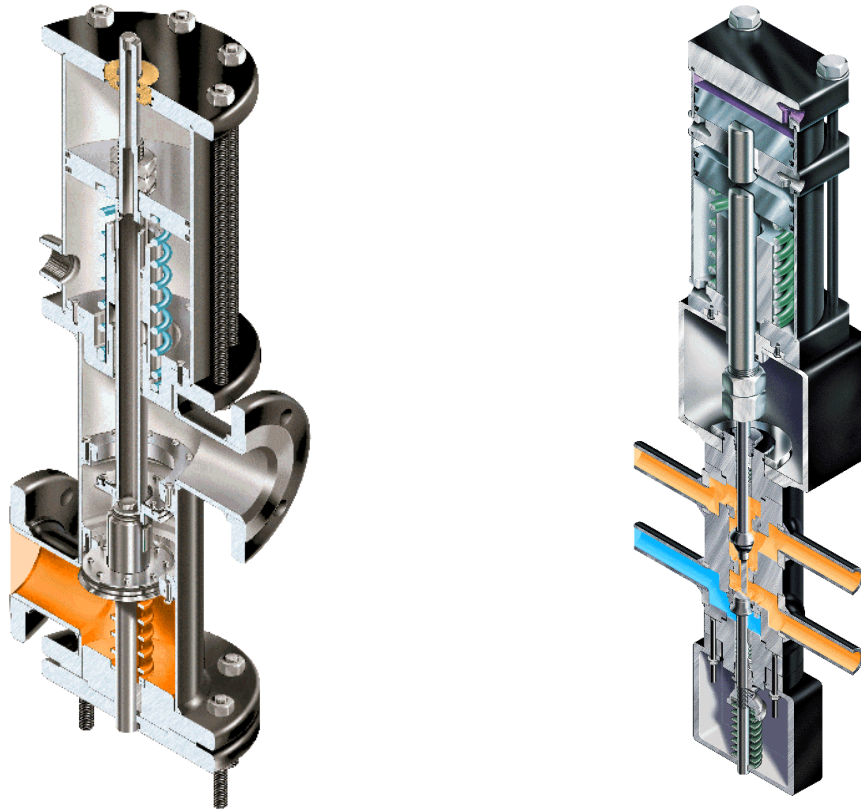


# **SKOTCH<sup>®</sup> TRIFECTA**

## **SAFETY SHUTOFF VALVES**

T500, T1000, T2000, and T4000 SERIES VALVES



## **Spare Parts List**

January 2005



**ITT Industries**

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**SKOTCH<sup>®</sup> TRIFECTA**

# SPARE PARTS LIST

T500 SERIES – OIL VALVE	PART #	QUANTITY PER VALVE
<sup>(1)</sup> T500 Internal Rebuild Kit (Standard Seat Ring) <i>Post 1995 Valve/Update Kit</i>	41610	1
<sup>(2)</sup> T500 Internal Rebuild Kit (with Cooling Steam Seat Ring) <i>Post 1995 Valve/Update Kit</i>	41611	1
T500 Pre 1995 Full Repair Kit	44405	1
T500 Oil Side Rebuild/Update Kit	39048	1
<sup>(3)</sup> Main Stem	02-013	1
<sup>(3)</sup> Seat Ring Upper	01-052-01	1
<sup>(3)</sup> Purge Seat Ring	01-053	1
<sup>(3)</sup> Seat Ring Gasket	40-005	1
<sup>(4)</sup> Oil Stem	02-109	1
<sup>(4)</sup> Oil Seat Ring	02-106	1
<sup>(4)</sup> Seat Ring Gasket	40-005	1
Packing Set, TFE V-Ring	39-004	2
Packing Disk Spring (4 required per each Packing Set)	44-004	8
Body Gasket	40-003	2
Packing Nut	01-051	2
Oil Valve Return Spring	44-002	1
Spring Seat	01-219	1
Seat Ring Wrench	85-006	1
Tandem Cylinder Actuator Assembly (Buna): Front Mounted, 1998-present	37110	1
Tandem Cylinder Actuator Assembly (Viton): Front Mounted, 1998-present	37111	1
Tandem Cylinder Actuator Assembly (Buna): Side Mounted, pre 1998	08-015-01	1
Tandem Cylinder Actuator Assembly (Viton): Side Mounted, pre 1998	08-015-02	1
Speed Control	37421	1
Flange Assembly (Top or Bottom)	41204	2

