

sector 111

Rapfix II Quick Release Installation Instructions

Rev. A

Page 1 of 13

Assembly Step

Tools/ Parts

Detailed Instructions

Picture/ Illustration



READ FITTING INSTRUCTIONS IN FULL BEFORE INSTALLATION



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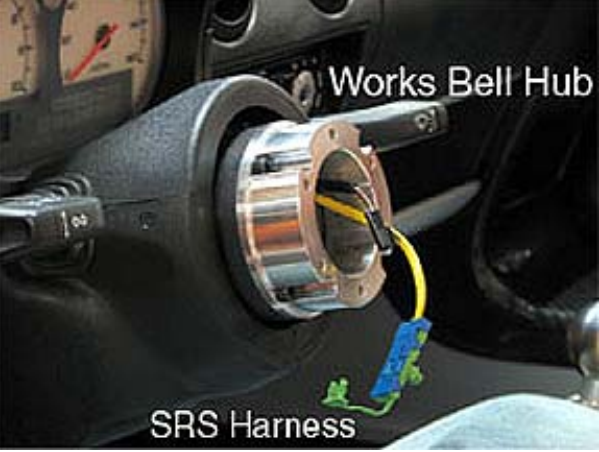
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Assembly Step	Tools/ Parts	Detailed Instructions	Picture/ Illustration
<p>1. Disconnect Battery</p>	<ul style="list-style-type: none"> • 10mm Wrench 	<ol style="list-style-type: none"> Locate battery in trunk. Remove plastic battery cover. Disconnect positive and negative battery terminals. 	
<p>2. Remove Air Bag</p>	<ul style="list-style-type: none"> • Flat Head Screwdriver • 5mm Allen Wrench 	<ol style="list-style-type: none"> Remove two 5mm Allen bolts located on the sides of the OEM steering wheel. Pull the airbag assembly from out of the center of the OEM steering wheel. Use a flat head screwdriver to 	



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		<p>remove the green safety clip located on the back of the airbag assembly.</p> <p>d. Pull SRS plug from airbag assembly.</p> <p>e. Pull horn plug from steering wheel harness.</p>	
<p>3. Remove Factory Steering Wheel</p>	<ul style="list-style-type: none"> • 5mm Allen Wrench 	<p>a. Remove (4) 5mm Allen bolts located inside center of OEM steering wheel.</p> <p>b. Pull wheel off from steering column.</p>	
<p>4. Horn Wiring</p>	<ul style="list-style-type: none"> • Wire Cutters • Crimps (Optional) • Soldering Iron • Wire Strippers 	<p>a. For the following steps, refer to wiring diagram on page 13.</p> <p>b. Inside OEM steering wheel, you will need to cut and reuse the female plug from the horn</p>	


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		<p>leads (be sure to leave enough wire length to strip and crimp).</p> <ul style="list-style-type: none"> 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 power (+) female crimp-on quick disconnect (these can be found in your local electronics store). f. Crimp the 2 quick disconnects onto the OEM female plug wire that you cut in step “b”. 	


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5. SRS Bypass	<ul style="list-style-type: none"> • SRS Airbag Disable Module 	<ol style="list-style-type: none"> a. Take the SRS Airbag Disable Module and plug into the green SRS plug jumper. b. Note: Keep in mind that since it is a fuse, positive and negative do not apply. 	
6. Install Hub Adapter	<ul style="list-style-type: none"> • Hub Adapter • 5mm Allen Socket • Extension • Torque Wrench 	<ol style="list-style-type: none"> a. Remove short hub from package and take off the plastic hub shroud. b. On top of the short hub, there is an indented “dot” which indicates “12 o’clock” position on the hub. c. Align hub dot at 12 o’clock position and put in the 4 bolts supplied with hub. d. Torque bolts down in a cross pattern with ~25-30 ft. lbs torque. e. Put plastic hub shroud back over the hub if desired. 	

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<p>7. Install Rapfix II (Hub Side)</p>	<ul style="list-style-type: none"> • Rapfix II (Hub Side) • 5mm Allen Socket • Extension • Torque Wrench 	<ol style="list-style-type: none"> a. Connect positive and negative leads for horn from the hub side of Rapfix II to the positive and negative leads (from female plug) you crimped (or soldered) in the hub installation. b. Take the wires and tuck into hub neatly. c. Place Rapfix II (hub side) onto the hub, matching the intended dot on the Rapfix at the same 12 o'clock position as the hub. d. Use included chrome Button Head Cap Screws to bolt the Rapfix (hub side) onto the hub, using ~20ft. lbs torque. 	


