

PART A. INSTRUCTION SHEET FOR LOCK SERVICE PACK NZ6Z-9921990-A

Item #	Part number	Description	Quantity
A	SKNZ6A-44670-AA	Instruction Sheet (4742917)	1
B1	4231969	Tumbler # R1	4
B2	4231970	Tumbler # R2	4
B3	4231971	Tumbler # R3	4
B4	4231972	Tumbler # R4	4
B5	4231973	Tumbler # R5	4
B6	4231964	Tumbler # L1	3
B7	4231965	Tumbler # L2	3
B8	4231966	Tumbler # L3	3
B9	4231967	Tumbler # L4	3
B10	4231968	Tumbler # L5	3
C	4631974	Tumbler Springs	10
D	4139524	Housing	1
E	4139525	Sleeve	1
F	4839559	Lever	1
G	4212894	Fixing Plate	2
H	4112394	Indexer	1
I	93442	E-Clip	1
J	4131984	Clutch	1
K	48039	Grease	1
L	5942918	Cylinder Subassembly	1

NOTE: This Instruction Sheet is not an inspection document.

SERVICE PROCEDURE:

1. Determine the matching key cut depth at each key station, any of the following two 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).
 - 1b. Using the customer's key, measure the key cut depth at each key station (refer to Figure 1) and write down the corresponding key cut depths in terms of the DEPTH CODE, not the actual measurements of the depths, in this chart.

	Station 1	Station 2	Station 3	Station 4	Station 5	Station 6	Station 7	Station 8	Station 9	Station 10
Depth Codes	L ____	R ____	R ____	L ____	L ____	R ____	Not to be used	Not to be used	Not to be used	Not to be used

2. Select the required tumblers (B1-B10) according to the key cut depths. For example, if the key cut depths codes are 5433124423, skip station 10, 9, 8, and 7; then use B10 for station 1, use B4 for station 2, B3 for station 3, B8 for station 4, etc. (Refer to Figure 2). Note that there are Right (B1-B5) and Left (B6-B10) side Tumblers.



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3. Insert the spring into the cavities in the cylinder for stations 1-2-5-6 (top-side), then insert the required Tumblers (B1-B10) into the tumbler slots in the proper orientation (Figure 3) and in the sequence that match the key cut depths.
4. While holding down the Tumblers inside the cylinder, turn the Cylinder (L) and repeat steps for stations 3 and 4. (Refer to Figure 4).
5. Insert the key into the cylinder and verify that all installed tumblers are flush with the Cylinder (L) exterior surface (Figure 5). Do not pull out the Key. If you do, the tumblers will fall out.
VERIFY: If at least one of the tumblers is not flush, carefully remove the key and verify that the tumblers selection matches to the key cut depths codes. Replace tumblers as required and repeat step 5.
6. Apply grease (K) to the outer surface of the Cylinder (L) with the key still inserted, ensuring that the areas above and in between the tumblers are covered. (Refer to Figure 5).
7. Insert the tumbled and greased Cylinder (L) inside the Sleeve (E). (Refer to Figure 6).
8. Hold the cylinder and sleeve and carefully remove the key (Refer to Figure 7). Cylinder cannot be removed from sleeve at this point, if this occurs, tumblers will fall out.
9. Insert the cylinder/sleeve into the Housing (D) until stop (Refer to Figure 8). IMPORTANT: Push the sleeve walls, don't push the cylinder otherwise the tumblers will fall out.
10. Insert 1 fixing plate in any of the two cavities (Refer to Figure 9) then using a tool deform the 2 stakcing points in the sides to keep the fixin plate into position (Refer to Figure 10). Repeat this step for the other side.
11. Insert the Indexer (H) into the Housing cavity. (Refer to Figure 11).
12. Colocate the Clutch (J) and Lever (F) in the cylinders tails (Figure 12) and then attatch the E-clip (I) to secure them. (Refer to Figure 13).
13. Use the key to check the Lock proper operation.