<sup>1</sup> Internal Rebuild Kit contains: (1) 01-053 Seat Ring Purge, (1) 01-052-01 Seat Ring Std., (1) 02-013 Stem Main, (1) 02-109 Stem Oil, (1) 02-106 Seat Ring Assy, (2) 39-004 Packing Set V-Ring TFE, (8) 44-004 Spring Packing Disc Bell, (2) 40-003 Gasket Body, (2) 40-005 Gasket Seat Ring, (2) 01-232 Packing Follower, (1) 44-002 Spring Die Rtn Oil

<sup>2</sup> Internal Rebuild Kit contains: (1) 01-053 Seat Ring Purge, (1) 01-052-02 Seat Ring Cooling Stem, (1) 02-013 Stem Main, (1) 02-109 Stem Oil, (1) 02-106 Seat Ring Assy, (2) 39-004 Packing Set V-Ring TFE, (8) 44-004 Spring Packing Disc Bell, (2) 40-003 Gasket Body, (2) 40-005 Gasket Seat Ring, (2) 01-232 Packing Follower, (1) 44-002 Spring Die Rtn Oil

<sup>3</sup> These components must be replaced as a group.

<sup>4</sup> These components must be replaced as a group.

## SPARE PARTS LIST

T1000/T2000 SERIES – Oil Valve	PART #	QUANTITY PER VALVE
T1000 Full Repair Kit		1
<sup>(1)</sup> T1000 Internal Rebuild Kit (Standard Seat Ring) <i>Post 1995 Valve/Update Kit</i>	41612	1
<sup>(2)</sup> T1000 Internal Rebuild Kit (High Temp Main Stem & Packing) <i>Post 1995 Valve/Update Kit</i>	41614	1
<sup>(3)</sup> T1000 Internal Rebuild Kit (with Cooling Steam Seat Ring) <i>Post 1995 Valve/Update Kit</i>	41613	1
T1000 Oil Side Rebuild/Update Kit	39049	1
T2000 Oil Side Rebuild/Update Kit	39050	1
<sup>(4)</sup> Main Stem (T1000)	02-002-01	1
<sup>(4)</sup> Main Stem (T2000)	02-002-10	1
<sup>(4)</sup> Seat Ring Upper	01-013-01	1
<sup>(4)</sup> Purge Seat Ring	01-011	1
<sup>(4)</sup> Seat Ring Gasket	40-026	1
<sup>(5)</sup> Oil Stem	02-107-01	1
<sup>(5)</sup> Oil Seat Ring (T1000)	02-108	1
<sup>(5)</sup> Oil Seat Ring (T2000)	02-110	1
<sup>(5)</sup> Seat Ring Gasket	40-026	1
Cooling Steam Seat Ring Upper	01-013-02	1
Packing Nut	01-012	2
Packing Spring	44-001	2 <sup>(6)</sup>
Oil Valve Return Spring	44-023	1
Packing Set, TFE V-Ring	39-001-01	2
Body Gasket	40-001	2
Seat Ring Wrench	85-002	1
Tandem Cylinder Actuator Assembly (Buna): Front Mounted, 1998-present	37108	1
Tandem Cylinder Actuator Assembly (Viton): Front Mounted, 1998-present	37109	1
Tandem Cylinder Actuator Assembly (Buna): Side Mounted, pre 1998	08-002-01	1
Tandem Cylinder Actuator Assembly (Viton): Side Mounted, pre 1998	08-002-02	1
Hydraulic Actuator H31 110 VAC NEMA 4 (Fail Closed)	12-001-01	1
Hydraulic Actuator H35 110 VAC NEMA 4 (Fail in Last)	12-002-01	1
Hydraulic Actuator H31 220 VAC NEMA 4 (Fail Closed)	12-001-02	1
Hydraulic Actuator H35 220 VAC NEMA 4 (Fail in Last)	12-002-02	1
Pressure Switch for Hydraulic Actuators (H31/H35)	11-015	1
Oil for Hydraulic Actuators (4 Pints needed per each actuator)	11-003	4
Speed Control	37421	1
Top Flange Assembly	41203	1
Bottom Flange Assembly	41202	1

