



Shop: (573) 334-2632 Toll Free: (888) 334-2632

2210 Broadway Cape Girardeau MO 63701

www.NationsStarterAlternator.com

FMK4892V-8WP

2011-2012 Ford Super Duty

6.2L Triton Gas

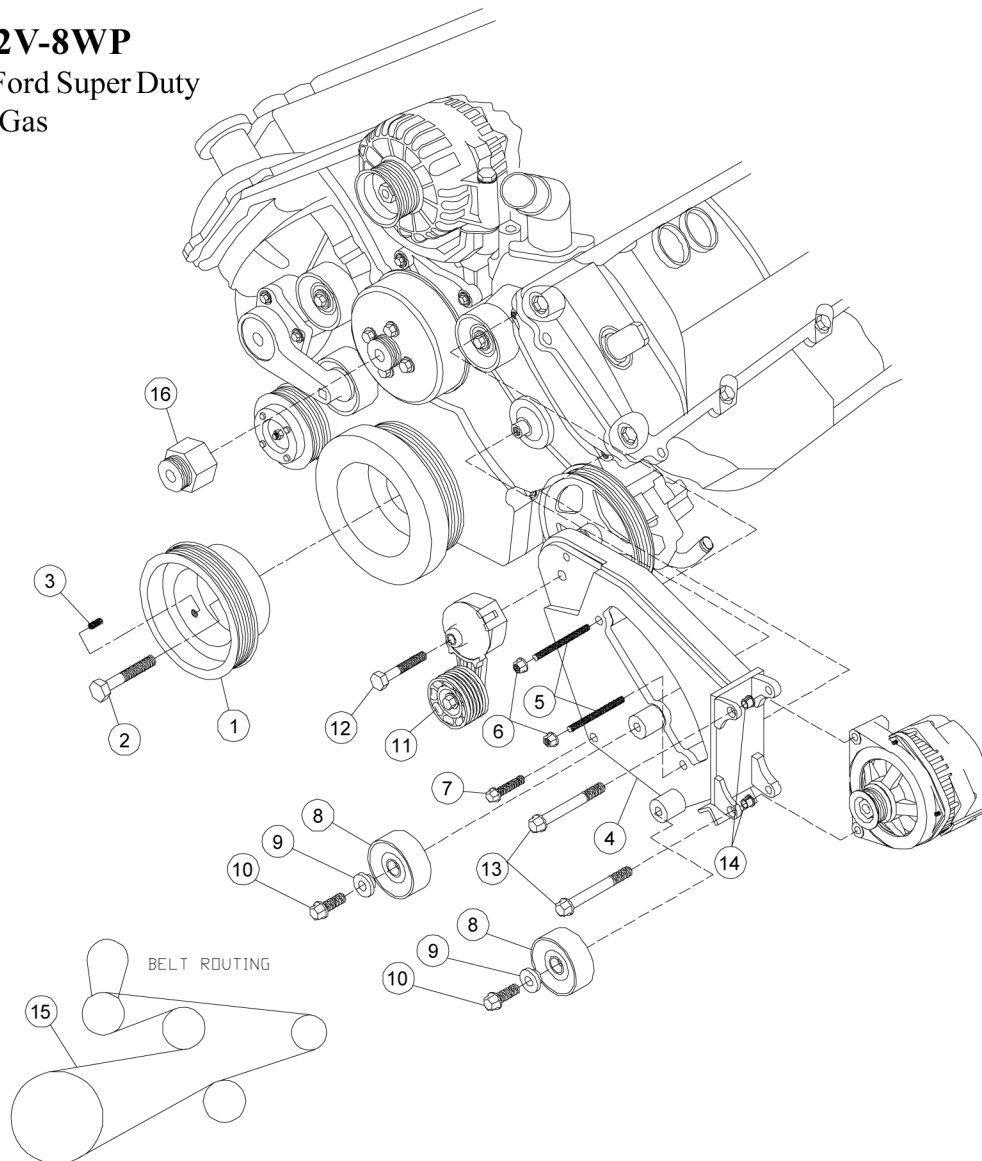
INSTALLATION NOTES

1. Disconnect the battery and drain engine coolant. Remove the fan and upper radiator hose, fan has right hand threads. (It is not necessary to remove the fan from the fan shroud, but care must be taken not to damage the radiator). Remove the damper bolt and clean any silicon or dirt from the damper pilot. Install the alternator drive pulley (1) using bolt (2). Torque the bolt to 150-160 ft. lbs. Install set screws (3) into the pulley using a mild grade of loc-tite and turn them in until they just make contact with the damper. Tighten them 1/8 turn at a time until you reach 35-40 **Inch lbs.** NOTE: (ALLEN BOLTS MUST BE TIGHTENED EVENLY).
2. Install new water pump(33) according to water pump installation sheet. Remove the clip holding the hose onto the radiator reservoir and remove the hose. Remove the power steering reservoir from the fan shroud and drain the fluid. Relocate the ABS module rearward. If vehicle has vacuum boost brakes use included hardware (17-21) if needed. Remove the top two bolts from the drivers side timing cover and install the studs (5). Install the auxiliary alternator onto the bracket (4) using bolts (13) and slide bushing (14). Install the bracket assembly onto the engine with the bottom bushing going over the unused idler location on the timing cover using bolt (7) and nuts (6). Tighten securely. Install the idlers (8) using bushings (9) and bolts (10). Install tensioner (11) using bolt (12). Install the belt (15) as shown in diagram.
3. Replace the upper radiator hose to its original location. Using hose hardware (22-25), reroute the radiator reservoir hose. Approximately 1" can be cut from the nipple on the reservoir to let the 90 degree elbow go on further and gain more clearance to the alternator. Install the power steering reservoir hose extension (26,27) using clamps (28). Replace and refill the reservoir. Use hose clamp (29) to secure the power steering hose to the bracket just below the alternator mount. Install the fan spacer (16) and fan.
4. Make certain all wires and hoses will not come in contact with any hot or moving parts. Run the engine and check for proper belt tracking.

