

PARTS AND OPERATION MANUAL



CONCRETE SAW MODEL FS 1

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Revision #3 (04/24/03)



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FS 1 CONCRETE SAW — DIMENSIONS

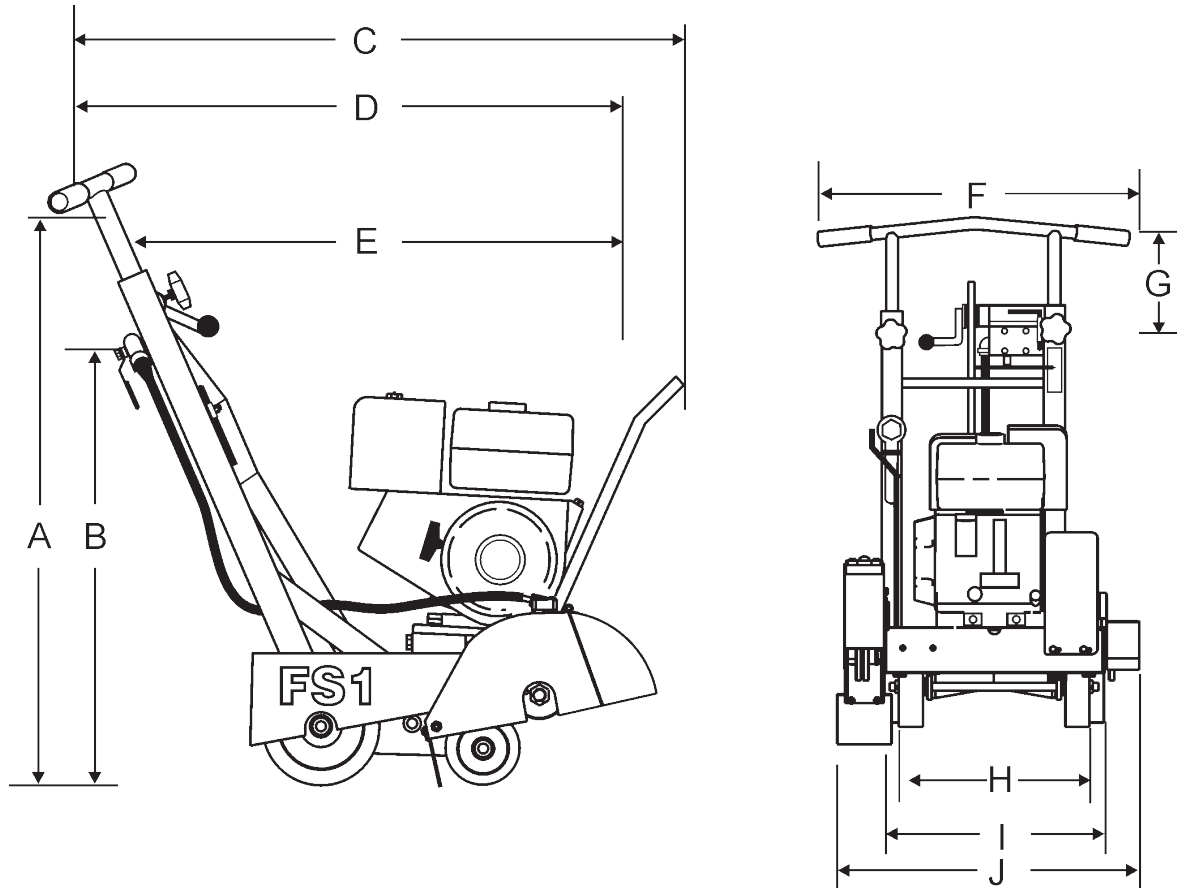


Figure 2. FS 1 Concrete Saw Dimensions

TABLE 1. DIMENSIONS

REFERENCE LETTER	DESCRIPTION	DIMENSION (MM)
A	Max Height (Handle Bars Fully Raised)	50" (1270)
B	Max Height (Handle Bars Fully Lowered)	36" (914)
C	Max Length (Handle Bars Fully Raised & Front Pointer Lowered)	50" (1270)
D	Max Length (Handle Bars Fully Raised & Front Pointer Raised)	39" (991)
E	Max Length (Handle Bars Fully Lowered & Front Pointer Raised)	36." (914)
F	Max Handle Bar Width	26" (660)
G	Max Handle Bar Deflection	16.5" (419)
H	Front Wheel Base	13.5" (343)
I	Rear Wheel Base	16" (406)
J	Max Width	25" (635)
Crated Dimension (L x W x H) 47" (1194) x 30" (762) x 44" (1118)		

