

PART A. INSTRUCTION SHEET FOR LOCK SERVICE PACK 5W4Z-11582-BA AND 7W4Z-11582-B

KIT — 5W4Z-11582-BA AND 7W4Z-11582-B				
Item #	Part Number	Description	Used in Package	Quantity
A	SK 5W4A-11583-BA	Instruction Sheet	All	1
B1	322251	Tumbler # 1	All	5
B2	322252	Tumbler # 2	All	5
B3	322253	Tumbler # 3	All	5
B4	322254	Tumbler # 4	All	5
B5	322255	Tumbler # 5	All	5
C	46970	Tumbler Spring	All	10
D1	690847	Cylinder Sub-Assembly	5W4Z-11582-BA	1
D2	692798	Cylinder Sub-Assembly	7W4Z-11582-B	1
E	48039	Grease Pack	All	1
F	690846	Case Sub-Assembly	All	1
G	56077	Compressions Spring	All	1
H	381466	Cam	All	1
I	312966	Cylinder Cap	All	1
J	312615	Actuator	All	1
K	381902	Actuator Clip	All	1

SERVICE PROCEDURE:

1. Determine the matching key cut depth at each key station, any of the following three methods may be used to determine the key cut depth at each key station.
 - 1a. Use the OEM key code provided with the vehicle and look up the cut pattern in the key code table. (The selling dealer should have the key code or the customer may be able to provide it). A key code table comes with the Rotunda Key Cutter, Part No. 011 00215.
 - 1b. Use a "key decoder" to determine each cut height. A decoder may be included with the Rotunda Key Cutter, Part No. 011 00215 or can be ordered separately through Rotunda Part No. 011 RMT61. Equivalent decoders are commonly available through the locksmith industry. (A key decoder is a plate with an elongated slot corresponding to the different key cut heights).
 - 1c. Using the customer's key, measure the key cut depth at each key station (refer to Figure 2).

Write down the key cut depths, in terms of the depth code, not the actual measurements of the depths, in the following order:

Station 1	Station 2	Station 3	Station 4	Station 5	Station 6	Station 7	Station 8

2. Select the required tumblers (B1, B2, B3, B4, or B5) according to the key cut depths for key stations 2, 3, 4, 5, 6, 7, and 8. For example, if the key cut depths codes are 53214124, then use B3 for Station 2, B2 for Station 3, B1 for Station 4, B4 for Station 5, B1 for Station 6, etc. and ignore Station 1.
3. Insert one tumbler spring (C) into each of the holes located at the end of the tumbler wards on the lock cylinder (D).
4. Insert the required tumblers (B1, B2, B3, B4, or B5) into the tumbler wards in the proper orientation (refer to Figure 3), and in the sequence that match the key cut depths, for key stations 2, 3, 4, 5, 6, 7, and 8.



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Part #48250AD1

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AND 7W4Z-11582-B**

5. Insert key into keyhole and verify that the side bar is flush with the lock cylinder's exterior surface.
6. Apply grease to the actuator pocket located in the head of the cylinder. Insert actuator into the pocket by placing it in the actuator pocket "rounded" side down with the two small tabs toward the outside. It is properly orientated if the flat rectangular surface of the actuator covers the key opening. Snap the plastic actuator clip over the actuator to hold it in place. Note the correct orientation on the "L" shaped leg on the clip (refer to Figure 4).
7. With the key in the cylinder, apply grease to the tumbler wards ONLY. Remove the key.
8. Look into the back of the lock case sub-assembly. Insert the cylinder cap into the front of the case sub-assembly aligning the notches on the cap to the two (2) tabs in the lock case and rotate to stop (refer to Figure 5).
9. From the back of the lock case sub-assembly align the lock cylinder sidebar with the side bar slot in the case and insert the lock cylinder. It is normal to experience some resisting force during the insertion process; if resisting force is experienced, depress the tumblers so the lock cylinder can slide past the case. Rotate the cylinder cap until it hits the rotational stop. The tab on the back of the cylinder cap should be 180 degrees opposite of the sidebar slot in the case (refer to Figure 5).
10. Install the compression spring over the shaft protruding from the back of the lock cylinder.
11. Set the cylinder case assembly on a work surface so that the cylinder driver faces up. Assemble the plastic cam to the cylinder. The cam should be orientated so the cylinder driver profile is aligned with the cam profile and the open side of the cam faces up. Slide the cam over the driver until the retaining tab on the cam snaps into the pocket in the driver.
12. Use the key to check the operation of the lock. Rotate the lock at least ten (10) times so that the grease applied to the tumbler wards is distributed along the inner surface of the lock case and exterior surface of the lock cylinder.
13. Include the key code for the removed lock with the returned parts.

