



CW MILL EQUIPMENT CO., INC.
P.O. Box 246 • Sabetha, Kansas
66534

IMK53SD508-8
2008-2010 International
4300-4400 Durastar
Max Force 245 HP, W-W/O AC

INSTALLATION NOTES

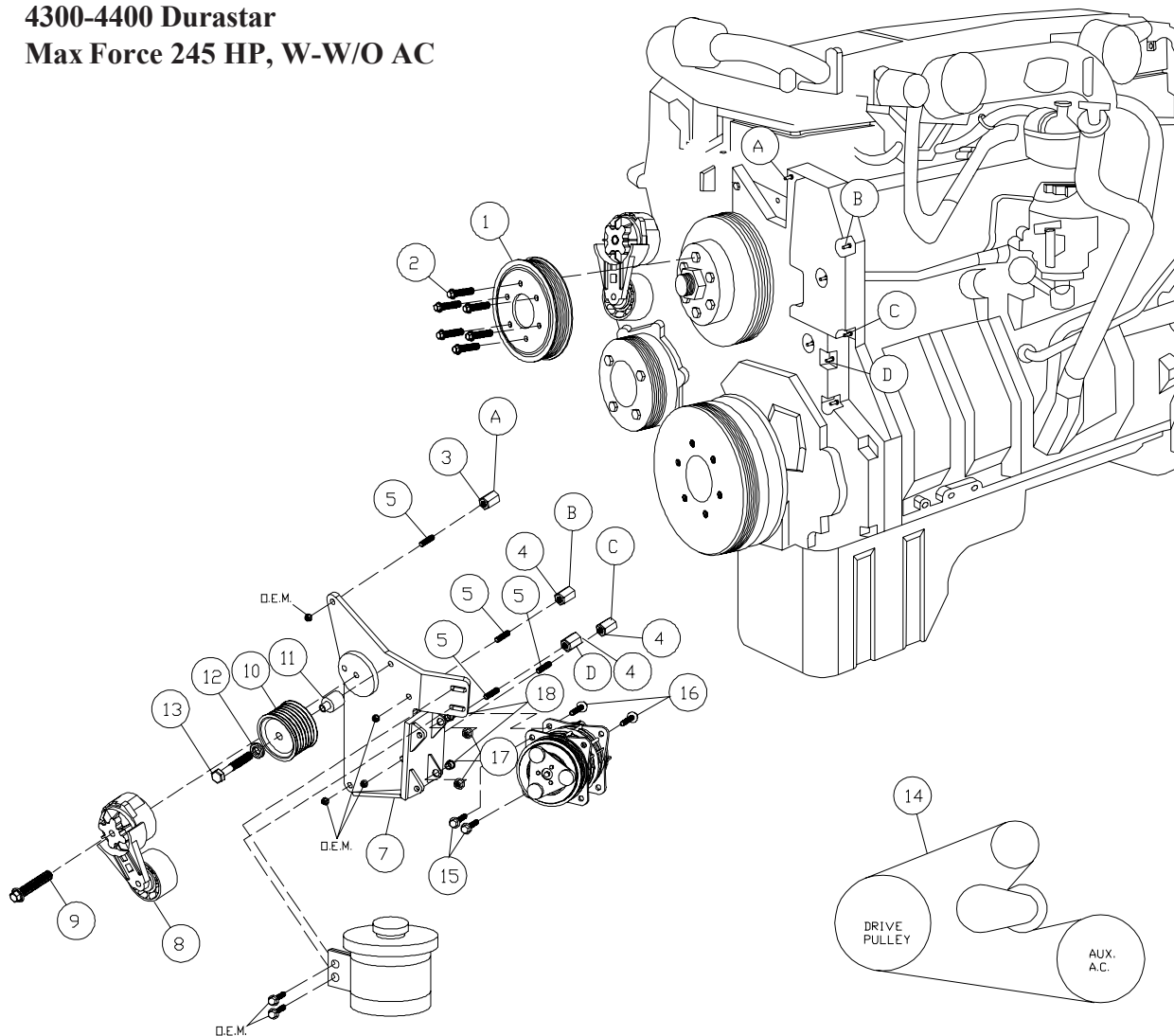
1. Remove the left side inner fender. Remove the fan from the fan pulley (***THE FAN NUT HAS LEFT HAND THREADS***) and leave it inside the fan shroud, be careful not to damage the radiator. Loosen the six pulley bolts. Release the tension on the belt and remove the belt. Remove the fan bolts and install the drive pulley (1) with bolts (2). Torque the bolts to 28 ft. lbs. Reinstall the O.E.M. belt.
2. Remove the two bolts holding the power steering reservoir to its bracket. Remove the straps holding the hoses and wires to the P/S support bracket, then remove the bracket from the frame. Support the reservoir so fluid doesn't leak from it. Remove the nuts from the bolts at locations A,B,C, & D one at a time and replace them with the coupler nuts (3) at location A, and (4) at locations B,C, & D. Torque the nuts to 25 ft. lbs. The bolts at locations B & C may need to be turned around. Install the four 8mm studs into the coupler nuts until the bottom out against the bolts.
3. Install the pump onto the main bracket (7) using the bolts provided in the kit. ***DONOT TIGHTEN***. Install the pump and bracket assembly onto the engine and secure it with the O.E.M. nuts removed from the bolts at locations A,B,C,&D. Torque them to 25ft. lbs. Using a straight edge or other suitable tool, align the pump with the drive pulley and tighten the bolts to 30 ft.lbs. Install the tensioner (8) with bolt (9). Install idler (10) with bushing (11), flat washer (12) and bolt (13). Install the pump drive belt according to the belt diagram. Replace the fan.
4. Loosen the clamps on both ends of the charge air tube and rotate the tube inward to gain clearance to the P/S reservoir. Rotate the P/S reservoir counter clockwise in its clamp holder and mount it to bracket (7) into the slotted holes with the O.E.M. bolts. The nipple on the reservoir should align with one of the holes in the clamp. Adjust the reservoir so that the hose coming out of the bottom does not make contact with the clutch pump then tighten the bolts. Once the reservoir is secure, adjust the charge air tube and tighten the clamps securely.
5. Secure the hoses and wires that have been disturbed during installation. Check for proper clearances to any hot or moving parts. Run the engine and check for proper belt tracking, adjust if necessary. Replace the inner fender.

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PARTS LIST

- | | |
|---------------------------------|---------------------------------|
| 1. IPC468 (1) | 10. GPCD8 (1) |
| 2. 8mm x 30mm Flanged Bolt (6) | 11. IMB 530 (1) |
| 3. 8mm x 1.03 Coupler Nut (1) | 12. 12mm FW (1) |
| 4. 8mm x 1.45 Coupler Nut (3) | 13. 12mm x 65mm Bolt (1) |
| 5. 8mm x 30mm Stud (4) | 14. 5080620 Dayco Belt #2 (1) |
| 6. A.C. Compressor (Sold Sep.) | 15. 10mm x 30mm Flange (2) |
| 7. IMP53SD508 (1) | 16. 10mm x 40mm Flange (2) |
| 8. 89438-016 (1) | 17. 10mm Flange Nut (2) |
| 9. 10mm x 80mm Flanged Bolt (1) | 18. 1255-0090 Slide Bushing (2) |