

SECTION : 501-14 Handles, Locks, Latches and Entry Systems

VEHICLE APPLICATION : 2008.0 Falcon

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SPECIFICATIONS

Torque Specifications

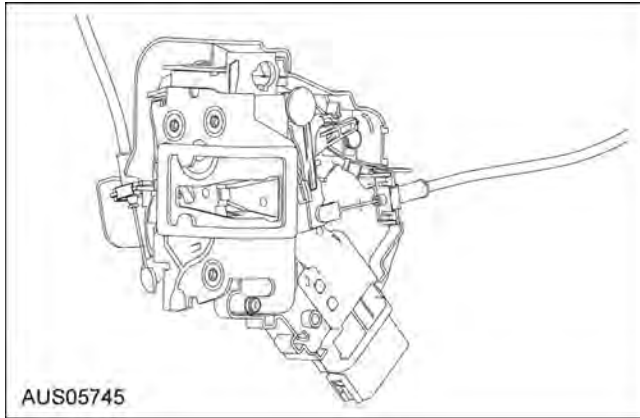
Description	Nm
Door Striker Fixings	15.0 ± 2.3
Door Latch Fixings	7.0 ± 2.3
Exterior Door Handle T-Nut Fixing	1.9 ± 0.3
Exterior Door Handle Cap Retention Slider Fixing	1.0 ± 0.2



DESCRIPTION AND OPERATION

Latches

Door Latch



Door latches have mechanical latch release with electric motor operated locking.

When the door is locked, the exterior door handles is disengaged from the door latch.

Incorporated within the door latch is a door ajar switch. The door ajar switch monitors the latch position and supplies information to the BEM for use in warning systems, locking functions and alarm system.

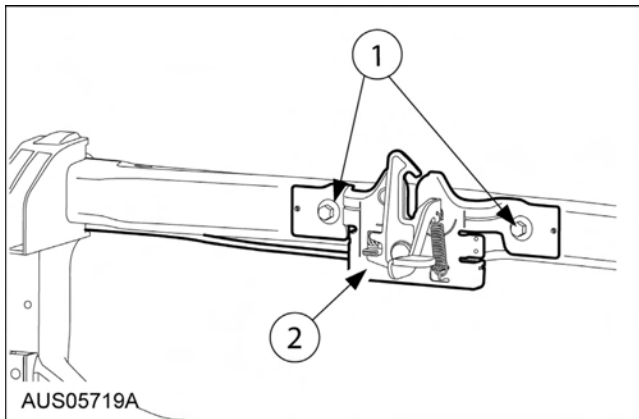


REMOVAL AND INSTALLATION

Hood Latch

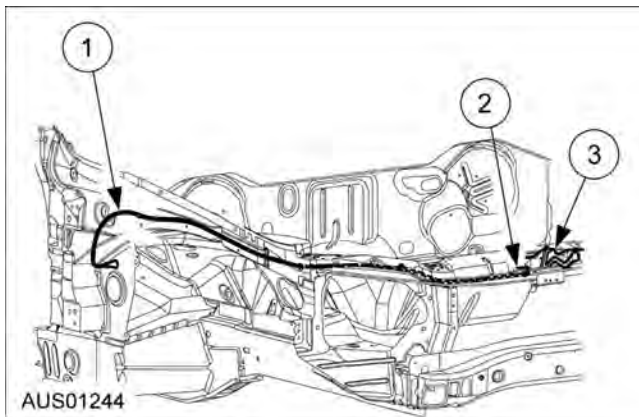
Removal

1. Open bonnet.
2. Remove the radiator grille. For additional information, refer to section 501-08 Exterior Trim and Ornamentation.
3. Remove the retaining bolts and disengage hood latch from the vehicle.