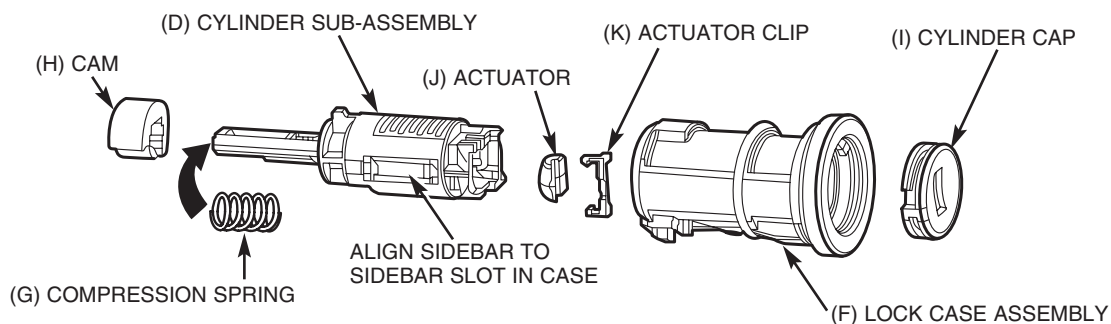


FIGURE 1



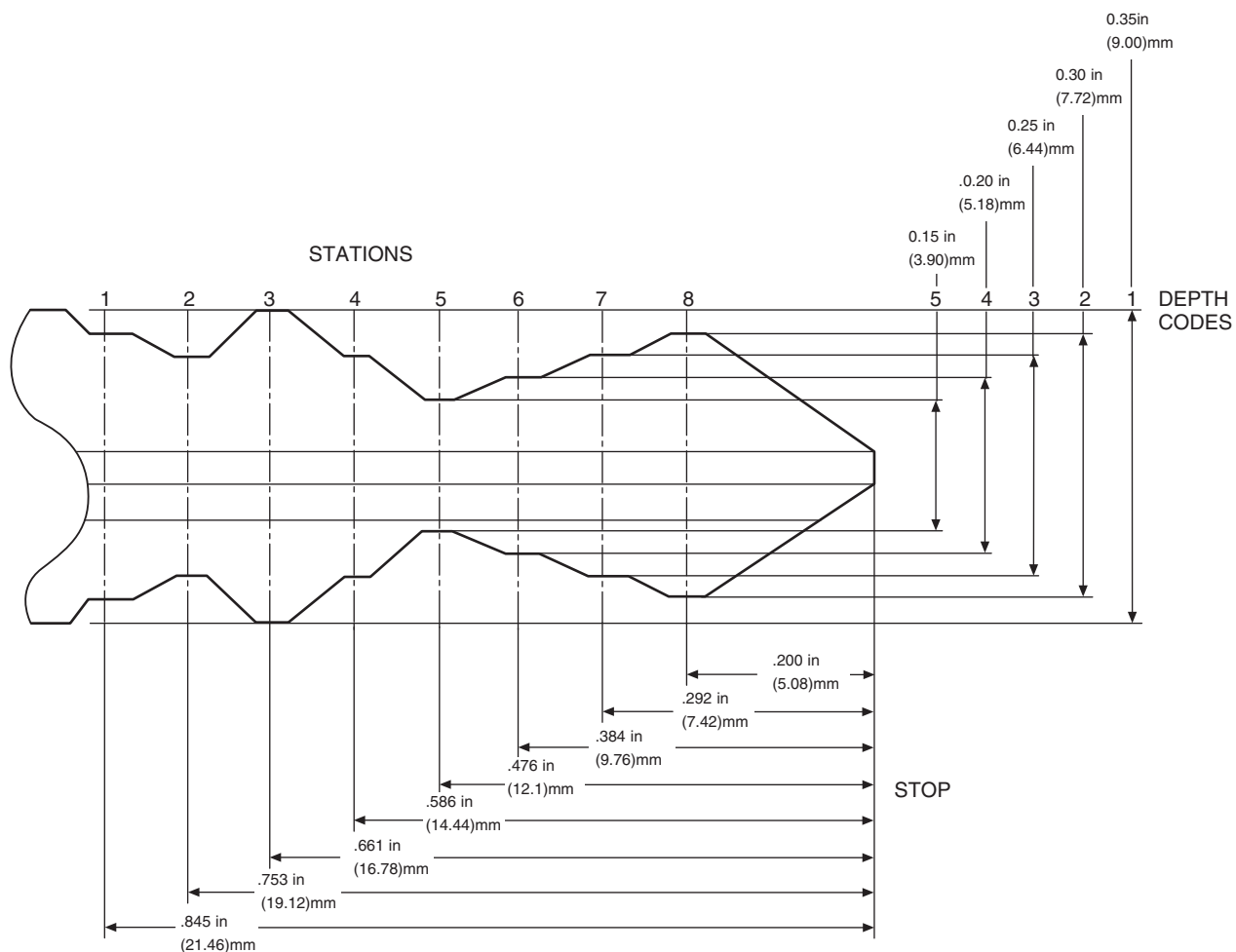


FIGURE 2



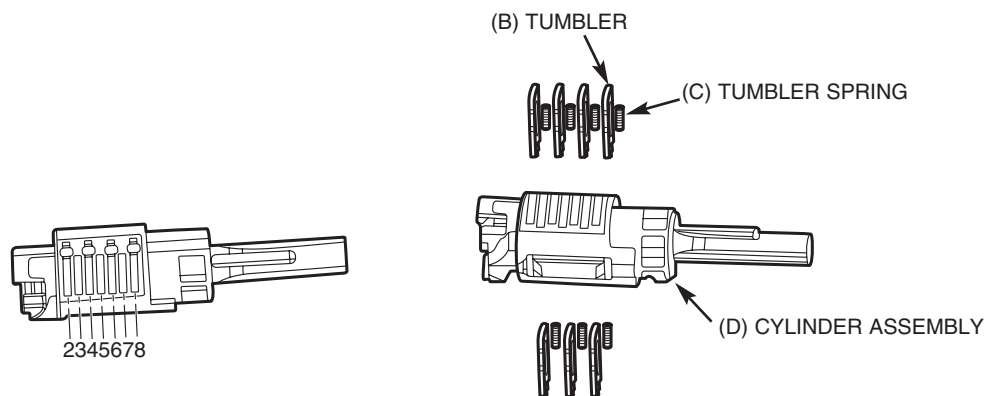


