



TECHNICAL SERVICE PARTS

STYLE 0053

PRODUCT PRESSURE RELIEF VALVE

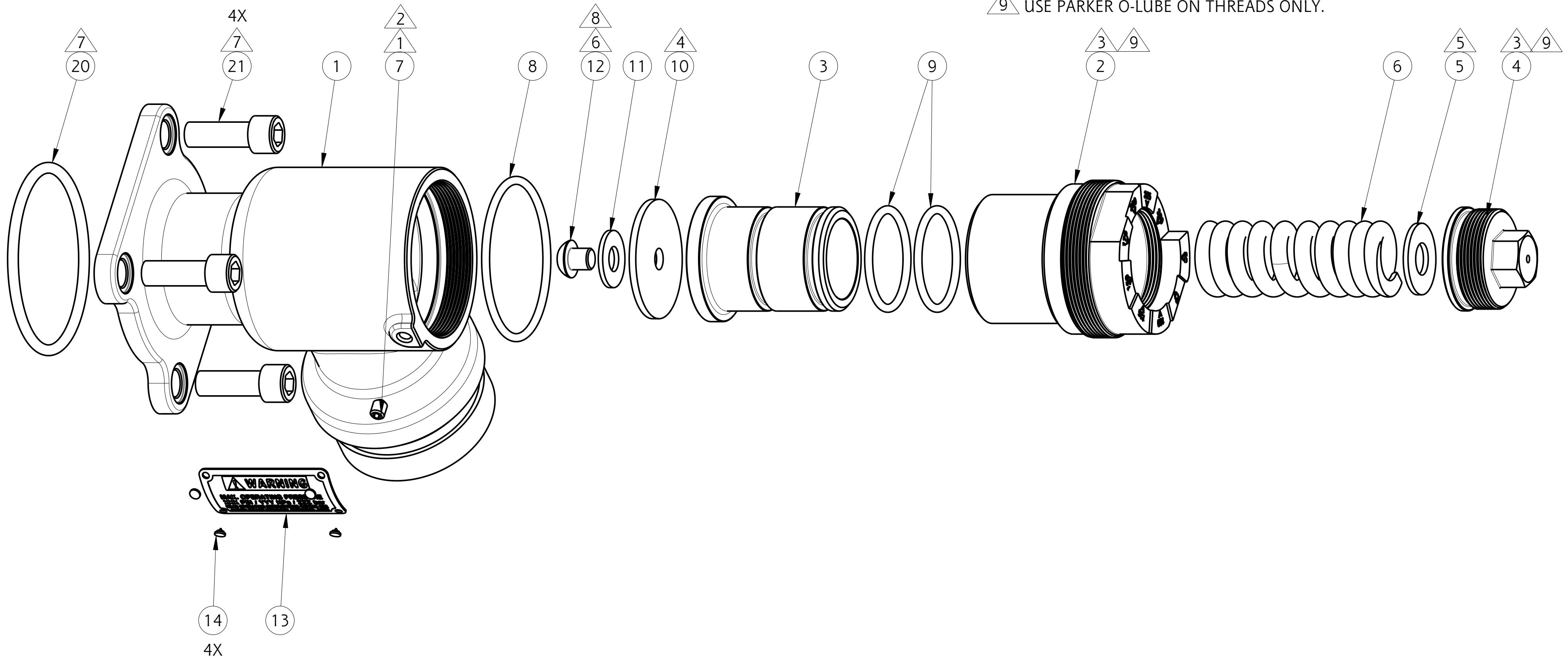
IF AN ITEM IS NOTED AS "NOT FIELD REPAIRABLE", OR YOU WISH TO RETURN AN ITEM TO AKRON BRASS FOR SERVICE PLEASE GO ONLINE TO, ONLINEREPAIR.AKRONBRASS.COM

Chg.	Date
02	11-17
03	12-18

ASSEMBLY NOTES:

USE PARKER O-LUBE ON ALL O-RINGS AND MATING SURFACES UNLESS OTHERWISE NOTED.

