



FOREWORD

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GROUP

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FORD RANGER 2011.50MY BODY REPAIR MANUAL

Body and Paint

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SECTION 501-00 Body System - General Information

VEHICLE APPLICATION: 2011.50 Ranger

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DESCRIPTION AND OPERATION

Body – Overview

General

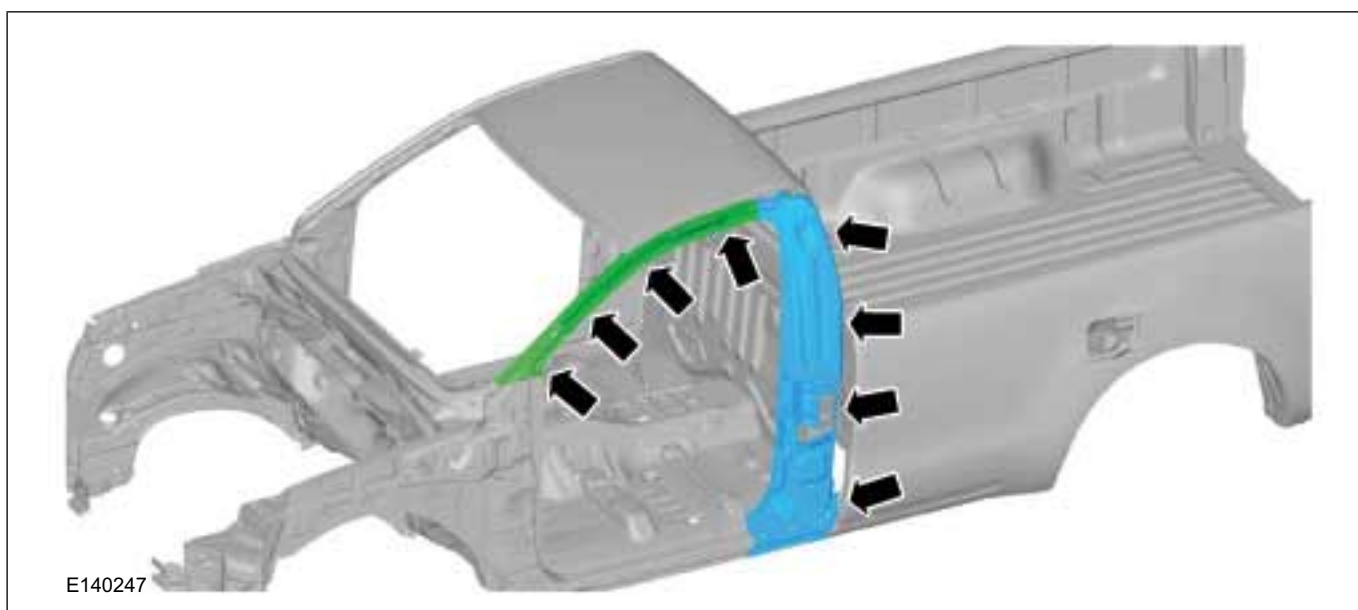
At introduction the following vehicle variants are available:

- 2.5L petrol 4x2 low rider, 4x2 high rider, 4x4 with manual transmission
- 2.2L diesel 88kW & 92kW 4x2 low rider, 4x2 high rider, 4x4 with manual transmission
- 2.2L diesel 110kW 4x2 low rider, 4x2 high rider drive ratio 3.31, 4x2 high rider drive ratio 3.55 with manual transmission

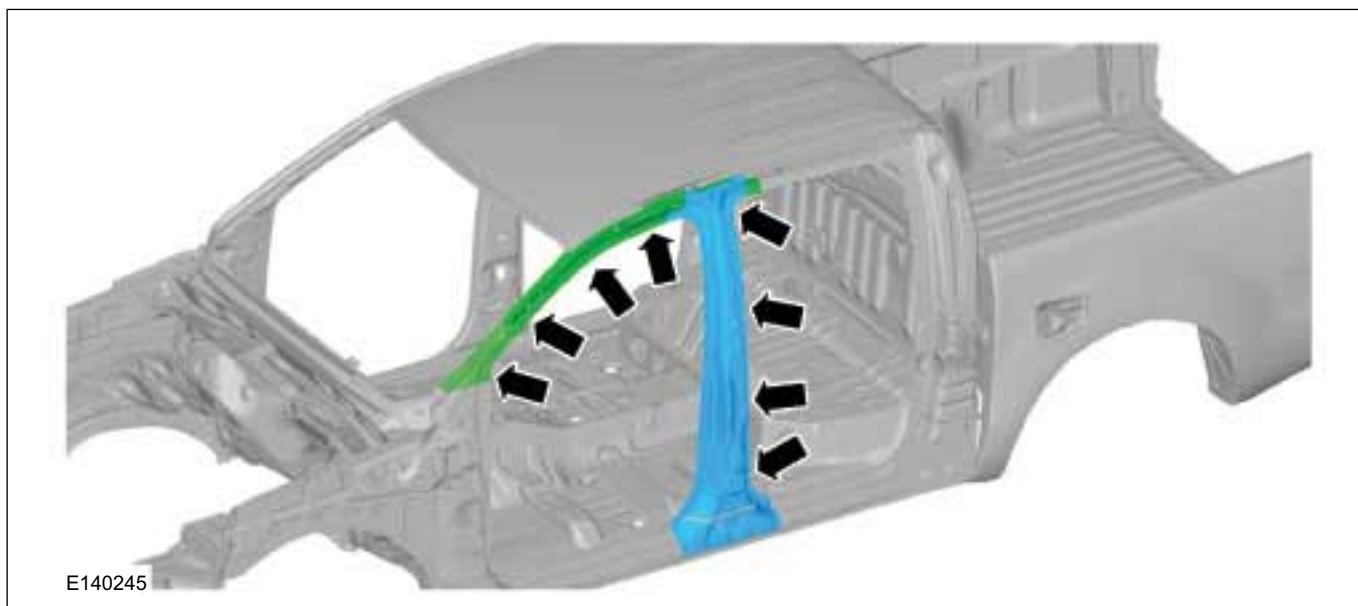
- 2.2L diesel 110kW 4x2 high rider with auto transmission
- 2.2L diesel 110kW 4x4 manual and auto transmission
- 3.2L diesel 4x2 high rider and 4x4 drive ratio 3.31, 4x2 high rider and 4x4 drive ratio 3.55 with manual transmission

