

1st gen MINI Cooper 2 spoke steering wheel removal and reinstall for new steering wheel wrap/cover

Tools that will be needed

- ¼ socket wrench
- ½ socket wrench
- Torque wrench
- Torx bits (T27 & T10)
- 17mm combo wrench
- 10mm & 17mm socket
- Small flat blade screw driver
- Electrical tape & Duct tape



Step One

1. Open the Boot for access to the Battery in a Cooper S, or the Bonnet in a Cooper
 - a. Cooper S – Use Duct tape to cover the boot latch so the boot does not latch/lock



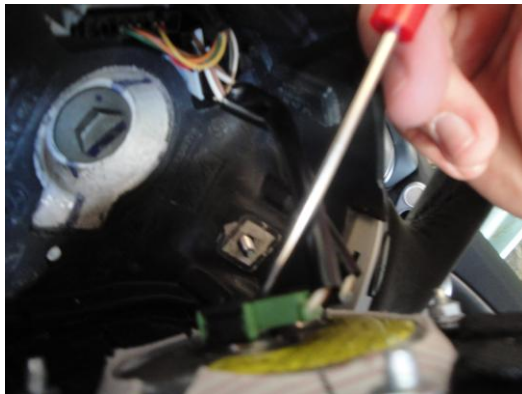
- b. Cooper – Leave the Bonnet released, do not close fully
 2. Cooper S – prop the boot battery cover open
 3. Disconnect the battery using the 10mm socket
 - a. Disconnect the Positive (red wire)
 - i. Tape the cable down to keep from making a connection
 - b. Disconnect the Negative (black wire)
 - i. Tape the cable down to keep from making a connection
 4. Turn on the headlights, press the brake, and turn the ignition key
 - a. This is to help drain the residual charge in the MINI's system
 - b. Leave the MINI alone now for about 20 to 30 or more minutes
 5. The residual charge should be drained now and allow for safe removal of the airbag
 - a. **We cannot be held responsible for failure to remove a charge to prevent the airbag from discharging**

Step Two

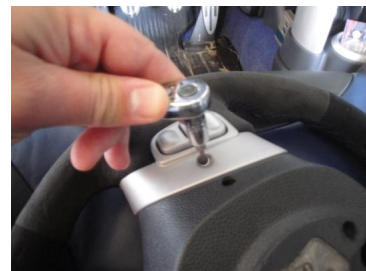
1. Straighten your steering wheel so it is exactly straight and remove the key (steering wheel will lock)
2. Using the T27 Torx (I use an adapter with the ¼ socket wrench)
 - a. Locate the Airbag retain screws on the back side of both sides of the steering wheel & remove them
 - i. (other hole to the right of the wrench in the picture)



- ii. Screw is at a 45 degree angle
 - iii. Use Duct tape to tape the screws in the steering wheel back
3. Now gently pull the Airbag forward (snap fitted)
 - a. DO NOT use excessive force as there are two wires still attached
 4. Using the small flat blade screw driver (ground yourself first, touch the metal door jamb)
 - a. Locate the 2 wires attached to the airbag and pop the black release safety catches



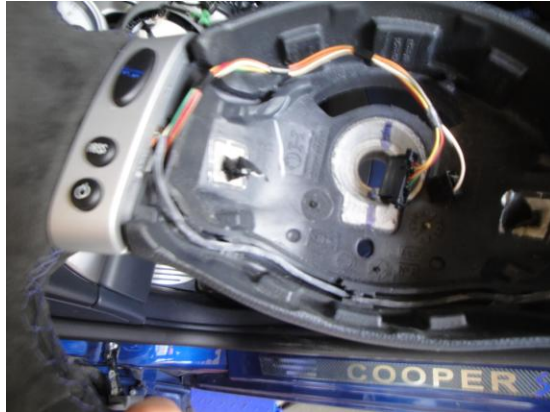
- b. Each plug pulls out at 90 degrees from the Airbag
 - i. I used Electrical tape to cover each plug, Green on one and black on the other
5. Now place the Airbag with the MINI emblem facing up aside and off a metal surface (cardboard is good)
 - a. Remember no static around this
 6. Using the 17mm socket remove the steering wheel bolt from the center
 7. Rock gently the steering wheel to remove, DO NOT TURN IT
 8. Using the T10 Torx (I use an adapter with the ¼ socket wrench)
 - a. Remove the audio/cruise control from the backside



9. Reattach the 17mm nut so as not to lose it

Step three

1. Follow the Redline Goods steering wheel wrap/cover install guide
 - a. Watch the video 1st to become familiar
 - b. Or box up and send your steering wheel to one of the recommended Redline Goods installers
 - i. <http://www.redlinegoods.com/SteeringWheelInstaller.php>
2. Once the steering wheel is wrapped, reverse the above installation
 - a. A couple notes
 - i. Make sure all the control wires are tucked back in and neat



- ii. On the 17mm steering wheel bolt, torque to 46/47 lbs



- iii. On the Torx use finger tight (DON'T go crazy)
 - iv. The steering wheel has a pilot hole that goes into the white swivel plate



ALL DONE! Enjoy your new custom steering wheel.