



Service Guide

3572-A
3572-B

High Volume Control Valve

Description

CAUTION

Do not operate this valve with an antifreeze and water mixture.

The control valve models included in the 3572 series are designed to dispense a variety of fluids. These include engine oils, diesel oils and hydraulic oils.



WARNING

Release all pressure within the system prior to performing any overhaul procedure.

- **Disconnect the air supply line from the pump motor.**
- **Into an appropriate container, operate the control valve to discharge remaining pressure within the system.**

Never point a control valve at any portion of your body or another person. Accidental discharge of pressure and/or material can result in personal injury.

Read each step of the instructions carefully. Make sure a proper understanding is achieved before proceeding.

Assembly

Apply thread Sealant to the male threads on the extension (1 or 2).

NOTE: Do not apply thread sealant to the first two (2) threads. Contamination can occur.

Install the Extension into the Handle. Tighten securely.

Prime and Test

NOTE: Perform the following procedures at an air pressure that allows the pump to begin to cycle. Regulate the amount of air to the pump with a pressure regulator.

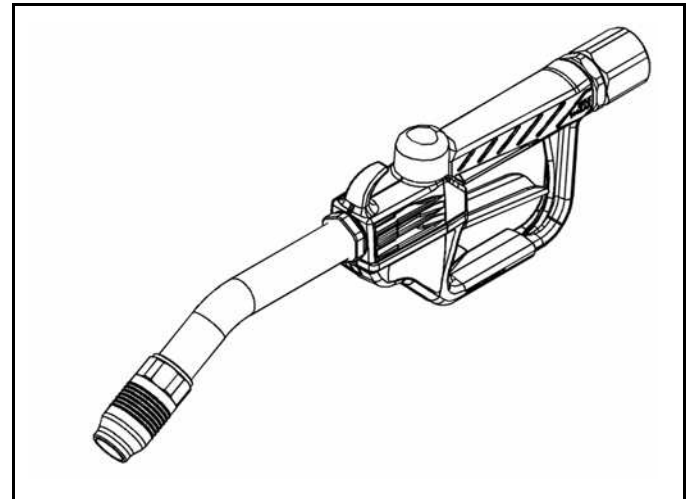


Figure 1 High Volume Control Valve Model 3572-A

Fluid Inlet (Swivel)	3/4" NPTF (f)
Maximum Operating Pressure	1450 psi (100 bar)

Should valve leakage occur at anytime, refer to the **Troubleshooting Chart**.

1. Point the control valve into an appropriate collection container.
2. Allow the pump to deliver fluid to the control valve.
 - The control valve should show no leakage nor dispense the fluid.
3. Cycle the control valve Lever Assembly several times.
 - Fluid should flow once air is eliminated from the control valve (and system).

With the Lever in the released position, no fluid should appear at the Nozzle.

If product does appear, refer to the **Troubleshooting Chart**.

The non-drip nozzle opens automatically when fluid is dispensed.

After use, the nozzle should be manually pushed closed to prevent oil drip.

