

Viper Industrial Series

ST-2510/5016-PV



Black Knight



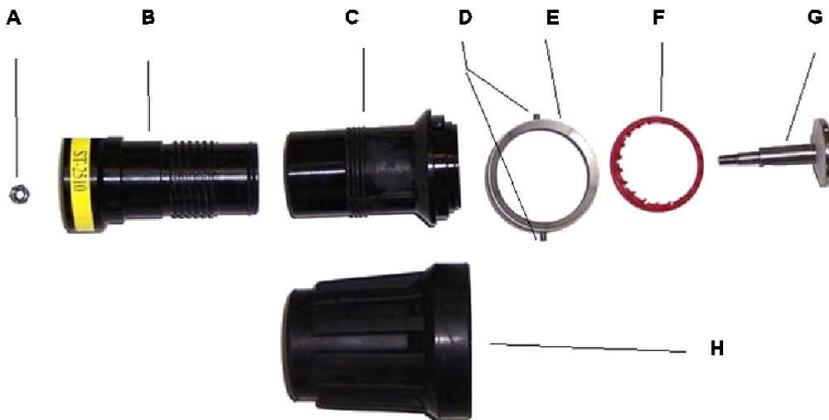
VTE-2510



ST-2510/5016



STYLE	NOZZLE PRES-SURE (psi)	NOZZLE FLOW (gpm)	STREAM SET-TING	EFFECTIVE REACH
ST-2510 (PV)	75	82	SS	108
		85	45° fog	36
	100	95	SS	118
		99	45° fog	39
	150	116	SS	128
		121	45° fog	39
ST-5016 (PV)	75	95	SS	115
		95	45° fog	36
	100	110	SS	125
		110	45° fog	39
	150	135	SS	131
		135	45° fog	43
VTE-2510/ BLACKNIGHT	75	82	SS	89
		87	45° fog	36
	100	95	SS	95
		100	45° fog	36
	150	116	SS	108
		123	45° fog	39



ST2510 AND ST5016 TIP BOM			
REFERENCE	PART NAME	PART #	QUANTITY
A	LOCK NUT	V-LCKNT-IND	1
B	INNER BARREL	V-INNERBARREL-IND	1
C	OUTER BARREL	V-OUTRBRRL-IND	1
D	SET SCREW	V-SETPIN-RR-3012	2
E	RETAINER RING	V-RTNRRNG-IND	1
F	SPINNING TEETH	V-TEETH-3012	1
G	SPINDLE SHAFT	V-SPNDLSHFT-IND	1
G*	SPINDLE SHAFT	V-SPNDLSHFT-IND125	1
H	BUMPER	V- BUMPER-IND	1

NOTE: IF PLASTIC TIP FAILS IT NEEDS TO BE RE-

 **C & S Supply, Inc.**

6342 East County Road 18, Johnstown, Colorado 80534

Ph: 970-663-4966 • Toll Free: 888-663-4966 • Fax: 970-663-3878 • www.CSSupplyInc.com

(VALVE PORTION) VB1560 and VB3012 BOM			
REFERENCE	PART NAME	PART #	QUANTITY
1	1" GASKET	GASKET_1	1
1a	1.5" GASKET	GASKET_15	1
2	1" SWIVEL	V-1" SWIVEL	1
2a	1.5" SWIVEL	V-1.5" SWIVEL	1
3	SWIVEL O-RING	V-ORING-SW-3012	1
4	BALL	V-BALL-3012	1
5	PISTOL GRIP	V-PG15V	1
6	BALL LOCATOR (2 PIECES)	V-BALLLOC-3012	1
7			
8	PISTOL GRIP SET PIN	V-SETPIN-3012	1
9	VALVE BODY	VLVBDY-3012	1
10	SEAT RETAINER (3 PIECES)	V-SEATRTNR-3012	1
11			
12			
13	BALL ACUATOR (2 PEICES)	V-BALLACT-3012	1
14			
15	PAN HEAD COVER	V-PANHEAD-3012	1
16	SWIVEL SET PIN	V-SETPIN-3012	1
17	BALL BEARINGS	V-BEARINGS-3012	32
18	HANDLE (BAIL)	V-HANDLE-3012	1

