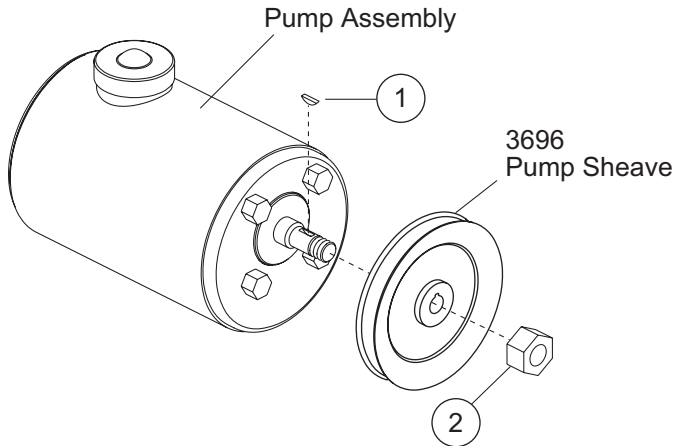




# Pump Assembly

## Pump Service Literature



A2311 & A5075 Pump Assemblies			
Item	Part	Qty	Description
1	2314	1	Shaft Key
2	2310	2	1/2-20 Hex Locknut GB
ns	5037	1	Retaining Ring
ns	8459	4	Fastener Seal
ns	5034	1	Shaft Seal, #CR6203
ns	2768	1	Shaft Seal, #6141
ns	5497	1	Pump Magnet
ns	90638	4	3/8-16 x 5/8 Hex Cap Screw G5
ns	8460	1	O-Ring
ns	4461K	2	Dipstick and Cap Assembly
ns = not shown			

### INSTALLATION INSTRUCTIONS

1. Drop blade and fully compress lift ram.
2. Remove the old pump assembly. Drain fluid from the reservoir. Check magnet in reservoir for metal particles.
3. If metal contamination is found, the hoses and rams must be disassembled, flushed, and inspected. The source of metal contamination is usually one or more of the rams.
4. Repair or replace components as necessary and reinstall.
5. Replace or install return line in-line filter (PN 8764K) in all but Ford applications.
6. To drain the used fluid from the hydraulic angle rams when disassembly is not required,
  - a. Remove the quick disconnects from hoses attached to angle rams.
  - b. Place the open ends of the hoses in a container to collect the used fluid.
  - c. Manually move the blade to retract each ram, forcing out the used fluid.
  - d. Reattach the hydraulic fittings.
7. Properly dispose of all used hydraulic fluid.
8. Remove the pump sheave from the pump shaft and reinstall it on the new pump assembly using the new shaft key and locknut provided. Torque the 1/2" locknut to 85 ft-lb.
9. Install the new pump assembly and fill the reservoir to the indicated mark on the dipstick.
10. Start the engine and operate all the blade functions to fill the rams with fluid. Refill the reservoir if needed.

**⚠ CAUTION**  
Pump tank fill must be vertical to engine.

**⚠ CAUTION**  
Keep hoses away from hot or moving engine components. Failure to do so may cause hose to burst, resulting in possible fire.

**A2311**  
**A5075**

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