



TSB-24-90-22-01

1/10/2024

## Technical Service Campaign

PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE CAMPAIGN ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.

### Service Campaign: Door Control Module Replacement and Door Cladding Harness Rewire

#### YEAR/ MODEL

2023	Faraday Future	FF 91 2.0	Alliance
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MOBILE REPAIR Yes  No

#### SITUATION

DABM (Dual Auxiliary Battery Module – 12V battery system) may drain while parked for extended time resulting in a “no-start” condition.

#### CAUSE

DCM (Door Control Modules) sleep current (ignition-off current draw) is too high.

#### CORRECTION

Replace all four DCM (Door Control Modules) and door harnesses.

#### AFFECTED VEHICLES

7G090AMR6PH000001  
7G090AMR8PH000002  
7G090AMRXP000003  
7G090AMR1PH000004  
7G090AMR3PH000005  
7G090AMR5PH000006  
7G090AMR7PH000007  
7G090FMR6PH000349



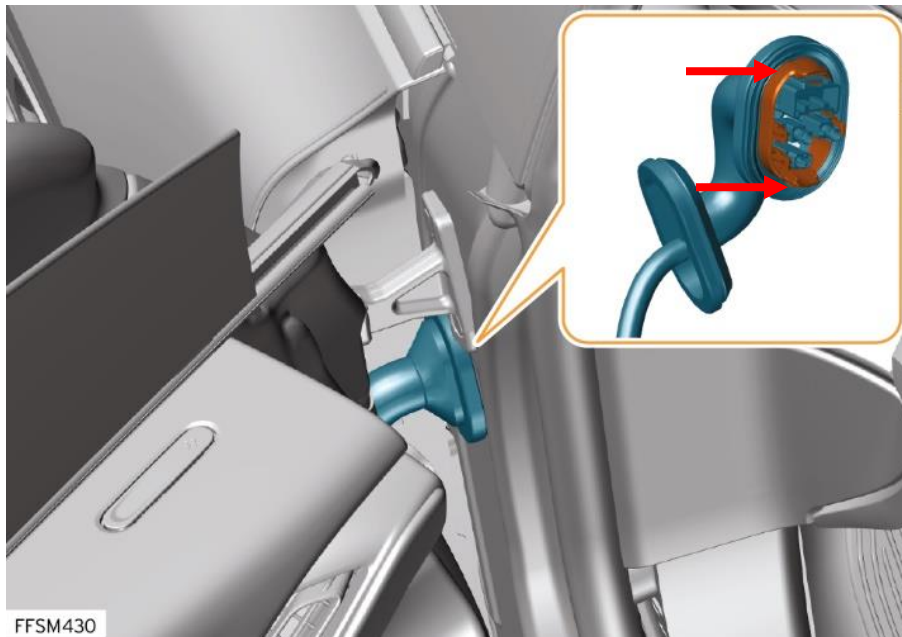
## PROCEDURE

### Removal

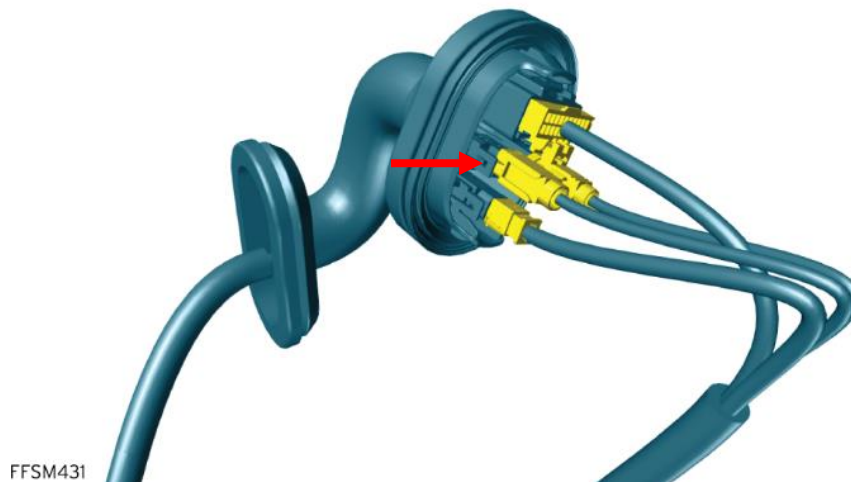
*NOTE: Use of a forked trim removal tool may be needed for this procedure.*

### Removal

1. Open door.
2. Release clips (x2) securing grommet carrier to vehicle.



3. Disconnect harness connectors (x4) Y601\_1, Y601\_2, Y601\_3 and Y601\_4 from door harness.

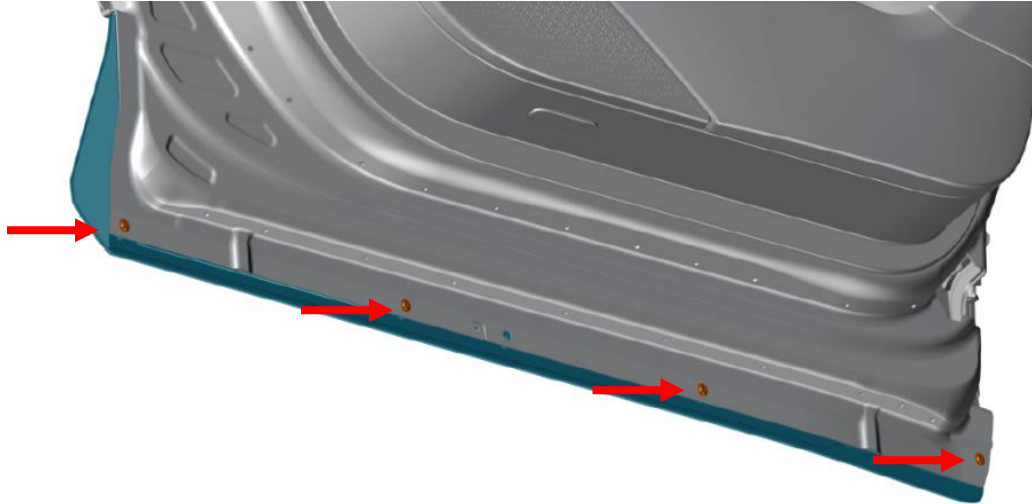




**CAUTION**

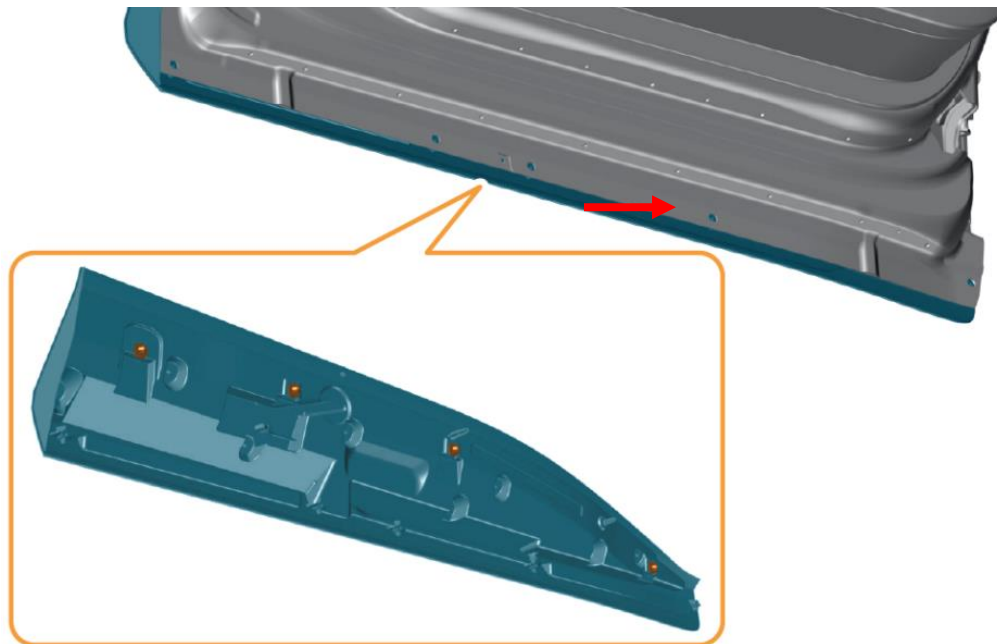
**CAUTION: Place on secure suitable surface to prevent damage.**

