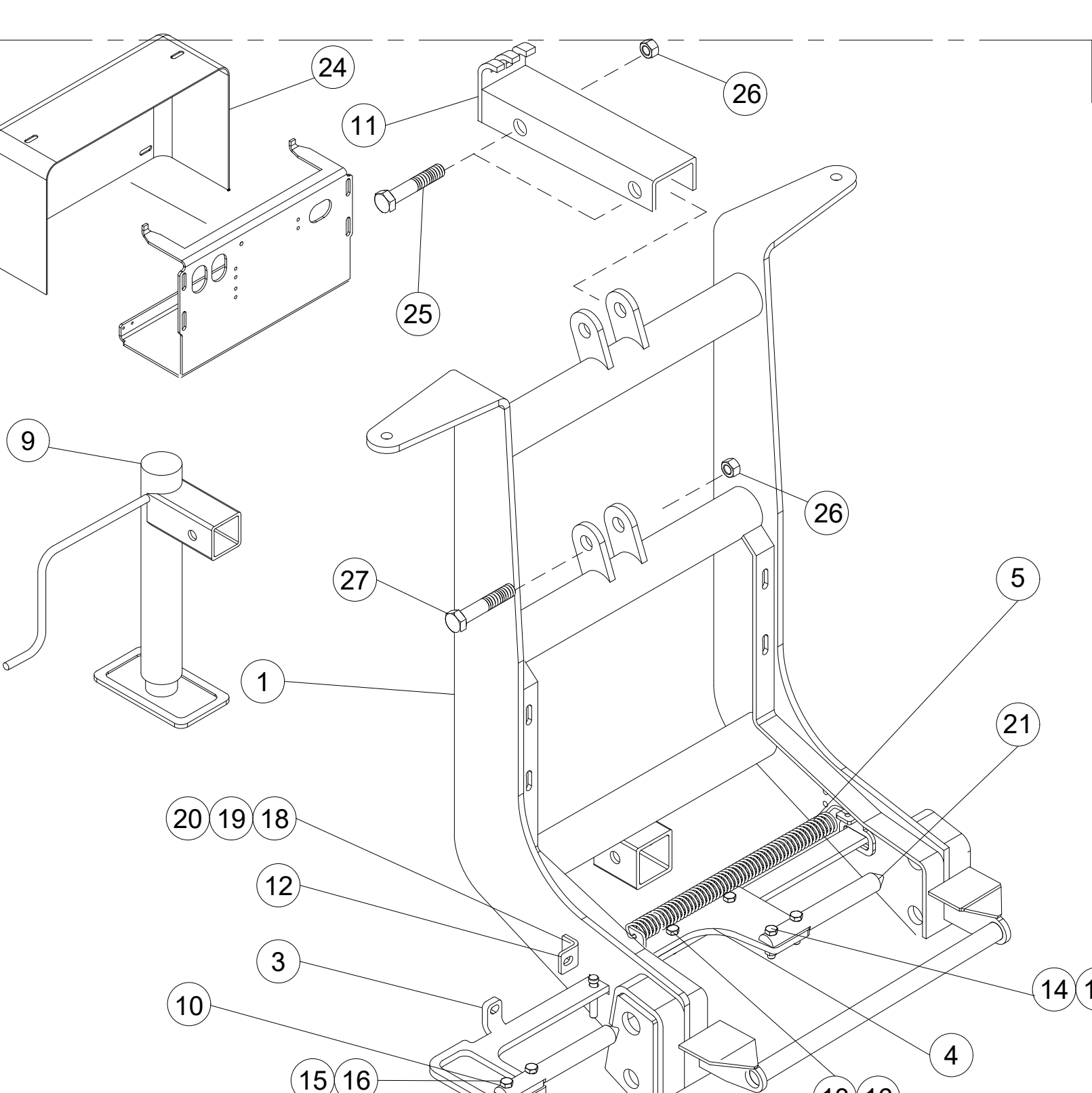
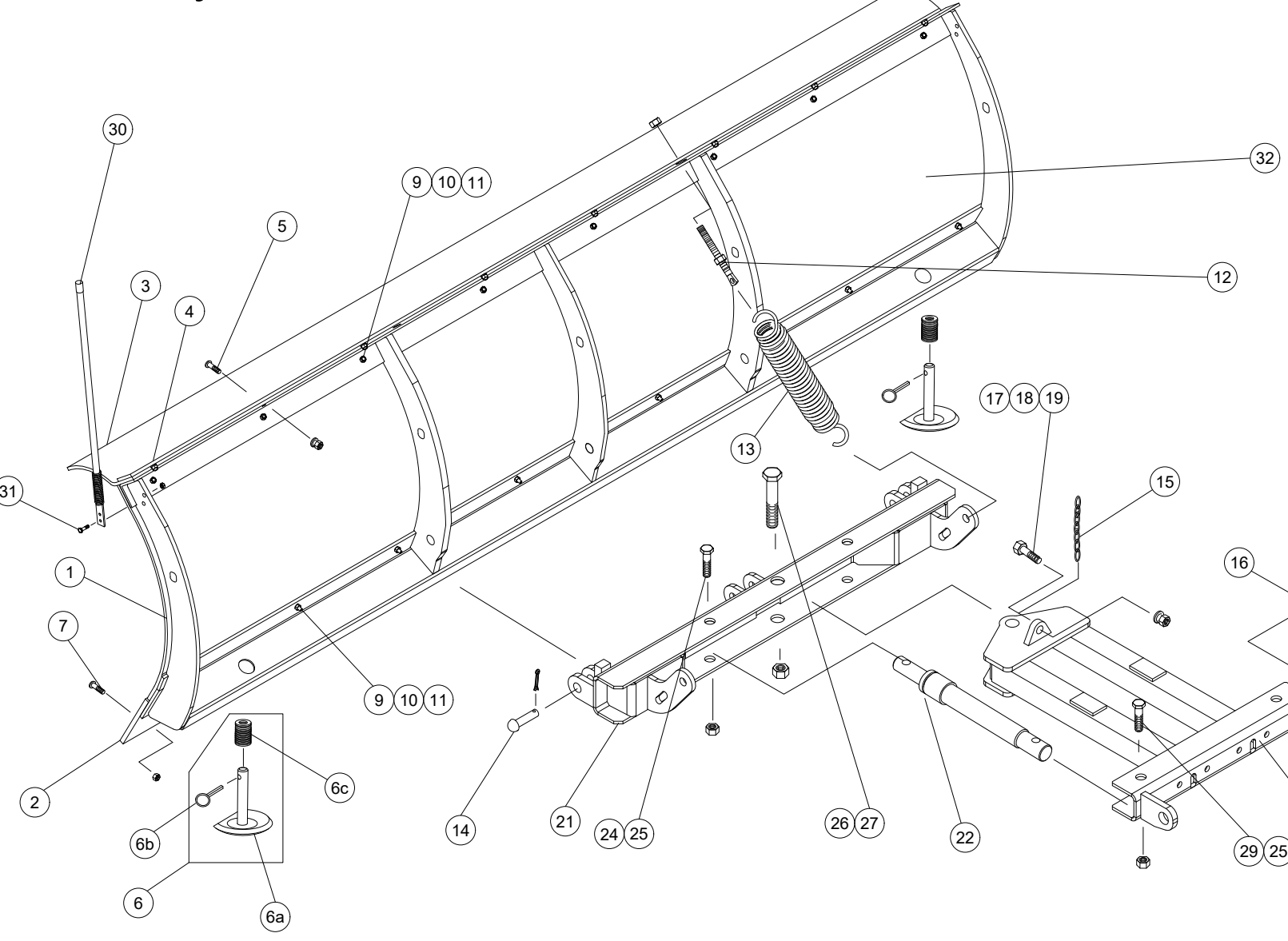