FS 1 CONCRETE SAW — WEIGHTS

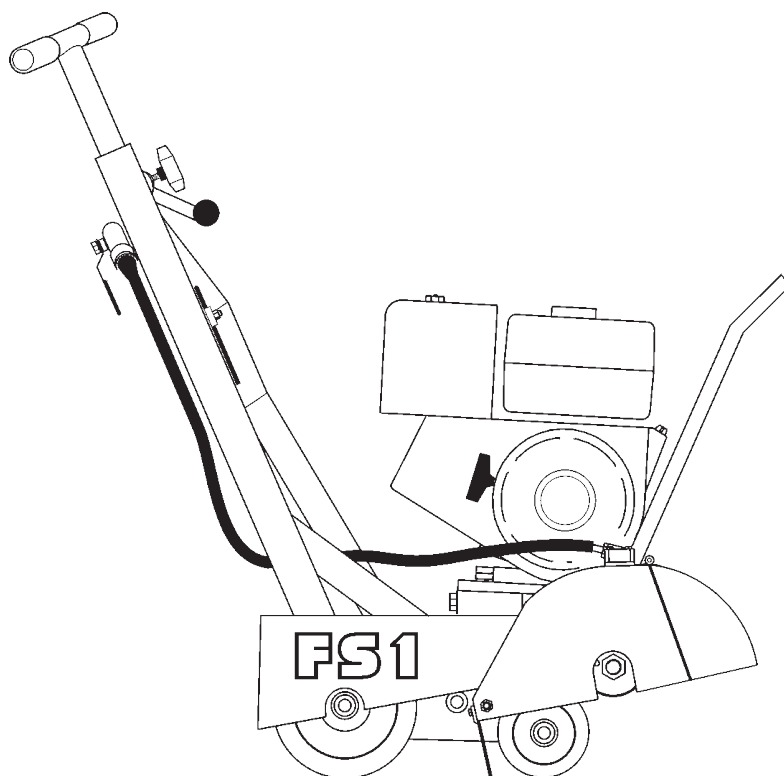
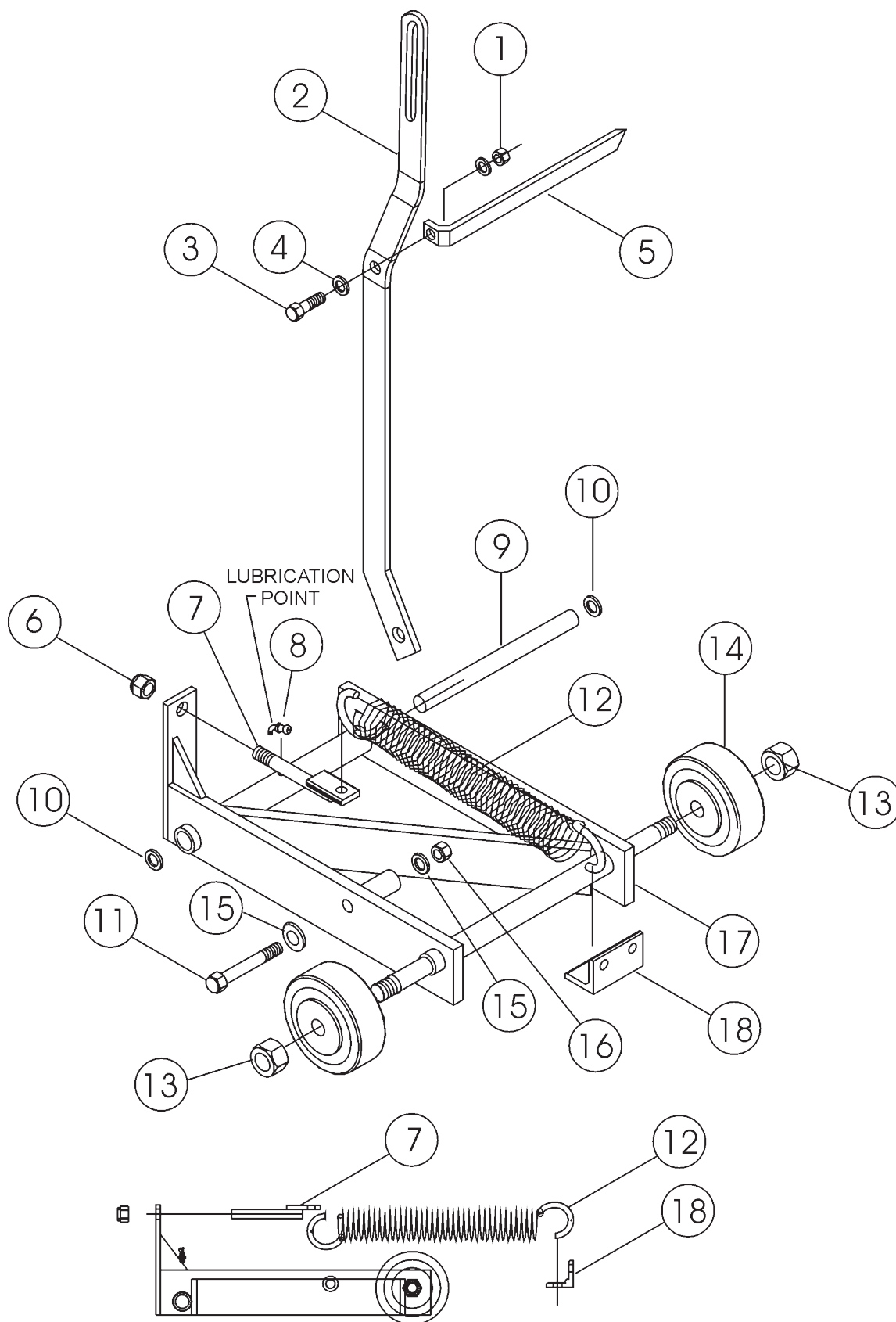


