

Front Door Window Regulator and Motor



Special Tool(s) / General Equipment

Punch

Removal

WARNING: The following procedure prescribes critical repair steps required for correct restraint system operation during a crash. Follow all notes and steps carefully. Failure to follow step instructions may result in incorrect operation of the restraint system and increases the risk of serious personal injury or death in a crash.

NOTE: Left hand (LH) shown, right hand (RH) similar.

NOTE: Left hand drive (LHD) shown, right hand drive (RHD) similar.

NOTE: For front door window regulator motors that are non-functional it will be necessary to remove the front door window regulator motor prior to removing the front door window regulator.

NOTE: Removal steps in this procedure may contain installation details.

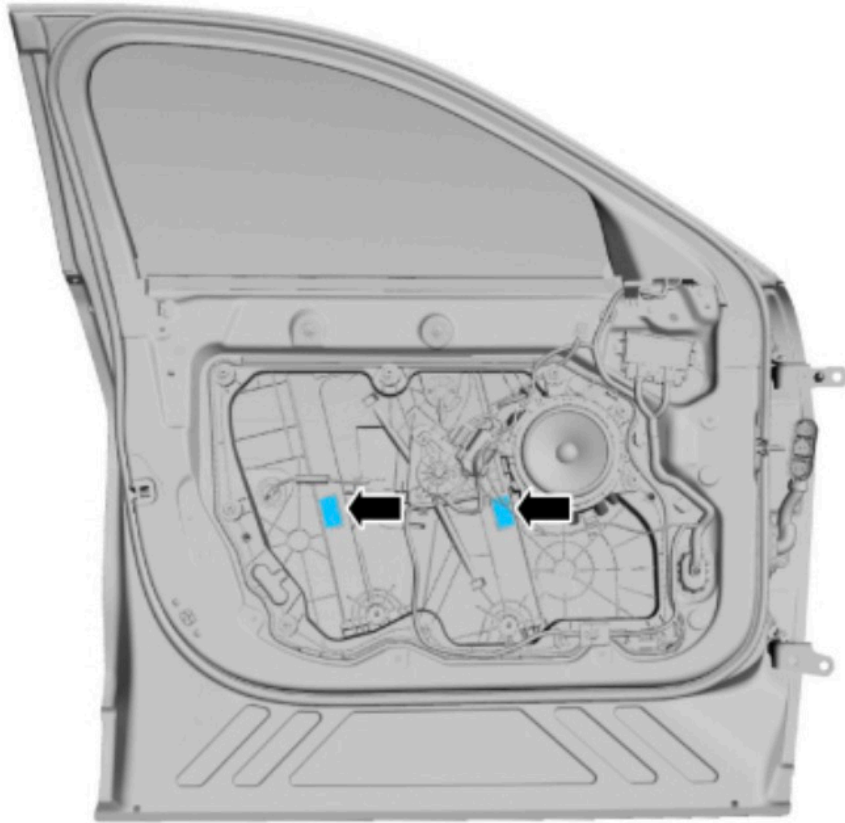
- WARNING:** Before beginning any service procedure in this manual, refer to health and safety warnings in section 100-00 General Information. Failure to follow this instruction may result in serious personal injury.

Depower the SRS .

Refer to: [Supplemental Restraint System \(SRS\) Depowering](#) (501-20B Supplemental Restraint System, General Procedures) .

- Remove the front door trim panel.
Refer to: [Front Door Trim Panel](#) (501-05 Interior Trim and Ornamentation, Removal and Installation) .

