

For Installation on Driver's Side Only

Instruction Manual


Tailgate Assist
Ford F-150 1997-2003
SuperDuty 1999-2013



 Torx Wrench

 Ball Mount Plate



 Blind Nut Tool

 Ball Mount

 Blind Nut

Parts Included:

1 Thread Lock Tube
1 Shock
1 Ball Mount Plate
1 Blind Nut Tool
1 Ball Mount
1 Blind Nut/Nutsert
1 Torx Wrench
1 Mylar

Tools Required:

T-50 Torx
M6 Allen Wrench
16mm Wrench
13mm Wrench
Tape Measure
16mm Deepwell Socket
SuperDuty Tools Required:
8mm Wrench
11mm Wrench

Note: This product is only installed on the driver's side.

Step 1: Adjust the nutsert tool so there is 3/4" from the washer to the head of the bolt.



Step 2: Using an M6 Allen wrench and a 13mm wrench, install the blind nut in the opening by the tailgate pivot point. The nutsert should be tightened at least 9 360 degree turns. Mark one side of the nut and count the number of revolutions to ensure the correct number of turns. After the 9 turns, if the blind nut can still be moved or rotated, continue tightening an additional 1 to 2 turns. Re-check blind nut and repeat as needed.

Remove the nutsert tool when installation is complete.

Warning: Overtightening the nutsert can strip the threads and cause the nutsert to be nonfunctional.



For Installation on Driver's Side Only

Step 3: Apply thread lock to the threads of the ball mount. Install the ball mount into the nutsert using a 16mm wrench/socket. Torque to 12ft-lbs with 16mm deepwell socket.



Using a torque wrench to install the ball mount will also ensure that the blind nut has been completely installed.

Step 4: Remove the tailgate cable from the bolt.



Use a T-50 Torx socket or the wrench included to remove the cable bolt.

Install the bolt back through the hole in the ball mount into the vehicle.



Tighten the bolt with the T-50 Torx socket.

Step 5: Using an 8mm wrench or socket, remove the 2 bolts holding the taillight in place.

There will still be 2 clips holding the taillight in place. Pull the taillight toward the rear of the vehicle to remove it.

Inside the taillight opening, use an 11mm socket to remove the 2 nuts holding the rubber block in place.

After removing the rubber block, reinstall the taillight

Warning: If the rubber block is not removed, it will interfere with the shock.

For Installation on Driver's Side Only

Step 6: A Mylar sheet is included to help prevent the components from rubbing against the truck bed and tailgate in the event that any part becomes loose. Use scissors to cut the mylar to the size needed. Apply the mylar to the truck bed and tailgate where the tailgate assist components will be in close proximity during opening and closing.

Step 7: Install the cable back onto the cable bolt, and the larger part of the shock on the ball mount plate.



Install the narrow end of the shock on the ball mount.



Periodically check the upper and lower mounting locations to ensure that parts have not loosened from repeated use. If either mounting location is found to be loose, re-tighten the hardware as needed.