Figure 3. FS 1 Concrete Saw Weights

TABLE 2. WEIGHTS		
SAW	DESCRIPTION	WEIGHT (kgs)
FS1-LE14	SAW, FS1, 14", PUSH, LESS ENGINE	160 (73)
FS1-LE18	SAW, FS1, 18", PUSH, LESS ENGINE	165 (75)
FS1-8H14	SAW, FS1, 14", PUSH, 8 HP HONDA	230 (104)
FS1-8H18	SAW, FS1, 18", PUSH, 8 HP HONDA	235 (106)
FS1-8K14	SAW, FS1, 14", PUSH, 8.5 HP KOHLER	230 (104)
FS1-8K18	SAW, FS1, 18", PUSH, 8.5 HP KOHLER	235 (106)
FS1-9H14	SAW, FS1, 14", PUSH, 9 HP HONDA	230 (104)
FS1-9H18	SAW, FS1, 18", PUSH, 9 HP HONDA	235 (106)
FS1-12K14	SAW, FS1, 14", PUSH, 12 HP KOHLER	240 (109)
FS1-12K18	SAW, FS1, 18", PUSH, 12 HP KOHLER	245 (111)
FS1-13H14	SAW, FS1, 14", PUSH, 13 HP HONDA	240 (109)
FS1-13H18	SAW, FS1, 18", PUSH, 13 HP HONDA	245 (111)
Crated Weight (kgs.) 300 lbs (137)		

FS 1 CONCRETE SAW — UNDER CARRIAGE ASSY.

UNDER CARRIAGE ASSY.



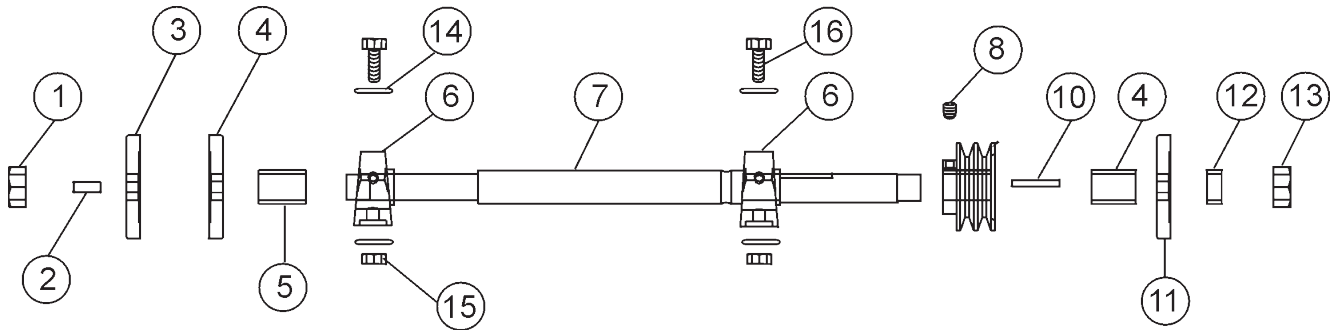
FS 1 CONCRETE SAW — UNDER CARRIAGE ASSY.

UNDER CARRIAGE ASSY.

