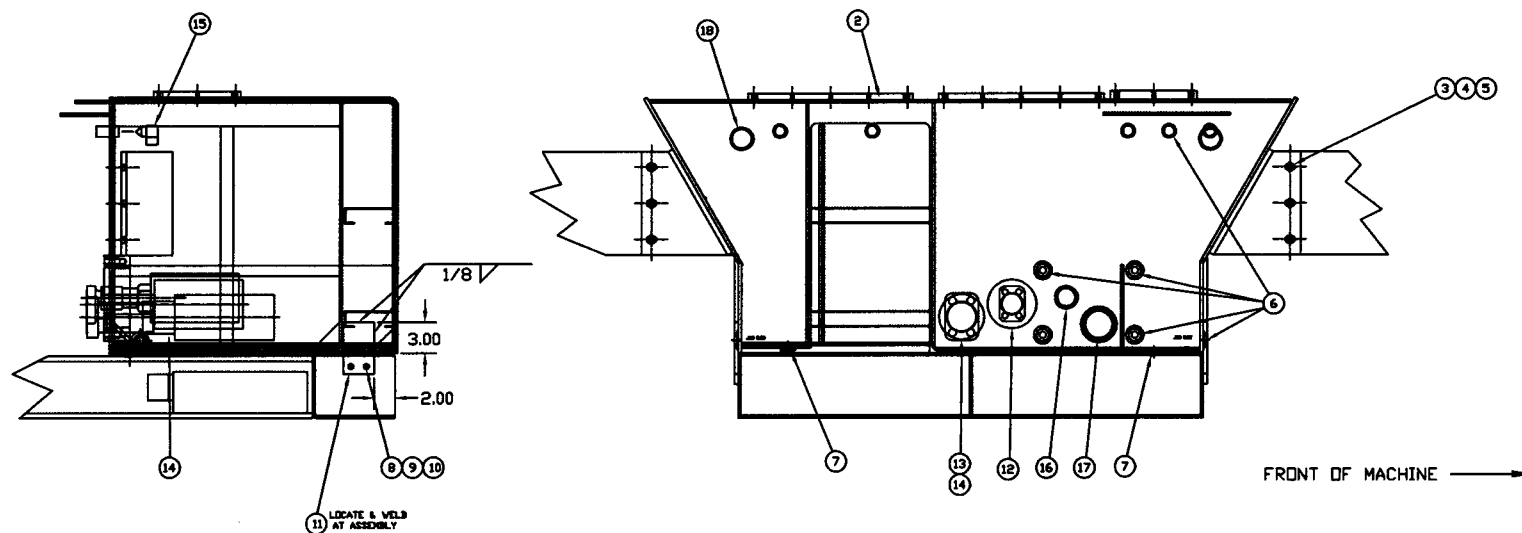




HYDRAULIC SYSTEM



1 INSTALLATION

△	4-13-10	② D-B61 WAS DE-254	2010003	J.K.
REV	DATE	DESCRIPTION	ENG. NO.	BY

TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTIONS $\pm$ / $-$ 3 PLACE DECIMALS $\pm$ / $-$ 2 PLACE DECIMALS $\pm$ / $-$ 1 PLACE DECIMALS $\pm$ / $-$ ANGLES SEE SWINGMASTER SPECIFICATION 0-1 FOR TOLERANCES NOT SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING SCALE:	SWINGMASTER CORPORATION	
	11416 MIDROSE AVENUE FRANKLIN PARK, ILLINOIS 60131	
	REMOVABLE FUEL TANK & HYDRAULIC OIL	
	RESERVOIR INSTALLATION	
	MODEL 1B1	
	DRAWN BY: J.K.	DRAWING NO.
	DATE: 2-25-97	D2-263

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE	SECTION	20

MODEL 181 SWINGLOADER	HYDRAULIC SYSTEM	

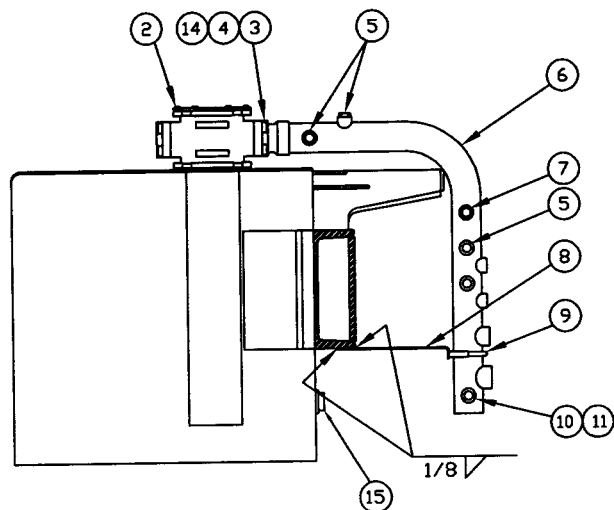
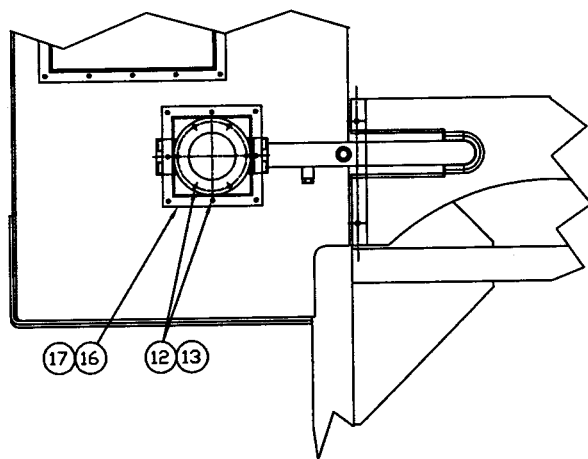
ASSEMBLY
NUMBER

DESCRIPTION

1805605 FUEL & HYD.OIL TANK INSTALLATION - STD

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED

002	1805606	FUEL & HYD.OIL TANK WELDMENT - STD	1
003	1800472	H.H.C.S. 1/2-13 X 1 3/4" LONG	6
004	1800554	1/2" FLAT WASHER	6
005	1800570	1/2" LOCK WASHER	6
006	1800656	1/2" PIPE PLUG-SOCKET HEAD	6
007	1802675	3/4" PIPE PLUG - SOCKET HEAD	2
008	1800451	H.H.C.S. 3/8-16 X 3/4" LONG	4
009	1800568	3/8" LOCK WASHER	4
010	1800514	HEX NUT 3/8-16	4
011	1802676	BRACKET	2
012	1800256	OIL FILTER - SUMP TYPE	1
013	1800255	OIL FILTER	1
014	1802026	PIPE COUPLING - 2 1/2	1
015	1802677	90 DEG. PIPE ELBOW - 1/2-M TO 3/8-F	2
016	1800658	1 1/2" PIPE PLUG-SOCKET HEAD	1
017	1800660	2" PIPE PLUG-SOCKET HEAD	1
018	1800270	SIGHT GAUGE - 1 1/2" NPT	2



1 INSTALLATION

TOLERANCES

UNLESS OTHERWISE SPECIFIED
FRACTIONS +/-
3 PLACE DECIMALS +/-
2 PLACE DECIMALS +/-
1 PLACE DECIMALS +/-
ANGLES

SEE SWINGMASTER SPECIFICATION
G-1 FOR TOLERANCES NOT SPECIFIED

DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING
SCALE:

SWINGMASTER CORPORATION

11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

HYDRAULIC FILTER & RETURN LINE MANIFOLD

INSTALLATION

MODEL 181

DRAWN BY: J.K.

DATE: 2-26-97

DRAWING NO.