4. Remove M5x10 bolts (x5) securing door cladding lamp to door. **Torque 3 Nm.**



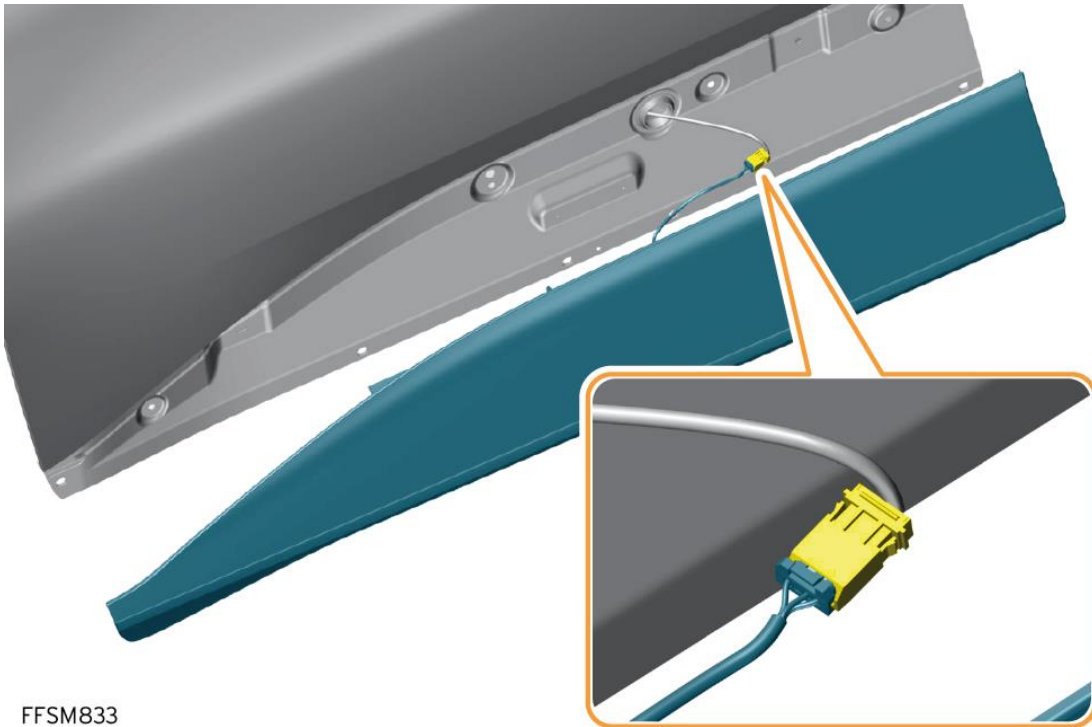
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5. Release clips (x4) securing door cladding lamp to door.



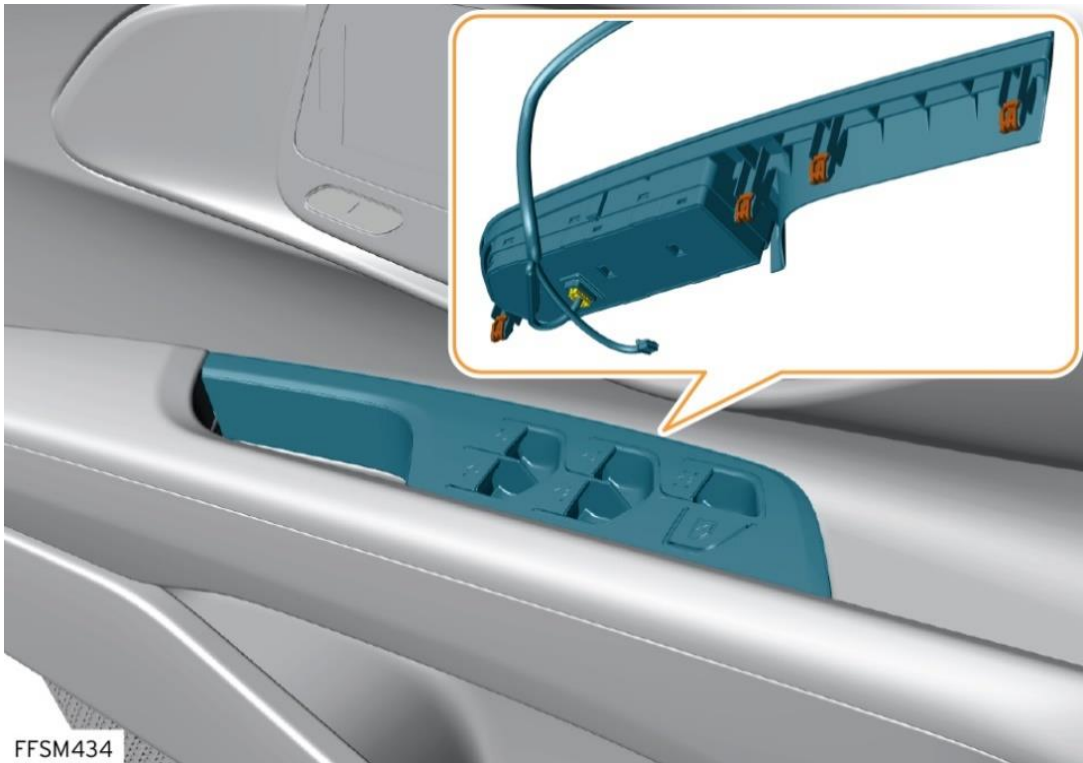
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6. Remove the Cladding Light connector.



FFSM833

7. Remove door cladding lamp and set aside.
8. Release clips (x4) securing switch pack to armrest.

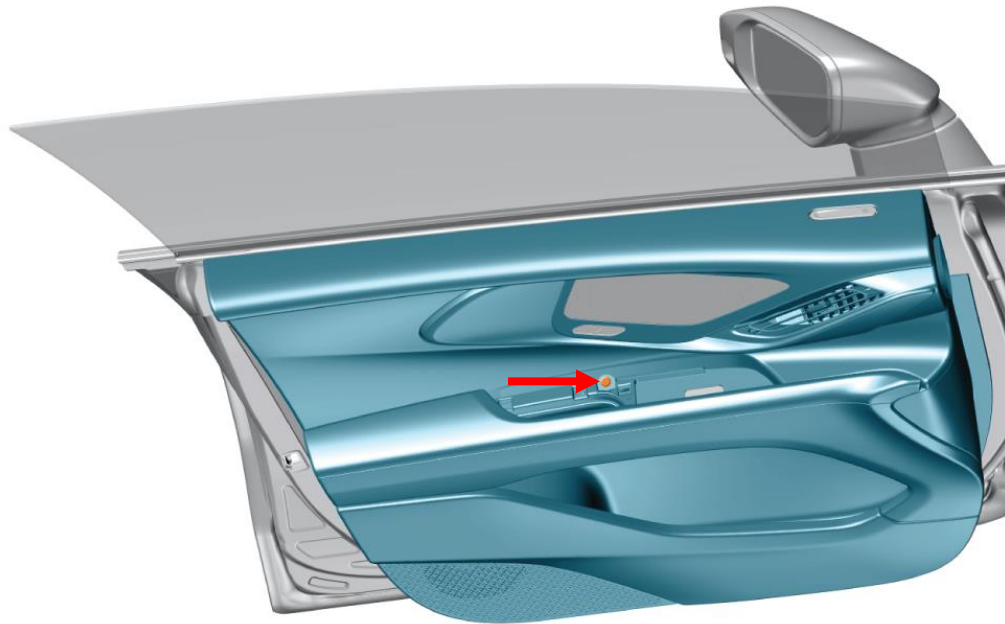


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9. Remove switch pack.
10. Disconnect harness connector D1205\_1 from switch pack.

