PART A. INSTRUCTION SHEET FOR LOCK SERVICE PACK LB5Z-11582-B, AU5Z-11582-B, 2L2Z-11582-B, AND 4G7Z-11582-B

Item #	Part Number	Description	Used in Package	Quantity
A	SK5F9A-11582-AC	Instruction Sheet	All	1
B1	324341	Tumbler #1	All	4
B2	324342	Tumbler #2	All	4
B3	324343	Tumbler #3	All	4
B4	324344	Tumbler #4	All	4
B5	324345	Tumbler #5	All	4
C	4627450	Tumbler Springs	All	8
D1	312971	Cylinder	AU5Z-11582-B 4G7Z-11582-B	1
D2	312617	Cylinder	2L2Z-11582-B	1
D3	4133781	Cylinder	LB5Z-11582-B	1
E1	5922522	Case Sub-Assembly	AU5Z-11582-B	1
E2	692435	Case Sub-Assembly	4G7Z-11582-B	1
E3	691211	Case Sub-ASsembly	2L2Z-11582-B	1
E4	5938903	Case Sub-Assembly	LB5Z-11582-B	1
F	48039	Grease Packet	All	1
G	312615	Actuator	All	1
H	381902	Retainer, Actuator	All	1
I	95225	Retainer, Ring	* See Step 15	1
J	95372	Roll Pin	4G7Z-11582-BA	1

NOTE: This Instruction Sheet is not an inspection document. Not all parts listed are included in all packages.

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 TMT61. 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 1). 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
	X						

2. Select the required tumblers (B1 -B5) according to the key cut depths, for key stations 1, 2, 3, 4, 5, 6, 7, and 8. For example, if the key cut depths codes are 53214124, then use B5 for station 1, use B3 for station 3, B2 for station 4, B1 for station 5, B4 for station 6, and B1 for station 7, etc. and ignore station 2.
3. Apply grease to the actuator pocket located in the front of cylinder (D) (refer to figure 4).
4. Insert actuator (G) into pocket located in the front of cylinder (D) (refer to figure 5)
5. Assemble actuator retainer (H) to the cylinder (D) to clip over the actuator (G). The leg of the actuator retainer clip (H) must fit into groove on the cylinder (D) head (refer to figure 6).
6. Insert one tumbler spring (C) into each of the holes located at the end of the tumbler slots on the lock cylinder (D).
7. Insert the required tumblers (B1-B5) into the tumbler slots in the proper orientation (refer to figure 3) and in the sequence that match the key cut depths for stations 1 and 3 through 8.
8. Insert the key into the keyhole and verify that all tumblers (B1-B5) are flush with the lock cylinder (D) exterior surface.
9. Apply grease to the outer surface of the cylinder (D) with the key still inserted, ensuring that the areas above and in between the tumblers are coated (refer to figure 7).
10. Align the key slot in the cylinder cap with the small internal slot in the case (E) subassembly by rotating the cap counterclockwise until the stop is reached and then rotating back about 5 degrees clockwise. This should be visually verified by looking into the back of the cylinder.
11. Insert the cylinder (D) into the back of the case (E). Push each (raised) tumbler (B1-B5) to make it flush with the cylinder (D) OD to allow the cylinder to fit into the case (E). Continue this process until the cylinder (D) engages the cylinder cap. This step may require slight rotation of the cylinder cap (with key) to align the cap and the cylinder (D).
12. Using the tail of the lock, rotate the cylinder (D) and cylinder cap clockwise in case (E) until you hear the tumblers (B1-B5) drop into the tumbler slots.

NOTE: Next step applies for Ford GT part number 4G7Z-11582-B only.

13. Insert roll pin (J) in hole in case flush to outside diameter of case (E) (refer to figure 2).
14. Insert the key and verify function of lock.
15. If the original lock contained a black retainer ring (I), located on the back of the lock cylinder, it can be reused by reinstalling it onto the back of the cylinder (D) by spreading it open using snap ring pliers (or equivalent) and placing it over the tail of the cylinder (D). Locate the ring (I) so that it aligns to the relief notches in the back of the cylinder (D) (refer figure 9) for proper orientation of the ring (I).

NOTE: Reuse of the retention ring (I) is optional and not required when rebuilding and reinstalling the new ignition lock.

