46-804-00-BK

Rotating High Pressure Arch with Turbo Nozzles

Toll Free: 800-361-7797
Phone: 705-722-7649 | Fax: 705-720-0582
Office Hours: Mon-Fri: 8:00am – 5:00pm EST

MacNeil Wash Systems Limited – Service Division
90 Welham Road
Barrie, ON L4N 8Y4

General Inquiries: info@macneilwash.com
Technical Support: techsupport@macneilwash.com

46-805-00-BK

Rotating High Pressure Arch with V-Jet Nozzles

Toll Free: 800-361-7797
Phone: 705-722-7649 | Fax: 705-720-0582
Office Hours: Mon-Fri: 8:00am – 5:00pm EST

MacNeil Wash Systems Limited – Service Division
90 Welham Road
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Technical Support: techsupport@macneilwash.com

High Pressure Rotating Arch Parts List

Jan. 12, 2017 Rev. A

46-806-00-BK

Rotating High Pressure Arch with Wheel Blaster

Toll Free: 800-361-7797
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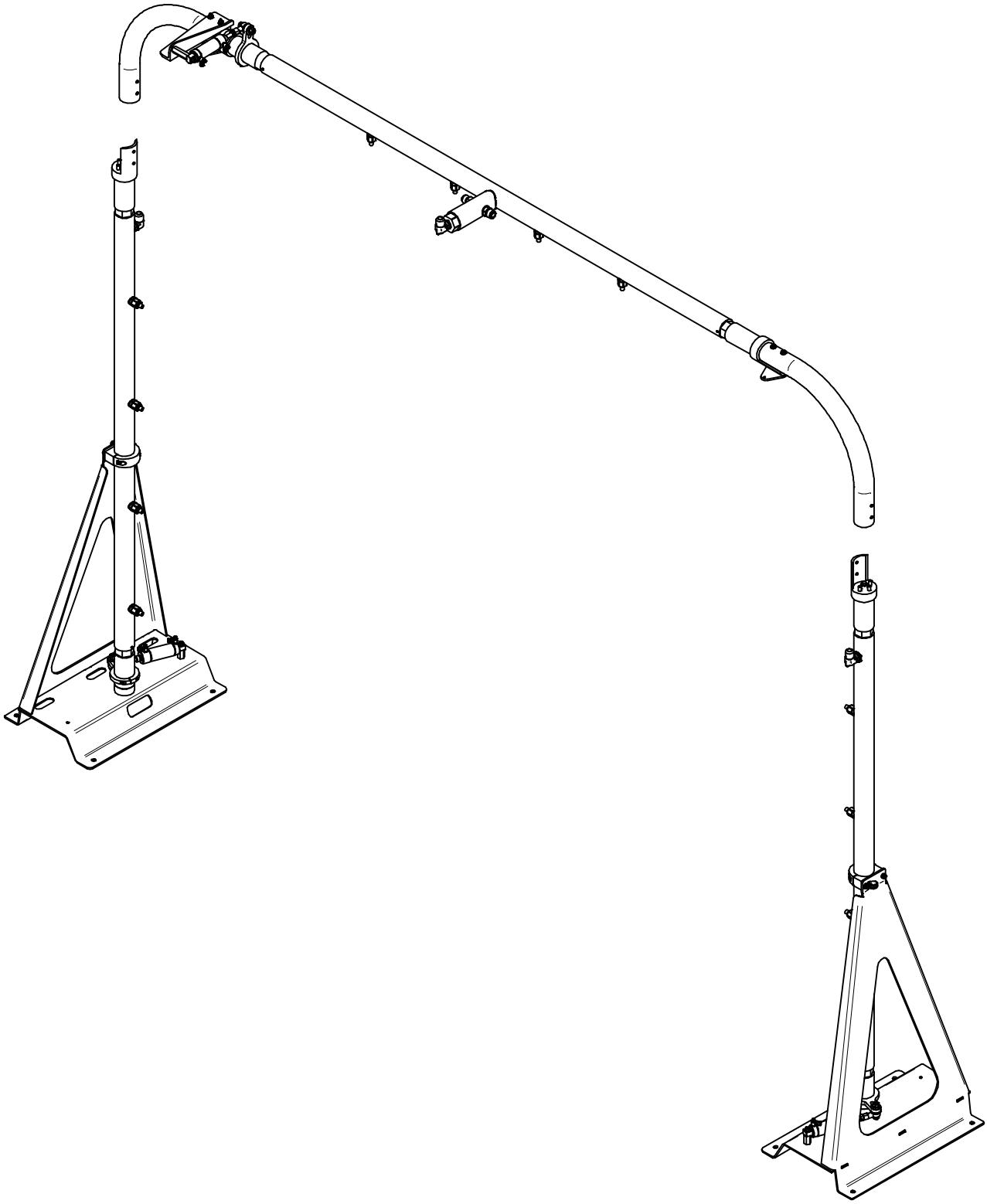
High Pressure Rotating Arch Parts List

Jan. 12, 2017 Rev. A



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High Pressure Rotating Arch Parts List

Jan. 12, 2017 Rev. A

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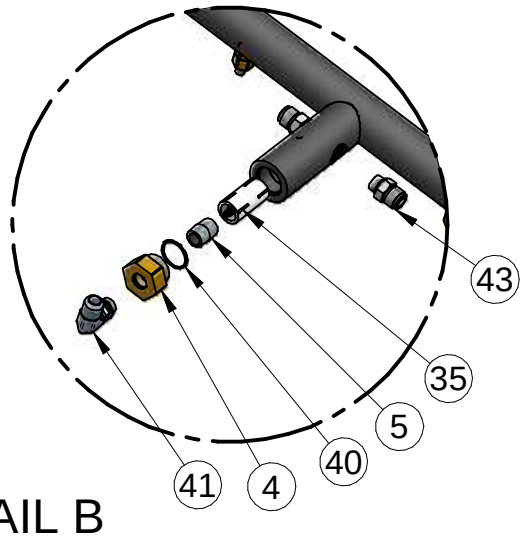