A- and B-pillar reinforcement

Single cab

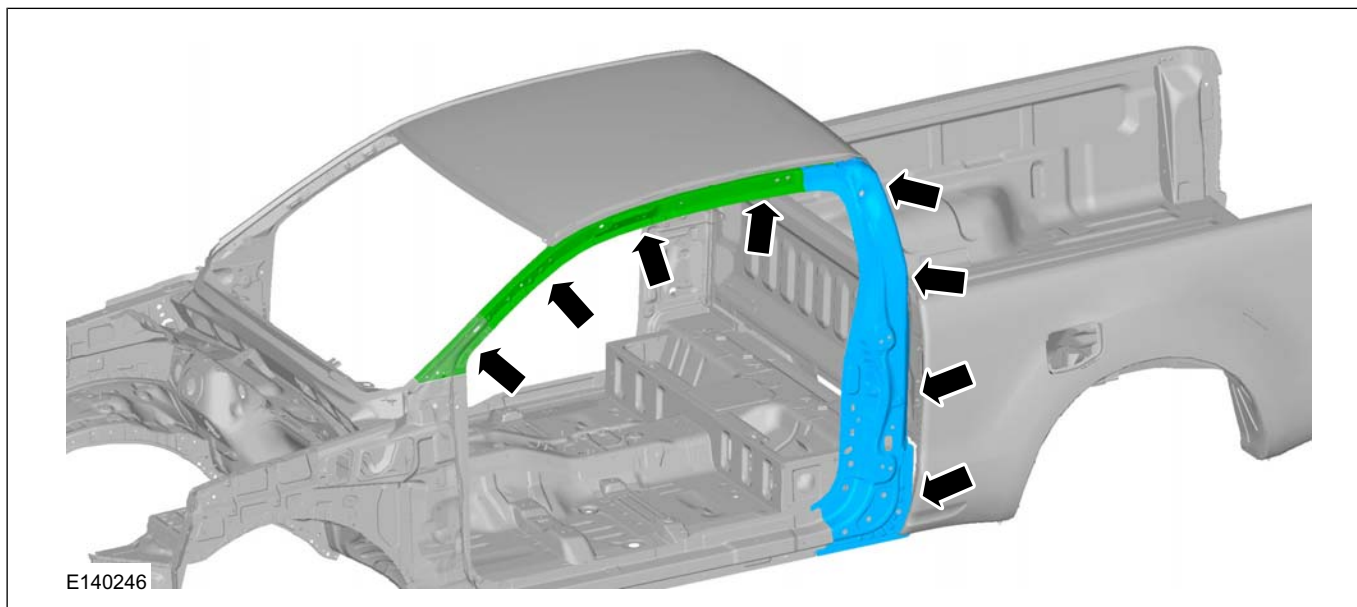


Double cab



DESCRIPTION AND OPERATION

Super cab

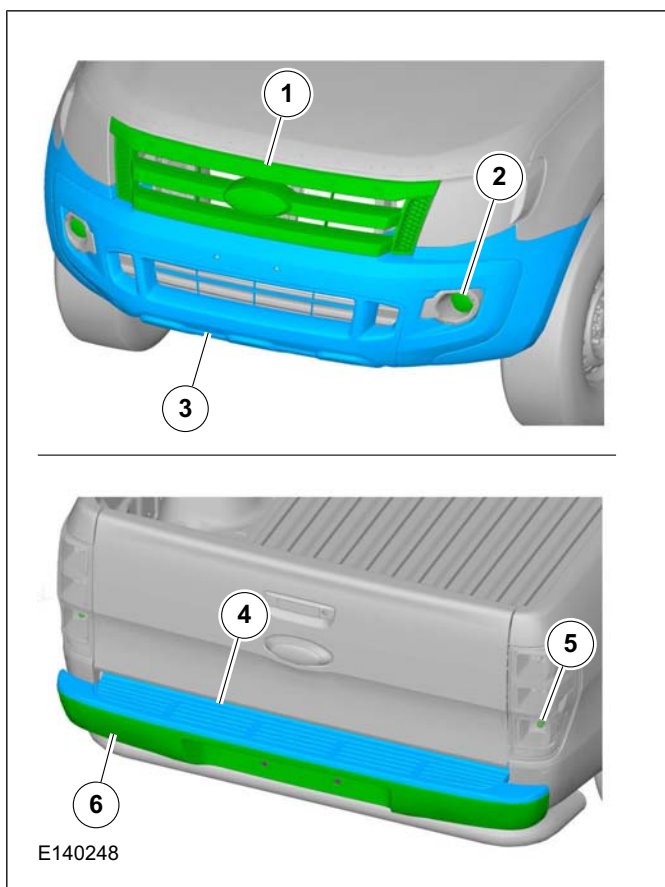


The A- and B-pillar reinforcement is made of the highest strength boron steel.

These sheet metal parts can only be replaced as a complete unit during repairs and that section repairs are not possible.

Special installation and removal requirements must be observed during repairs. Special tools are also required. Relevant instructions are available in the current service literature.

Bumpers and radiator grille



Item	Description
1	Radiator grille
2	Front fog lights
3	Front bumper and cover

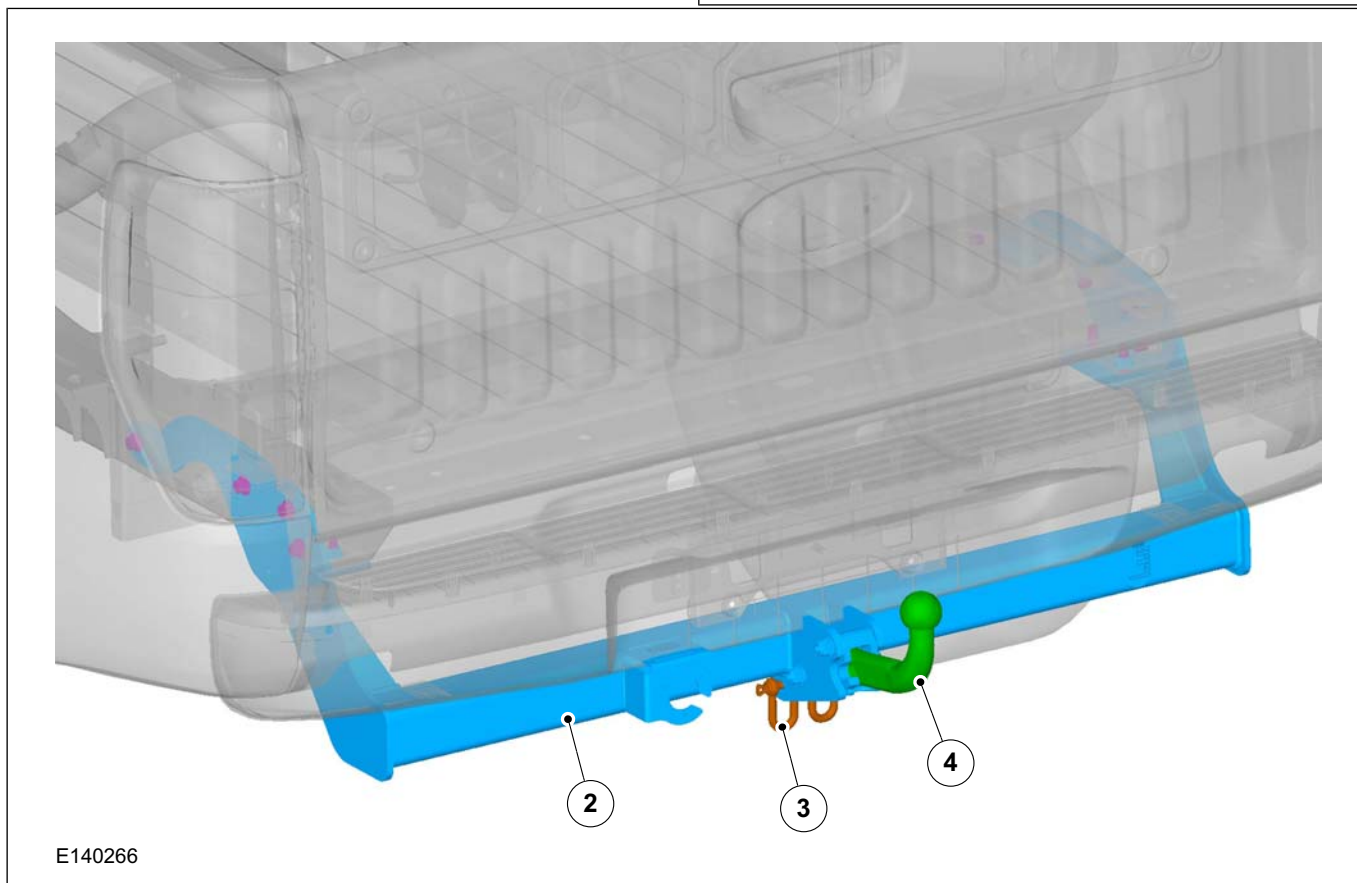
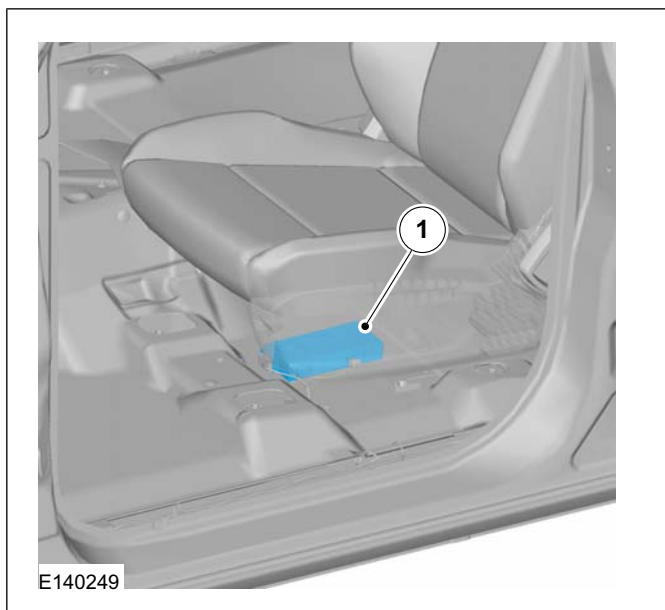
DESCRIPTION AND OPERATION

Item	Description
4	Rear bumper
5	Rear fog lamp
6	Rear bumper cover

The bumpers are painted in the body color as standard for all vehicle variants.

The bumper cover is only available in grey.

Trailer towbar



Item	Description
1	Module, trailer towbar
2	Trailer towbar

Item	Description
3	Shackles
4	Tow ball arm

At introduction, a removable towbar is made available for the vehicle.

If the vehicle is delivered from the factory with a towbar, then this is equipped with a 13-pin socket.

DESCRIPTION AND OPERATION

For aftermarket installation, both a variant with a 13-pin socket and also a variant with a 7 pin socket are available in service.

The fundamental difference between the two variants:

- The 7-pin version does not support deactivation of the parking aid (if it is installed in the vehicle).

The trailer towbar module is connected to constant positive at the passenger compartment fuse box (terminal 30, fuse 23).

For the 13-pin version, the trailer towbar module is connected with the parking aid module. As soon as a connector is inserted into the socket, the rear parking aid is deactivated.