Item	Description
1	Bolts
2	Hood Latch Assembly

4. Disconnect latch operating cable.



Item	Description
1	Latch operating cable
2	Retaining clips
3	Bonnet latch assembly

5. Remove the alarm sensor retaining screws and remove from the latch (where fitted)

Installation

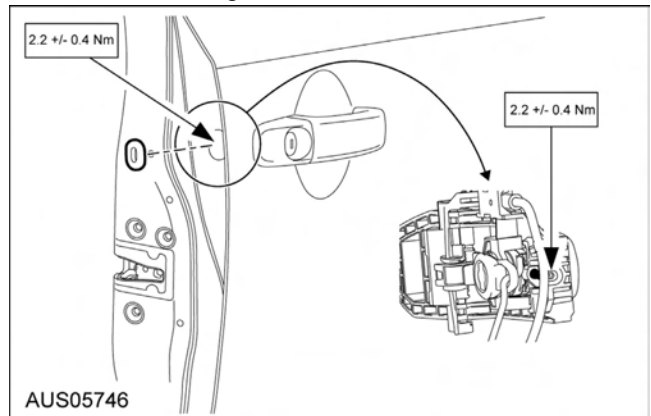
1. Reverse removal procedure.

Front Door Latch (Driver's Side Door)

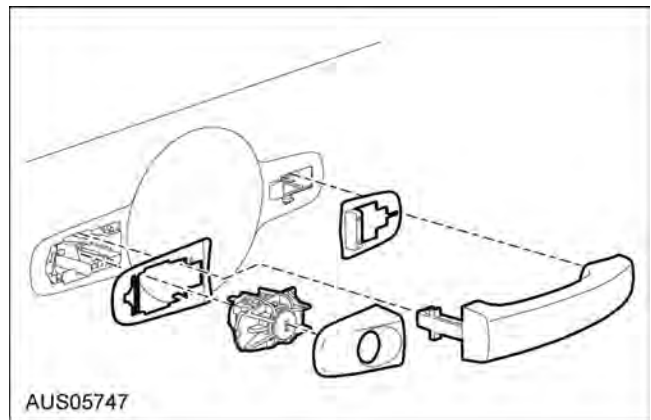
NOTE: For the passenger side door latch, use the same procedure, ignoring references to the key lock rod.

Removal

1. Remove the interior door trim panel.
2. Disconnect the interior release cable from the interior release door handle.
3. Ensure the window is fully up.
4. Remove door grommet.



5. Turn slider screw until the exterior door cap is loose and remove cap.

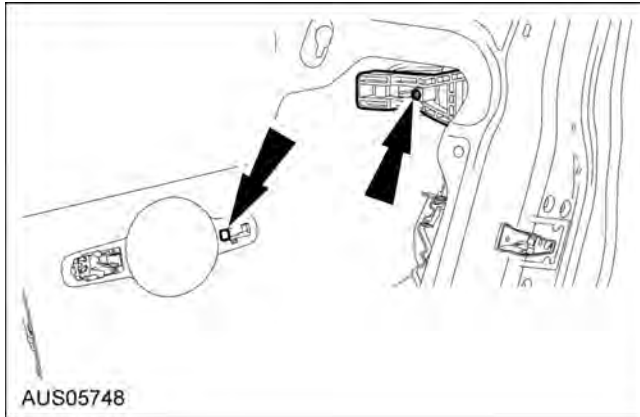


6. Slide out exterior release grab handle.
7. Remove the gasket seal.

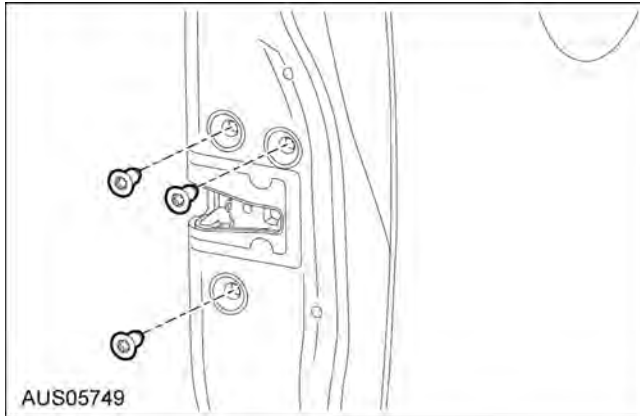


REMOVAL AND INSTALLATION (Continued)

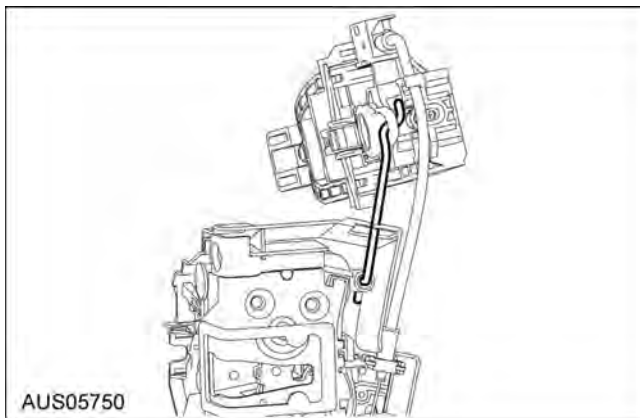
8. Loosen the T-nut.



