

4A-8 PROPELLER SHAFT

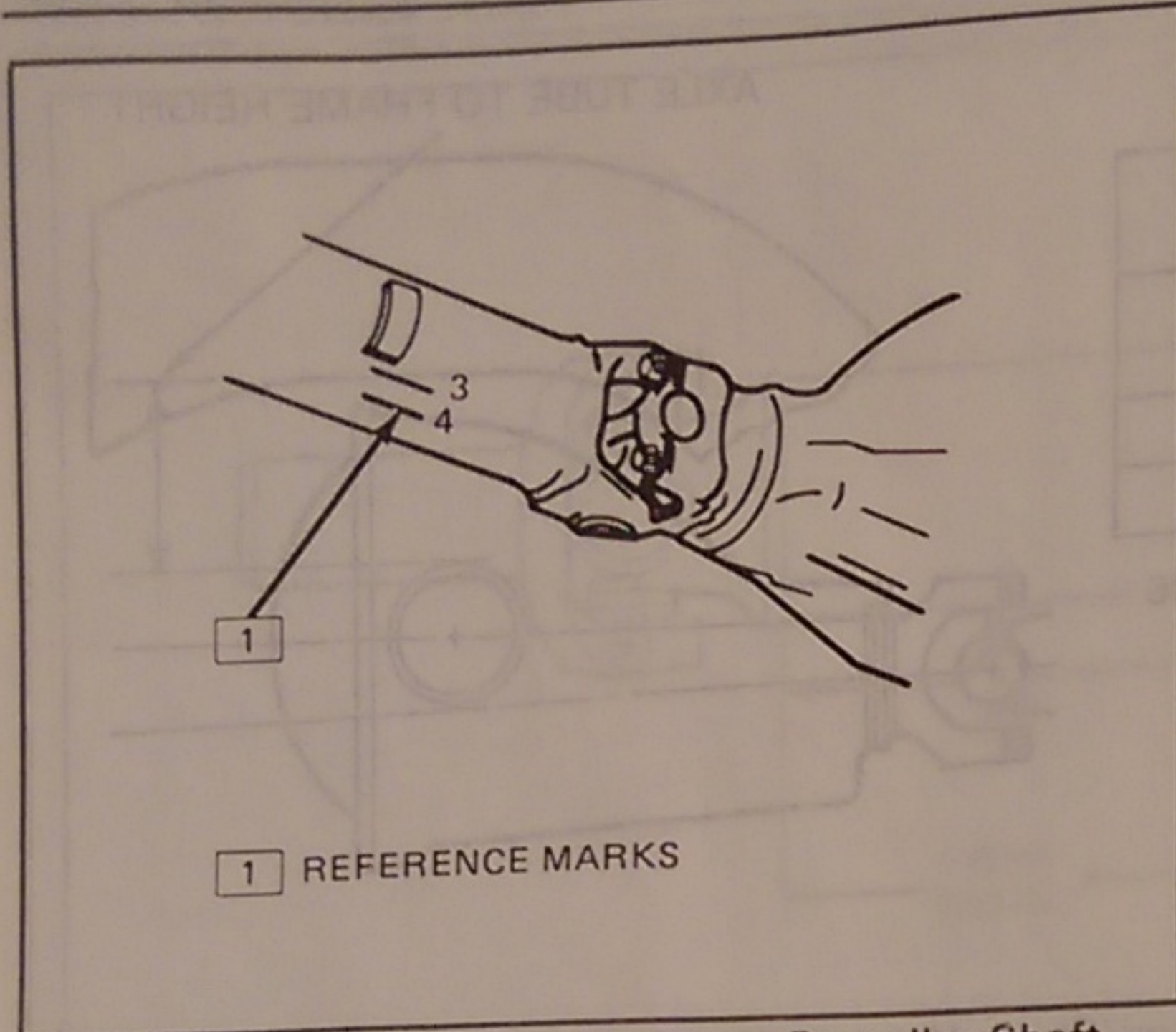


Figure 4A-11 Reference Marks on Propeller Shaft

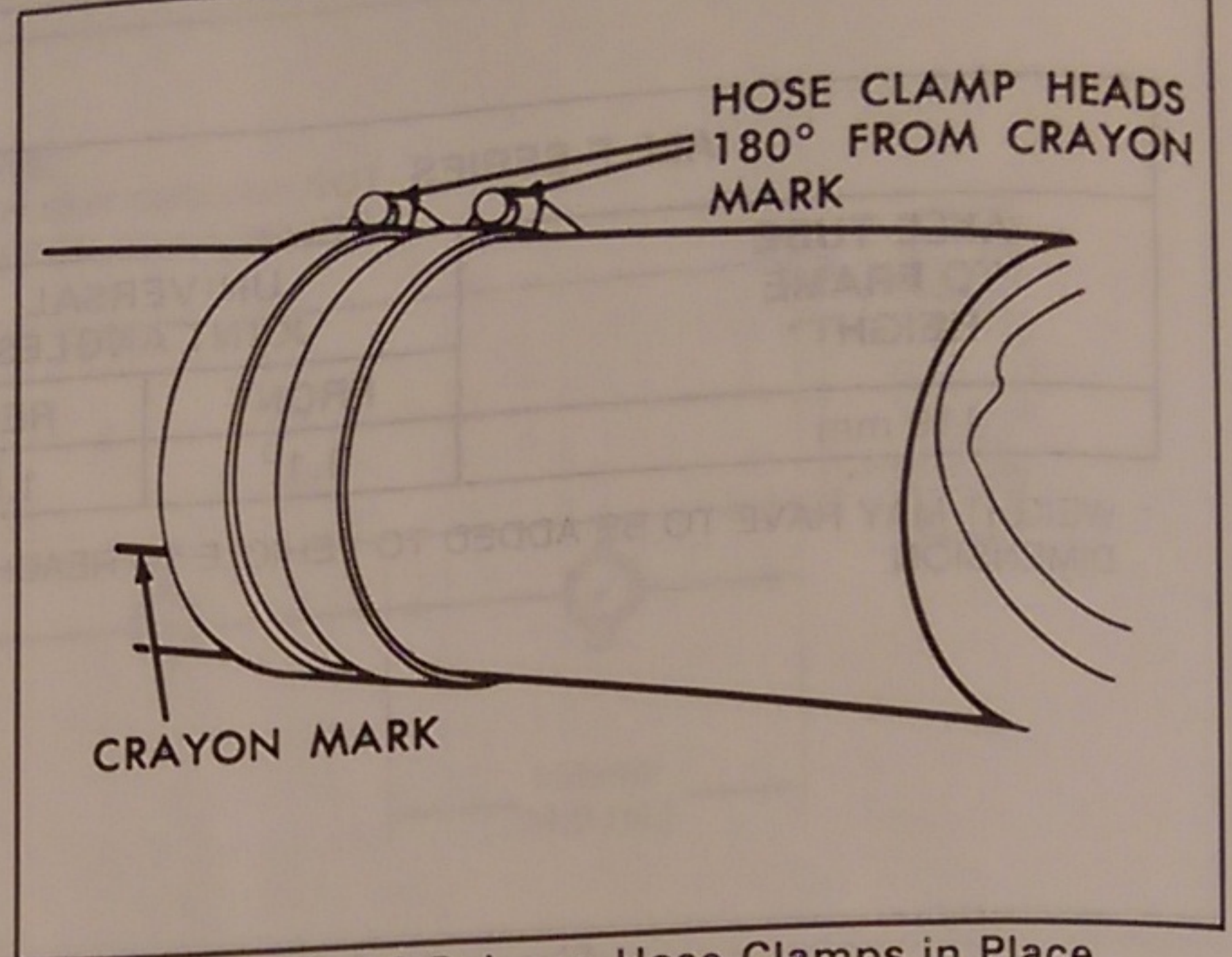


Figure 4A-12 Balance Hose Clamps in Place

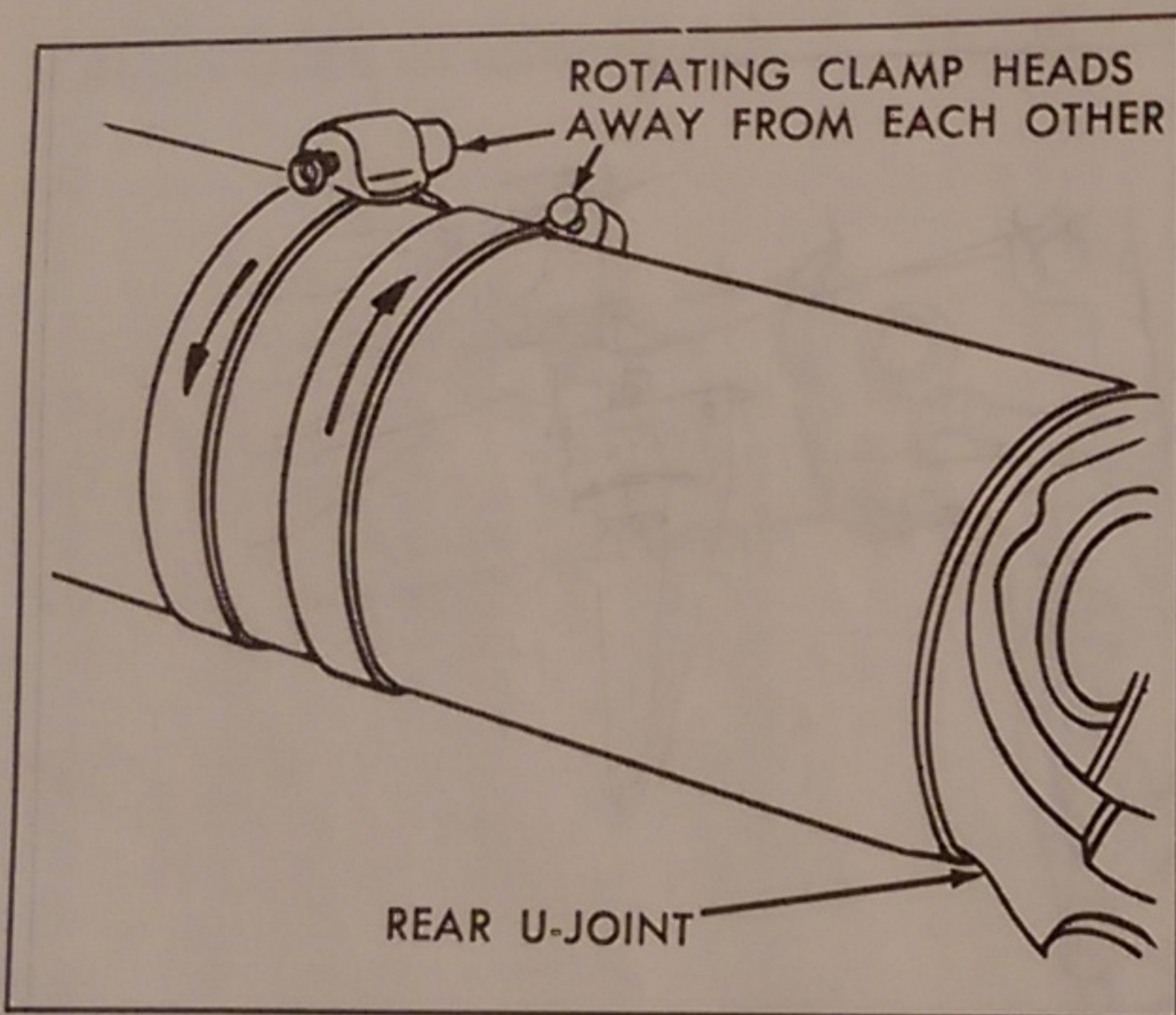


Figure 4A-13 Rotating Balance Hose Clamps

UNIT REPAIR

PROPELLER SHAFT

Removal

NOTICE: Do not pound on original propeller shaft yoke ears as nylon injected joints may fracture.

1. Raise vehicle on hoist. Mark relationship of shaft to rear axle pinion companion flange and disconnect the rear universal joint by removing strap bolts. If bearing caps are loose, tape together to prevent dropping and loss of bearing rollers.
2. Withdraw propeller shaft slip yoke from transmission by moving it rearward and passing it under the axle carrier.

NOTICE: Do not allow propeller shaft to drop or allow universal joints to bend to an extreme angle, since this may fracture the nylon injected joint internally. Support propeller shaft during removal.

Installation

NOTICE: The propeller shaft must be supported carefully during handling to avoid jamming or bending any of the parts.

1. Inspect outer diameter of splined yoke to ensure it is not burred since this may cause damage to the transmission extension housing seal and/or bushing. Inspect splines of slip yoke for damage or wear.
2. Apply lubricant to splined propeller shaft yoke and slide yoke/propeller shaft assembly onto transmission output shaft. **Do not drive propeller shaft in place with hammer. Check for burrs on transmission output shaft spline, twisted slip yoke splines, or possibly the wrong slip yoke. Make sure that the splines agree in number and fit. To prevent truunion seal damage, do not**