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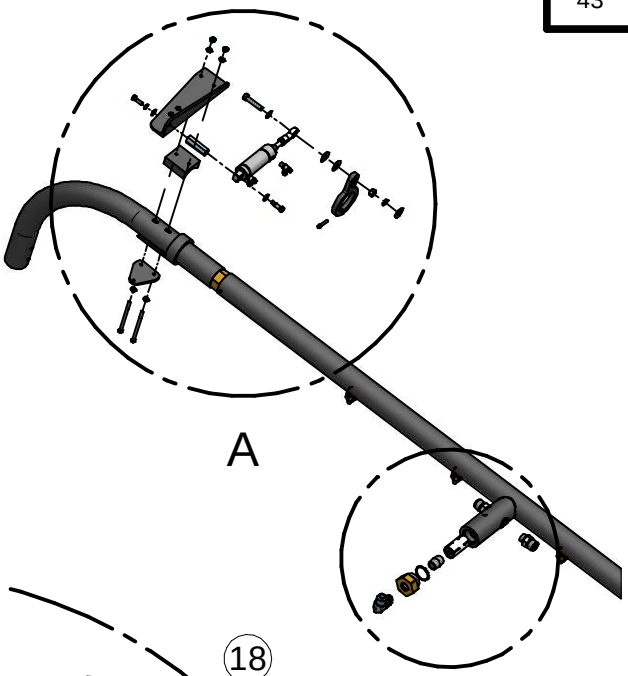

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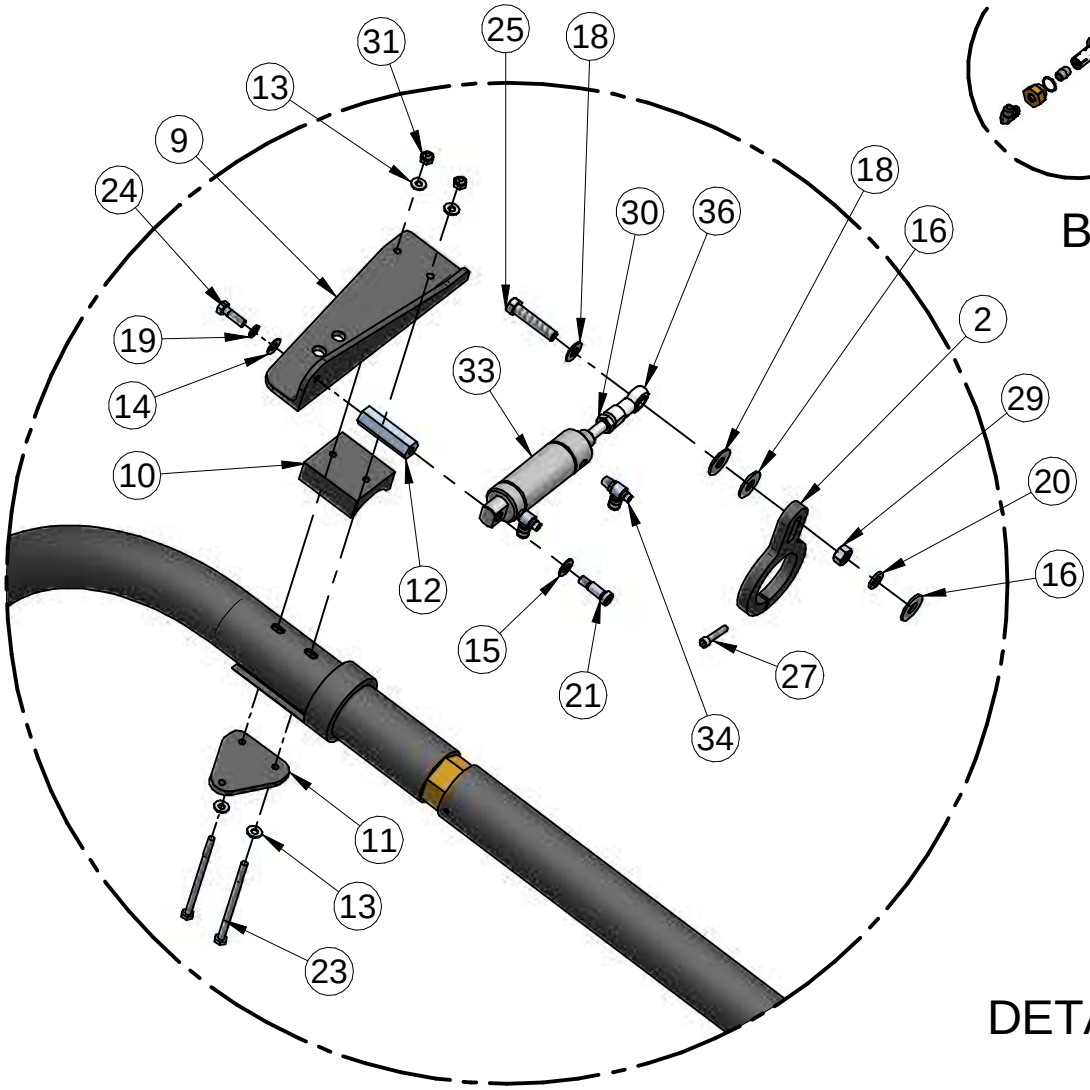

DETAIL A

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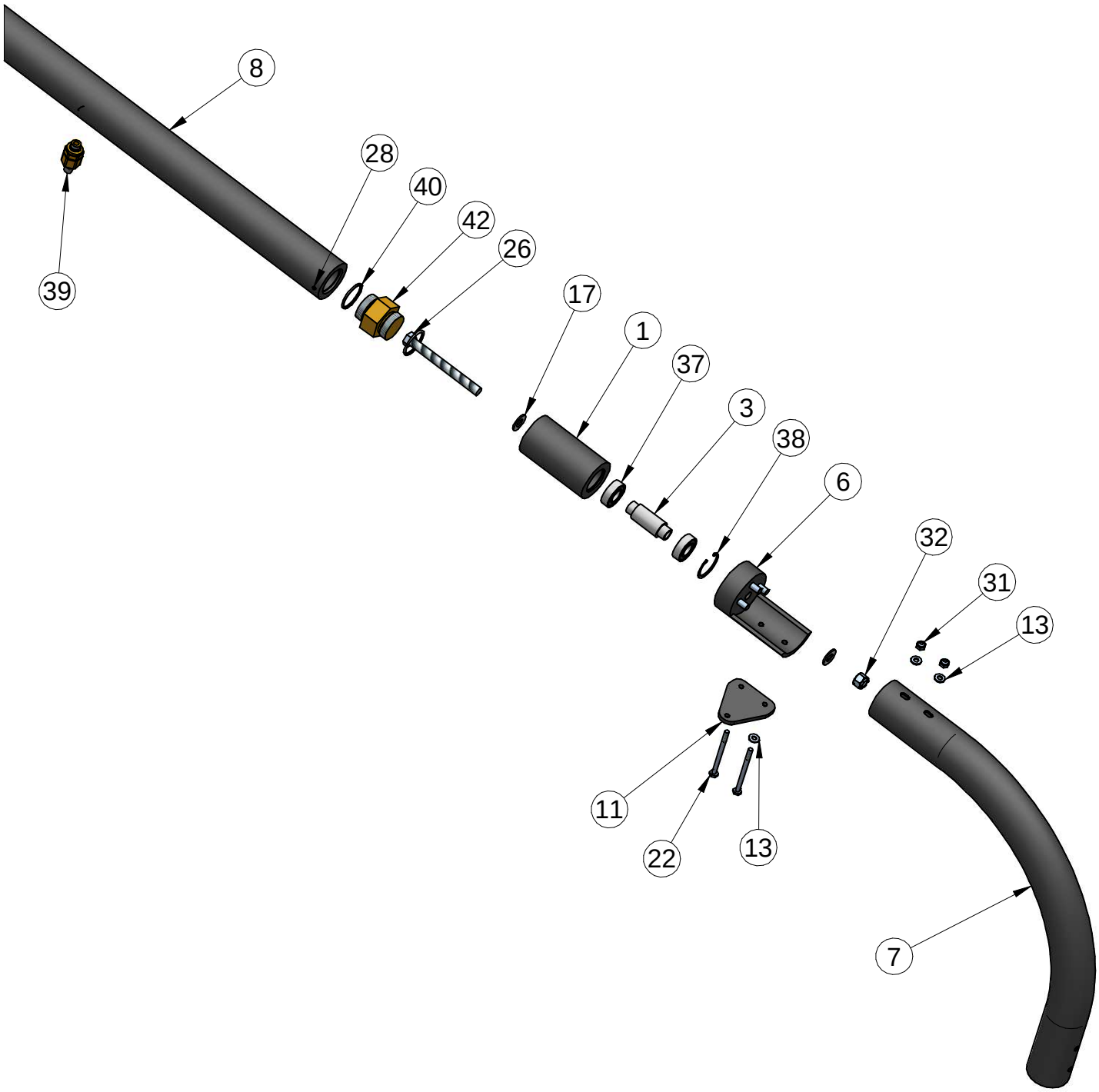

