989-712 REMOVAL/INSTALL INSTRUCTIONS: IGNITION LOCK CYLINDER

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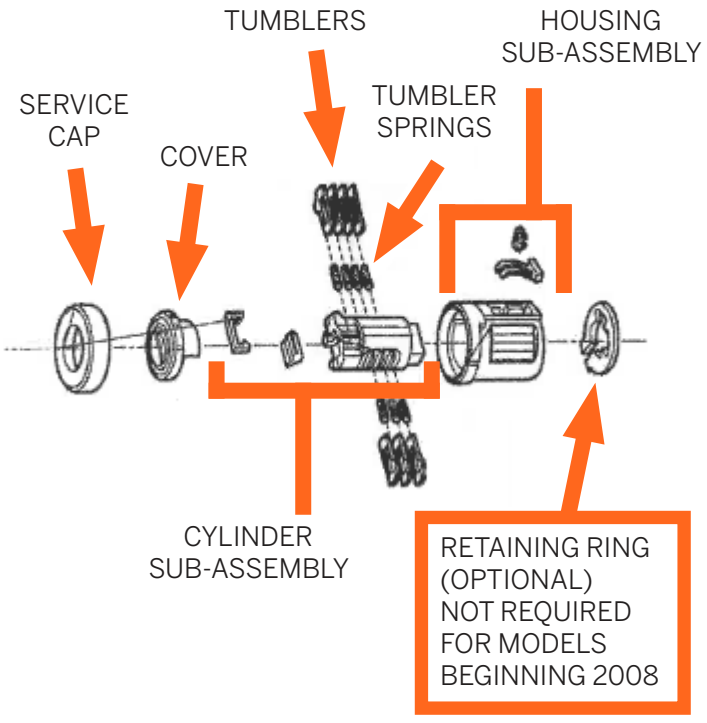
REMOVAL/INSTALL OF IGNITION LOCK CYLINDER (989-712)
Ford 2010–04, Lincoln 2009–04, Mercury 2009–04

GENERAL TECH TIPS:

- This lock cylinder kit consists of an ignition lock with keys and a programming tool. There are 3 keys provided in this kit; 2 transponder security keys and 1 non-transponder key. The 2 transponder keys will need to be programmed to your car to avoid a no-start condition.

PLEASE WEAR SAFETY GLASSES!

NOTE: This part comes with a retaining ring clip. This clip is not needed for vehicles 2008 and newer.



Disclaimer:
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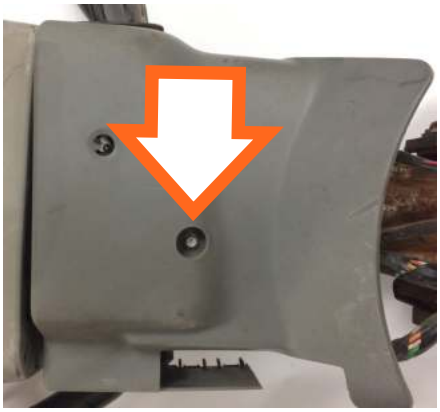
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Removal Instructions

STEP 1: Disconnect the battery.

STEP 2: Remove the bottom column shroud screw and remove shroud. **NOTE:** Shroud removal may vary among models.



STEP 3: If equipped, gently pry the shifter lever dust cover away from the column.



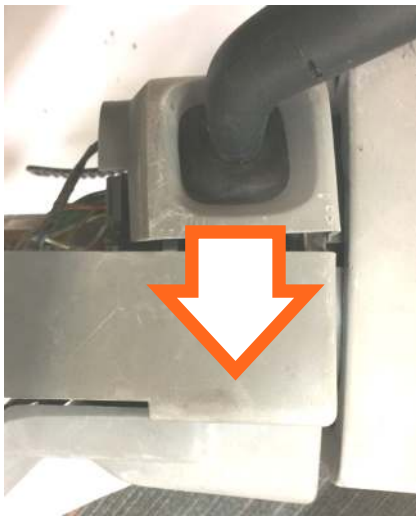
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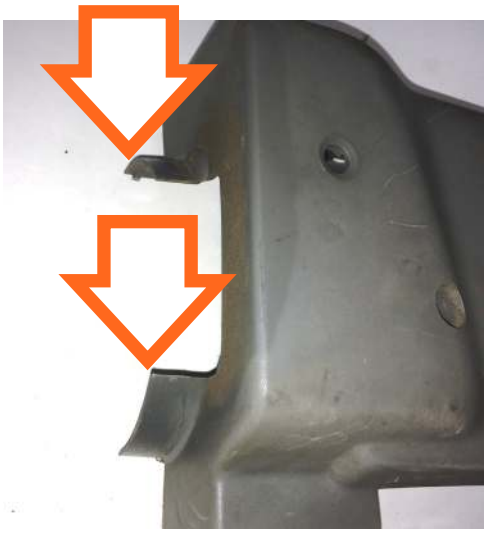
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STEP 4: Gently pry the lower shroud apart from upper shroud and remove from the column. The upper shroud will remain on column, do not remove.