SECTION 501-02 Front End Body Panels

VEHICLE APPLICATION: 2011.50 Ranger

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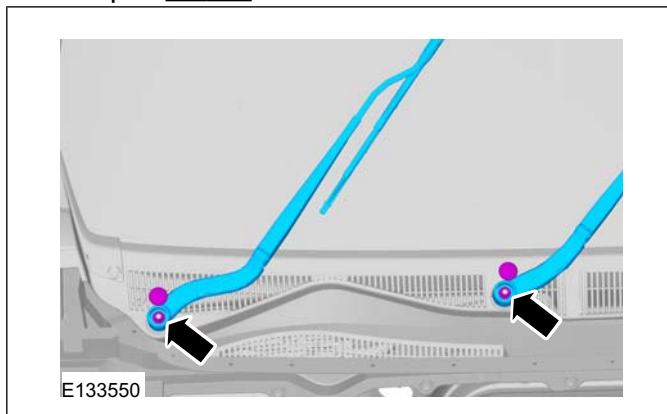


REMOVAL AND INSTALLATION

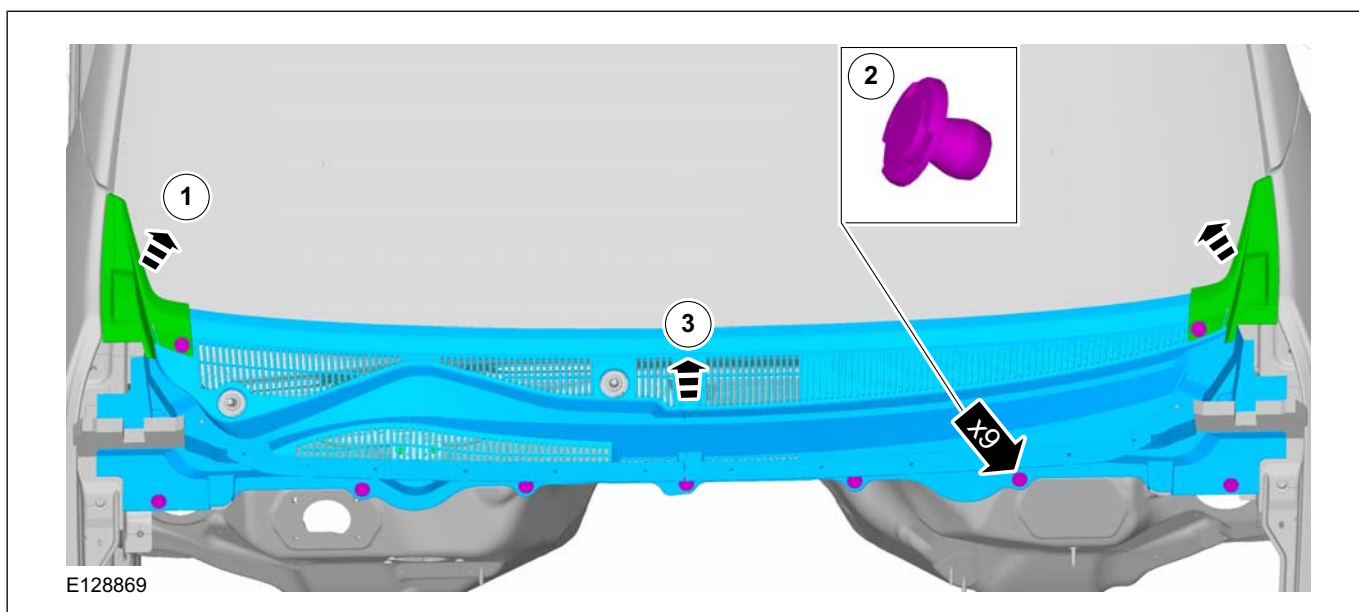
Cowl Panel Grille

Removal

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

1. Torque: 35 Nm

2.



Installation

- CAUTION:** Make sure that the motor is in the park position.

To install, reverse the removal procedure.
- Check the angle of the wiper arms to the windscreen.

Refer to: **Windshield Wiper Blade and Pivot Arm Adjustment** (501-16 Wipers and Washers, General Procedures).



SECTION 501-03 Body Closures

VEHICLE APPLICATION: 2011.50 Ranger

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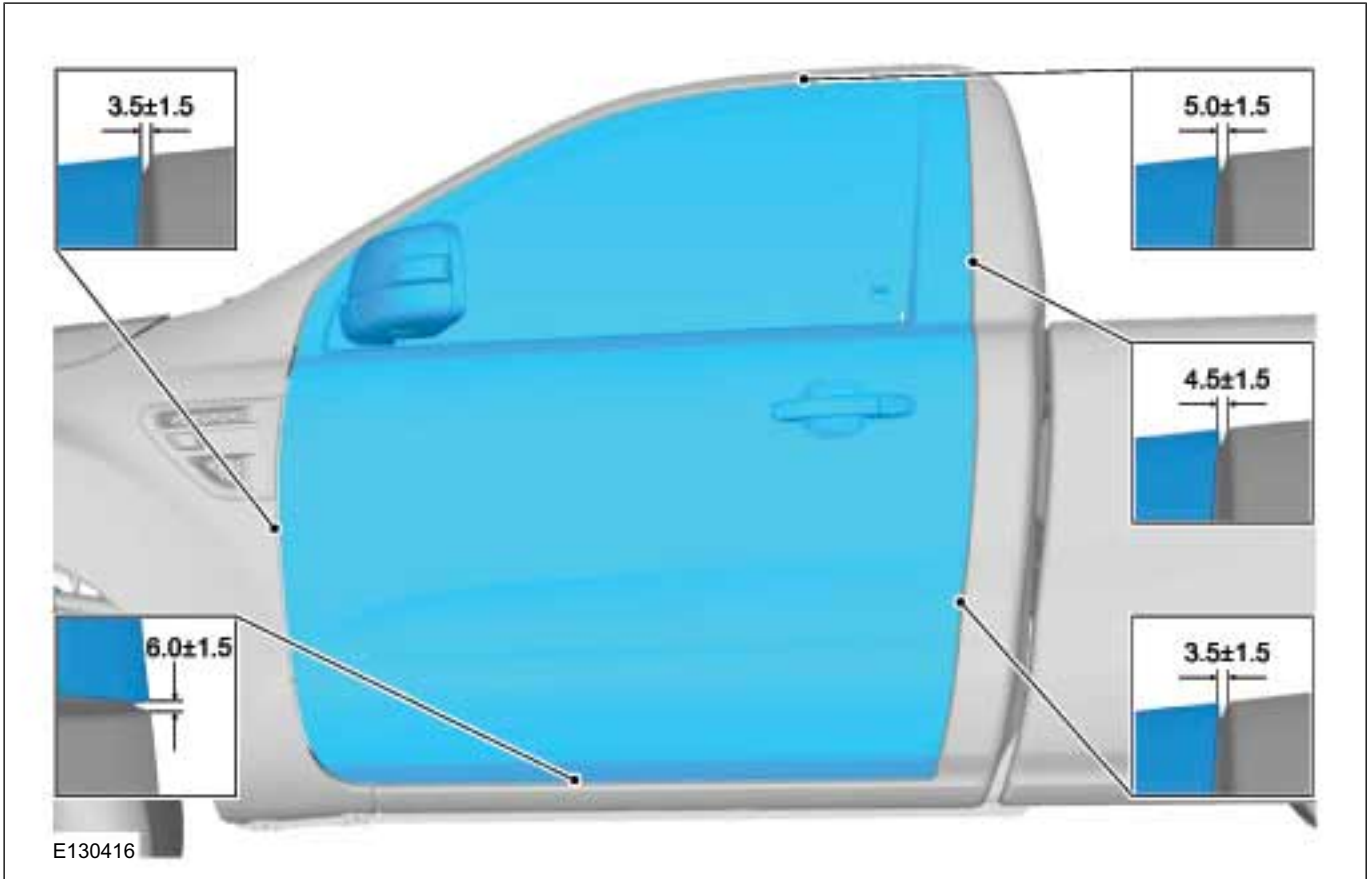


GENERAL PROCEDURES

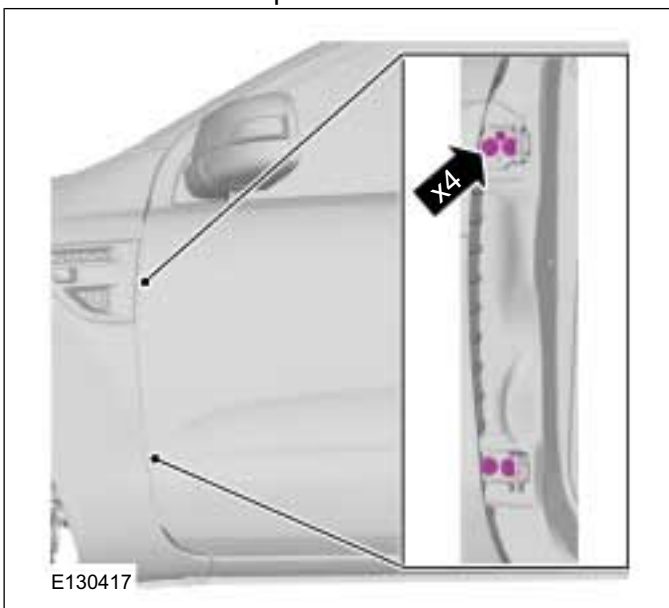
Door Alignment — Single Cab

Activation

1. **NOTE:** All the values are in mm.