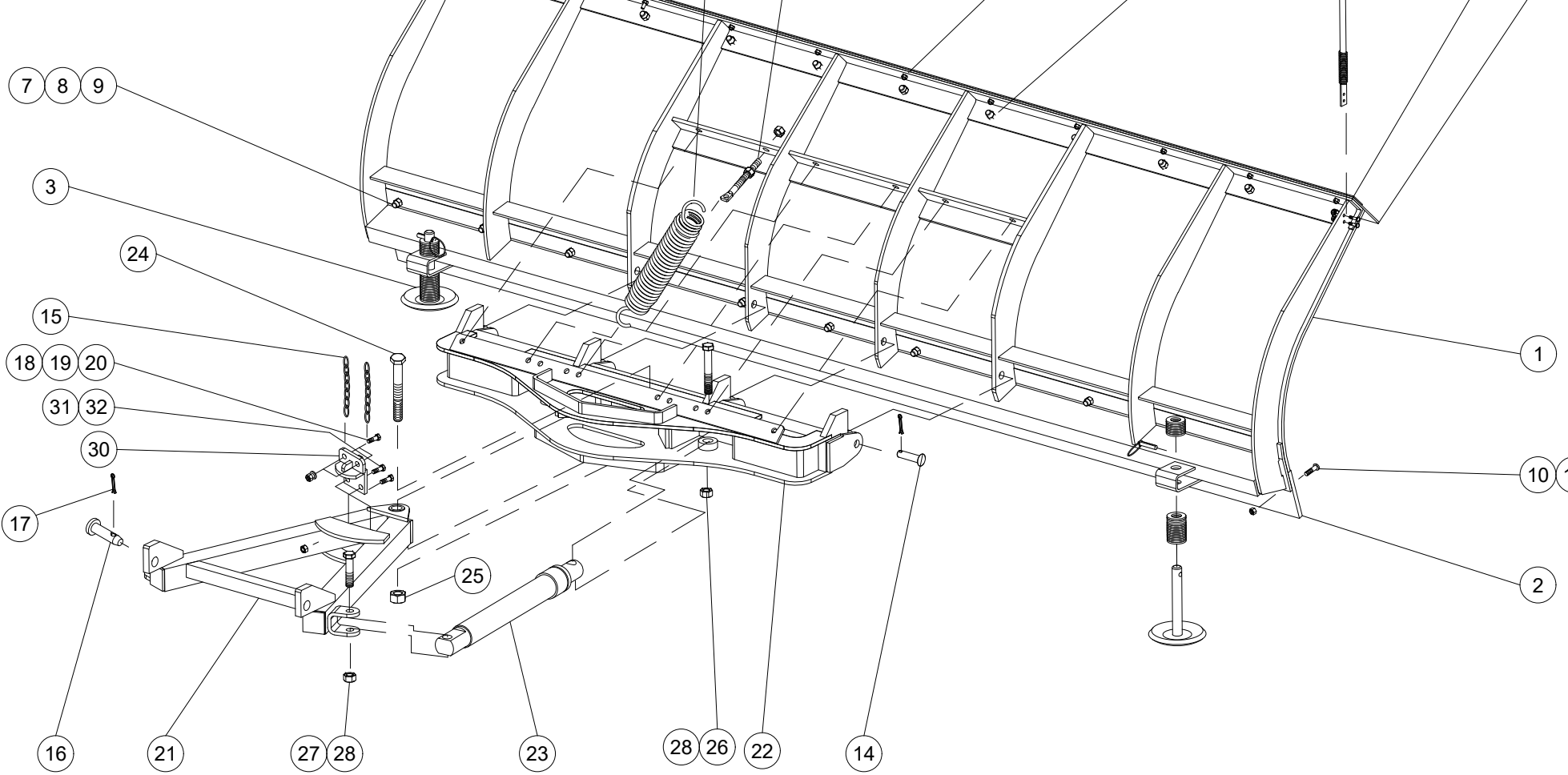