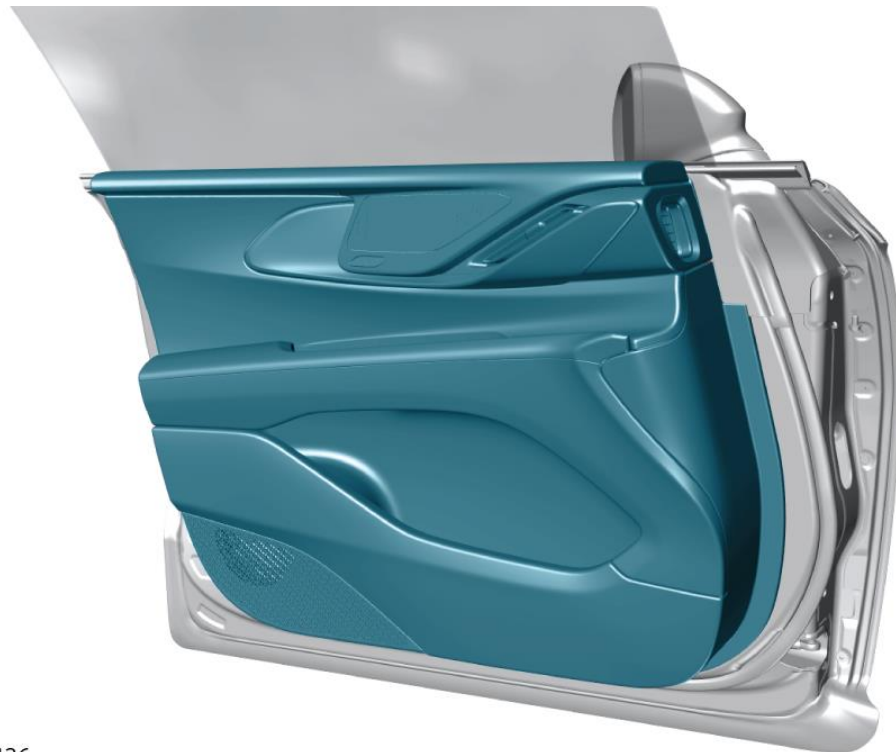


11. Remove M6x16 bolt securing door trim to door. **Torque 1.09 Nm.**



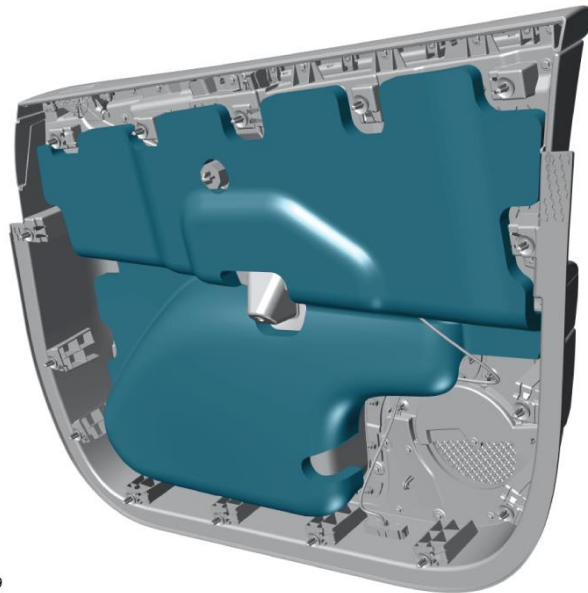
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12. Carefully pull back corners of door trim to release clips (x10) securing door trim to door.



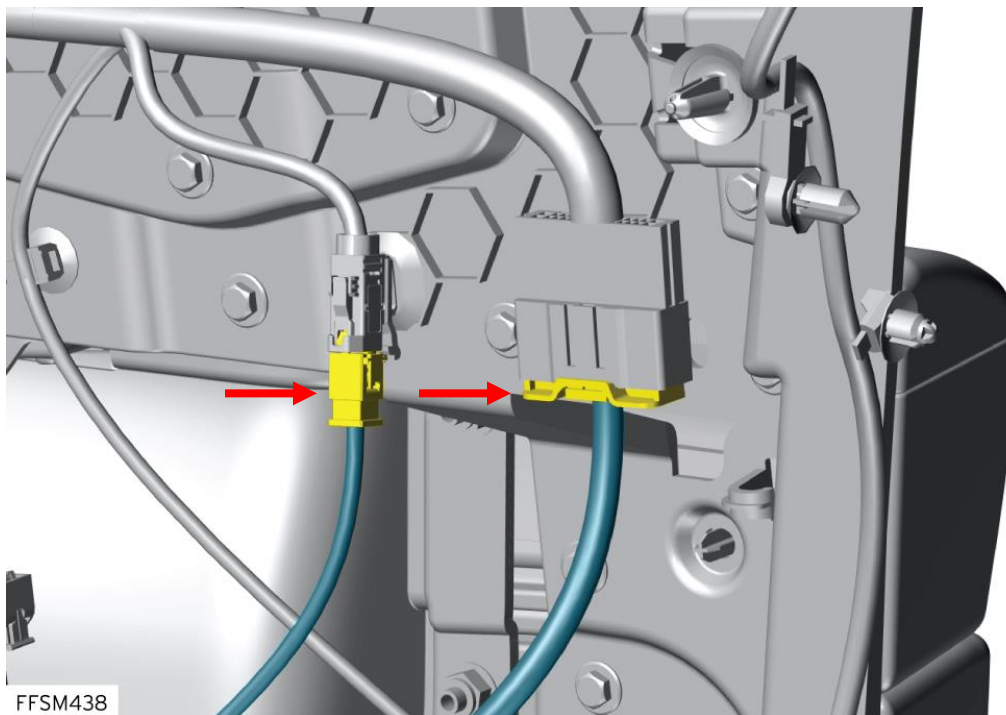
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13. Remove door trim NVH pad.



