

ASSEMBLY #	DESCRIPTION		
61454-000	INJECTOR ASSY, #000, 7000		
ITEM #	PART NUMBER	DESCRIPTION	QTY
1	18274-000	NOZZLE, INJECTOR, #000, BROWN	1
2	18275-000	THROAT, INJECTOR, #000, BROWN	1
3	40969-01	CAGE, BALL, MACH, 7000, INJECTOR	1
4	13771-01	O-RING, -012	2
5	BR10209-01	QUAD RING, -010	1
6	40962	BALL, 1/4", POLYPROPYLENE	1
7	41111	DISPERSER	1

ASSEMBLY #	DESCRIPTION		
61454-00	INJECTOR ASSY, #00, 7000		
ITEM #	PART NUMBER	DESCRIPTION	QTY
1	18274-00	NOZZLE, INJECTOR, #00, VIOLET	1
2	18275-00	THROAT, INJECTOR, #00, VIOLET	1
3	40969-01	CAGE, BALL, MACH, 7000, INJECTOR	1
4	13771-01	O-RING, -012	2
5	BR10209-01	QUAD RING, -010	1
6	40962	BALL, 1/4", POLYPROPYLENE	1
7	41111	DISPERSER	1

ASSEMBLY #	DESCRIPTION		
61454-0	INJECTOR ASSY, #0, 7000		
ITEM #	PART NUMBER	DESCRIPTION	QTY
1	18274-0	NOZZLE, INJECTOR, #0, RED	1
2	18275-0	THROAT, INJECTOR, #0, RED	1
3	40969-01	CAGE, BALL, MACH, 7000, INJECTOR	1
4	13771-01	O-RING, -012	2
5	BR10209-01	QUAD RING, -010	1
6	40962	BALL, 1/4", POLYPROPYLENE	1
7	41111	DISPERSER	1

ASSEMBLY #	DESCRIPTION		
61454-1	INJECTOR ASSY, #1, 7000		
ITEM #	PART NUMBER	DESCRIPTION	QTY
1	18274-1	NOZZLE, INJECTOR, #1, WHITE	1
2	18275-1	THROAT, INJECTOR, #1, WHITE	1
3	40969-01	CAGE, BALL, MACH, 7000, INJECTOR	1
4	13771-01	O-RING, -012	2
5	BR10209-01	QUAD RING, -010	1
6	40962	BALL, 1/4", POLYPROPYLENE	1
7	41111	DISPERSER	1

