



INSTRUCTION BULLETIN

No. 340682
Machine: Centurion
Published: 11/03
Rev : 00

NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in your machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save you 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 9000335

SYNOPSIS / PROBLEM:

This kit contains the parts needed to install a conveyor stop valve kit on the Centurion sweeper.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS:

(Estimated time to complete: 2 hour)

PREPARATION:

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

1. Cleanliness is extremely important when working with hydraulic components. Work in a clean, dust-free area. Dirt or foreign material in hydraulic systems can impair operation and damage equipment.
2. Before disconnecting hydraulic hoses or fittings, thoroughly clean outside of hydraulic component to prevent dirt from entering system.
3. Mark hydraulic hoses and record locations for proper installation.
4. Cap disconnected hoses or open ports to keep dirt out of system.
5. Discard any hydraulic fluid drained from the system. Use only new, approved hydraulic fluid to replenish hydraulic reservoir.
6. Flush hose and fittings at pressure port of hydraulic component with air, solvent or hydraulic fluid to help avoid contamination.

INSTALLATION:

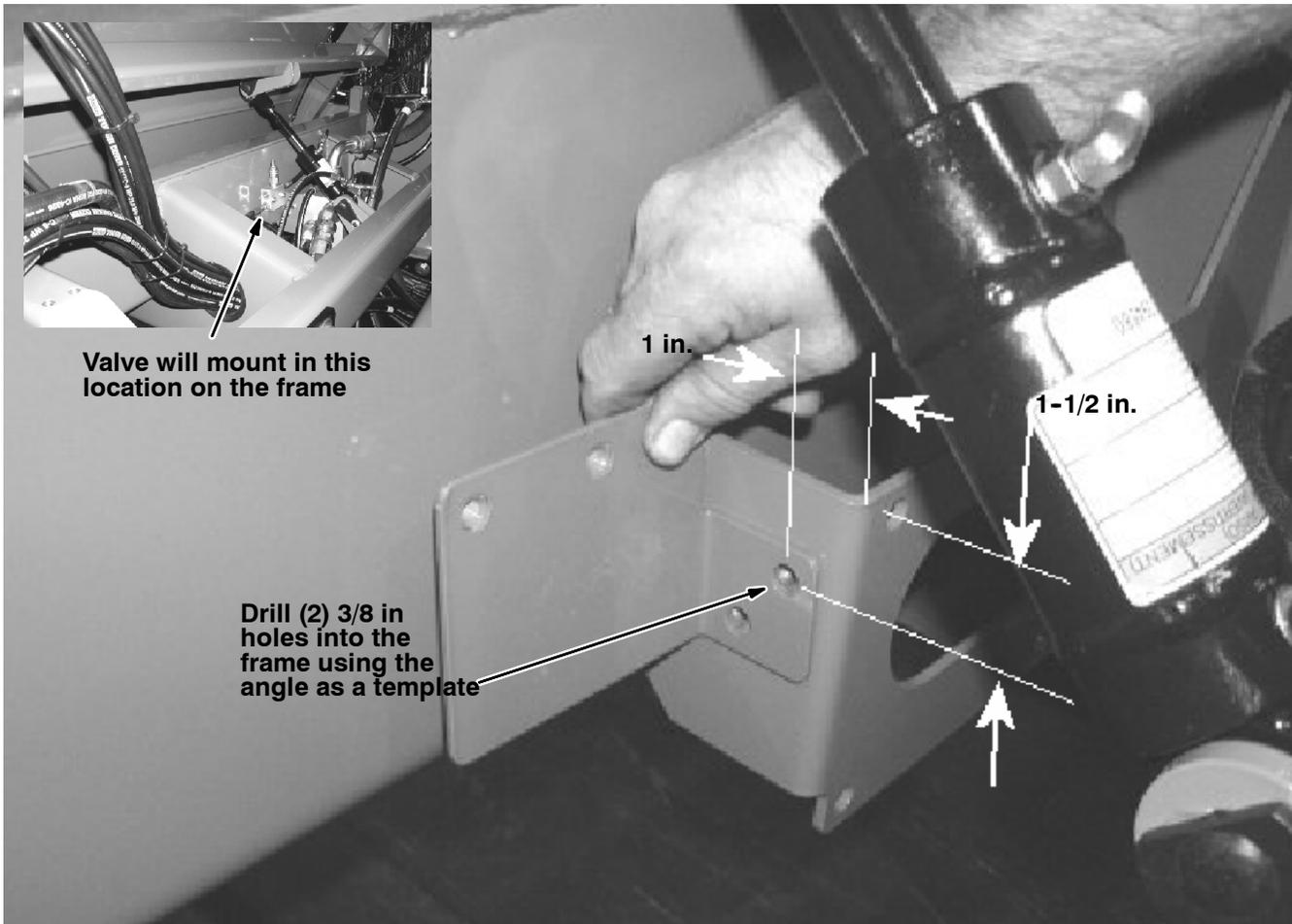
1. Lift the hopper and engage both hopper lift support bars onto the track in the hopper lift support frame.