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<p>8. Install Flipper to Rapfix II</p>	<ul style="list-style-type: none"> • Rapfix II (Steering Wheel Side) • Flipper • Supplied Allen Wrench 	<p>a. Remove C ring from inside of Flipper.</p> <p>b. Locate push button on Rapfix II and cut out on Flipper</p> <p>c. Slide Flipper onto Rapfix II so that cut out on Flipper lines up with push button on Rapfix II.</p> <p>d. Thread set screw into hole on Flipper.</p>	

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		<p>e. Note: Make sure you can rotate the Flipper and sleeve on Rapfix II together. If you over tighten, neither will turn, if you under tighten, only the Flipper will turn.</p>	
<p>9. Install Rapfix II (Steering Wheel Side)</p>	<ul style="list-style-type: none"> • Rapfix II (Steering Wheel Side) • Grounding Ring 	<p>a. Attach Rapfix II (steering wheel side) to the Rapfix II (hub side) and lock in place.</p> <p>b. Note: Picture does not show Flipper in place.</p> <p>c. Take included grounding ring</p>	

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		<p>(taped to cardboard packaging) and place with the prong at 12 o'clock position.</p> <p>d. Connect black ground wire from Rapfix II (wheel side) to the grounding ring prong.</p> <p>e. Bend prong down so that the horn button can fit.</p>	
<p>10. Install Steering Wheel of Choice</p>	<ul style="list-style-type: none"> • Steering Wheel of Choice (Personal F1 Wheel Pictured) • Steering Wheel Mounting Screws (Supplied With Steering Wheel) 	<p>a. Take the 6 bolt steering wheel of your choice and bolt it to the Rapfix II. (Personal F1 Steering Wheel Pictured)</p> <p>b. Torque down steering wheel bolts in a star pattern to ~15ft. lbs. torque.</p>	

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<p>11. Install Horn Button (If Applicable)</p>	<ul style="list-style-type: none"> Horn Button (If Applicable) 	<p>a. If your steering wheel includes a horn button, attach the power (red) wire to the horn.</p> <p>b. Put horn button inside Rapfix II.</p> <p>c. Note: Rapfix II 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. Be sure to line it up prior to fully installing.</p>	
<p>12. Test Horn</p>	<ul style="list-style-type: none"> 10mm Wrench 	<p>d. Re-connect battery.</p> <p>e. Test horn.</p> <p>f. Cover battery when you verify the horn works.</p>	

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<p>13. Wheel Removal and Installation</p>		<p>a. Since the Rapfix II is machined with very precise tolerance, incorrect usage of the mechanism can hinder performance.</p> <p>b. When you reattach the Rapfix II after removing, make sure to use the correct method as shown to the right.</p> <p>c. If you use the correct method, it should slide in very smoothly, with minimal effort.</p> <p>d. Once the steering side and hub side mate, spin the wheel (any direction) until it locks firmly into position.</p> <p>e. Make sure the Rapfix II is locked in place before driving.</p> <p>f. Using the wrong method can result in poor performance or damage to the unit, which will not be covered under warranty as a product defect.</p> <p>g. Over time, the Rapfix II finish may remove at contact points but this is normal wear and tear.</p>	<p>Proper way to attach Rapfix II</p> <p>The diagram illustrates two methods of attaching the Rapfix II to a steering wheel. The top method, labeled 'CORRECT', shows the Rapfix II (steering side) being pushed onto the steering wheel hub, with the Rapfix II (hub side) fitting into the hub. The bottom method, labeled 'WRONG', shows the Rapfix II (steering side) being pushed onto the steering wheel hub, but the Rapfix II (hub side) is not properly seated, leading to misalignment.</p>
<p>14. Using the Flipper</p>		<p>a. There are two modes you can</p>	

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		<p>set for the Flipper.</p> <p>b. The first mode is “Safe Mode” and requires you to manually press the button on the side of the Rapfix II.</p> <p>c. The second mode is “Quick Release Mode” and allows you to remove your steering wheel by simply pulling back on the flipper.</p> <p>d. To put your Flipper from safe mode to quick release mode or visa versa, simply twist the flipper so that it lines up accordingly for the mode you wish to be in.</p>	 <p>The image contains two photographs of the Rapfix II flipper. The top photograph shows the flipper in a position where a small button on its side is visible, with the text "Safe Mode" overlaid in red. The bottom photograph shows the flipper rotated so that a different part of its side is visible, with the text "Quick Release Mode" overlaid in red.</p>

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