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High Pressure Rotating Arch Parts List

Jan. 12, 2017 Rev. A

REF.	DESCRIPTION	PART NUMBER	QTY
1	BEARING HOUSING BLACK	14-100-02-BK	1
2	CYLINDER TUBE CLAMP (BLK)	14-100-03-BK	1
3	BEARING SPACER	14-106-43-MP	1
4	NOZZLE TOP INSERT BRASS 3/4"NPT	14-900-05-MP	1
5	FTG CLOSE NIPPLE 3/4"MPT SCH80 PVC	16-031-17-PP	1
6	CONNECTION PLUG ASS'Y (BLK)	46-250-11-BK	2
7	ARCH FRAME ELBOW (BLK)	46-250-15-BK	2
8	HP ARCH TOP MANIFOLD TUBE WELDMENT (BLK)	46-250-30-BK	1
9	CYLINDER/BULKHEAD MOUNT (BLK)	46-250-35-BK	1
10	C-CLAMP HP ARCH	46-250-36-MP	1
11	HOSE MOUNT HP ARCH (BLK)	46-250-37-BK	2
12	HEX SPACER SS (3/4"A/F X 2-1/2"LONG)	46-250-38-MP	1
13	WSHR SS FLAT 1/4" (0.056"/0.063"THK)	80-104-000-SI	8
14	WSHR SS FLAT 5/16"	80-105-000-SI	1
15	WSHR SS FLT 3/8" .071-.082THK .75"OD/.406"ID	80-106-000-SI	1
16	WASHER SS FLAT 7/16"	80-107-000-SI	3
17	WASHER FLAT 1/2" SS	80-208-000-SI	4
18	WSHR SS FLAT SAE 7/16" ID .077 THK .921 OD	80-307-000-SI	2
19	WSHR SS LOCK 5/16"	80-905-000-SI	1
20	WSHR SS LOCK 7/16"	80-907-000-SI	1
21	SHSS SS DIA. 3/8" x 3/4" (5/16"-18 UNC)	82-406-012-SIC	1
22	HHCS SS 1/4-20x3-1/2"	82-504-056-SIC	2
23	HHCS SS 1/4-20 x 4-1/2"	82-504-072-SIC	2
24	HHCS SS 5/16"-18 X 1"	82-505-016-SIC	1
25	HHCS SS 7/16"-20 x 2"	82-507-032-SIF	1
26	HHCS 1/2"-13 x 5" SS	82-508-080-SIC	2
27	SHCS SS 1/4"-20 x 1-1/4"	82-704-020-SIC	1
28	HEX SOCKET SET SCREW, 1/4-20 x 3/8" SS	83-704-006-SIC	2
29	NUT SS 7/16"-20	84-007-000-SIF	1

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High Pressure Rotating Arch Parts List

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REF.	DESCRIPTION	PART NUMBER	QTY
30	NUT SS JAM 7/16"-20	84-107-000-SIF	1
31	NUT SS NYLOCK 1/4"-20	85-004-000-SIC	4
32	NUT SS NYLOCK 1/2"-13	85-008-000-SIC	2
33	CYLINDER AIR 1-1/2" BORE X 2" STROKE	90-100-11-PP	1
34	THROTTLE VALVE 1/8"NPT-1/4"TBE NKLPLTRING	90-140-03-PP	2
35	CHECK VALVE SS 3/4" S1100-07 SPEARS	90-148-07-PP	1
36	ROD END TR7-N-SS 7/16"-20 F c/w GR.NPL 10/32	90-151-04-PP	1
37	BEARING 6203-12-2RS KSM	90-195-02-PP	2
38	BEARING RETAINER CLIP	90-195-03-PP	1
39	FTG ASSY SWIVEL BALL BR 9-18 UNF X 1/4"NPT	90-237-10-PP	4
40	O-RING, ID 1-1/2" 568-920 90D	90-450-12-PP	5
41	FTG HYD 7/8-14MORB X 3/4"MJIC 90° ELBOW 2062-10-12S	95-030-01-PP	1
42	BRASS CYLINDER JOINER FOR FF	95-040-03-MP	2
43	FTG HYD REDUCER 1-1/16"-12 MJIC X 7/8-14 MORB	95-306-10-PP	2

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High Pressure Rotating Arch Parts List

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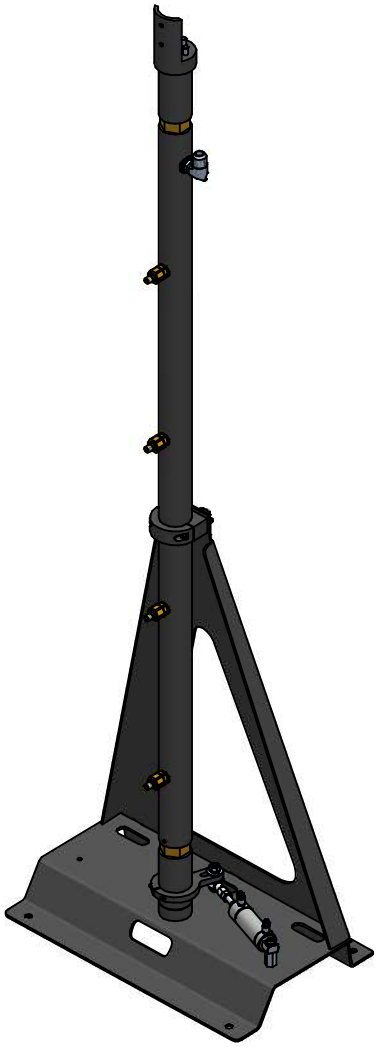

