

REL TMP 60V - RELIABLE 60" TAMPER VALVE ON HOSE

ITEM	DESCRIPTION	QTY	PART#
1	TAMPER BODY	1	R27001
2	RAM	1	R27002
3	PACKING NUT (w/o SEALS)	1	R27003
4*	U-CUP SEAL	1	*
5*	U-CUP SEAL	1	*
6*	O-RING	1	*
7*	RAM WIPER	1	*
8	DRIVER SHAFT	1	R27008
9	SHUTTLE SPOOL	1	R27009
10	VALVE BODY	1	R27010
11	PLUG	1	R27011
12	SPOOL STOP	1	R27012
13	COMPRESSION SPRING	1	R27013
14	PLUG	1	R27014
15*	O-RING	2	*
16*	O-RING	3	*
17*	O-RING	1	*
18	CAP SCREW	8	R27018
19	LOCK WASHER	8	R27019
21	FOOT, KIDNEY SHAPED	1	R27021
22	FLAT WASHER	1	R27022
23	CAP SCREW	1	R27023
24	ADAPTER	2	R27024
25	TUBE	1	R27025
29	HOSE ASSEMBLY, INSIDE	1	R27029
30	HOSE ADAPTER WITH O-RING	4	R27030
30A*	O-RING	4	*
62	NYLON TIE	2	R27062
63	SCREW	4	R27063
64	STRAIN RELIEF	1	R27064
65	VALVE BODY	1	R27601
66	SPOOL	1	R27602
67	O-RING	2	R27052
68	BUTTON	2	13138
69	SCREW	2	13139
70	PIPE PLUG	3	12791
71	PRESSURE LINE ADAPTER	2	R27071
72	O-RING	1	R27030A
73	RETURN LINE ADAPTER (LARGE)	4	R27073
74	O-RING	1	R27074
80	MANIFOLD	1	R27080
81	HOSE ASSEMBLY, OUTSIDE (w/o COUPLER)	2	R27081

REPAIR KITS

	PACKING GLAND ASSEMBLY (Includes Items 3-7)	1	R27003A
	CONTROL VALVE (Complete - Includes Items 65-70)	1	R27600
*	SEAL KIT (* Items Included In Kit)	1	R27100

TROUBLE SHOOTING

Determine the source (i.e. tool or hydraulic system) **of the problem before trouble shooting.**

Will not run

Ram is restricting hydraulic fluid	Tamp tool foot on ground to push flow of ram up
Improper power source	Verify power source meets specifications
Low hydraulic fluid	Check fluid level
Incorrect viscosity	Use recommended fluid
Tool damaged	Disassemble and replace damaged parts
Hoses incorrectly connected	Switch hoses (<i>see hose connection in this manual</i>)
Dirt in tool	Disassemble, clean and repair

Tool runs slow

Power supply not functioning correctly	Reset to operator manual specs.
Fluid not warmed to correct temp	Allow tool a warm-up period
Fluid viscosity too high	See recommended viscosity
Air in hydraulic system	Check hoses for breaks, leaks, or loose connections
Hydraulic fluid level low	Fill to level. Check for leaks
Tool components loose	Tighten component hardware
Worn or damaged components	Replace worn or damaged components

Tool runs too fast

Power supply not functioning correctly	Reset to operator manual specs.
Excessive downward pressure	Do not apply downward pressure.

Tool operation is erratic

Hydraulic fluid not warm	Allow oil to warm up
Dirt or contaminants in tool	Clean and reassemble
Air in system	Check hoses for breaks, leaks, or loose connections

Tool runs continuously

Tool locked in "ON" position	Release trigger lever lock
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Trigger operation is difficult

Tool valve spool dirty	Clean up spool so that spool slides freely
Check for misalignment	Align trigger linkage
Components worn or damaged	Replace damaged components

Tool runs hot

Low fluid level	Fill pump reservoir to correct level
Fluid viscosity incorrect	Use recommended fluid
Fluid dirty	Drain tank, flush, and replace fluid
Power supply not functioning correctly	Reset to operator manual specs
Worn or damaged O-rings or gaskets	Replace worn or damaged components
Hydraulic fluid level low	Fill to level. Check for leaks

Tool is erratic

Hydraulic fluid not warm	Allow oil to warm up
Dirt or contaminants in tool	Clean and reassemble
Air in system	Check hoses for breaks, leaks, or loose connections

Tool leaks hydraulic fluid

Worn or damaged seals	Disassemble and replace worn or damaged seals
Components loose	Tighten component hardware

Tool lacks power

Control valve leaking	Worn part or seal rings
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READ BEFORE DISASSEMBLY



WARNING

Safety

DO NOT attempt to make any changes to any of the component parts or accessories when connected to the power source.

DO NOT adjust, inspect, or clean tool while the tool is connected to the power source. The tool could accidentally start up and cause serious injury.



WARNING

Before disassembly, disconnect hoses as described in this manual. Any residual pressure within the unit can and will spray at high velocity, injuring the person doing the disassembly. Hot or pressurized hydraulic fluid will cause serious injury or death.

Complete disassembly is not recommended. Return the unit to an authorized dealer for total disassembly and/or repair.

All maintenance or disassembly should take place on a flat, clean work surface covered with towels or wipers so as to have a clean space for the disassembled parts.

Inspect each part during disassembly for wear, scratches, and cuts. Discard the worn or damaged parts and replace with new factory authorized parts.

O-rings are sensitive to sharp edges. Inspect closely for cuts or damage. A small cut will cause a leak. When assembling or disassembling O-rings, use hydraulic fluid as a lubricant to aid disassembly or installation.

MAINTENANCE RECORD

Date	Parts or Service Required

