



Aria
Child^{INC.}

6V Audi R8 Spyder (W458AC)

Customer Service Guide



For internal reference only

Customer Service Guide



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CAUTION :

Disconnect the battery before proceed
the checking and/or replacing steps

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I) Check Battery

Operation: Use a Flat head screwdriver, unlock and remove the seat. Locate the battery harness, unplug the connector then use a volt-meter to check battery condition at battery side.

Step (1)



Step (2)

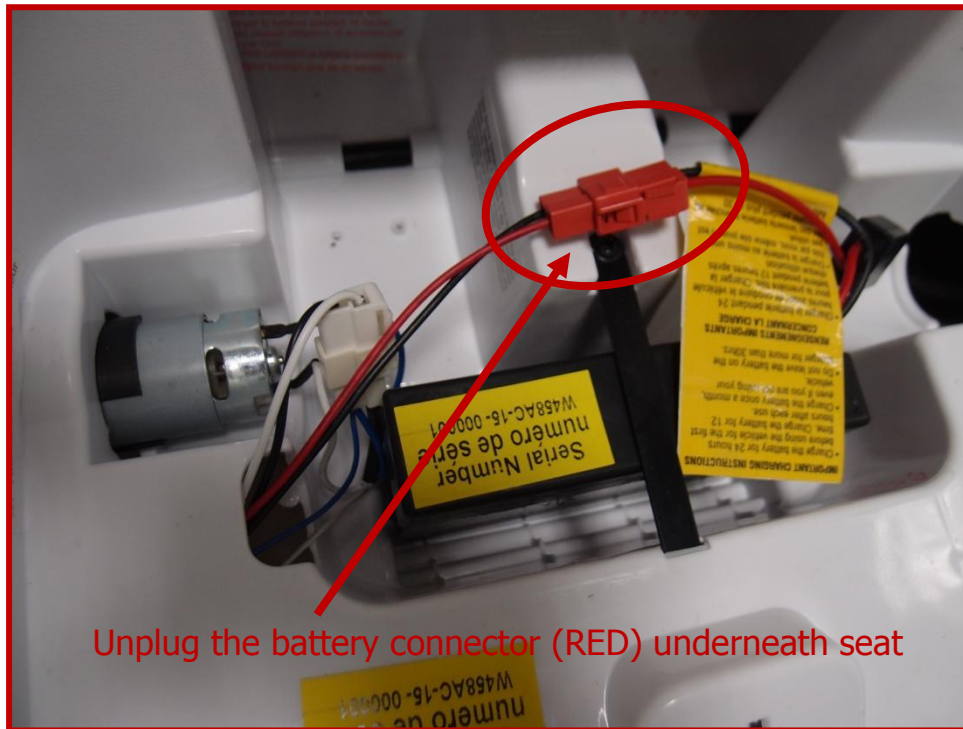


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I) Check Battery

Step (3)



Unplug the battery connector (RED) underneath seat

Step (4)



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I) Check Battery

Step
(5)



Reading Judgment: 6.0 V ~ 6.5 V – Good condition

5.6 V ~ 5.9 V – Proceed to Recharge

5.5 V – Battery to be recharged if after the stipulated recharging time, voltage has not increased, the Battery needs replacement

Below 5.5 V – Battery needs replacement

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II) Check Wiring Connection

Operation: There are totally two positions of connections should be checked.

- A. Motor/Gearbox : Follow above (Point I) to remove the seat, locate the Gearbox harness underneath.