FIGURE 3

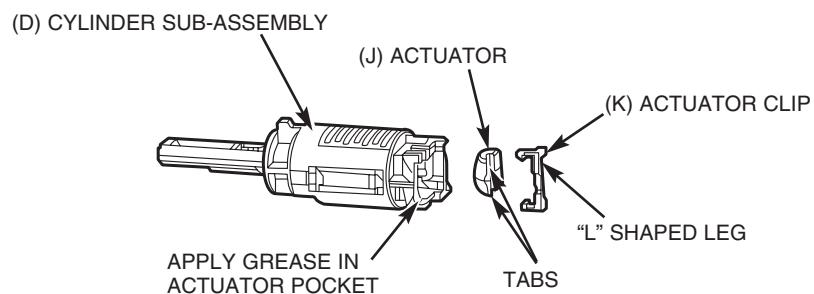


FIGURE 4

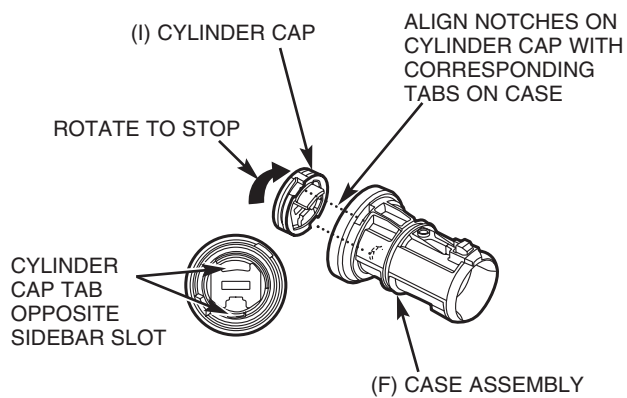


FIGURE 5