9. Remove electrical connection on latch.
10. Remove latch fixings.



11. Slide out exterior release reinforcement and latch from door.
12. Disengage the latch lock rod from the exterior release reinforcement.



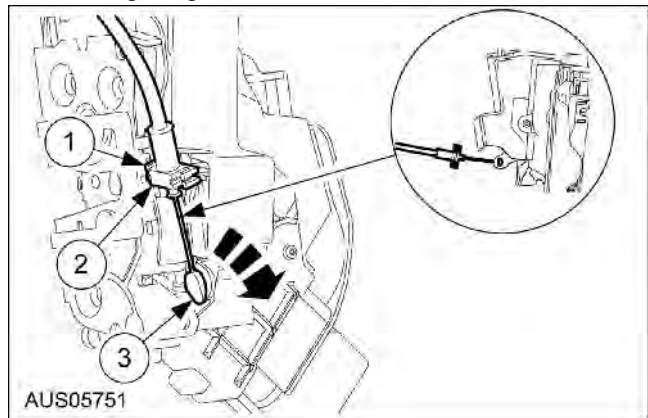
13. Remove door handle cables from latch.

Exterior Release Cable

NOTE: Do not kink the front exterior door handle remote control cable.

NOTE: In order to remove the front exterior door handle remote control cable from the front door latch lever the cable must be rotated.

1. Using a suitable screwdriver, release the front exterior door handle remote control outer cable locking tangs from the front door latch.



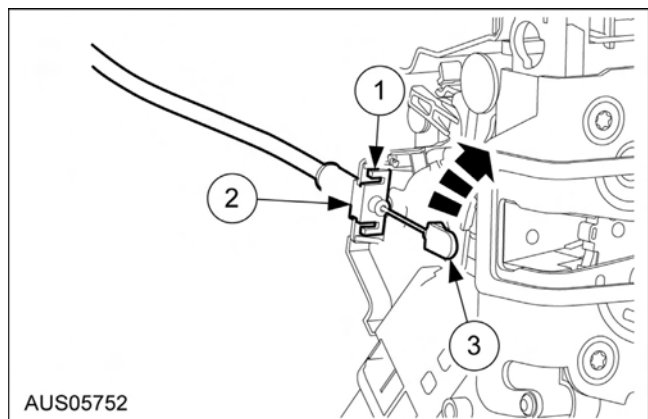
2. Detach the front exterior door handle remote control cable from the front door latch.
3. Rotate the front exterior door handle remote control cable.

Interior Release Cable

NOTE: Do not kink the front door latch remote control cable.

NOTE: In order to remove the front door latch remote control cable from the front door latch lever the cable must be rotated.

1. Using a suitable screwdriver, release the front door latch remote control cable locking tangs from the front door latch.



2. Detach the front door latch remote control outer cable from the front door latch.
3. Rotate the front exterior door handle remote control cable.