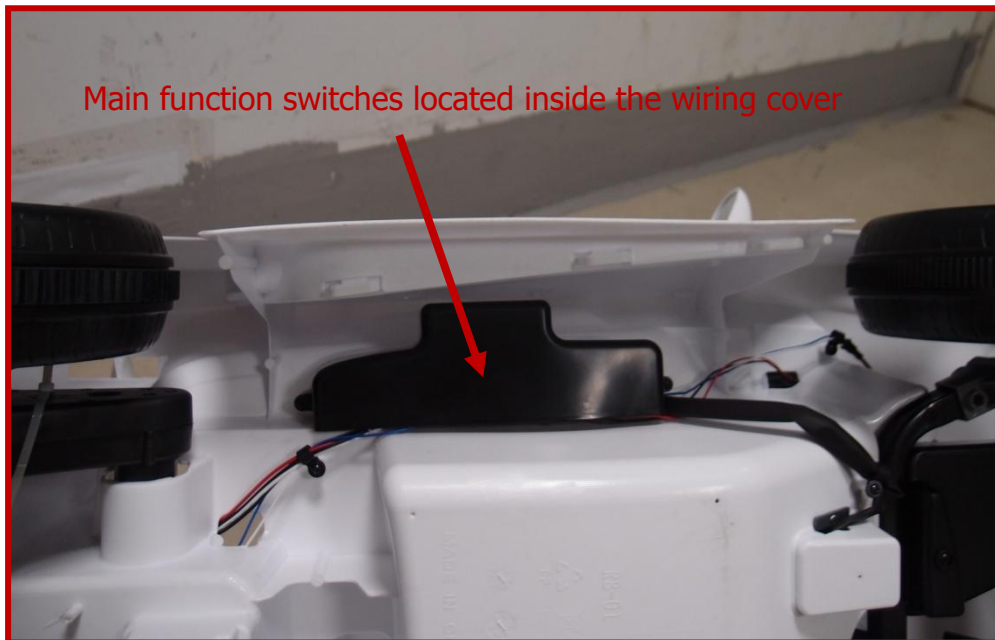
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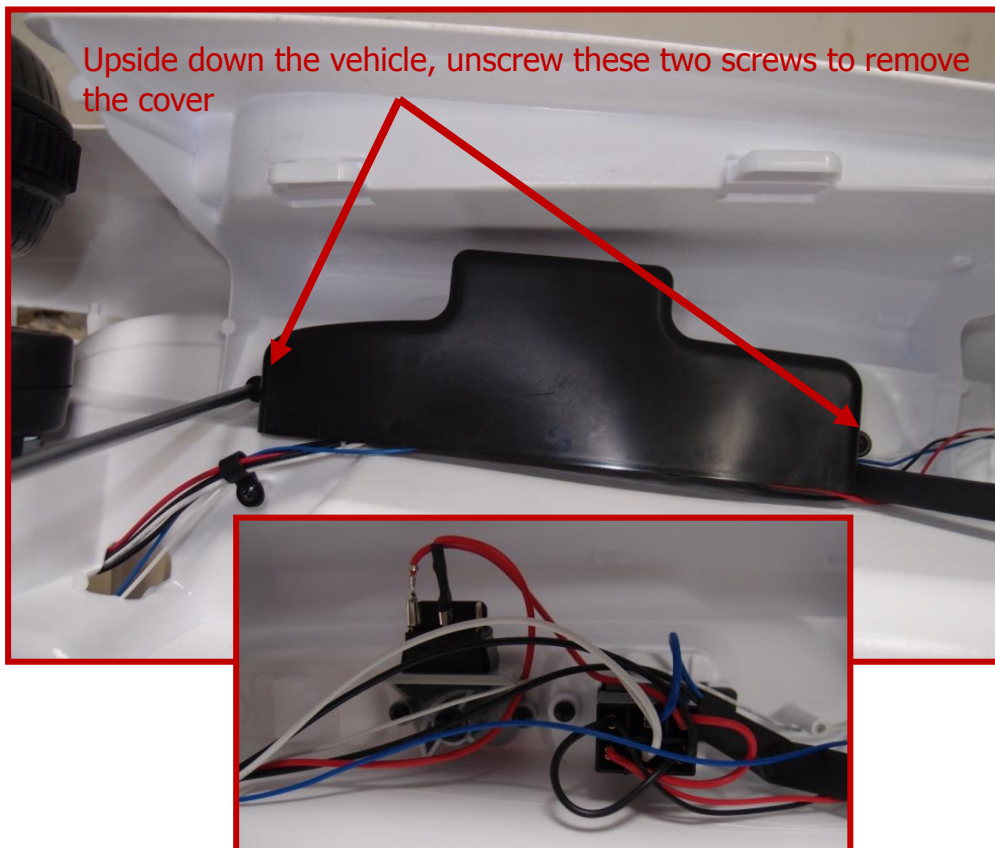
II) Check Wiring Connection

B. Functional Switches : Access all the functional switches per below procedures that located at the bottom side of Shifter.

Step (1)



Step (2)

