

## Installation of JCW Steering Wheel Gen. II

### Tools Needed:

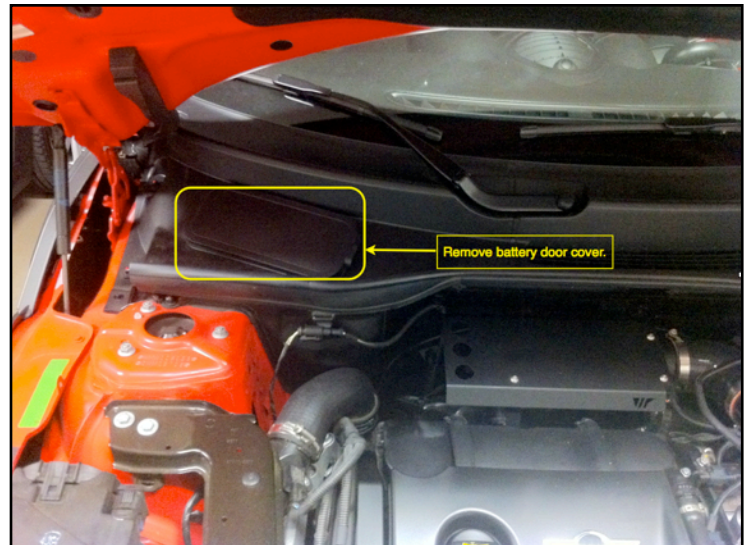
1. Ratchet and extension
2. Torx driver set
3. 16mm & 10mm Socket
4. Small flat head screw driver

### Time Required:

30-40 minutes

### Procedure:

1. Open Hood and remove battery cover.

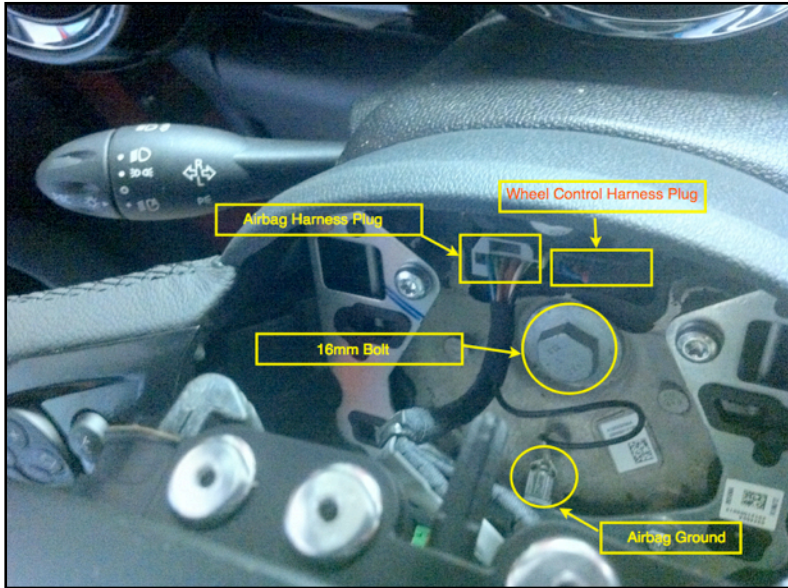


2. Loosen 10 mm nut and wiggle red terminal off of post. Set terminal aside and reattach red terminal closure to ensure terminal does not come in contact with terminal post during installation. This is **very important** to keep the airbag from going off during removal or re-installation.

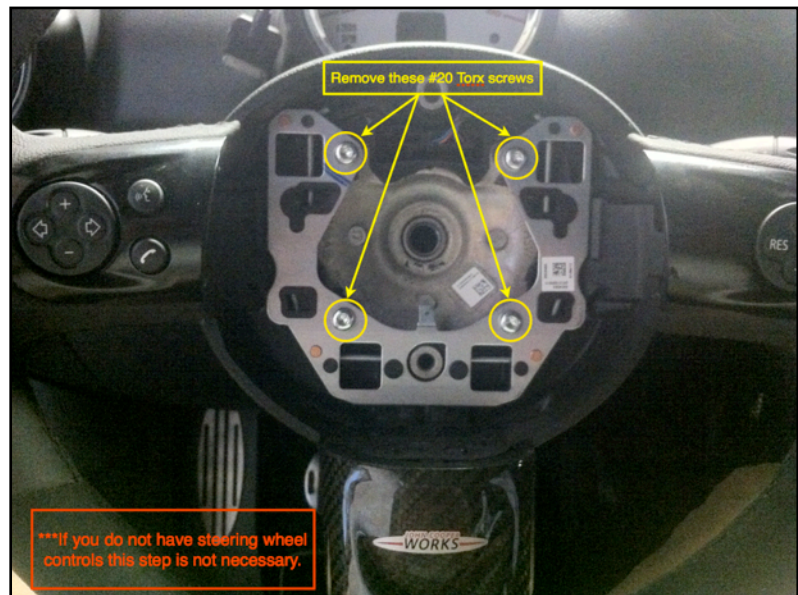


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- Using a small flat head screw driver or small allen wrench, push tool into the bottom slot located on the bottom of the steering wheel just behind the bottom post to release the airbag. A little pressure may be needed to push down the spring loaded plate. Once locks are released, carefully remove the air bag ground and the airbag harness plug. Set airbag aside.
- Using the 16mm socket, remove the bolt holding the steering wheel on. This requires a little force but not a ton.
- Remove steering wheel control connection located next to the air bag harness connection. The wheel can now be removed by sliding the wheel off the steering shaft.