C-331

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

20

MODEL 181 SWINGLOADER

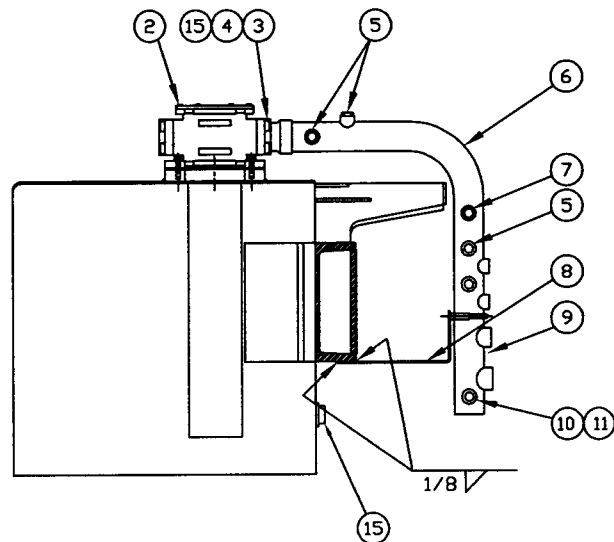
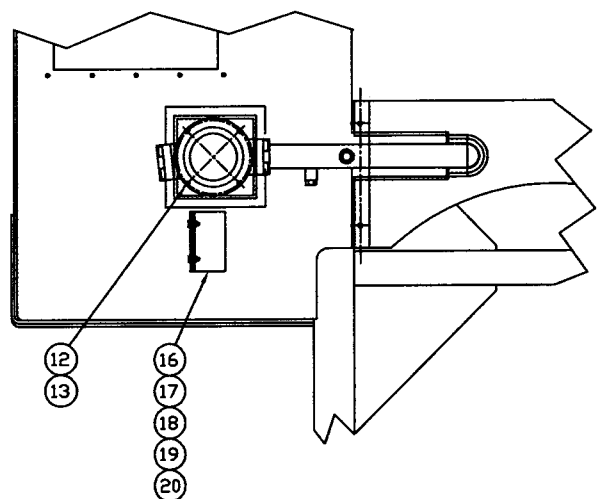
HYDRAULIC SYSTEM

ASSEMBLY
NUMBER

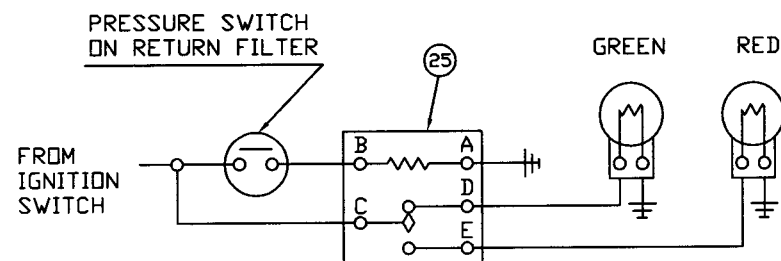
DESCRIPTION

1805613 HYD. FILTER & RETURN MANIFOLD INST'L

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
002	1802031	HYDRAULIC FILTER	1
003	1800827	2" SPLIT FLANGE CLAMP HALF	2
004	1802587	SOCKET HEAD CAP SCREW 1/2-13 X 1" LONG	4
005	1800971	1/2" O-RING BOSS PLUG-HEX HEAD	3
006	1802588	HYDRAULIC RETURN LINE MANIFOLD	1
007	1800017	1/2" PIPE PLUG-HEX HEAD	1
008	1802589	MOUNTING BRACKET	1
009	1802073	2 1/2" MUFFLER CLAMP	1
010	1801668	3/8" MALE QUICK DISCONNECT	1
011	1800876	DUST CAP	1
012	1800442	H.H.C.S. 5/16-18 X 3/4" LONG	6
013	1800074	5/16" LOCK WASHER	6
014	1800822	2" O-RING FOR SPLIT FLANGE HEAD	1
015	1800660	2" PIPE PLUG-SOCKET HEAD	1
016	1802027	HYDRAULIC FILTER FLANGE	1
017	1802028	HYDRAULIC FILTER FLANGE GASKET	1



1 INSTALLATION



WIRING DIAGRAM

TOLERANCES	SWINGMASTER CORPORATION	
UNLESS OTHERWISE SPECIFIED FRACTIONS +/- 3 PLACE DECIMALS +/- 2 PLACE DECIMALS +/- 1 PLACE DECIMALS +/- ANGLES	11415 MELROSE AVENUE FRANKLIN PARK, ILLINOIS 60131	
	HYDRAULIC FILTER & RETURN LINE MANIFOLD	
	INSTALLATION - FOR B.N.R.R.	
SEE SWINGMASTER SPECIFICATION G-1 FOR TOLERANCES NOT SPECIFIED	MODEL 181	
	DRAWN BY: J.K.	
DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING SCALE 1	DATE: 4-12-93	DRAWING NO.
		C1-331

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

20

MODEL 181 SWINGLOADER

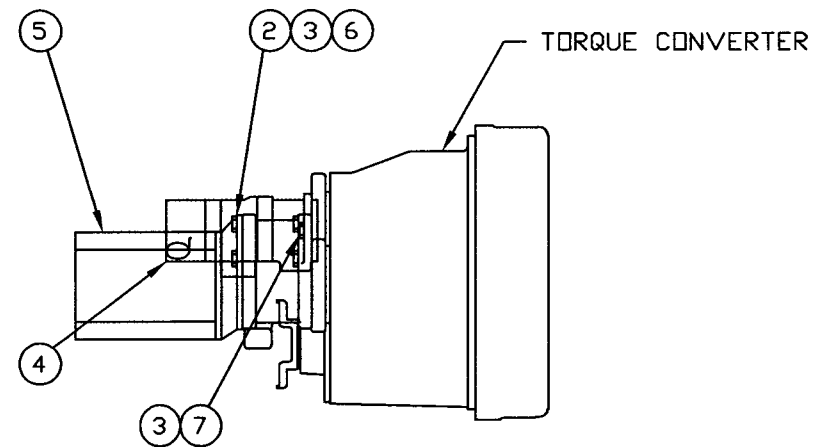
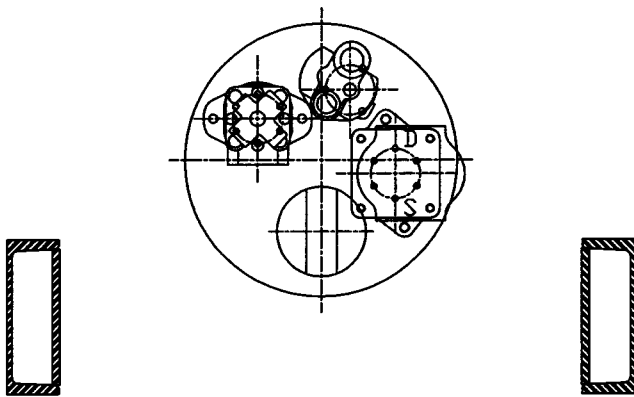
HYDRAULIC SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1805614 HYD. FILTER & RETURN MANIFOLD INST'L

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
002	1804867	HYD. RETURN FILTER (KS7 FILTER ELEMENT)	1
003	1800826	1 1/2" SPLIT FLANGE CLAMP HALF	2
004	1802587	SOCKET HEAD CAP SCREW 1/2-13 X 1" LONG	4
005	1800971	1/2" O-RING BOSS PLUG-HEX HEAD	3
006	1804868	HYD. RETURN MANIFOLD	1
007	1800017	1/2" PIPE PLUG-HEX HEAD	1
008	1802589	MOUNTING BRACKET	1
009	1802073	2 1/2" MUFFLER CLAMP	1
010	1801668	3/8" MALE QUICK DISCONNECT	1
011	1800876	DUST CAP	1
012	1800454	H.H.C.S. 3/8-16 X 1 1/4" LONG	4
013	1800568	3/8" LOCK WASHER	4
014	1800821	1 1/2" O-RING FOR SPLIT FLANGE HEAD	1
015	1804054	PIPE CAP - 2"	1
016	1802702	HYDRAULIC FILTER GUARD	1
017	1802701	BASE BRACKET	1
018	1800443	H.H.C.S. 5/16-18 X 1" LONG	2
019	1800074	5/16" LOCK WASHER	2
020	1800512	HEX NUT 5/16-18	2
021	1804870	MAIN PRESSURE FILTER (KS7 FILTER ELEMENT)	1
022	1804938	PRESSURE LINE FILTER ASSY	3
023	1804872	INSTRUMENT PANEL EXTENSION ASS'Y	1
024	1804939	MOUNTING TAB	1
025	1800381	RELAY SWITCH - SPST 12V	1



1 INSTALLATION

TOLERANCES	SWINGMASTER CORPORATION	
UNLESS OTHERWISE SPECIFIED	11415 MELROSE AVENUE	
FRACTIONS +/-	FRANKLIN PARK, ILLINOIS 60131	
3 PLACE DECIMALS +/-	HYDRAULIC PUMP INSTALLATION	
2 PLACE DECIMALS +/-	FDR MODEL 181	
1 PLACE DECIMALS +/-		
ANGLES		
SEE SWINGMASTER SPECIFICATION		
0-1 FOR TOLERANCES NOT SPECIFIED		
DIMENSIONS ARE IN INCHES	DRAWN BY: JJC.	DRAWING NO.
DO NOT SCALE DRAWING	DATE: 11-24-86	D-79
SCALE:		