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

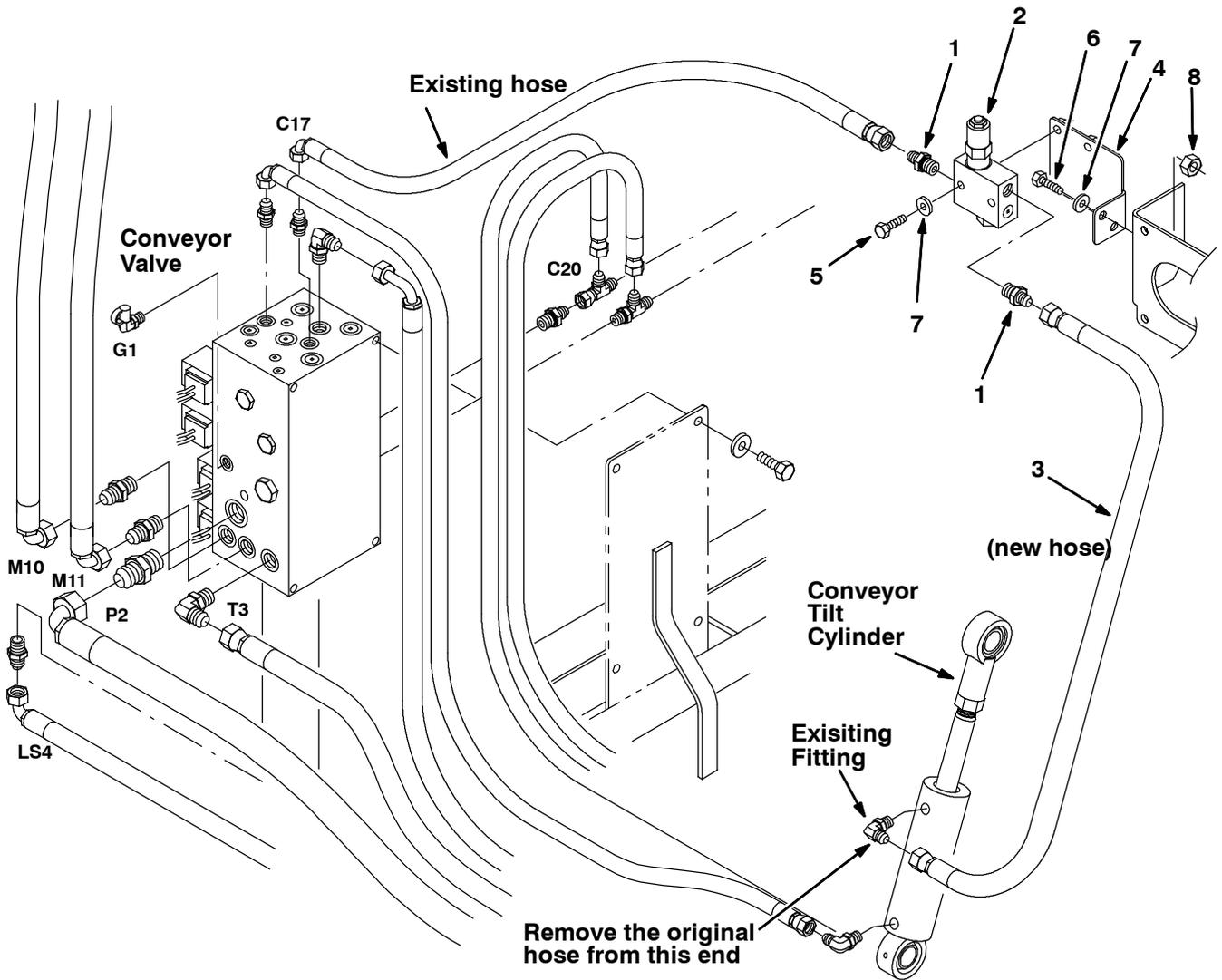
2. Turn the machine off and engage the parking brake.

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

3. Drill two 3/8 in holes into the frame using the angle (4) as a template.



4. Remove the existing hydraulic hose from the fitting on the rod port of the conveyor tilt cylinder.
5. Mount the angle (4) to the frame with the hardware provided.
6. Mount the valve (2) and the fittings (1) to the angle (4) with the hardware provided.
7. Attach the end of the existing hydraulic hose (from C17) to port 2 on the end of the valve (2) as shown.
8. Attach the new hydraulic hose (3) to the other end valve (port 1) as shown and to the rod port of the tilt cylinder.
9. Lower the hopper and operate the machine for a few minutes, then check the fittings and connections and make sure there are no leaks.



BILL OF MATERIALS FOR CONVEYOR STOP VALVE KIT 900335

Ref.	Tennant Part No.	Description	Qty.
1	55685	Fitting, Hyd, Str, Jm04/Om06	2
2	1012658	Valve, Hyd, Relief, 08gpm3200	1
3	381865	Hose, Hyd,Tc 04, Jf04str /Jf04str , 18.0	1
4	1012678	Angle, Mtg, Valve Sppt	1
5	222505	Screw, Hex, M8 X 1.25 X 45, Ss	2
6	09010	Screw, Hex, M8 X 1.25 X 25, Ss	2
7	32491	Washer, Flat, 0.31 Std	4
8	07791	Nut, Flange, M8	2

TENNANT COMPANY
P. O. Box 1452
Minneapolis, MN 55440-1452