



INSTRUCTION BULLETIN

No. 3774
Machine: 7400
Published: 3-00/01
System: OPTIONS

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 numbers 25812 and 25858

SYNOPSIS / PROBLEM:

Both kits contain the parts needed to install a new down pressure cartridge in the main valve on the model 7400 scrubber. The new cartridge in kit 25812 will reduce the down pressure setting so a nylon scrub brush can be used. The new cartridge in kit 25858 will increase the down pressure setting for standard scrub pressure.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS:

(Estimated Time to complete: 1 hour)

PREPARATION:

(Refer to FIG. 1)

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

1. Open the engine cover and side door.

NOTE: Before removing the down pressure cartridge, turn on the key but do not start the engine. Push the the scrub button to lower the scrub head. Turn off the key.

2. Locate the main valve under the vacuum fan. Remove the plastic wire ties holding the harness to the top of the valve. (Refer to FIG. 1)
3. Remove the nut holding the electrical coil to the **SV-3** cartridge. lift the coil off the cartridge. This will give better access to the **SV-4** cartridge. (Refer to FIG. 1)

NOTE: Be sure to note the orientation of the two O-ring seals when removing the coils.
(Refer to FIG. 1)

4. Remove the nut holding the electrical coil to the **SV-4** cartridge. lift the coil off the cartridge. (Refer to FIG. 1)
5. Remove the **SV-4** cartridge from the main valve body. Retain this cartridge for future use.
(Refer to FIG. 1)

INSTALLATION:

(Refer to FIG. 1)

1. Install the new cartridge (1) in the **SV-4** port on the main valve body. Tighten firmly. (Refer to FIG. 1)
2. Reinstall the electrical coil on the new cartridge (1) in the **SV-4** port. (Refer to FIG. 1)
3. Reinstall the electrical coil on the cartridge in the **SV-3** port. (Refer to FIG. 1)
4. Use a plastic tie on the harness at the main valve. (Refer to FIG. 1)
5. Start the machine and operate the machine in the scrub mode. Check the new cartridge for proper operation. (Refer to FIG. 1)

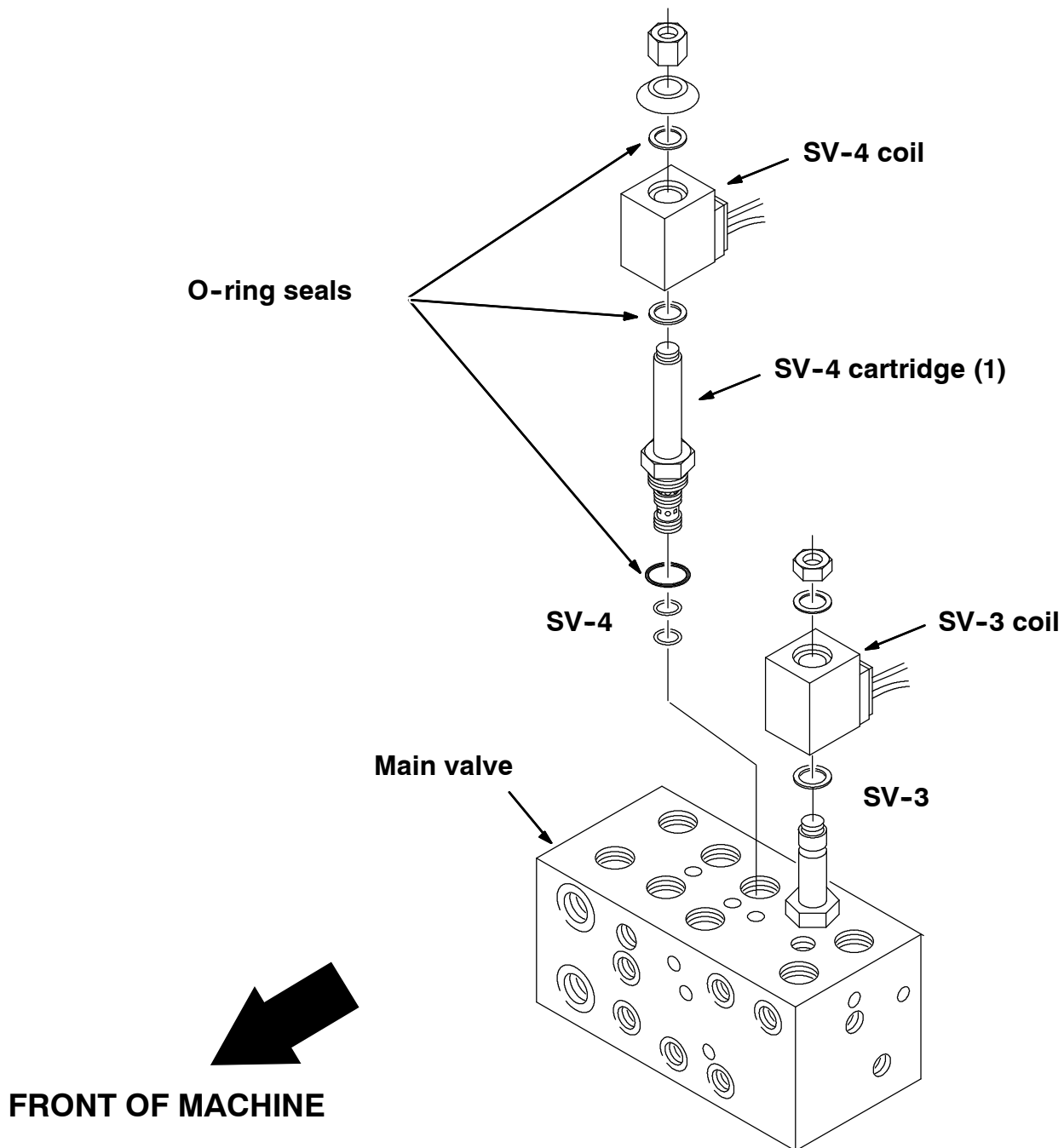


FIG. 1 - Main Valve Assembly

BILL OF MATERIALS FOR DOWN PRESSURE CARTRIDGE REPLACEMENT KIT 25812

Ref.	TENNANT Part No.	Description	Qty.
1	21931	Valve cartridge	1

BILL OF MATERIALS FOR DOWN PRESSURE CARTRIDGE REPLACEMENT KIT 25858

Ref.	Part No.	Description	Qty.
1	21905	Valve cartridge	1

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