

Parts Manual



SAWING PRODUCTS

ZV-3620

Serial No: 565-03101 to

Band Sawing Machine

MACHINE SPECIFICATIONS

MODEL SERIAL NO.

VOLTAGE CYCLE PHASE

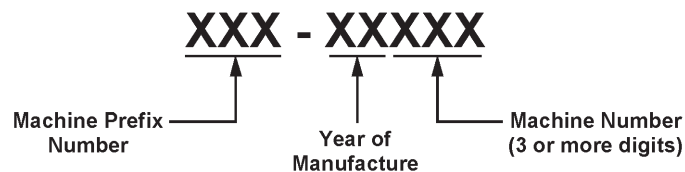
For your information and future reference, insert pertinent data concerning your machine in the spaces provided above. This information is stamped on the data plate attached to the machine frame.

Always specify model and serial numbers on all parts orders and correspondence concerning your machine. This will help avoid unnecessary delays and inconvenience during processing.

The specifications contained herein were in effect at the time this manual was approved for printing. The DoALL Company, whose policy is one of continuous product improvement, reserves the right to change specifications or design at any time without notice and without incurring obligations.

How to read your serial number:

Example: 500-001234



For Sales, Parts and Service, call 1-888-362-5572.



DoALL SAWING PRODUCTS
2375B TOUHY AVENUE
ELK GROVE, ILLINOIS 60007 U.S.A.

YOUR SERVICE REPRESENTATIVE:

