

Fig. 10—Rear Spring (Fury)

spring hanger.
 (8) Loosen and remove shackle nuts and remove shackle from rear spring.

Installation

Inspect rear spring front pivot bolt bushing and if necessary, replace bushing, see "Pivot Bushing Replacement" procedure.

- (1) Assemble shackle and bushings in rear of spring and rear spring hanger. (Do not lubricate rubber bushings.) Start shackle bolt nut. Do not tighten.
- (2) Assemble front spring hanger to front spring eye and install pivot bolt and nut. Do not tighten.
- (3) Position rear spring hanger to body bracket and install bolts and tighten bolts to 30 foot-pounds.
- (4) Raise the spring and start the spring hanger bolts in mounting bracket holes (light leverage such as: mechanics shoulder under spring might be necessary to position spring hanger studs in mounting bracket holes. Install nuts and tighten to 30 foot-pounds.
- (5) Lower axle assembly into correct position with axle centered over spring center bolt.
- (6) Correctly position the lower spring plate and install "U" bolts and nuts and tighten nuts 40 foot-pounds (Valiant and Belvedere with 7-1/4" axle) and 45 foot-pounds (all other models). Do not over tighten "U" bolt nuts.
- (7) Install shock absorber on stud and tighten nut 50 foot-pounds.
- (8) Lower vehicle to floor and with full weight of vehicle on the wheels, tighten pivot bolts and/or nuts 60 foot-pounds on 170 cubic inch 6 cylinder (Valiant), and 125 foot-pounds on all other models. Tighten shackle nuts 35 foot-pounds (Belvedere-Satellite and Fury), 30 foot-pounds (Valiant).
- (9) It is recommended that after a rear spring has

been replaced, that the vehicle be driven and the front suspension heights be remeasured and corrected if necessary.

Pivot Bushing Replacement

The removal of old bushings and installation of new bushings is performed in one operation, using Tool C-3709, (8 Cylinder models) or Tool C-3729 (6 Cylinder models) (Fig. 11).

- (1) Raise vehicle on hoist to a comfortable working position.
- (2) Using floor stands under axle assembly, raise axle assembly to relieve weight on rear spring.
- (3) Disconnect rear shock absorber at spring plate lower mounting stud. Lower axle assembly, permitting rear springs to hang free.
- (4) To replace front pivot bushing, remove rear spring front hanger from body bracket. Remove pivot bolt and hanger from spring.
- (5) Place new bushings on Tool C-3709 (8 Cylinder models) or Tool C-3729 (6 Cylinder models) (Fig. 11). Arrange tool in spring eye, then press out old bushing while pressing new bushing in one operation.
- (6) Assemble front hanger to spring but do not tighten pivot bolt nut until full weight of vehicle is on wheels.
- (7) Attach spring hanger to body bracket and tighten mounting bolts to 30 foot-pounds.
- (8) To replace rear spring shackle bushings remove rear spring hanger from body bracket. Remove shackle, then slide bushings out of spring and hanger.
- (9) Insert new bushings in spring and hanger then assemble shackle and hanger on spring. Start shackle bolt nuts.
- (10) Attach hanger to body bracket and tighten mounting bolt to 30 foot-pounds.
- (11) Lower vehicle to floor and with full weight of vehicle on the wheels, tighten pivot bolts-and/or nuts

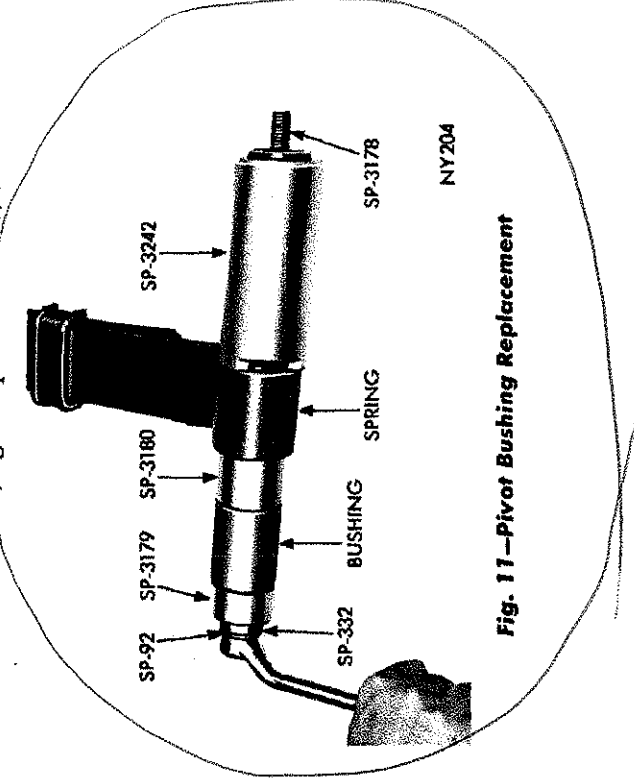


Fig. 11—Pivot Bushing Replacement