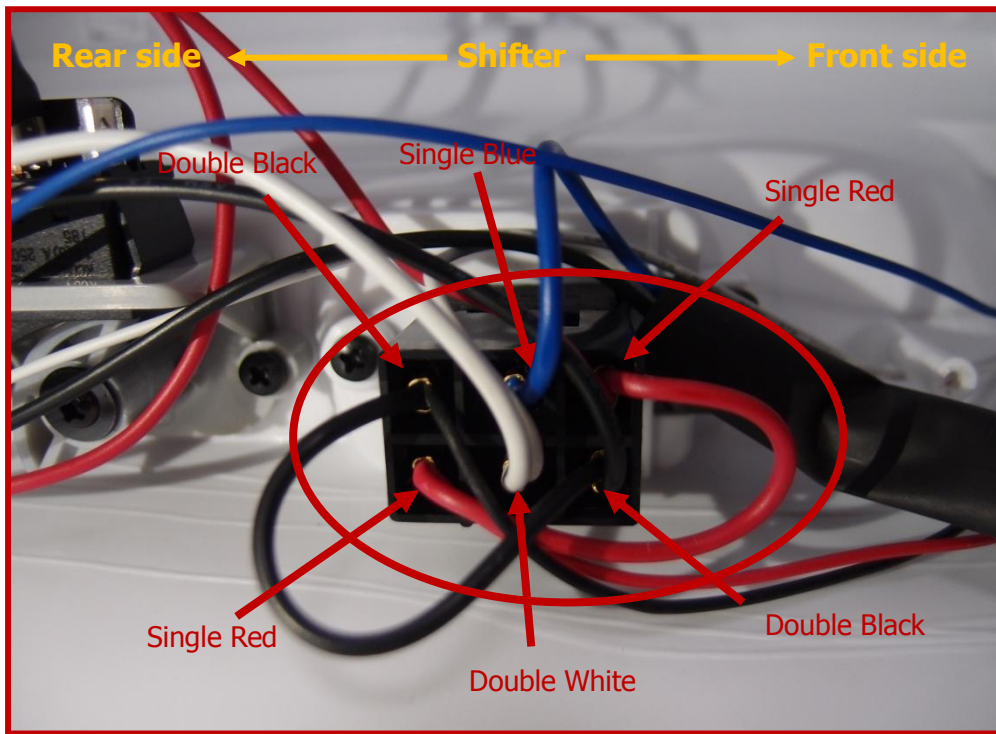


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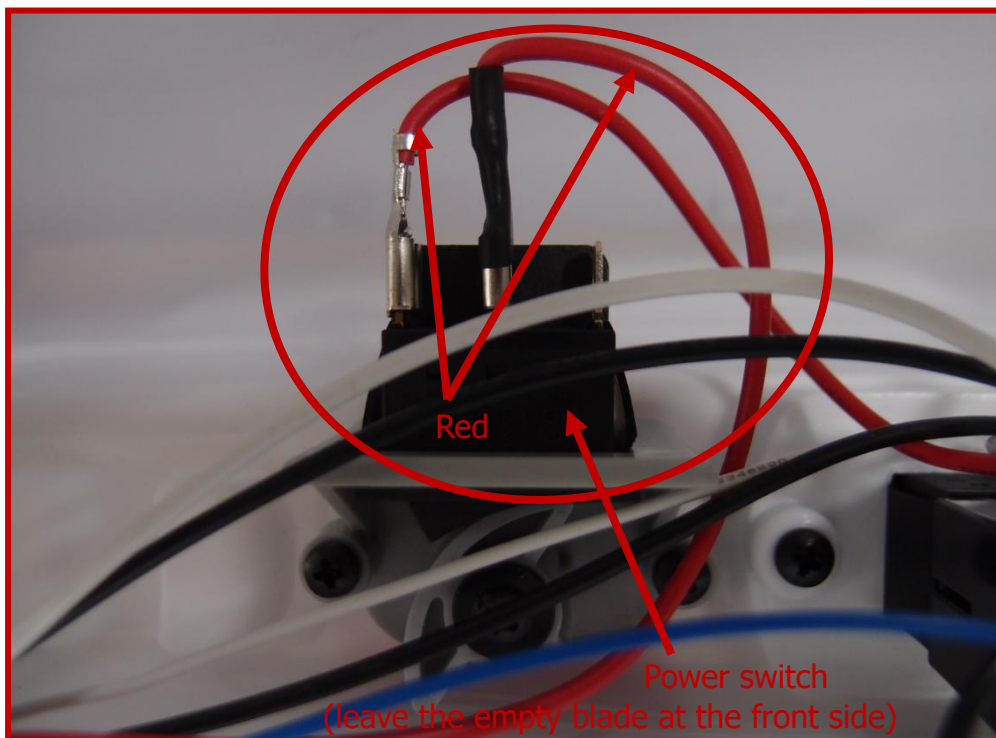


II) Check Wiring Connection

Step (3)



Step (4)



Reverse above procedures to re-assemble back the vehicle

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II) Check Wiring Connection

C. Dashboard : Access the wiring connection under the Dashboard.

Step (1)



Step (2)



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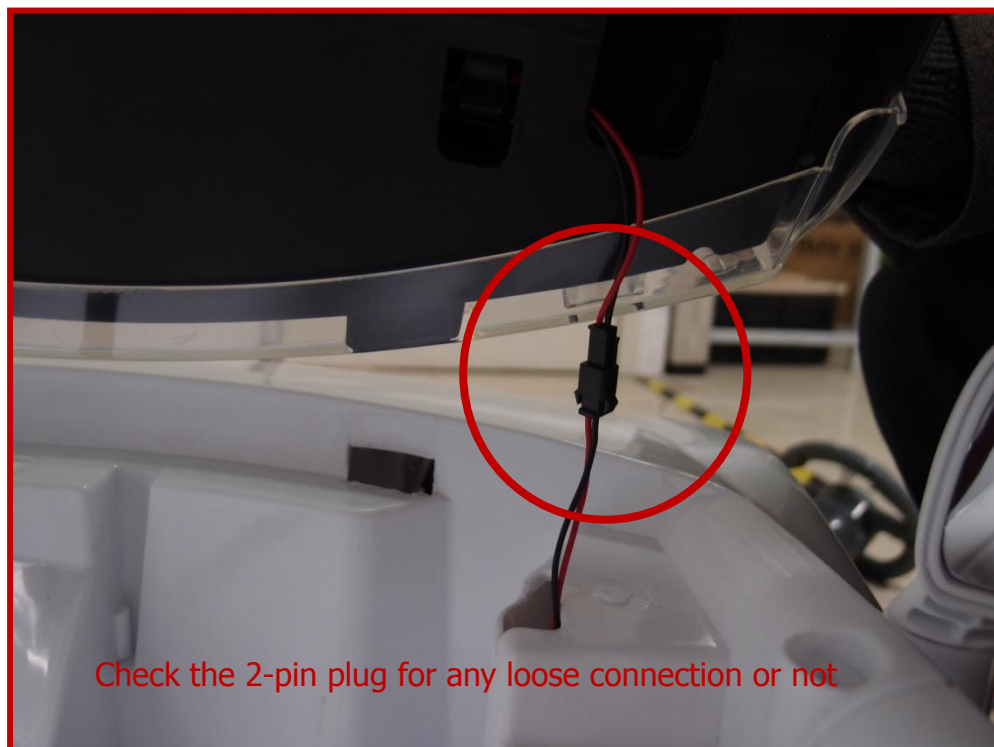


II) Check Wiring Connection

Step (3)



Step (4)