STEP 4a: The lower shroud end flanges may be caught in steering wheel. Gently pull down and away from behind the steering wheel to assist in the removal. The steering wheel may need to be rotated to help ease the removal. **NOTE:** The column shrouds may appear different as the configuration may vary among models and years.



STEP 5: Remove the lower dash trim panel for ease of shroud removal, if needed.



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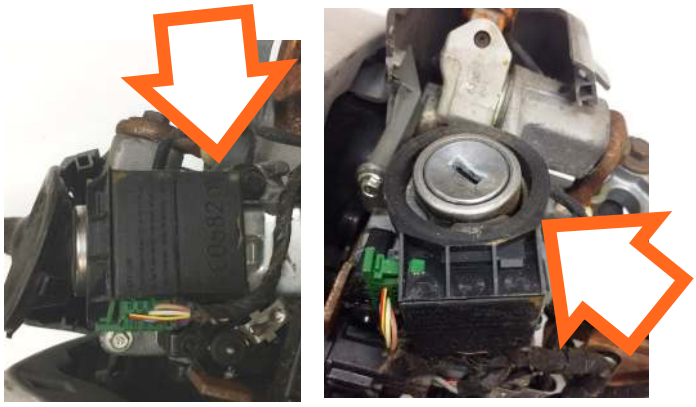
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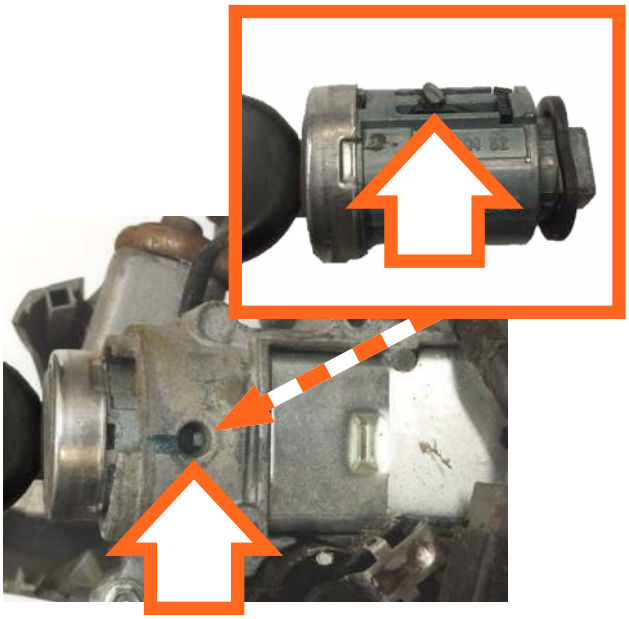
STEP 6: Some models may require the steering wheel to be rotated to help aid in the shroud removal.

STEP 7: Remove the security receiver ring from the lock housing by removing the retaining screw.



STEP 8: Rotate the lock cylinder to the run position.

STEP 9: Using a small screwdriver or suitable tool, depress the ignition lock release tab and pull the ignition lock from the column.



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Installation Instructions

STEP 1: Install the new lock into the column.

STEP 2: Reinstall the security receiver ring and the retaining screw.





STEP 3: If equipped, reinstall the shifter lever dust cover.

STEP 4: Reinstall the lower shroud and the retaining screw.

STEP 5: Verify there is free rotation of new lock cylinder.

STEP 6: Reconnect negative battery cable and program new keys using the following key programming instructions.

Key Programming

STEP 1: Remove all keys from the ring and separate them from each other.

STEP 2: Plug the programmer into the OBD2 port. (The OBD2 port is located under the dash by brake pedal). Wait for a beep.



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STEP 3: Insert the non-transponder key into the new lock while simultaneously holding the original key up against the non-transponder key and the lock in the orientation shown. Turn the key to the ON position without starting, and wait for programmer to beep.
NOTE: Do not hold original key next to the column or ignition after Step 3, as this will cause a programming failure.



STEP 4: Insert the first new transponder key. Turn the key to the ON position but do not start vehicle. Wait for the programmer to beep twice.

STEP 5: The programmer will begin a 10 minute security access wait. The programmer LED will flash.

STEP 6: The programmer will beep twice when security access is obtained.

STEP 7: Cycle the first new key from ON to OFF back to ON.

STEP 8: Wait for the programmer to beep once, then the turn key to the off position and remove.

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STEP 9: Insert the second new transponder key and turn to ON position.

STEP 10: The programmer will beep 3 times when programming is complete.

STEP 11: Both transponder keys are now programmed; the non-transponder key can be discarded.

Still need help?

Please call our Technical Support team for assistance from our team of certified automotive experts.

1-800-523-2492

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