2. Loosen one complete turn.



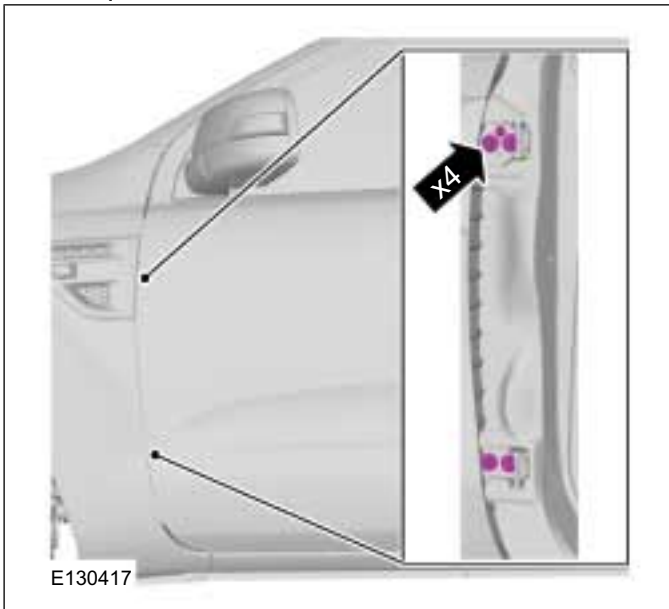
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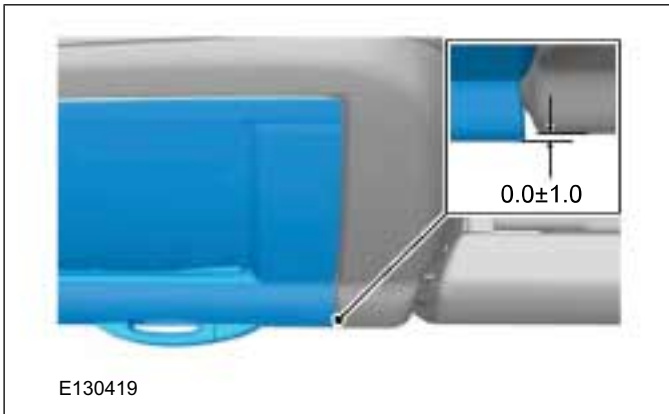


GENERAL PROCEDURES

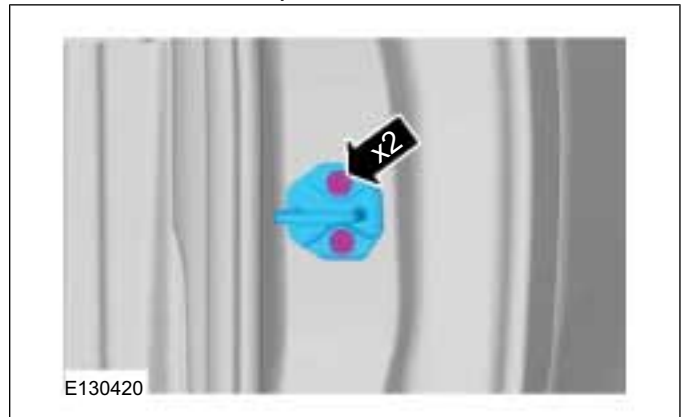
4. Torque: 25 Nm



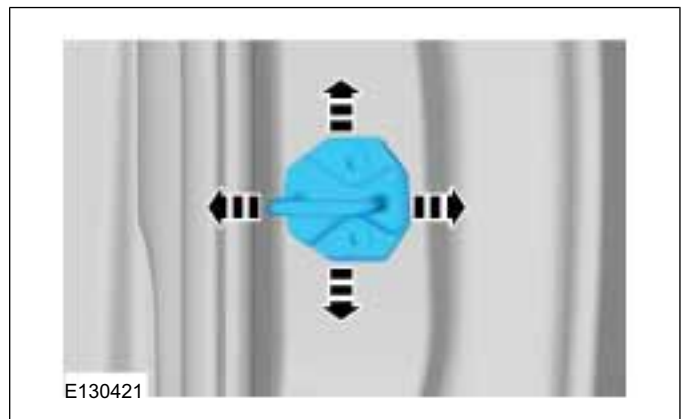
5. **NOTE:** All the values are in mm.



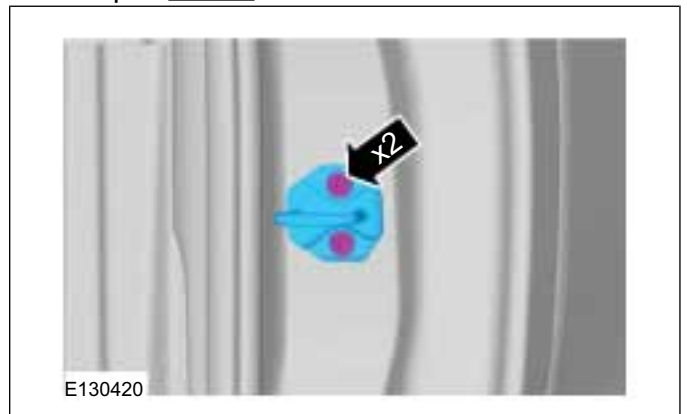
6. Loosen one complete turn.



7.



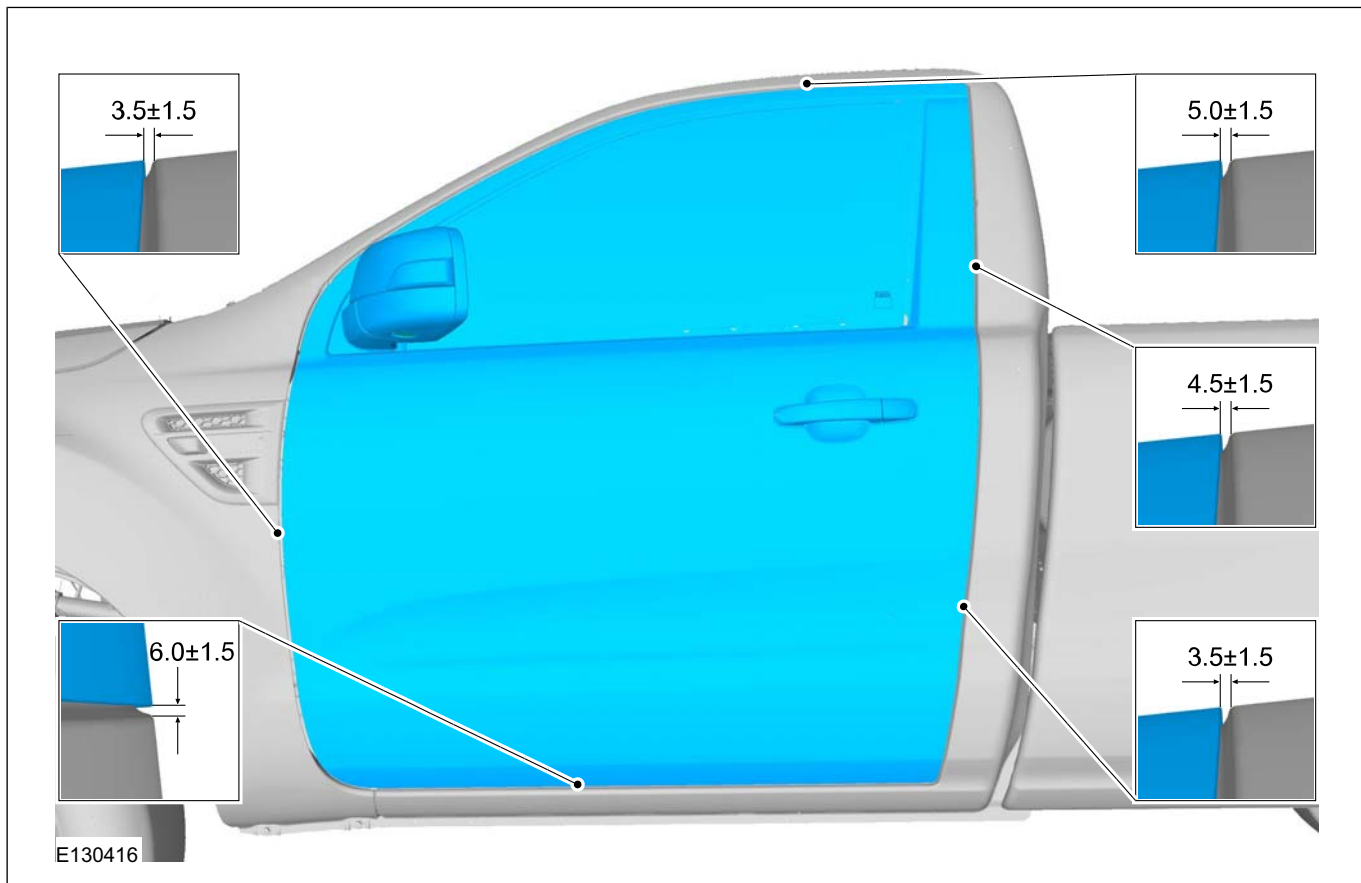
8. Torque: 20 Nm



9. **NOTE:** All the values are in mm.



