

## ADJUSTMENTS WITH TRANSMISSION IN CAR

### CONTENTS OF THIS SECTION

Subject	Page
Throttle Control Linkage—Adjust .....	39
Selector Lever Linkage—Adjust .....	40
Neutralizer Switch—Adjust .....	40
Front and Rear Band—Adjust (Oil Pan Removed) .....	40

### THROTTLE CONTROL LINKAGE—ADJUST

**CAUTION:** *Linkage operation will not be satisfactory if binding or excessive wear exists.*

1. Loosen both nuts on throttle control transmission rod trunnion.
2. Adjust engine idle speed 450 to 470 RPM with engine at normal operating temperature, and control lever in neutral.
3. Shut off engine and install linkage adjustment

pin J-2544 through holes in lever and bracket at "A" (Fig. 39).

4. With idle adjusting screw seated against its stop, adjust length of carburetor throttle rod (Fig. 39) at lock nuts so that gauge pin is free in hole "A". Leave pin installed and tighten lock nuts securely. Recheck freeness of gauge pin in holes.

5. Push throttle control transmission rod downward until the throttle control outer lever is felt to touch end of travel. **CAUTION:** Make sure when lever is in this position that top lock nut is not touching trunnion.

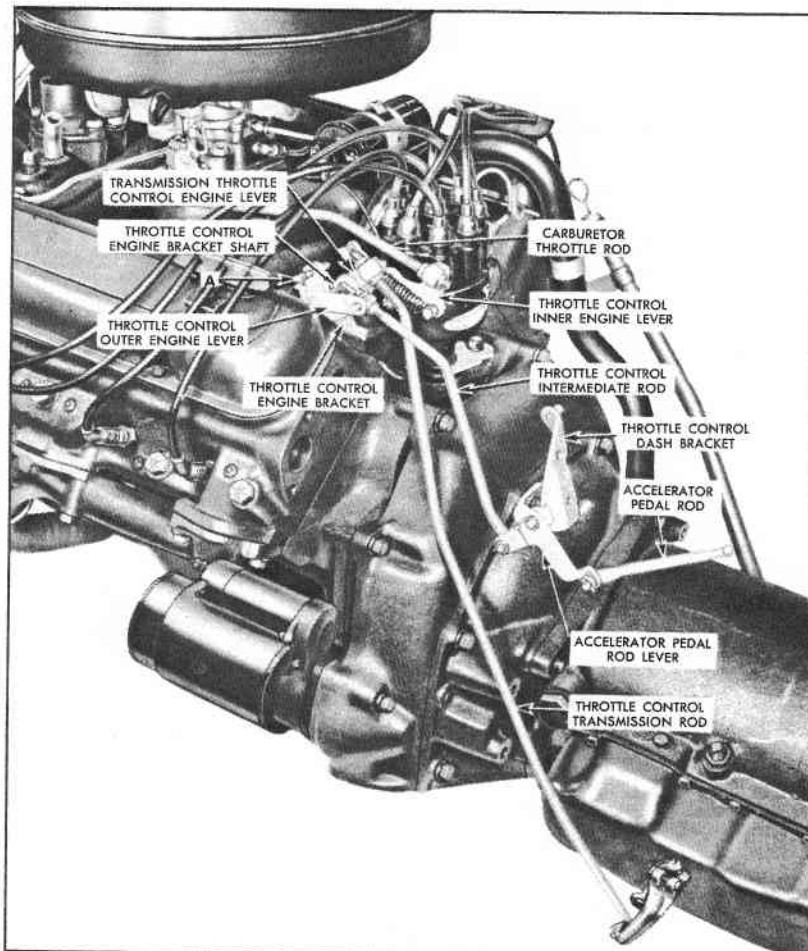


Fig. 39 Throttle Control Linkage

6. While holding the throttle control transmission rod in this position tighten upper and lower trunnion lock nuts. Shorten throttle control transmission rod by backing off trunnion rear nut two full turns. Tighten front trunnion lock nut securely. Remove gauge pin from "A."