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

20

MODEL 181 SWINGLOADER

HYDRAULIC SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1801253

HYDRAULIC PUMP INSTALLATION

ITEM
NO.PART
NUMBER

DESCRIPTION

QTY
USED

2

1800509

R/H THREAD STUD 1/2-13 X 1 3/4" LONG

4

3

1800570

1/2" LOCK WASHER

6

4

1800120

HYDRAULIC PUMP - DOUBLE - STEER + PILOT

1

5

1800121

HYDRAULIC PUMP - DOUBLE - BOOM + HI-RAIL

1

6

1800517

HEX NUT 1/2-13

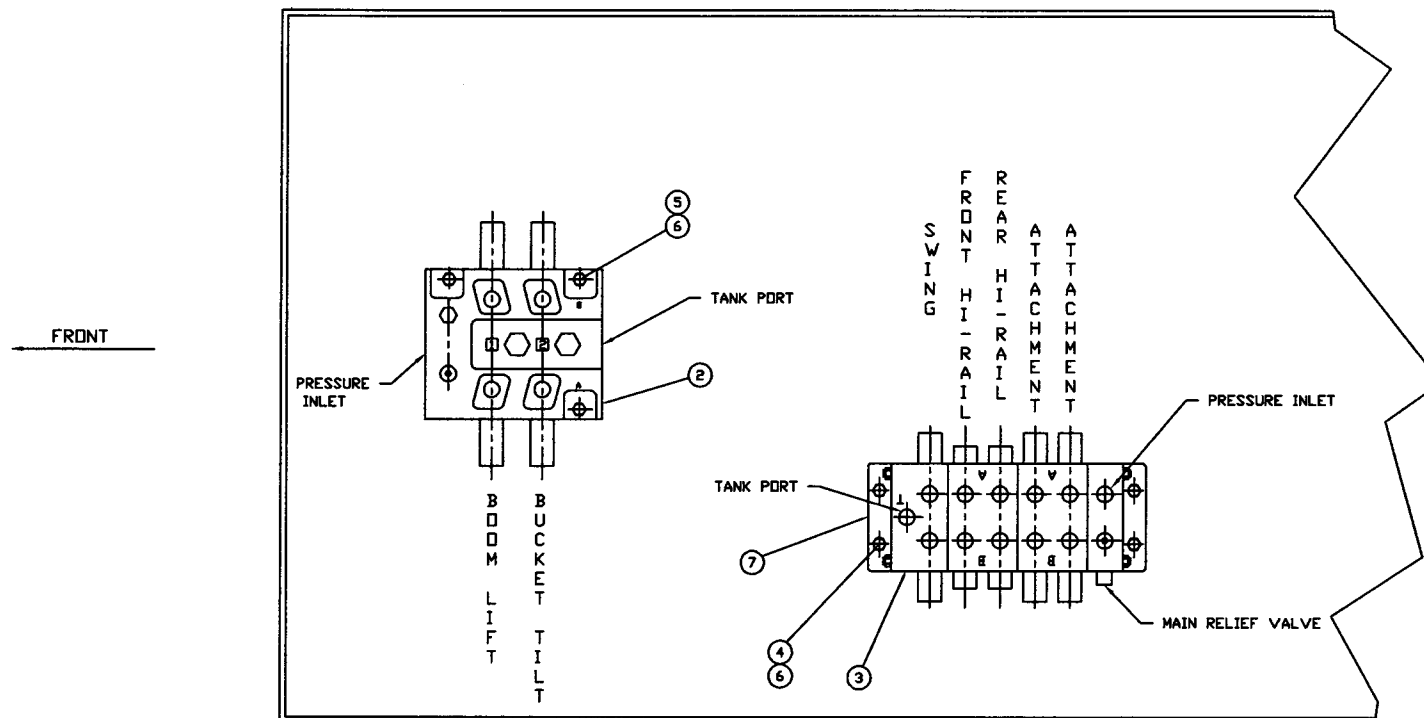
4

7

1800471

H.H.C.S. 1/2-13 X 1 1/2" LONG

2



1 INSTALLATION

TOLERANCES

UNLESS OTHERWISE SPECIFIED
FRACTIONS +/-
3 PLACE DECIMALS +/-
2 PLACE DECIMALS +/-
1 PLACE DECIMALS +/-
ANGLES

SEE SWINGMASTER SPECIFICATION
G-1 FOR TOLERANCES NOT SPECIFIED

DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING
SCALE

SWINGMASTER CORPORATION

730 INDUSTRIAL DRIVE
ELMHURST, ILLINOIS 60126

VALVES INSTALLATION

FOR MODEL 181

DRAWN BY: B.W.

DATE: 11-9-87

DRAWING NO.

C1-46

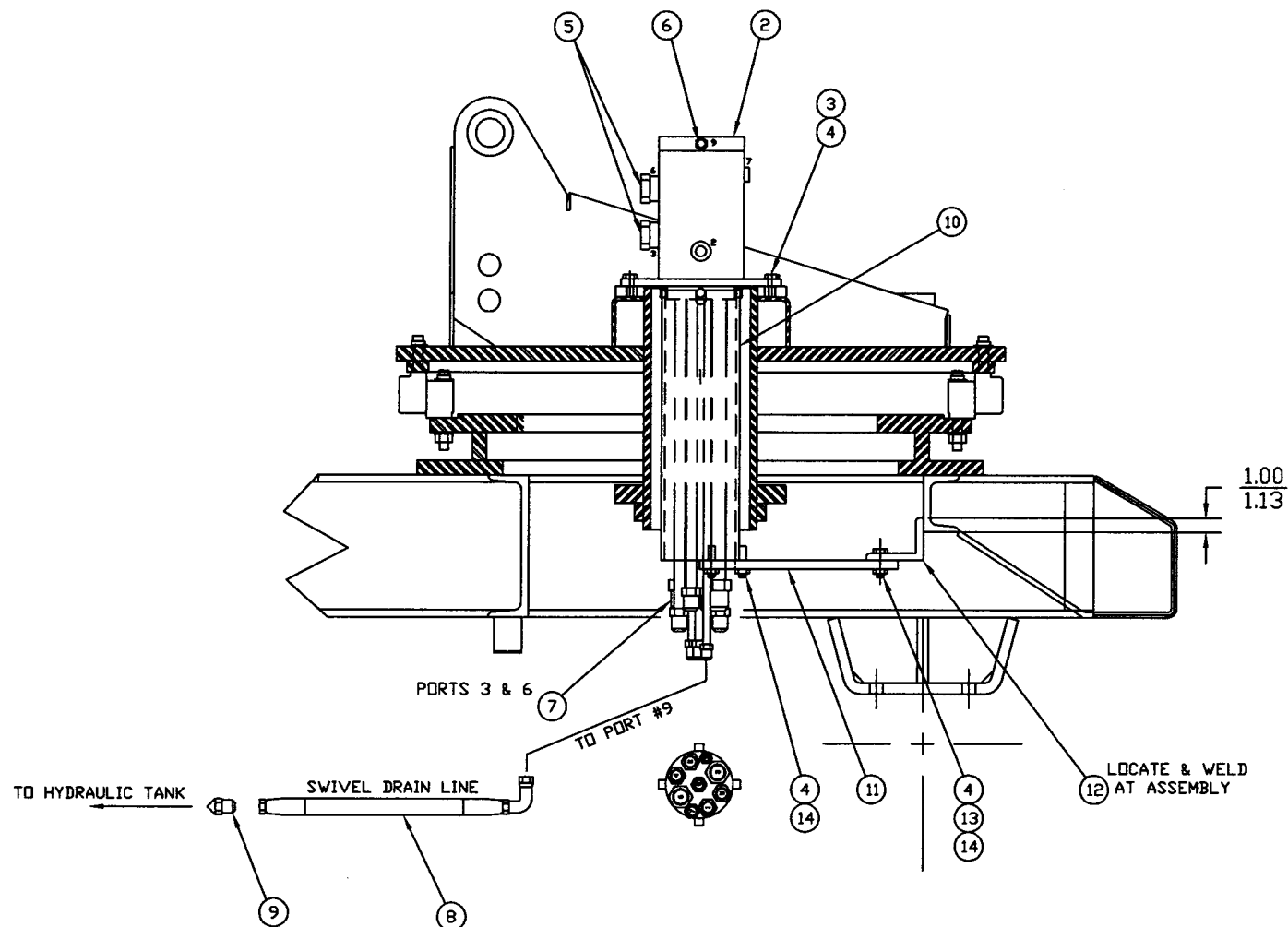
SWINGMASTER CORPORATION

PARTS BOOK

MACHINE	SECTION	20
MODEL 181 SWINGLOADER	HYDRAULIC SYSTEM	

ASSEMBLY NUMBER	DESCRIPTION
1801427	VALVES INSTALLATION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
2	1801428	MAIN CONTROL VALVE - V42	1
3	1800118	SECONDARY CONTROL VALVE - V20	1
4	1800450	H.H.C.S. 3/8-16 X 5/8" LONG	4
5	1800462	H.H.C.S. 3/8-16 X 3" LONG	3
6	1800568	3/8" LOCK WASHER	7
7	1800189	TAPPED STEEL BAR	2