<sup>1</sup> Internal Rebuild Kit contains: (1) 01-011 Seat Ring Purge, (1) 01-013-01 Seat Ring Std., (1) 02-002-01 Stem Main Std., (2) 44-001 Spring Packing, (2) 39-001-01 Packing Set V-Ring TFE, (2) 40-026 Gasket Seat Ring, (1) 02-108 Seat Ring Assy, (1) 02-107-01 Stem Oil, (1) 44-023 Spring Die Rtn Oil, (2) 40-001 Gasket Body

<sup>2</sup> Internal Rebuild Kit contains: (1) 01-011 Seat Ring Purge, (1) 01-013-01 Seat Ring Std., (1) 02-002-02 Stem Main High Temp., (2) 44-001 Spring Packing, (1) 39-001-02 Packing Set High Temp (1) 39-001-01 Packing Set V-Ring TFE, (2) 40-026 Gasket Seat Ring, (1) 02-108 Seat Ring Assy, (1) 02-107-01 Stem Oil, (1) 44-023 Spring Die Rtn Oil, (2) 40-001 Gasket Body

<sup>3</sup> Internal Rebuild Kit contains: (1) 01-011 Seat Ring Purge, (1) 01-013-02 Seat Ring Cooling Steam, (1) 02-002-01 Stem Main Std., (2) 44-001 Spring Packing, (2) 39-001-01 Packing Set V-Ring TFE, (2) 40-026 Gasket Seat Ring, (1) 02-108 Seat Ring Assy, (1) 02-107-01 Stem Oil, (1) 44-023 Spring Die Rtn Oil, (2) 40-001 Gasket Body

<sup>4</sup> These components must be replaced as a group.

<sup>5</sup> These components must be replaced as a group.

<sup>6</sup> 1 per retrofit kit.

**SPARE PARTS LIST**

**T4200F SERIES – Fabricated Gas Valve System**

DESCRIPTION	PART #	QUANTITY PER VALVE
Buna Seal Kit <sup>(1)</sup>	09-006-01	1
Viton Seal Kit <sup>(2)</sup>	09-006-02	1
Flange Gasket	40-011	1
Seat Ring Gasket	40-013	2
Piston Gasket	40-008	1
Spring Bucket Gasket	40-012	1
Spring Bucket Assembly	02-086	1

<sup>1</sup> Kit Contains: 41-037-01 Wiper Rod 8600, 41-038-01 Seal U-Cup 840, 41-045-01 Seal Vent T4200F Buna, 41-044-01 Seal Vlv In/Out 4200F, 41-039-01 Seal U-Cup 840, 40-011 Gasket Bottom Flgd, 40-013 Gasket Seat Ring T4200F, 40-012 Gasket Spring Bucket, 40-008 Gasket Piston, 41-011-01 Seal U-Cup 840, 47-016 Bearing Strip Piston, 41-042-01 Wiper Rod 8600, 41-043-01 Seal U-Cup 840, 41-018-01 O Ring 049 Buna-N, 41-080 O Ring 325 Buna-N.

<sup>2</sup> Kit Contains: 41-037-02 Wiper Rod 8600, 41-038-02 Seal U-Cup 840, 41-045-02 Seal Vent T4200F Viton, 41-044-02 Seal Vlv In/Out 4200F, 41-039-02 Seal U-Cup 840, 40-011 Gasket Bottom Flgd, 40-013 Gasket Seat Ring T4200F, 40-012 Gasket Spring Bucket, 40-008 Gasket Piston, 41-011-02 Seal U-Cup 840, 47-016 Bearing Strip Piston, 41-042-02 Wiper Rod 8600, 41-043-02 Seal U-Cup 840, 41-018-02 O Ring 049 Viton, 41-079 O Ring 325 Viton.