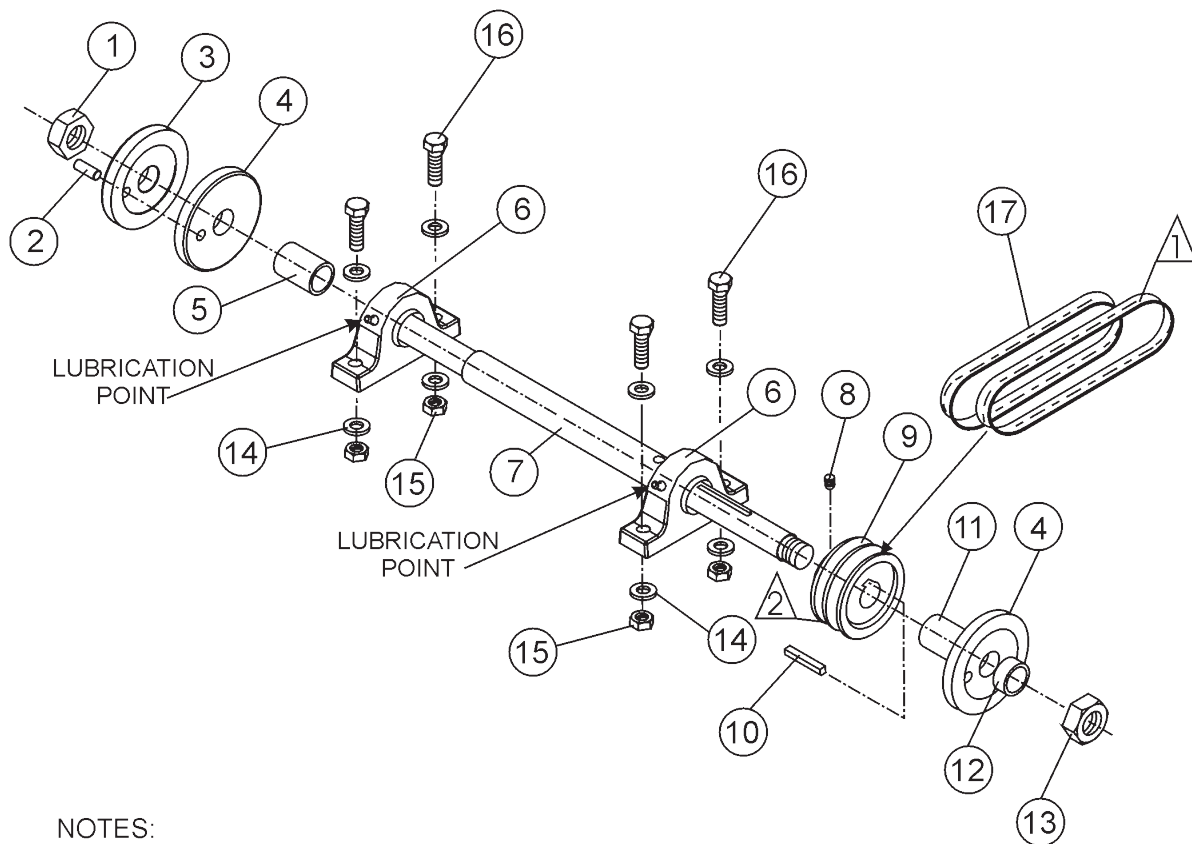
<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	10024	NUT, NYLOC 1/4-20	1	
2	503078	ROD, DEPTH ADJUSTMENT	1	
3	0730	SCREW, HHC 1/4-20 X 1	1	
4	0948	WASHER, FLAT 1/4	2	
5	503602	POINTER, DEPTH	1	
6	10024	NUT, NYLOC 1/2-13	2	
7	511471	TENSIONER, SPRING	1	
8	491704	ZERK FITTING	1	
9	511407	AXLE, REAR	1	S/N 200003 TO 200009
9	511661	AXLE, REAR	1	S/N 200010 TO
10	8151	WASHER, FLAT 3/4	8	
11	503111	SCREW, HHC 1/2-13 X 4-1/4	1	
12	511487	SPRING, DEPTH ADJUSTMENT	1	
13	492586	NUT, NYLOC 5/8 - 11	2	
14	503088	WHEEL, FRONT	2	
15	621	WASHER, FLAT 1/2	2	
16	10176	NUT, NYLOC 1/2 - 13	1	
17	512468	FRAME, CARRIAGE	1	S/N 200003 TO 200009
17	511311	FRAME, CARRIAGE	1	S/N 200010 TO
18	511472	PLATE, SPRING ANCHOR	1	

FS 1 CONCRETE SAW — BLADE SHAFT ASSY.

BLADE SHAFT ASSY.



TOP VIEW



NOTES:

- △1 FS1 18" MODEL REQUIRES 3 V-BELTS
P/N 511501.
- △2 FS1 18" MODEL USES THREE GROOVE
PULLEY P/N 512892.

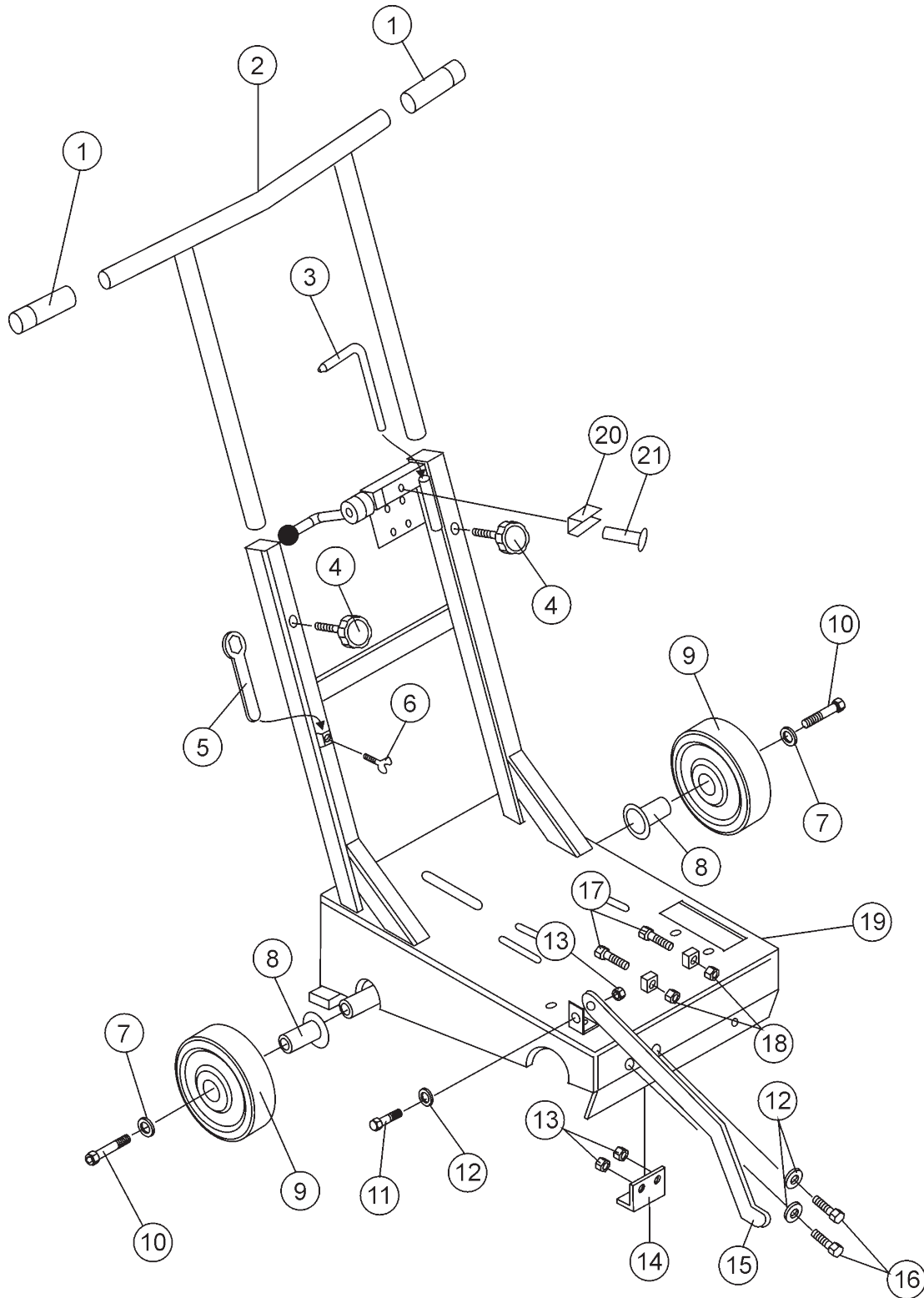
FS 1 CONCRETE SAW — BLADE SHAFT ASSY.