SD2 Poly Blade 90"



Extra Heavy Duty Poly blade 120"



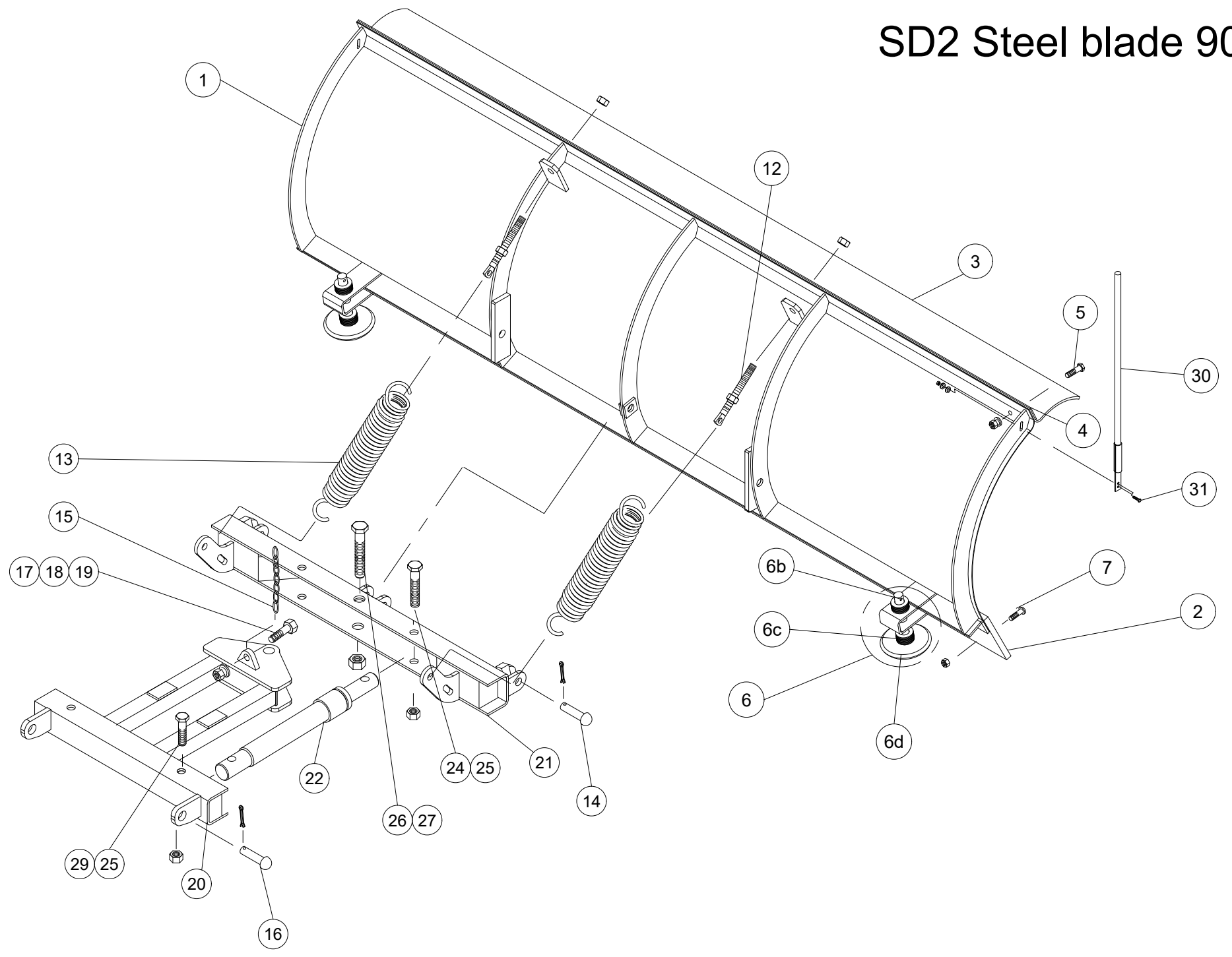
SD2 Poly & SD2 Steel Blade Assembly B.O.M			
Sr #	Part #	Description	Qty
1	53867-M	90" SD2 Poly blade c/w 3/8" x 6" Steel Cutting Edge	1
	53769-SE	90" SD2 Steel blade c/w 3/8" x 4" Steel Cutting Edge	1
	53752-B	3/8" x 6" Steel Cutting Edge for SD2 Poly Balde	1
2	53801-B	3/8" x 4" Steel Cutting Edge for SD2 Steel blade	1
3	52995-CR	90" Curved Deflector for SD2 Poly Blade	1
	52245-CR	90" Curved Deflector for SD2 Steel Blade	1
4	52996-M	90" Strap for SD2 Poly Blade	1
	52239-M	90" Strap for SD2 Steel Blade	1
5	52288-M	Deflector bolt bag kit (c/w 5/16" bolts, lock-washer & nuts)	1
6	53802-2	Shoe Assembly for SD2 Poly Blade	1
	50037-B	Shoe Assembly for SD2 Steel Blade	2
6a	53803-B	Shoe, SD2 Poly Blade	2
6b	50040-A	Quick Release Pin	2
6c	55017-N	1" Flat Adjustment Washer (40 per Shoe)	80
6d	50666-B	Shoe, SD2 Steel Blade	2
7	52593-8-M	1/2" x 1 3/4" Carriage bolt assembly (consists of 7a & 8)	1
7a	HH-00971-138G8	1/2" x 1 3/4" carriage bolt	8
8	HH-00340-003	1/2" nylon inserts	8
9	HH-00971-044	5/16" -18 x 1 1/4" carriage bolt	16
10	HH-00294-002	5/16" -18 hex nut	16
11	HH-00457-007	5/16" lock washer	16
12	50191-M	Eye bolt assembly	2
13	50180-C	Trip Spring	2
14	50232-M	3/4" x 3" Rivet assembly	3
15	55018-02-M	30" lift chain	1
16	53325-M	A-frame rivet pin assembly (consist of 16a, 16b)	2
16a	53325-A	A Frame Spreader pin	2
16b	HH-00020-164	1/4" x 1 1/2" Cotter Pin	2
17	HH-00972-090	1/2" - 20 x 1 1/2" cap screw	1
18	HH-00460-002	1/2" - 20 hex nut	1
19	HH-00457-001	1/2" lock washer	1
20	53863-D	T-frame Galvanized for SD2 Plow	1
21	53862-D	Quadrant Galvanized for SD2 Plow	1
22	CS150-10.00-NRS	1 1/2" x 10" Angling cylinders	2
23	HH-00233-001	1/4 - 28 NF Grease fitting on T-frame	1
24	HH-00972-156	3/4" -16 x 4 1/2" hex head cap screw	2
25	HH-00973-007	3/4" nylon insert	4
26	HH-00972-192	1" - 14 x 5 1/2" hex head cap screw	1
27	HH-00540-009	1" nylon insert	1
28	52712-N-GA	Spacer for LD cylinder	2
29	HH-00972-153	3/4 - 16 x 3 1/2" hex head cap screw	2
30	50999-B	Blade guides	2
31	GB001	1/4" x 1" Blade guide bolt assembly	2
32	53849-D	Poly Skin for 90" SD2 Poly Blade	1

