



ROLLPLAY

6V BMW X5 (W498QG3-L200)

Customer Service Guide



For Internal Reference Only

# Customer Service Guide

## (W498QG3-L200 BMW X5)



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**CAUTION :**

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

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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)



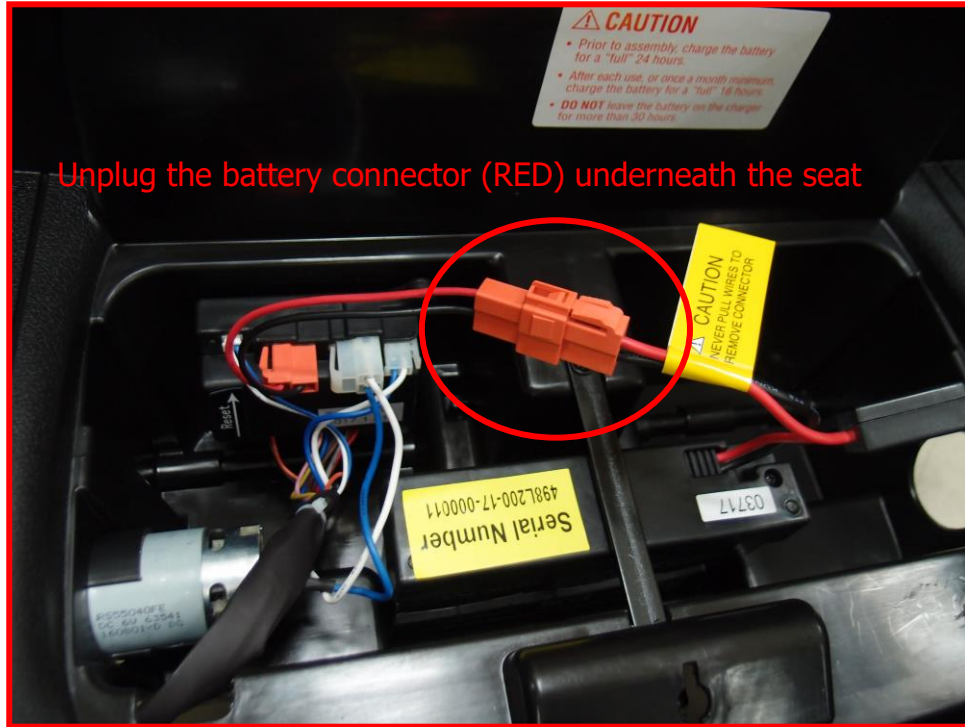
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### I) Check Battery

Step (3)



Unplug the battery connector (RED) underneath the seat

Step (4)