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III) Check Foot Pedal

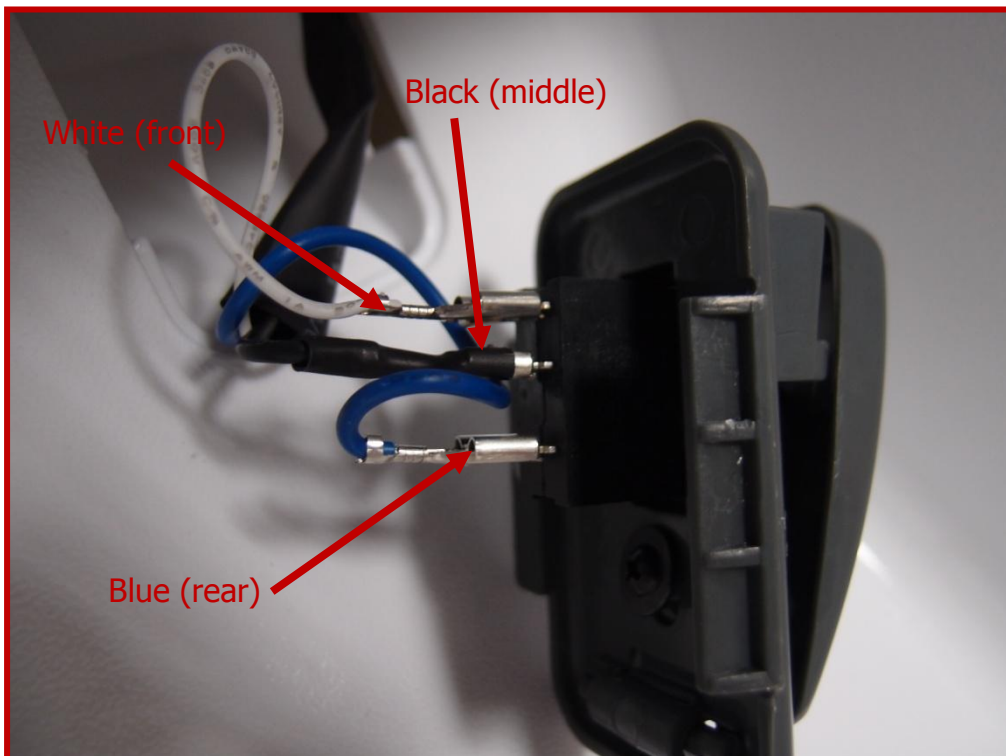
Operation: Follow below procedures to check the Foot Pedal connection.

Step (1)



Upside down the vehicle and pull out the Foot Pedal cover by screwdriver from right side

Step (2)

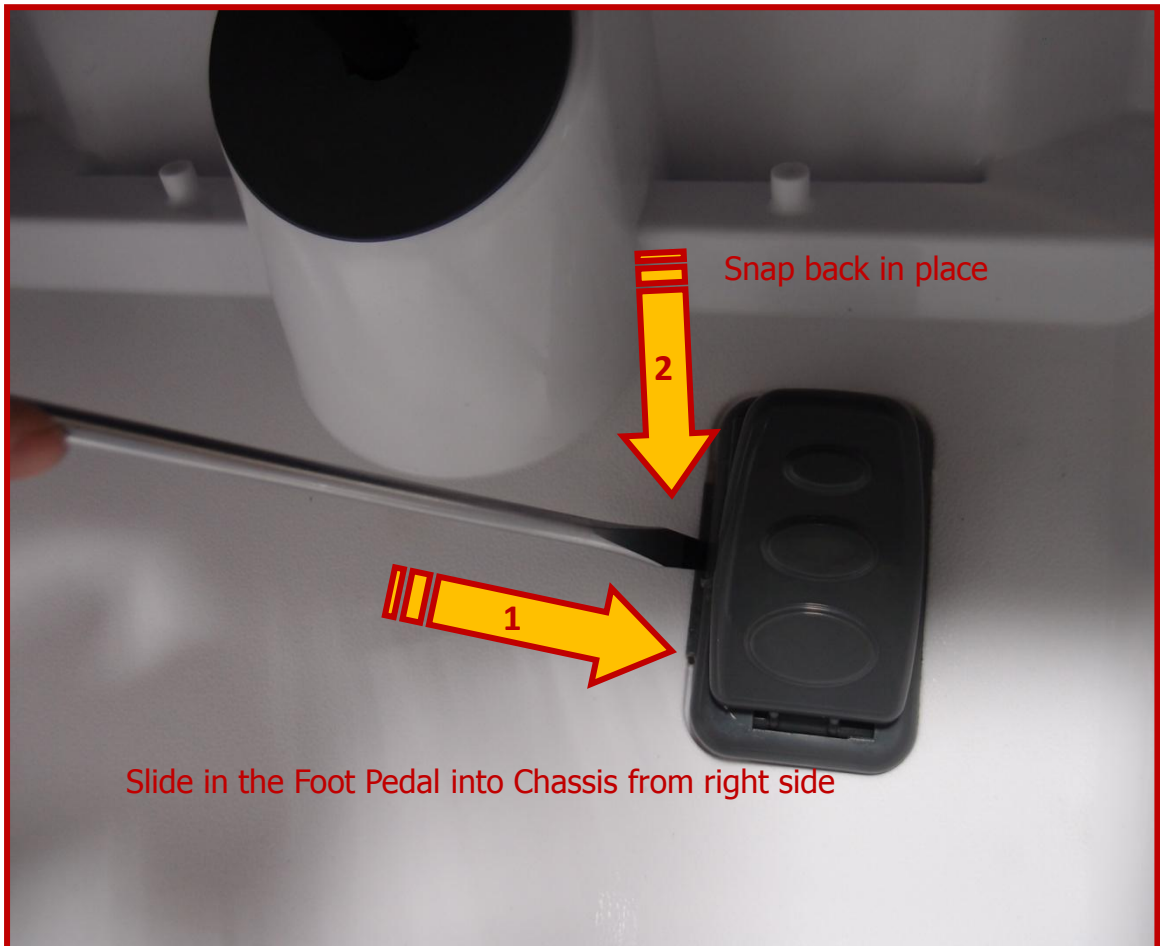


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III) Check Foot Pedal

Step
(3)



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IV) Gearbox Replacement

Operation: Follow below steps to disassemble and replace the gearbox completely.