1 INSTALLATION

2	3-20-91
REV.NO.	DATE

TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTIONS +/- 3 PLACE DECIMALS +/- 2 PLACE DECIMALS +/- 1 PLACE DECIMALS +/- ANGLES	SWINGMASTER CORPORATION	
	11415 MELROSE AVENUE FRANKLIN PARK, ILLINOIS 60131	
	SWIVEL INSTALLATION	
	MODEL 181	
SEE SWINGMASTER SPECIFICATION 0-1 FOR TOLERANCES NOT SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING SCALE: 1/4"	DRAWN BY: J.R. DATE: 1-6-87	DRAWING NO. D-92

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

20

MODEL 181 SWINGLOADER

HYDRAULIC SYSTEM

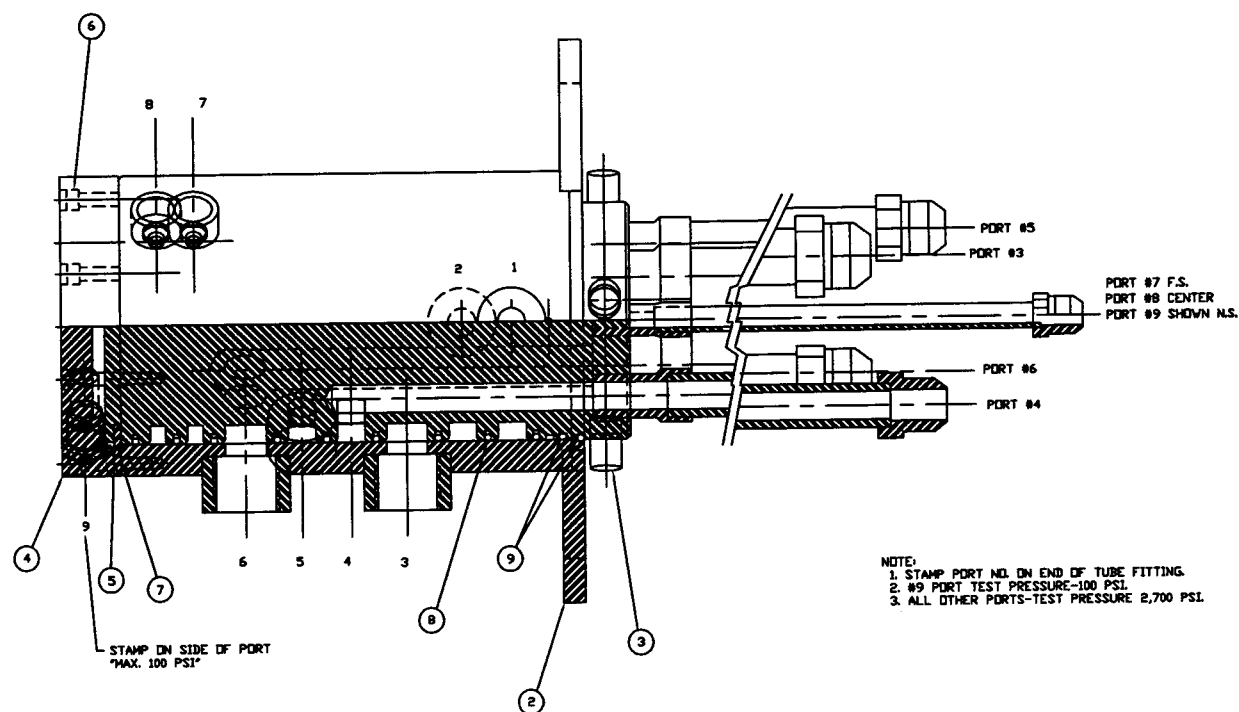
ASSEMBLY
NUMBER

DESCRIPTION

1801249

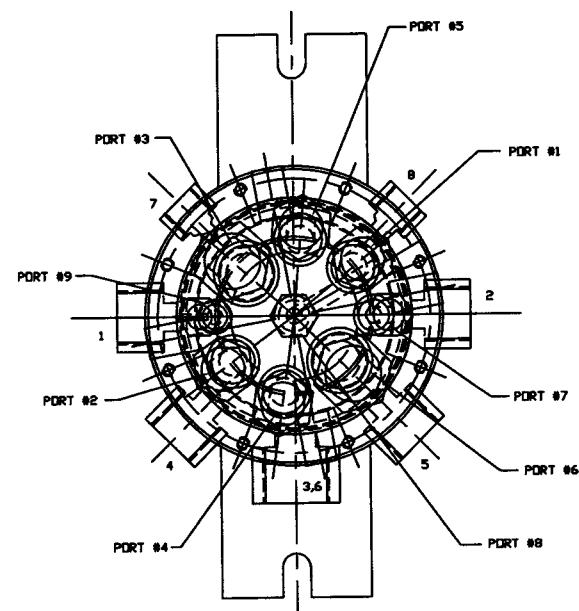
SWIVEL INSTALLATION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
2	1800126	HYDRAULIC SWIVEL - 9 PORT	1
3	1800470	H.H.C.S. 1/2-20 X 1 1/4" LONG	2
4	1800570	1/2" LOCK WASHER	7
5	1800972	1" O-RING BOSS PLUG-HEX HEAD	2
6	1800971	1/2" O-RING BOSS PLUG-HEX HEAD	1
7	1800888	1" TUBE CAP NUT	2
8	1801335	HOSE ASSEMBLY 1503-8	1
9	1800757	STRAIGHT MALE 1/2 PIPE TO 1/2 TUBE	1
10	1800373	SWIVEL ANCHOR TUBE WELDMENT	1
11	1800968	SWIVEL ANCHOR ARM	1
12	1800380	SWIVEL ANCHOR MOUNTING ANGLE	1
13	1801334	H.H.C.S. 1/2-13 X 2" LONG	2
14	1800517	HEX NUT 1/2-13	5



NOTE:
 1. STAMP PORT NO. ON END OF TUBE FITTING.
 2. 49° PORT TEST PRESSURE-100 PSI.
 3. ALL OTHER PORTS-TEST PRESSURE 2,700 PSI.

① ASSEMBLY



TOLERANCES	SWINGMASTER CORPORATION	
UNLESS OTHERWISE SPECIFIED FRACTIONS +/- 3 PLACE DECIMALS +/- 2 PLACE DECIMALS +/- 1 PLACE DECIMALS +/- ANGLES	11415 MELROSE AVENUE FRANKLIN PARK, ILLINOIS 60131	
SEE SWINGMASTER SPECIFICATION 0-1 FOR TOLERANCES NOT SPECIFIED	HYDRAULIC SWIVEL ASSEMBLY	
DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING SCALE: 1/1.25	MODEL 181	
	DRAWN BY: R.M. DATE: 7-23-96 D-694	