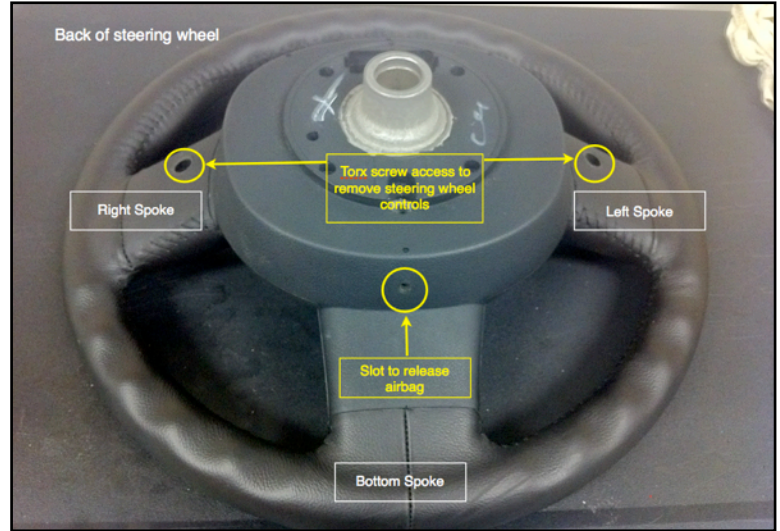


- This step is only necessary if you have steering wheel controls.** Remove 4 #20 Torx screws holding on the airbag retaining plate so that you can remove steering wheel control harness to move to the new steering wheel. (You may want to do this while the steering wheel is still secured on the steering shaft but you can do it once the wheel is removed.) The wheel can now be removed by sliding the wheel off the steering shaft.

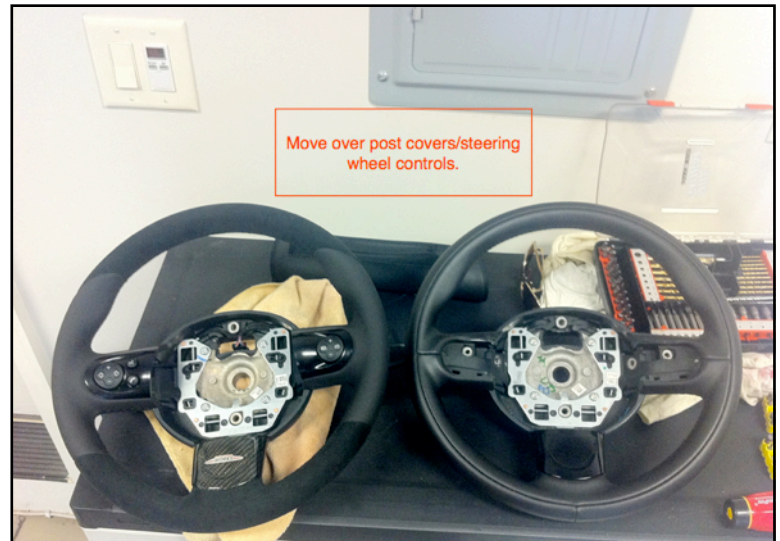


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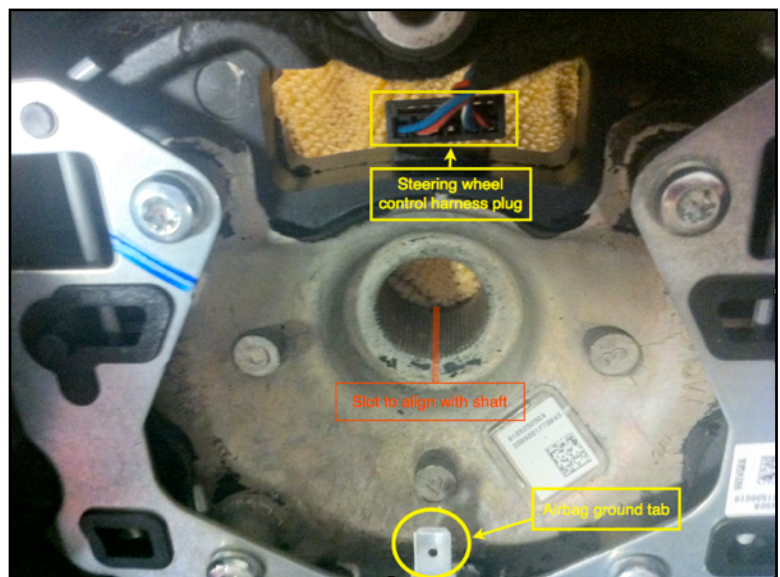
7. Remove torx screws from the back of the right and left post. These screws secure the steering wheel controls. You can then slowly pry with your fingers moving around the controls until they come out. This may take a few minutes as these piece are pressed fitted. Be careful since the controls are thin plastic and can break if too much force is applied. The bottom post cover can be removed in the same manner but does not have a screw holding it into place. Remove the plug from the back of each control and remove harness from the old wheel paying attention to the trench created for the harness.



8. Reinstall harness into new wheel. Connect plugs into back of switches and press the controls into the wheel. After insuring proper routing of harness, reinstall airbag retaining plate and control screws.



9. Now it's time to install the new steering wheel. Before you do that, take time to notice the slot in the bottom of the steering wheel shaft. This is designed to make sure that the steering wheel goes back on in perfect place and the steering wheel is properly lined up.



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10. Slide the steering wheel onto the shaft while lining up the slot at the bottom of the wheel and steering shaft. Secure wheel by installing 16mm bolt and tightening. Plug in steering wheel control connection. Now reinstall air bag by plugging in air bag connection and reattaching airbag ground onto tab. Then you can push on airbag until you hear it click on both sides of the wheel. Reattach red terminal onto battery and tighten nut. Start car to ensure there are no error messages other than the display. **Note:** You may see a yellow warning indicator in the tach display window. This is a reminder to set your clock which can be done through the radio. Enjoy!