SG1560 AVAILABLE KITS		
KIT#	KIT Name	PARTS CONTAINED
VNRK-1560	VIPER NOZZLE REPAIR KIT SG1560	A,D,E,F,G,H 1,3,4,5,6,7,8,10,11,12,13,14,15,16,17,18
VVRK-3012	Valve Repair Kit Small	1,1a,3,4,6,7,10,11,12,13,14,15,16,17,18
VBSC-3012	Ball & Seat Combo Small	4,10,11,12
V-HH5-3012	Handle Hardware Small	6,7,13,14,15
V-SWKIT1560	Swivel Kit 1" Small	1,3,16,17
V-SWKIT3012	Swivel Kit 1.5" Small	1a,3,16,17

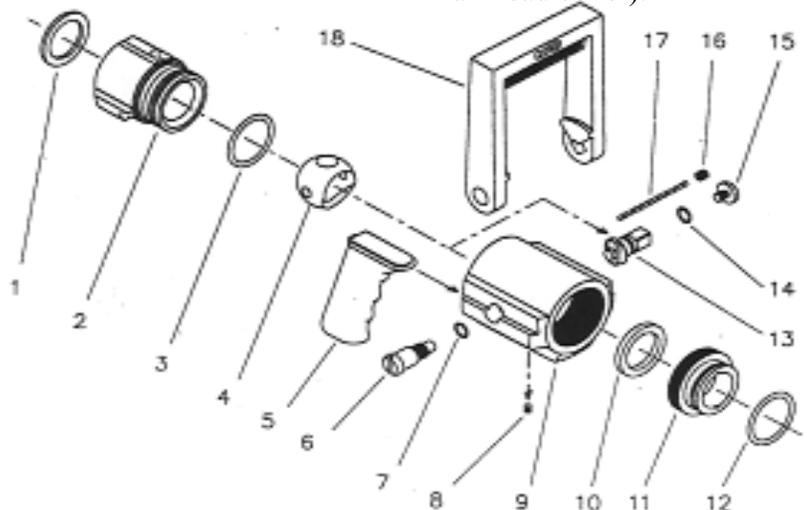
DANGER

**PLEASE BE RESPONSIBLE!
PLEASE BE CAREFUL!**

THE USER OF THIS EQUIPMENT IS
PERSONALLY RESPONSIBLE FOR THE
FOLLOWING:

1. You need to know and understand that Fire-fighting and Emergency response is dangerous and proper training is needed.
2. You need to be physically fit and skillful in the use of any equipment that you may need to use.
3. You need to know that your equipment is in proper working order.
4. You need to know carelessness or negligence may result in injury or death.

**PLEASE BE RESPONSIBLE!
PLEASE BE CAREFUL!**



BALL SHUTOFF USE:

- Open and close the valve slowly to reduce risk of water hammer.
- Pull the bail handle toward the swivel to OPEN the valve.
- Push the bail handle toward the tip of the nozzle to CLOSE the valve.

TIP USE:

- Rotate the rubber bumper on the end to select spray pattern.
- Twist the tip to the right past straight stream to shut off.
- Tip can be used independently of the ball shutoff to create a "Break-apart" nozzle (**NST MODEL ONLY**)

Maintenance:

- Test nozzle before putting into service.
- Clean nozzle by flushing with water after use.
- Use non-detergent soap to clean dirt from the exterior to reduce wear.
- Regularly check the bail handle screws that they are tight. If taken out use medium thread locker on the threads before reassembly.
- Periodically service your nozzle or have your fire equipment dealer service it.
- Normally serviced parts are the: Ball, Seat assembly, Spinning teeth, and the handle hardware (Ball locator screw, Actuator, Pan head cover).