3. Remove the front door window glass release access covers.

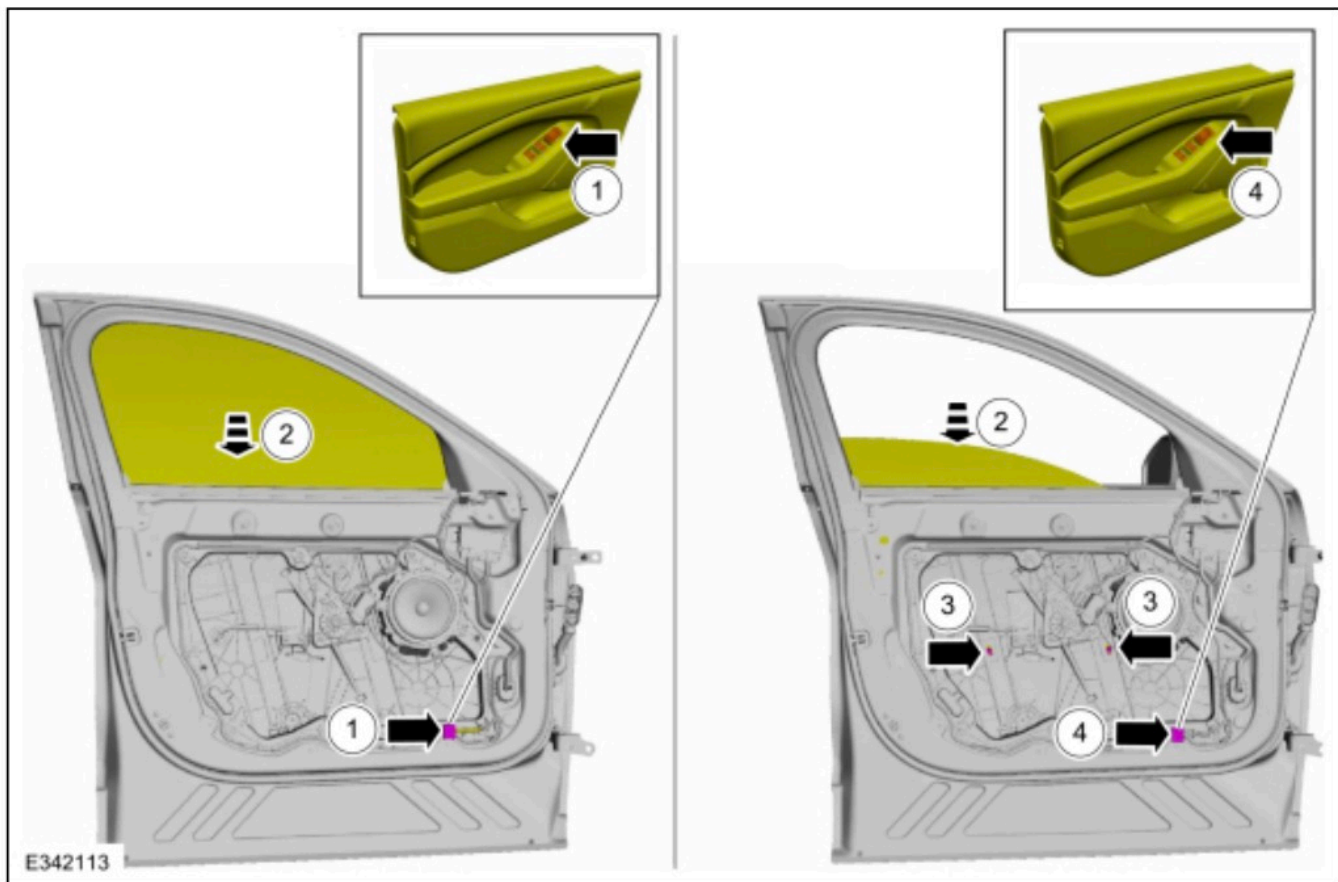


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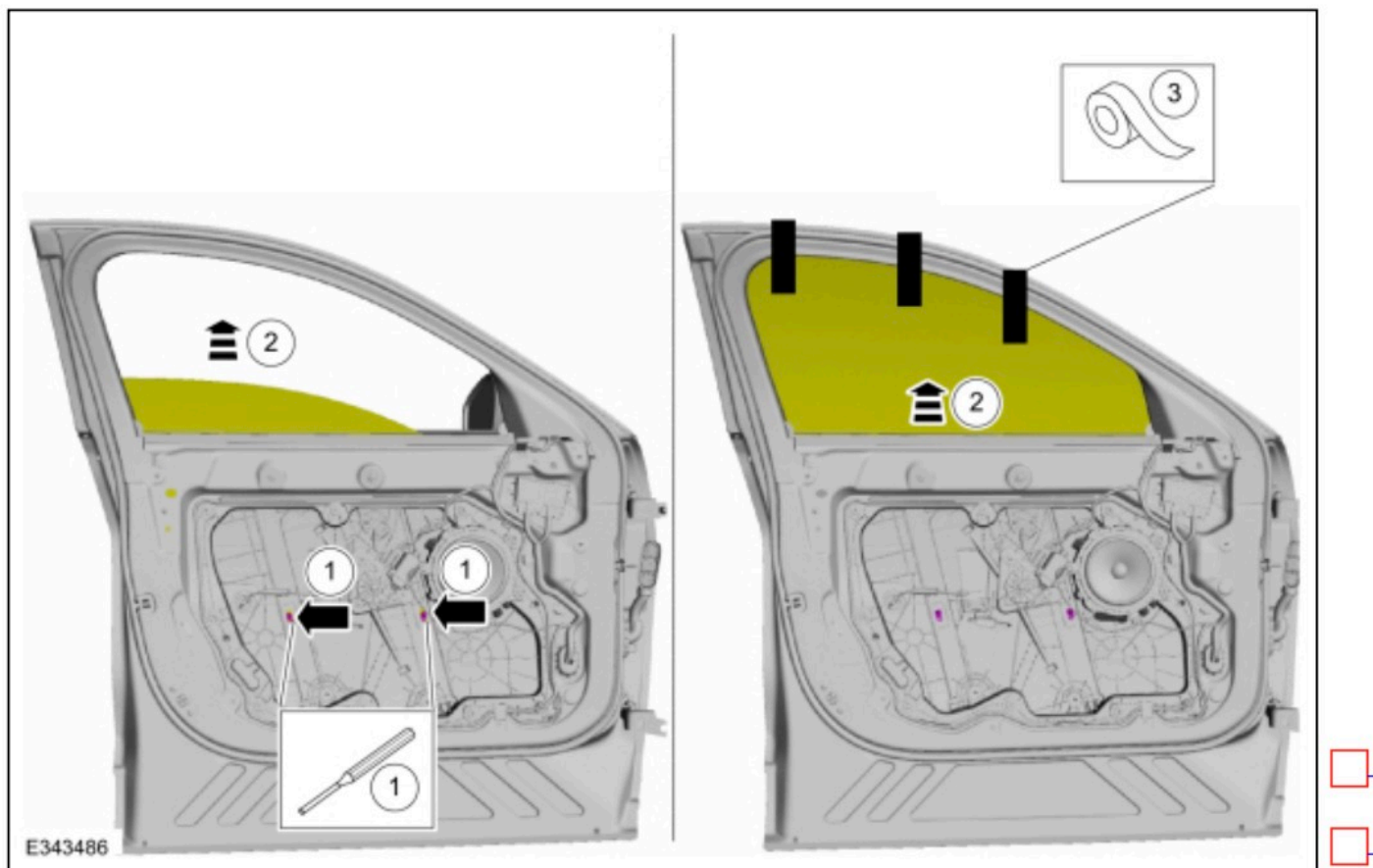
4.

Lower the front door window glass to the half down position.

1. Position the front door trim panel and connect the inline electrical connector.
2. Lower the front door window glass to the half down position.
3. Align the front door window glass retaining clips with the access windows.
4. Disconnect the inline electrical connector and remove the front door trim panel.