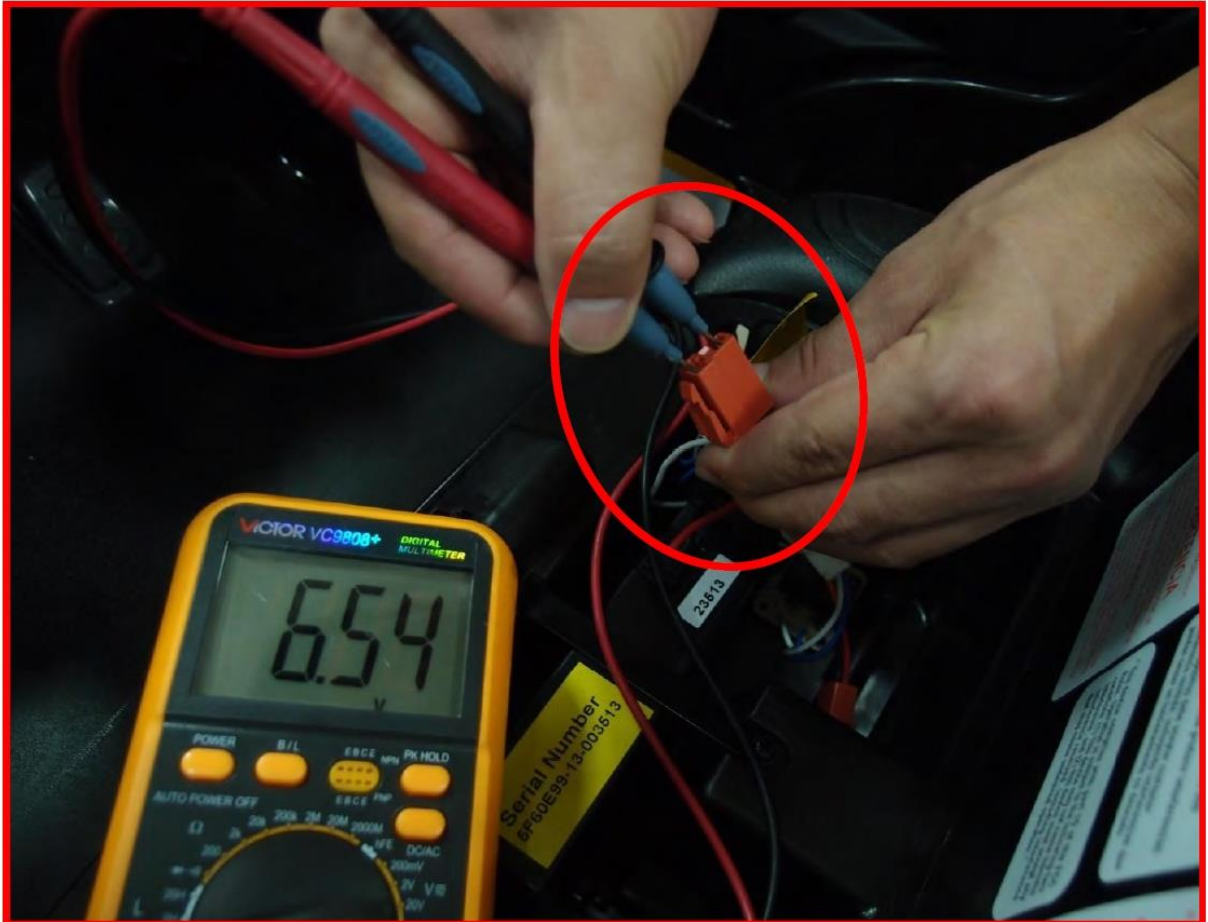
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### I) Check Battery

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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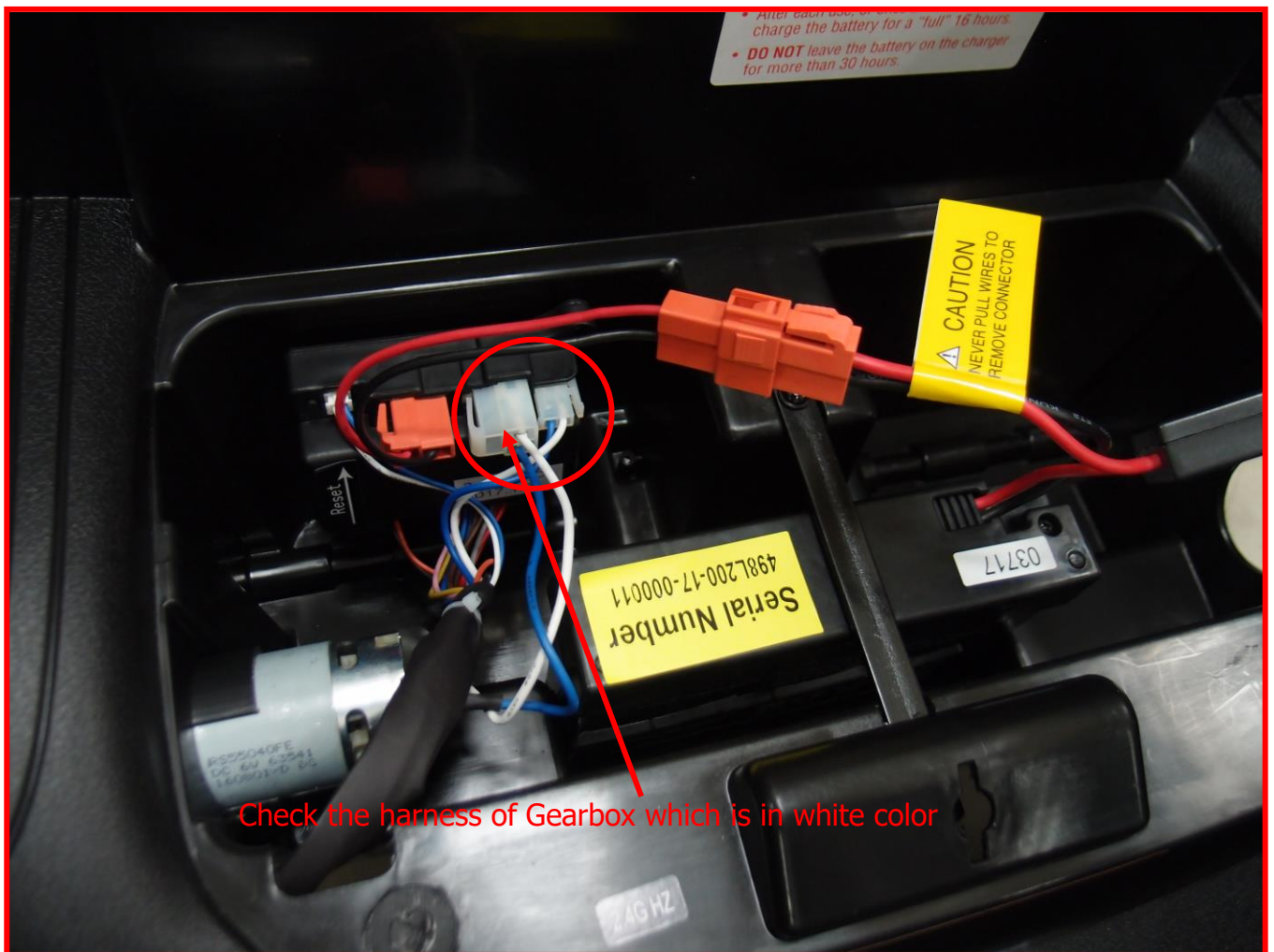
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### II) Check Wiring Connection

