



Applies To: **2002 CRV** – ALL  
**2003 CRV** – From VIN JHLRD7...3C200001 thru JHLRD7...3C210993

March 2004

## Door Lock Cylinder Binds

### SYMPTOM

The key will not go into the door lock cylinder, or if it goes in, it will not turn.

### PROBABLE CAUSE

The door lock tumblers are damaged or worn.

### CORRECTIVE ACTION

Remove the door lock cylinder, and replace the inner cylinder, springs, and tumblers.

### PARTS INFORMATION

Door Lock Cylinder Kit: P/N 06720-S5A-305

*(Kit contains eight door inner cylinders, two tailgate inner cylinders, and associated parts.)*

Cylinder Rod Clip: P/N 72116-S47-901

### WARRANTY CLAIM INFORMATION

**In warranty:** The normal warranty applies.

OP#	Description	FRT
817104	Repair one door lock	0.8
A	Repair one additional door lock	0.8

Failed Part: P/N 72185-S9A-003

Defect Code: 00503

Symptom Code: 07902

### REPAIR PROCEDURE

1. Obtain the customer's key code. Refer to the *Honda High Security Key Codes* book that comes with the Matrix H key cutting machine. Write down the applicable cutting code for the key code number. Make sure the code book contains the corrections listed in Service Bulletin 01-077, *Cutting Sidewinder-Type Keys With the Matrix H Key Cutting Machine*.

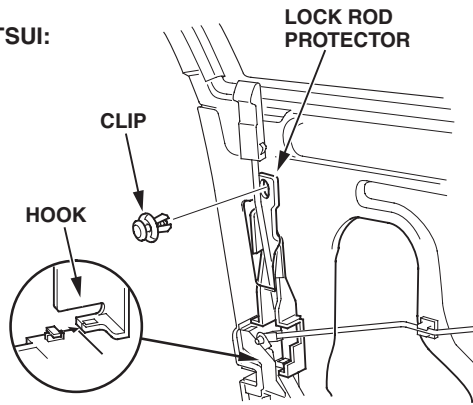
2. Use the chart below to write down the numbers found in the key code book.

J	H	G	F	A	X	E	D	C	B
					—	—			

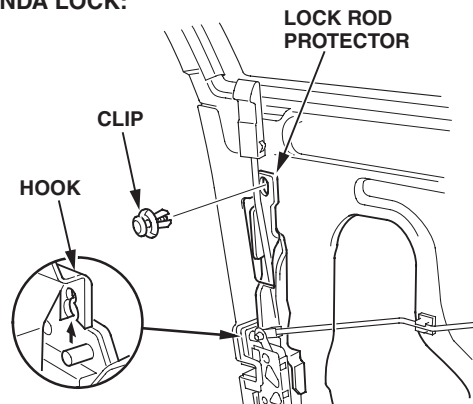
3. Remove these items:
  - Door panel (See the 2002–03 CR-V Shop Manual.)
  - Plastic cover, as necessary (See the 2002–03 CR-V Shop Manual.)
4. Raise the window glass fully.

- Release the clip, detach the hook, and remove the lock rod protector.