- ① USE PERMABOND LM113 OR LOCTITE 222.
- ② DIMPLE AT ASSEMBLY.
- ③ SEE INSTALLATION INSTRUCTIONS FOR PROPER ADJUSTMENT PROCEDURE.
- ④ USE LOW-TEMP LUBRIPLATE.
- ⑤ USE NEVER SEEZ MARINERS CHOICE.
- ⑥ USE PRIMER T AND PERMABOND HH120 OR LOCTITE 277.
- ⑦ ITEMS SHIPPED IN INSTRUCTION/PARTS LIST KIT.
- ⑧ TIGHTEN TO 50-55 IN-LBS.
- ⑨ USE PARKER O-LUBE ON THREADS ONLY.



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Parts List Sheet:

126391

WARRANTY AND DISCLAIMER*: We warrant Akron Brass products for a period of five (5) years* after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service. We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty. *Unless otherwise provided herein. Akron Brass industrial electronic components & the Severe-Duty Monitor have a one (1) year warranty. Select Akron Brass handline nozzles and valves carry a ten (10) year warranty. Scene Star Lights carry a (6) year warranty. Weldon products have a two (2) year warranty from date of manufacture (excluding consumable components). Select Weldon LED products carry a five (5) year warranty. Honda products have the manufacturers' warranty and Akron Brass disclaims any warranty in respect of those products.

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Find	Description	Item	QTY
1	BODY VALVE - VICTAULIC	126394	1
1	BODY VALVE - 2-1/2" NPT	126395	1
1	BODY VALVE - 2-1/2" NH	126396	1
2	BODY RELIEF	126397	1
3	PLUNGER RELIEF	745282	1
4	NUT RELIEF ADJUSTMENT	734129	1
5	WASHER BRASS	784034	1
6	SPRING STEEL	770422	1
7	SCREW SOCKET HEAD NYLOCK SET 1/4-20 x 5/16"	766015	1
8	O-RING 2-231	757126	1
9	O-RING 2-222	757006	2
10	SEAL	768457	1
11	WASHER 3/8"	784126	1
12	SCREW BUTTON HEAD CAP 3/8-16 x 1/2"	767159	1
13	LABEL WARNING	729846	1
14	NAIL GRIP	736052	4
20	O-RING 2-337	757003	1
21	SCREW SOCKET HEAD CAP 7/16 x 1-1/4"	765207	4

INSTALLATION INSTRUCTIONS:

The Akron Style 53 Intake Pressure Relief Valve is designed to relieve pressure between 50 and 250 psi.

MAXIMUM OPERATING PRESSURE			MINIMUM OPERATING PRESSURE		
250 psi	1724 KPa	17 bar	50 psi	345 KPa	3 bar

The unit is preset at the factory at 125 psi (8.8 bar).

PRODUCT WARNINGS

- ⚠ **WARNING:** The maximum operating pressure is shown in the table above.
- ⚠ **WARNING:** The outlet must be vented through the discharge in order for the relief valve to operate properly.
- ⚠ **WARNING:** Ensure the relief valve discharge is directed away from personnel. A high water discharge flow has the potential to cause injury.
- ⚠ **CAUTION:** The Akron Brass Pressure Relief Valve has been developed for firefighting use mounted to a fire pump intake. Do not alter or attempt to use in other applications.

INSTALLATION:

This Intake Relief Valve is designed for flange mounting to the side of a pump intake. One standard bolt circle mounting is available.
 ~ Ø 4-3/8 Bolt circle with 4 bolt holes for Hale, Waterous and American LaFrance Pumps.

ADJUSTMENTS:

- To set the Relief Pressure:
1. The relief valve, which is factory set at 125 psi, can be adjusted using a 7/8" socket or wrench.
 2. Rotating the adjustment nut (4) clockwise will increase the pressure at which the valve will open and rotating counterclockwise will decrease the pressure.
 3. The relief valve is set by aligning the highlighted surface on the adjustment nut to the height of the desired setting labeled on the relief housing.
 4. The relief valve should not be tightened past the 250 psi setting; doing so may cause damage to the valve.
 5. Flow water through the pressure relief valve to verify the valve relief pressure.

- ⚠ **CAUTION:** DO NOT ATTEMPT TO ADJUST OR REMOVE THE ADJUSTMENT NUT (#4) OR RELIEF BODY (#2). INJURY MAY OCCUR DUE TO SPRING FORCE. RETURN TO FACTORY FOR REPAIR.

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