Installation

1. Reverse removal procedure.

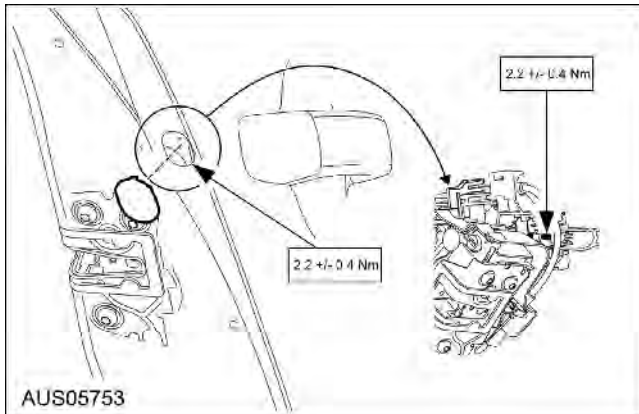
Rear Door Latch

1. Remove interior door trim panel.
2. Disconnect the interior release cable from interior release door handle.

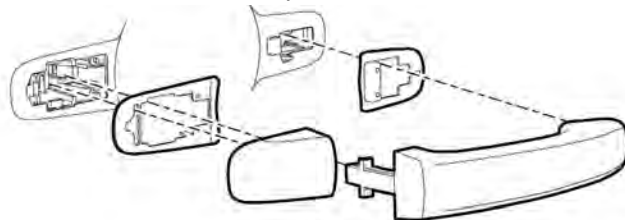


REMOVAL AND INSTALLATION (Continued)

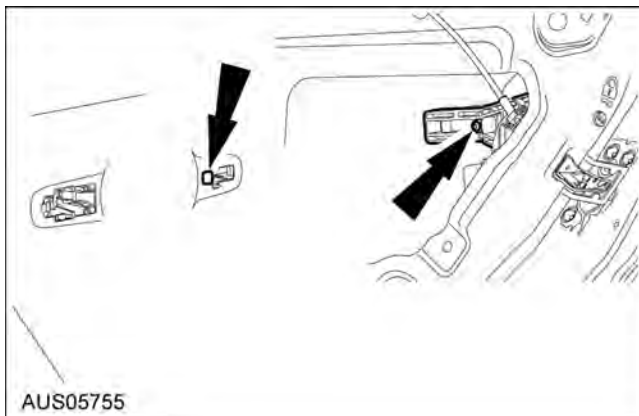
3. Ensure the window is fully up.
4. Remove door grommet.



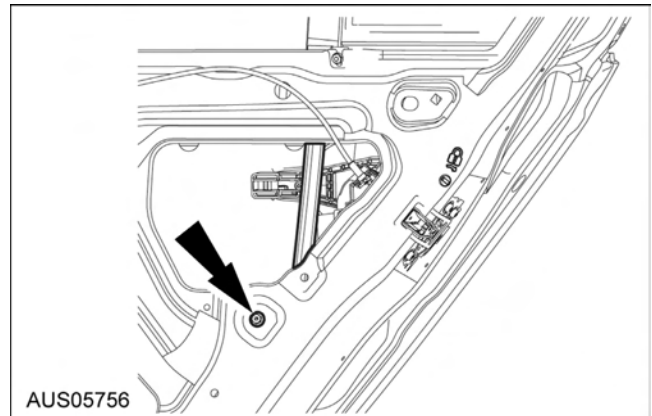
5. Turn slider screw until the exterior door cap is loose and remove cap.



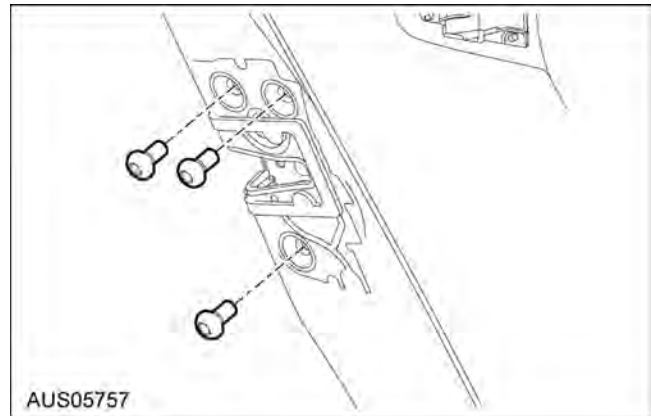
6. Slide out exterior release grab handle.
7. Remove gasket seal.
8. Loosen T-nut.



9. Remove Div-Bar



10. Remove electrical connection on latch.
11. Remove latch fixings



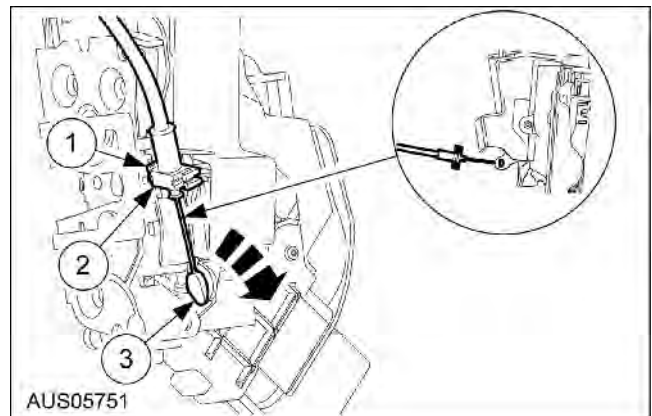
12. Slide out exterior release reinforcement and latch from door.