PARTS MANUAL INDEX

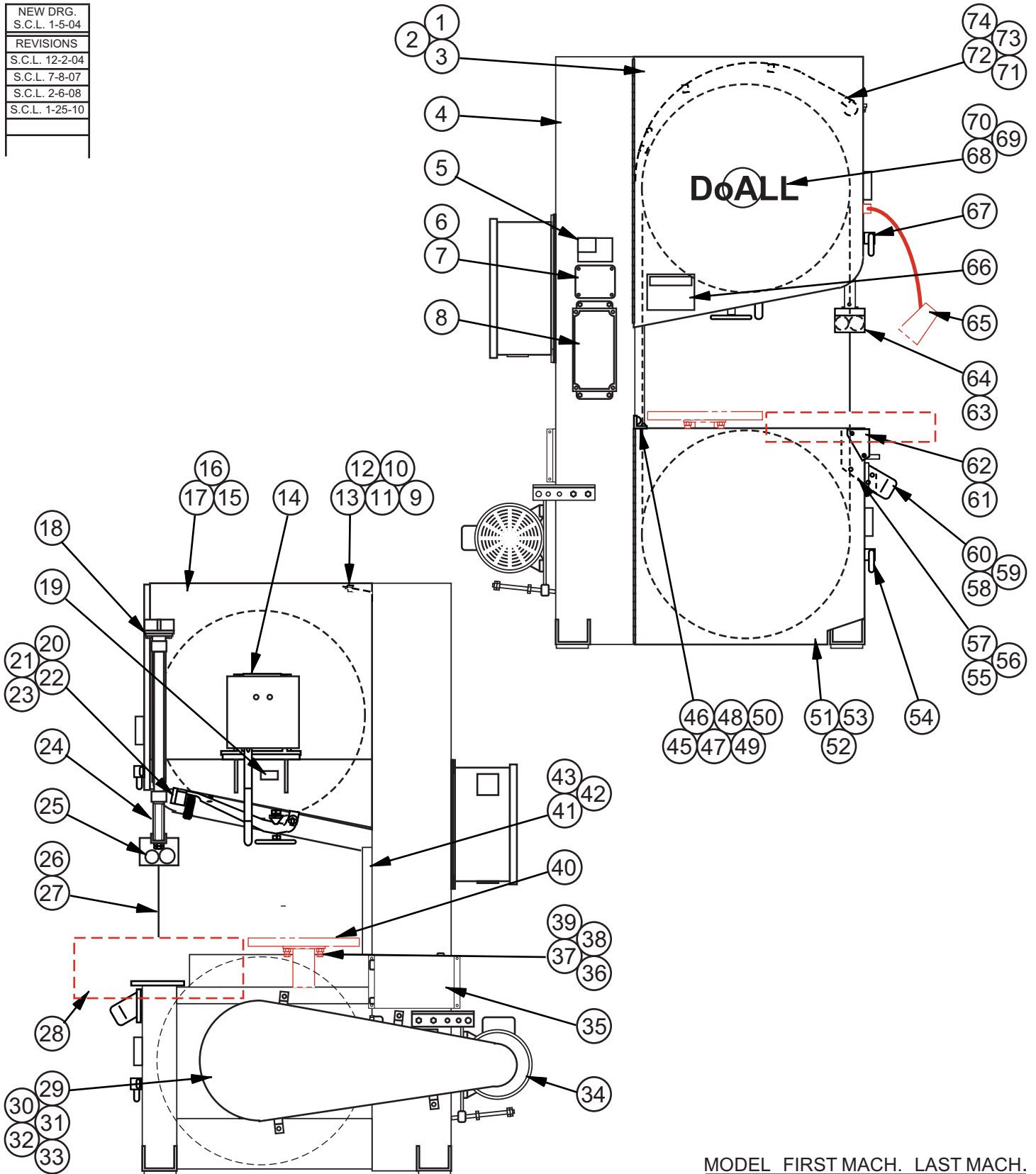
2/10

FICHE NO. F-14 MODEL ZV-3620 SERIAL NO. 565-03101 to _____

PAGE NO.	DESCRIPTION	FIRST SERIAL	LAST SERIAL	PAGES
Z-1-25	Final Assembly	All		2 - 3
Z-2-33	Band Tension Screw and Handwheel Sub-Assembly	All		22 - 23
Z-2-32	Bandwheel Assembly	565-03101	to 565-07113	4 - 5
Z-2-40	Bandwheel Assembly	565-08114	to	6 - 7
Z-8-19	Brake Assembly (Hydraulic)	All		8 - 9
Z-8-19	Brake Disc and Hub Sub-Assembly	All		8 - 9
Z-7-50	*Chip Blower Assembly	All		10 - 11
Z-10-28	*Disc Cutter Assembly	All		12 - 13
Z-7-58	Door Latch Assembly	All		42 - 43
Z-5-35	Drive Assembly	All		14 - 15
Z-8-17	Electrical Assembly	All		16 - 17
Z-8-18	Electrical Control Box Assembly	All		18 - 19
Z-2-37	*Extra Work Height Assembly	All		20 - 21
Z-3-36	*Glide Table Assembly	All		22 - 22
Z-2-33	Head Assembly	All		24 - 25
Z-2-36	*Head Assembly (Hydraulic Band Tension)	All		26 - 27
Z-8-15	Hydraulic Assembly	All		28 - 29
Z-8-42	*Hydraulic Assembly (Hydraulic Band Tension)	All		30 - 31
Z-8-44	*Hydraulic Assembly (With Hydraulic HMD Table)	All		32 - 33
Z-8-16	*Hydraulic Assembly (With Hydraulic Table)	All		34 - 35