Operation: There are totally four positions of connections we should check.

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



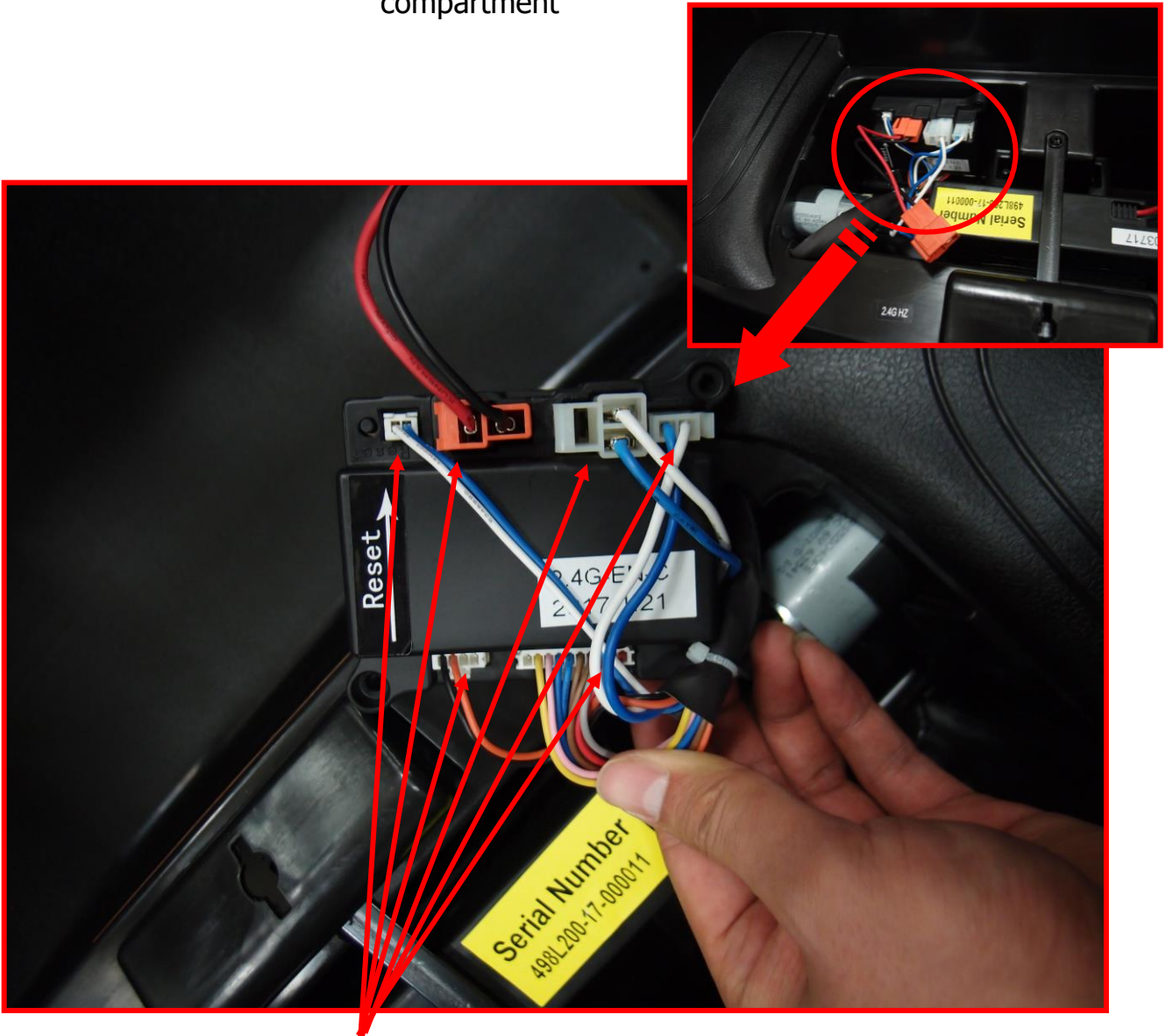
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### II) Check Wiring Connection