13. Remove door handle cables from latch

Exterior Release Cable

NOTE: Do not kink the rear exterior door handle remote control cable.

NOTE: In order to remove the rear exterior door handle remote control cable from the rear door latch lever the cable must be rotated.



REMOVAL AND INSTALLATION (Continued)

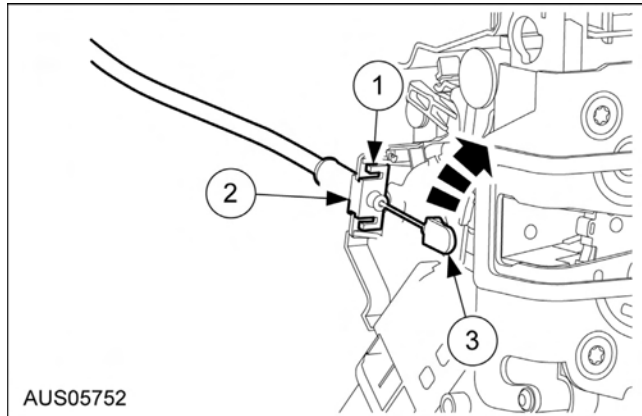
1. Using a suitable screwdriver, release the rear exterior door handle remote control outer cable locking tangs from the front door latch.
2. Detach the rear exterior door handle remote control cable from the rear door latch.
3. Rotate the rear exterior door handle remote control cable.

Interior Release Cable

NOTE: Do not kink the rear door latch remote control cable.

NOTE: In order to remove the rear door latch remote control cable from the rear door latch lever the cable must be rotated.

1. Using a suitable screwdriver, release the rear door latch remote control cable locking tangs from the rear door latch.



2. Detach the rear door latch remote control outer cable from the rear door latch.
3. Rotate the rear exterior door handle remote control cable.

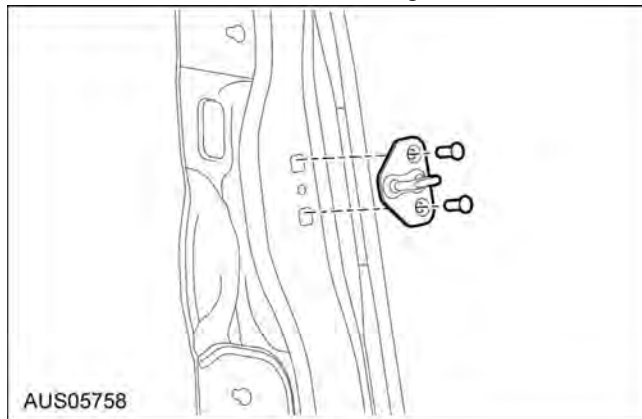
Installation

1. Reverse removal procedure.

Front Door Latch Striker

Removal

1. Remove striker as shown in figure.



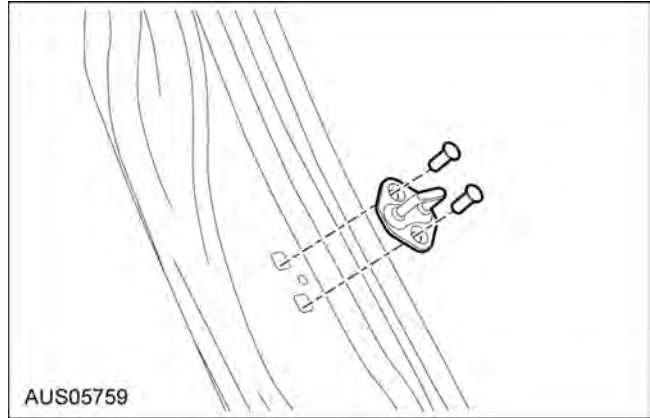
Installation

1. Reverse removal procedure.

Rear Door Latch Striker

Removal

1. Remove striker as shown in figure.



Installation

1. Reverse removal procedure.

Hood Latch Release Cable

Removal

1. Remove hood latch.
2. Disconnect hood release handle from instrument panel.
3. Pop out grommet on cowl side attached to cable.

