

GENERAL MOTORS

INSTRUCTION SHEET FOR ASSEMBLING AND CODING DOOR LOCK

The door lock cylinder only uses seven of the ten cut positions, 3 through 9. The tumbler positions are staggered from side to side four on one side and three on the other are self-retaining. The left and right door lock cylinders are identical. The lever assembly determines which side of the vehicle the lock cylinder is for. After removing the current lock, record which lever is used the orientation of rod clip.

1. Rotate cylinder (1) so the side with the four tumbler spring wells faces up.
2. Insert tumbler springs (2) into the four spring wells.
3. Install the tumbler (3) for key cut position three in the slot closest to the cylinder head. Install the remaining tumblers, key cut positions 5, 7, and 9, following the key code and same process. Press tumblers in place until they are secure.
4. Check for correct loading of the tumblers by inserting the key into cylinder. All tumblers should be flush with the lock cylinder body.
5. Turn the cylinder so the side with the three tumbler spring wells faces up.
6. Insert tumbler springs into the three spring wells.
7. The first tumbler closest to the front of the lock cylinder to be loaded will be the fourth key cut position. Install the remaining tumblers for key cut positions 6 and 8. Press tumblers in place until they are secure.
8. Check for correct loading of the tumblers by inserting the key into cylinder. All of the tumblers should be flush with the lock cylinder body.
9. Apply lubricant to cylinder body and tumbler surfaces along with a small amount in head of cylinder using the supplied grease.
10. Install two springs (4) into the spring wells in head section of lock cylinder.
11. Snap the shutter assembly (5) into cylinder.
12. Place the detent spring (6) into the spring well located on side of cylinder.
13. Carefully place detent ball (7) on detent spring. Depress detent ball into cylinder and assemble into case (8). Detent ball should rest in case slot at front of case.
14. Press dimples of cylinder cap (9) with the four recesses in cap. Secure by pressing the cap into place with light hand pressure.
15. If required, assemble rod clip to lever (10) using the recorded lever information.
16. Assemble lever to lock. Use e-clip (11) to retain lever assembly.
17. Insert the key into the lock and function lock to check for proper assembly and smooth operation.