Step (1)



Step (2)



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IV) Gearbox Replacement

Step (3)



Use the same screwdriver to remove the snap-pin from axle as showed

Step (4)



Slide the rim and rear wheel out from axle

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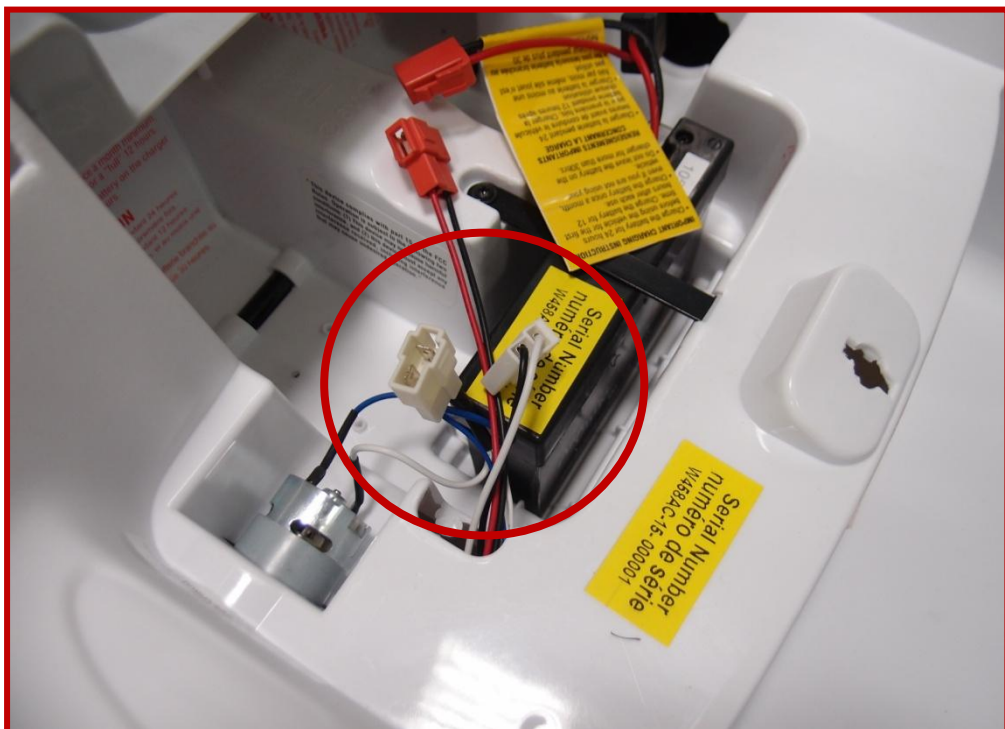
IV) Gearbox Replacement

Follow above (Point IIB) to access the Motor harness (white) underneath the seat, then unplug it before removing the gearbox

Step (5)



Step (6)



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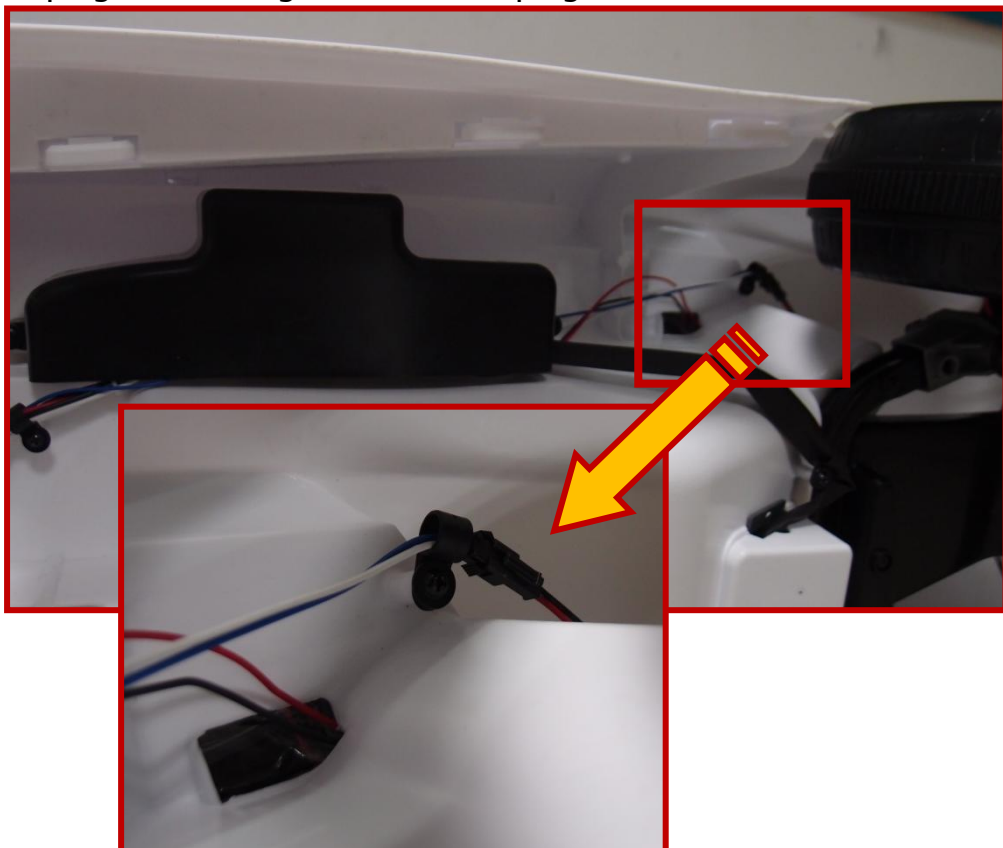
IV) Gearbox Replacement