QLIV Hi boy lift frame

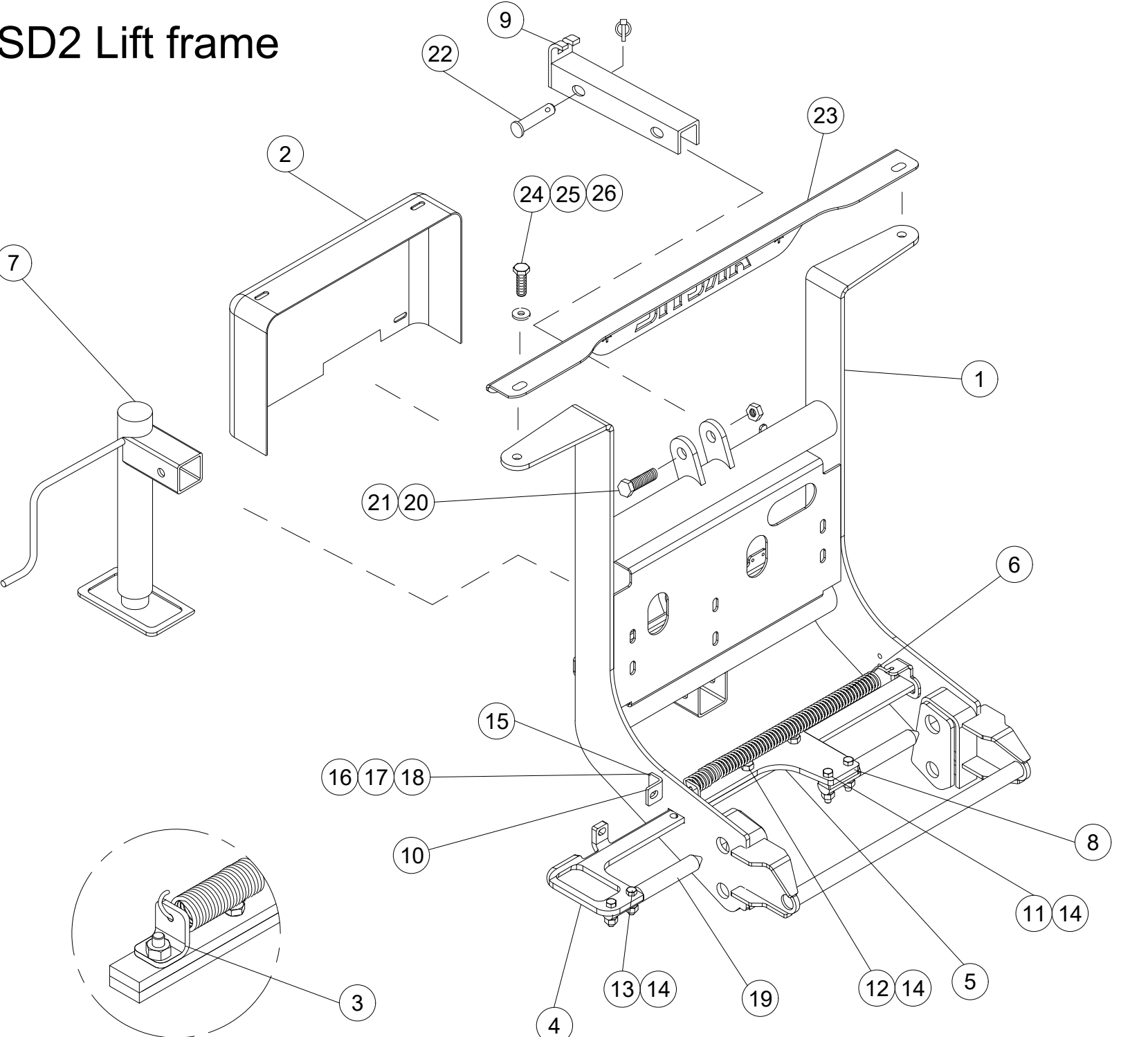
QLIV Hi boy lift frame Assembly B.O.M			
Sr #	Part #	Description	Qty
1	53517-D	QLIV Hi boy lift frame	1
2	53179-M	Spring Bracket	1
3	53177-M	Lock Handle	1
4	53178-M	Top Plate	1
5	53182-N	QLIV Lock Spring	1
6	52208-B-GA	Galvanized Light Brace (for low mount lift frame)	2
7	52209-B-GA	Galvanized light Antler (for low mount lift frame)	1
8	50999-B	Blade guides (not shown)	2
9	52373-M	Jack Assembly	1
10	53180-B	Spacer	1
11	50069-C-GA	Lift channel (for 1 1/2" lift cylinder) (not shown)	1
	52612-B-GA	Lift channel (for 2" lift cylinder)	1
12	53174-B	Lock Bracket	1
13	HH-00293-050	3/8" - 16 x 1 1/4" Hex head cap screw	2
14	HH-00293-051	3/8" - 16 x 1 1/2" Hex head cap screw	3
15	HH-00293-053	3/8" - 16 x 2" Hex head cap screw	7
16	HH-00340-001	3/8" -16 Nylon Inserts	2
17	53183-N	Hitch Pin	1
18	HH-00294-001	1/4" - 20 Hex nut	2
19	HH-00457-006	1/4" lock-washer	2
20	HH-00293-006	1/4 - 20 x 1" Hex head cap screw	2
21	53181-B	Lift frame pin	2
22	53551-C	Spreader bar (23 1/8" narrow - not shown)	1
23	53507-C	Spreader bar (32 1/8" wide - not shown)	1
24	53429-C	Power unit cover for Hi boy lift frame	1
25	HH-00972-155	3/4" x 4" UNF Cap screw	2
26	HH-00973-007	3/4" locknut	3
27	HH-00972-153	3/4" x 3 1/2" UNF Cap screw	1

