

# sector 111

**Xtender2**

**Rev. B**

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**Assembly Step**

**Tools/ Parts**

**Detailed Instructions**

**Picture/ Illustration**

## **READ FITTING INSTRUCTIONS IN FULL BEFORE INSTALLATION**

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**Xtender2 install**

***Important note when installing a new battery:*** If battery is disconnected for longer than 5 or 10 minutes, your ECU will reset. Therefore, the computer will need some time to figure out environmental parameters and driving style, much like a new car.

**Please refer to Sector111 website for full instructions**

<b>Assembly Step</b>	<b>Tools/ Parts</b>	<b>Detailed Instructions</b>	<b>Picture/ Illustration</b>
Pre-Install check list	<ol style="list-style-type: none"><li>1. Battery cut off switch</li><li>2. Battery cable</li><li>3. Battery bracket</li><li>4. 4 shoulder bolts 10-24 x1.25</li><li>5. 1"x 2"foam strip</li></ol>	Before beginning installation Confirm all parts are included in kit.	

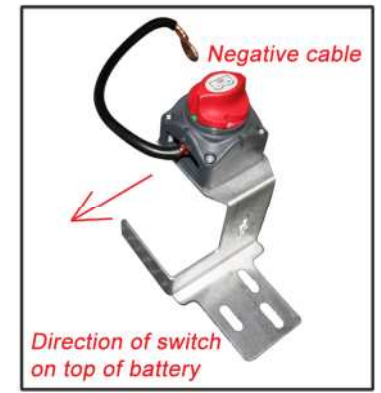
<b>Assembly Step</b>	<b>Tools/ Parts</b>	<b>Detailed Instructions</b>	<b>Picture/ Illustration</b>
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2. Assemble cables to switch


Orient switch to bracket as bracket will be placed on battery in car. Green portion (on) will be facing rear of car. This is how switch will be placed on bracket. Remove bottom cover. There is a blanking plate that is in place that will need to be repositioned to the opposite side.

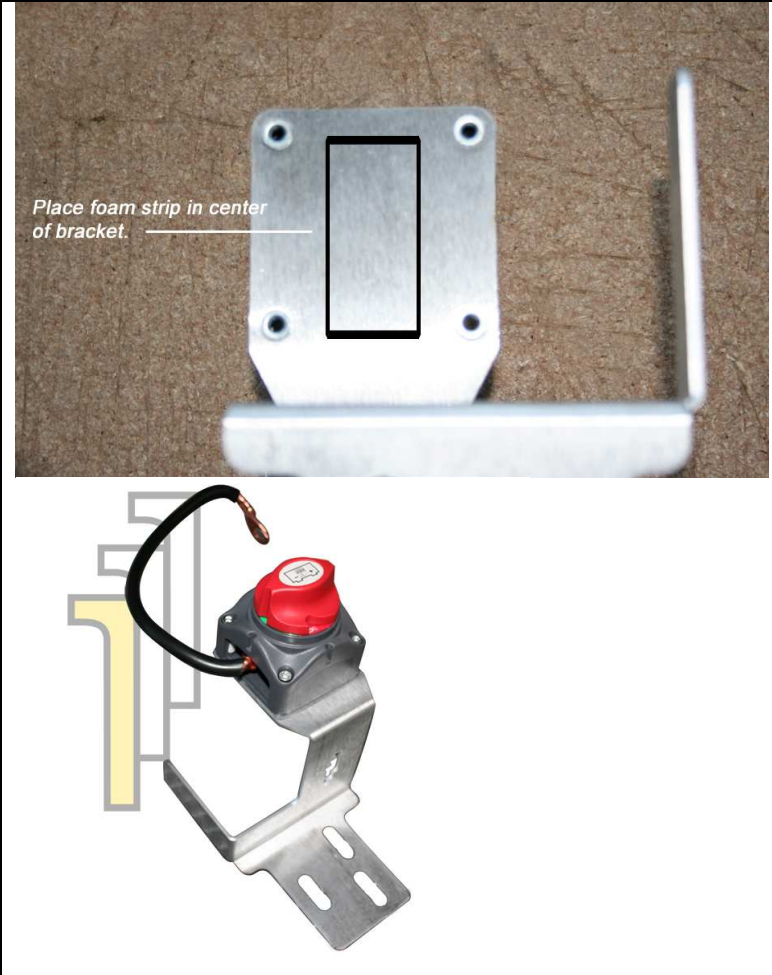
**See image below:**

Attach supplied negative cable to switch.