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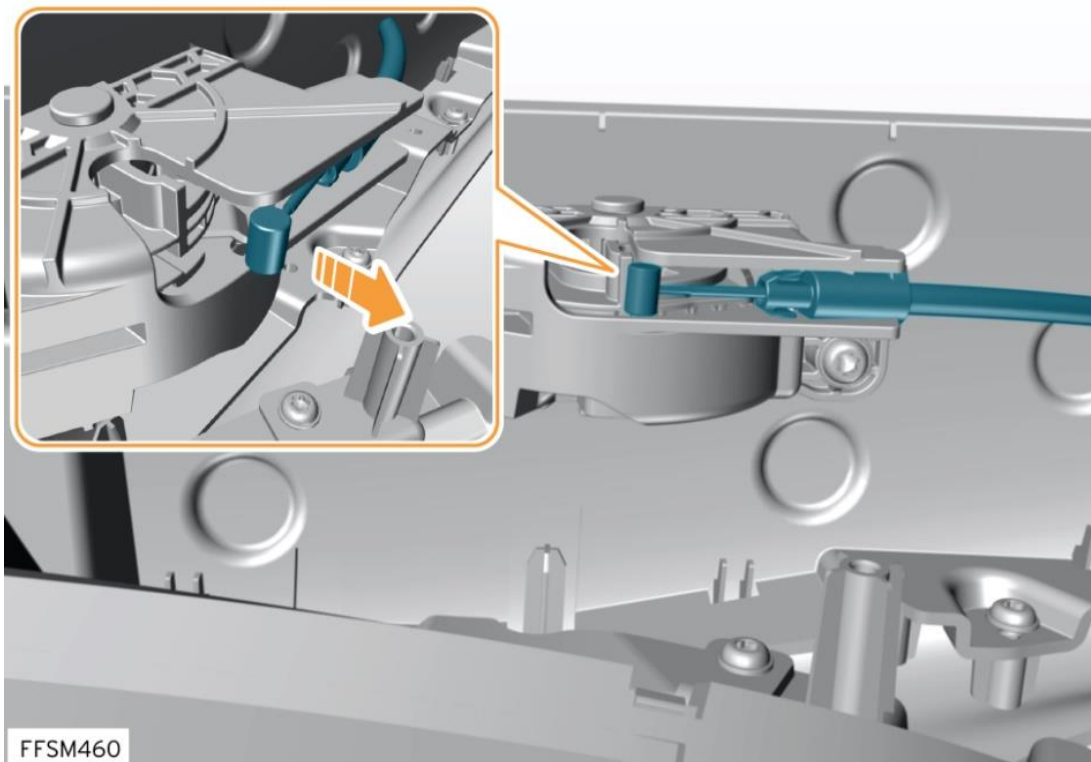
14. Disconnect harness connectors (x2) X603\_1 and X603\_2 from door trim harness.



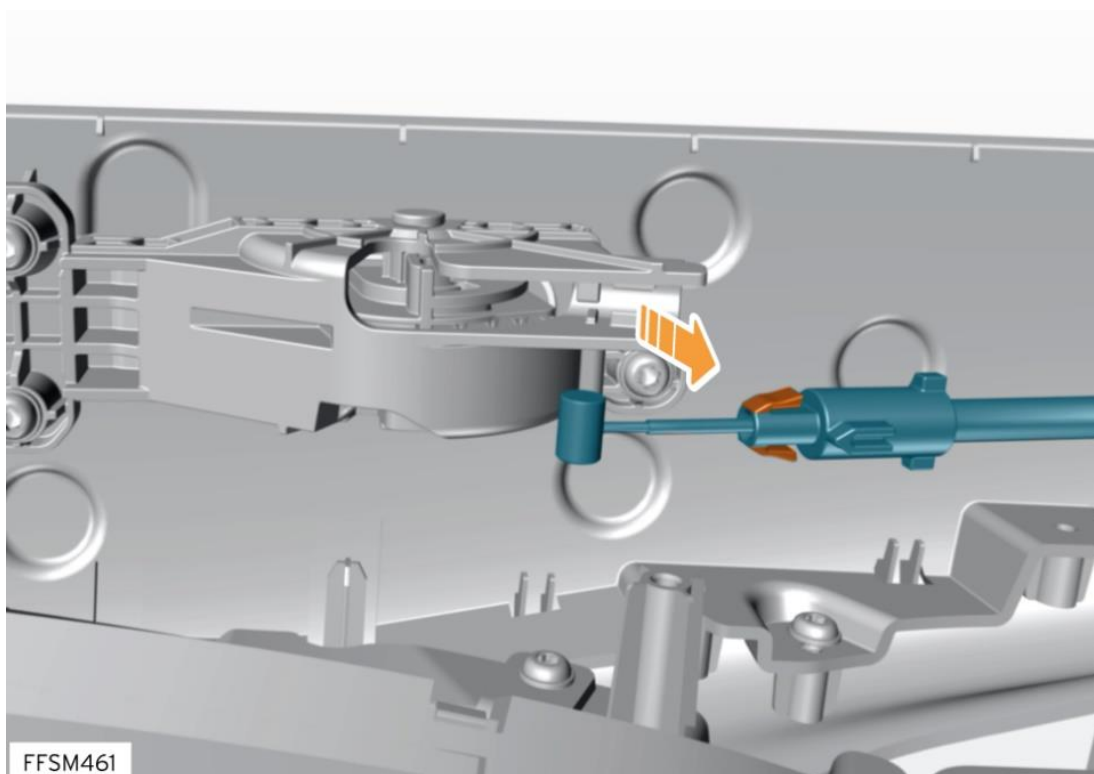
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15. Release door release cable from emergency release handle.



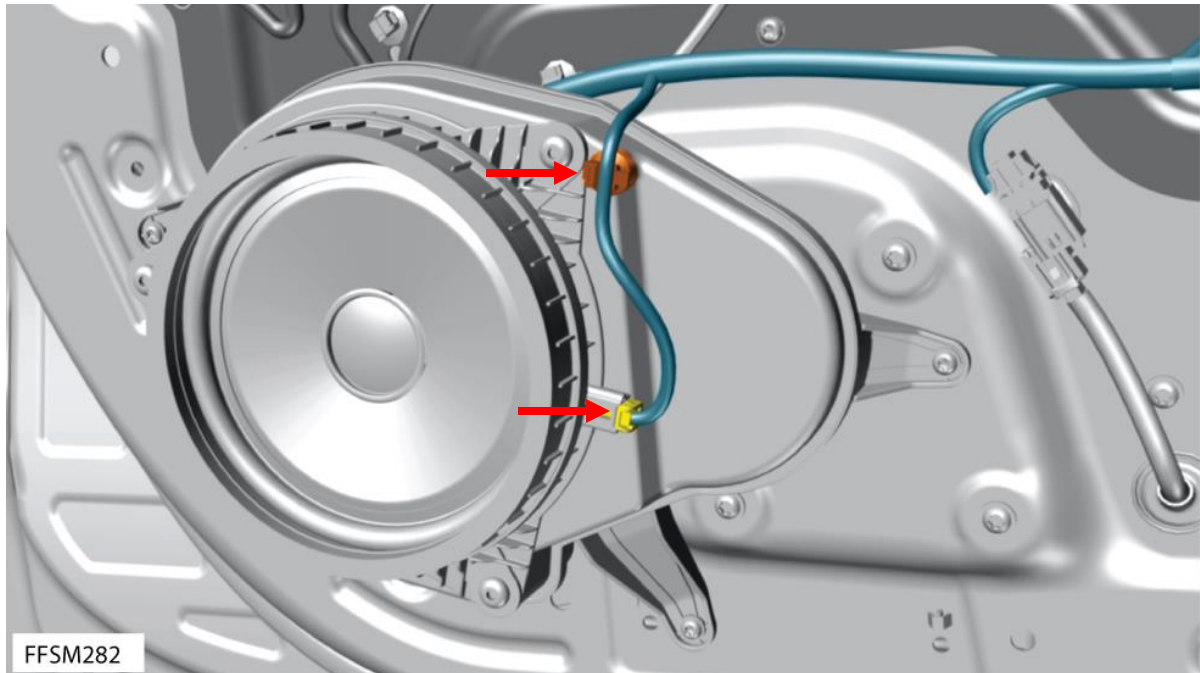
16. Release clip securing door release cable to emergency release handle.