Z-2-31	Hydraulic Post Cylinder Assembly	All		36 - 37
Z-8-43	*Hydraulic Power Unit Assembly	All		38 - 39
Z-10-21	*Hydraulic Table Assembly (HMD-36)	All		40 - 41
Z-10-33	*Laser Line Generator Assembly	All		42 - 43
Z-7-58	Miscellaneous Assemblies	All		44 - 45
Z-10-32	*Mist Lubricator Assembly	All		46 - 47
Z-2-34	Post Assembly	All		48 - 49
Z-8-30	Pushbutton Station Detail	All		50 - 51
Z-10-29	*Rip Fence Assembly	All		52 - 53
Z-7-58	Saw Band Guard Assembly	All		44 - 45
Z-6-30	Saw Guide Assembly (Hight Speed Roller)	All		54 - 55
Z-6-31	*Saw Guide Assembly (Insert Type)	All		56 - 57
Z-1-25	Spark Guard	All		2 - 3
Z-4-18	Spindle Assembly (Lower)	All		58 - 59
Z-2-35	Spindle Assembly (Upper)	All		60 - 61
Z-3-34	Table and Trunnion Assembly	All		62 - 63
Z-3-35	*Table Assembly (Hydraulic)	All		64 - 65
Z-8-41	*Table Tilt Cylinder Assembly (For Hydraulic Table)	All		66 - 67
Z-8-40	*Table Control Valve Assembly (Hydraulic Table)	All		68 - 69
Z-2-32	Tire Installation Kit	565-03101	to 565-07113	4 - 5
Z-7-58	*Welder Mounting Detail	All		44 - 45
Z-10-30	*Work Holding Jaw Assembly	All		70 - 71
Z-7-58	*Worklamp Assembly	All		44 - 45