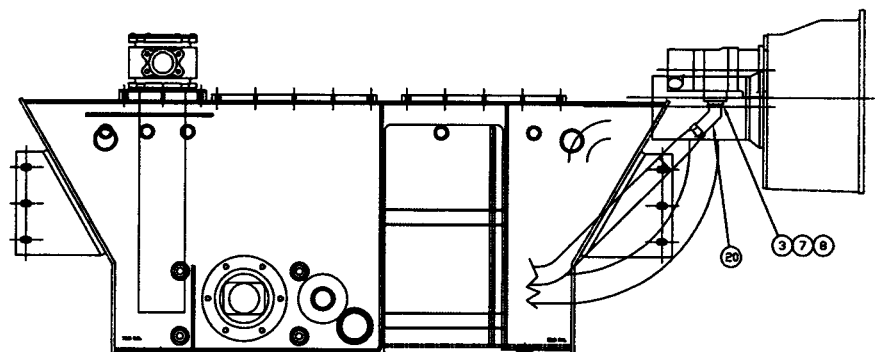
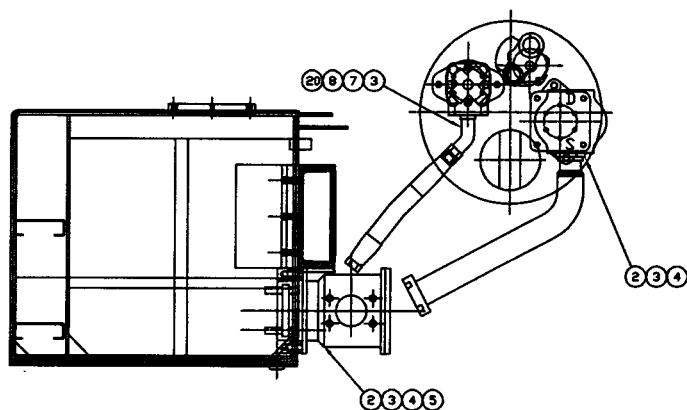
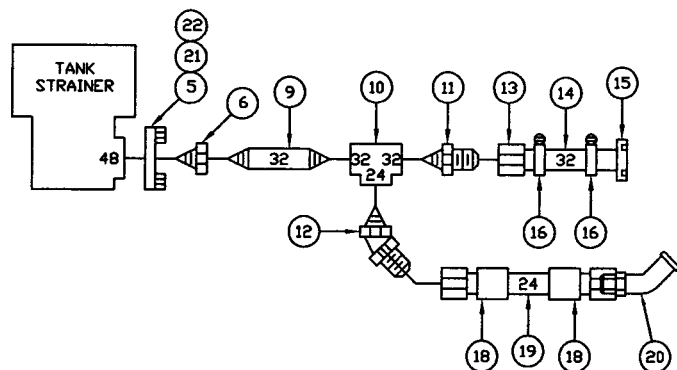
SWINGMASTER CORPORATION

PARTS BOOK

MACHINE	SECTION	20
MODEL 181 SWINGLOADER	HYDRAULIC SYSTEM	

ASSEMBLY NUMBER	DESCRIPTION
1805519	9 PORT HYDRAULIC SWIVEL ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
002	1805520	SWIVEL BARREL WELDMNTL ASSEMBLY	1
003	1805521	CORE LINE WELDMNT	1
004	1805522	CAP	1
005	1805523	LOCK RING	1
006	1805527	S.H.C.S. 1/4-20X1-1/4"LG	8
007	1805525	O-RING	1
008	1805526	SEAL SET	9
009	1805524	O-RINGING	2



1 INSTALLATION

TOLERANCES	SWINGMASTER CORPORATION	
UNLESS OTHERWISE SPECIFIED FRACTIONS +/- 3 PLACE DECIMALS +/- 2 PLACE DECIMALS +/- 1 PLACE DECIMALS +/- ANGLES	11415 MELROSE AVENUE FRANKLIN PARK, ILLINOIS 60131	
SEE SWINGMASTER SPECIFICATION 0-1 FOR TOLERANCES NOT SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING SCALE:	MAIN HYDRAULIC SUCTION LINES & FITTINGS	
	MODEL 181	DRAWING NO.
	DRAWN BY: J.K.	DATE: 8-15-90
		C1-365

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

20

MODEL 181 SWINGLOADER

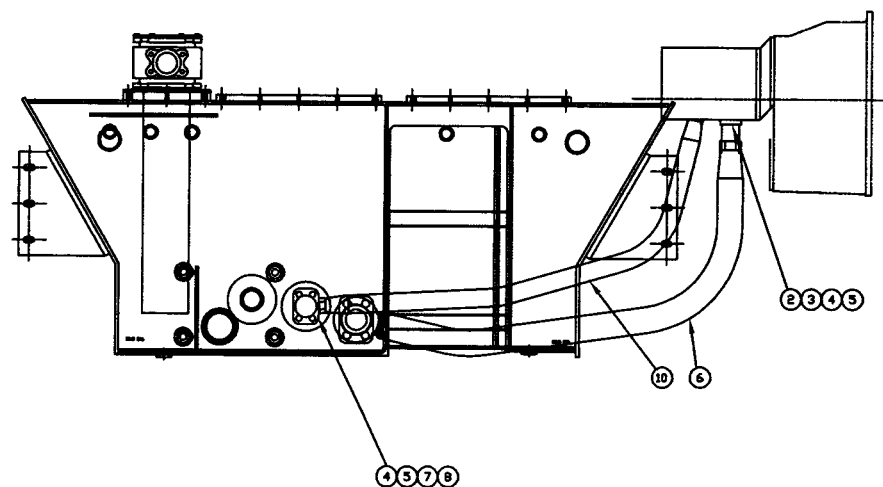
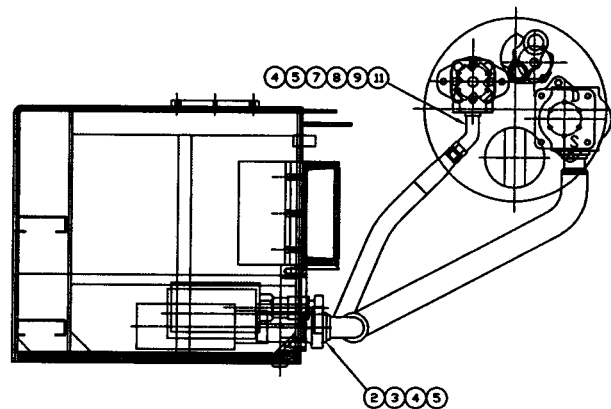
HYDRAULIC SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1806961 MAIN SUCTION LINES & FITTINGS INSTALL

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
002	1800827	2" SPLIT FLANGE CLAMP HALF	2
003	1801343	12 POINT FLANGED SCREW 1/2-13 X 1 1/4 LG	8
004	1800822	2" O-RING FOR SPLIT FLANGE HEAD	1
005	1805891	4 BOLT FLANGE ADAPTER	1
006	1805892	3" TO 2" REDUCING BUSHING	1
007	1800826	1 1/2" SPLIT FLANGE CLAMP HALF	2
008	1800821	1 1/2" O-RING FOR SPLIT FLANGE HEAD	1
009	1804161	PIPE NIPPLE - 2"	1
010	1805893	150LB REDUCING TEE 2x2x1-1/2	1
011	1805894	PIPE TO FLARE UNION -32-32S	1
012	1805895	PIPE TO FLARE 45 DEG. MALE ELBOW -32-32S	1
013	1805896	FLARE SWIVEL END -32-32	1
014	1800727	2661-32 BULK HOSE/(IN)	1
015	1801007	STRAIGHT 1 1/2" SPLIT FLANGE-2661-12	1
016	1800693	2 1/2" HOSE CLAMP	2
018	1800998	HOSE FITTING -24	1
019	1805897	HOSE 1503-24	1
020	1802683	1 1/2" 45 DEG ELBOW-SPLIT FLANGE TO TUBE	1
021	1805898	12 PT FLANGE HEAD CAP SCREW 5/8-11x1-3/4	4
022	1805899	O-RING -48	1



1 INSTALLATION

TOLERANCES	SWINGMASTER CORPORATION	
UNLESS OTHERWISE SPECIFIED	11415 MELROSE AVENUE	
FRACTIONS +/-	FRANKLIN PARK, ILLINOIS 60131	
3 PLACE DECIMALS +/-	MAIN HYDRAULIC SUCTION LINES & FITTINGS	
2 PLACE DECIMALS +/-	MODEL 181	
1 PLACE DECIMALS +/-	DRAWN BY: JJK	
ANGLES	DATE: 8-13-90	
SEE SWINGMASTER SPECIFICATION	DRAWING NO.	
6-1 FOR TOLERANCES NOT SPECIFIED	C2-365	
DIMENSIONS ARE IN INCHES		
DO NOT SCALE DRAWING		
SCALE 1		