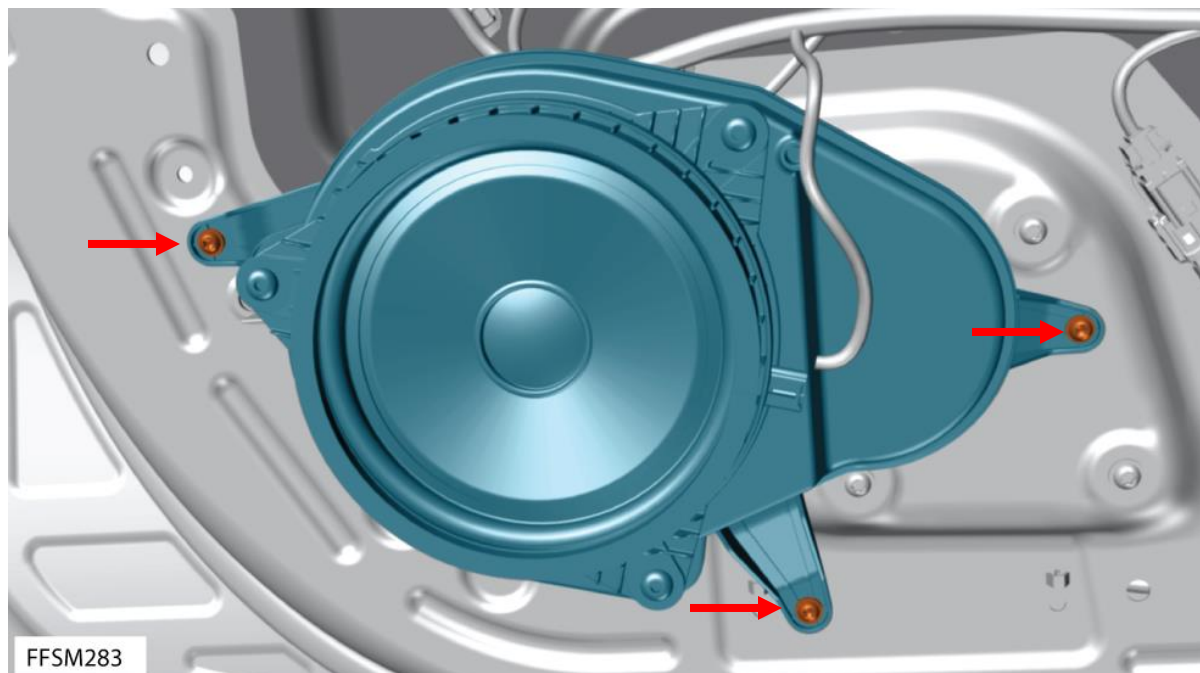
17. Remove front door trim and set aside.