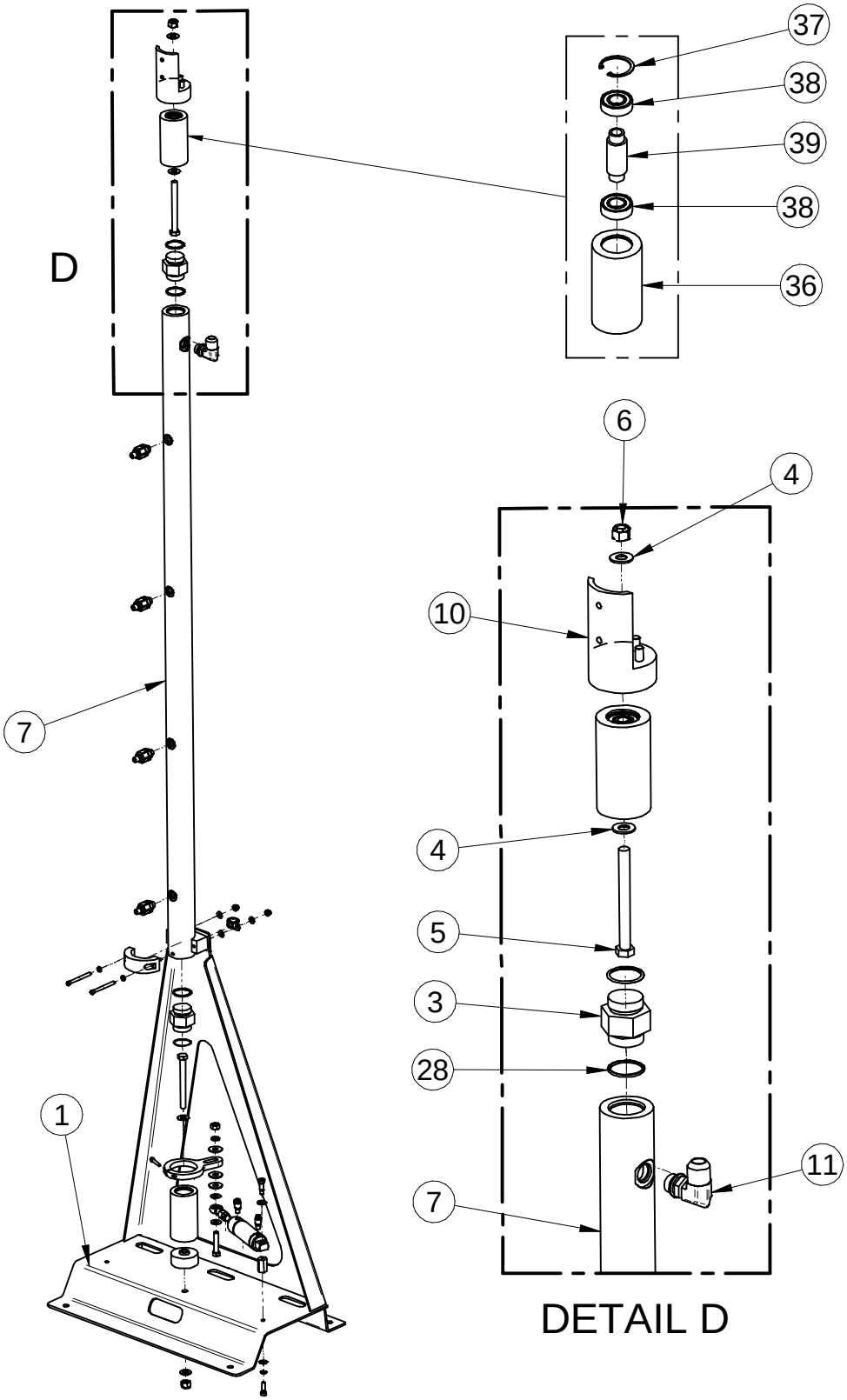

DETAIL D

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High Pressure Rotating Arch Parts List

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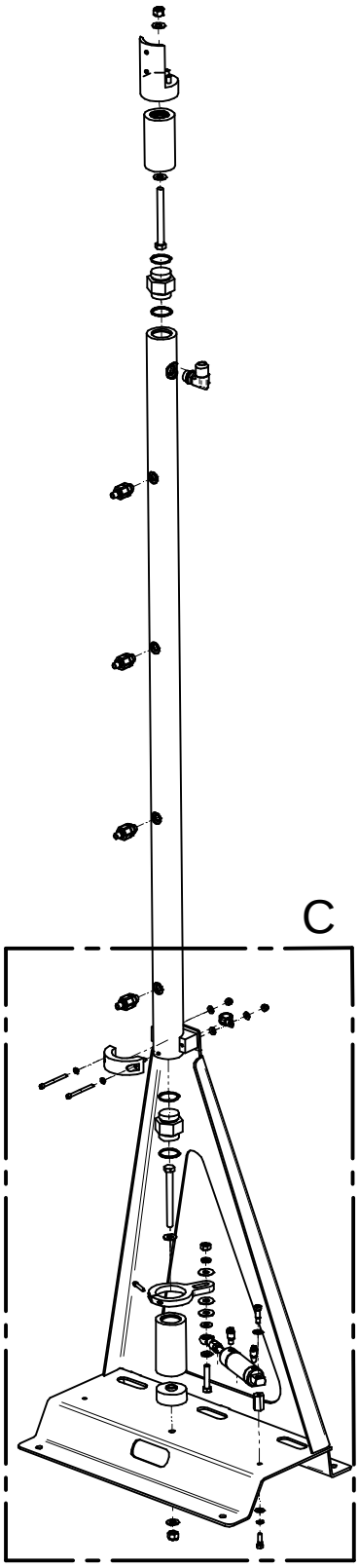

