





BESTHYBRID BATTERIES






Honda Civic Hybrid 2003-2005






Step-by-Step Hybrid Battery Removal and Installation Instructions


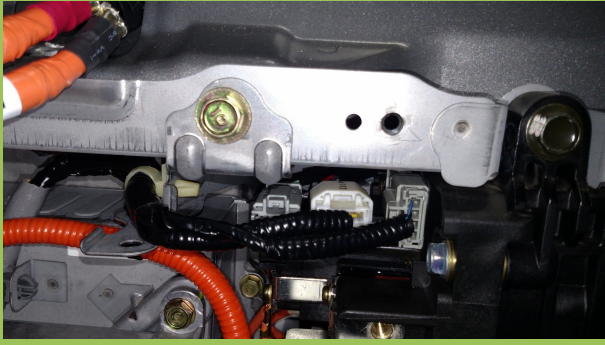



Video demonstration is available at our website: www.BestHybridBatteries.com

These instructions are provided only as a guide and it is your responsibility to use the proper techniques and safety measures. Best Hybrid Batteries assumes no responsibility for any damage to person or property from the misuse of our products or from failure to use the proper techniques and safety measures. Do not attempt this work if you are not qualified and competent. Use these instructions at your own risk.

Steps	Tool	Description	Photo
	You will need the following tools:	10mm 12mm T30 Torx Bit Needle Nose Pliers Fabric pin puller	
Step 1	10mm	Start by disconnecting the negative (black) post from the 12V battery under the hood.	

<p>Step 2</p>	<p>10mm</p>	<p>Between the back seat bottom and the back seat upper section, remove the single 10mm bolt holding the seat bottom in.</p>	
<p>Step 3</p>	<p>Hands</p>	<p>Grab the front edge of the back seat bottom and pull up to disengage the two clips. Now remove the entire seat bottom from the car.</p>	
<p>Step 4</p>	<p>10mm</p>	<p>Take out the 3 bolts holding in the upper section of the back seat</p>	
<p>Step 5</p>	<p>Hands</p>	<p>Remove the upper section of the back seat by pushing it upward toward the back window to free the 3 clips on the back side. Then remove it from the car.</p>	
<p>Step 6</p>	<p>10 mm</p>	<p>Remove the access door from the hybrid battery compartment</p>	

<p>Step 7</p>	<p>Trim removal tool</p>	<p>Pull off the red cover and switch off the main battery disconnect switch. Remove the black trim rivet.</p>	
<p>Step 8</p>	<p>T30</p>	<p>Take off the panel covering the hybrid battery compartment</p>	
<p>Step 9</p>	<p>10mm and needle nose pliers</p>	<p>Make sure the car has been off for at least ten minutes before performing this step.</p> <p>Remove the HV leads and unclip them from the attachment point</p>	
<p>Step 10</p>	<p>Electrical tape</p>	<p>Cover the leads with electrical tape and tuck them out of the way</p>	
<p>Step 11</p>	<p>10mm</p>	<p>Remove the clip at the top edge of the battery tray.</p>	

<p>Step 12</p>	<p>10mm</p>	<p>Remove the grounding wire between the battery and the computer</p>	
<p>Step 13</p>	<p>Hands</p>	<p>Unclip the 3 connectors at the top of the battery and tuck them out of the way.</p>	
<p>Step 14</p>	<p>Hands</p>	<p>Unclip the large orange connector at the bottom of the battery by first pushing the release button on the top side to pull it free from the battery.</p>	
<p>Step 15</p>	<p>Hands</p>	<p>Then push the release button on the bottom side and pull apart the two halves of the connector</p>	
<p>Step 16</p>	<p>Hands</p>	<p>Unclip the orange connector from the top of the computer</p>	

Step 17

Pliers

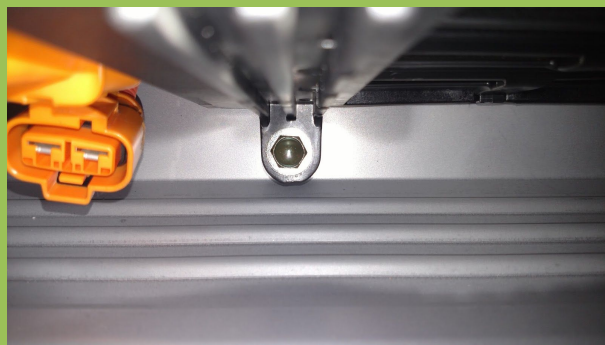
Release the black connectors that secure the orange cable, then tuck the orange cable out of the way.



Step 18

12 mm

Finally, remove the 4 x 12 mm bolts at the top and bottom of the hybrid battery and use the straps to pull the battery out of the compartment.



Step 19

Tip

Keep all the removed parts in the tray behind the seat for easy access during re-installation.



Step 20

Tip

Installation of the replacement battery follows the same exact steps shown above in the reverse order.