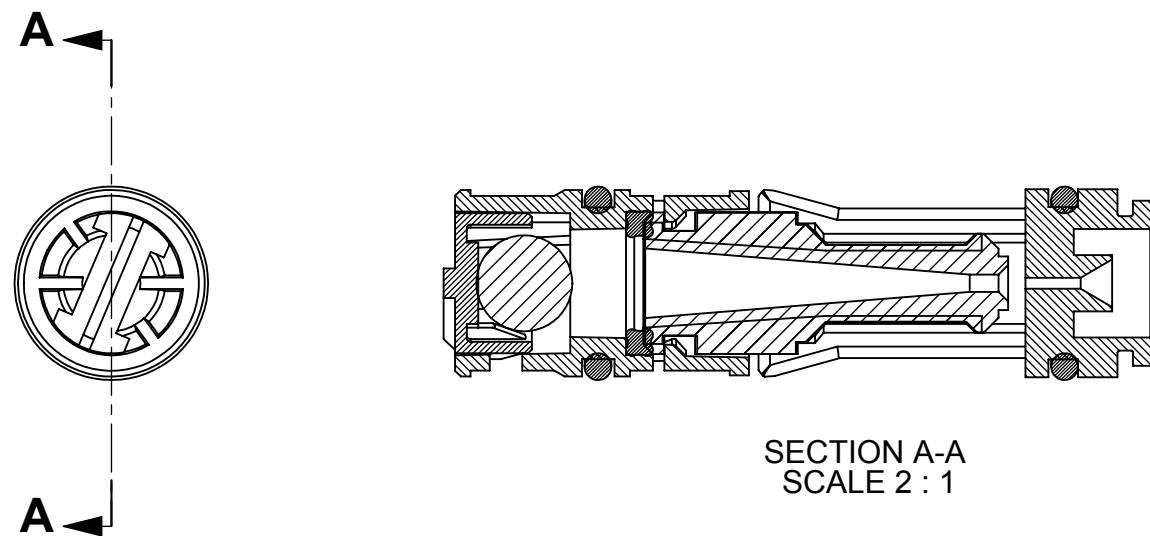
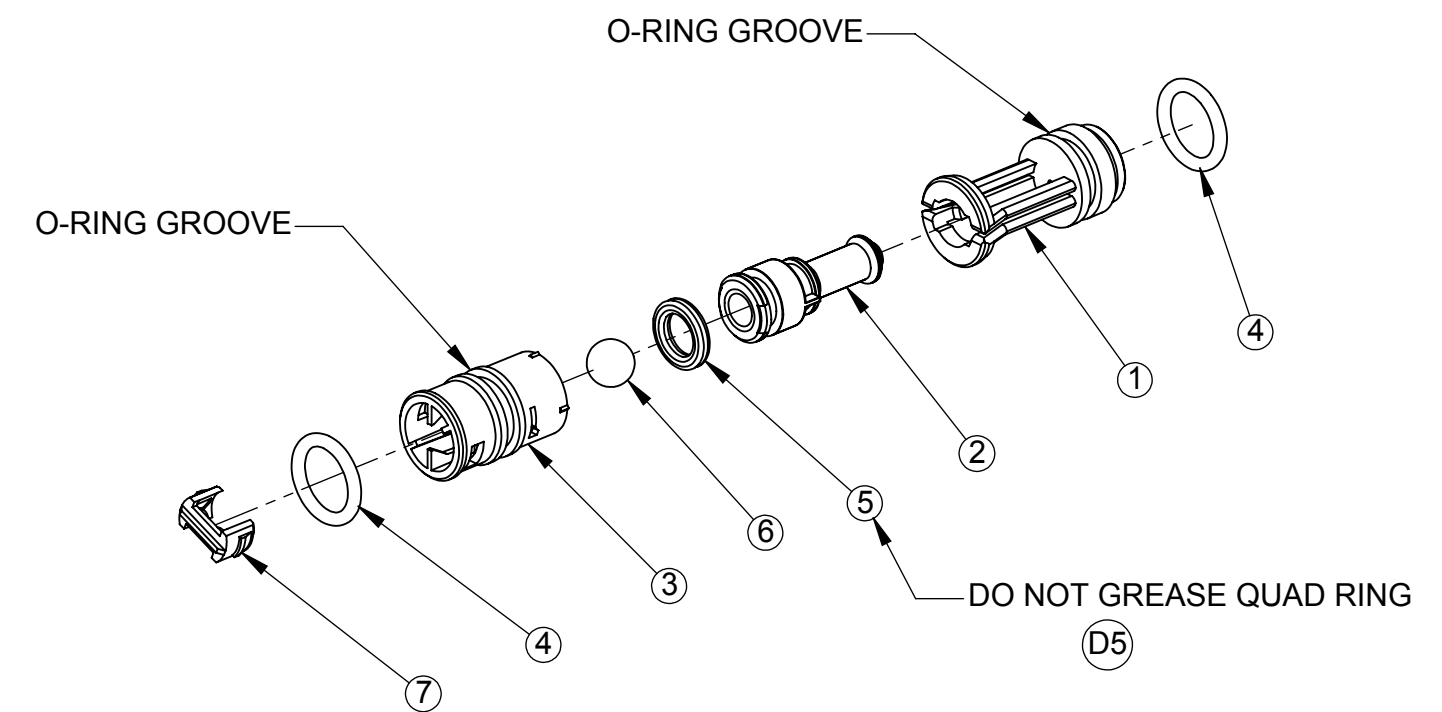
ASSEMBLY #	DESCRIPTION		
61454-2	INJECTOR ASSY, #2, 7000		
ITEM #	PART NUMBER	DESCRIPTION	QTY
1	18274-2	NOZZLE, INJECTOR, #2, BLUE	1
2	18275-2	THROAT, INJECTOR, #2, BLUE	1
3	40969-01	CAGE, BALL, MACH, 7000, INJECTOR	1
4	13771-01	O-RING, -012	2
5	BR10209-01	QUAD RING, -010	1
6	40962	BALL, 1/4", POLYPROPYLENE	1

ASSEMBLY #	DESCRIPTION		
61454-3	INJECTOR ASSY, #3, 7000		
ITEM #	PART NUMBER	DESCRIPTION	QTY
1	18274-3	NOZZLE, INJECTOR, #3, YELLOW	1
2	18275-3	THROAT, INJECTOR, #3, YELLOW	1
3	40969-01	CAGE, BALL, MACH, 7000, INJECTOR	1
4	13771-01	O-RING, -012	2
5	BR10209-01	QUAD RING, -010	1
6	40962	BALL, 1/4", POLYPROPYLENE	1