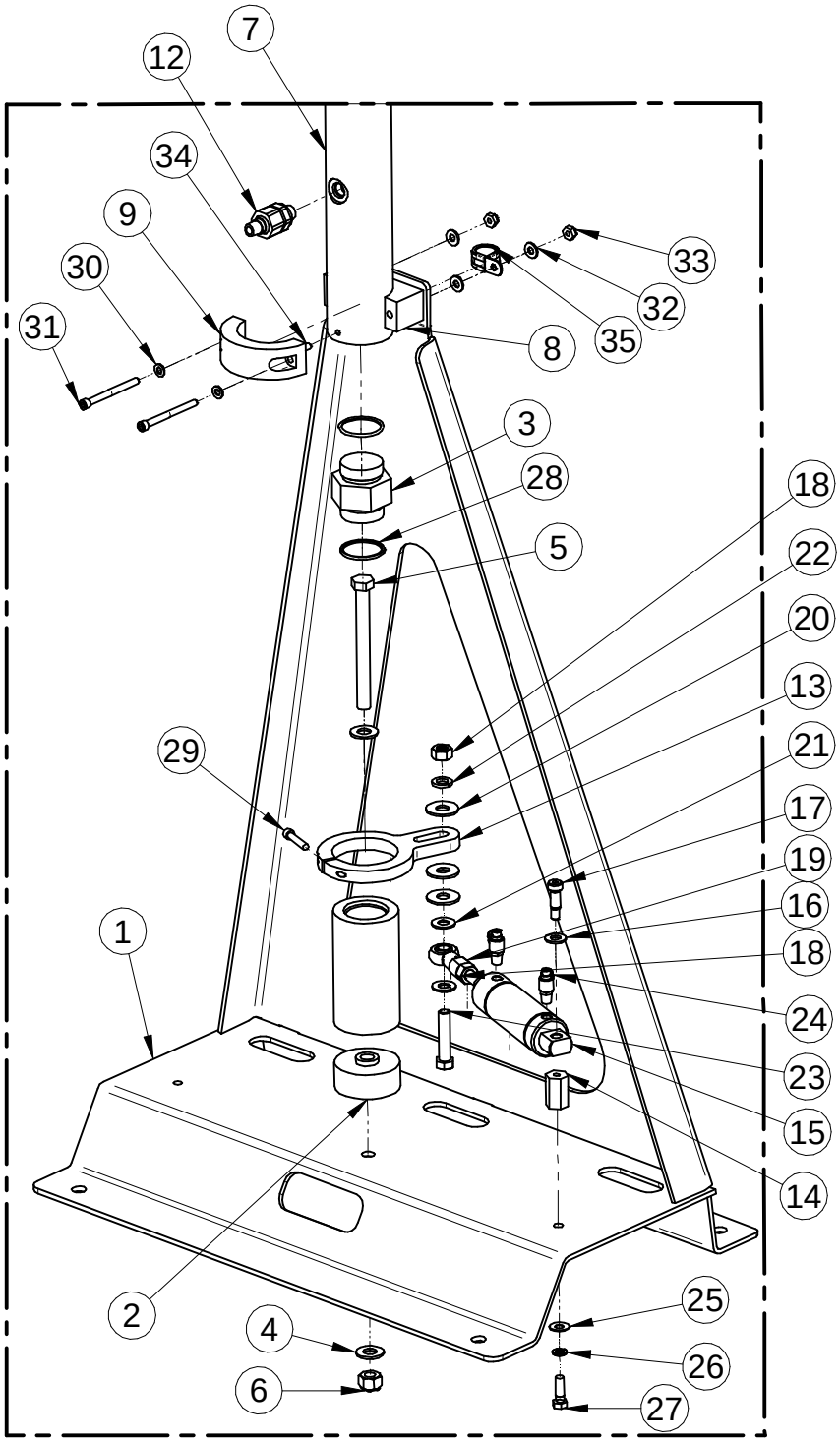

DETAIL C

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MacNeil Wash Systems Limited – Service Division
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High Pressure Rotating Arch Parts List

Jan. 12, 2017 Rev. A

REF.	DESCRIPTION	PART NUMBER	QTY
1	HIGH PRESSURE ARCH BASE (BLK)	46-250-20-BK	1
2	WHEEL BLASTER SPACER (BLK)	14-100-01-BK	1
3	BRASS CYLINDER JOINER FOR FF	95-040-03-MP	2
4	WASHER FLAT 1/2" SS	80-208-000-SI	4
5	HHCS 1/2"-13 x 5" SS	82-508-080-SIC	2
6	NUT SS NYLOCK 1/2"-13	85-008-000-SIC	2
7	SIDE MANIFOLD TUBE DS (BLK)	46-250-33-BK	1
8	MANIFOLD CLAMP - BASE	14-900-12-MP	1
9	MANIFOLD CLAMP - TOP	14-900-11-MP	1
10	CONNECTION PLUG ASS'Y (BLK)	46-250-11-BK	1
11	FTG HYD 7/8-14MORB X 3/4"MJIC 90° ELBOW 2062-10-12S	95-030-01-PP	1
12	FTG ASSY SWIVEL BALL BR 9-18 UNF X 1/4"NPT	90-237-10-PP	4
13	CYLINDER TUBE CLAMP (BLK)	14-100-03-BK	1
14	3/4" HEX SPACER SS (1-1/4"LONG)	14-100-04-MP	1
15	CYLINDER AIR 1-1/2" BORE X 2" STROKE	90-100-11-PP	1
16	WSHR SS FLT 3/8" .071-.082THK .75"OD/.406"ID	80-106-000-SI	1
17	SHSS SS DIA. 3/8" x 3/4" (5/16"-18 UNC)	82-406-012-SIC	1
18	NUT SS 7/16"-20	84-007-000-SIF	2
19	ROD END TR7-N-SS 7/16"-20 F c/w GR.NPL 10/32	90-151-04-PP	1
20	WASHER SS FLAT 7/16"	80-107-000-SI	3
21	WSHR SS FLAT SAE 7/16" ID .077 THK .921 OD	80-307-000-SI	2
22	WSHR SS LOCK 7/16"	80-907-000-SI	1
23	HHCS SS 7/16"-20 x 2"	82-507-032-SIF	1
24	THROTTLE VALVE 1/8"NPT-1/4"TBE NKLPLTRING	90-140-03-PP	2

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REF.	DESCRIPTION	PART NUMBER	QTY
25	WSHR SS FLAT 5/16"	80-105-000-SI	1
26	WSHR SS LOCK 5/16"	80-905-000-SI	1
27	HHCS SS 5/16"-18 X 1"	82-505-016-SIC	1
28	O-RING, ID 1-1/2" 568-920 90D	90-450-12-PP	4
29	SHCS SS 1/4"-20 x 1-1/4"	82-704-020-SIC	1
30	WSHR SS FLAT SMALL-OD 1/4"	80-304-000-SI	2
31	SHCS SS 1/4"-20 x 2-3/4"	82-704-044-SIC	2
32	WSHR SS FLAT 1/4" (0.056"/0.063"THK)	80-104-000-SI	3
33	NUT SS NYLOCK 1/4"-20	85-004-000-SIC	2
34	HEX SOCKET SET SCREW, 1/4-20 x 3/8" SS	83-704-006-SIC	1
35	3/4" ROUND TUBE CLAMP SS	70-175-12-PP	1
36	BEARING HOUSING BLACK	14-100-02-BK	2
37	BEARING RETAINER CLIP	90-195-03-PP	2
38	BEARING 6203-12-2RS KSM	90-195-02-PP	4
39	BEARING SPACER	14-106-43-MP	2