18. Disconnect harness connector D1607\_1 & Release Clip from front door speaker.



19. Remove M6x12 screws (x3) securing front door speaker to door. **Torque 1 Nm.**

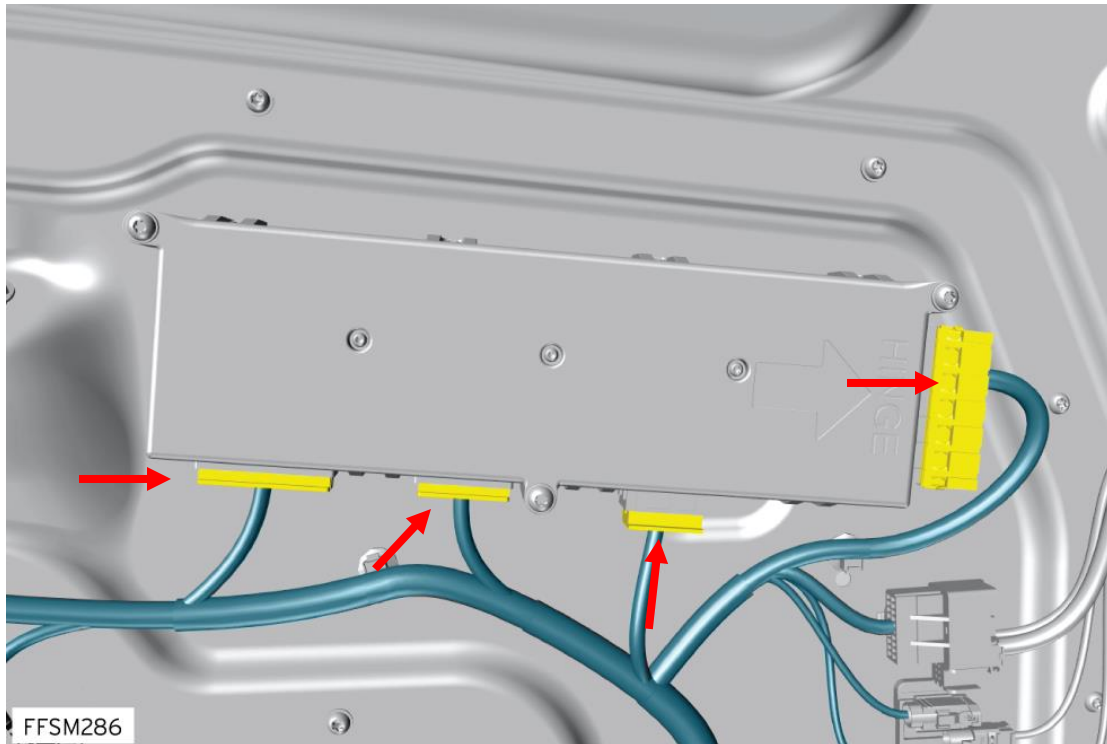


20. Remove front door speaker.

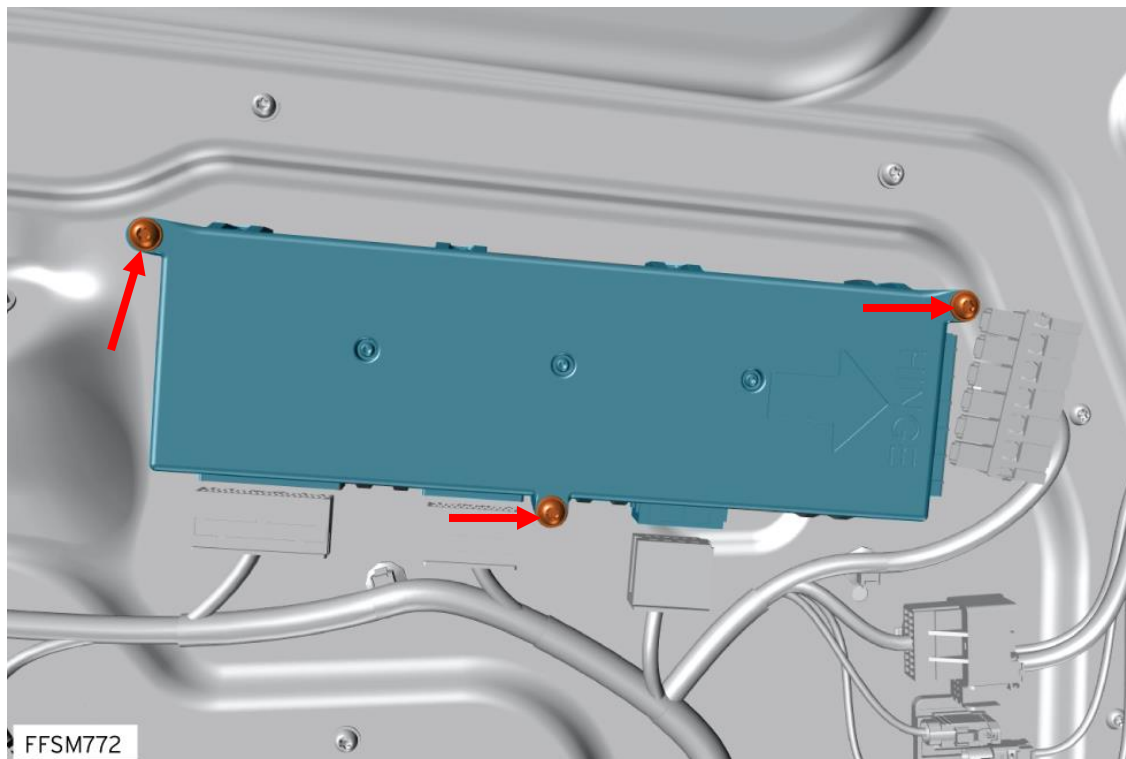




21. Disconnect harness connectors (x4) D1335\_1, D1335\_2, D1335\_3 and D1335\_5 from front door control module.



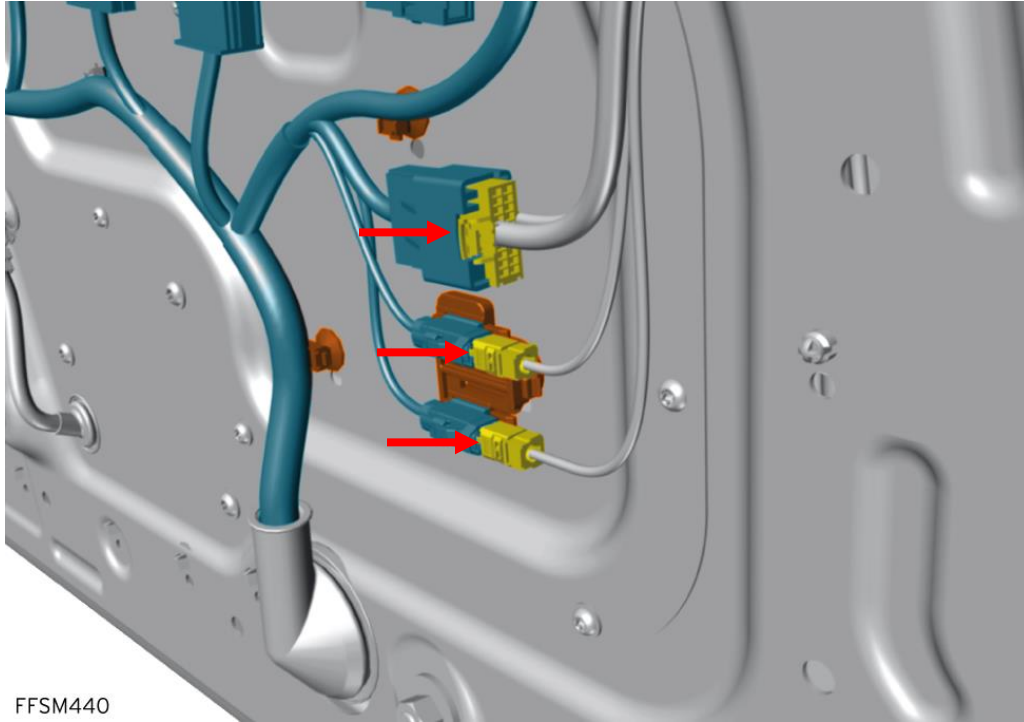
22. Remove M5x40 screws (x3) securing front door control module to door. **Torque 1.2 Nm.**



23. Remove door control module and set aside as it will be replaced with a new one.

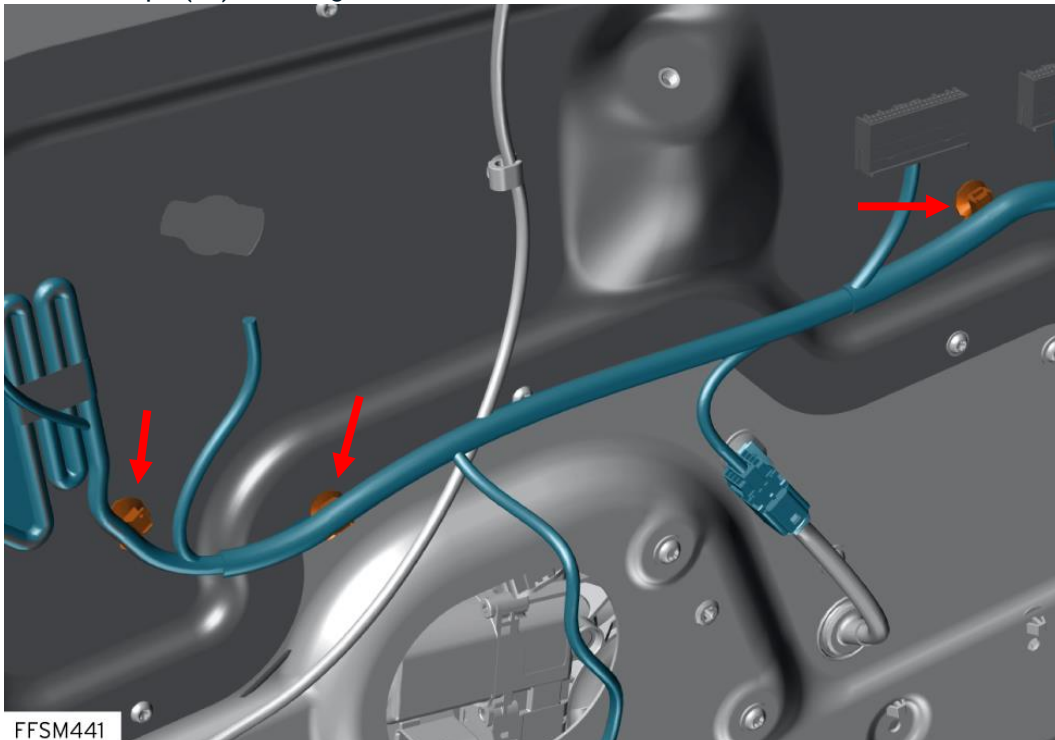


24. Disconnect mirror harness connectors (x3) D1401\_1, D1401\_2 and D1401\_3 from door harness.  
(Only applies to front doors)



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25. Release clips (x4) securing door harness to water shield.