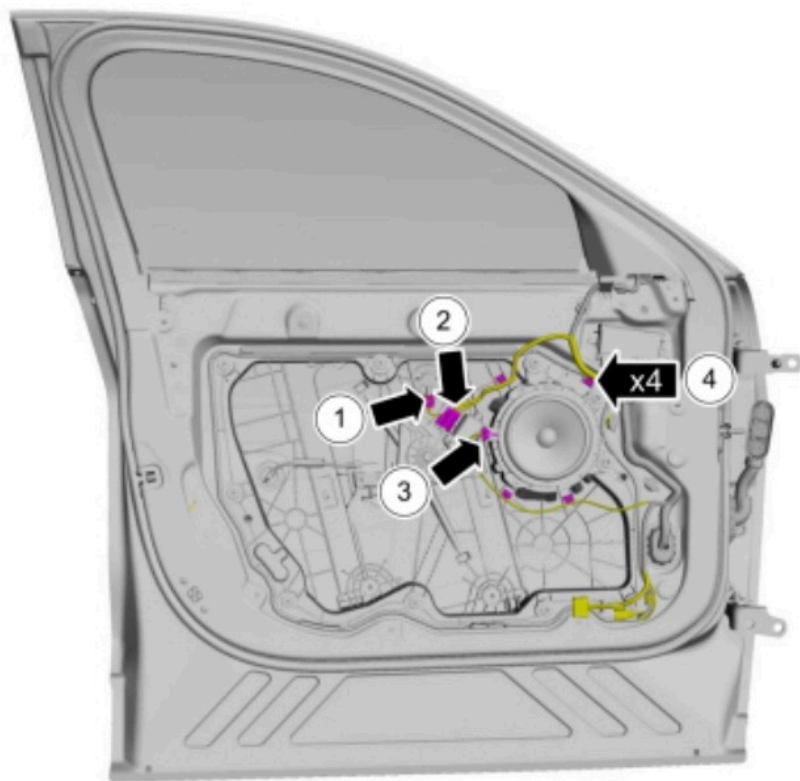
5. Release the front door window glass and tape in the full up position.
 1. Release the front door window glass retaining clips.
Use the General Equipment: Punch
 2. Raise the front door window glass in the full up position.
 3. Tape the front door window glass in the full up position.



6.

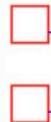
Position the front door wiring harness aside.

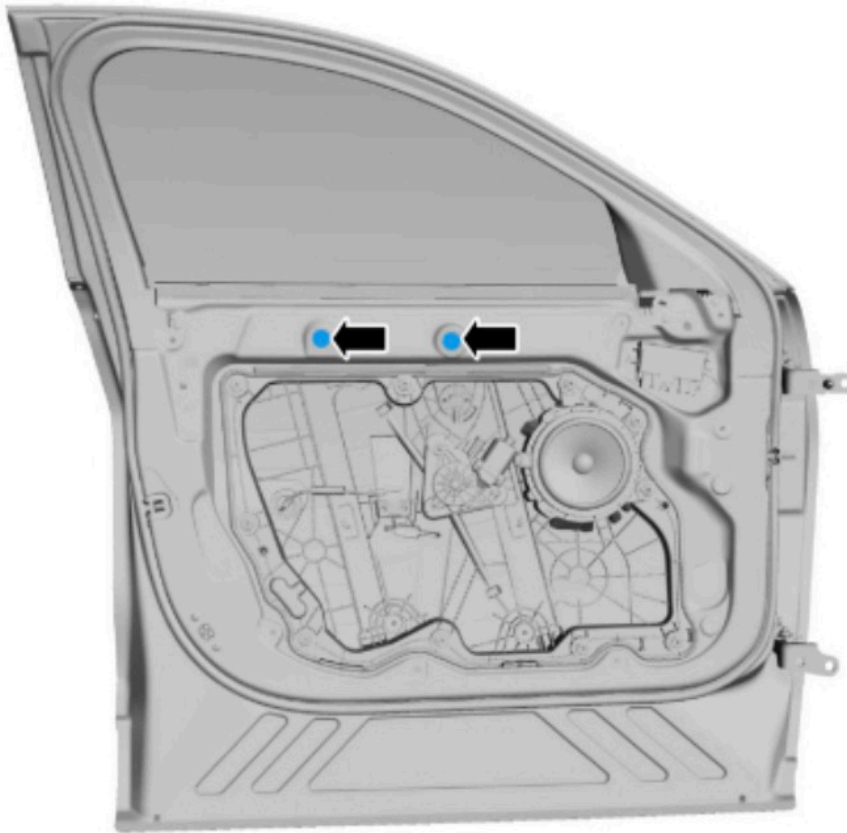
1. Disconnect the front side door impact sensor electrical connector.
2. Disconnect the front door window regulator motor electrical connector.
3. Disconnect the front door speaker electrical connector.
4. Release the front door wiring harness routing clips and position the front door wiring harness aside.



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7. Remove the front door window regulator nut adhesive covers.