**MITSUI:**

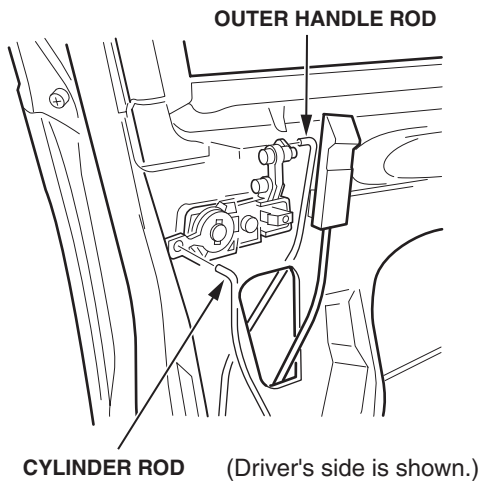


**HONDA LOCK:**

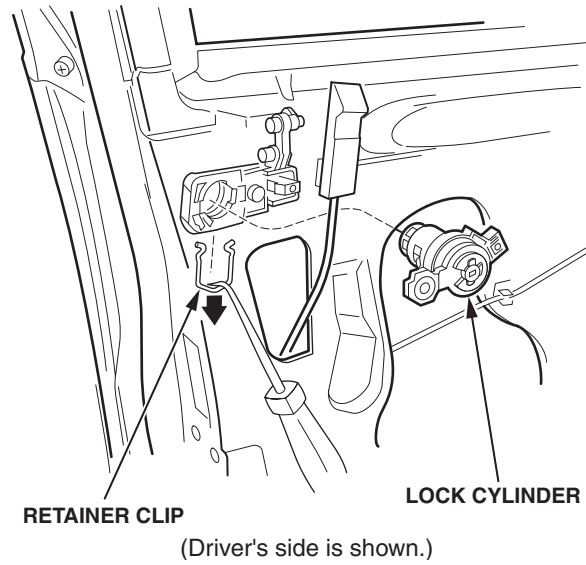


(Driver's side is shown.)

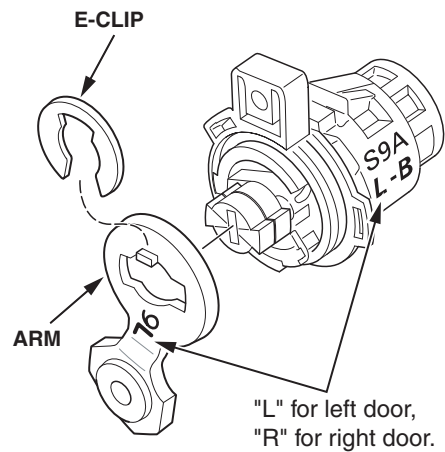
- Disconnect the outer handle rod and cylinder rod.



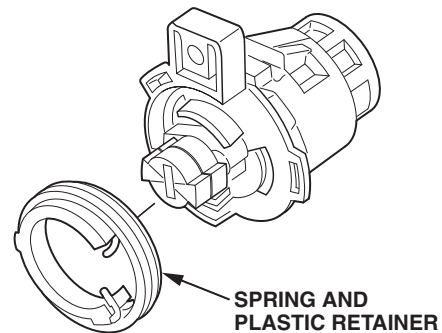
- Pull down on the retainer clip with a hook-shaped tool. Remove the lock cylinder.



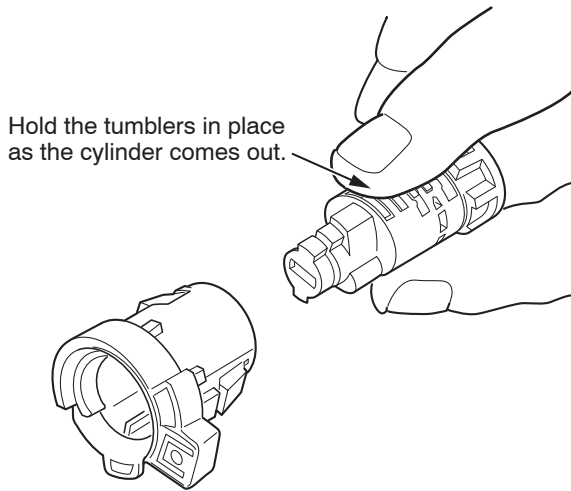
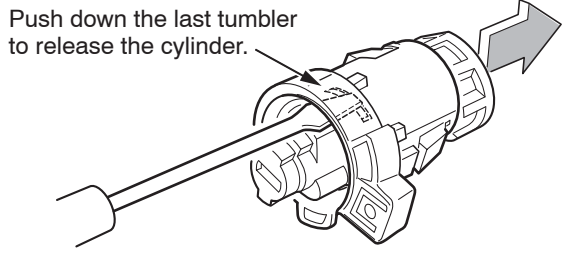
- With the door lock cylinder out of the door handle, remove the E-clip and the arm.



- Try to insert the key into the cylinder and turn it.
  - If you can insert and turn the key, go to step 12.
  - If you cannot insert the key or turn it, go to step 10.
- Carefully remove the spring and plastic retainer.



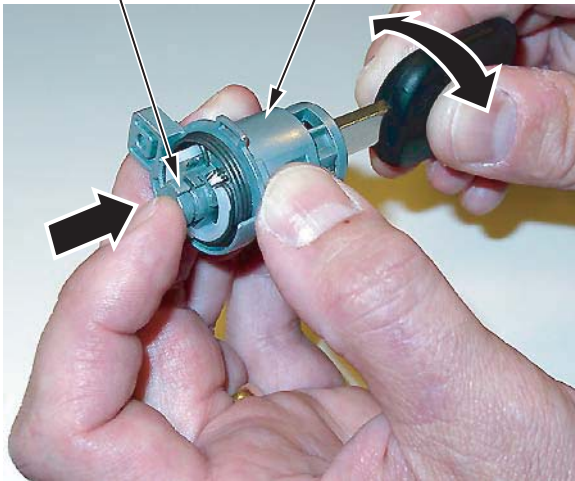
11. Using a small screwdriver, push down on the tip of the last tumbler to release it, then remove the cylinder from the housing, being careful not to drop any tumblers and springs. Use your thumb and forefinger to hold the tumblers in place. Then go to step 14.



