

Nice write up. But “Blackjeep” found error, the correct water pump bolts torque is 18 ft-lbs. Not to 35-46 ft-lbs

<http://www.thedieselstop.com/contents/getitems.php3?99%2B%20PSD%20Water%20Pump%20Replacement>

YouTube Video “how to”

<http://www.youtube.com/watch?v=3O0fzkizuI0>

Also See pages below out of service manual.

SECTION 303-03: Engine
Cooling

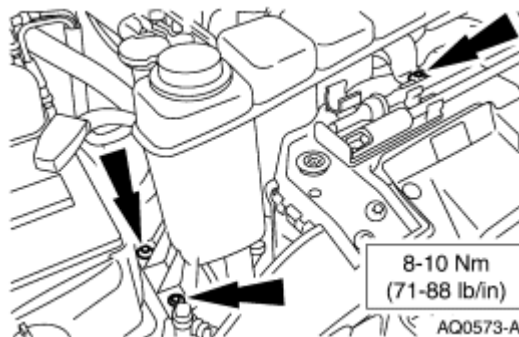
2001 F-Super Duty 250-550/Excursion/F-53
Motorhome Chassis Workshop Manual

REMOVAL AND
INSTALLATION

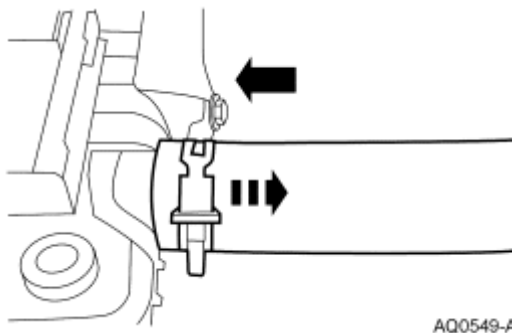
[Procedure revision date: 11/02/2002](#)


Cooling Fan — Blade, Clutch and Shroud

1. Drain the cooling system. For additional information, refer to [Cooling System Draining, Filling and Bleeding](#) in this section.
2. Remove the three bolts and position the degas bottle out of the way.

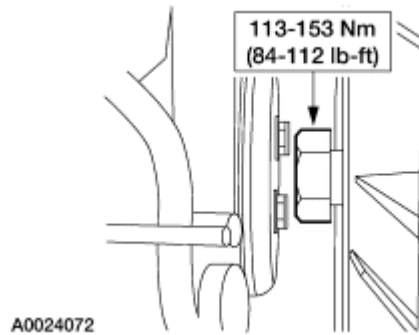


3. Squeeze the clamp, pull the hose off and position the upper radiator hose out of the way.



4.  **CAUTION: The large clutch assembly nut has a right-hand thread and must be rotated counterclockwise to remove it.**

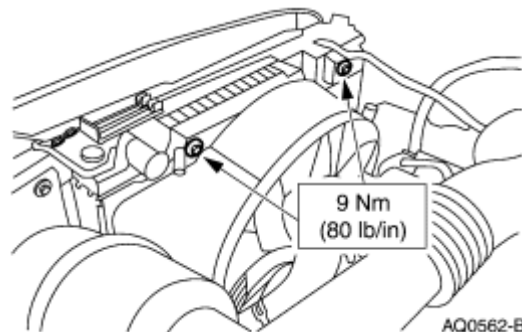
Using the special tool, remove the fan and fan clutch from the water pump pulley.



5. Carefully position the fan and the fan clutch into the shroud.



6. Remove the bolts, the shroud, fan and clutch.



7. To install, reverse the removal procedure.

SECTION 303-03: Engine
Cooling
REMOVAL AND
INSTALLATION

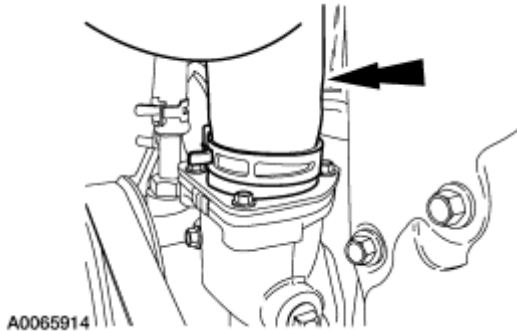
2001 F-Super Duty 250-550/Excursion/F-53
Motorhome Chassis Workshop Manual

[Procedure revision date: 08/28/2002](#)