GENERAL PROCEDURES

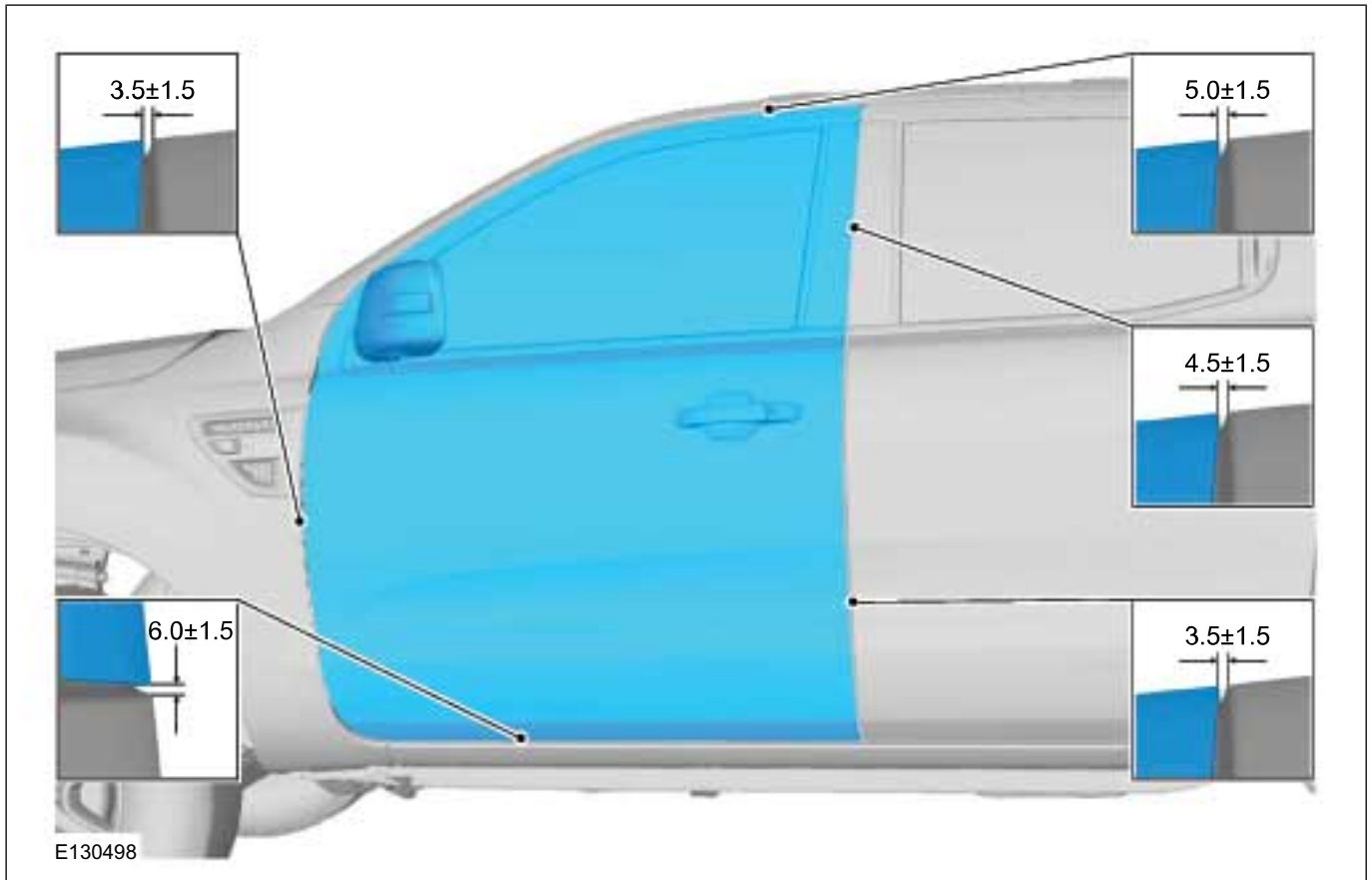


GENERAL PROCEDURES

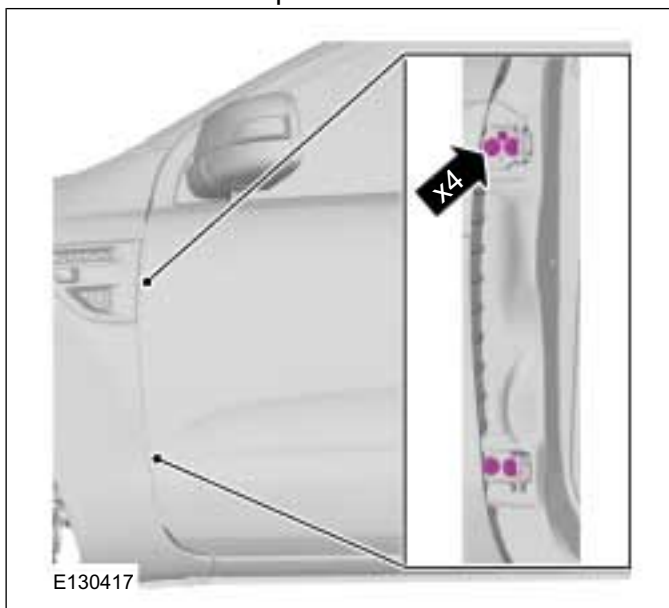
Front Door Alignment — Double Cab

Activation

10. NOTE: All the values are in mm.



11. Loosen one complete turn.



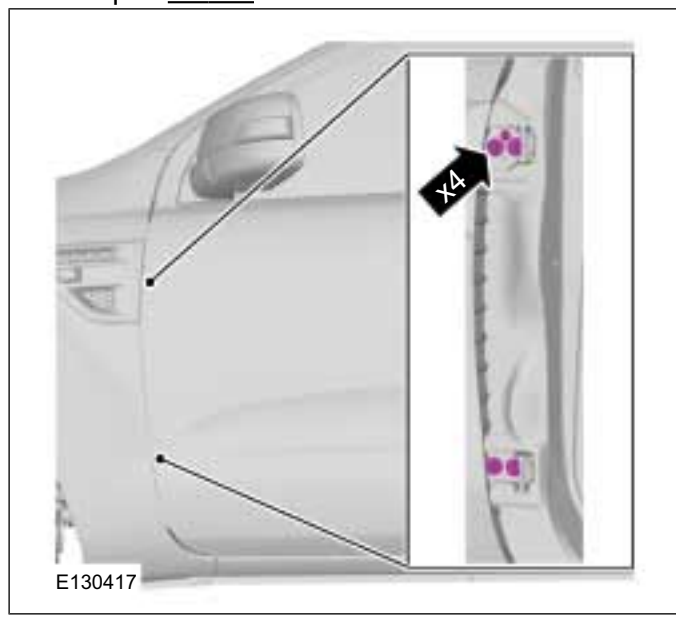
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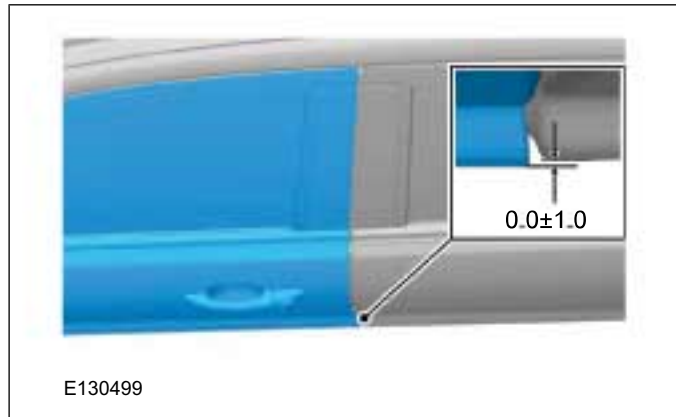