**T4300F SERIES – Fabricated Gas Valve System**

DESCRIPTION	PART #	QUANTITY PER VALVE
Buna Seal Kit <sup>(3)</sup>	09-005-01	1
Viton Seal Kit <sup>(4)</sup>	09-005-02	1
Flange Gasket	40-024	1
Seat Ring Gasket	40-009	2
Piston Gasket	40-014	1
Spring Bucket Gasket	40-023	1
Spring Bucket Assembly	02-023	1

<sup>3</sup> Kit Contains: 41-027-01 Wiper Rod 8600, 41-028-01 Seal U-Cup 840, 41-025-01 Seal Vent T4300F Buna, 41-023-01 Seal Vlv In/Out 4300F, 41-029-01 Seal U-Cup 840, 40-024 Gasket Bottom Flgd, 40-009 Gasket Seat Ring T4300F, 40-023 Gasket Spring Bucket, 40-014 Gasket Piston, 41-031-01 Seal U-Cup 841, 47-010 Bearing Strip Piston, 41-027-01 Wiper Rod 8600, 41-035-01 Seal U-Cup 840, 41995 O Ring 265 Buna-N, 41-075 O Ring 333 Buna-N, 38509 O Ring 142 Buna-N.

<sup>4</sup> Kit Contains: 41-027-02 Wiper Rod 8600, 41-028-02 Seal U-Cup 840, 41-025-02 Seal Vent T4300F Viton, 41-023-02 Seal Vlv In/Out 4300F, 41-029-02 Seal U-Cup 840, 40-024 Gasket Bottom Flgd, 40-009 Gasket Seat Ring T4300F, 40-023 Gasket Spring Bucket, 40-014 Gasket Piston, 41-031-02 Seal U-Cup 841, 47-010 Bearing Strip Piston, 41-027-02 Wiper Rod 8600, 41-035-02 Seal U-Cup 840, 41996 O Ring 265 Viton, 41-076 O Ring 333 Viton, 38510 O Ring 142 Viton.

**T4400F SERIES – Fabricated Gas Valve System**

DESCRIPTION	PART #	QUANTITY PER VALVE
Buna Seal Kit <sup>(5)</sup>	09-002-01	1
Viton Seal Kit <sup>(6)</sup>	09-002-02	1
Flange Gasket	40-006	1
Seat Ring Gasket	40-010	2
Piston Gasket	40-015	1
Spring Bucket Gasket	40-007	1
Spring Bucket Assembly	02-024	1

<sup>5</sup> Kit Contains: 41-027-01 Wiper Rod 8600, 41-028-01 Seal U-Cup 840, 41-030-01 Seal U-Cup 840, 40-006 Gasket Bottom Flgd, 40-010 Gasket Seat Ring T4400F, 40-007 Gasket Spring Bucket, 40-015 Gasket Piston, 41-031-01 Seal U-Cup 841, 47-010 Bearing Strip Piston, 41-034-01 Wiper Rod 8600, 41-036-01 Seal U-Cup 840, 41995 O Ring 265 Buna-N, 41-024-01 Seal Vlv In/Out 4400F, 41-026-01 Seal Vent T4400F Buna, 41-075 O Ring 333 Buna-N, 2460 O Ring 237 Buna-N.

<sup>6</sup> Kit Contains: 41-027-02 Wiper Rod 8600, 41-028-02 Seal U-Cup 840, 40-006 Gasket Bottom Flgd, 40-010 Gasket Seat Ring T4400F, 40-007 Gasket Spring Bucket, 40-015 Gasket Piston, 41-031-02 Seal U-Cup 841, 47-010 Bearing Strip Piston, 41-034-02 Wiper Rod 8600, 41-036-02 Seal U-Cup 840, 41996 O Ring 265 Viton, 41-030-02 Seal U-Cup 840, 41-024-02 Seal Vlv In/Out 4400F, 41-026-02 Seal Vent T4400F Viton, 41-076 O Ring 333 Viton, 38817 O Ring 237 Viton.