Extra Heavy duty poly blade Assembly BOM			
Sr #	Part #	Description	Qty
1	53010-C	Orange Poly skin	1
2	53030-B	Cutting Edge	1
3	50037-B	Shoe Assembly	2
4	53028-B	Poly Deflector	1
5	53029-B-GA	Strap	1
6	52290-M	Deflector bolt bag kit	1
7	HH-00971-136	1/2" -13 x 1 1/2" Carriage bolt	22
8	HH-00457-001	1/2" Lock washer	22
9	HH-00294-005	1/2" - 13 hex nut	22
10	HH-00340-005	5/8" -11 Nylon inserts	12
11	HH-00971-196	5/8" -11 x2 Carriage bolts	12
12	50191-M	Eye bolt assembly	6
13	50180-C	Trip Spring	6
14	50232-M	3/4" x 3" Rivet Assembly	4
15	55018-M	40" Long lift chain	2
16	53325-A	Spreader pin	2
17	HH-00020-164	Cotter pin	2
18	HH-00972-090	1/2" x 1 1/2" HHCS	2
19	HH-00460-002	1/2" -20 hex nut	2
20	HH-00457-001	1/2" lock-washer	2
21	52945-D-GA	A frame, Galvanized	1
22	52955-D-GA	Quadrant, Glvanized	1
23	53026-NRS	2" x 11 1/2" Angling cylinder	2
24	HH-00972-192	1" - 12 x 5 1/2" HHCS	1
25	HH-00540-009	1" -12 Nylon inserts	1
26	HH-00972-158	3/4" x 5 1/2" UNF HHCS	2
27	HH-00972-152	3/4" -16 x 3 1/4" HHCS	2
28	HH-00973-007	3/4" nylon insert	4
29	HH-009233-001	1/4" - 28 Grease fittings (not shown)	1
30	53395-A	Stiffner	1
31	HH-01081-090	1/2" x 1 1/2" UNC HHCS Grade 8	2
32	HH-01050-018	1/2" UNC Nylon Insert Grade 8	2
33	50999-B	Blade guides	2

