

## INSTALLATION NOTES

1. The buyer is responsible for providing trained and experienced installation decision making with technical know-how to apply professional judgment that specifically applies to each individual installation.
2. Be sure to read and understand all available information including but not limited to instructions, warnings, sales terms, and warranties for the vehicle and all system components prior to attempting installation.
3. Disconnect batteries. Remove the air cleaner from the passenger side and the charge air tube from the driver's side. Remove the P/S reservoir from the fan shroud and lay aside. It is not necessary to drain any P/S fluid. Remove the top half of the fan shroud. Unplug the fan wire and remove the fan. Fan nut has right hand threads. Remove the top two fan diffuser nuts. Remove the belt and tensioner. Remove the 5 bolts holding the fan hub to the engine and remove it from the engine compartment. Retain the bolts for use in installation.
4. Remove the four bolts from the crank pulley and install the new drive pulley (1) using bolts (2). **NOTE: On 2016 and newer models, make sure to line up the cut out in the pulley with the counterbalance in the balancer.** A mild grade of Loctite is recommended. Install auxiliary alternator onto bracket (3) using bolts (5) and slide bushings (18). Remove the split bushings from the OEM bracket and install them into the new bracket. Install the main bracket (3) in place of the fan hub reusing the OEM bolts. Always check alignment with drive pulley using a straight edge.
5. Install the OEM tensioner and the OEM belt back onto the engine as shown in illustration on back. Remove the idler from the OEM fan hub and remove the bolt from the idler. Install the O.E.M. idler using bolt (13), lock washer (8), flatwasher (7) and bushing (10). Install the pump tensioner bracket (4) onto the bracket using bolts (5) and install idler (14) with the short bushing (11) to tensioner bracket (4) using bolt (6), lock washer (8), and flat washer (7) to the engine. Tighten all bolts. Install idler (14) with the long bushing (9) onto bracket (3) using bolt (12), lock washer (8), and flat washer (7). Install tensioner (15) using bolt (16). Install auxiliary alternator drive belt as shown in illustration on back. Achieving proper belt alignment is the installer's responsibility.
6. Replace the nuts onto the fan diffuser. It may be necessary to trim the diffuser if it hits the clutch. Replace the fan. Tighten the fan nut, then rotate the wire holder up and bolt it to bracket (4) using bolt (17). Replace the fan shroud. Replace the air cleaner and charge air tube.
7. Make certain no wires come in contact with any moving or hot parts. Check clearances to prevent contact which could cause chafing or other damage.

**WARNING:** Before starting the engine, check to make certain no wires, hoses, etc. that may have been disturbed during installation do not come in contact with any hot or moving parts. Run the engine and check for proper belt tracking, adjust if necessary. It is the installer's responsibility to make sure that all components are in proper position and alignment.

CW Mill Equipment Co., Inc. Mounting Kit and Mounting Kit Component Disclaimer: (1.) Due to the custom nature and variation of all add-on systems of this type, no complete system kits are offered by the manufacturer, and any group of parts marketed as a kit is limited to only the individually defined parts in that specific kit. The system designer's rotating accessory components are not included, offered, or fully known by the manufacturer. In addition to the absence of the rotating accessory system, other potential components such as additional clamps, brackets, wear liners, hardware, or other items that may be required by the system designer must be identified and supplied by the actual system designer. (2.) Due to vehicle manufacturer's assembly tolerances, production changes, and installation variances, it is the buyer's responsibility to ensure adequate clearance for all components including space for and safe location of the fan, radiator, all lines, and wires. Check for possible movement, vibration, friction points, heat exposure and/or shifting of any and all components such as hoses, wires, and all other components including those that may otherwise be considered non-moving and/or unaffected by the installation (3.) The buyer is responsible for the entire installation of a mounting kit as the mounting kit is part of a custom process controlled by the buyer through their whole system design and directed installer as the installer evaluates, locates, routes, aligns, and tightens all components while determining if additional clamps, brackets, wear-liners, or other components may be required, beyond those included in the kit. Any additional items required, beyond those included in the kit, are to be provided at the expense of the buyer. (4.) The buyer is responsible for the development and communication of their whole system installation procedures, safety precautions, application, and use of the engine accessory mounting kit in their system, including efforts to maintain vehicle control and prevent pinch, wear, impact, and/or burn exposure on all hoses, wires, and other parts. (5.) The buyer is responsible for providing trained and experienced installation decision making with technical know-how to apply professional judgment that specifically applies to each individual installation. The buyers chosen installers must be qualified and experienced technicians that are familiar with the vehicle and accessory being mounted as well as the buyer's whole system design and installation procedures associated with the kit. (6.) The buyer is responsible for determining and achieving compliance to all regulatory issues that apply to the use of all products. (7.) The manufacturer reserves the right to make changes and/or improvements to any product at any time with or without notice.

