

for your information *by Pete Yuen*

FOR DOOR LOCKS ON LATER MODEL STUDEBAKERS (THEY DO NOT HAVE THE CIRCULAR DISCS TO COVER THE KEYHOLE)

SERVICING OF THE LOCK CYLINDER ASSEMBLY CANNOT BE DONE AT THE LOCKSMITH SHOP AS THEY DO NOT KNOW WHERE THE RETAINER OR KEEPER IS LOCATED IN THE HOUSING. WITH THE HELP OF THE FOLLOWING DIAGRAM, YOU CAN DO THE SERVICING YOURSELF.

DRILL 1/8 INCH HOLE, 1/8 INCH DEEP INTO HOUSING AT 15/16 INCH FROM FACE OF LOCK CYLINDER.

DO NOT DRILL TOO DEEP

LOCK CYLINDER HOUSING

FLAT SIDE OF KEY

15"
16

LENGTH VARIES WITH MODEL IN WHICH IT IS USED. CUT OFF IF TOO LONG, WELD ONTO IF TOO SHORT

SQUARE SHAFT

LOCK CYLINDER

IMPORTANT: INSERT KEY INTO CYLINDER BEFORE REMOVAL. THIS WILL KEEP THE WAFERS IN THE CYLINDER IN PLACE AND NOT LOST.

LOCK CYLINDER RETAINER (OR KEEPER) DEPRESS THROUGH HOLE DRILLED INTO THE HOUSING WITH SMALL PUNCH OR NAIL, HOLD HOUSING IN VISE AND PUSH CYLINDER OUT WITH THE SQUARE SHAFT.

PROJECTION OR BOSS

LOCK CYLINDER REMOVED FROM HOUSING

One of the reasons for servicing the lock assembly is because it will not lock and the other reason is because it will not unlock. Causes for the lock to malfunction are: Worn key, worn wafers, broken springs, corrosion, wafers gummed up with dirt and grease, the projection or boss on the cylinder has been broken off. Solutions: Replacements for worn key, worn wafers and broken springs. Replace wafers with Toyota parts, springs with Chrysler parts. Corrosion and gummed units require cleaning, the cylinder with a broken projection to drive the shaft requires replacement. Locate another lock assembly that your key fits, take it apart as you did on your "old" lock, take the wafers from "old" lock and put it into "new" cylinder, use light oil on parts before assembling. **IMPORTANT!** - DRILLING TOO DEEP WILL CUT THE RETAINER INTO TWO PIECES. WHEN THIS HAPPENS, YOU WILL NOT LIKELY BE ABLE TO REMOVE CYLINDER FOR SERVICING.