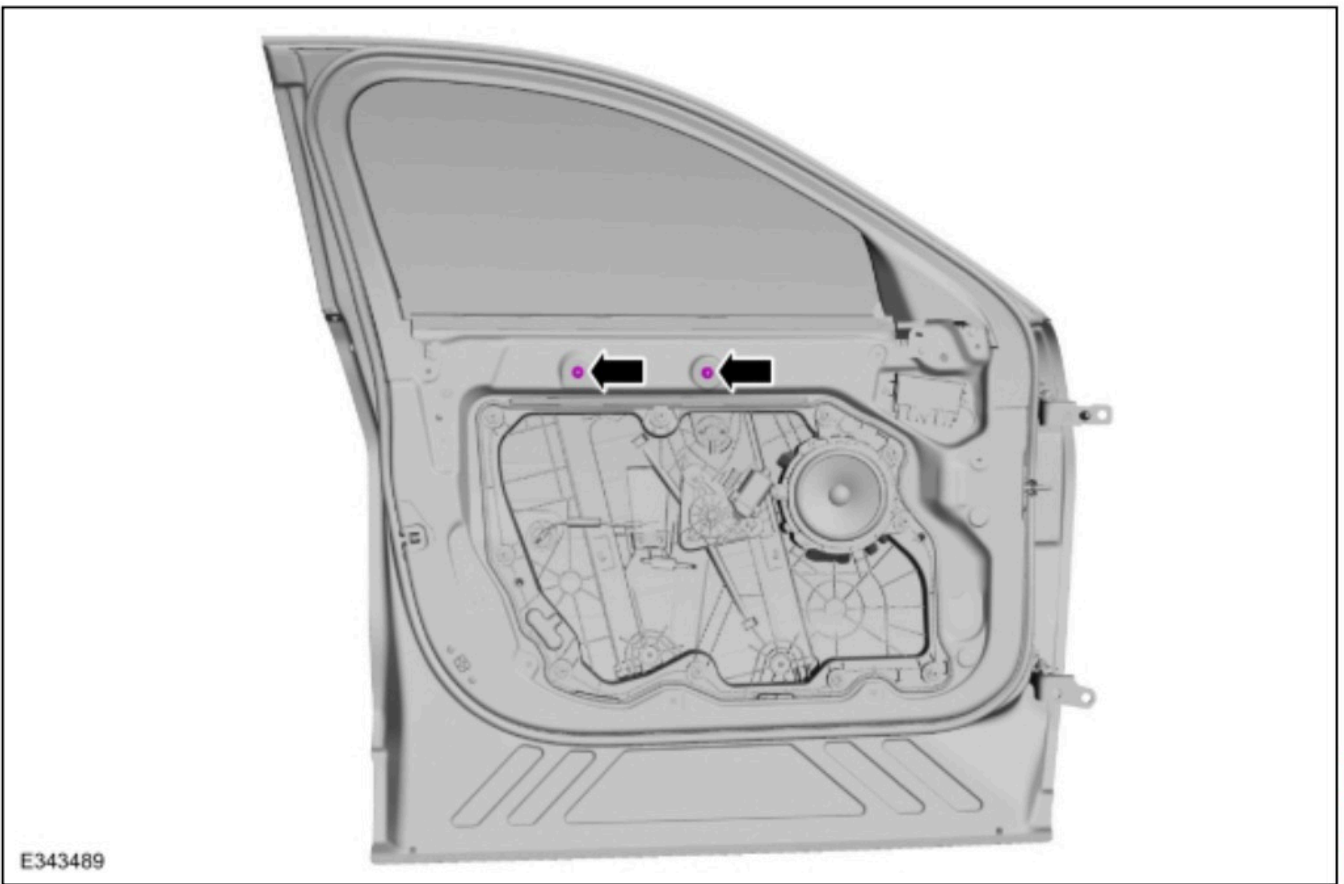


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8. **NOTE:** *Follow the unique instructions or graphic for this step in installation*

Remove the front door window regulator nuts.