SD2 Steel blade 90"



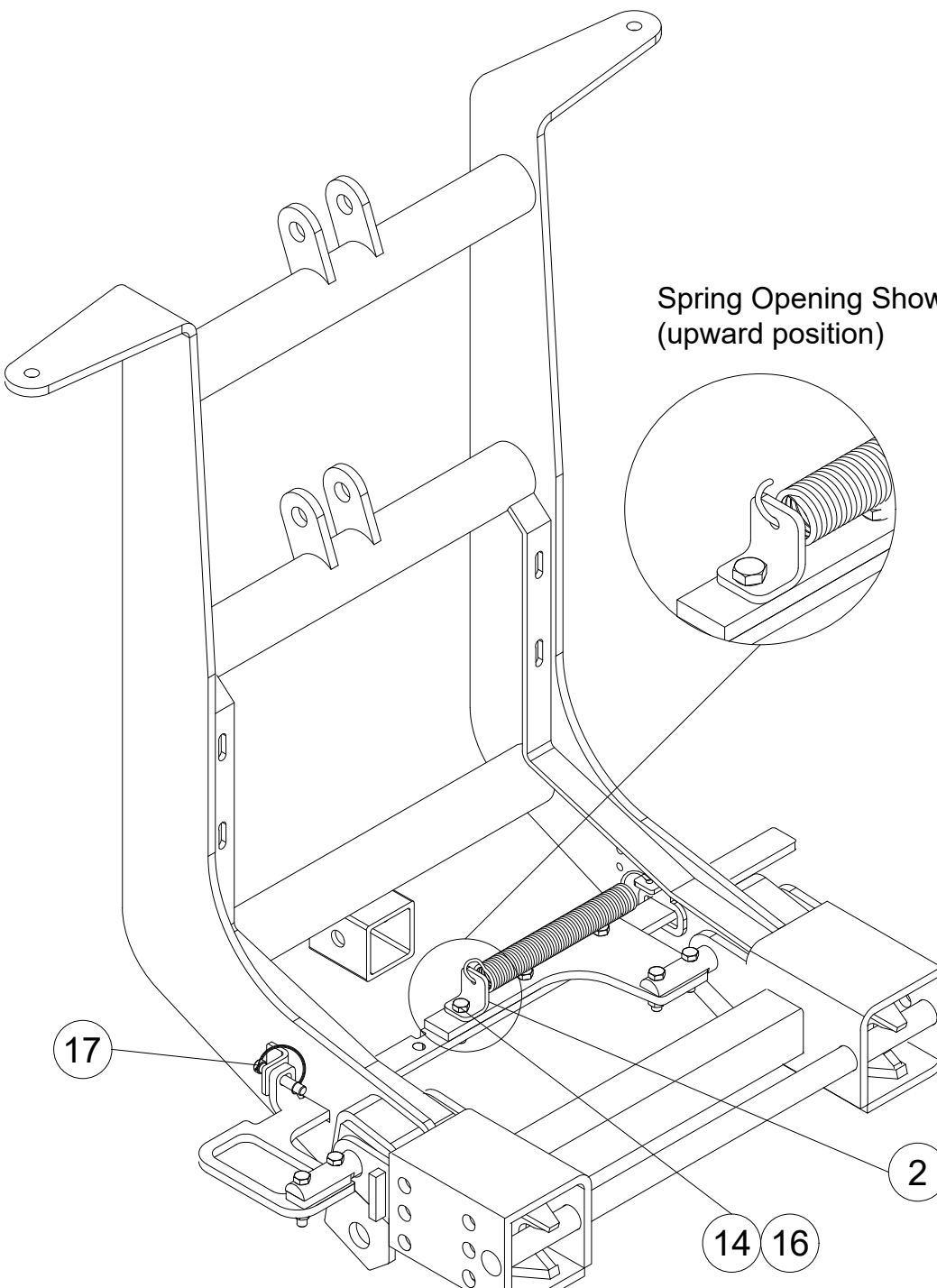
SD2 Lift frame



