastic injections. Support brackets use two shear pads which are also secured by plastic injections.

CAUTION — It is essential that column assembly be handled with care at all times, or vital components could be damaged.

Column may be inspected while in vehicle; however, if damage to steering shaft is suspected, assembly must be removed.

Gaps between shear pads and mounting bracket indicate plastic injections have sheared. Damage to column may be indicated by bulging or bending of lattice section; however, due to its construction, this section will normally be slightly corrugated. Determine actual damage by measuring overall length of lattice section. If length is less than 10.37" (263mm), section has collapsed. Also, if overall length of steering shaft is more than 29.9" (759mm) or less than 29.86" (758mm), shearing of injections pins is indicated and shaft must be replaced.



3JE02

JENSEN-HEALEY STEERING COLUMN

Steering Columns

JENSEN-HEALEY (Cont.)

REMOVAL & INSTALLATION

Removal – Remove steering wheel and column cowling. Withdraw pinch bolt from universal joint coupling. Slacken bracket bolts and column brace bolts, then withdraw column assembly. Directional indicator assembly and ignition/lock assembly may now be removed.

Installation – 1) Replace ignition/lock assembly, if removed, using new shear-head bolts. Do not break off bolt heads until lock operation checks satisfactory. Replace directional indicator, if removed.

2) Ensure column support lower insulator is in good condition and that lower bracket is installed with flanged side toward panel. Plate with captive nuts should have plain side toward panel and open side toward centerline of vehicle. Do not tighten securing bolts at this time.

3) Smear lower end of column and column support lower insulator with liquid soap. Lower column into position and engage with universal joint. Install and tighten attaching bolts in the following order: upper support bracket bolts, column support lower bracket bolts, column bracing bolts, and universal joint pinch bolt.

4) Replace column cowling. Install steering wheel after setting front wheels straight-ahead and holding steering wheel spokes horizontal. Screw on retaining nut and replace steering wheel center pad.

TIGHTENING SPECIFICATIONS	
Application	Ft. Lbs. (mkg)
Upper Support Bracket Bolts	18 (2.49)
Column Support Lower Bracket Bolts	32 (4.42)
Column Bracing Bolts	32 (4.42)
Universal Joint Pinch Bolt	35 (4.84)
Steering Wheel Nut	30 (4.15)