Installation

1. Reverse removal procedure.

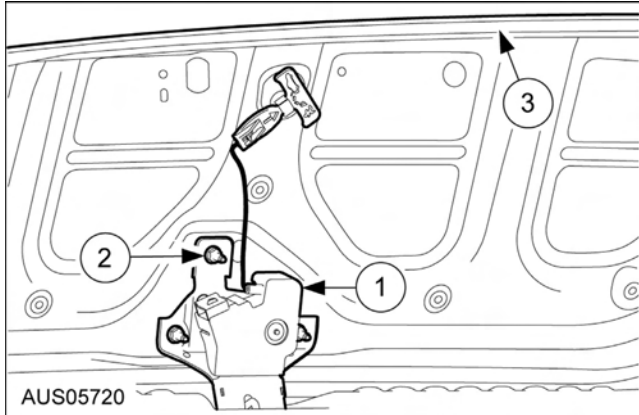


REMOVAL AND INSTALLATION (Continued)

Decklid Latch and Emergency Release Cable

Removal

1. Remove decklid trim if fitted. (Refer to Section 501-05.)
2. Remove decklid latch nuts.



Item	Description
1	Decklid latch and cable assembly
2	Nut
3	Decklid body

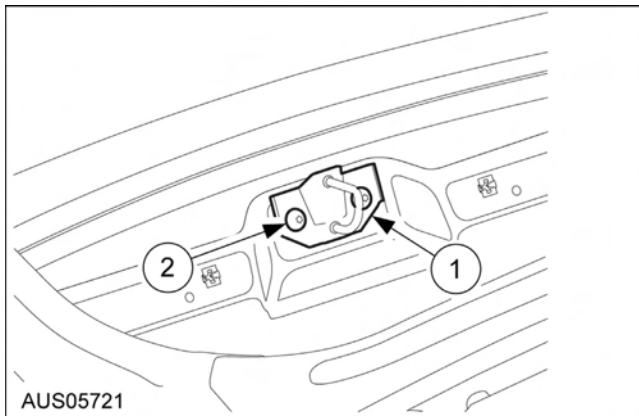
Installation

1. Reverse removal procedure.

Decklid Latch Striker

Removal

1. Remove cover lower back. (Refer to Section 501-05.)
2. Remove decklid latch striker bolts.



Item	Description
1	Decklid striker
2	Bolt

Installation

1. Reverse removal procedure.

Exterior Front Door Handle

Removal

1. Refer to "Front Door Latch (Driver's Side Door)" in this section.

Installation

1. Reverse removal procedure.

Exterior Rear Door Handle

Removal

1. Refer to "Rear Door Latch" in this section.

Installation

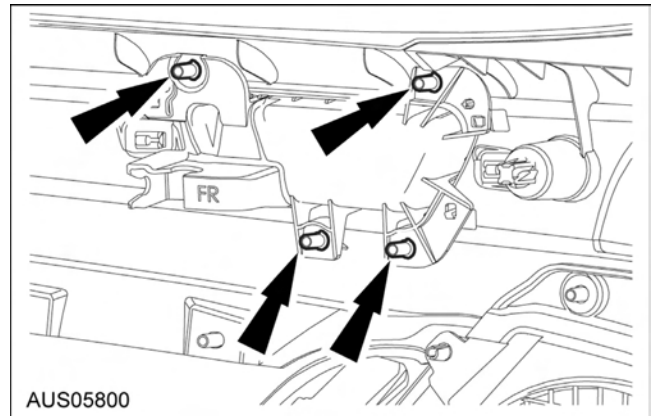
1. Reverse removal procedure.

Front Door Interior Release Handle

Removal

Although the front door interior release handle is heat staked to the front door trim, the lower half of the heat stake has been designed as a screw boss and the interior release handle can be serviced as follows:

1. Remove front door trim.



2. Being careful not take off too much material, drill or grind the mushroom head off the top of the 4 heat stakes which hold the interior release handle in place.
3. Remove the handle from the door trim.