PART A. INSTRUCTION SHEET FOR LOCK SERVICE PACK LB5Z-11582-B, AU5Z-11582-B, 2L2Z-11582-B, AND 4G7Z-11582-B

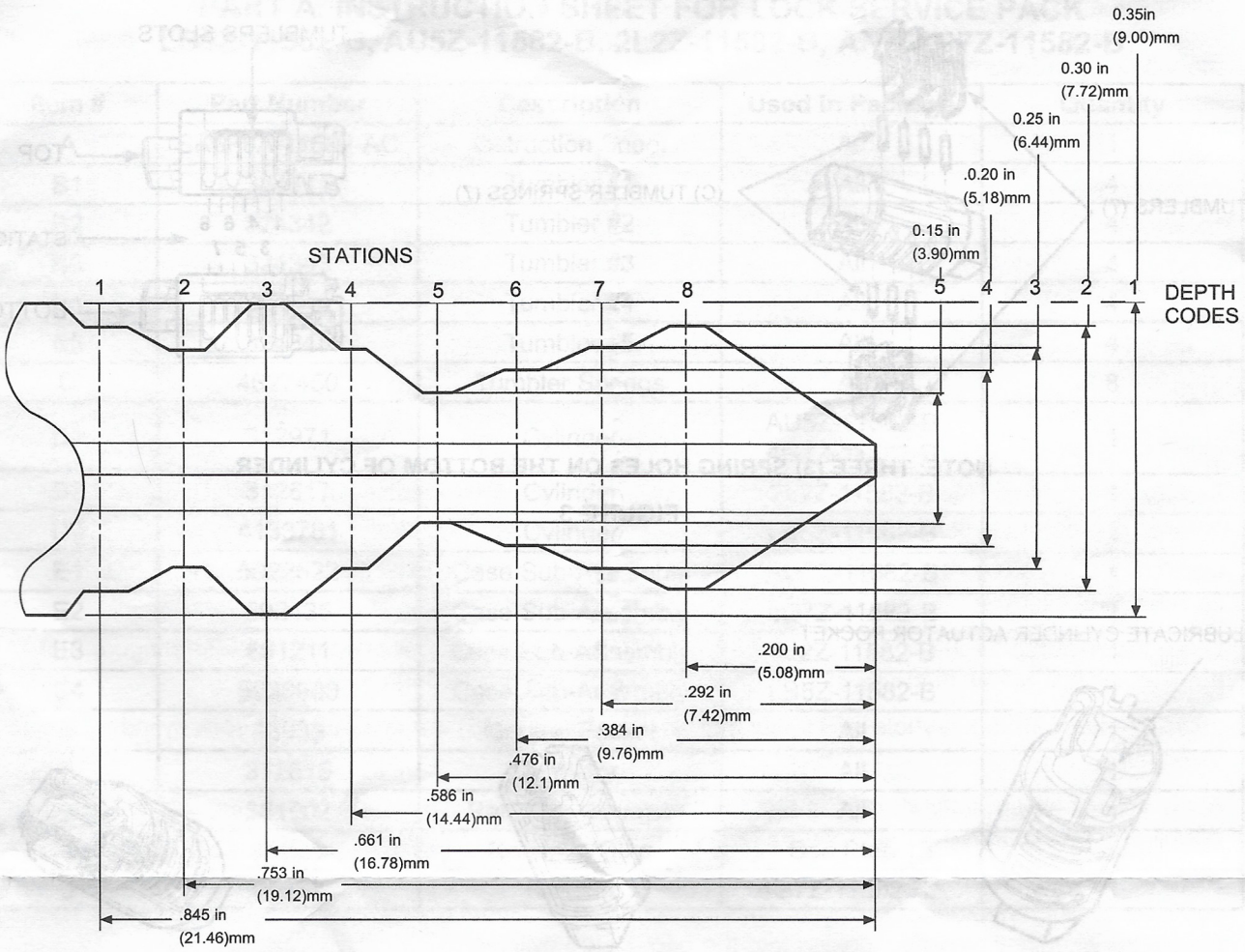


FIGURE 1

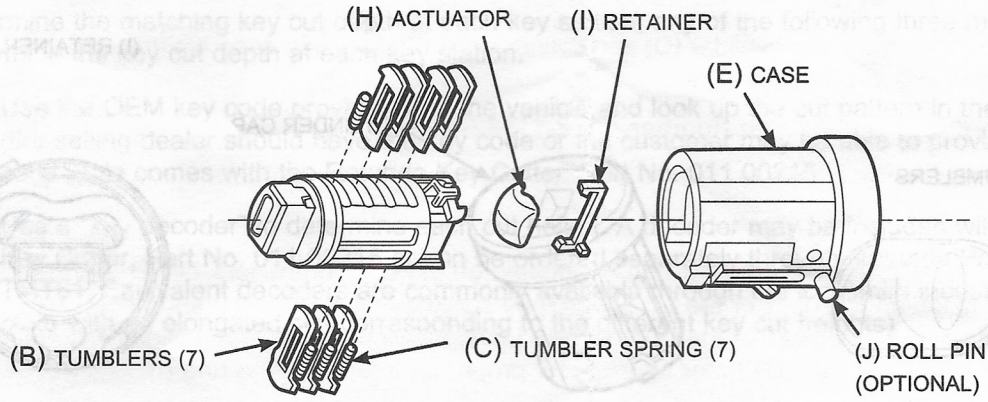
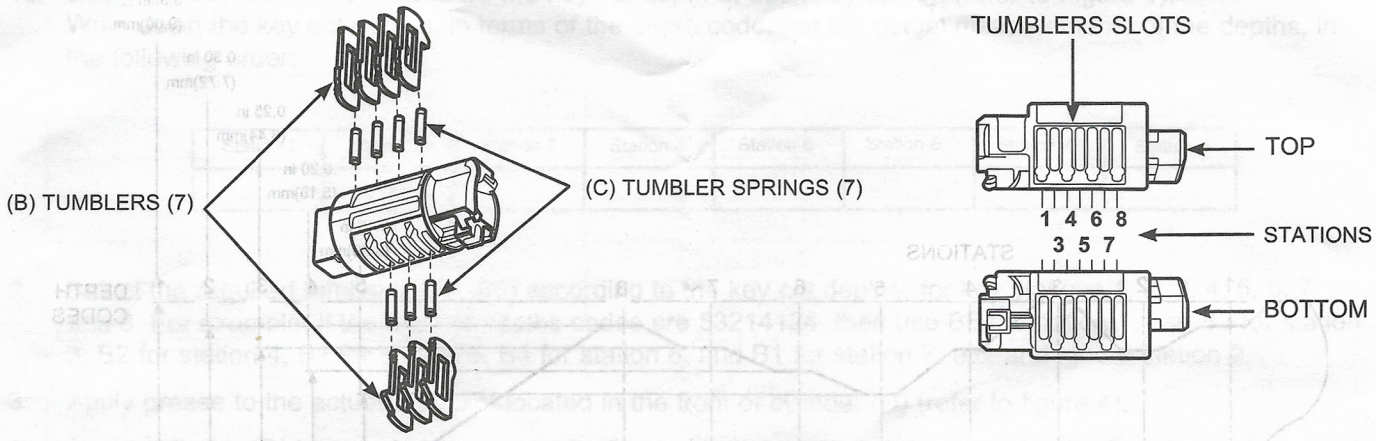


FIGURE 2

PART A. INSTRUCTION SHEET FOR LOCK SERVICE PACK LB5Z-11582-B, AU5Z-11582-B, 2L2Z-11582-B, AND 4G7Z-11582-B

NOTE: FOUR (4) SPRING HOLES ON THE TOP



NOTE: THREE (3) SPRING HOLES ON THE BOTTOM OF CYLINDER