BLADE SHAFT ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	511330	NUT, LEFT-HAND	1	
2	503803	PIN, BLADE DRIVE 3/8" X 1"	1	
3	511332	FLANGE, DRIVEN ASSY.	1	
4	511333	FLANGE, BLADE INSIDE	2	
5	511404	BUSHING, LEFT SIDE	1	
6	492167	BEARING, PILLOW BLOCK	2	
7	511329	SHAFT, BLADE	1	S/N 200003 TO 200009
7	511659	SHAFT, BLADE	1	S/N 200010 TO
8	492467	SCREW, SET 5/16" NC X 3/8"	1	
9	505205	PULLEY (2-GROOVE)	1	
9	512892	PULLEY (3-GROOVE)	1	S/N 20010501
10	500194	KEY 1/4" X 1-3/4	1	
11	511405	BUSHING, RIGHT SIDE	1	USED WITH 2-BELT PULLEY
11	512896	BUSHING, RIGHT SIDE	1	USED WITH 3-BELT PULLEY S/N20010128
12	511466	SPACER, BLADE SHAFT	1	
13	511331	NUT, RIGHT-HAND	1	
14	504679	WASHER, FLAT 3/8	8	
15	10133	NUT, NYLOCK 3/8 - 16	4	
16	490166	SCREW, HHC 3/8 - 16 X 3 1/2	4	
17	511501	V-BELT A-27	2	8.0, 8.5 AND 9.0 HP ENGINES.
17	511501	V-BELT A-27	3	11, 12 AND 13 HP ENGINES S/N 20010501

FS 1 CONCRETE SAW — FRAME ASSY.

FRAME ASSY.



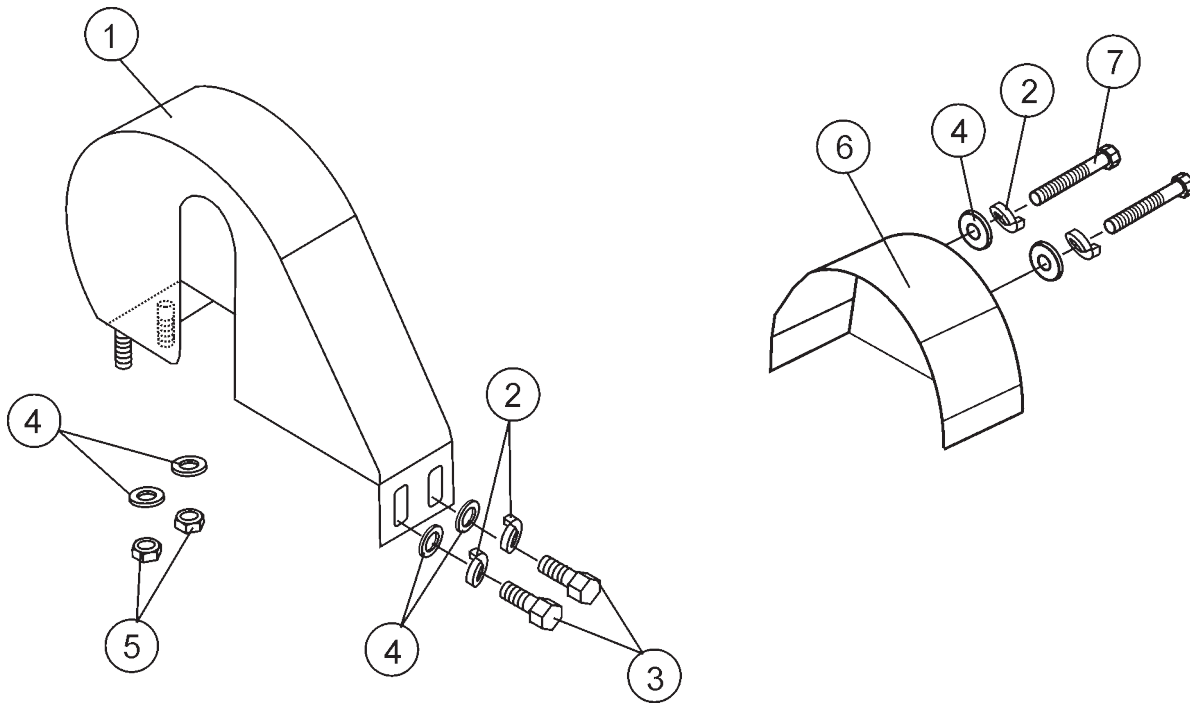
FS 1 CONCRETE SAW — FRAME ASSY.

