

## Band Adjustment — External Method

Before adjusting either front or rear band, set car hand brake, then chock wheels, making certain car does not move during adjustment.

To expose floorboard access cover over band-adjusting screws, remove accelerator pedal and lift floor mat on left (driver's) side. Remove access cover. Start engine. Run until normal operating temperature is reached.

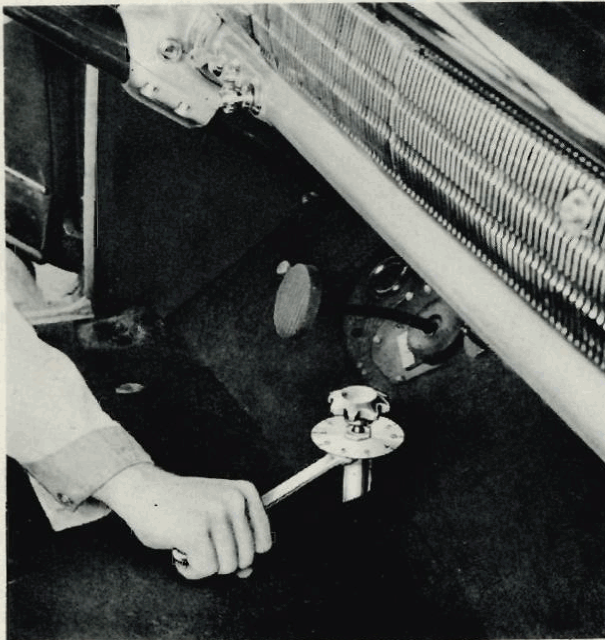
Connect electrical tachometer.

For car models up to and including 1951, place Shift Lever in Low Range. For 1952 and later models, place Shift Lever in Drive Range.

Adjust carburetor idle screw until tachometer reads 700 RPM.

### Adjustment of Front Band

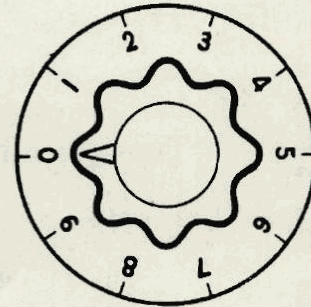
1. Insert Wrench End of Band Adjusting Tool in floorboard access hole (Fig. 4). Place Outer Socket over adjusting-screw lock nut. Engage adjusting screw by slowly rotating finger-grip Adjustment Knob until Inner Socket is seated.



**Fig. 4. Adjusting bands external method**

2. Holding Adjustment Knob stationary, loosen lock nut by turning Wrench Handle in counter-clockwise direction.

3. Turn Adjustment Knob slowly in counter-clockwise direction, loosening adjusting screw, until engine speed reaches 900-1000 RPM.



**Fig. 5. Indicator dial**

4. Reduce engine speed to exactly 700 RPM by slowly retightening adjusting screw. Observe tachometer for 30 seconds. If tachometer reading creeps up beyond 700 RPM, tighten adjusting screw 1/10th of a turn (one marking on Indicator Dial) and again observe tachometer. Continue this process until tachometer reading remains at 700 RPM for 30 seconds.
5. Without turning Wrench Handle or Adjustment Knob, rotate Indicator Dial until Zero mark is directly under arrow pointer (Fig. 5).



6. For car models up to and including 1951, hold Wrench Handle stationary and tighten adjusting screw  $6\frac{1}{2}$  turns by rotating adjustment knob in a clockwise direction. For

1952 and later models, tighten adjusting screw 7-7/10th turns.