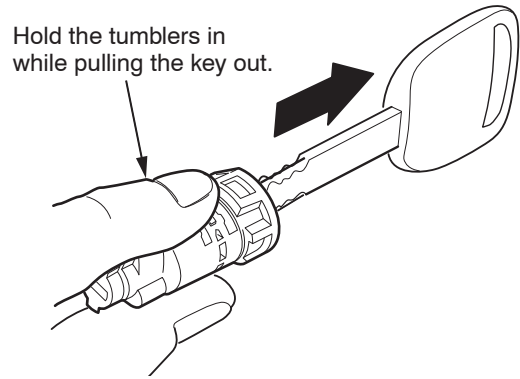
12. While turning the key left and right and pushing on the rear of the inner cylinder to release the spring, slowly remove the cylinder from the housing.

**INSIDE CYLINDER**  
(Press on the end while turning the key left and right.)

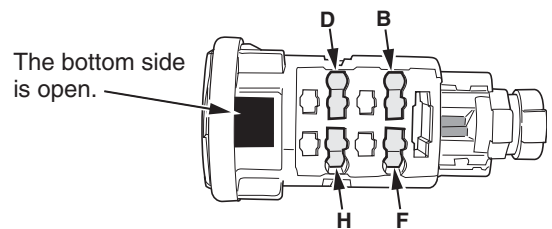
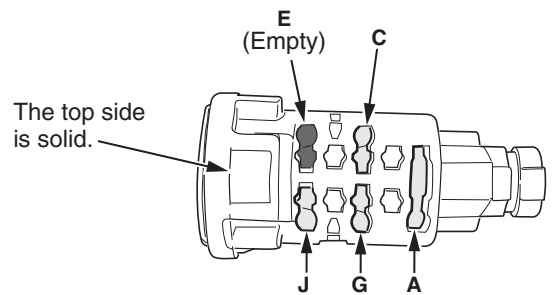
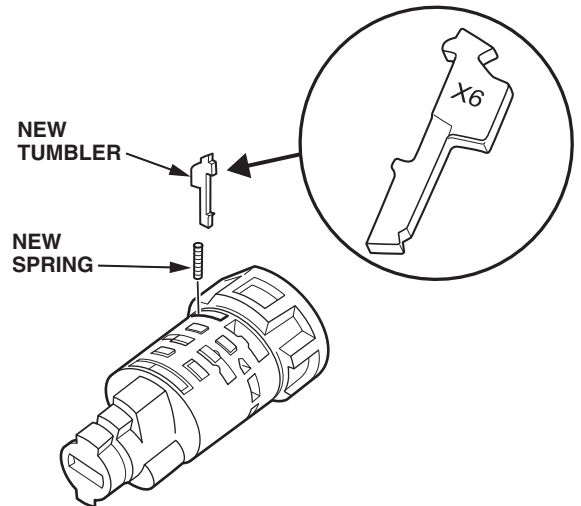
**OUTER HOUSING**



13. Using your thumb and forefinger to hold the tumblers, remove the key from the inner cylinder, being careful not to drop any tumblers and springs.

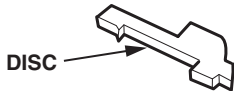
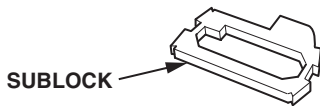


14. Using the customer's key code that you have written down at step 2, build a new inner cylinder with new springs and tumblers from the door lock cylinder kit. Make sure you put the appropriate numbered tumbler in the proper inner cylinder cavity. Apply a thin layer of grease (provided in the kit) to each tumbler to help lubricate and retain it.



**NOTE:**

- There are two types of tumblers. The "SUBLOCK" tumbler goes only in cavity "A." The "DISC" tumbler goes in cavities "B" through "J."