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

20

MODEL 181 SWINGLOADER

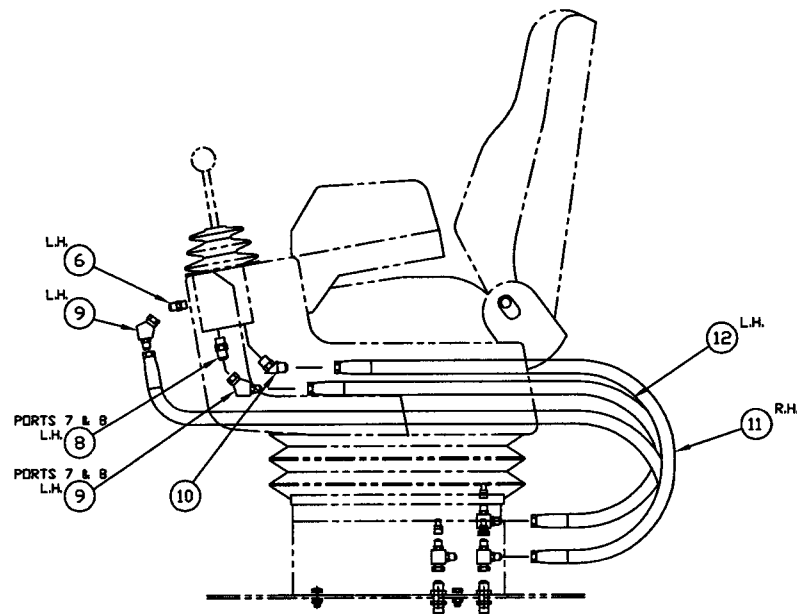
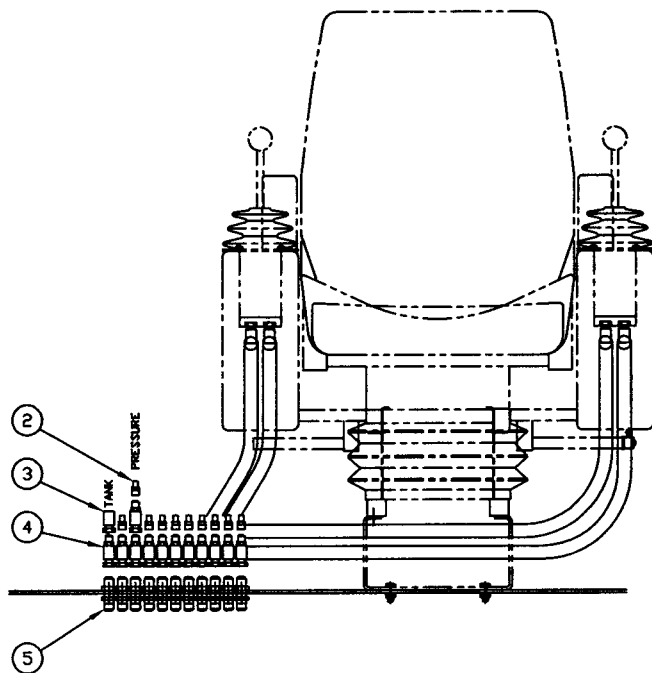
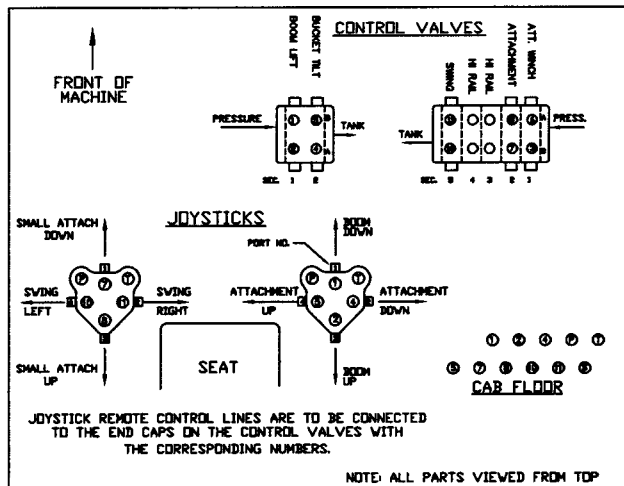
HYDRAULIC SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1806962 MAIN SUCTION LINES & FITTINGS INSTALL

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
2	1800822	2" O-RING FOR SPLIT FLANGE HEAD	2
3	1800827	2" SPLIT FLANGE CLAMP HALF	4
4	1801343	12 POINT FLANGED SCREW 1/2-13 X 1 1/4 LG	16
5	1800570	1/2" LOCK WASHER	16
6	1802338	HOSE ASSEMBLY 2661-32	1
7	1800821	1 1/2" O-RING FOR SPLIT FLANGE HEAD	2
8	1800826	1 1/2" SPLIT FLANGE CLAMP HALF	4
9	1802340	90 DEG-1 1/2 SPLIT FLANGE TO 1 1/2-M TBE	1
10	1801342	HOSE ASSEMBLY 1503-24	1
11	1802683	1 1/2" 45 DEG ELBOW-SPLIT FLANGE TO TUBE	1
12			



1 INSTALLATION

TOLERANCES

UNLESS OTHERWISE SPECIFIED
FRACTIONS $\pm$ / -
3 PLACE DECIMALS $\pm$ / -
2 PLACE DECIMALS $\pm$ / -
1 PLACE DECIMALS $\pm$ / -
ANGLES

SEE SWINGMASTER SPECIFICATION
G-1 FOR TOLERANCES NOT SPECIFIED

DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING
SCALE:

SWINGMASTER CORPORATION

11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

HYDRAULIC REMOTE CONTROLS

LINES & FITTINGS INSTALLATION

MODEL 181TC

DRAWN BY: J.K.

DRAWING NO.

DATE: 12-29-09

C2-369

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

20

MODEL 181 SWINGLOADER

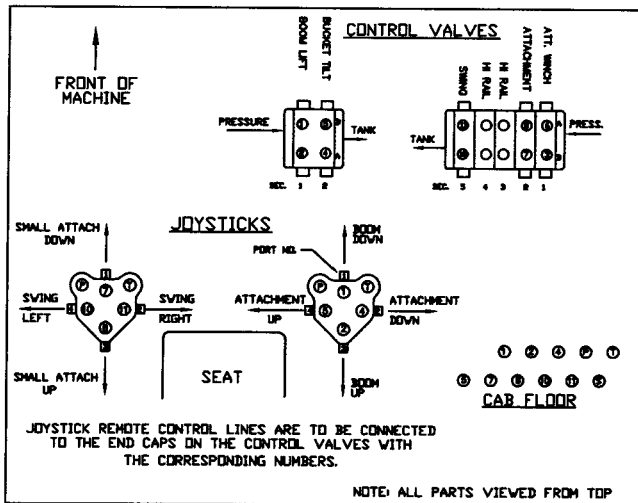
HYDRAULIC SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1806963 HYDRAULIC REMOTE CONTROLS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
002	1801668	3/8" MALE QUICK DISCONNECT	10
003	1800852	90 DEG TUBE ELBOW 3/8 M TO 3/8 F SWIVEL	1
004	1800858	3/8 TUBE RUN TEE M-F SWIVEL-M	12
005	1801033	3/8 TUBE STRAIGHT BULKHEAD UNION	11
006	1802383	STRAIGHT MALE 3/16 O-RING TO 3/8 TUBE	1
007	1803584	NAME PLATE - JOYSTICK PRESSURES	1
008	1805864	REWORKED O-RING UNION -6-6	2
009	1803615	45 DEG TUBE ELBOW 3/8 M TO 3/8 F SWIVEL	3
010	1803556	45 DEG MALE ELBOW 3/8 TUBE TO 3/8 O-RING	10
011	1801786	HOSE ASSEMBLY 1503-6	6
012	1803772	HOSE ASSEMBLY 1503-6	7



SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

20

MODEL 181 SWINGLOADER

HYDRAULIC SYSTEM

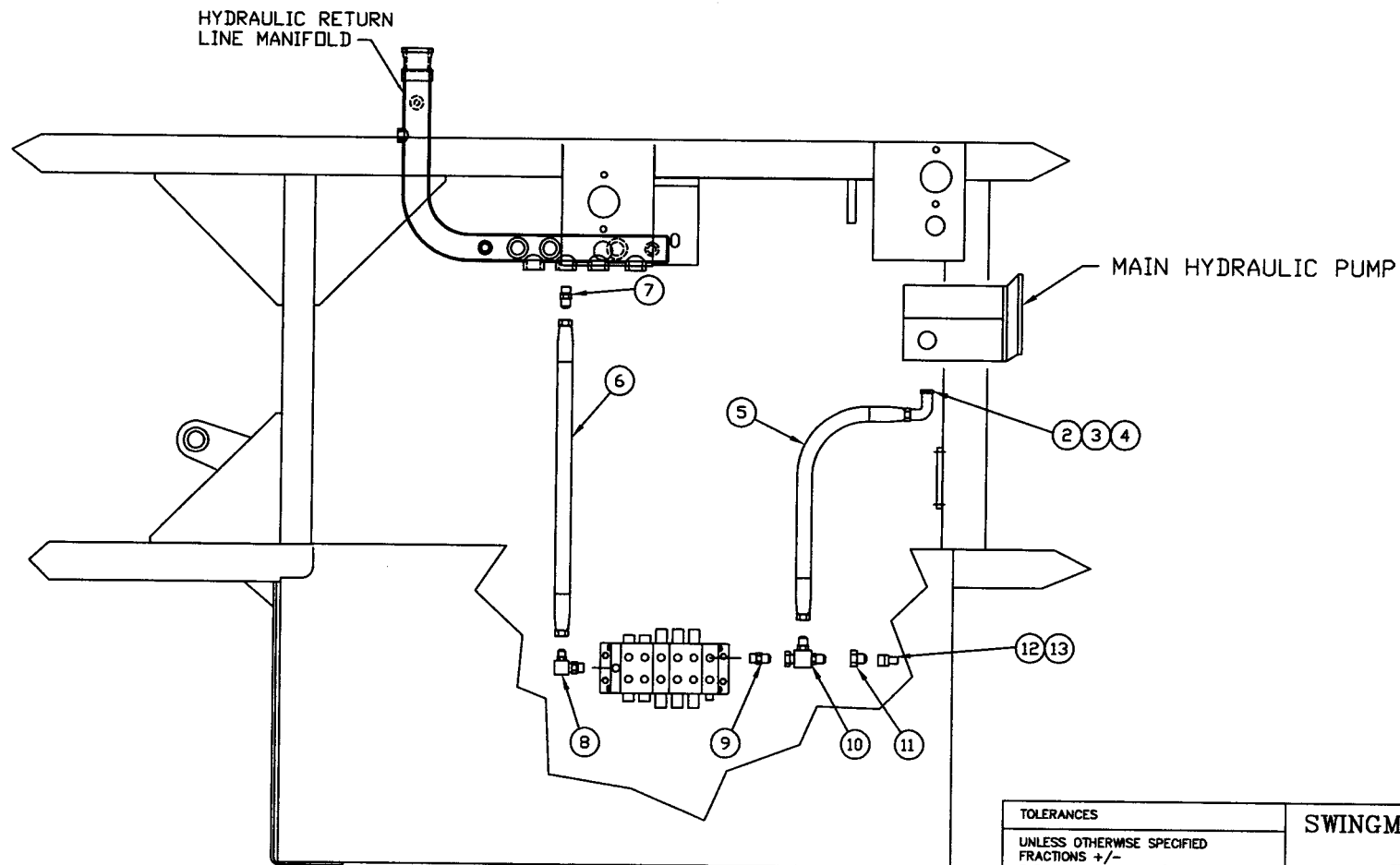
ASSEMBLY
NUMBER

DESCRIPTION

1806964

H.R.C. LINES & FITTINGS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
002	1803790	HOSE ASSEMBLY 1503-6	1
003	1802416	HOSE ASSEMBLY 1503-6	1
004	1802416	HOSE ASSEMBLY 1503-6	1
005	1802547	HOSE ASSEMBLY 1503-6	1
006	1805851	HOSE ASSEMBLY 1503-6	1
007	1801348	HOSE ASSEMBLY 1503-6	1
008	1805853	HOSE ASSEMBLY 1503-6	5
009	1805854	HOSE ASSEMBLY 1503-6	2
010	1800794	90 DEG MALE ELBOW 3/8 O-RING TO 3/8 TUBE	2
011	1805856	HOSE ASSEMBLY 1503-6	15
012	1801033	3/8 TUBE STRAIGHT BULKHEAD UNION	4
013	1805857	TUBE ASSEMBLY -6	9
014	1804103	TUBE UNION - 3/8	2
015	1805855	HOSE ASSEMBLY 1503-6	11



TOLERANCES

UNLESS OTHERWISE SPECIFIED
 FRACTIONS $\pm$ /-
 3 PLACE DECIMALS $\pm$ /-
 2 PLACE DECIMALS $\pm$ /-
 1 PLACE DECIMALS $\pm$ /-
 ANGLES

SEE SWINGMASTER SPECIFICATION
 G-1 FOR TOLERANCES NOT SPECIFIED

DIMENSIONS ARE IN INCHES
 DO NOT SCALE DRAWING
 SCALE

SWINGMASTER CORPORATION

11415 MELROSE AVENUE
 FRANKLIN PARK, ILLINOIS 60131

SECONDARY HYD. CONTROL VALVE LINES &
 FITTING INSTALLATION (PRESSURE & RETURN)

MODEL 181TC

DRAWN BY: J.K.

DATE: 4-21-10

DRAWING NO.

C3-172

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

20

MODEL 181 SWINGLOADER

HYDRAULIC SYSTEM

ASSEMBLY
NUMBER

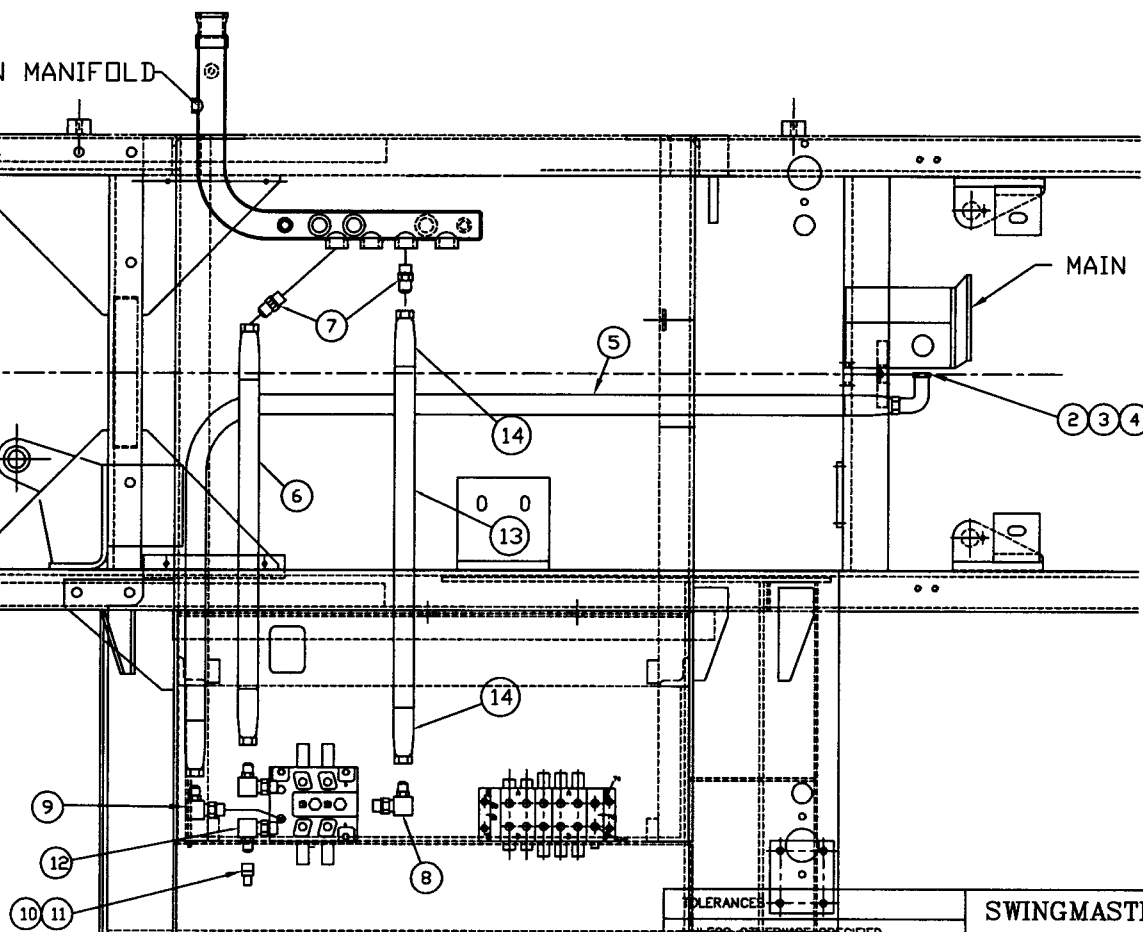
DESCRIPTION

1806965 SECONDARY VALVE LINES & FITTINGS (P&R)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
2	1800823	3/4" SPLIT FLANGE CLAMP HALF	2
3	1800867	12 POINT FLANGED SCREW 3/8-16 X 1 1/4 LG	4
4	1800817	3/4" O-RING FOR SPLIT FLANGE HEAD	1
5	1801340	HOSE ASSEMBLY 2781-12	1
6	1802928	HOSE ASSEMBLY 1503-12	1
7	1800770	STRAIGHT MALE 3/4 O-RING TO 3/4 TUBE	1
8	1800799	90 DEG MALE ELBOW 5/8 O-RING TO 3/4 TUBE	1
9	1800768	STRAIGHT MALE 5/8 O-RING TO 3/4 TUBE	1
10	1800861	3/4 TUBE RUN TEE M-F SWIVEL-M	1
11	1802380	STRAIGHT TUBE ADAPTER 1/2-M TO 3/4-F	1
12	1800264	TEST PORT - 3/4"-16	1
13	1800876	DUST CAP	1

RETURN MANIFOLD

MAIN HYDRAULIC PUMP



① INSTALLATION

TOLERANCES

UNLESS OTHERWISE SPECIFIED

FRACTIONS $\pm$ / -
 3 PLACE DECIMALS $\pm$ / -
 2 PLACE DECIMALS $\pm$ / -
 1 PLACE DECIMALS $\pm$ / -
 ANGLES

SEE SWINGMASTER SPECIFICATION
 G-1 FOR TOLERANCES NOT SPECIFIED

DIMENSIONS ARE IN INCHES
 DO NOT SCALE DRAWING
 SCALE 1

SWINGMASTER CORPORATION

11415 MELROSE AVENUE
 FRANKLIN PARK, ILLINOIS 60131

MAIN HYDRAULIC CONTROL VALVE LINES &
 FITTING INSTALLATION (PRESSURE & RETURN)

MODEL 181TC

DRAWN BY: J.K.