*Denotes Attachment or Optional Equipment.

NEW DRG.	S.C.L. 1-5-04
REVISIONS	
S.C.L. 12-2-04	
S.C.L. 7-8-07	
S.C.L. 2-6-08	
S.C.L. 1-25-10	



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

FINAL ASSEMBLY

Z - 1 - 25

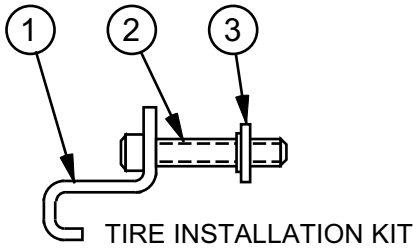
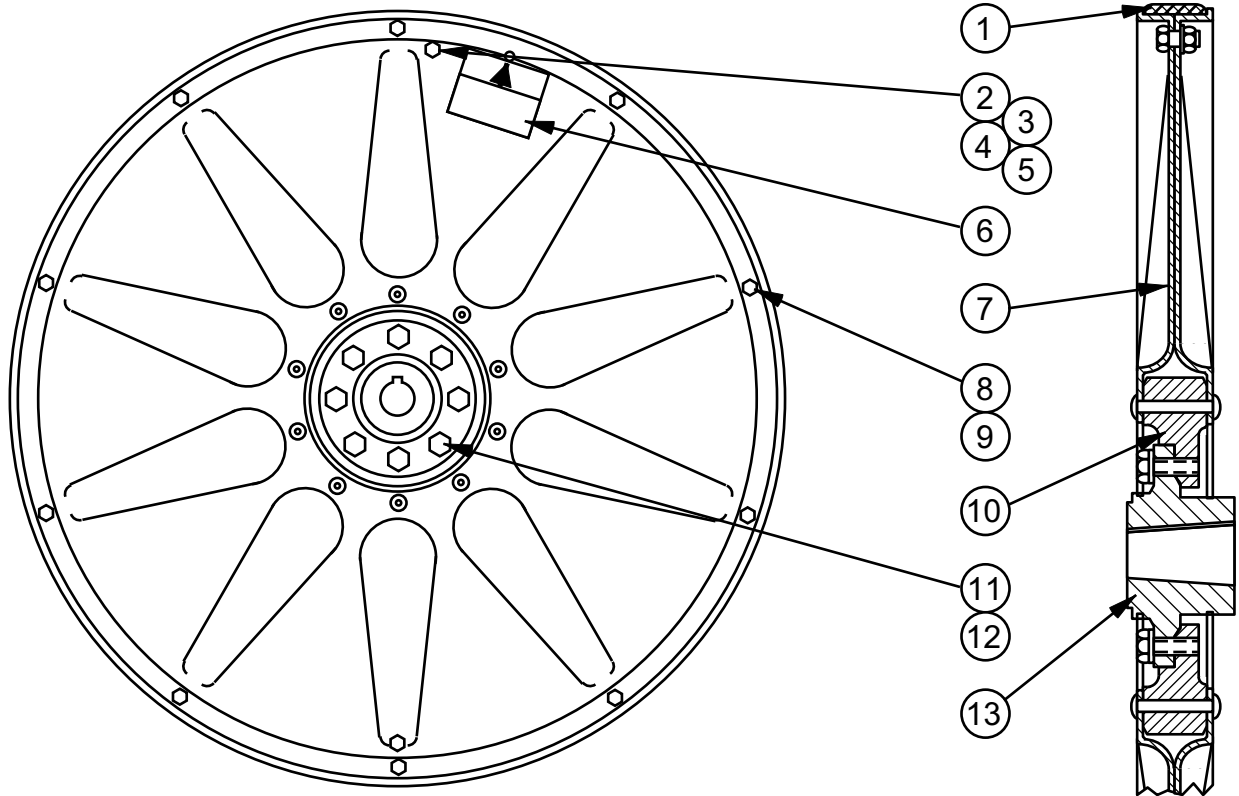
FINAL ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	490003	Final Assembly		41*	306362	. Saw Band Guard Weldment (Column)	1
1	521526	. Upper Door Assembly	1	42	198005	. Screw, Hex. Hd. Cap 1/4-20NC x 3/8	2
2	198005	. Screw, Hex. Hd. Cap 1/4-20NC x 3/8	8	43	199321	. Washer, Lock 1/4 Std.	2
3	199321	. Washer, Lock 1/4 Std.	8	45	221149	. Door Stop Bracket	1
4*	521522	. Frame Weldment	1	46	012235	. Rubber Grommet	1
5	201469	. Decal (American Flag)	1	47	199266	. Washer, Flat 1/2 S.A.E. Std.	1
6	323891	. Escutcheon (Machine Specifications)	1	48	198869	. Screw, Rd. Hd. Mach. #10-24NC x 1/2	2
7	199397	. Screw, Rd. Hd. Drive #2 x 1/4	4	49	199319	. Washer, Lock #10 Std.	2
8		. Electrical Assembly (See Detail)	1	50	199111	. Nut, Hex. #10-24NC	2
9	020263	. Gusset	1	51	521519	. Lower Door Assembly (Standard)	1
10	198027	. Screw, Hex. Hd. Cap 5/16-18NC x 3/4	2		1004473	. Lower Door Weldment (Glide Table Option)	1
11	199323	. Washer, Lock 5/16 Std.	2				
12	199301	. Washer, Flat 5/16 Wrought	1	52	198005	. Screw, Hex. Hd. Cap 1/4-20NC x 3/8	6
13	199122	. Nut, Hex. 5/16-18NC	1	53	199321	. Washer, Lock 1/4 Std.	6
14	050242	. Head Assembly (See Detail)	1	54	404461	. Door Latch Assembly (See Detail)	1
	224030	. Head Assembly (Hydraulic Band Tension) (See Detail)	1	55	420949	. Dust Collector	1
				56	198005	. Screw, Hex. Hd. Cap 1/4-20NC x 3/8	3
15	521525	. Baffle Plate	1	57	199321	. Washer, Lock 1/4 Std.	3
16	198005	. Screw, Hex. Hd. Cap 1/4-20NC x 3/8	10	58	35-009726	. Dust Discharge Spout	1
17	199321	. Washer, Lock 1/4 Std.	10	59	198895	. Screw, Rd. Hd. Mach. 1/4-20NC x 1/2	4