Key code for example purpose: 5433124423

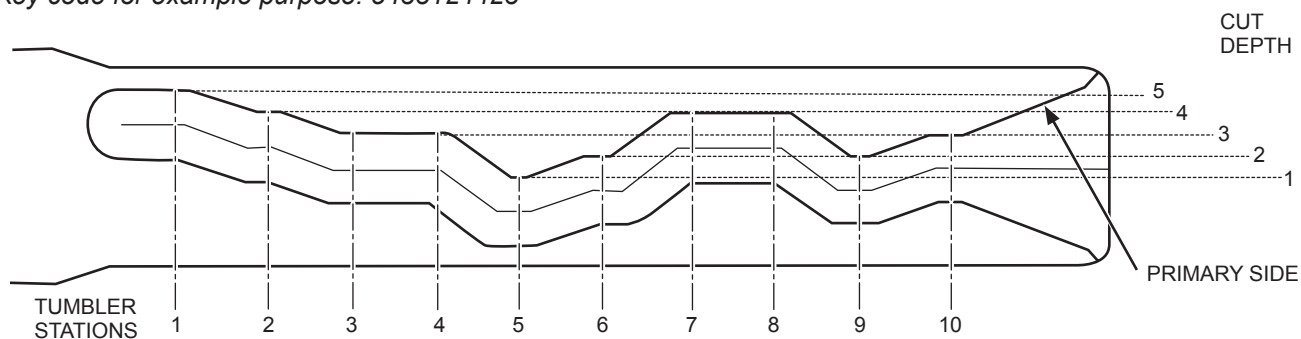


FIGURE 1

Station 1 (L)	Station 2 (R)	Station 3 (R)	Station 4 (L)	Station 5 (L)	Station 6 (R)	Station 7	Station 8	Station 9	Station 10
5	4	3	3	1	2	Not to be used	Not to be used	Not to be used	Not to be used

FIGURE 2



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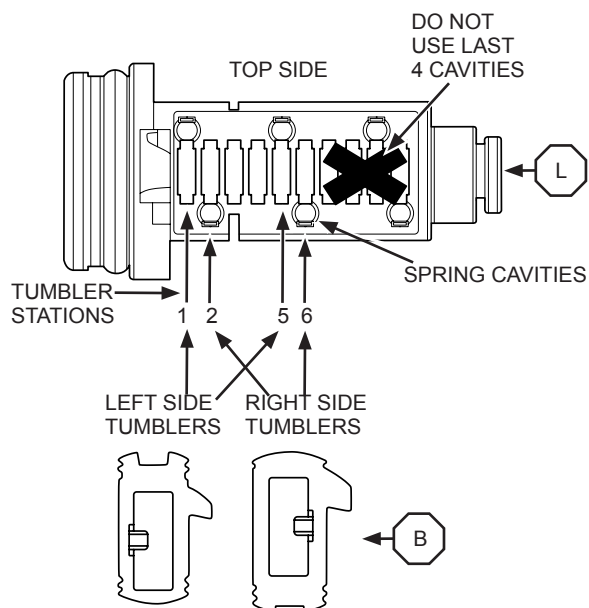