ASSEMBLY #	DESCRIPTION		
61454-4	INJECTOR ASSY, #4, 7000		
ITEM #	PART NUMBER	DESCRIPTION	QTY
1	18274-4	NOZZLE, INJECTOR, #4, GREEN	1
2	18275-4	THROAT, INJECTOR, #4, GREEN	1
3	40969-01	CAGE, BALL, MACH, 7000, INJECTOR	1
4	13771-01	O-RING, -012	2
5	BR10209-01	QUAD RING, -010	1
6	40962	BALL, 1/4", POLYPROPYLENE	1

ASSEMBLY #	DESCRIPTION		
61454-5	INJECTOR ASSY, #5, 7000		
ITEM #	PART NUMBER	DESCRIPTION	QTY
1	18274-5	NOZZLE, INJECTOR, #5, GRAY	1
2	18275-5	THROAT, INJECTOR, #5, GRAY	1
3	40969-01	CAGE, BALL, MACH, 7000, INJECTOR	1
4	13771-01	O-RING, -012	2
5	BR10209-01	QUAD RING, -010	1
6	40962	BALL, 1/4", POLYPROPYLENE	1

REVISIONS					
ZONE	ECN	REV.	DESCRIPTION	DATE	APP'D
	10646	B	RELEASE DRAWING	03-31-03	PWS
	11246	C	RELEASE PART NUMBERS INTO PRODUCTION, ADDED NOTES 8 & 9.	8-28-03	PWS
	11467	D	D1 WAS KIT, D2 WAS KIT, D3 ADD BAG P/N, D4 REVISED NOTE, D5 ADD NOTE	10-16-03	PWS
	16359	E	UPDATED EXPLODED VIEW; CORRECTED ASSEMBLY MATES; ADDED SECTION VIEW; NO ENGINEERING/SPECIFICATION CHANGES	09-08-06	STM
	16663	F	UPDATED BOM FOR ALL CONFIGURATIONS: 10209-01 WAS 10209	01-12-07	STM



ASSEMBLY INSTRUCTIONS

- 1) BALL (ITEM #6) PLACED INTO CAGE (ITEM #3).
- 2) QUAD RING (ITEM #5) PLACED IN GROOVE INSIDE CAGE (ITEM #3).
- 3) THROAT (ITEM #2) PLACED IN CAGE (ITEM #3) ALIGNING TABS OF CAGE WITH SLOTS IN THROAT FLANGE, WHEN THROAT IS IN PLACE, ROTATE 1/4 TURN (90°).
- 4) NOZZLE (ITEM #1) SNAPPED IN PLACE ON THROAT (ITEM #3).
- 5) O-RING (ITEM #4) PLACED IN GROOVE IN MIDDLE OF CAGE (ITEM #3).
- 6) O-RING (ITEM #4) PLACED IN GROOVE OF NOZZLE (ITEM #1).
- 7) ON ASSEMBLIES -000, -00, -0, -1, DISPERSER (ITEM #7) IS SNAPPED INTO SLOTS OF CAGE (ITEM #3).
- NOTE: DO NOT PUT DISPERSER (ITEM#7) IN CAGE (ITEM #3) OF ASSEMBLIES -2, -3, -4, -5.
- (D3) 8) PLACE ASSEMBLY IN BAG P/N 16895
- (D4) 9) USE SERVICE ASSEMBLY ID LABEL.

LAST MODIFIED: 01/30/2007 11:28

CRITICALITY SYMBOLS PER QPSP-001.2

□ LEVEL I □ LEVEL II ■ LEVEL III

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DO NOT SCALE DRAWING. DIMS. ARE IN INCHES [mm]
INTERPRET DIMS AND TOLERANCES PER ASME Y14.5M -1994
UNLESS OTHERWISE SPECIFIED:
CORNER FILLETS R.005-.020 [127-508]
TOLERANCES:
ANGLES
1 PLACE X ± .5°
2 PLACE XX ± .015
3 PLACE XXX ± .005

PARTS LIST					
THIRD ANGLE PROJECTION		Pentair Water Treatment			
APPROVALS	DATE	P.O. BOX 730 BROOKFIELD, WI 53008-0730			
DRAWN	TJM	03/28/2003	TITLE INJECTOR ASSY, 7000		
CHECKED	NAME	DATE	SIZE	DWG NO.	REV
APPROVED	NAME	DATE	C	61454	F
			SCALE	SOLIDWORKS FORMAT	SHEET 1 OF 1
			1:1		