GENERAL PROCEDURES

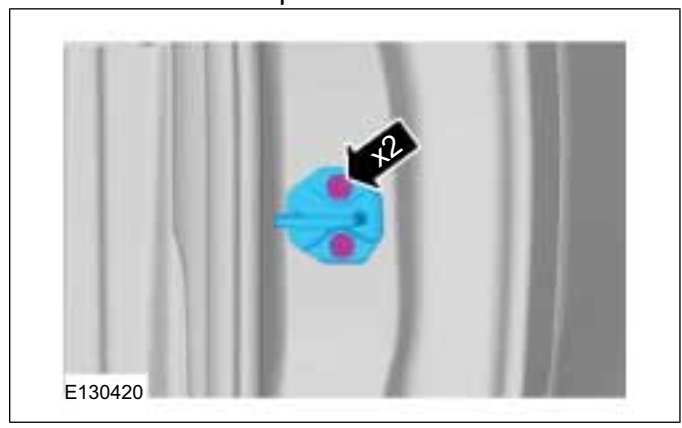
13. Torque: 25 Nm



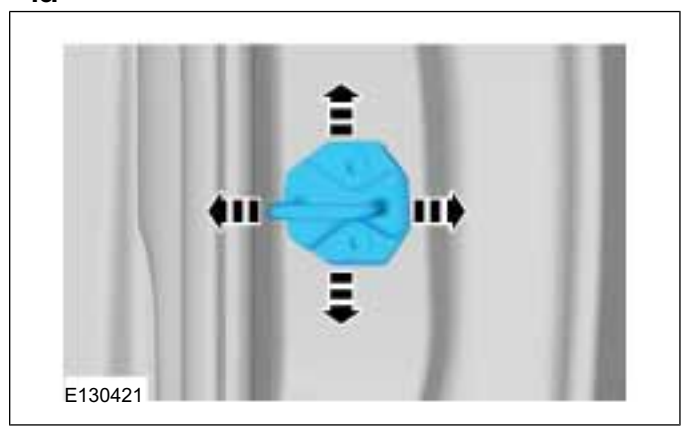
14. **NOTE:** All the values are in mm.



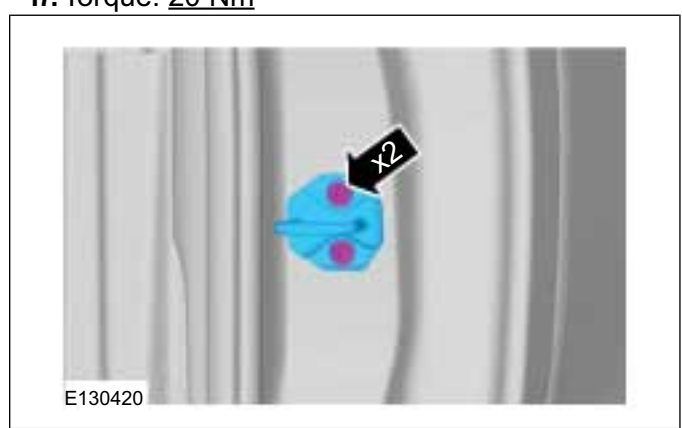
15. Loosen one complete turn.



16.



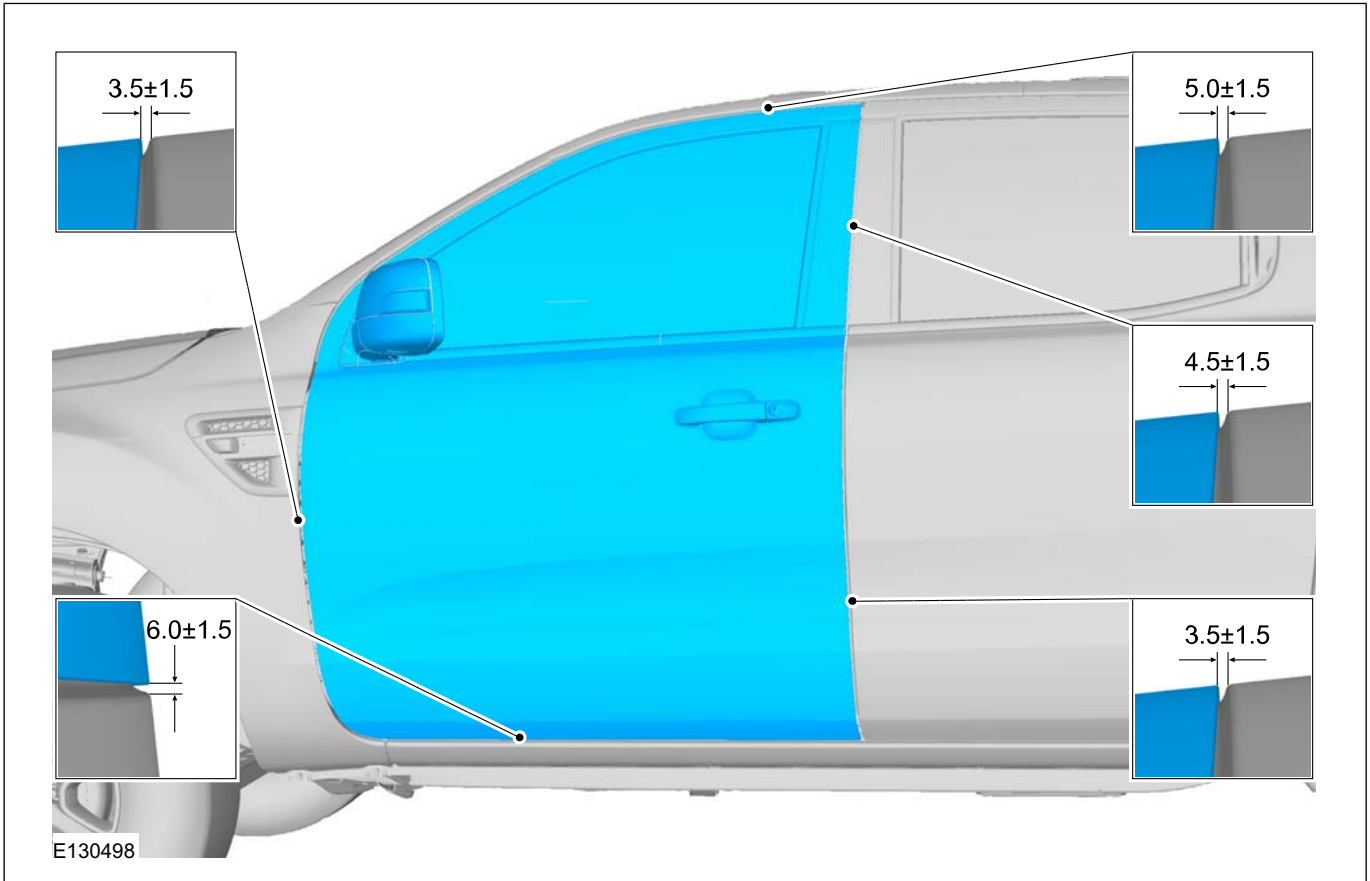
17. Torque: 20 Nm



18. **NOTE:** All the values are in mm.