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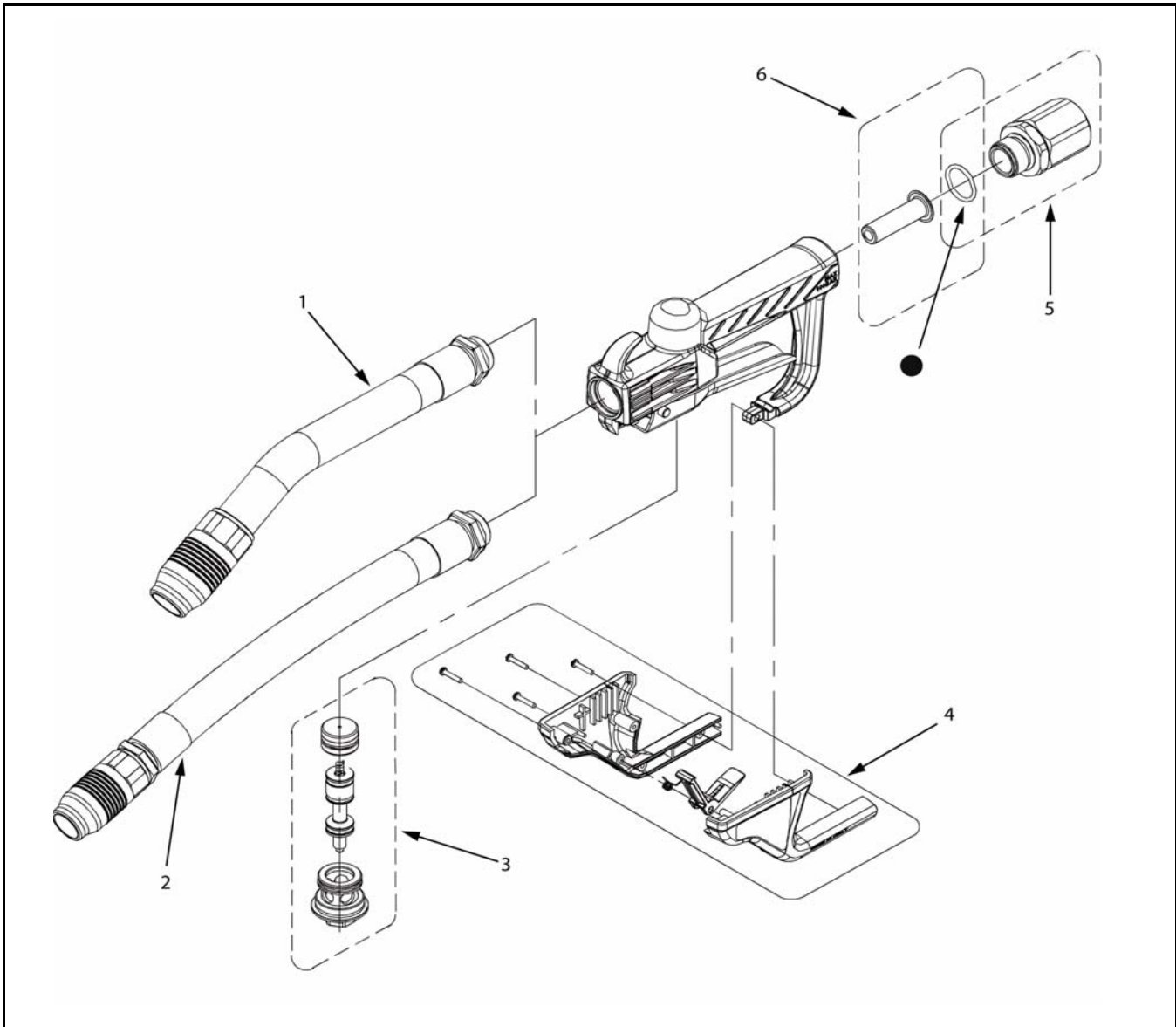


Figure 2 High Volume Control Valve Model 3572 Series - Exploded View

Item No.	Part No.	Description	Control Valve Model		Qty	Notes
			3572-A	3572-B		
1	393792-1	Extension, Rigid	●		1	
2	393792-2	Extension, Flexible		●	1	
3	393772-14	Kit, Valve Seal	●	●	1	
4	393772-13	Kit, Trigger	●	●	1	
5	393792-3	Kit Swivel	●	●	1	Includes O-Ring (●)
6	393792-5	Kit, Strainer	●	●	1	Includes O-Ring (●)
■	393792-4	Kit, O-Ring Seals	●	●	1	
■ O-Ring Seals Kit not shown in exploded view contains all the o-ring seals						

Model	Fluid	Extension	Nozzle Type
3572-A	Oil	Rigid	Non-Drip Manual
3572-B	Oil	Flexible	Non-Drip Manual

Troubleshooting Chart

Control Valve Indications	Possible Problems	Solutions
Continuous product flow	<ol style="list-style-type: none"> Foreign material on Valve Seal Valve Seal worn or damaged 	<ol style="list-style-type: none"> Disassemble, clean, and inspect seat area. Check mating surfaces and replace Seals as necessary. Locate and eliminate source of foreign material. Use Kit 393772-14
Leakage at front end of Nozzle	<ol style="list-style-type: none"> Nozzle not closed Nozzle damaged 	<ol style="list-style-type: none"> Push nozzle closed Replace Nozzle
Leakage at Extension Assembly	<ol style="list-style-type: none"> Initial tightening not sufficient Thread sealant missing or inadequate 	<ol style="list-style-type: none"> Tighten leaking connection Apply thread sealant* to male pipe threads
* Do not apply thread sealant to the first two (2) threads. Contamination can occur.		

Changes Since Last Printing
Increased PSI to 1450