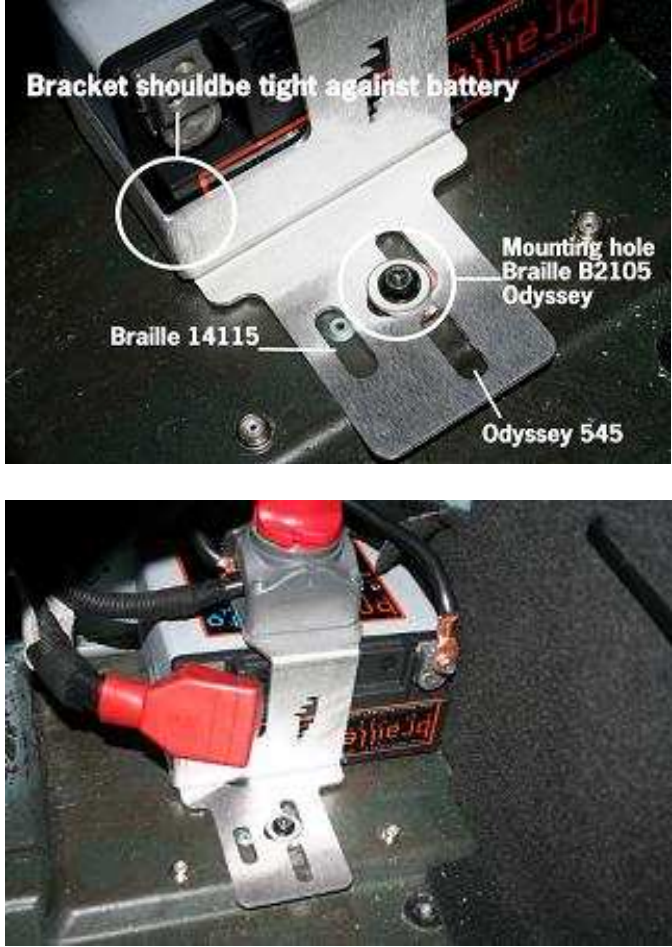
**Switch mounted to bracket. note orientation of switch to bracket and cable exit**


Assembly Step	Tools/ Parts	Detailed Instructions	Picture/ Illustration
<p>2. Assemble cables to switch</p>	<ol style="list-style-type: none"> <li>1. 17mm wrench</li> <li>2. 13mm wrench</li> </ol>	<p>Unsnap battery cover from floor and pull cover out and away from fender well.</p> <p>Remove 5mm Allen bolt and washer holding stock battery bracket. Remove bracket.</p> <p>Disconnect battery cables by removing 13mm nut. Remove the negative cable first, then positive. <b>Neg- cable from vehicle will be attached to cut off switch.</b></p> <p>Attach supplied negative cable to terminal as shown <b>after removable plate has been repositioned.</b></p> <p>Place eyelet facing <b>upwards</b> as shown. This provides adequate clearance for the exit of the cable. Once upright, the cable will be exiting from the left side.</p> <p>Now attach power cable to other terminal. Tighten both leads.</p> <p>Reattach bottom cover</p>	 <p><b>Supplied Neg-cable terminal attach</b></p>

Assembly Step	Tools/ Parts	Detailed Instructions	Picture/ Illustration
<p>3. Attach switch to bracket</p>	<p>2. 4mm Allen key</p>	<p>Place 1" x 2" foam strip under bracket for vibration reduction and proper fit.</p> <p><b>Note:</b> For Odyssey 680 cut the supplied foam in two, stack and adhere to bottom of bracket.</p> <p>Secure cut off switch in proper orientation on bracket. Secure with supplied screws. <b>Do not over tighten!</b> Tighten snugly.</p>	

Assembly Step	Tools/ Parts	Detailed Instructions	Picture/ Illustration
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<p>4. Modify OE neg. battery cable</p>	<p>1. Power Drill 2. Vice grips 3. 7/16 to 1/2 drill bit 4. Rat file</p>	<p>The OE cable has to be modified to fit the new switch by enlarging the hole.</p> <p>Grip cable with vice grip to keep cable stable. Hold while using drill. Start slow. Cable will grab if power is applied too quickly.</p> <p><b>Note:</b> Cable is located in car. Use caution as space is limited.</p> <p>An alternative is to simply file the hole larger while holding the cable with vice grips.</p> <p><b>Use goggles and appropriate safety gear while doing this operation</b> attached terminal.</p>	
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Assembly Step	Tools/ Parts	Detailed Instructions	Picture/ Illustration
<p>5. Final installation</p>	<p>1. 10mm wrench 2. 5 mm Allen key</p>	<p>Remove stock battery brackets from fender well. Place battery in position. Battery forward edge should be sitting on rubber grip strip. <b>Note terminal markings on battery for proper polarity.</b></p> <p>Place assembly in place as shown. Secure in place using hole suited for appropriate battery.</p> <p>With switch in 'off' position route negative cable under positive cable. Reconnect the negative terminal. Position the lead to stand upright when tightening.</p> <p>Connect positive terminal. Place red cover over the attached terminal.</p>	

Assembly Step	Tools/ Parts	Detailed Instructions	Picture/ Illustration
<p>5. Security Feature</p>		<p>The Xtender2 has an additional benefit:  <b><i>The red control knob is <u>removable</u> for extra security.</i></b></p> <p>Push down knob once in red area and turn counter-clockwise. Lift off.</p> <p>When refitting, push knob down and rotate clockwise.</p> <p>If removed take note where the knob will be stored for future use.</p>	<p><b><i>Removable knob for extra security</i></b></p>  <p><i>Rotate counter-clockwise once in off position. push down then lift</i></p> <p><i>When refitting knob push down, rotate clockwise</i></p>