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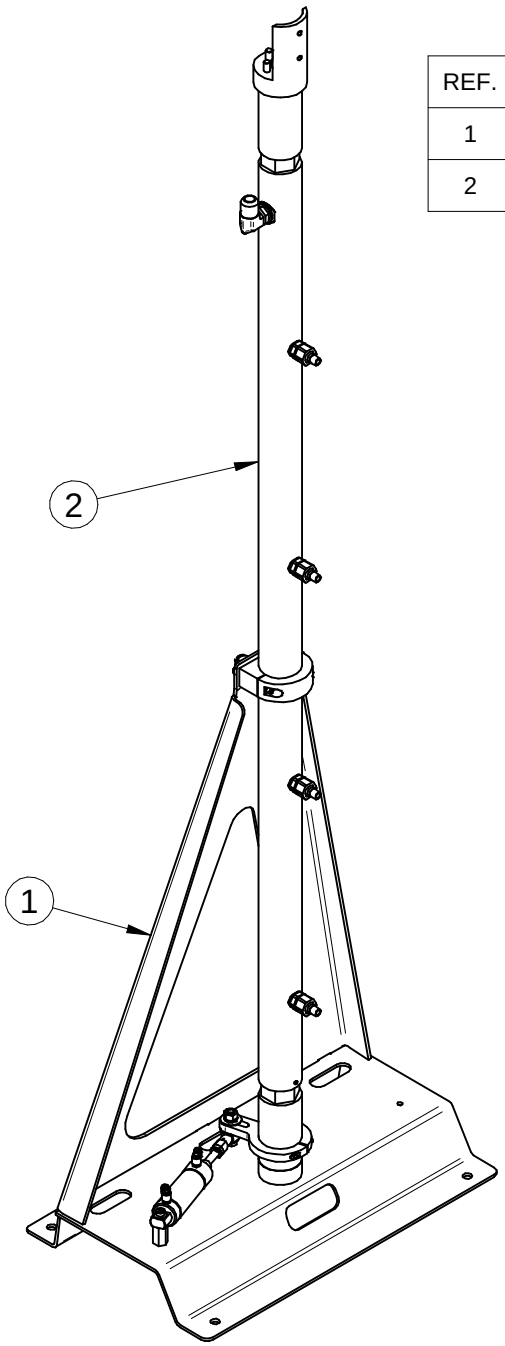
High Pressure Rotating Arch Parts List

Jan. 12, 2017 Rev. A



REF.	DESCRIPTION	PART NUMBER	QTY
1	HIGH PRESSURE ARCH BASE (BLK)	46-250-20-BK	1
2	SIDE MANIFOLD TUBE PS (BLK)	46-250-34-BK	1

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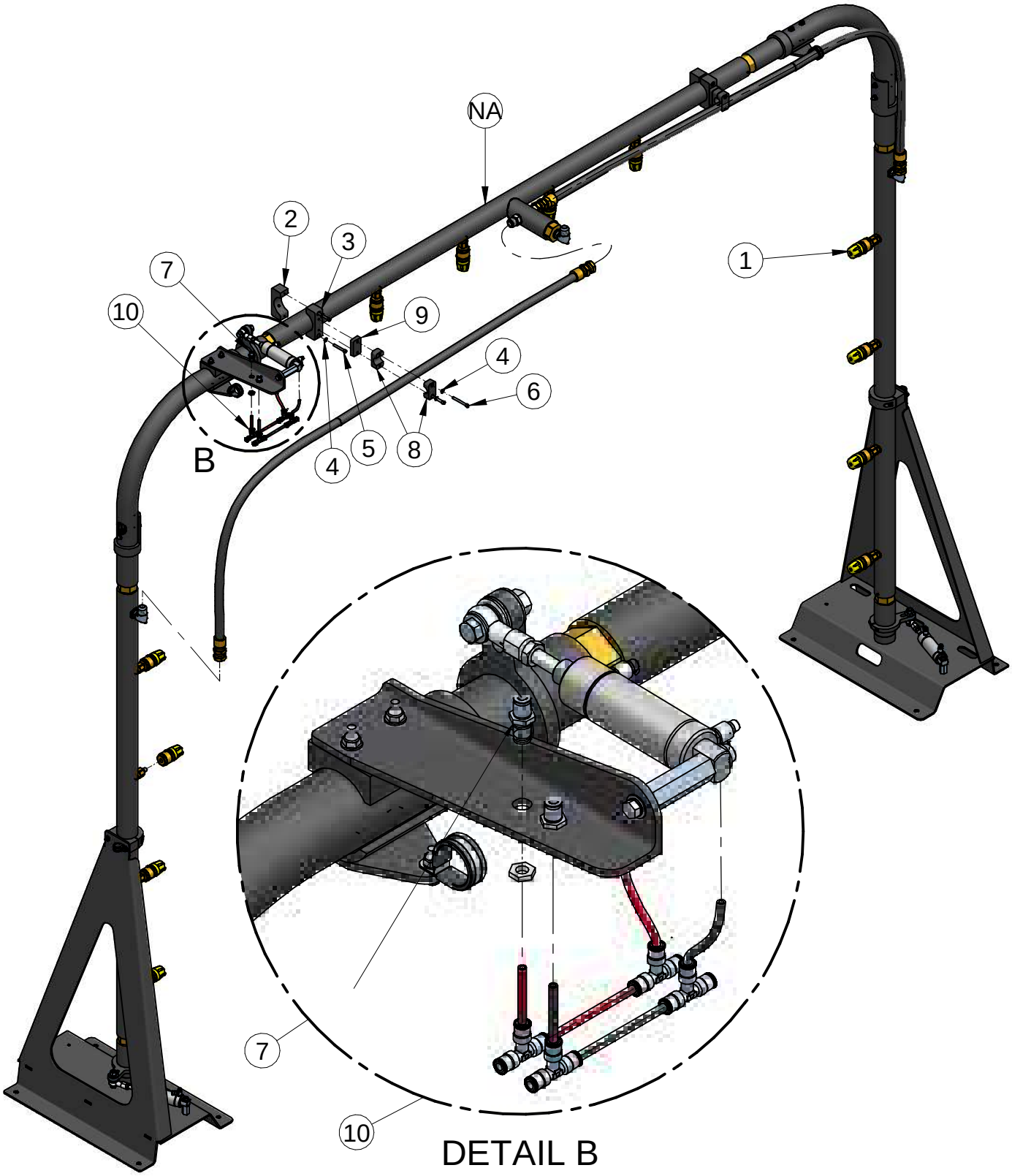