**T4600F SERIES – Fabricated Gas Valve System**

DESCRIPTION	PART #	QUANTITY PER VALVE
Buna Seal Kit <sup>(1)</sup>	09-007-01	1
Viton Seal Kit <sup>(2)</sup>	09-007-02	1
Flange Gasket	40-016	1
Seat Ring Gasket	40-017	2
Piston Gasket	40-019	1
Spring Bucket Gasket	40-018	1
Spring Bucket Assembly	02-042	1

<sup>1</sup> Kit Contains: 41-050-01 Wiper Rod 8600, 41-049-01 Seal U-Cup 840, 41-048-01 Seal Vent T4600F Buna, 41-047-01 Seal Vlv In/Out 4600F, 41-051-01 Seal U-Cup 840, 40-016 Gasket Bottom Flgd, 40-017 Gasket Seat Ring T4600F, 40-018 Gasket Spring Bucket, 40-019 Gasket Piston, 41-053-01 Seal U-Cup 841, 47-025 Bearing Strip Piston, 41-050-01 Wiper Rod 8600, 41-049-01 Seal U-Cup 840, 41-052-01 O Ring 274 Buna-N, 41-077 O Ring 339 Buna-N.

<sup>2</sup> Kit Contains: 41-050-02 Wiper Rod 8600, 41-049-02 Seal U-Cup 840, 41-048-02 Seal Vent T4600F Viton, 41-047-02 Seal Vlv In/Out 4600F, 41-051-02 Seal U-Cup 840, 41-052-02 O Ring 274 Viton, 40-016 Gasket Bottom Flgd, 40-017 Gasket Seat Ring T4600F, 40-018 Gasket Spring Bucket, 40-019 Gasket Piston, 41-053-02 Seal U-Cup 841, 47-025 Bearing Strip Piston, 41-050-02 Wiper Rod 8600, 41-049-02 Seal U-Cup 840, 41-052-02 O Ring 274 Viton, 41-078 O Ring 339 Viton.

**T4100C – Cast Gas Valve System**

DESCRIPTION	PART #	QUANTITY PER VALVE
Main Valve Assembly Repair Kit <sup>(3)</sup>	09-014	1
Seat Ring Wrench (used to replace static gasket only)	38861	1
Spring Assembly Tool	85-034	1
Protective Sleeve	38988	1
Internal SPDT Nema 4 Limit Switch (Must Order w/Part# 41201)	25-026	1
Switch Roller Actuator (for Internal SPDT Nema 4 Limit Switch)	41201	1

<sup>3</sup> Kit Contains: 41-067,O Ring 033 Buna-N, 41-060,Seal Vlv Outlet T4100C, 41-061,Seal Vent T4100C Buna-, 41-062,Seal Vlv Inlet T4100C, 41-035-01 Seal U-Cup 840, 41-066,O Ring 037 Buna-N, 41-064,Seal U-Cup 840, 41-065,O Ring 035 Buna-N, 47-033,Sleeve Outlet Shaft T4100C, 41-063,Piston Seal T4100 Buna-N, 44-020, Wave Spring T4100C.

**T4100C SOLENOIDS**

PETER PAUL				
Voltage	Single Coil / Nema 4		Single Coil / Nema 7	
	Part #	Price Each	Part #	Price Each
110VAC	20-033-01	C.F.	20-033-07	C.F.
220VAC	20-033-02	C.F.	20-033-08	C.F.
24VDC	20-033-10	C.F.	20-033-13	C.F.
48VDC	20-033-05	C.F.	20-033-11	C.F.
125VDC	20-033-03	C.F.	20-033-09	C.F.
12VDC	20-033-06	C.F.	20-033-12	C.F.

VERSA (since 2004)					VERSA (pre-2004)	
Voltage	Single Coil / Nema 4		Single Coil / Nema 7		Dual Coil / Nema 4	
	Part #	Price Each	Part #	Price Each	Part #	Price Each
110VAC	42124	C.F.	42780	C.F.	37051	C.F.
220VAC	42775	C.F.	42781	C.F.	37052	C.F.
24VDC	42776	C.F.	42782	C.F.	37055	C.F.
48VDC	42777	C.F.	42783	C.F.	37054	C.F.
125VDC	42778	C.F.	42784	C.F.	37053	C.F.
12VDC	42779	C.F.	42785	C.F.	37056	C.F.