B. Motor Control Board : Follow above (Point I) to remove the seat, locate and access the Motor Control Board at the back wall of battery compartment



There are totally six plugs all around the motor control board, check and make sure it is connected properly



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### II) Check Wiring Connection

C. Steering Wheel : Unscrew the Steering Wheel and check the connection.

Step (1)



Step (2)





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### II) Check Wiring Connection

Step  
(3)



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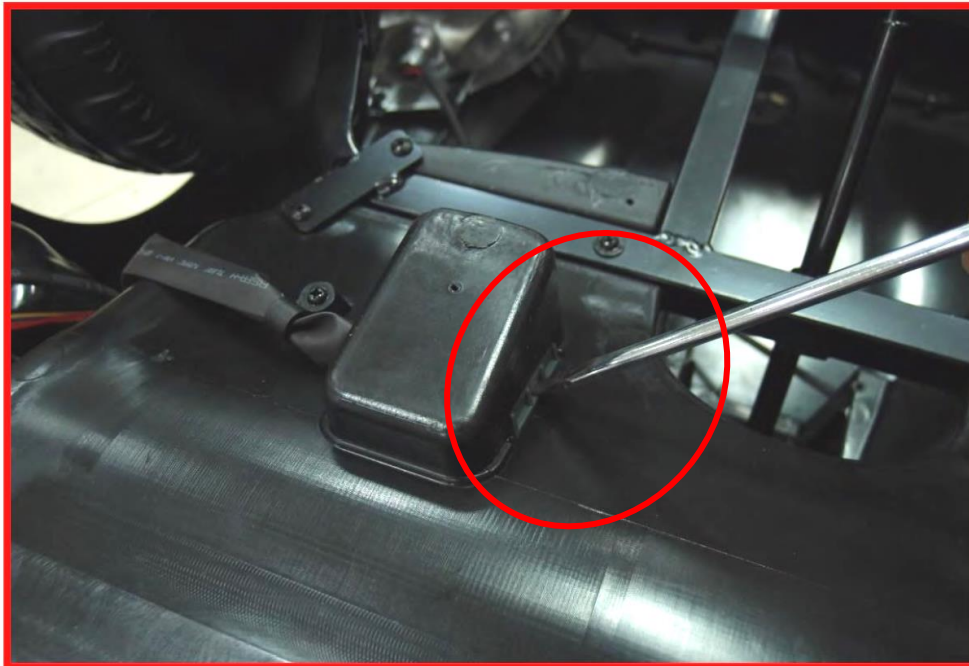
## (W498QG3-L200 BMW X5)



