

DST DFM001 Installation Instructions

Please read through the entire instructions before beginning install. Double check that you have all of the pieces required in your package before putting your car on jacks.

Tools required:

- 1/4" ratchet
- 3/8" ratchet
- 1/2" ratchet
- Impact gun 1/2 inch Torque rating 500 ft lbs min.
- Sockets from 1/4" through 15/16"
- Sockets from 10mm through 28mm
- Door panel removal tool
- Phillips head Screw Driver #2
- Flat Head screw driver
- Torx Drivers

Pieces Included:
10 Upper Cab Mounts (Taller)
2 Upper Core Support Cab Mounts
12 Lower Cab Mounts
2 Washers



Instructions:

1. Disconnect the battery to the vehicle
2. Make sure the vehicle is on a stable flat working area such as a paved driveway
3. Place vehicle in park, lock the parking brake and place chocks under the front and rear of at least one tire.
4. Locate 12 mounts on the vehicle, there will be 2 at the front of the vehicle, 2 under the passengers and drivers side floor board, 2 under the passengers and drivers rear passengers' seat, and 6 in the third row and cargo area of the vehicle.
5. Locate the door panel removal tool, and starting on the driver's side of the vehicle begin removing the plastic door step covers. You will need to repeat this for all 4 pieces. As they are specific to the area they came from it is recommended that masking tape is used to identify where the part has been removed from.
6. Starting at the rear of the panel there is a plastic snap which locks the door sill to the panels in front and behind the sill. Carefully lift the end of the sill and using the door panel removal tool pry up on the metal clip and free it from the plastic grommet in the floor.





7. Once all of the sill panels have been removed the kick panels on the passengers and drivers side of the vehicle can be removed. Locate the plastic rivet and using the door panel removal tool slip it behind the head and gently pry back on the rivet. This rivet is approximately 1" in length and will need so additional tugging once the tool has removed it as far as possible.



8. Once the rivet has been removed pull on the part in parallel to the length of the vehicle to free the last 2 metal clips from the door frame. Placement of clips can be seen below in the image.



9. Repeat this process for the passenger's side of the vehicle, be cautious as the fuel pump reset button and wiring are stored behind this panel on the passenger's side.
10. At this point it is now possible to fold back the carpeting and locate the 2 black rubber covers on the passengers and drivers side foot well.
11. Remove these covers and below them is the bolt for the body mounts, using an impact socket and impact gun remove these two bolts, label them and place them aside for re-assembly.
12. In the second row of seats on the bracket holding the seats to the floor are a plastic covers which match the color of the carpet.



13. In the middle of these is a plastic rivet holding them in place. To release these rivet using a #2 screw driver press the center of the part in so the pin is recessed.



14. Then using the door panel removal tool gently lift the rivet out. Exposing the Torx bolts.



15. Once these have been removed proceed to unbolt the center row seats using a t55 Torx bit.



16. Repeat the process for the passenger's side rear set frame and seat belts.



17. If equipped remove the third row of seats from the vehicle. For additional information regarding this process please refer to you vehicles Owner's Manual.

18. Between the rear seat and the third row of seats is a depression in the floor, on this is a plastic panel which is held to the floor with several metal clips.



19. Using the same method methods in instruction 6 lift and remove this panel.



20. At this point the carpet can be folded forward towards the front of the vehicle exposing 2 more mounts in the middle of the vehicle. Using the appropriate sized socket remove the bolt on the passengers and drivers side of the vehicle.



21. Moving to the rear of the vehicle proceed to use the method listed in instruction 6 to gently lift and remove the door sill located under the barn doors.



22. Using a T-27 Torx bit remove the screws from the middle of the sit down points in the rear cargo area of the truck.



23. Remove spare tire from the rear cargo area, for additional information on doing this refer to the original owner's manual.
24. Under the spare tire will be 3 bolts, using a 5/16" socket remove the bolts and lift the plastic cover out of the way.





25. Once this been completed it is now time to lift the carpet out of the cargo area, this will expose the rubber covers for the remaining 6 mounts. Remove the rubber and loosen and remove the bolts.



26. Under the rear of the vehicle you will see the factory installed hitch and the fuel tank. The Fuel tank will need to be removed to access 2 of the mounts.





27. Remove as much fuel as possible from the tank to make it as light as possible.
28. Using a side base jack or other such stable lifting device, locate it in the middle of the skid shield and raise the device until weight is removed from the fasteners.
29. Using a socket and extensions remove the 4 bolts, 2 worm drive clamps and vent and filler hoses from the tank. Note: on some vehicles the fuel lines may be hard plumbed, in this situation it is recommended to carefully and safely discharge the pressure and separate the lines at a factory joint. For additional information on this process please contact an authorized Ford Dealer and local laws regarding the proper disposal of fuel.





30. Note: The front 2 mounts have not been removed yet, do not remove these mounts this 2 mounts will help ensure the body does not move while lifting the rear of the body off the bushings.
31. Prior to lifting the body remove the lower portion of the mounts, ensure to keep them organized and do not discard, the metal portions will be removed and re-used.
- a. In the case of the 2 mounts in front of the fuel tank it is necessary to lift the body in order to gain enough space to remove the lower section of the mount. **It is critical that extreme caution is used in this area and all areas where a person will be working under the vehicle.**
32. Locate a safe and strong lifting point using a jack carefully lift the body until there is approximately 2.5 inches of space above the mount you will be working on.
33. Remove the upper mount from between the body and the frame perch





34. In most cases it is possible to simply pull the rubber off the metal sleeve, in some cases it might be necessary to use a mallet to remove the metal sleeve. If using the mallet approach place the mount into a vice and grip it on the rubber with the large metal disc hanging below the vice jaws. Using a mallet strike the middle metal section protruding from the mount firmly, the metal should slide down and out of the rubber. At this point it should be possible to remove the piece by hand.