FRAME ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	511432	HANDLE, GRIP	2	
2	511436	HANDLE BAR	1	
3	511502	TOOL, SHAFT LOCK	1	
4	503015	KNOB, CLAMPING	2	
5	511503F	WRENCH	1	
6	511481	SCREW, WING 5/16-18X1	1	
7	621	WASHER, FLAT 1/2	2	
8	511429	BUSHING, WHEEL	2	
9	511433	WHEEL, REAR	2	
10	511428	SCREW, ALLEN HEAD 1/2-13X3	2	
11	1023	SCREW, HHC 3/18-16 X 1-1/4	2	
12	504679	WASHER, FLAT 3/8	3	
13	10133	NUT, NYLOC 3/8-16	3	
14	511472	PLATE, SPRING ANCHOR	1	
15	503057	ROD, POINTER	1	
16	1023	SCREW, HHC 3/8-16 X 1-1/4	1	
17	492305	SCREW, HHC 5/16-18 X 1-3/4	2	
18	492553	NUT, HEX FINISH 5/16-18	2	
19	512467	CHASSIS	1	S/N 200003 TO 200009
19	511853	CHASSIS	1	S/N 200010 TO
20	511474	CLIP, TOOL	1	
21	503723	RIVET	1	

FS 1 CONCRETE SAW — COVER ASSY.

COVER ASSY.



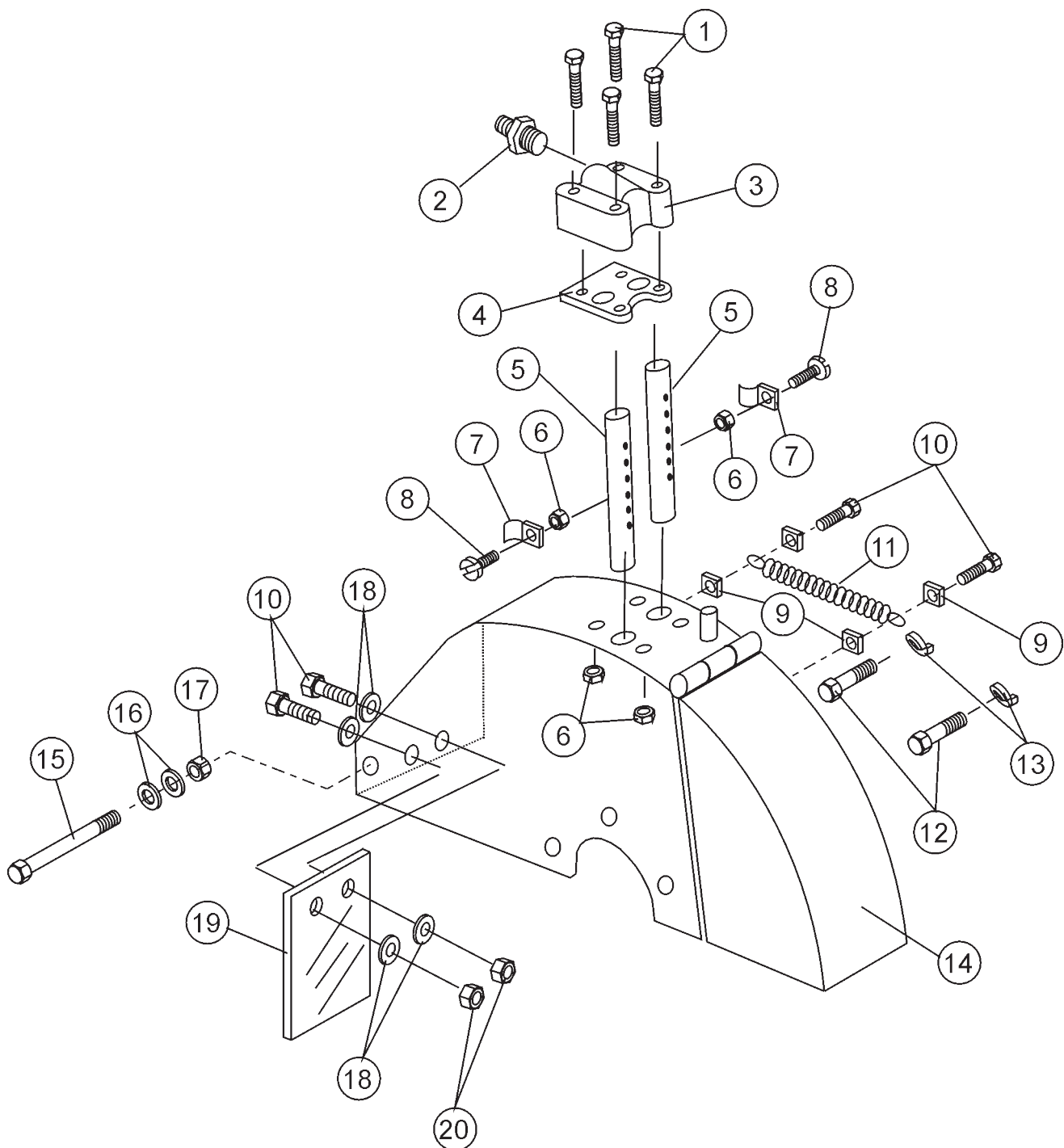
FS 1 CONCRETE SAW — COVER ASSY.