### III) Check Foot Pedal

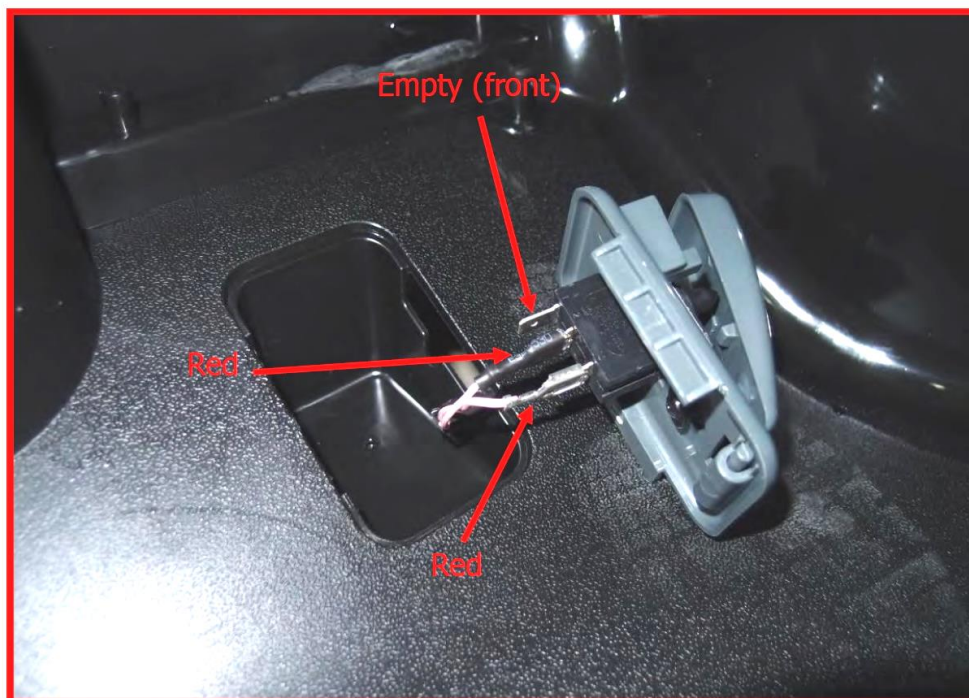
Operation: Follow below procedures to check the Foot Pedal connection.

Step (1)



Tip over the vehicle and disassembly the foot pedal with a screwdriver at 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 take apart the gearbox completely for replacing.

Step (1)



Step (2)





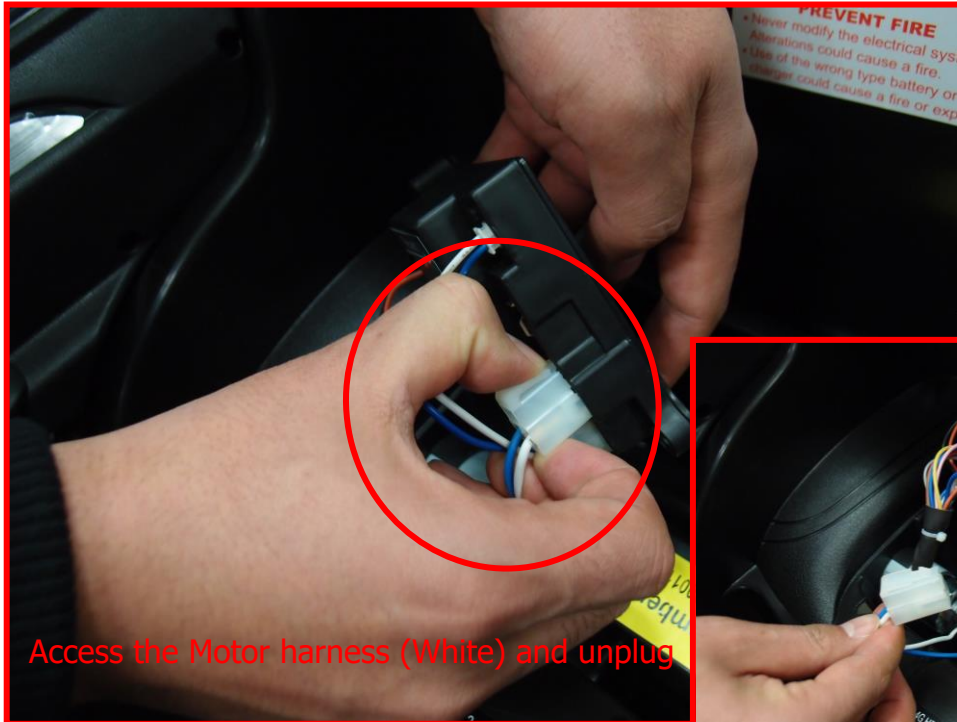
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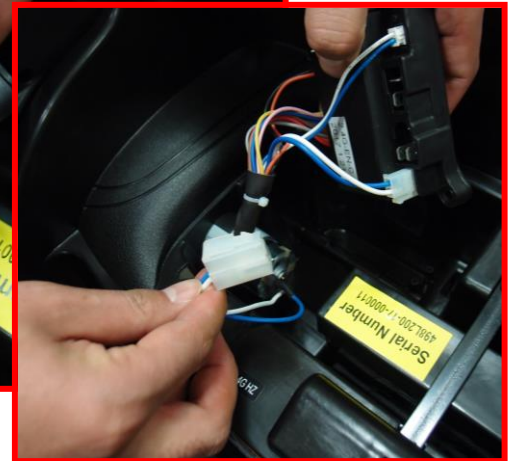


