

# GENERAL MOTORS

## INSTRUCTION SHEET FOR ASSEMBLING AND CODING SPARE TIRE LOCK

The internal lock cylinder only uses five of the ten cut positions, 6 through 10. The tumbler positions are on one side and 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. Do not remove key.
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 cylinder.
11. Snap the shutter assembly (5) onto the cylinder.
12. Insert retainer spring (10) in the retainer pocket making sure it is positioned on the spring post.
13. Place retainer bolt (11) in pocket with the angle facing the back of the case. Depress retainer bolt and hold.
14. With key still in cylinder, insert into case (6) 90 degrees to the right of the drain slot/retainer.
15. Rotate back 90 degrees to the key out position. Hold lock in case and remove key. Cylinder should secure bolt in case.
16. Place the lock cylinder cap (7) on top of lock assembly. Bend tabs on cap to underside of case making sure they are secure and pulled tight to case.
17. Insert key and rotate to verify lock was assembled properly. Key should not be able to be removed when bolt is down. Lock should only rotate CW 90 degrees.
18. Assembly gaskets (9) in the groove located at the end of the case and gasket (8) in the groove at the front of the case.