Voltage	Dual Coil / Nema 4		Dual Coil / Nema 7	
	Part #	Price Each	Part #	Price Each
110VAC	42786	C.F.	42792	C.F.
220VAC	42787	C.F.	42793	C.F.
24VDC	42788	C.F.	42794	C.F.
48VDC	42789	C.F.	42795	C.F.
125VDC	42790	C.F.	42796	C.F.
12VDC	42791	C.F.	42797	C.F.

C.F.: Consult Factory for Pricing

## SPARE PARTS LIST

### T4150C SERIES – Gas Valve

DESCRIPTION	PART #	QUANTITY PER VALVE
Buna Seal Repair Kit <sup>(1)</sup>	43035	1
Buna Seal Repair Kit <sup>(2)</sup> with Inlet POC	43036	1
Actuator Repair Kit <sup>(3)</sup>	43039	1
Tool Actuator Disassembly	43032	1
Tool Seat Ring Wrench T4150C	43029	1
Tool Seal Assembly Tool T4150C	43030	1
Tool Seal Protector T4150C	43031	1

<sup>1</sup> Kit Contains: 41-070 O Ring 042 Buna-N, 41798 Spring Return T4150C Inlet, 41756 Seal Inlet T4150C Buna-N, 41-035-01 Seal U-Cup 8405 Buna-N, 41650 O Ring 045 Buna-N, 41-061 Seal Vent T4100 Buna-N, 42994 Spring Wave T4150, 41757 Seal Outlet T4150C Buna-N, 41652 Seal U-Cup 8404 Buna-N, 41651 O Ring 2-223 Buna-N

<sup>2</sup> Kit Contains: 41-070 O Ring 042 Buna-N, 41798 Spring Return T4150C Inlet, 41756 Seal Inlet T4150C Buna-N, (2) 41-035-01 Seal U-Cup 8405 Buna-N, 41650 O Ring 045 Buna-N, 41-061 Seal Vent T4100 Buna-N, 42994 Spring Wave T4150, 41757 Seal Outlet T4150C Buna-N, 41652 Seal U-Cup 8404 Buna-N, 41651 O Ring 2-223 Buna-N, 41-027-01 Rod Wiper 8600

<sup>3</sup> Kit Contains: (1) Rod Wiper, (1) Rod Seal, (1) Bushing O Ring, (2) Tube Seal, (1) Wear Band, (1) Low Friction Seal

### T4200C SERIES – Gas Valve

DESCRIPTION	PART #	QUANTITY PER VALVE
Buna Seal Repair Kit <sup>(4)</sup>	43037	1
Buna Seal Repair Kit <sup>(5)</sup> with Inlet POC	43038	1
Actuator Repair Kit <sup>(3)</sup>	43039	1
Tool Actuator Disassembly	43032	1
Tool Seat ring Wrench T4200C	43026	1
Tool Seal Assembly Tool T4200C	43027	1
Tool Seal Protector T4200C	43028	1

<sup>4</sup> Kit Contains: 41650 O Ring 045 Buna-N, 41799 Spring Return T4200C Inlet, 41904 Seal Inlet T4200C Buna-N, 41-039-01 Seal U-Cup 8405 Buna-N, 41887 O Ring 048 Buna-N, 41877 Seal Vent T4200C Buna-N, 44-013 Spring Wave T4200, 41905 Seal Outlet T4200C Buna-N, 41886 Seal U-Cup 8404 Buna-N, 41651 O Ring 2-223 Buna-N

<sup>5</sup> Kit Contains: 41650 O Ring 045 Buna-N, 41799 Spring Return T4200C Inlet, 41904 Seal Inlet T4200C Buna-N, (2) 41-039-01 Seal U-Cup 8405 Buna-N, 41887 O Ring 048 Buna-N, 41877 Seal Vent T4200C Buna-N, 44-013 Spring Wave T4200, 41905 Seal Outlet T4200C Buna-N, 41886 Seal U-Cup 8404 Buna-N, 41651 O Ring 2-223 Buna-N, 41907 Rod Wiper 8600