Installation

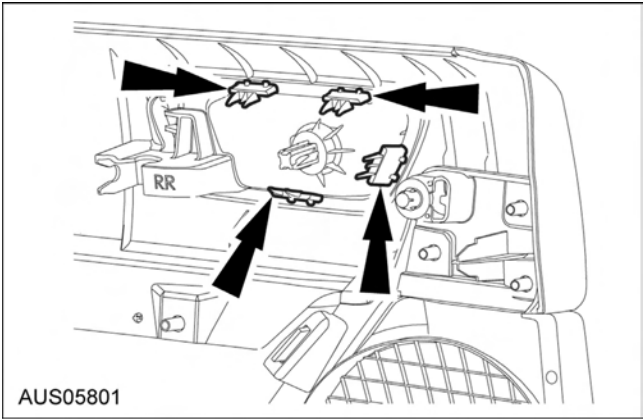
1. Attach the new handle to the door trim using 4 x V810197 S437 screws.
2. Install the front door trim.



REMOVAL AND INSTALLATION (Continued)

Rear Door Interior Release Handle

- Removal**
The rear door interior release handle can be serviced as follows:
1. Remove rear door trim.



2. Un-clip the interior release handle from the door trim. A flat blade screw driver can be used on the back of the trim to help disengage the clips.
3. Remove the handle from the door trim.

- Installation**
1. Clip new handle into position.
 2. Install the rear door trim.

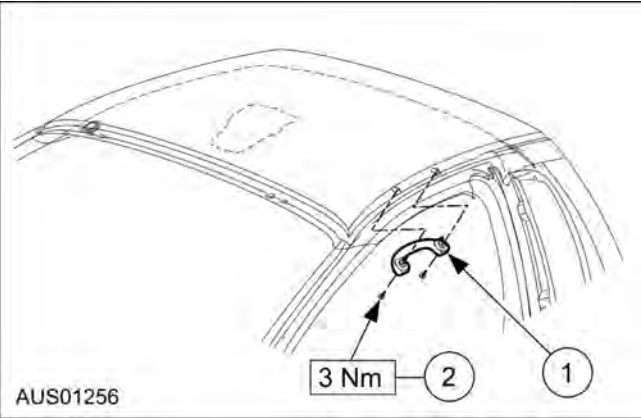
Ignition Lock

- Removal**
1. Insert the ignition key and turn it to the '1' position.
 2. Depress the pin in the steering column lock housing and withdraw the lock assembly.

- Installation**
1. Insert the ignition key and turn it to the '1' position.
 2. Align the lock in the column housing, depress the pin and push the lock into the housing until the pin snaps into its locating hole.

Grab Handles - Ute

- Removal**
1. Remove grab handles as shown in figure.

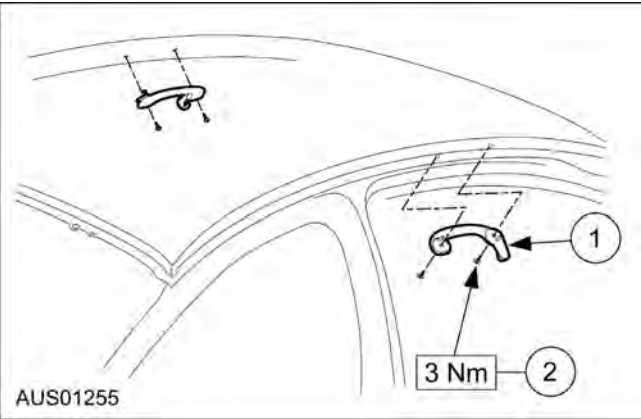


Item	Description
1	Grab handle
2	Screw

- Installation**
1. Reverse removal procedure.

Grab Handles - Sedan

- Removal**
1. Remove grab handles as shown in figure.



Item	Description
1	Grab handle
2	Screw

- Installation**
1. Reverse removal procedure.



DISASSEMBLY AND ASSEMBLY

Door Locks

2008 Orion Falcon door locks are built to a higher level of security and are not considered a serviceable item. It is recommended that a damaged lock is replaced as a new unit.

Ignition Lock

2008 Orion Falcon ignition locks are built to a higher level of security and are not considered a serviceable item. It is recommended that a damaged lock is replaced as a new unit.