### IV) Gearbox Replacement

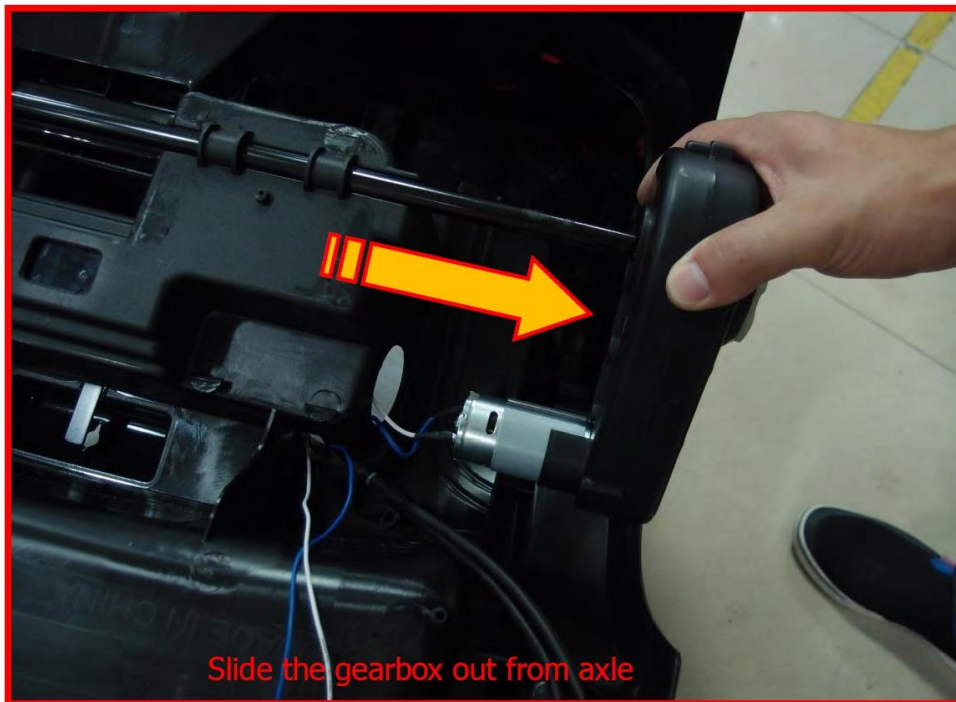
Step (3)



Access the Motor harness (White) and unplug



Step (4)



Slide the gearbox out from axle

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### IV) Gearbox Replacement

Step  
(5)