### VERSA SOLENOIDS: FOR T4150C and T4200C MODELS

DESCRIPTION	VOLTAGE	PART #
<b>Single Coil / Nema 4, 4X</b>		
VPCV-60A-110AC	110VAC	42124
VPCV-60A-220AC	220VAC	42775
VPCV-60A-24DC	24VDC	42776
VPCV-60A-48DC	48VDC	42777
VPCV-60A-125DC	125VDC	42778
VPCV-60A-12DC	12VDC	42779
<b>Dual Coil / Nema 4, 4X</b>		
VPCV-60C-110AC	110VAC	42786
VPCV-60C-220AC	220VAC	42787
VPCV-60C-24DC	24VDC	42788
VPCV-60C-48DC	48VDC	42789
VPCV-60C-125DC	125VDC	42790
VPCV-60C-12DC	12VDC	42791
<b>Single Coil / Nema 7</b>		
VPCV-60B-110AC	110VAC	42780
VPCV-60B-220AC	220VAC	42781
VPCV-60B-24DC	24VDC	42782
VPCV-60B-48DC	48VDC	42783
VPCV-60B-125DC	125VDC	42784
VPCV-60B-12DC	12VDC	42785
<b>Dual Coil / Nema 7</b>		
VPCV-60D-110AC	110VAC	42792
VPCV-60D-220AC	220VAC	42793
VPCV-60D-24DC	24VDC	42794
VPCV-60D-48DC	48VDC	42795
VPCV-60D-125DC	125VDC	42796
VPCV-60D-12DC	12VDC	42797

## SPARE PARTS LIST

### MICRO-SWITCH LIMIT SWITCH

DESCRIPTION	CONTACTS	NEMA CLASS	WHERE USED	PART #	QTY. <sup>(4)</sup> PER VALVE
Oil Valve Open/Closed Limit Switch <sup>(3)</sup> Gas Valve Proof of Closure Limit Switch <sup>(3)</sup>	SPDT	4	T500, T1000, T2000 T4200F, T4300F, T4400F, T4600F, T4100C <sup>(1)</sup> , T4150C, T4200C	25-005-01	2 <sup>(2)</sup>
Oil Valve Open/Closed Limit Switch <sup>(3)</sup> Gas Valve Proof of Closure Limit Switch <sup>(3)</sup>	SPDT	7	T500, T1000, T2000 T4200F, T4300F, T4400F, T4600F, T4100C <sup>(1)</sup> , T4150C, T4200C	25-016-01	2 <sup>(2)</sup>
Oil Valve Open/Closed Limit Switch <sup>(3)</sup> Gas Valve Proof of Closure Limit Switch <sup>(3)</sup>	DPDT	4	T500, T1000, T2000 T4200F, T4300F, T4400F, T4600F, T4100C <sup>(1)</sup> , T4150C, T4200C	25-005-02	2 <sup>(2)</sup>
Oil Valve Open/Closed Limit Switch <sup>(3)</sup> Gas Valve Proof of Closure Limit Switch <sup>(3)</sup>	DPDT	7	T500, T1000, T2000 T4200F, T4300F, T4400F, T4600F, T4100C <sup>(1)</sup> , T4150C, T4200C	25-016-02	2 <sup>(2)</sup>
Proof of Closure Switch	SPDT	4	T500, T1000, T2000	25-007-01	1
Proof of Closure Switch	SPDT	7	T1000, T2000	25-017-01	1
Proof of Closure Switch	DPDT	4	T500, T1000, T2000	25-007-02	1
Proof of Closure Switch	DPDT	7	T1000, T2000	25-017-02	1

### SWITCH ROLLER ACTUATORS

DESCRIPTION	CONTACTS	NEMA CLASS	WHERE USED	PART #	QTY. <sup>(4)</sup> PER VALVE
Oil/Gas Igniter Valve Open/Closed Limit Switch <sup>(3)</sup>	SPDT/DPDT	4	T500, T1000, T2000, T4150C, T4200C	25-030	2
Oil/Gas Igniter Valve Open/Closed Limit Switch <sup>(3)</sup>	SPDT/DPDT	7	T1000, T2000, T4150C, T4200C	25-036	2
Gas Valve Proof of Closure Limit Switch <sup>(3)</sup>	SPDT/DPDT	4	T4200F, T4300F, T4400F, T4600F, T4100C <sup>(1)</sup>	25-006	1
Gas Valve Proof of Closure Limit Switch <sup>(3)</sup>	SPDT/DPDT	7	T4200F, T4300F, T4400F, T4600F, T4100C <sup>(1)</sup>	25-034	1

<sup>1</sup> External Brackets Required.