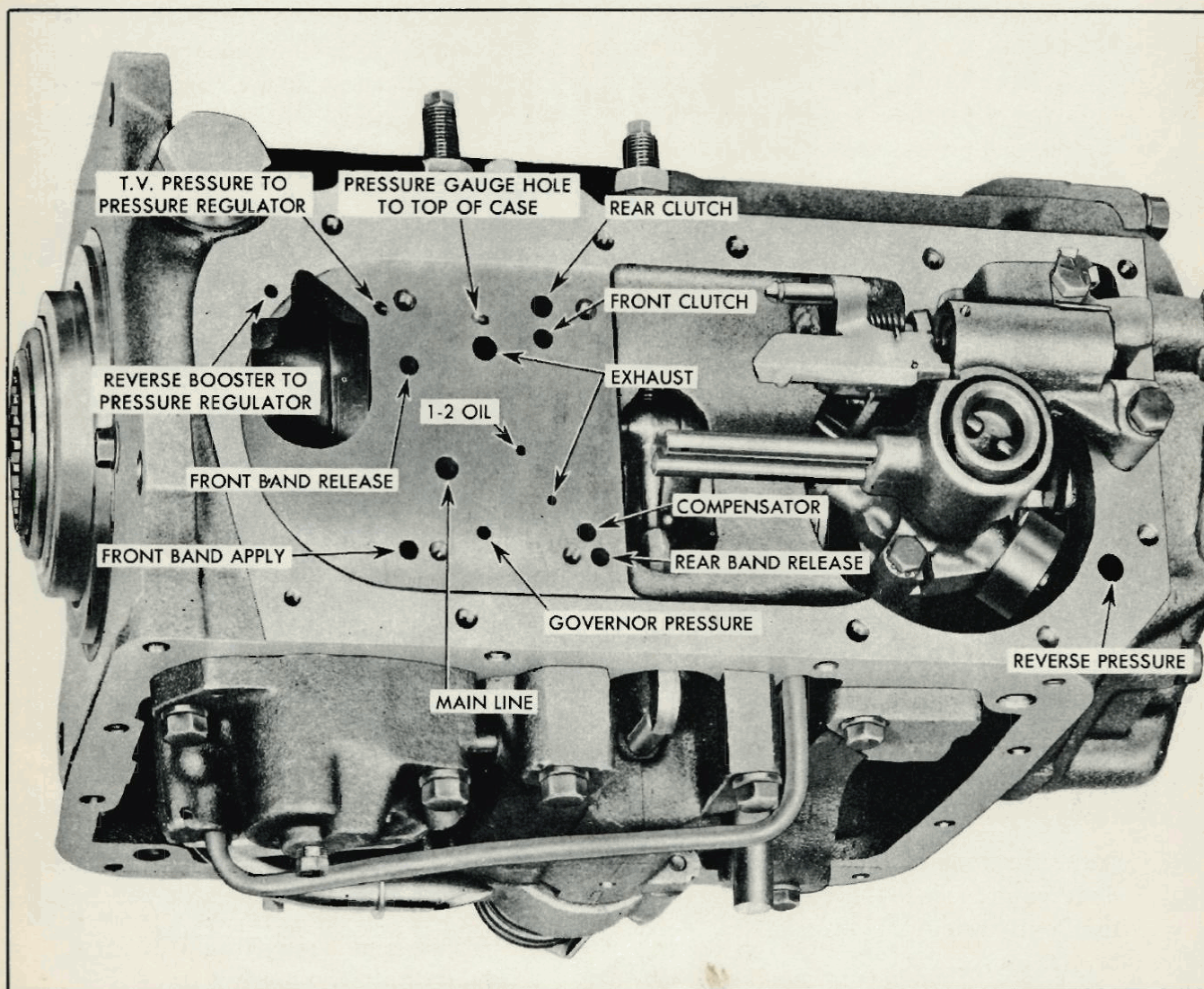
7. Holding adjustment Knob stationary, tighten lock nut.

### Adjustment of Rear Band

1. Repeat operations 1 through 5, as in front-band adjustment procedure.
2. Place Shift Lever in Neutral position.
3. Hold Wrench Handle stationary and tighten adjusting screw 2 turns by

rotating Adjustment Knob in a clockwise direction.

4. Holding Adjustment Knob stationary, tighten lock nut.
5. Re-adjust carburetor for proper engine-idling speed.



Passage identification — Hydra-Matic transmission