CHRYSLER



SHOP MANUAL
1941 - 1948

« C28·C30·C33



« C34·C36·C37



« C38·C39·C40

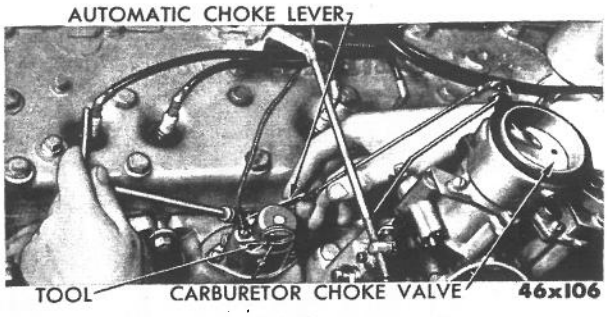


Fig. 17—Adjusting Automatic Choke

move automatic choke lever until hole in brass shaft lines up with slot in bearing. If special tool C-723 is available, insert through shaft and push all the way down so that it enters slot in base of housing as shown. If special tool is not available, any straight, round pin or wire that fits hole can be used in same manner, *but make certain that improvised pin makes a good, snug fit in hole of brass shaft.*

3. Loosen clamp screw on automatic choke lever and, holding throttle approximately one-third open, push lever upward until carburetor choke blade is closed tight.
4. Holding lever in this position, tighten clamp screw in lever. Check setting by feeling choke blade to make sure slack in linkage is taken up, and then remove adjusting tool.
5. Replace air cleaner making sure that tightening clamp does not bind choke blade or shaft and that the fast idle or choke mechanism does not bind or stick due to gummy deposits interfering with free operation of carburetor choke valve.

NOTE

Always check this adjustment with throttle held partly open in order to release fast idle cam.

ADJUSTMENT OF AUTOMATIC CHOKE, C-30, C-33, C-36, C-37, C-39, C-40

1. Remove air cleaner from carburetor. Remove cover from automatic choke.
2. If Miller tool AC-620 is available, clamp this special tool on choke actuating mechanism so that hooked end of tool enters and lines up both hole in armature and hole in magnet core as shown. If special tool is not available, line up these two holes by inserting shank end of a ⅛ inch twist drill bit, and then hold armature tight against magnet, during adjustment.
3. Loosen clamp screw on automatic choke lever and, holding throttle open approximately one-third, move lever forward until choke valve is closed tight. While holding choke valve closed, tighten clamp screw as shown in Fig. 18.
4. Inspect choke valve for tight closing and make sure back-lash is eliminated by pushing lightly back and forth on choke rod, remove adjusting tool or drill bit, and replace automatic choke cover.

NOTE

Always check this adjustment with throttle partly open in order to release fast idle cam.

5. Replace air cleaner, making sure that tightening clamp screw does not bind choke valve or shaft and that fast idle or choke mechanism does not bind or stick due to gummy deposits interfering with free operation of carburetor choke valve.

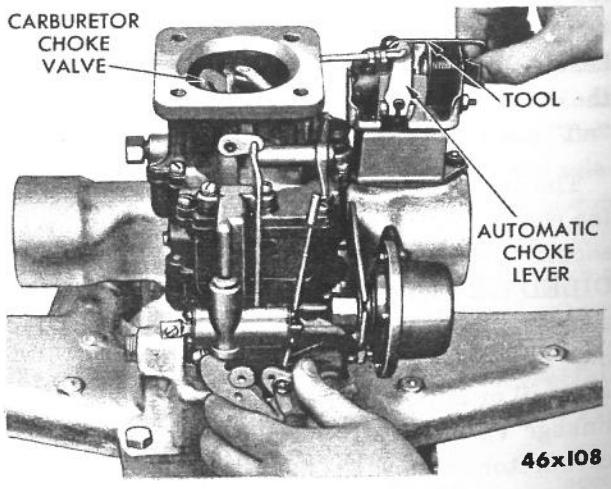


Fig. 18—Adjusting Automatic Choke



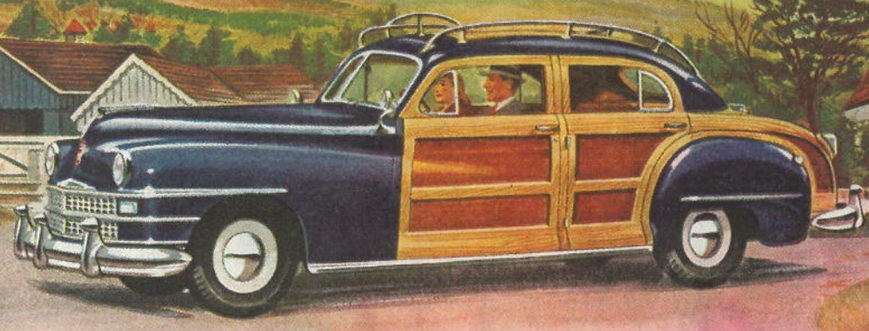
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