FIGURE 3

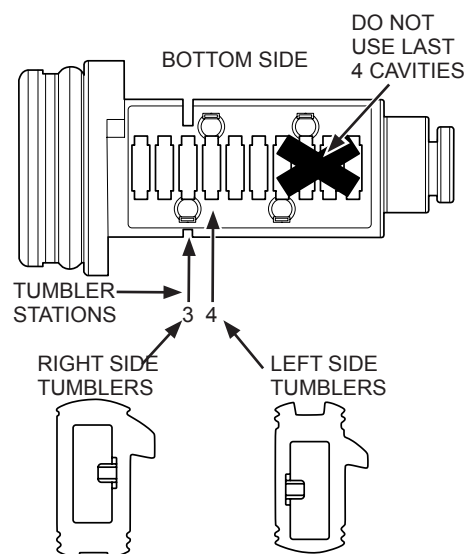


FIGURE 4

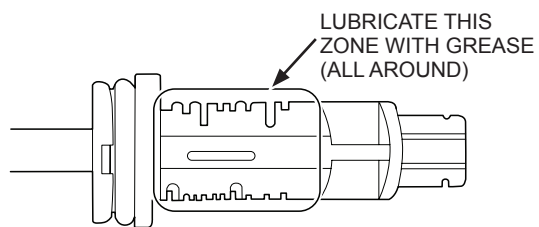


FIGURE 5

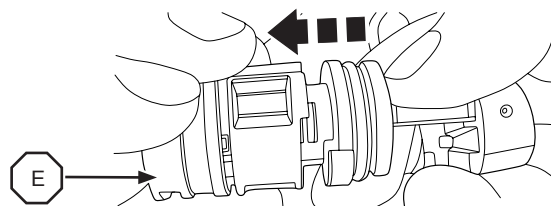


FIGURE 6

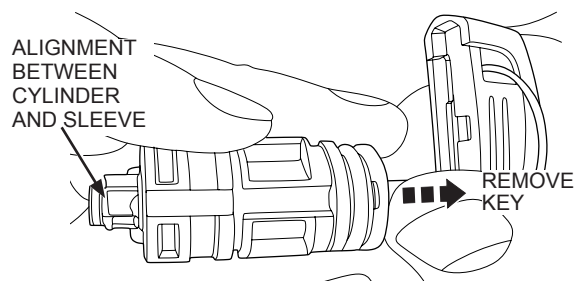


FIGURE 7

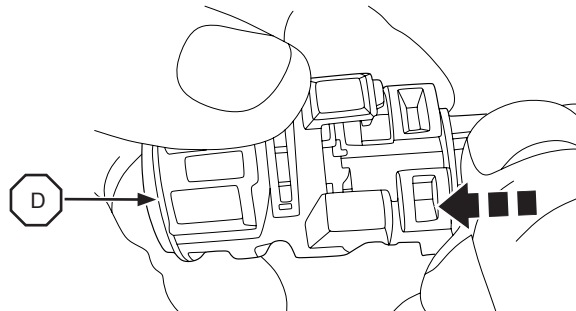


FIGURE 8



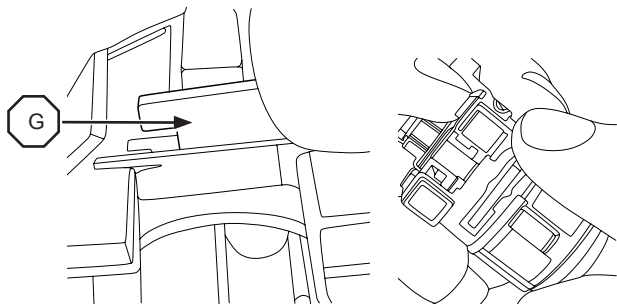


FIGURE 9

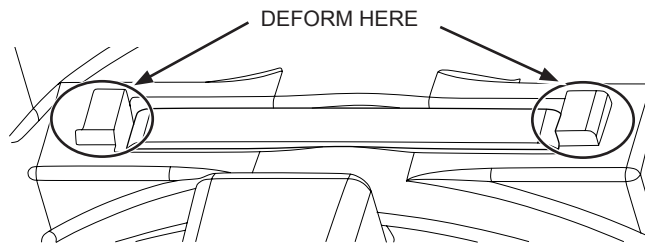


FIGURE 10

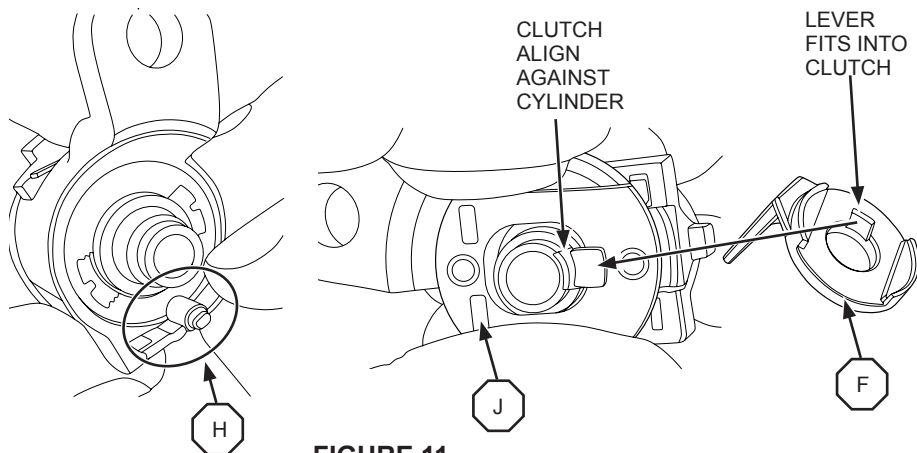


FIGURE 11

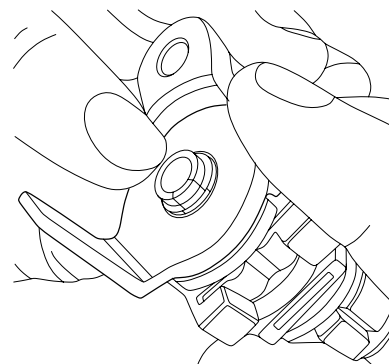


FIGURE 12

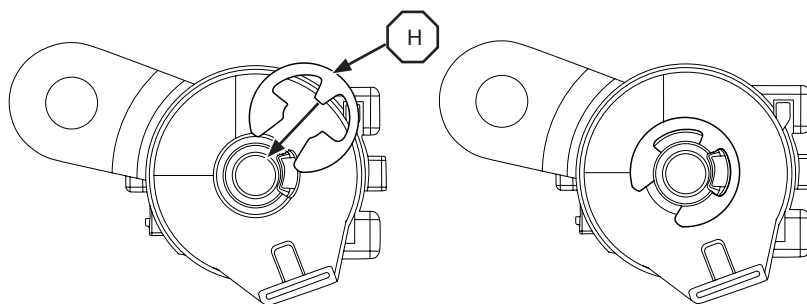


FIGURE 13