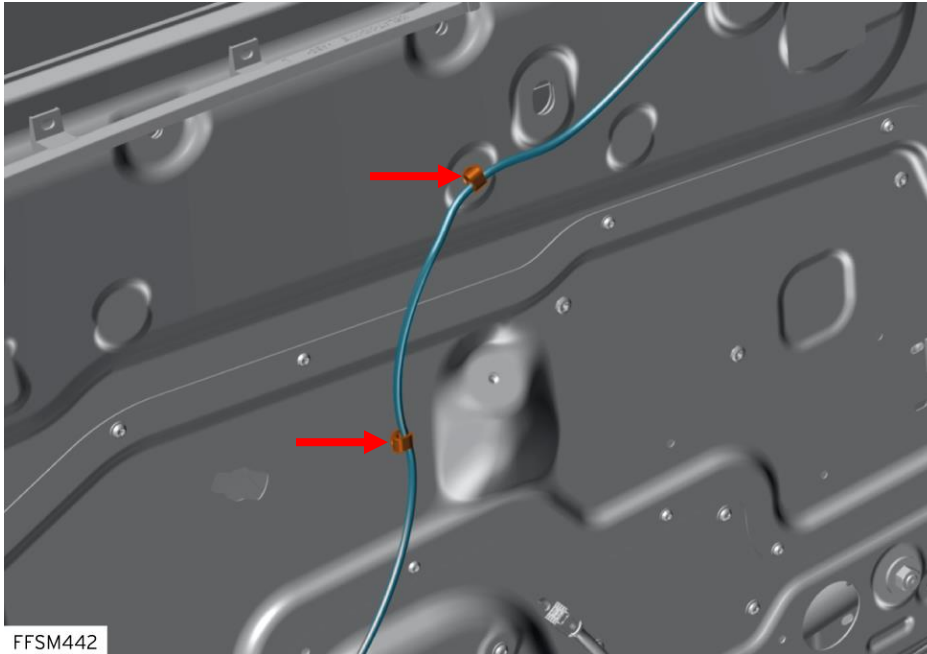


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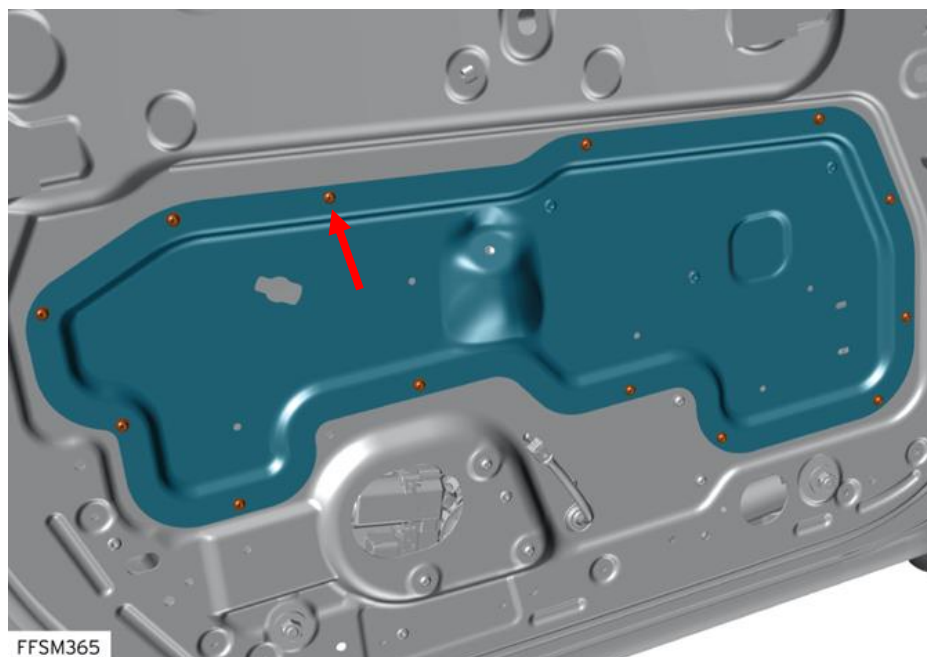
26. Release clips (x2) securing door harness to water shield.  
27. Release clip securing door harness to door.



28. Set door harness aside.
29. Release clip securing door release cable to water shield.
30. Release clip securing door release cable to door.



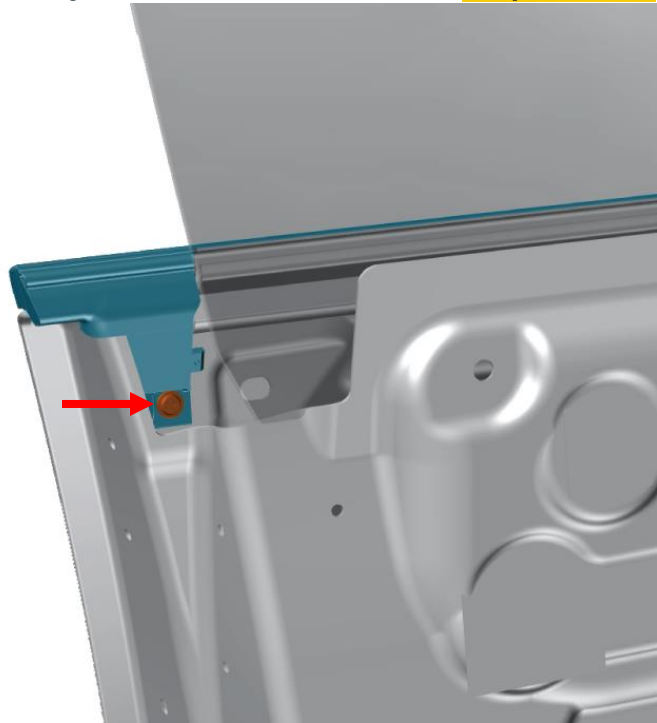
31. Remove M5x12 bolts (x13) securing door water shield to door. **Torque 1.2 Nm.**