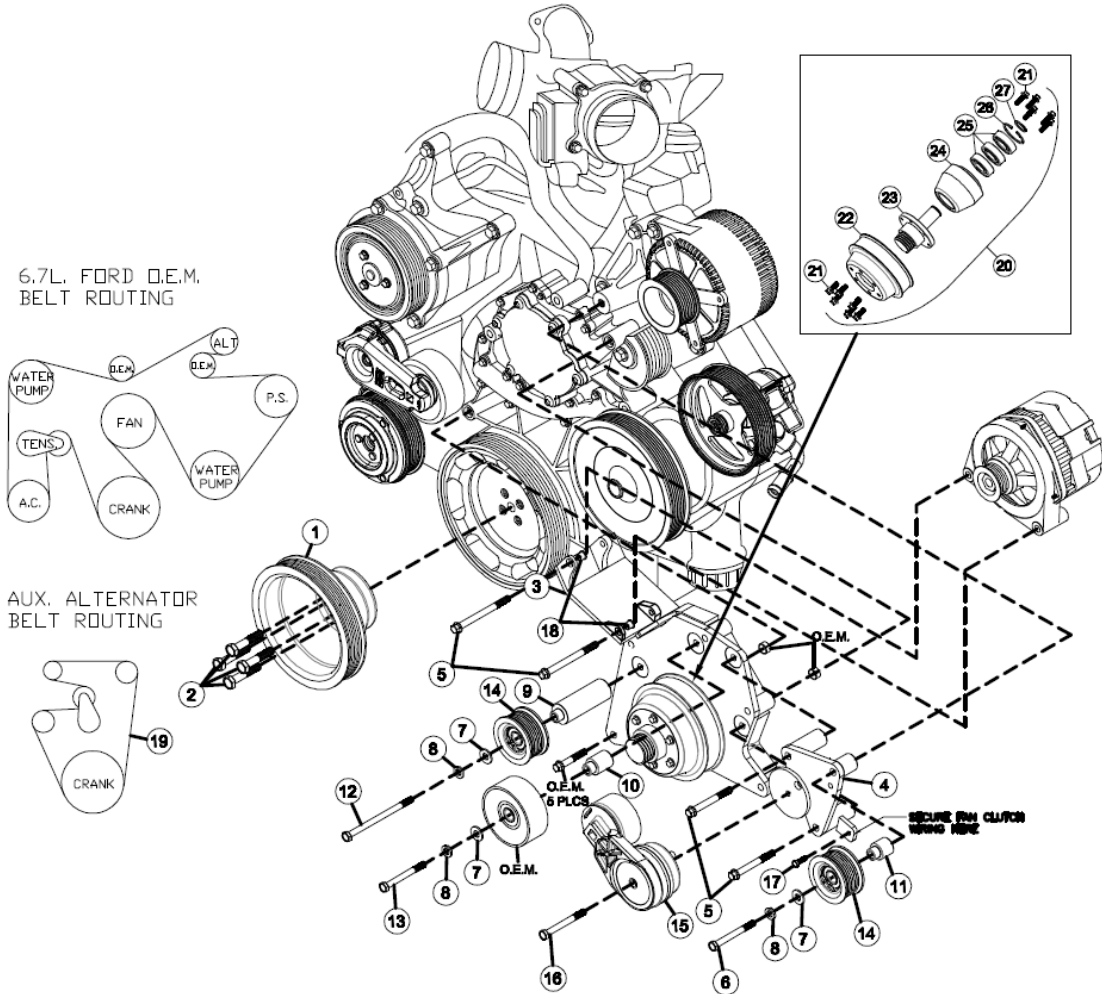


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# FMK26492V-8

2012-2023 (Build Date: 12.31.2022 or Prior) Ford F-250-F-550 Super Duty  
 2020-2023 (Build Date: 12.31.2022 or Prior) Ford F-600 Super Duty  
 2017-2023 (Build Date: 12.31.2022 or Prior) Ford F-650-F-750  
 6.7L V8 PowerStroke Diesel w/-w/o A/C, w/o OEM Dual Alternators

Requires 8-Groove Pulley  
 Requires Vortec 92V Style Alternator



## PARTS LIST

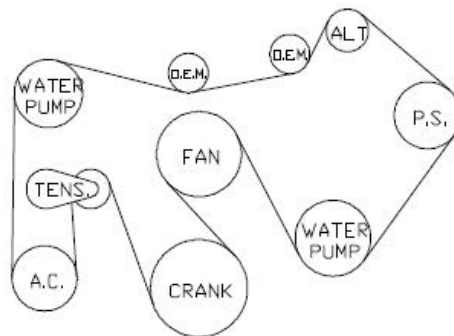
- |                                                            |                                            |
|------------------------------------------------------------|--------------------------------------------|
| 1. FPC2638AL (1)                                           | 15. 89470 Dayco (1)                        |
| 2. 12mm x 75mm 1.5 (4)                                     | 16. 10mm x 65mm (1)                        |
| 3. FMP26492V-8 (1) ( <u>Does not include assembly 20</u> ) | 17. 8mm x 12mm Flange (1)                  |
| 4. FMB2610 (1)                                             | 18. 1255-0090 Slide Bushing (2)            |
| 5. 10mm x 80mm Flange (4)                                  | 19. Dayco 5080680 (1)                      |
| 6. 10mm x 90mm (1)                                         | 20. FSK262 (1)                             |
| 7. 3/8 Flatwasher (3)                                      | <b><u>ITEM 20 INCLUDES ITEMS 21-27</u></b> |
| 8. 10mm Lockwasher (3)                                     | 21. 8mm x 20mm Flange (11)                 |
| 9. FMB2617 (1)                                             | 22. FPC2620 (1)                            |
| 10. FMB2616 (1)                                            | 23. FSO261 (1)                             |