FIGURE 3

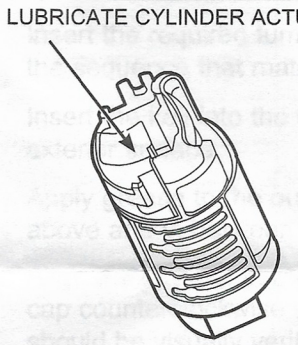


FIGURE 4

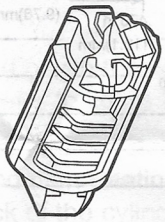


FIGURE 5

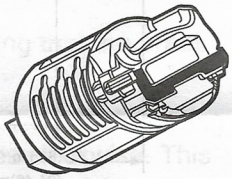


FIGURE 6

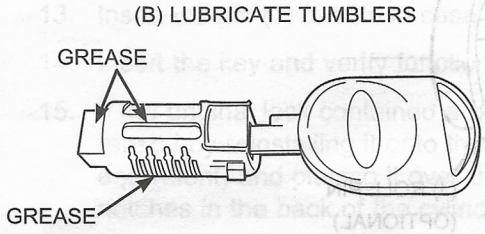


FIGURE 7

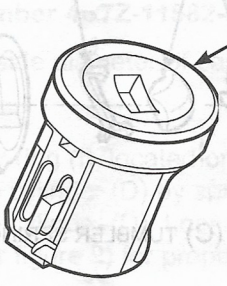


FIGURE 8

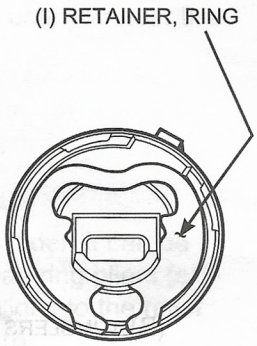


FIGURE 9

PART A. INSTRUCTION SHEET FOR LOCK SERVICE PACK LB5Z-11582-B, AU5Z-11582-B, 2L2Z-11582-B, AND 4G7Z-11582-B