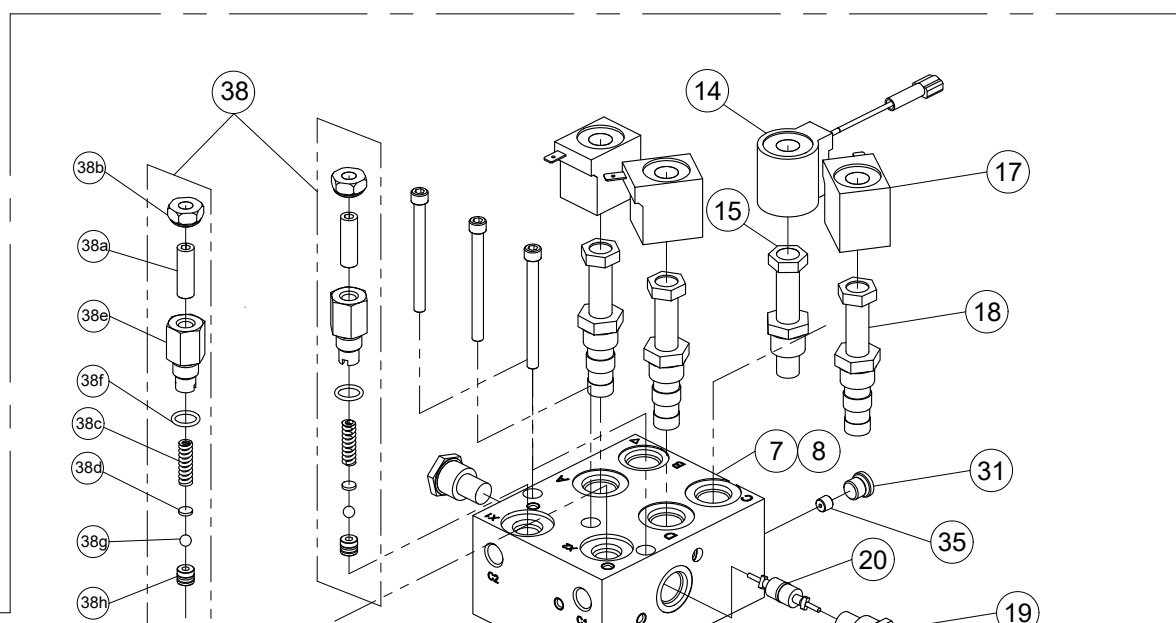
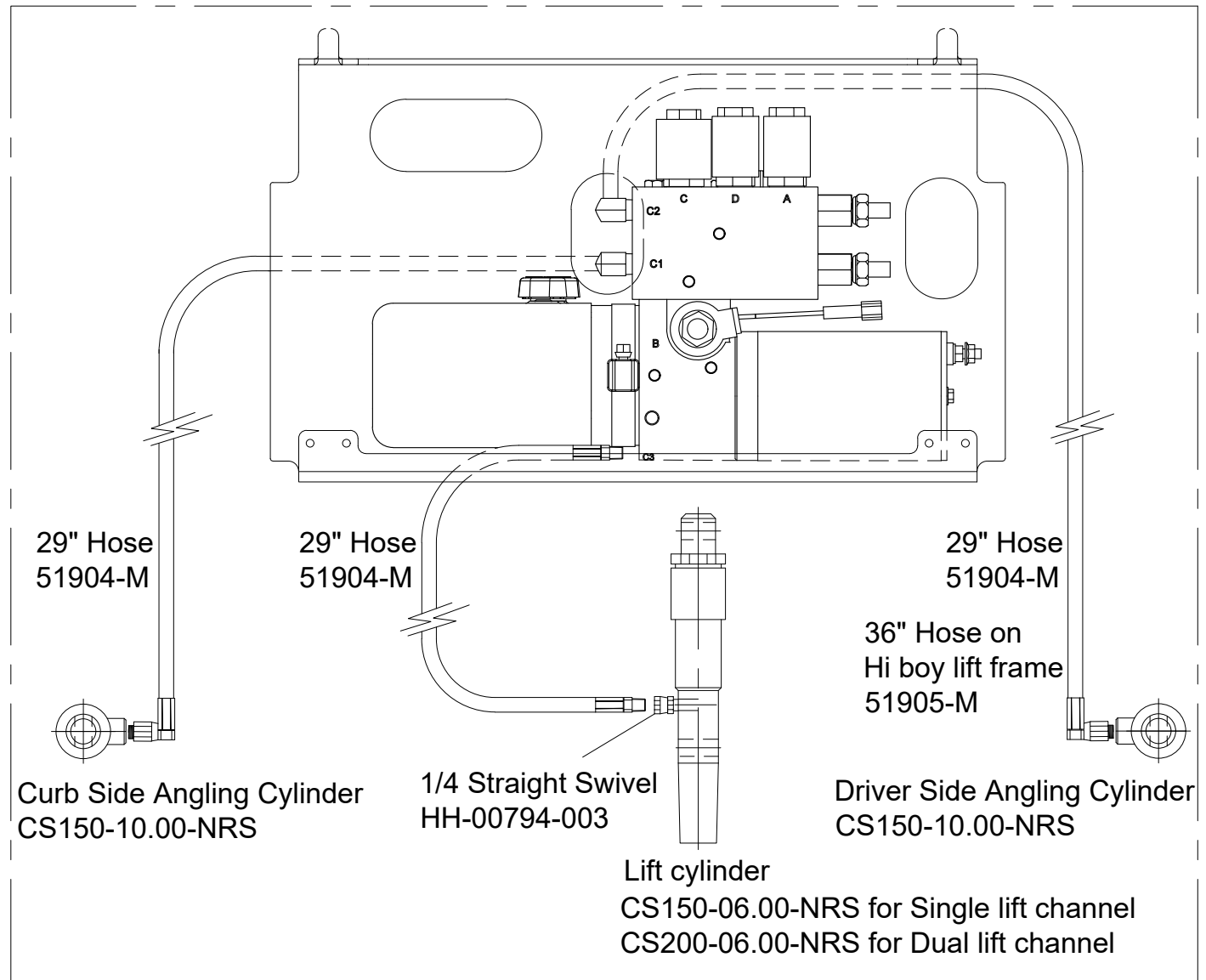
Spring Opening Shown (upward position)