DATE: 4-21-10

DRAWING NO.

C3-171

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

20

MODEL 181 SWINGLOADER

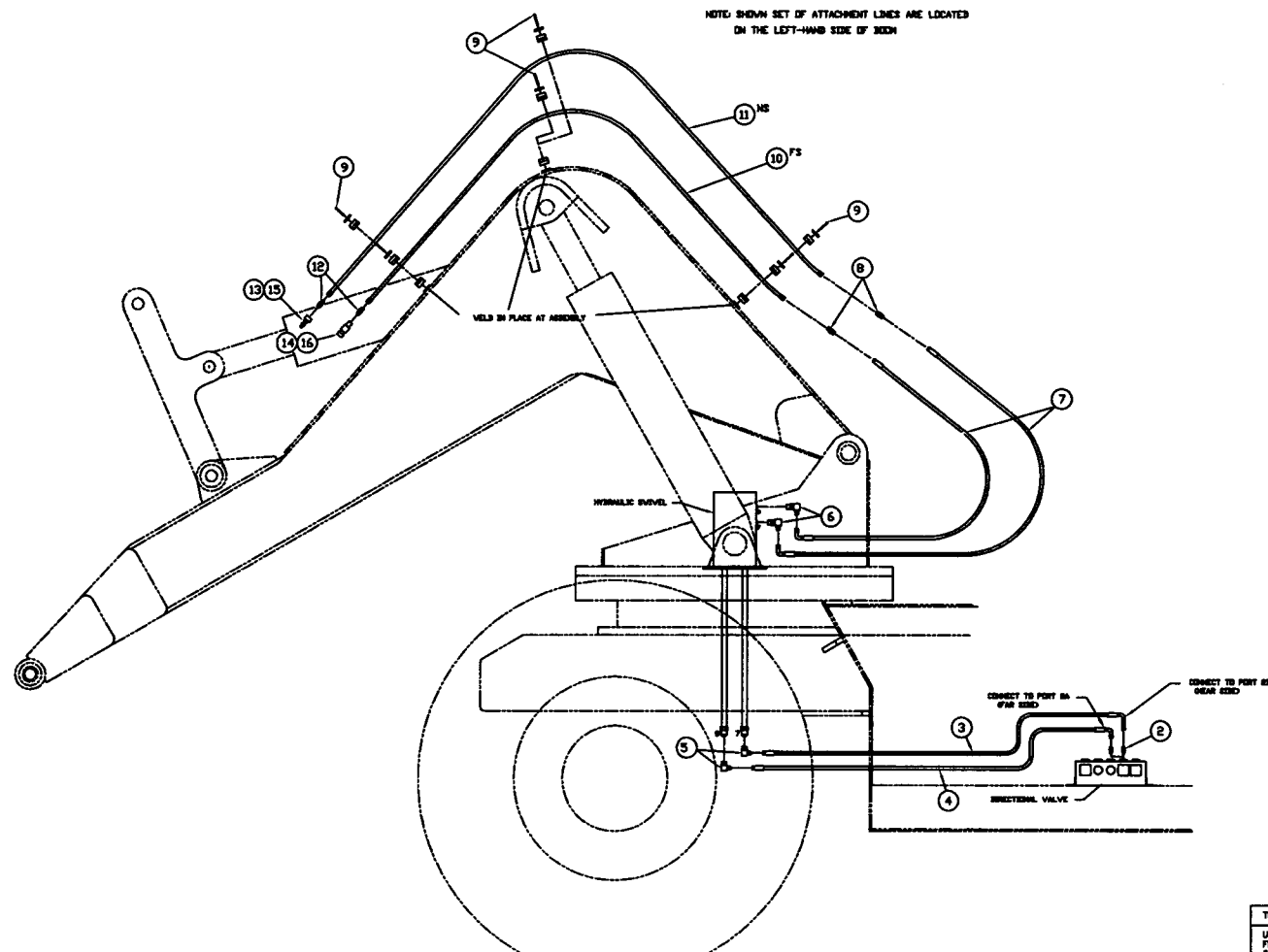
HYDRAULIC SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1806966 MAIN HYD. CONTROL VAVE LINES & FITTINGS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
2	1800825	1 1/4" SPLIT FLANGE CLAMP HALF	2
3	1800869	12 POINT FLANGED SCREW 7/16-14X 1 1/4 LG	4
4	1800820	1 1/4" O-RING FOR SPLIT FLANGE HEAD	1
5	1801339	HOSE ASSEMBLY 2781-16	1
6	1801338	HOSE ASSEMBLY 1503-20	1
7	1802525	STRAIGHT MALE 1 1/4 O-RING TO 1 TUBE	2
8	1806897	90%%D MALE ELBOW 1 "O"RING TO 1.25 TUBE	1
9	1800804	90 DEG MALE ELBOW 1 O-RING TO 1 TUBE	1
10	1800264	TEST PORT - 3/4"-16	1
11	1800876	DUST CAP	1
12	1802385	90 DEG MALE ELBOW 1 O-RING TO 1/2 TUBE	1
13	1800725	1503-20 BULK HOSE/(IN)	1
14	1806899	HOSE FITTING	2
15			0
16			0
17			0
18	1800725	1503-20 BULK HOSE/(IN)	0
19	1806899	HOSE FITTING	0



TOLERANCES	SWINGMASTER CORPORATION
UNLESS OTHERWISE SPECIFIED	11415 MELROSE AVENUE FRANKLIN PARK, ILLINOIS 60151
FRACTIONS +/-	SMALL ATTACHMENT HYDRAULIC LINES &
3 PLACE DECIMALS +/-	FITTINGS - SET ONE
2 PLACE DECIMALS +/-	MODEL 181
1 PLACE DECIMALS +/-	DRAWN BY: B.V. DRAWING NO. D-135
ANGLES	DATE: 12-14-87
SEE SWINGMASTER SPECIFICATION	
0-1 FOR TOLERANCES NOT SPECIFIED	
DIMENSIONS ARE IN INCHES	
DO NOT SCALE DRAWING	
SCALE: NONE	

1	6-21-90
REV.NO.	DATE

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

20

MODEL 181 SWINGLOADER

HYDRAULIC SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1801817 SMALL ATTACH. LINES & FITTINGS - SET ONE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
2	1800766	STRAIGHT MALE 1/2 O-RING TO 5/8 TUBE	2
3	1801822	HOSE ASSEMBLY 2781-10	1
4	1801821	HOSE ASSEMBLY 2781-10	1
5	1800854	90 DEG TUBE ELBOW 5/8 M TO 5/8 F SWIVEL	2
6	1800797	90 DEG MALE ELBOW 1/2 O-RING TO 5/8 TUBE	2
7	1801823	HOSE ASSEMBLY 2781-10	2
8	1801072	5/8 TUBE STRAIGHT MALE UNION	2
9	1800229	HOSE CLAMP - 5/8"	6
10	1801818	STEEL TUBE ASSEMBLY	1
11	1801819	STEEL TUBE ASSEMBLY	1
12	1801596	STRAIGHT MALE 3/4 PIPE TO 5/8 TUBE	2
13	1801593	FEMALE QUICK DISCONNECT - 12	1
14	1801592	MALE QUICK DISCONNECT - 12	1
15	1801595	DUST CAP - 12	1
16	1801594	DUST PLUG - 12	1