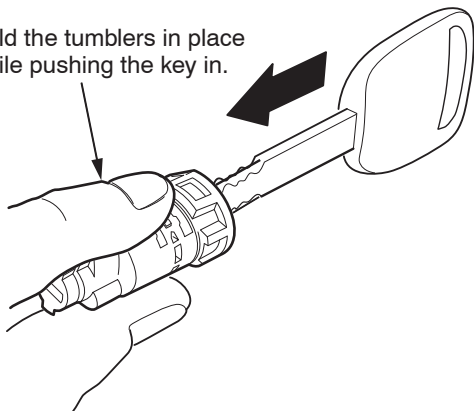


- Cavity "E" is empty on all cylinders.
- If no key code can be found in the *Matrix H High Security Key Codes Book*, contact the Export Service Department or remove one tumbler at a time from the old inner cylinder, and match the number stamped on the old tumbler to a new tumbler from the kit. Insert the new tumbler and spring in the appropriate new inner cylinder cavity.
- Do not use the old inner cylinder, springs, or tumblers.

15. Using your thumb and forefinger, hold the tumblers in place, insert the key in the cylinder and verify that all tumblers are flush with the cylinder. If not, double-check the key number, the cutting key code, the tumbler numbers, and the cavity locations.

**NOTE:** If the key cannot be inserted, check the tumbler in the "J" cavity. It may be out of position.

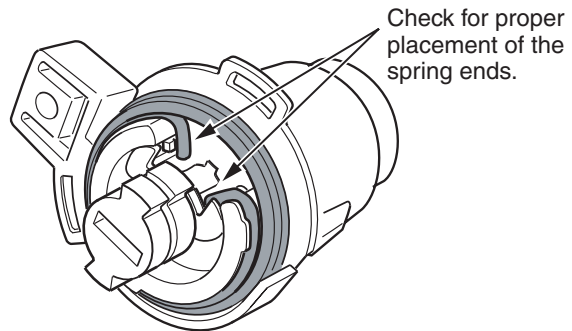
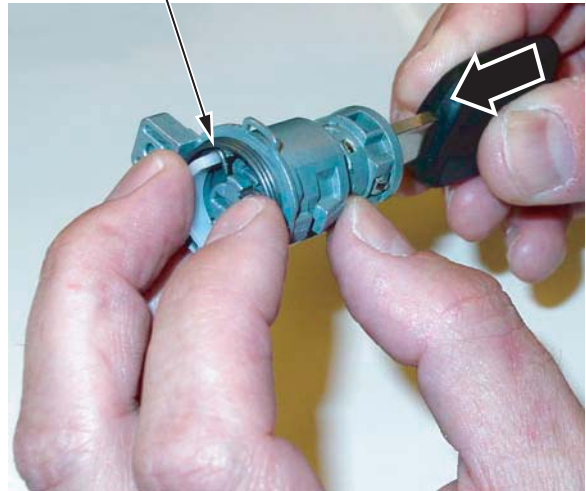
Hold the tumblers in place while pushing the key in.



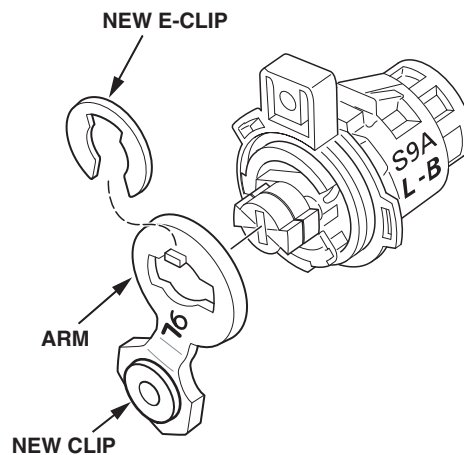
16. Leave the key in the cylinder. Reinstall the plastic retainer and spring if you removed them in step 10. Hold the plastic retainer and spring on the housing, and insert the inner cylinder. Rotate it left and right to engage the spring to the inner cylinder. Make sure the spring is properly seated to the inner cylinder.

**SPRING AND PLASTIC RETAINER**

(Hold in place while inserting the inside cylinder.)



17. Install the arm with a new cylinder rod clip and a new E-clip.



18. Make sure the key can be inserted and removed easily, and that the cylinder turns with the key.
19. Remove the key. Reinstall the retainer clip in the door handle, and push the lock cylinder into place.
20. Connect the cylinder rod, the outer handle rod, and the rod protector.
21. Reinstall the plastic covering, and lower the window glass. Install the door panel.
22. Check that the door lock and handle operate smoothly.