

sector 111

hubQR Installation Instructions

Rev. A

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READ FITTING INSTRUCTIONS IN FULL BEFORE INSTALLATION

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1. Disconnect
Battery

- 10mm Wrench

- a. Locate battery in trunk.
- b. Remove plastic battery cover.
- c. Disconnect positive and negative battery terminals.



Assembly Step

Tools/ Parts

Detailed Instructions

Picture


2. Remove Air Bag

- Flat Head Screwdriver
- 5mm Allen Wrench


- a. Make sure wheels are straight forward.
- b. Remove two 5mm Allen bolts located on the sides of the OEM steering wheel.
- c. Pull the airbag assembly from out of the center of the OEM steering wheel.

- d. Use a flat head screwdriver to remove the green safety clip located on the back of the airbag assembly.
- e. Pull SRS plug from airbag assembly.
- f. Pull horn plug from steering wheel harness.






Assembly Step	Tools/ Parts	Detailed Instructions	Picture
<p>3. Remove Factory Steering Wheel</p>	<ul style="list-style-type: none"> • 5mm Allen Wrench 	<ol style="list-style-type: none"> a. Remove (4) 5mm Allen bolts located inside center of OEM steering wheel. b. Pull wheel off from steering column. 	
<p>4. Horn Wiring</p>	<ul style="list-style-type: none"> • Wire Cutters • Crimps (Optional) • Soldering Iron • Wire Strippers 	<ol style="list-style-type: none"> a. For the following steps, refer to wiring diagram on page 13. b. Inside OEM steering wheel, you will need to cut and reuse the female plug from the horn leads (be sure to leave enough wire length to strip and crimp). c. You can either solder these wires together (for permanent install) or get quick disconnects. d. If you choose to solder the wires permanently, then skip steps “e” & “f” and solder directly to the female horn harness plug. e. If you choose to get quick disconnects, you need a ground (-) male crimp-on quick disconnect as well as a 	



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		<p>power (+) female crimp-on quick disconnect (these can be found in your local electronics store).</p> <p>f. Crimp the 2 quick disconnects onto the OEM female plug wire that you cut in step “b”.</p>		
5. Install Hub Adapter	<ul style="list-style-type: none"> • 20mm Hub Adapter • 5mm Allen Socket • Extension • Torque Wrench 	<p>a. Align 20mm hub and put in the 4-5mm bolts. Torque bolts in a cross pattern ~25ft-lbs</p>		
6. Install hubQR (Hub Side)	<ul style="list-style-type: none"> • hubQR (Hub Side) • 3mm Allen • Extension • Torque Wrench 	<p>a. Connect positive and negative leads for horn from the hub side of hubQR to the positive and negative leads (from female plug) you crimped (or soldered) in the hub installation.</p> <p>b. Take the wires and tuck into hub neatly.</p> <p>c. Place hubQR (hub side) onto the 20mm Hub, (note the indented 'dot' on the hubQR should be positioned at 12 o'clock position.</p>		

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		<p>d. Use included chrome Button Head Cap Screws to bolt the hubQR (hub side) onto the hub, using ~20ft. lbs torque. <i>Note: hub adapter shown in picture is different</i></p>		
<p>7. Install hubQR(Steering Wheel Side)</p>	<ul style="list-style-type: none"> • hubQR(Steering Wheel Side) • Grounding Ring 	<p>a. Attach hubQR(steering wheel side) to the hubQR (hub side) and lock in place. <i>Note: Picture does not show the flared ring in place.</i></p> <p>b. Take included grounding ring and place with the prong at 12 o'clock position.</p> <p>c. Connect black ground wire from hubQR (wheel side) to the grounding ring prong.</p> <p>d. Bend prong down so that the horn button can fit.</p>	 	

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8. Install Steering Wheel of Choice	<ul style="list-style-type: none"> Steering Wheel of Choice (Personal F1 Wheel Pictured) 	<ol style="list-style-type: none"> Take the 6 bolt steering wheel of your choice and bolt it to the hubQR (Personal F1 Steering Wheel Pictured) Torque down bolts in a star pattern to ~15ft. lbs. 		
9. Install Horn Button (If Applicable)	<ul style="list-style-type: none"> Horn Button (If Applicable) 	<ol style="list-style-type: none"> If your steering wheel includes a horn button, attach the power (yellow) wire to the horn Put horn button inside hubQR. hubQR has a silver metal ring inside that may need to be removed for some horn buttons. Horn button is a tight fit and will require adequate pressure to install. 		
10. Wheel Removal and Installation		<ol style="list-style-type: none"> When you reattach the hubQR, it should slide in very smoothly, with minimal effort. Once the steering side and hub side mate, spin the wheel until it locks firmly into position. Make sure the hubQR is locked in place before driving. The Flared Ring can be twisted into a 'Safe' mode or a 'Quick Release Mode'. Twist the Flared Ring into the Safe mode to prevent accidental release. It must be in Quick Release Mode to release the wheel. 		

Assembly Step

Tools/ Parts

Detailed Instructions

Picture

