



HYDRAMATIC

BAND ADJUSTMENT

Internal band adjustments should be done with the special adjusting tools according to factory service manual. If these tools are not available, then use the external adjustment method shown below.

External band adjustments

1. Set the parking brake and block the wheels to prevent the vehicle from moving forward during the adjustment procedure.
2. Start the engine and allow it to come up to normal operating temperature, with choke and fast idle off.
3. Connect a tachometer to the engine.
4. Place the shift control lever into Drive.
5. Adjust the carburetor idle screw until the tachometer reads 700 RPM.

Front Band Adjustment

1. Loosen the front band adjusting screw lock nut
2. Loosen the adjusting screw until the engine RPM reaches 900-1000 RPM
3. Tighten band adjusting screw until the engine returns to 700 RPM
4. Again loosen the adjusting screw until engine speed increases and retighten slowly until the engine speed returns to 700 RPM.
5. Wait 30 seconds
6. If engine speed increases, then tighten the screw $1/10^{\text{th}}$ of a turn
7. Wait another 30 seconds, if engine speed increases again, tighten screw another $1/10^{\text{th}}$ of a turn more
8. Repeat the procedure until the engine RPM speed remains at 700 RPM for at least 30 seconds
9. While holding the lock nut stationary, tighten the adjusting screw 6.5 turns for models built before 1952, and 7.7 turns for models built 1952 and later. 1954-1956 Oldsmobile's and 1955-1956 Pontiac's do not have a provision for making external band adjustments; and must be done internally
10. Hold the adjusting screw stationary and tighten the lock nut securely

Reverse Band Adjustment

1. Repeat steps 1-8 under the front band adjustment; then proceed as follows
2. Position the select control lever into Neutral
3. While holding the lock nut, tighten the adjusting screw exactly 2 turns
4. Position the selector control lever into Drive
5. Holding the adjusting screw stationary, tighten the lock nut
6. Reset the engine to the recommended idle speed

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