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REF.	DESCRIPTION	PART NUMBER	QTY
1	TURBO NOZZLE #4.0 1001763 HFI BLAST TEC NOZZLE	10-220-20-PP	12
2	CLAMP (THREADED)	46-500-50-BK	2
3	CLAMP (COUNTER BORED HOLES)	46-500-51-BK	2
4	WSHR SS FLAT SMALL-OD 1/4"	80-304-000-SI	8
5	SHCS SS 1/4"-20 x 1-3/4"	82-704-028-SIC	4
6	SHCS SS 1/4"-20 x 2-1/4"	82-704-036-SIC	4
7	FTG AIR BULKHEAD UNION 1/4"TBE X 1/4"TBE	90-005-01-PP	2
8	HOSE BLOCK 3/4P SNGL (2 HALVES) BLACK	90-157-00-PP	2
9	SPACER PLATE FOR 1/2" HOSE CLAMP BLK	90-157-20-BK	2
10	FTG TEE 1/4"TUBE-1/4" TUBE	90-234-04-PP	4

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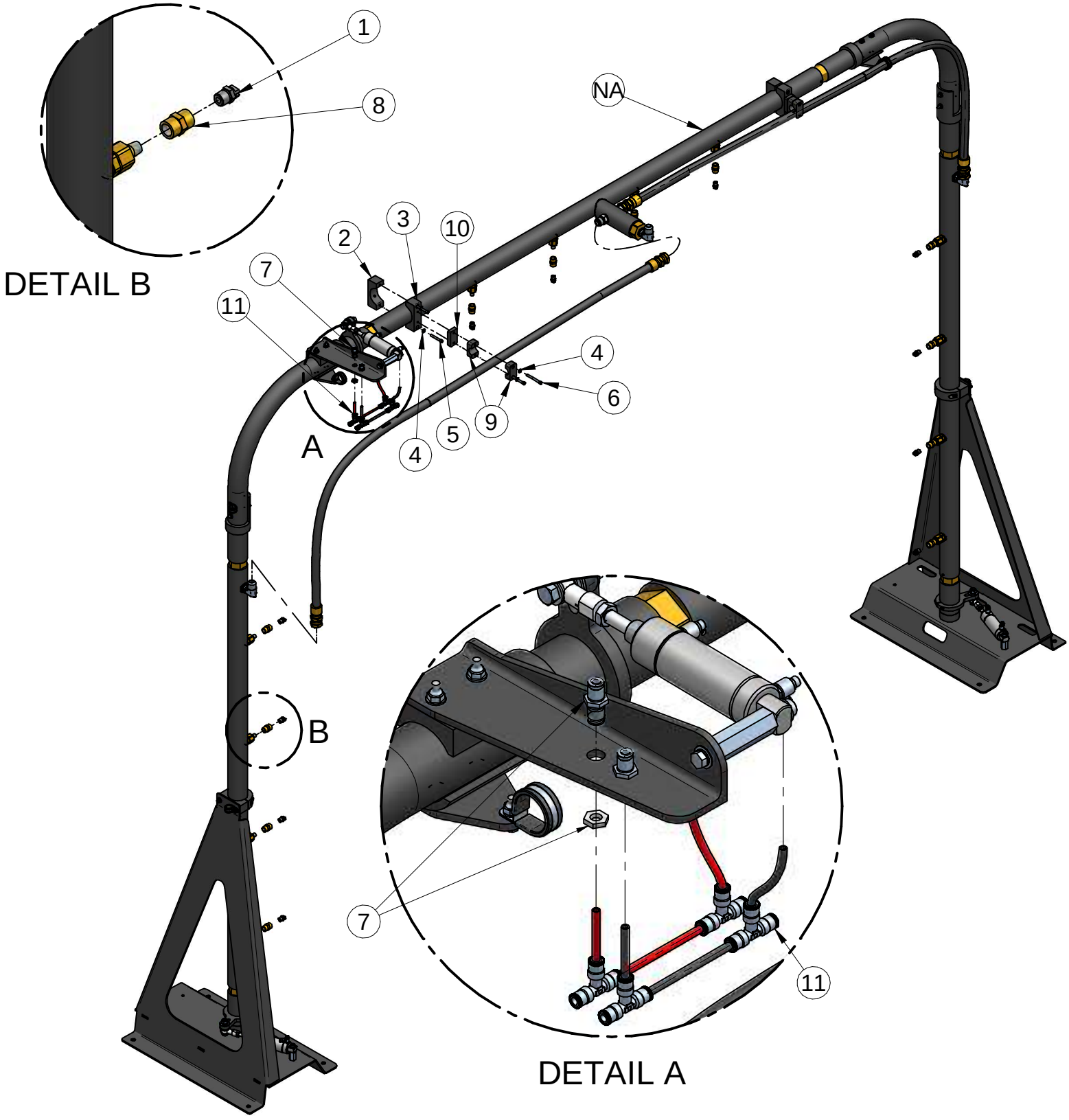

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1	SPRAY NOZZLE 1/4MEG-4005 TOL. +0/-1	10-275-39-PP	12
2	CLAMP (THREADED)	46-500-50-BK	2
3	CLAMP (COUNTER BORED HOLES)	46-500-51-BK	2
4	WSHR SS FLAT SMALL-OD 1/4"	80-304-000-SI	8
5	SHCS SS 1/4"-20 x 1-3/4"	82-704-028-SIC	4
6	SHCS SS 1/4"-20 x 2-1/4"	82-704-036-SIC	4
7	FTG AIR BULKHEAD UNION 1/4"TBE X 1/4"TBE	90-005-01-PP	2
8	BRASS CPLR 1/4 FPT 103-B	90-022-01-PP	12
9	HOSE BLOCK 3/4P SNGL (2 HALVES) BLACK	90-157-00-PP	2
10	SPACER PLATE FOR 1/2" HOSE CLAMP BLK	90-157-20-BK	2
11	FTG TEE 1/4"TUBE-1/4" TUBE	90-234-04-PP	4