18*	220870	. Hydraulic Post Assembly (See Detail)	1	60	199321	. Washer, Lock 1/4 Std.	4
19	001321	. Escutcheon (Track Saw Band)	1	61	325809	. Dust Guard	1
20	002163	. Bracket	1	62	199155	. Nut, Wing 1/4-20NC	2
21	198851	. Screw, Rd. Hd. Mach. #8-32NC x 1/4	4	63	408085	. Spark Guard Weldment	1
22	199318	. Washer, Lock #8 Std.	4	64	133372	. Thumb Screw	1
23	002161	. Escutcheon (Band Tension)	1	65		. Worklamp Assembly (Optional) (See Detail)	1
24*	221885	. Post Assembly (See Detail)	1				
25	040143	. Saw Guide Assembly (High Speed Roller) (Optional) (See Detail)	1	66	404461	. Door Latch Assembly (See Detail)	1
	044927	. Saw Guide Assembly (Insert Type) (Optional) (See Detail)	1	67	407047	. Label (Warning)	1
26*	136821	. Saw Band (1" - 10P Friction)	1	68	055734	. DoALL Name Plate	1
27	304525	. Saw Band Tag	1	69	198698	. Screw, Fill. Hd. Mach. #10-24NC x 1/2	2
28	35-009240	. Table and Trunnion Assembly (Standard) (See Detail)	1	70	199111	. Nut, Hex. #10-24NC	2
		. HMD Hydraulic Table Assembly (Optional) (See Detail)	1	71	050229	. Saw Band Deflector Weldment	1
	1002834	. Glide table Assembly (Optional) (See Detail)	1	72	198026	. Screw, Hex. Hd. Cap 5/16-18NC x 5/8	4
29	419956	. Guard Mounting Weldment	1	73	199323	. Washer, Lock 5/16 Std.	4
30	198006	. Screw, Hex. Hd. Cap 1/4-20NC x 1/2	6	74	199122	. Nut, Hex. 5/16-18NC	4
31	199260	. Washer, Flat 1/4 S.A.E. Std.	6				
32	419949	. Guard Weldment	1				
33	198349	. Screw, Button Hd. Soc. 1/4-20NC x 1/2	8				
34	220816	. Drive Assembly (See Detail)	1				
35	221172	. Hydraulic Assembly (See Detail)	1				
	1002929	. Hydraulic Assembly (With Hydraulic Band Tension Option) (See Detail)	1				
36	002823	. Adjusting Screw (1" Hex. x 2-5/16)	4				
37	199145	. Nut, Hex. Jam 7/8-14NF	4				
38	198071	. Screw, Hex. Hd. Cap 1/2-13NC x 2-1/2	4				
39	199327	. Washer, Lock 1/2 Std.	4				
40	35-009862	. Secondary Table (Optional)	1				