QL-SD2 Lift frame Assembly B.O.M			
Sr #	Part #	Description	Qty
1	53853-HANDLE	QLIV SD2 Lift frame c/w handle	1
2	53865-C	Power Unit Cover	1
3	53179-M	Lift frame Spring Bracket	1
4	53864-M	Lock handle	1
5	53178-M	Top Plate	1
6	53182-N	Lock Spring	1
7	52373-M	Jack Ass'y	1
8	53180-M	Lock Spacer	1
9	50069-C-GA	Lift Channel Galvanized	1
10	53174-M	Lock Bracket	1
11	HH-00293-050	3/8" - 16 x 1 1/4" Hex Head Cap Screw	2
12	HH-00293-051	3/8" - 16 x 1 1/2" Hex Head Cap Screw	3
13	HH-00293-053	3/8" - 16 x 2" Hex Head Cap Screw	2
14	HH-00340-001	3/8" - 16 Nylon Inserts	7
15	53183-N	Hitch Pin	1
16	HH-00294-001	1/4 - 20 Hex Nut	2
17	HH-00457-006	1/4 Lock Washer	2
18	HH-00293-006	1/4 - 20 x 1" Hex Head Cap Screw	2
19	53181-B	Lift frame pin	2
20	HH-00972-153	3/4" x 3 1/2" UNF Hex Head Cap Screw	1
21	HH-00973-007	3/4" UNF Thin Collar lock nut	1
22	52757-M	Rivet Pin Ass'y	1
23	53858-04-M	Arctic Logo Plate c/w Backing plate	1
24	HH-00293-088	1/2" -20 x 1" Hex Head Cap Screw	2
25	HH-00341-006	1/2" Flat Washer	2
26	HH-00340-003	1/2" Nylon Insert Lock nut	2

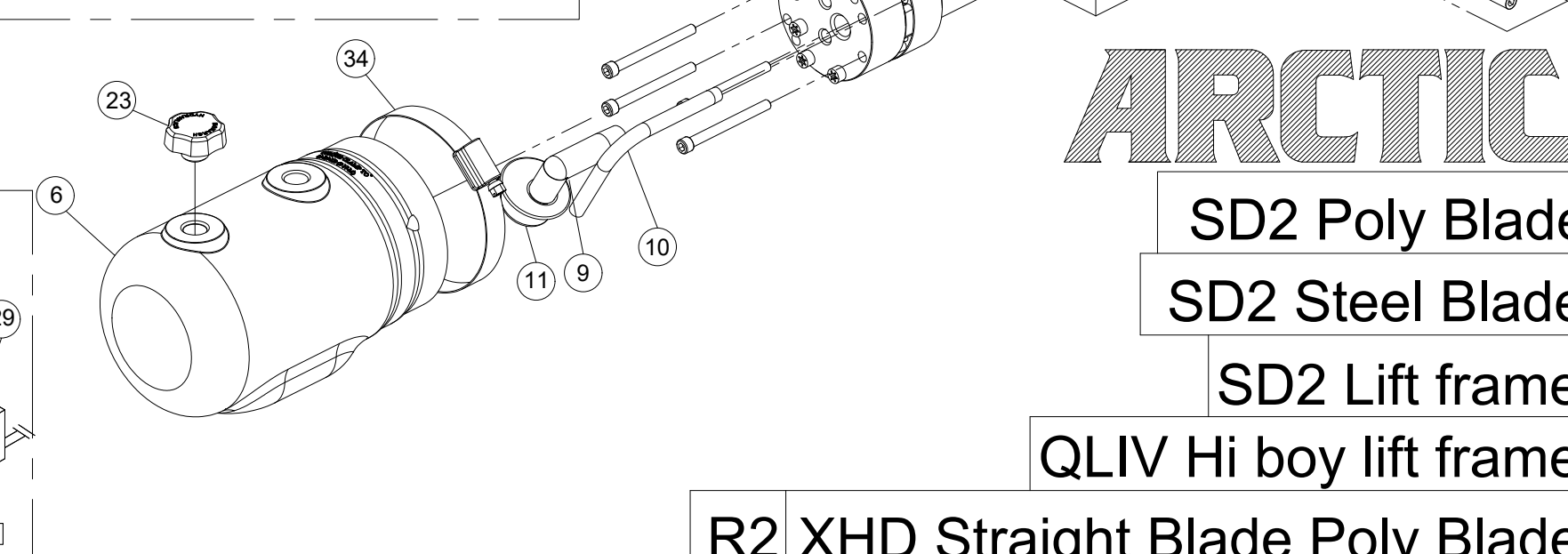
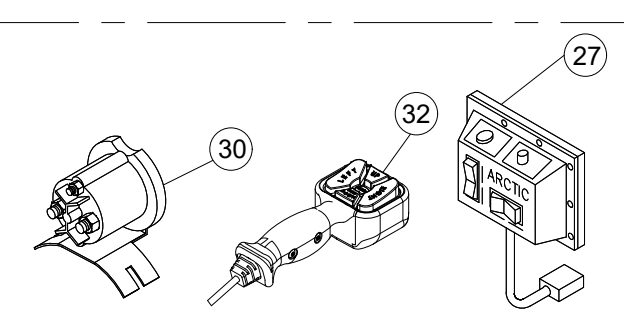
Hydraulic Installation for blades Using M3493 Power unit



Spring Opening Shown (upward position)



M3493 power unit for Straight blades



ARCTIC

R2 XHD Straight Blade Poly Blade