Advance design for easy to replace the whole gearbox by simple steps

Reverse above procedures to re-assemble back the vehicle

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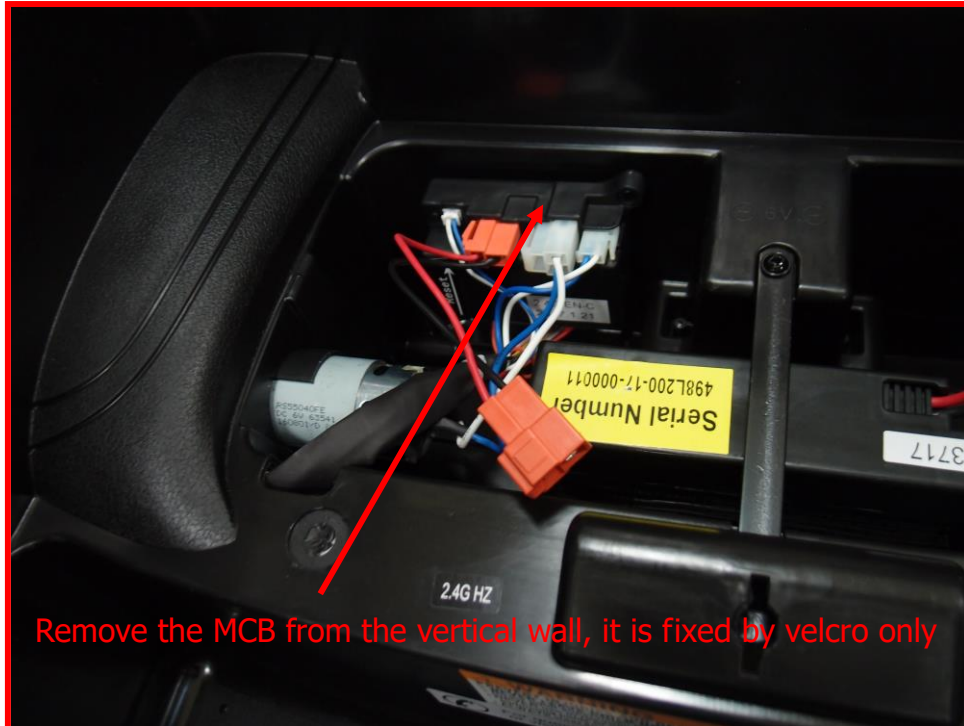
## (W498QG3-L200 BMW X5)



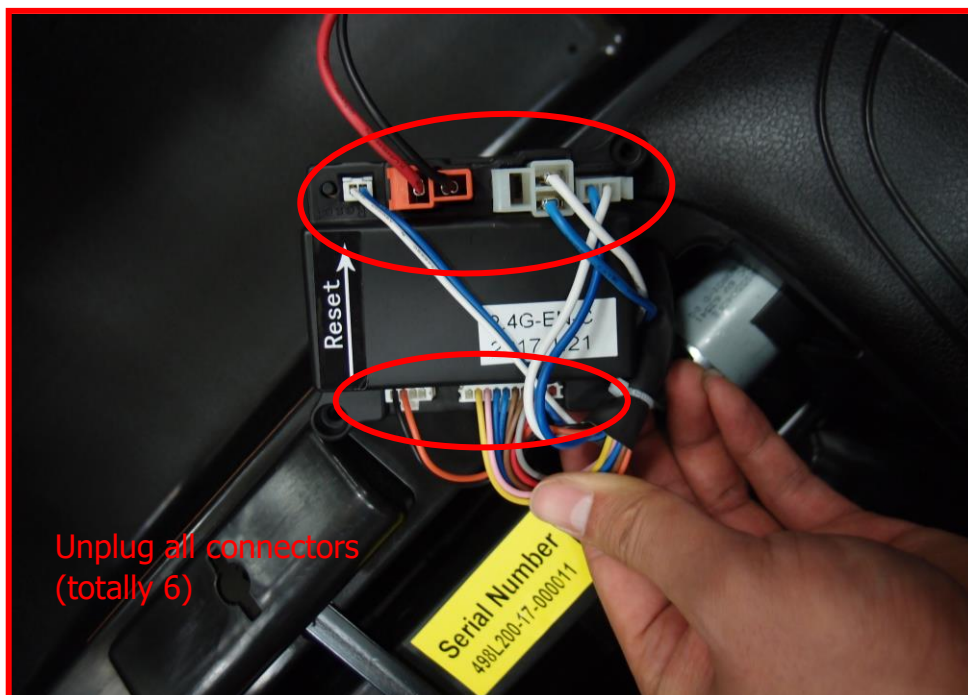
### V) Motor Control Board Replacement

Operation: Follow above (Point I) to remove the seat first and replace the Motor Control Board (MCB) by below steps.