| 11. FMB2615 (1)                                            | 24. FMB2611 (1)                            |
| 12. 10mm x 120mm (1)                                       | 25. MRC205SZZ Bearing (3)                  |
| 13. 10mm x 60mm (1)                                        | 26. HO206ST-PA Snap Ring (1)               |
| 14. 89053 (2)                                              | 27. SH98 Snap Ring (1)                     |

# 2012-2023 Ford 6.7L Diesel OEM Dual Alternator Delete Procedure

## Option 1:

1. Reprogram the ECM for a single alternator setup by a Ford dealership.
2. Remove the secondary alternator.
3. The turbo water pump will need to be replaced with an OEM single alternator setup turbo water pump.
4. The fan pulley will need to be the grooved one (FPC2618-2) from the FMK261\_-8 kit.
5. A double-sided belt for a 2011 single alternator truck will need to be purchased.
6. The OEM belt will need to be routed as illustrated below:

6.7L. FORD O.E.M.  
BELT ROUTING



## Option 2:

1. Reprogram the ECM for a single alternator setup by a Ford dealership.
2. Remove the secondary alternator.
3. The turbo water pump will need to be replaced with an OEM single alternator setup turbo water pump.
4. The fan pulley will need to be the smooth one (FPC2620) from the FMK264\_-8 kit.
5. A single-sided belt for a 2012-2023 single alternator truck will need to be purchased.
6. Two (2) smooth idler pulleys will also need to be purchased. They can either be purchased from Ford or use the Dayco 89016 idlers. The smooth idler located by the alternator will need to be in the hole closest to the driver's side fender.
7. The OEM belt will need to be routed as illustrated below:

6.7L. FORD O.E.M.  
BELT ROUTING