<sup>2</sup> T4100C, T4150C & T4200C require only 1 switch unless equipped with optional Open Limit Switch (T4150C and T4200C can also be equipped with optional second Proof of Closure Switch).

<sup>3</sup> Switch does not include roller actuator.

<sup>4</sup> Oil valves require both an Open and Closed Limit Switch along with a Proof of Closure Limit Switch.

**SPARE PARTS LIST  
VERSA RETROFIT KITS**

<b>T4200F - T4600F GAS VALVES <sup>(1)</sup></b>								
Valve Type	<b>T4200F <sup>(2)</sup></b>		<b>T4300F <sup>(2)</sup></b>		<b>T4400F <sup>(2)</sup></b>		<b>T4600F <sup>(2)</sup></b>	
Fail Mode <sup>(3)</sup>	Single Coil	Dual Coil	Single Coil	Dual Coil	Single Coil	Dual Coil	Single Coil	Dual Coil
	Price each	Price each	Price each	Price each	Price each	Price each	Price each	Price each
Nema 4, 4X	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.
Nema 7	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.

<sup>1</sup> Kit Includes Versa Solenoid, Actuator Top Cap, & Required Solenoid Mounting Hardware.

<sup>2</sup> Must Specify Valve Size, Failure Mode, Actuator Seal Material (Buna or Viton), Solenoid Voltage, Hazardous Classification (Non-Hazardous or Class 1 Division 2), and Closure Speed (Std. or <1 sec.).

<sup>3</sup> Single Coil - Fail Closed, Dual Coil - Fail in Last.

<b>T500/T1000/T2000 OIL VALVES <sup>(4)</sup></b>	
Valve Size	Kit Part #
T500	37410
T1000	37410
T2000	37410

<sup>4</sup> Kit Includes Manifold Block, Adapter Block, & Mounting Hardware. 2 Versa Solenoids are Required per Kit. See Below For Solenoid Part #'s & Prices.

**VERSA SOLENOIDS: FOR T500/T1000/T2000 <sup>(5)</sup> and T4200F - T4600F <sup>(6)</sup> MODELS**

DESCRIPTION	VOLTAGE	PART #
<b>Single Coil / Nema 4, 4X</b>		
VPCV-57A-110AC	110VAC	37045
VPCV-57A-220AC	220VAC	37039
VPCV-57A-24DC	24VDC	37042
VPCV-57A-48DC	48VDC	37041
VPCV-57A-125DC	125VDC	37040
VPCV-57A-12DC	12VDC	37043
<b>Dual Coil / Nema 4, 4X</b>		
VPCV-57C-110AC	110VAC	37051
VPCV-57C-220AC	220VAC	37052
VPCV-57C-24DC	24VDC	37055
VPCV-57C-48DC	48VDC	37054
VPCV-57C-125DC	125VDC	37053
VPCV-57C-12DC	12VDC	37056
<b>Single Coil / Nema 7</b>		
VPCV-57B-110AC	110VAC	37044
VPCV-57B-220AC	220VAC	37046
VPCV-57B-24DC	24VDC	37049
VPCV-57B-48DC	48VDC	37048
VPCV-57B-125DC	125VDC	37047
VPCV-57B-12DC	12VDC	37050
<b>Dual Coil / Nema 7</b>		
VPCV-57D-110AC	110VAC	37057
VPCV-57D-220AC	220VAC	37058
VPCV-57D-24DC	24VDC	37061
VPCV-57D-48DC	48VDC	37060
VPCV-57D-125DC	125VDC	37059
VPCV-57D-12DC	12VDC	37062

<sup>5</sup> Requires 2 Solenoids per Valve.

<sup>6</sup> Requires 1 Solenoid per Valve.

**VERSA QUICK EXHAUST MODULE: FOR T4200F - T4600F <sup>(6)</sup> MODELS**

DESCRIPTION	PART #
Quick Exhaust Module	41238

<sup>6</sup> Requires 1 Solenoid per Valve.

C.F.: Consult Factory