32. Remove water shield.

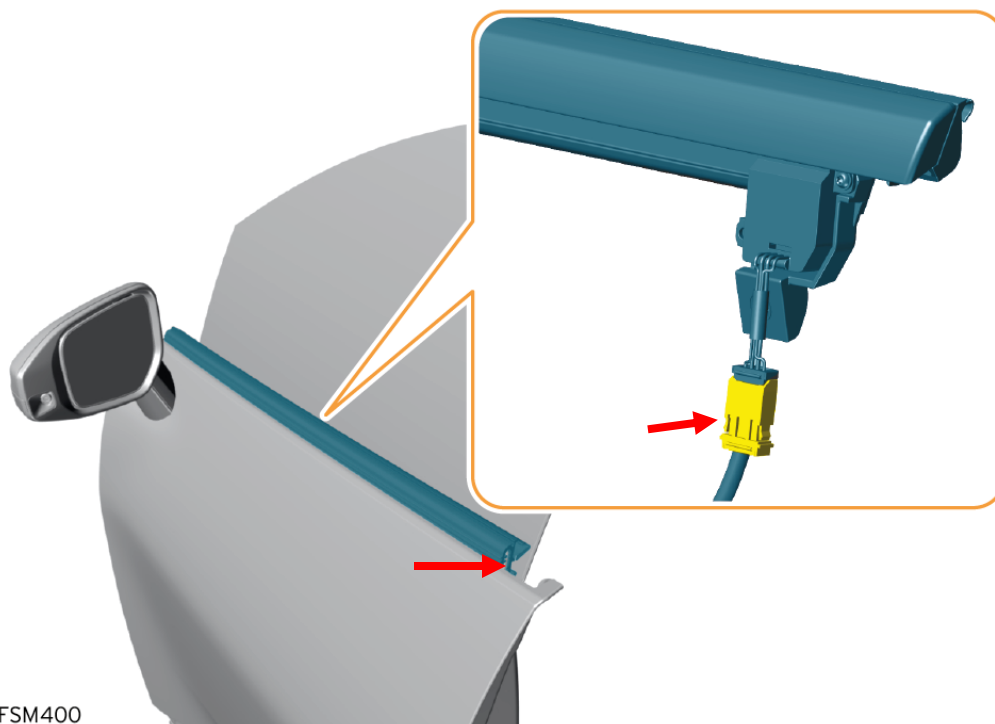


33. Remove M5x10 torx screw securing rear of outer belt seal to door. **Torque 5.6 Nm.**



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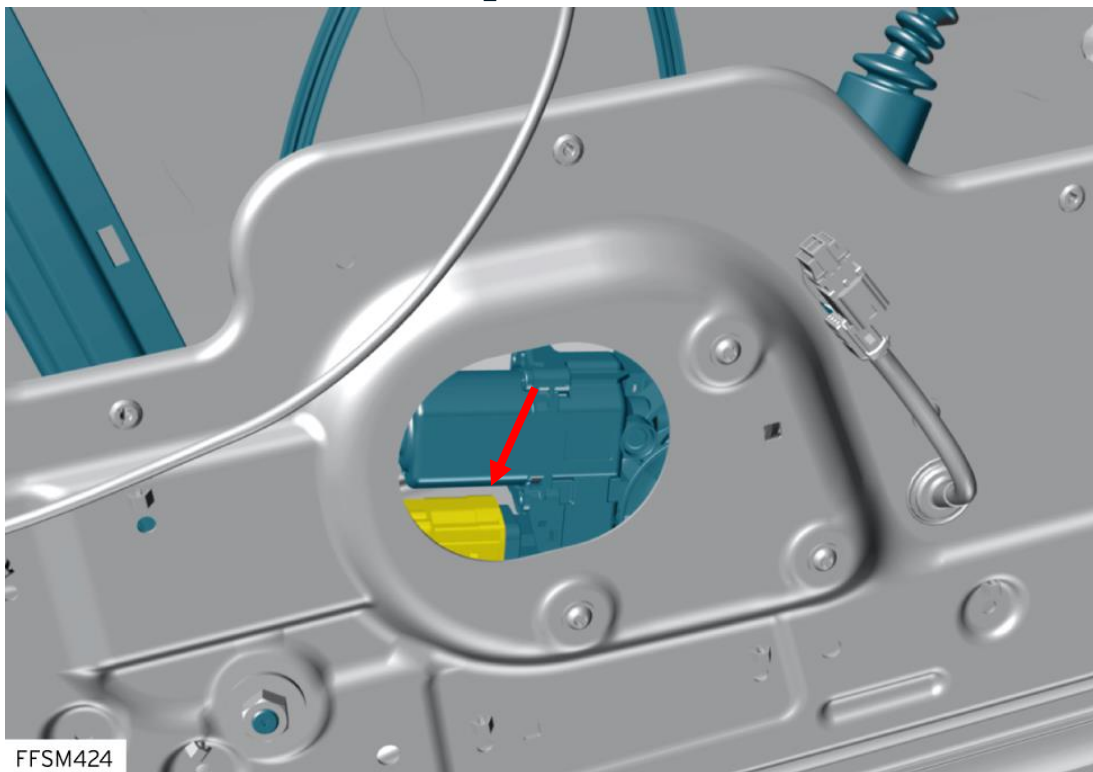
34. Release the outer belt seal from door.  
35. Remove front outer belt seal.  
36. Disconnect harness connector D1321\_1 from outer belt seal sensor.



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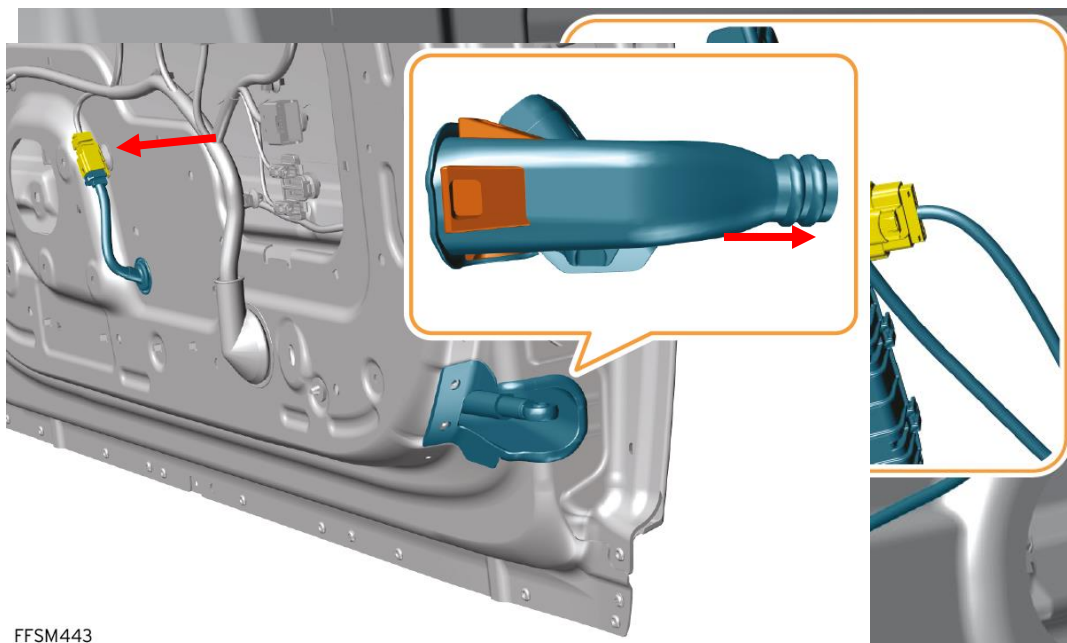


37. Disconnect harness connector D1201\_1 from window motor.



38. Disconnect harness connector D1345\_1 from door latch.

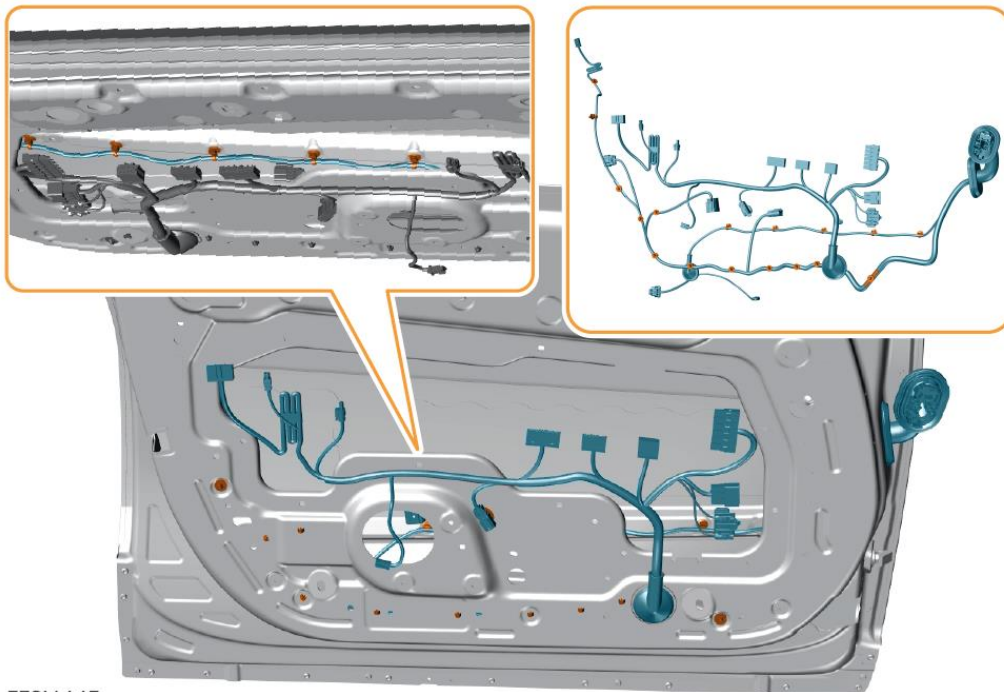
39. Disconnect harness connector D1308\_1 from door latch.



40. Disconnect harness connector D1301\_1 from door power actuator.



41. Release grommet and pull harness through door.
42. Release tabs (X3) securing grommet to door.
43. Remove grommet.
44. Release clips (x17) securing door harness to door.
45. Release grommets (x3) from door.



FFSM445

Pull harness through apertures and remove door harness.

## Installation

Installation is the reverse of removal procedure except for the following:

1. Clean mating surface between door and inner belt.
2. Replace all (15) Door Panel Clips on each panel with a **new clip**. Do not reuse old clips.
3. Repeat the same procedure for each door.



## PARTS INFORMATION

Order the Part Number for your specific vehicle:

Part Number	Description	Quantity
sP-03990863	Clip, Plastic Bird Beak Door Panel, White	60
P-00879779G	Module, Door Control	4
P-00673236F	Harness Assy, Door Front Left - re-work	1
P-00673237D	Harness Assy, Door Front Right - re-work	1
P-00673240E	Harness Assy, Door Rear Left - re-work	1
P-00673241E	Harness Assy, Door Rear Right - re-work	1

## CLAIM INFORMATION

Covered under the terms of the Faraday Future New Vehicle Limited Warranty for Passenger Cars.

Defect Code		
902212010	R&R all DCM's & add re-work harnesses	

Refer to Aftersales Portal for the corresponding flat rate unit allowances.

Labor Operation Code	Description	Labor Allowance
90421968	Cladding Light harness and DCM replacement	5.0 hr