Step (7)



Unplug the Headlights connector plugs located near the front end

Step (8)

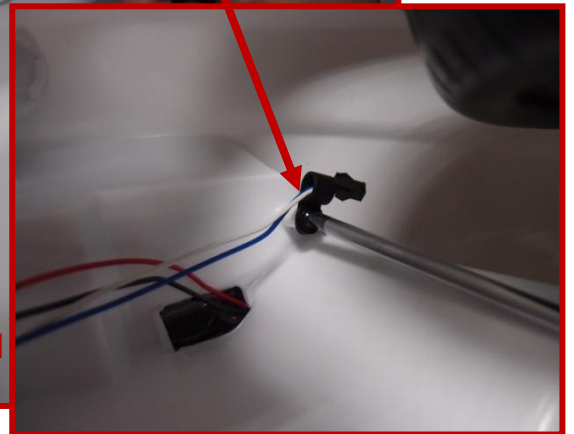
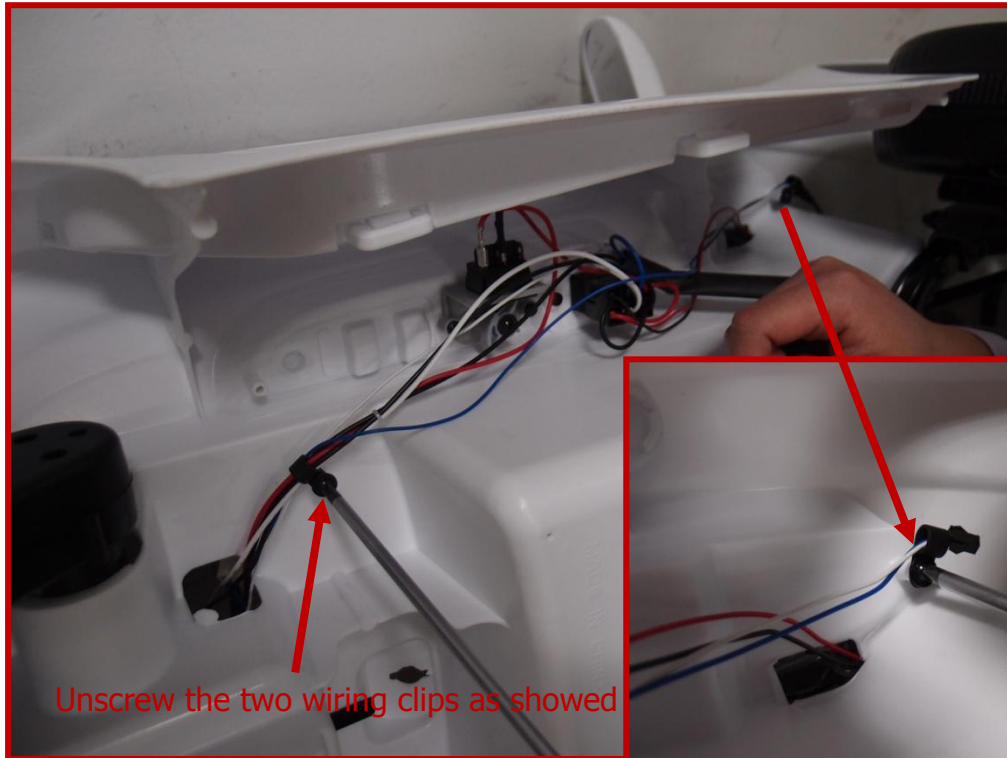


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IV) Gearbox Replacement

Step (9)



Step (10)

