

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. Hold the 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 tumblers (3) for key cut position three in the slot nearest to the front of the lock cylinder. Install the remaining tumblers, key cut positions 5, 7, and 9, following the key code and same process. Press the tumblers in place until they are secure.
4. 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.
5. Turn the cylinder so the side with the three tumbler spring wells faces up.
6. Insert the tumbler spring 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, the fourth number of the key code. Install the remaining tumblers for key cut positions 6 and 8, following the key code and same process. Press the 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. Lightly lubricate the cylinder body diameter and tumbler surfaces and a small amount in head of cylinder using the supplied grease.
10. Install two springs (4) into the 2 spring wells in the head of the door lock cylinder.
11. Snap the shutter assembly (5) onto the cylinder.
12. Place the detent spring (6) into the spring well located on the side of the lock cylinder.
13. Carefully place the detent ball (7) on the detent spring. Depress the detent ball and spring and insert the cylinder into the case (8) making sure the detent ball and spring are not dropped. The small slot in the head of the cylinder case is where the dent ball is located and trapped.
14. Align the lock cylinder cap (9) and secure by pressing the cap into place with light hand pressure.
15. If required, assemble the rod clip (11) to lever (10) using the recorded lever information.
16. Assemble the lock pawl e-clip (12) to retain lever assembly.
17. Insert the key into the lock and function lock to check for proper assembly and smooth operation.

