



INSTRUCTION BULLETIN

No. 340799

Machine: 6500, 6550,
6550E, 6600, 6650

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Rev. 00

NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in the machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save the cost of ordering an entire kit.

NOTE: Numbers in parenthesis () are reference numbers for parts listed in Bill of Materials.

Installation instructions for **kit number 9001862**

SYNOPSIS:

This kit contains the parts needed to replace the hopper lift cylinder on 6500, 6550, 6550E, 6600, and 6650 machines.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 2 hours)

When assembling/disassembling/installing/removing hydraulic components:

1. Thoroughly clean outside of hydraulic components **before** disconnecting hydraulic hoses or fittings to prevent contaminants from entering the system.
2. Cap disconnected hoses and open ports to prevent contaminants from entering the system.
3. Use air, solvent, or hydraulic fluid to flush hoses and fittings to prevent contaminants from entering the system.
4. Mark hydraulic hoses with locations of where they are attached. Markings make it easier to reconnect hoses to proper locations during reassembly.
5. Discard all hydraulic fluid drained from the system. Use only new approved hydraulic fluid to replenish hydraulic reservoir.

PREPARATION:

1. If necessary, empty the hopper. Refer to the Operators Manual for additional instructions.
2. Park the machine on a clean level surface, engage the parking brake, shut off the machine, and remove the key from the ignition.

FOR SAFETY: Before leaving or servicing machine, stop on level surface, turn off machine, and remove key.

3. Raise the hopper and engage the hopper support bar.



**WARNING: Raised hopper may fall.
Engage hopper support bar.**



**WARNING: Lift arm pinch point. Stay
clear of hopper lift arms.**

4. Completely open the engine cover until the lock secures the cover in the raised position.

INSTALLATION:

1. Remove hydraulic hose 377225 and fitting 77098 from the existing hydraulic cylinder 74419. Discard both the hose and the fitting. Refer to Fig. 1 and Fig. 2.
2. Disconnect hydraulic hose 55691 and fittings attached to the hose from the existing hydraulic cylinder 74419. **Do not** discard this hose or these fittings. Refer to Fig. 1 and Fig. 2.
3. Remove the existing hydraulic cylinder 74419 from the machine. Set hardware used to hold old hydraulic cylinder onto the machine aside. These items are needed to install the new hydraulic cylinder (1). Discard the existing hydraulic cylinder. Refer to Fig. 1.