7. Loosen lock nuts on throttle control intermediate rod trunnion (Fig. 39).

8. Push throttle control intermediate rod downward through trunnion until accelerator pedal rod is felt to touch the end of its travel. Then shorten intermediate rod enough to allow  $\frac{1}{8}$ " clearance between accelerator pedal rod lever and underside of rubber bellows. Three turns of the trunnion nut usually gives the correct clearance.

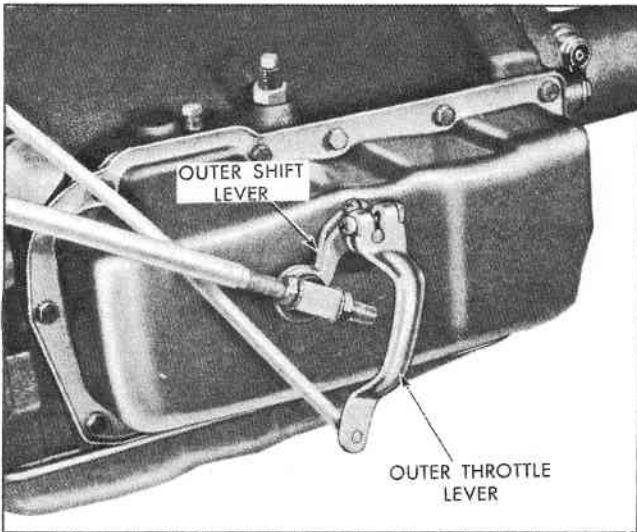


Fig. 40 Outer Throttle and Shift Control Levers

### SELECTOR LEVER LINKAGE—ADJUST

1. Place gearshift indicator in "drive right" position against stop which prohibits accidental shift into low range.

2. Loosen both front and rear trunnion lock nuts (Fig. 40) and remove trunnion from outer shift lever.

3. Make sure that transmission outer shift lever is in "drive right" position (second detent from front).

4. Install trunnion (with lock nuts loose) in outer shift lever, tighten front lock nut against trunnion finger tight to remove clearance in linkage, tighten front lock nut one complete turn to lengthen rod.

5. Tighten rear lock nut against trunnion.

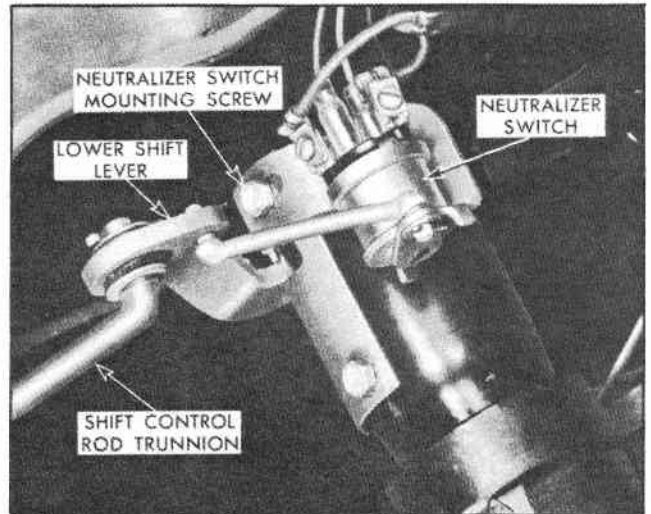


Fig. 41 Selector Lever Linkage

### NEUTRALIZER SWITCH—ADJUST

1. Place selector lever in DR left position.

2. Loosen neutralizer switch mounting screw (Fig. 41).

3. Adjust neutralizer switch bracket to a position where starter will not operate when ignition key is turned to the start position.

4. Place manual control lever in N position.

5. Make certain that neutralizer switch arm does not touch stop on switch bracket.

6. Tighten mounting screw securely.

### FRONT AND REAR BANDS—ADJUST

#### (Transmission Oil Pan Removed)

1. Place front end of car on car jacks.

2. Remove oil pan drain plug to drain fluid.

3. Remove oil pan.

4. Loosen rear servo band adjusting screw lock nut.

5. Adjust bands as described on pages 108-109.