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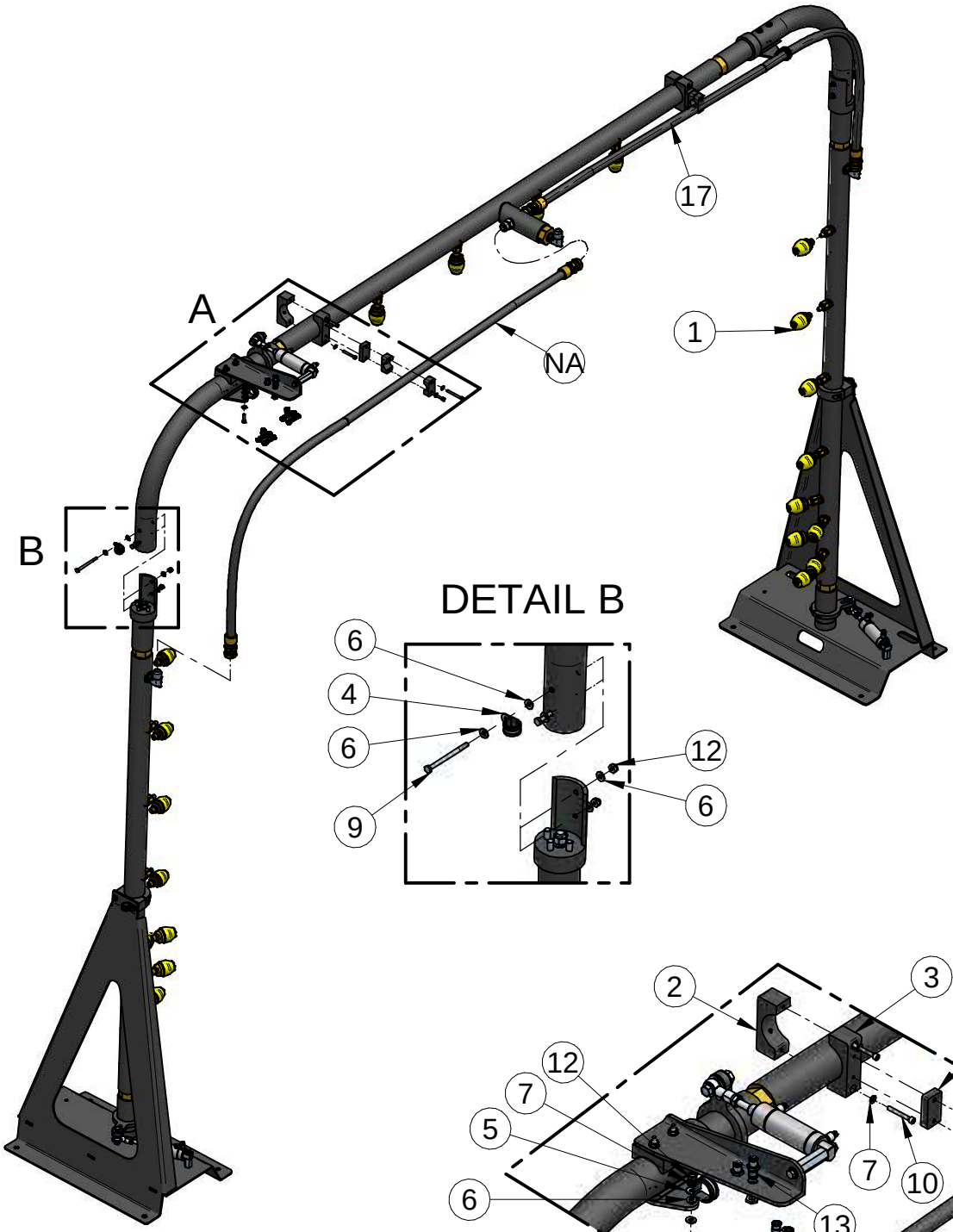
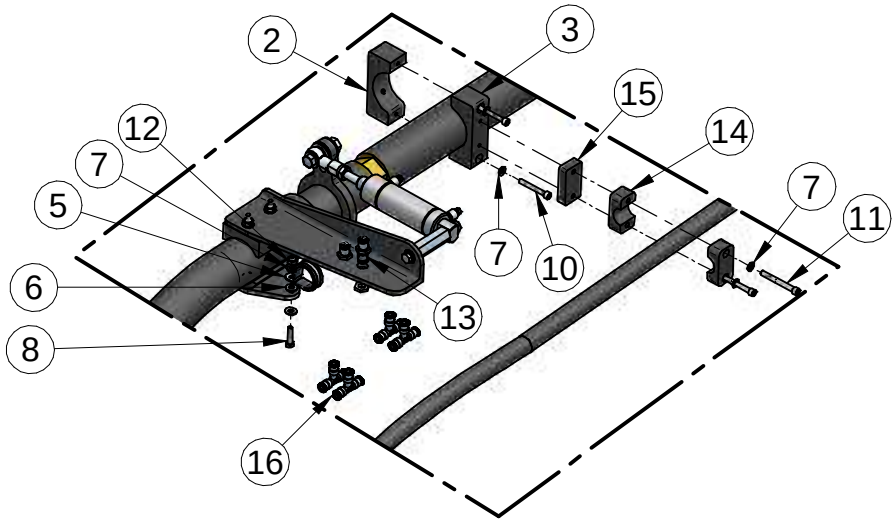


DETAIL B

DETAIL A



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1	TURBO NOZZLE 1001761 #3.0-1.5 GPM HFI BLAST TEC NOZZLE	10-220-17-PP	22
2	CLAMP (THREADED)	46-500-50-BK	2
3	CLAMP (COUNTER BORED HOLES)	46-500-51-BK	2
4	3/4" ROUND TUBE CLAMP SS	70-175-12-PP	2
5	1-1/4" ROUND TUBE CLAMP SS	70-175-20-PP	2
6	WSHR SS FLAT 1/4" (0.056"/0.063"THK)	80-104-000-SI	14
7	WSHR SS FLAT SMALL-OD 1/4"	80-304-000-SI	10
8	HHCS SS 1/4"-20 x 1"	82-504-016-SIC	2
9	HHCS SS 1/4-20x3-1/2"	82-504-056-SIC	4
10	SHCS SS 1/4"-20 x 1-3/4"	82-704-028-SIC	4
11	SHCS SS 1/4"-20 x 2-1/4"	82-704-036-SIC	4
12	NUT SS NYLOCK 1/4"-20	85-004-000-SIC	6
13	FTG AIR BULKHEAD UNION 1/4"TBE X 1/4"TBE	90-005-01-PP	2
14	HOSE BLOCK 3/4P SNGL (2 HALVES) BLACK	90-157-00-PP	2
15	SPACER PLATE FOR 1/2" HOSE CLAMP BLK	90-157-20-BK	2
16	FTG TEE 1/4"TUBE-1/4" TUBE	90-234-04-PP	4
17	HIGH PRESSURE ARCH HOSE ASS'Y (83-1/2"OAL)	95-047-00-PP	2

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