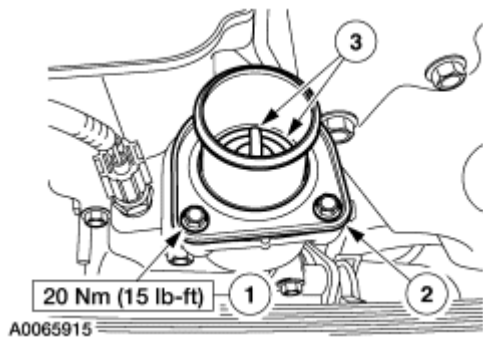
Water Pump — 7.3L Diesel

Removal and Installation

1. Drain the cooling system. For additional information, refer to [Cooling System Draining, Filling and Bleeding](#) in this section.
2. Remove the cooling system fan and fan clutch. For additional information, refer to [Cooling Fan — Blade, Clutch and Shroud](#) in this section.
3. Disconnect the upper radiator hose from the water pump outlet tube.

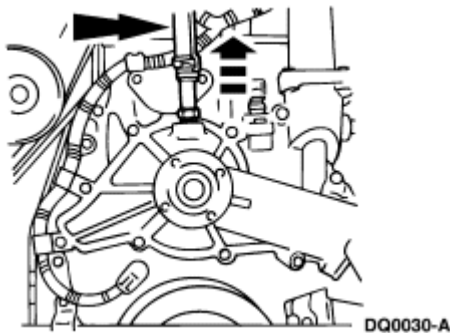


4. Remove the thermostat and housing.
 1. Remove the three water outlet bolts.
 2. Remove the thermostat housing.
 3. Remove the thermostat and O-ring.

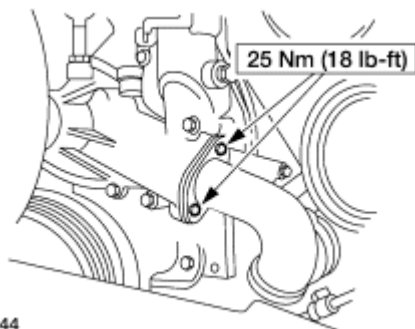


5. Remove the accessory drive belt. For additional information, refer to [Section 303-05](#).
6. **NOTE:** The water pump pulley is removed for clarity.

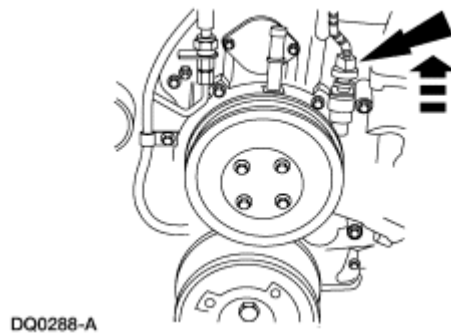
Disconnect the heater hose from the water pump.



7. Remove the two bolts and the water outlet tube.

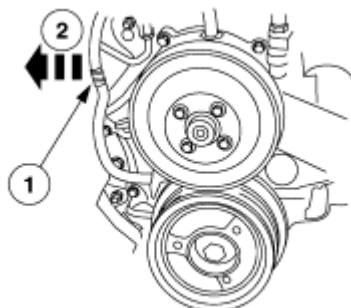


8. Disconnect the engine coolant temperature (ECT) sensor connector, if equipped.

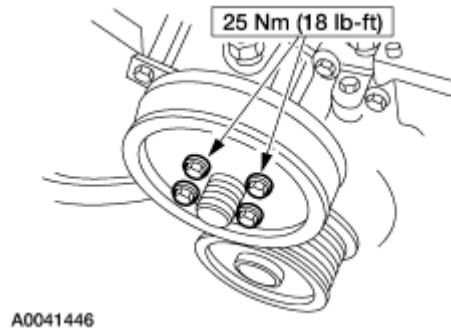


9. Disconnect the camshaft position sensor electrical harness from the water pump.

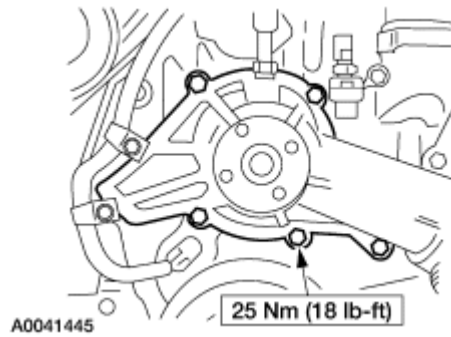
1. Remove the bolt.
2. Disconnect the pin-type retainer and position the harness away from the water pump.



10. Remove the four bolts and the water pump pulley.



11. Remove the six bolts and the water pump.



12. Clean the water pump gasket surfaces.

13. To install, reverse the removal procedure.