COVER ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	503012	COVER, BELT	1	
2	592623	WASHER, LOCK	4	
3	0655	SCREW, HHC 5/16 - 18 X 3/4	2	
4	492597	WASHER, FLAT 5/16	6	
5			2	
6	503014	COVER, BLADE FLANGE	1	
7	503114	SCREW, HHC 5/16 - 18 X 3-1/2	2	

FS 1 CONCRETE SAW — BLADE GUARD ASSY.

BLADE GUARD ASSY.



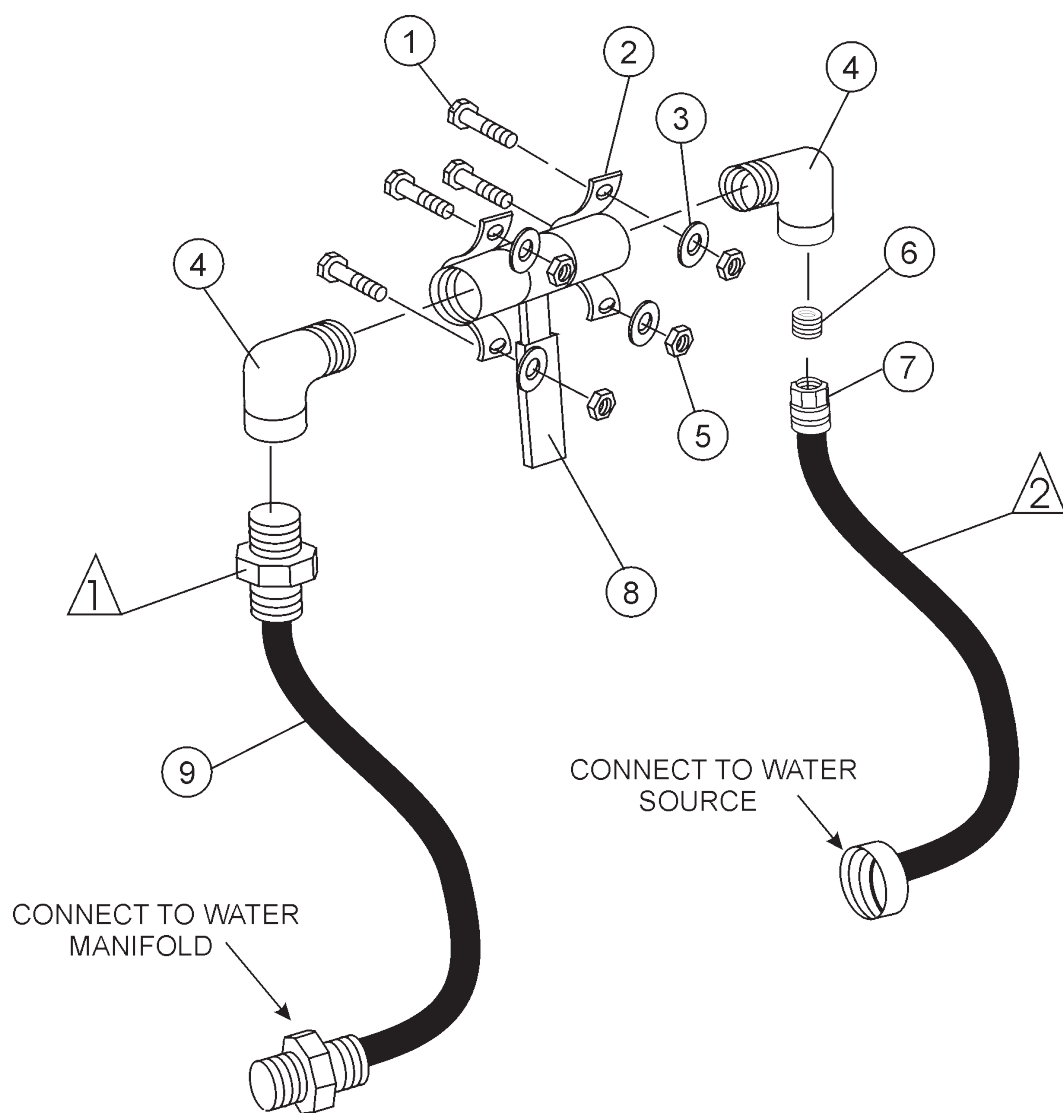
FS 1 CONCRETE SAW — BLADE GUARD ASSY.