GENERAL PROCEDURES

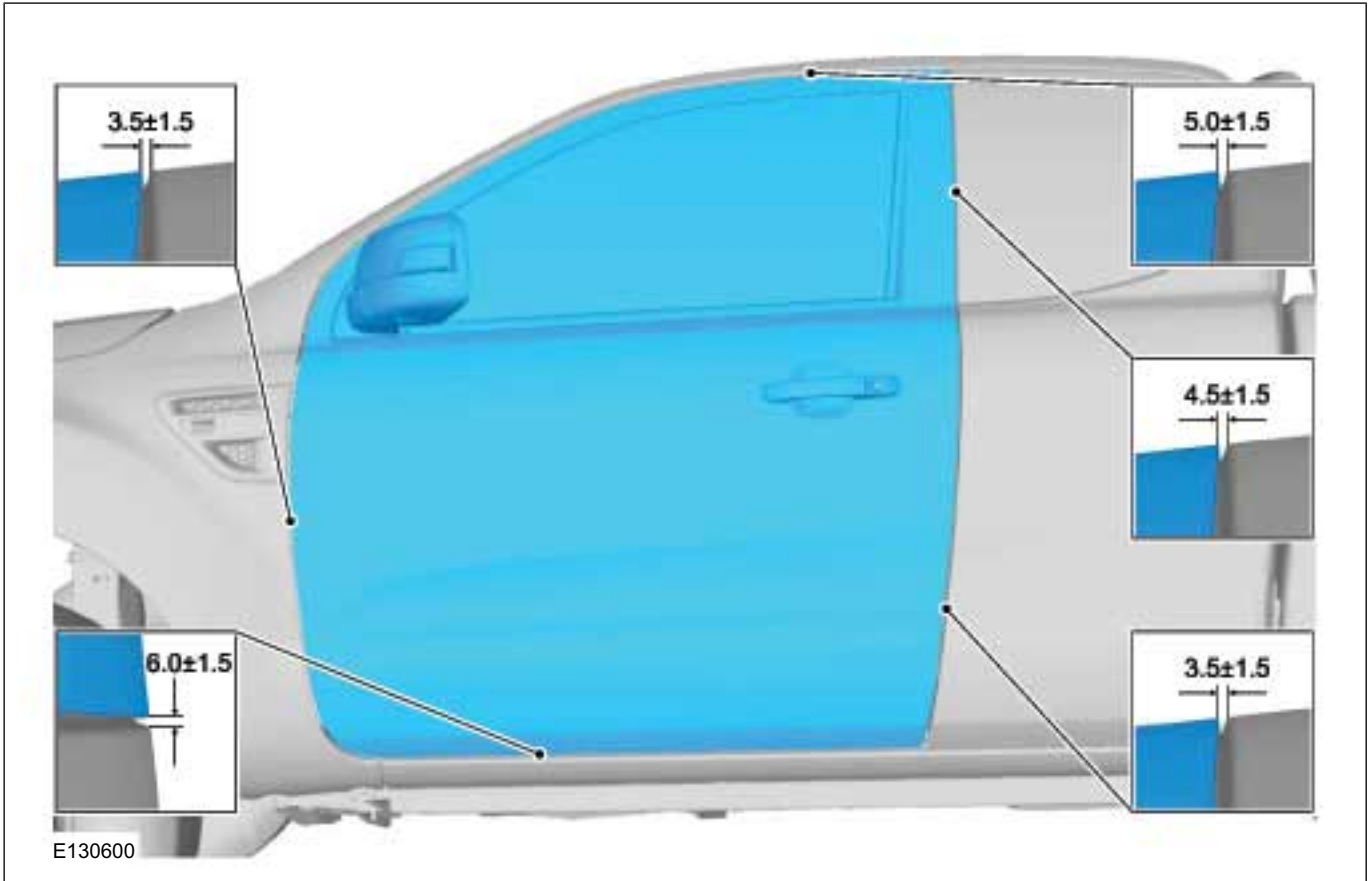


GENERAL PROCEDURES

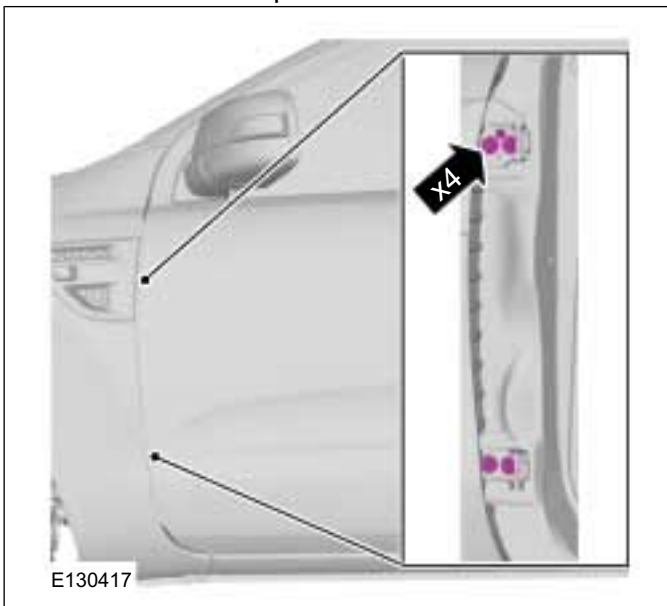
Front Door Alignment — Super Cab

Activation

19. NOTE: All the values are in mm.



20. Loosen one complete turn.



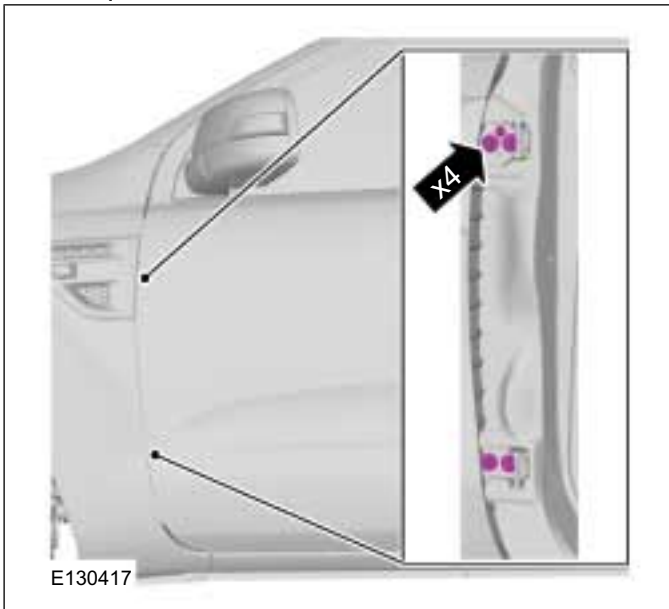
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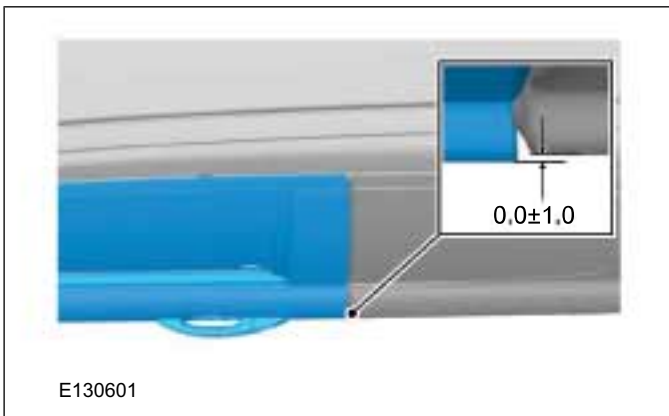


GENERAL PROCEDURES

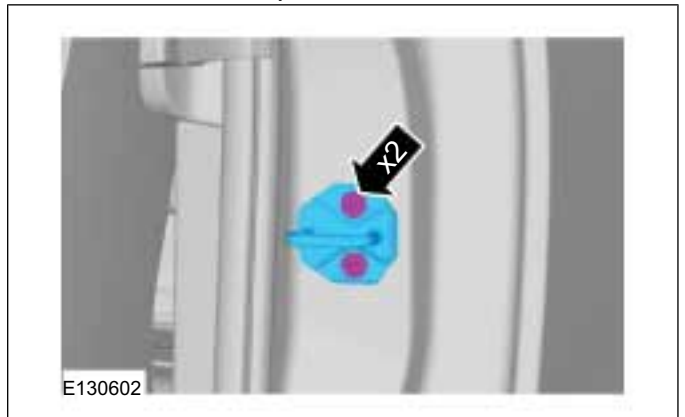
22 Torque: 25 Nm



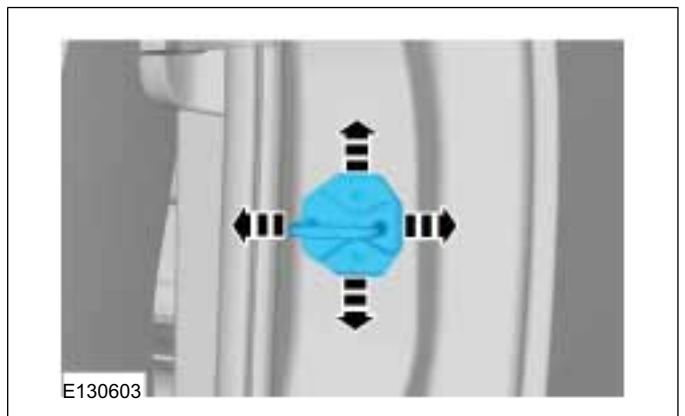
23. NOTE: All the values are in mm.



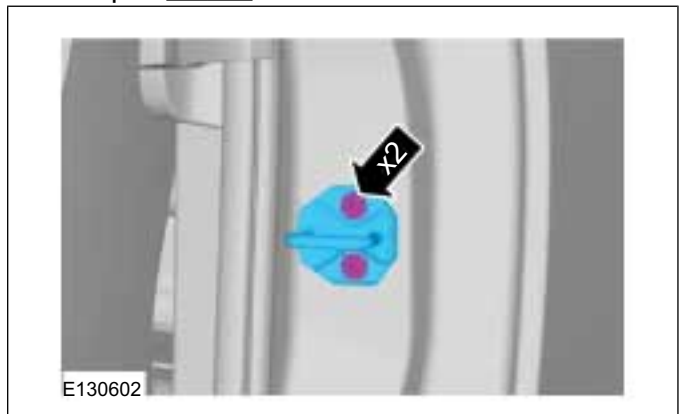
24. Loosen one complete turn.



25.