Step (1)



Step (2)



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### V) Motor Control Board Replacement

Step  
(3)



Easy to replace the whole MCB by simple steps

Reverse above procedures to re-assemble back the vehicle

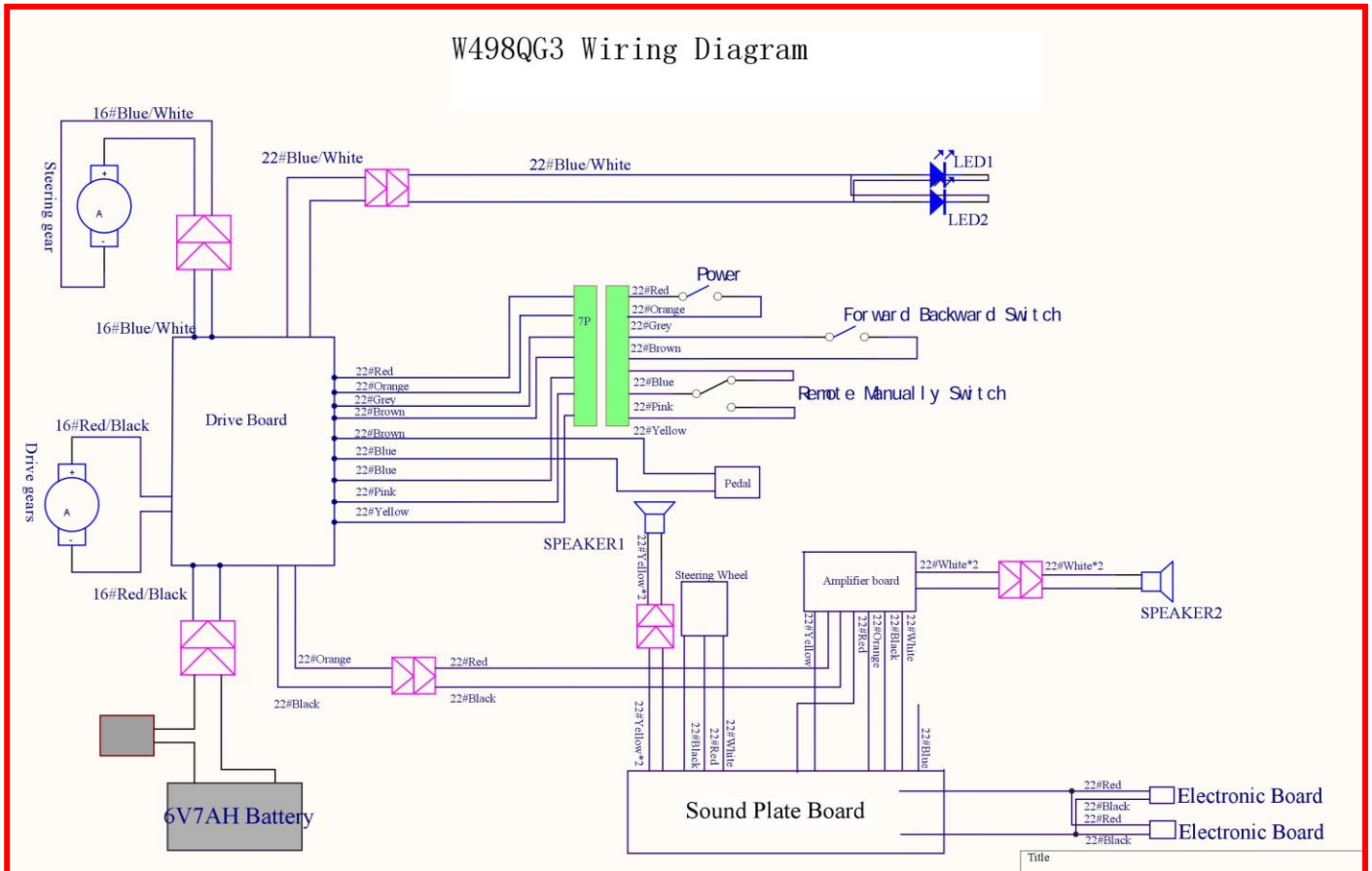


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### VI) Wirings Schematic



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## VII) Exploded View