35. Once the rubber has been removed discard it and slide the new Daystar mount into place.



36. For the lower mount it will be necessary to remove the metal from the rubber by using a knife and cutting around the perimeter of the mount along the seam. Once this has been done it will be possible to simply pull the metal from the rubber mount. Note the position and orientation of the rubber mount prior to removal. Once removed place the new mount from Daystar onto the metal in the same orientation.



37. Re-install the units into the vehicle in the same manner and orientation as they were removed, and install the bolts hand tight. It is important to not tighten the bolt beyond the first few threads as it will prevent the body from being separated from the frame.

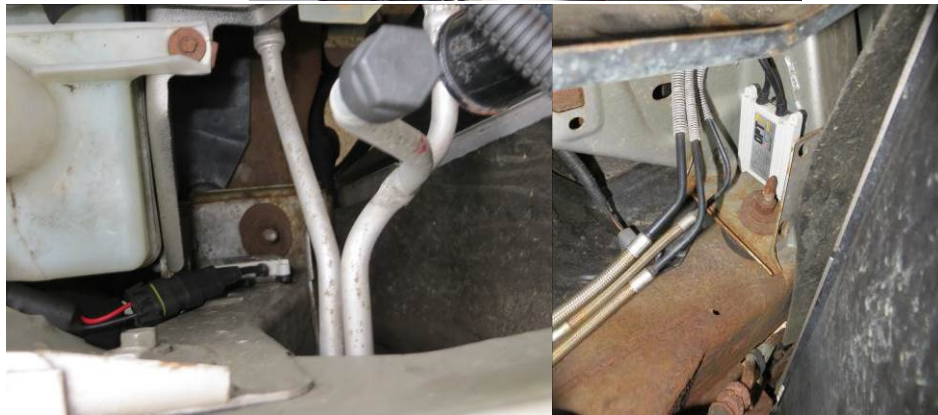


38. Working from the rear of the vehicle forward repeat this process until the front floor foot well is reached. At this point it will be necessary to remove the front 2 mounts located under the hood.

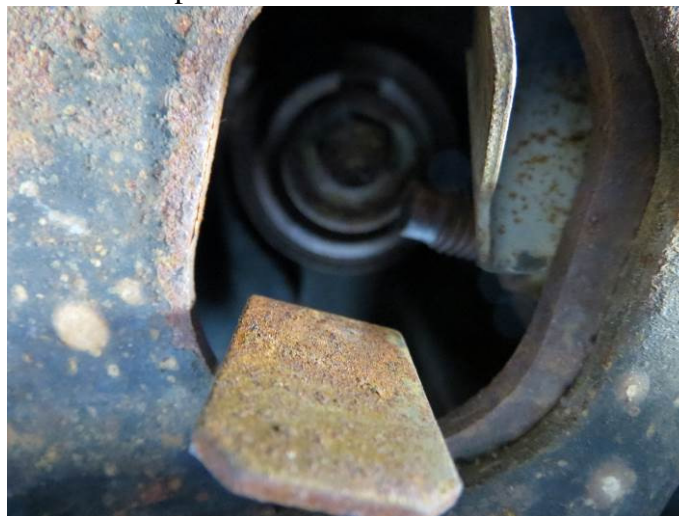
39. For this section it is possible to do it without removing the front bumper however since the front bumper will likely require re-alignment it is recommended to remove the bumper.
40. In the front of the bumper to the outside of the recovery loops will be 2 bolts, as well as in the fender well there will be a bolt which holds the bumper on. 6 in total.
41. Remove the bolts in the fender well first. One will be located on each side of the vehicle, then move to the front 4 bolts. Note there will be a metal plate behind the bumper which the bolt thread into. Be sure not to lose this as it will be required for re-assembly.
42. Once the bumper has been removed, unbolt the 2 recovery loops, and place them aside.



43. Under the hood of the vehicle next to the radiator mount is a nut over the top of the mount, remove these nuts first.
- a. For the driver's side it will be necessary to remove the air filter housing assembly and the support bracket. This can be done with 3 13mm bolts.



44. Once these have been removed locate a oval hole in the frame directly opposite of these nuts. Using a 19mm socket, a medium extension, a universal and a long extension unbolt the bolt securing the mount. Repeat for both sides.



45. Locate a place by the front floor foot well to lift the front of the body, and remove the mounts which are no longer touching.



46. Using a pick up magnet with a 3 lbs capacity reach down the frame rail and recover the lower portion of the mount.



47. Replace rubber using methods described previously in this instruction and replace the unit in the same manner as it was recovered.



48. Once all of the mounts have been replaced proceed to torque the to 80 ft lbs as per Ford's recommended torque specifications.
49. Refer to the instructions for disassembly to re-install the interior in the vehicle. For proper torques for all seat frame bolts and other components please contact your local dealer to attain torque ratings.

