

GENERAL MOTORS

INSTRUCTION SHEET FOR ASSEMBLING AND CODING TOOLBOX LOCK

The toolbox lock cylinder only uses five of the ten cut positions, 6 through 10. The tumbler positions are staggered from side to side three on one side and two on the other. The lock cylinder tumblers are self-retaining.

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 six in the slot closest to cylinder head. Install the remaining tumblers, key cut positions 8, 10, 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 cylinder body.
5. Turn the cylinder so the side with the three tumbler spring wells faces up.
6. Insert the tumbler spring into the two spring wells.
7. The first tumbler closest cylinder head to be loaded will be the seventh key cut position. Install the remaining tumblers for key cut positions 9, following the key code and same process. Press the tumblers in place until they are secure.
8. Check for correct loading of tumblers by inserting the key into cylinder. Tumblers should be flush with the lock cylinder body.
9. Apply lubricant to cylinder body, tumbler surfaces along with a small amount in head of cylinder using the supplied grease.
10. Snap shutter assembly (4) onto cylinder.
11. Place lock cylinder cap (6) on top of cylinder assembly. Bend tabs on cap to underside of cylinder head making sure they are secure and pulled tight to case.
12. Insert cylinder assembly into sleeve (5) and rotate CW to secure.
13. From back of housing (10) insert cylinder/sleeve assembly aligning the drain slots.
14. Place spring (8) over cylinder/sleeve assembly.
15. Place spring washer (9) with legs facing front of lock, over spring and depress to where retainer clip (11) with bend facing the back of lock, can be inserted over the washer through the slots in the middle of the case to secure spring.
16. Assemble lever (12) to end of cylinder and secure with e-clip (13).
17. Secure gasket (7) on front of housing to seal the lock.
18. Insert the key into the lock cylinder and function lock to check for proper assembly and smooth operation.

