

sorber. Repeat operation 4 and 5 prior to installation of a new shock absorber. (New shock absorbers may have a greater resistance than an old one due to friction of new seal).

### Installation

(1) To install upper rubber bushing, remove inner steel sleeve and immerse bushing in water (DO NOT use oil or soap) and with a twisting motion, start bushing into hole of upper mounting bracket, then tap into position with a hammer. Reinstall steel inner sleeve in bushing.

(2) Install lower mounting bushing in eye of shock absorber using Tool C-3553 (Fig. 3).

(3) Test and expel air from shock absorber, then, compress to its shortest length. Position washer on upper rod of shock absorber and insert rod through upper bushing and install upper compression washer and nut and tighten to 25 foot-pounds.

(4) Position and align lower eye of shock absorber with that of lower control arm mounting holes. Install bolt (from rear side only on Dart) and nut and tighten to 50 foot-pounds with the full weight of vehicle on the wheels.

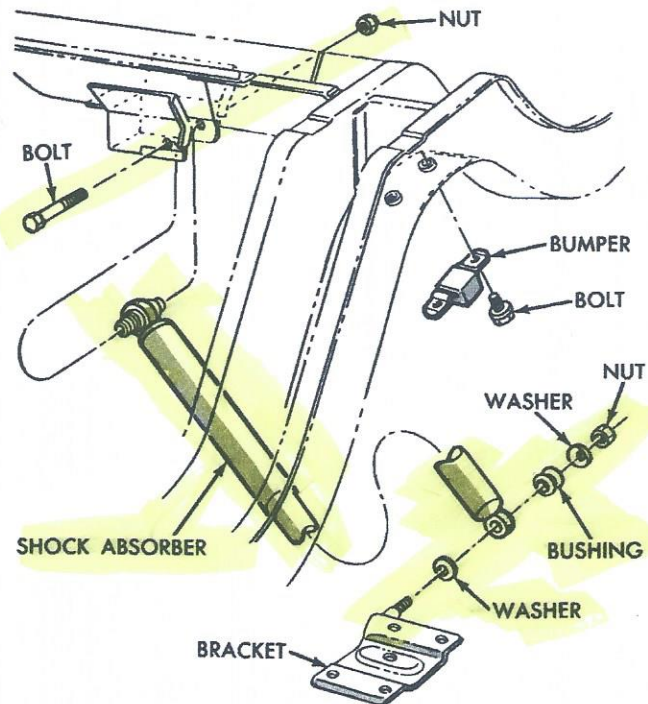
### Rear—Removal (Figs. 4 and 5)

(1) Raise vehicle on hoist to a comfortable working position.

(2) Using floor stands under axle assembly, raise axle to relieve load on shock absorber.

(3) Loosen and remove nut and washer attaching shock absorbers to spring plate mounting stud and remove shock absorber from stud.

(4) Loosen and remove nut and bolt from upper shock absorber mounting, and remove shock absorber. (On Challenger models it is necessary to remove rubber plug in luggage compartment to gain access



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**Fig. 5—Rear Shock Absorber (Challenger)**

to upper mounting bolt nut, in order to remove). (Dart remove nut and washer and remove shock absorber).

(5) Inspect appearance of shock absorber mounting bushings and if they appear damaged or deteriorated, remove and replace.

(6) Test and expel air from shock absorber before installation, see "Testing and Expelling Air" procedure.

### Installation

(1) On Coronet and Charger models position and align upper eye of shock absorber with mounting holes in crossmember and install bolt and nut. Dart models position washer on shock absorber mounting stud and install shock absorber on stud followed by remaining cupped washer and nut.

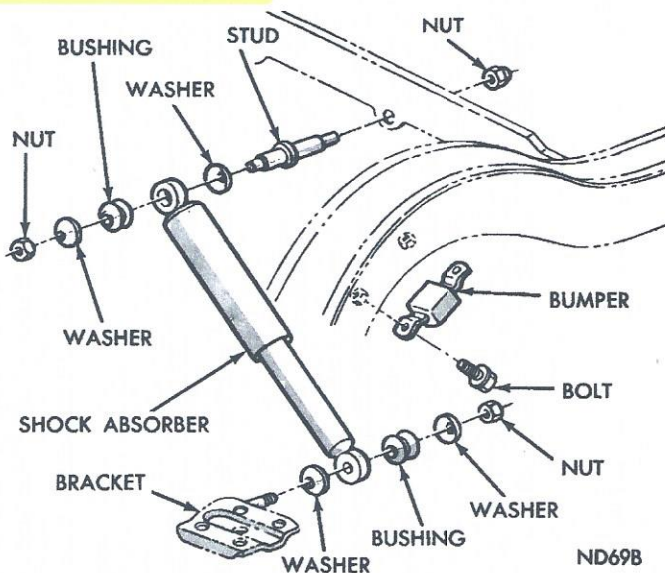
(2) Position washer on shock absorber mounting stud and install shock absorber on stud followed by remaining cupped washer and nut.

(3) Lower vehicle until full weight of vehicle is on the wheels. Tighten upper nut 70 foot-pounds, (Dart 50 foot-pounds). Tighten lower nut 50 foot-pounds. (Challenger models reinstall rubber plug in floor pan of luggage compartment).

### REAR SPRINGS (Figs. 6 and 7)

#### Measuring Spring Height

When measuring rear spring heights, vehicle should be placed on a level floor, have correct front



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**Fig. 4—Rear Shock Absorber (Dart)**