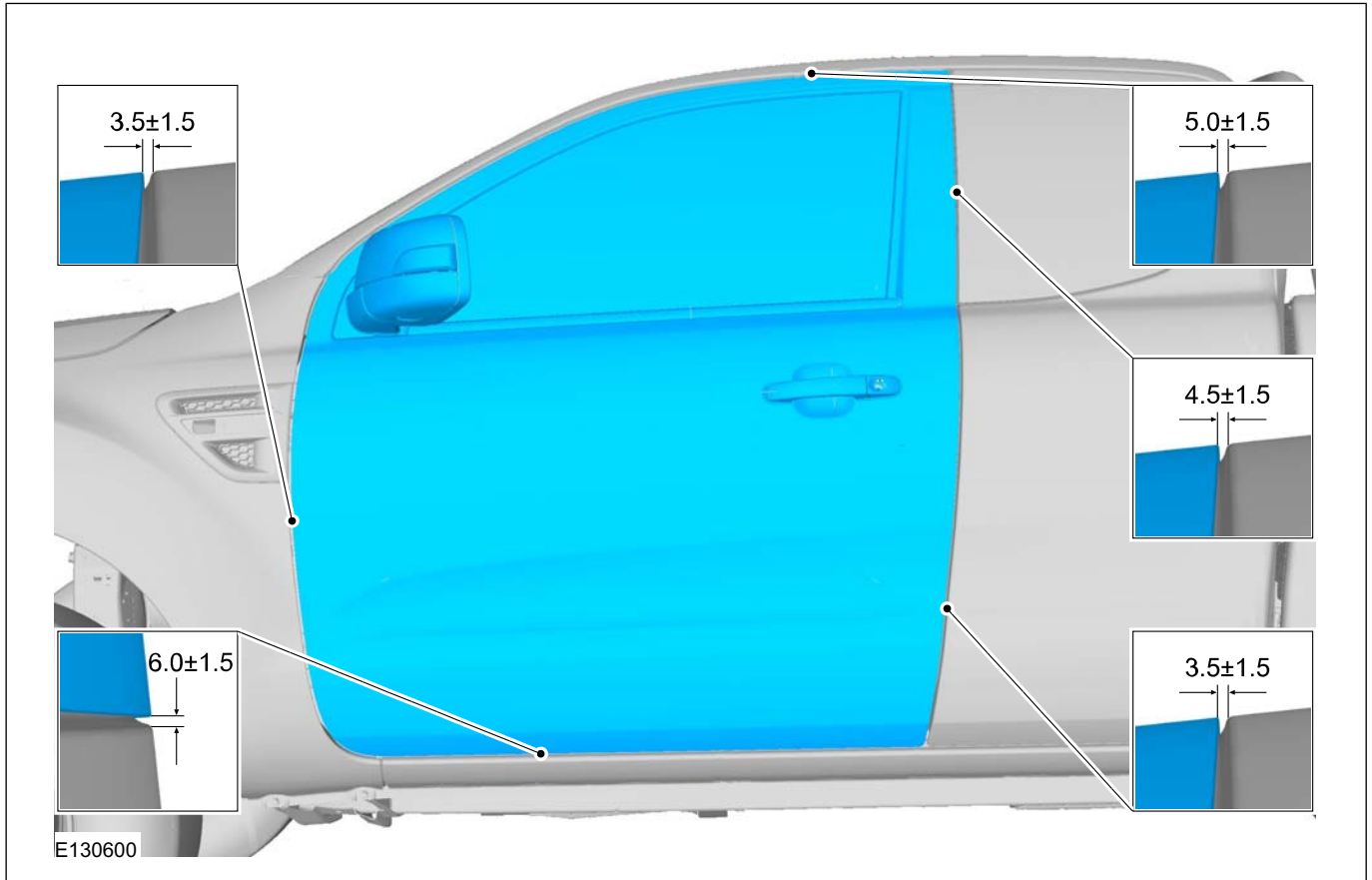
26. Torque: 20 Nm



27. NOTE: All the values are in mm.



GENERAL PROCEDURES

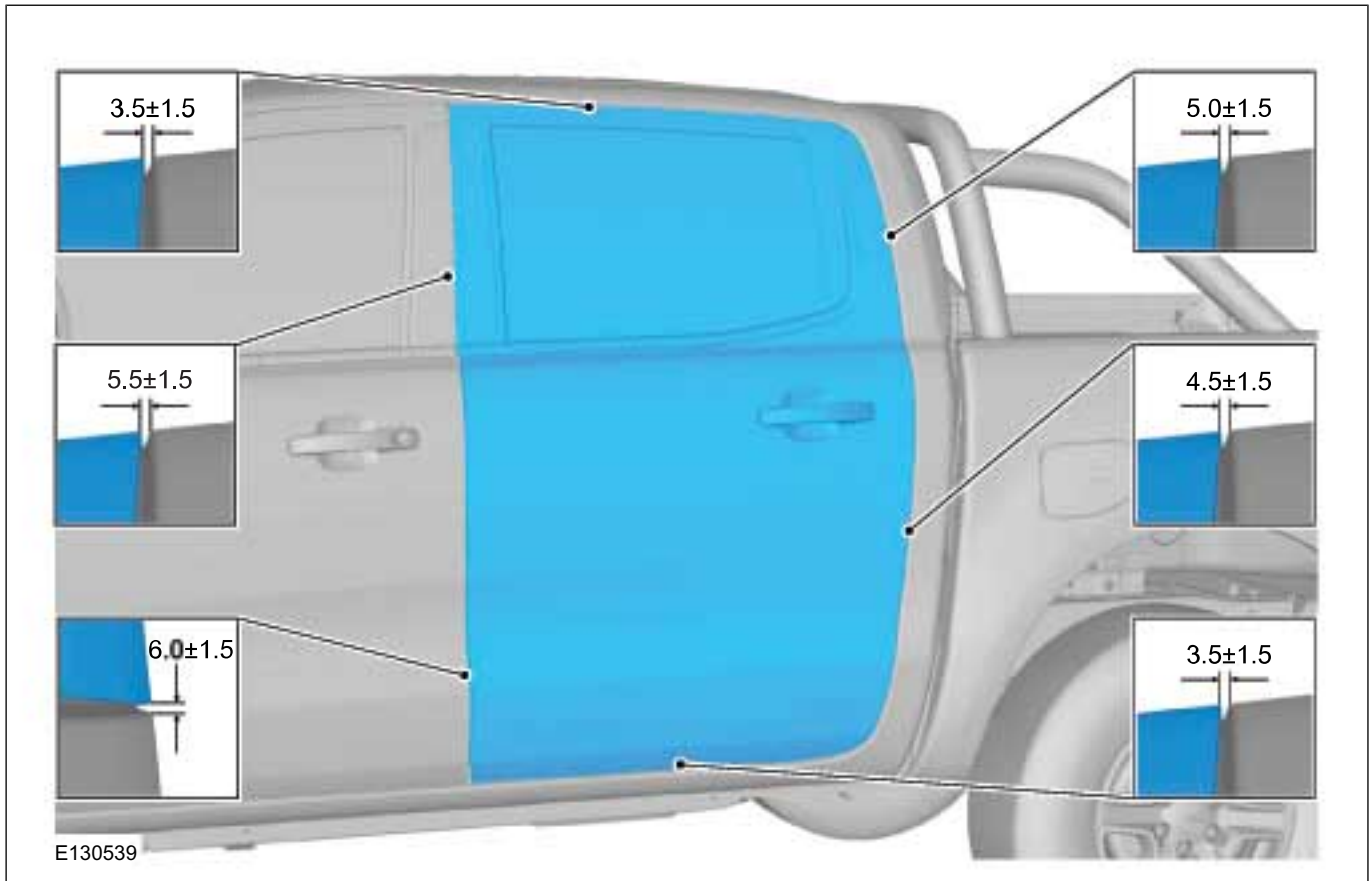


GENERAL PROCEDURES

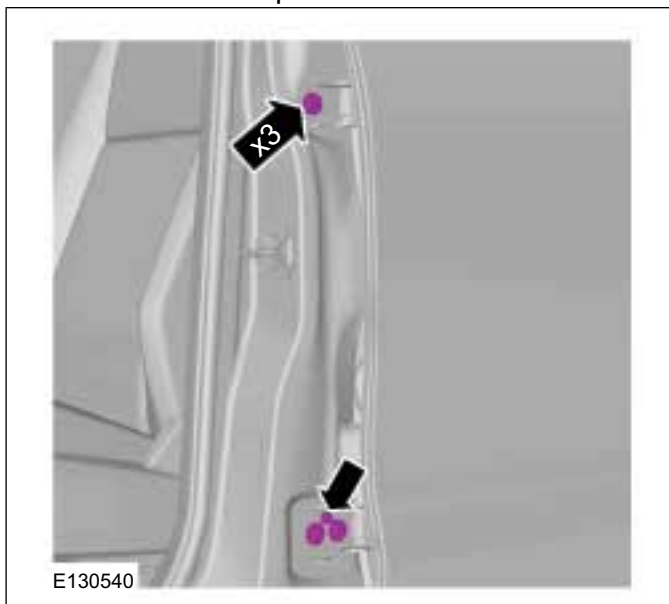
Rear Door Alignment — Double Cab

Activation

28. NOTE: All the values are in mm.



29. Loosen one complete turn.



30. Refer to: **B-Pillar Lower Trim Panel** (501-05 Interior Trim and Ornamentation, Removal and Installation).

31. Loosen one complete turn.