BLADE GUARD ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	26250	SCREW, HHC 1/4 - 20 X 13/4	4	
2	503103	FITTING	1	
3	503082	MANIFOLD	1	
4	503083	GASKET, MANIFOLD FLOOD	1	
5	503079	TUBE, FLOOD	2	
6	10024	NUT, NYLOCK 1/4 - 20 X 3/4	6	
7	15160	CLIP, CONDUIT	2	
8	503113	SCREW, COUNTER SUNK 1/4 - 20 X 3/4	2	
9	492531	NUT, SQUARE 3/16 - 24	4	
10	503115	SCREW, HHC 3/16 - 24 X 3/4	4	
11	503090	SPRING, CENTURY	1	
12	0655	SCREW, HHC 5/16 - 18 X 3/4	4	
13	492623	WASHER, LOCK 5/16"	6	
14	503017	GUARD, BLADE 14" BODY	1	
14	504673	GUARD, BLADE 18" BODY	1	
15	492384	SCREW, HHC 3/8 - 16 X 4	1	
16	504679	WASHER, FLAT 3/8	2	
17	10133	NUT, NYLOC 3/8 - 16	1	
18	492595	WASHER, FLAT 3/16	4	
19	503084	FLAP, NEOPRENE WATER SHIELD	1	
20	503119	NUT, NYLOC 3/16 - 24	2	

FS 1 CONCRETE SAW — WATER SYSTEM ASSY.

WATER SYSTEM ASSY.



NOTES:

- 1** INCLUDED WITH HOSE, ITEM 9.
- 2** GARDEN HOSE NOT INCLUDED

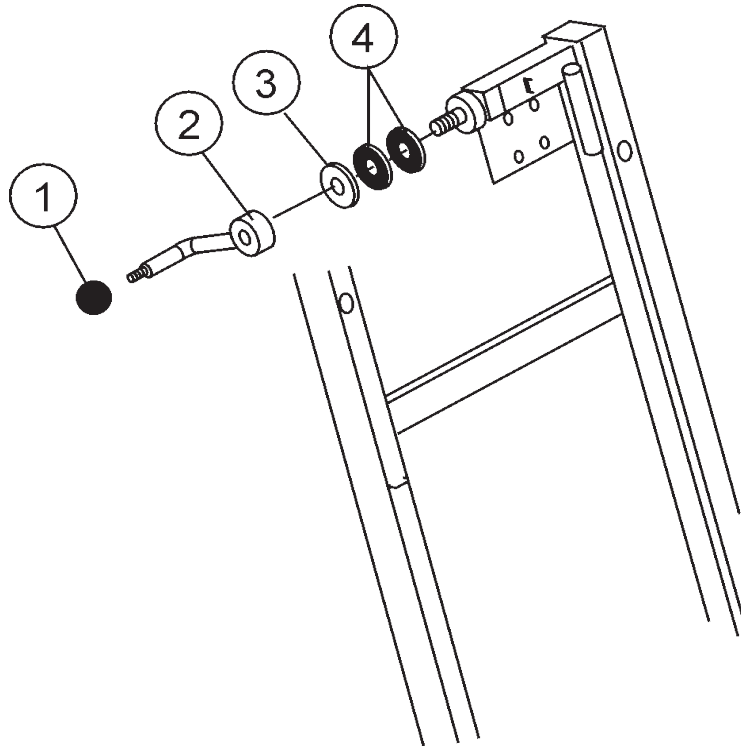
FS 1 CONCRETE SAW — WATER SYSTEM ASSY.

WATER SYSTEM ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	0730	SCREW, HHC 1/4-20 X 1	4	
2	511431	CLAMP, 3/4	2	
3	0948	WASHER, FLAT 1/4	4	
4	491163	FITTING, 1/2" X 90" PIPE	2	
5	10024	NUT, NYLOC 1/4-20	4	
6	491201	FITTING, 1/2" NPT CONNECTOR	1	
7	503124	FITTING, 1/2 NPT/ GARDEN HS BRASS	1	
8	491237	VALVE, BALL COCK 1/2" NPT	1	
9	503108	HOSE, 1/2	1	

FS 1 CONCRETE SAW — MANUAL RAISE AND LOWER ASSY.

MANUAL RAISE AND LOWER ASSY.



FS 1 CONCRETE SAW — MANUAL RAISE AND LOWER ASSY.

MANUAL RAISE/LOWER ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	4910196	KNOB, 3/8 NC	1	
2	503013	LEVER	1	
3	503093	WASHER, FLAT	1	
4	503094	WASHER, COMPOSITE	2	