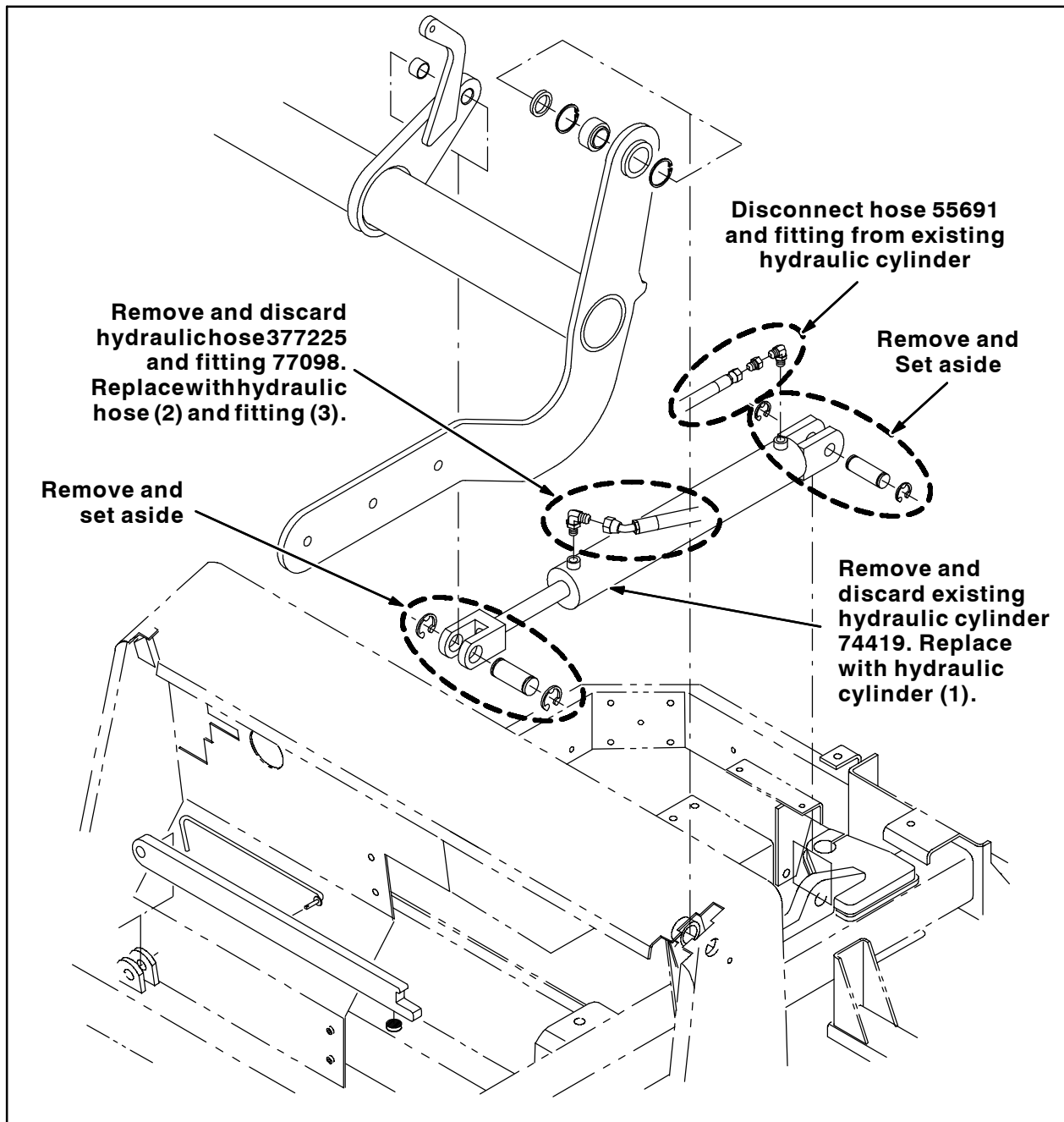


FIG. 1

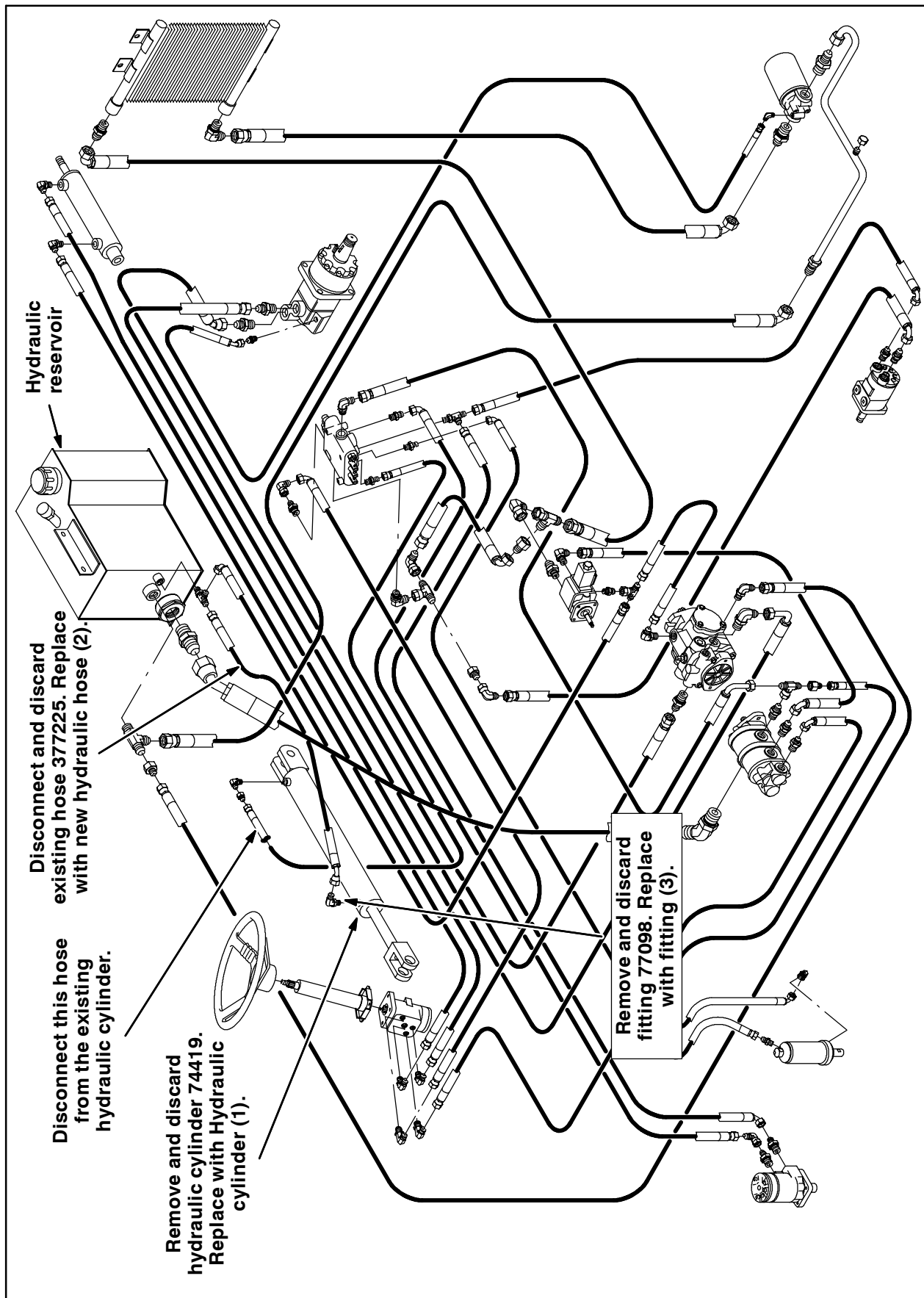


FIG. 2

4. Thread the fitting (3) into the new hydraulic cylinder (1). Refer to Fig. 1 and Fig. 2.
5. Use the hardware from the discarded hydraulic cylinder to install the new hydraulic cylinder (1) onto the machine. Refer to Fig. 1.
6. Connect the hydraulic hose (2) to the hydraulic reservoir, route the hose over to the hydraulic cylinder (1), and connect the hydraulic hose to the fitting (3) already installed on the hydraulic cylinder. Refer to Fig. 1 and Fig. 2.
7. Connect the hydraulic hose 55691 to the hydraulic cylinder. Refer to Fig. 1 and Fig. 2.
8. Disengage the hopper support bar, start the machine, lower the hopper, and turn off the machine.
9. If necessary, add hydraulic fluid to the hydraulic reservoir. Refer to the Maintenance Section of the Operators Manual for additional information.
10. Start the machine and raise and lower the hopper to ensure the newly installed parts function properly. Observe the newly installed components and hydraulic reservoir for leaks.

Bill of Materials for Kit, Replmt, Cyl, Hyd F/74419-9001862

	Ref.	Tennant Part No.	Description	Qty.
▽		9001862	Kit, Replmt, Cyl, Hyd F/74119	1
▲	1	1025228	Cylinder, Hyd, 2.5B, 28.4L, 4L, 15.00 Strk, 2500	1
▲	2	01998	Hose, Hyd, MED06, JF06Str/JF06E90, 10.0	1
▲	3	50960	Fitting, Hyd, Str, JM06/OM04	1

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