FMK4892V-8WP

2011-2012 Ford Super Duty

6.2L Triton Gas



PARTS LIST

1. FPC488 (1)
2. 14mm x 120mm (1)
3. 8mm x 16mm Set Screw (3)
4. FMP 4892V-8 (1)
5. 8mm x 130mm Stud (2)
6. 8mm Flange Nut (2)
7. 8mm x 50mm Flange Bolt (1)
8. 89016 Dayco (1)
9. FMB 480 Alignment Bushing (1)
10. 10mm x 30mm Flange Bolt (1)
11. 89213-8 Tensioner (1)
12. 12mm x 65mm Short Head (1)
13. 10mm x 80mm Flange Bolt (2)
14. 1255-0090 Slide Bushing (2)
15. 5080745 (1)
16. FSK 6.8A (1)

ITEMS 17-21 (ABS BRAKE MODULE KIT) NOT SHOWN

17. FMB 481 (Module Bracket) (1)
18. FMB 482 (Module Bracket) (1)

19. FMB 483 (Module Bracket) (1)

20. 8mm x 20mm Flange Bolt (1)

21. 8mm Flange Nut (3)

ITEMS 22-25 (COOLANT HOSE KIT) NOT SHOWN

22. FMB 484 (Coolant Hose Extension) (1)

23. 4200-16-16 Hose Barb (1)

24. #16 Hose Clamp (3)

25. #20 Hose Clamp (2)

ITEMS 26-29 (P.S. HOSE KIT) NOT SHOWN

26. 4' of 3/4" Oil Hose (1)

27. 4200-12-12 Hose Barb (1)

28. #12 Hose Clamp (2)

29. #20 Hose Clamp (1)

ITEMS 30-33 (WATER PUMP KIT)

30. FMB 485 (1)

31. 10mm x 20mm FHSCS (4)

32. 8mm x 50mm Flange Bolt (4)

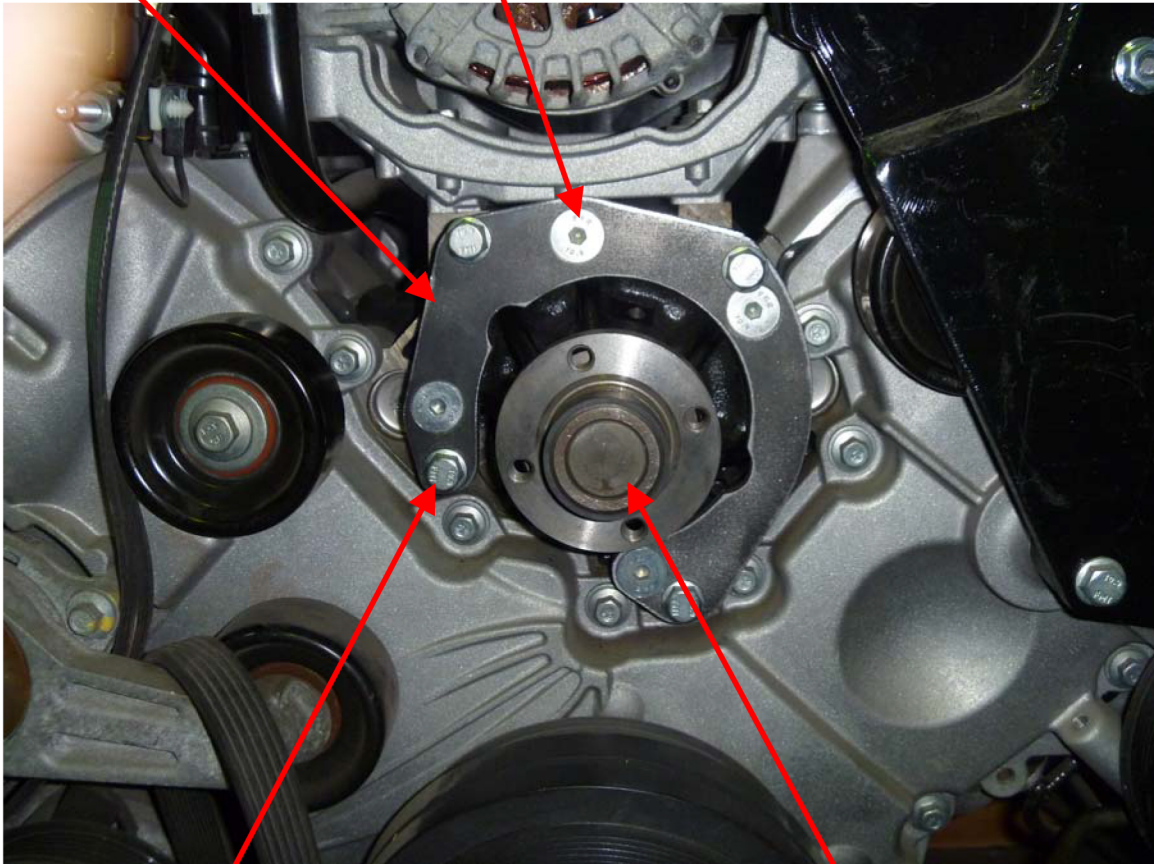
33. 6.8L Water Pump (1)

Water pump installation

1. Remove existing water pump.
2. Install new water pump(33) to water pump adapter(30) using bolts(31)
3. Install new pump assembly to engine using bolts(32)

Item #30-FMB485

Item #31-10mm x 20mm FHSCS



Item #32-8mm x 50mm Flange Bolt

Item #33- 6.8L water pump