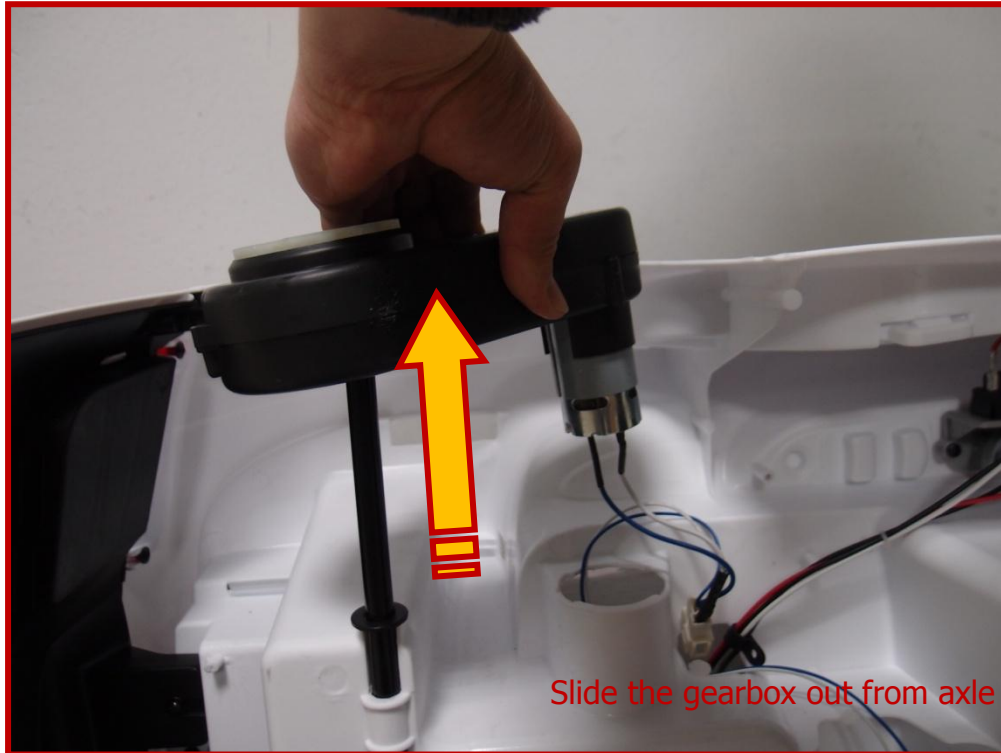


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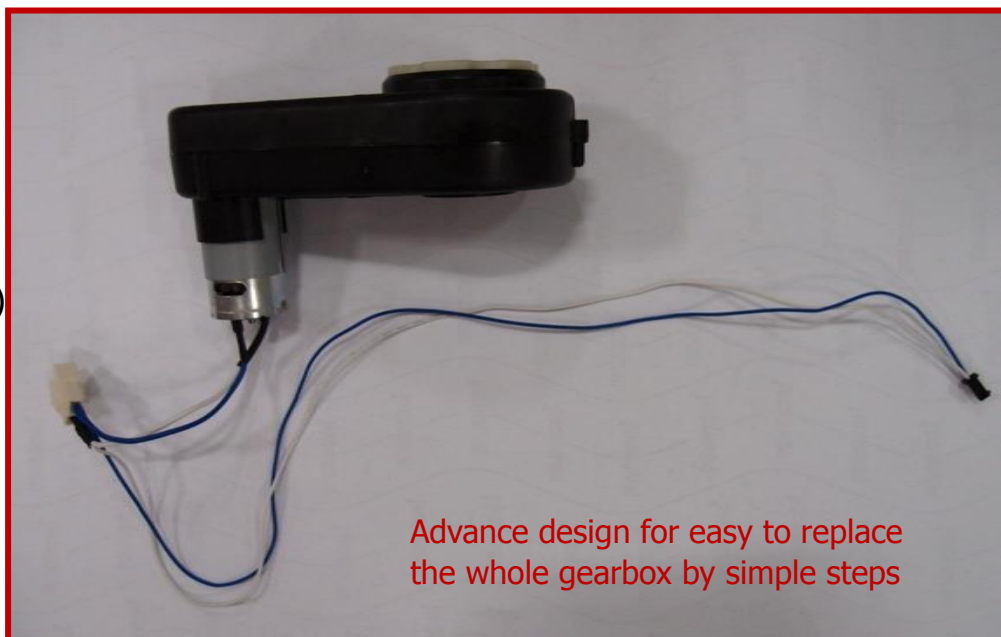


IV) Gearbox Replacement

Step (11)



Step (12)