Torque : 93 lb.in (10.5 Nm)



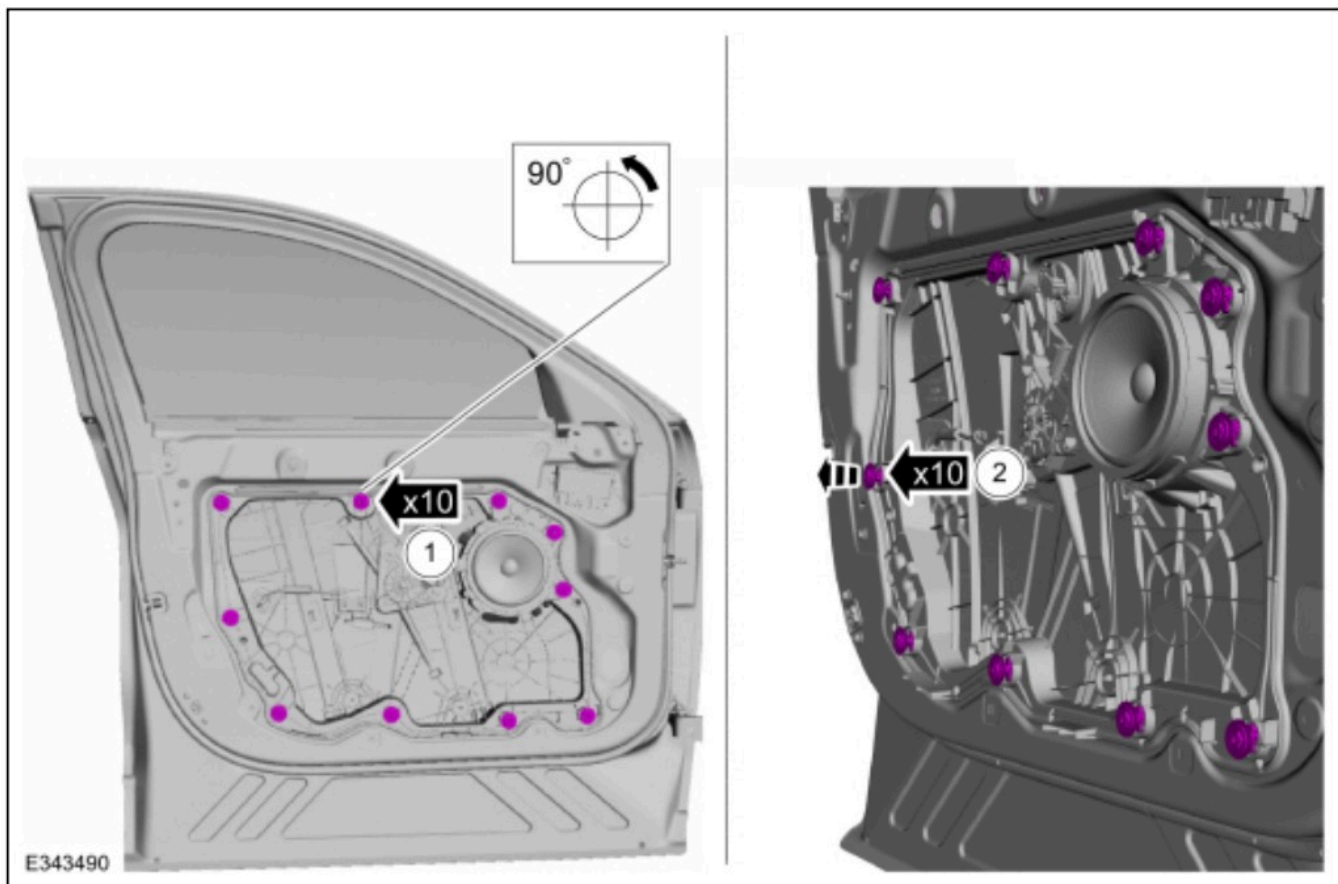
9. **NOTE:** *Follow the unique instructions or graphic for this step in installation.*

Release the front door window regulator retaining clips.

1. Release the front door window regulator retaining clips.

Torque : 42 lb.in (4.8 Nm)

2. Position the front door window regulator retaining clips into the service position.



10.

Remove the front door window regulator.

1. Remove the front door window regulator.
2. Route the interior door handle cable and grommet through the front door window regulator.



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