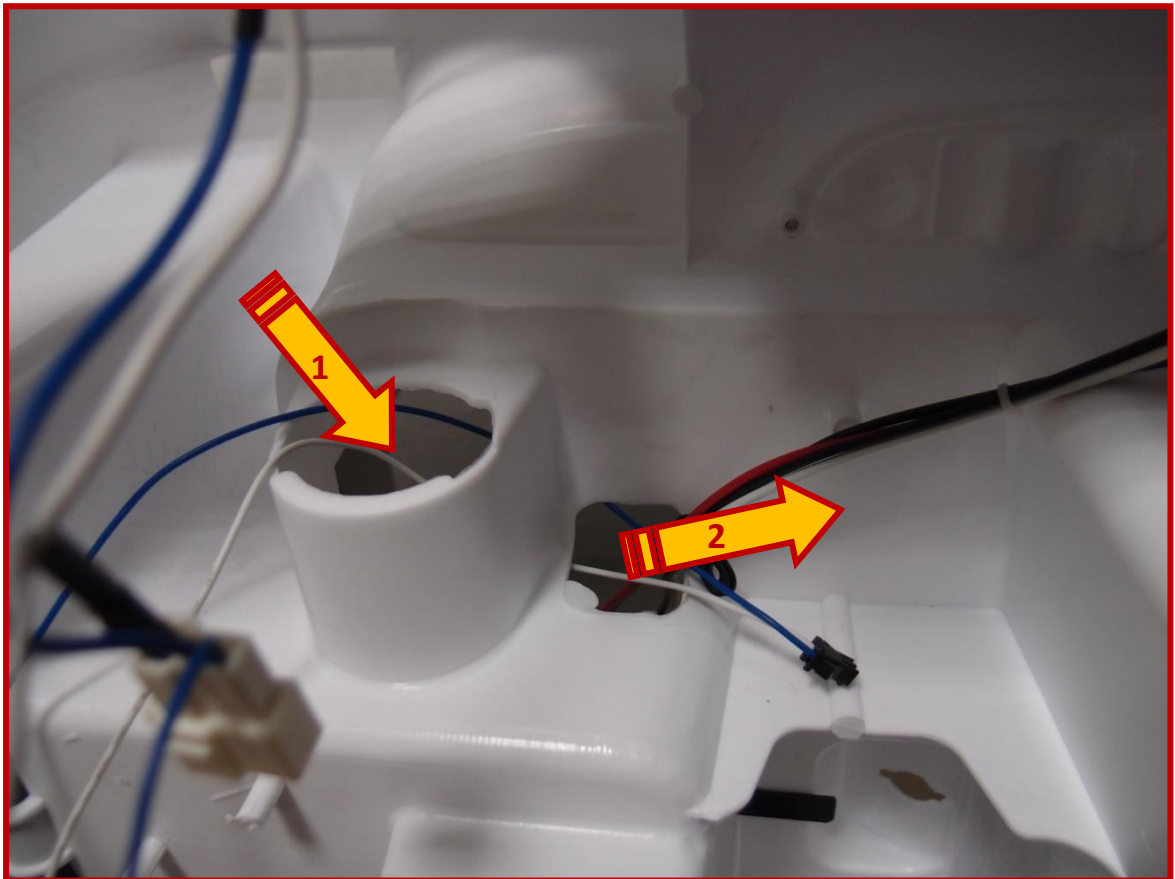


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IV) Gearbox Replacement

Step
(13)

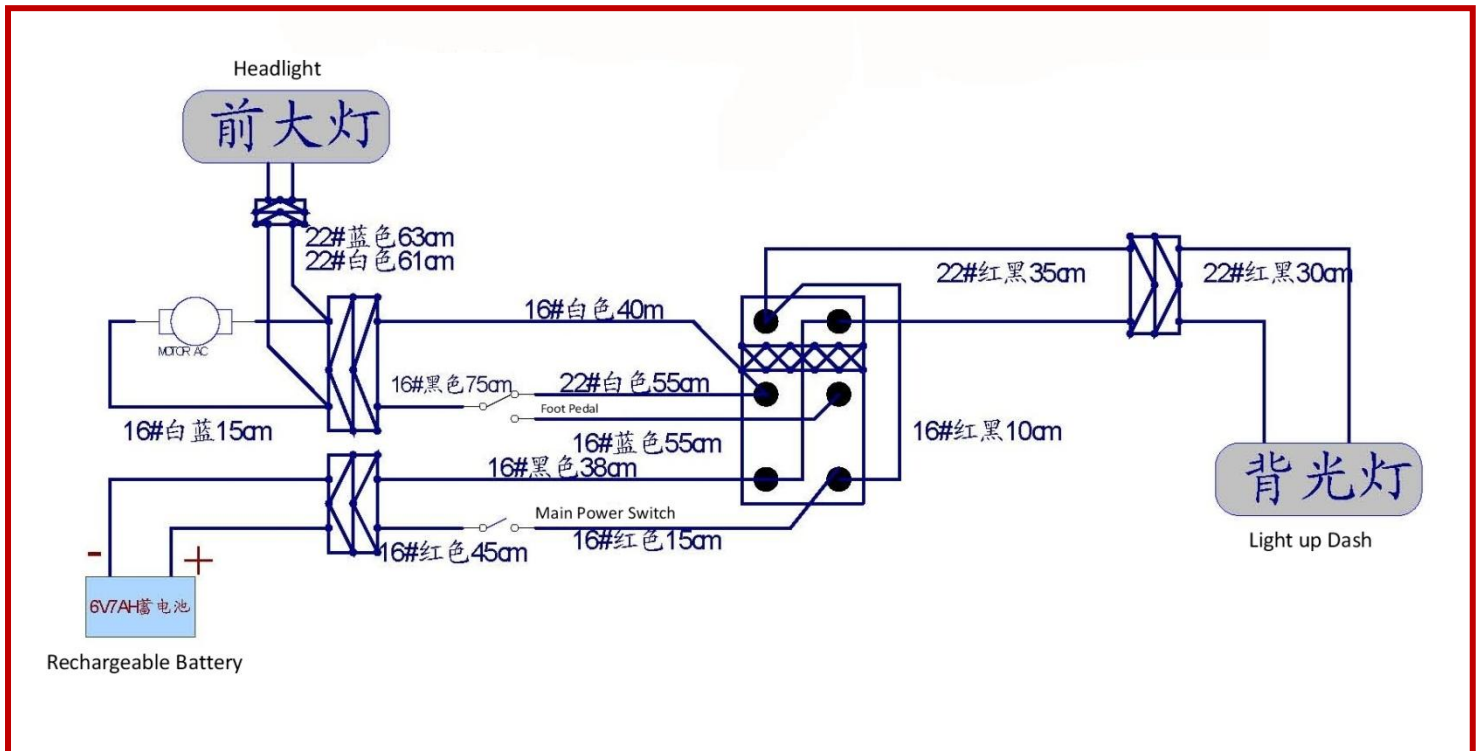


Reverse above procedures to re-assemble back the vehicle

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VI) Wirings Schematic



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VII) Exploded View