Following Not Shown:
 042868 . Unisorb Pad (4" x 6" x 1/2") 4
 221556 . Documentation CD 1
 199571 . Hex. Key 1
 014381 . Pin (Upper Spindle Area) 1

*See Also Extra Work Height Assembly If Applicable.

NEW DRG. S.C.L. 1-5-04
REVISIONS
S.C.L. 11-22-04
S.C.L. 7-8-07
S.C.L. 2-4-08
S.C.L. 10-3-08



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101 565-07113

BANDWHEEL ASSEMBLY

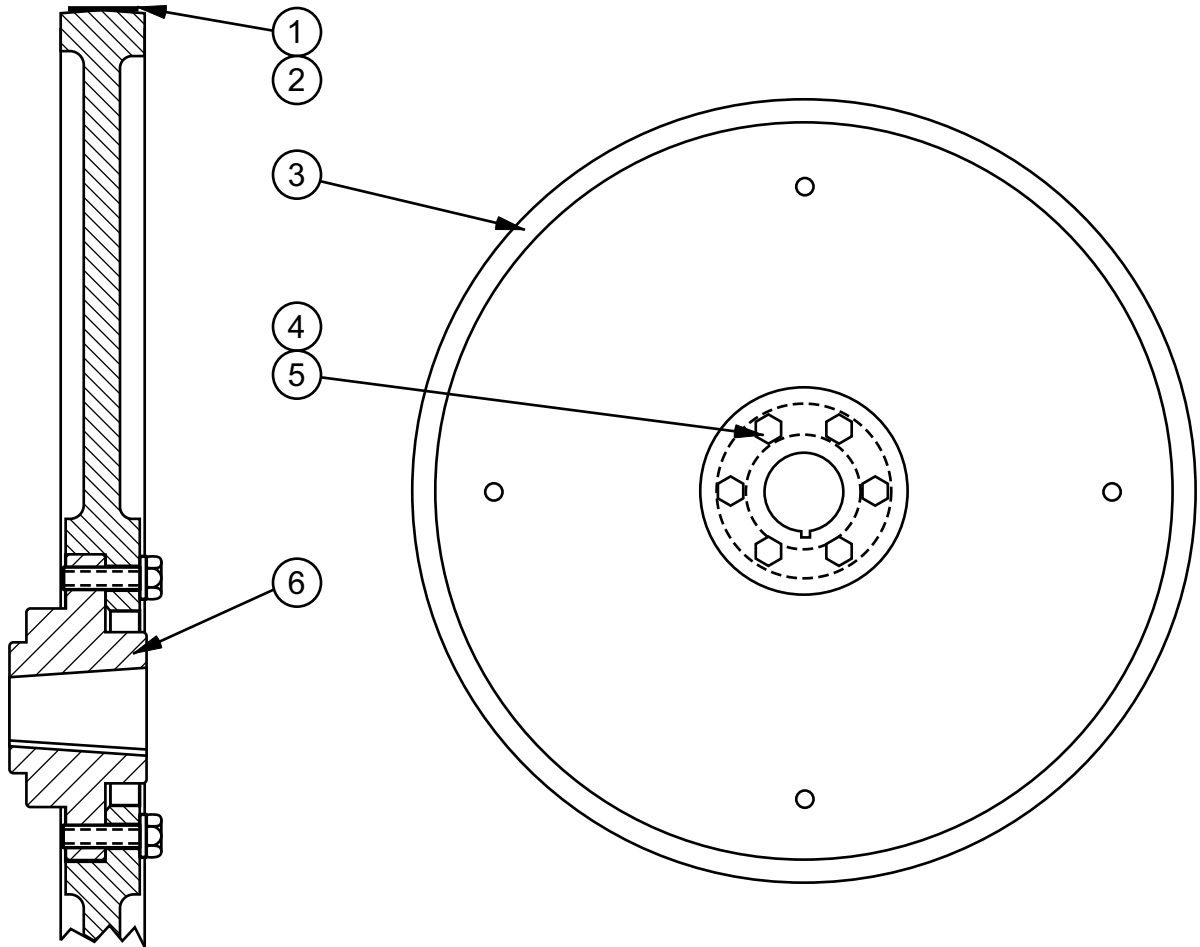
BANDWHEEL ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	040973	Bandwheel Assembly	
1	416924	. Tire and Rim Assembly	1
2	198027	. Screw, Hex. Hd. Cap 5/16-18NC x 3/4	A.R.
3	199122	. Nut, Hex. 5/16-18NC	A.R.
4	199262	. Washer, Flat 5/16 S.A.E. Std. (If Supplied)	A.R.
5	199323	. Washer, Lock 5/16 Std.	A.R.
6	144368	. Escutcheon (Notice - Balancing)	1
7	See Note	. Wheel Rim	1
8	198038	. Screw, Hex. Hd. Cap 5/16-24NF x 1/2	10
9	202695	. Flanged Locknut 5/16-24NF	10
10	See Note	. Wheel and Hub Flange Assembly	1
11	198067	. Screw, Hex. Hd. Cap 1/2-13NC x 1-1/2	8
12	199327	. Washer, Lock 1/2 Std.	8
13	021636	. Wheel Hub	1

NOTE: These Items Are Not Available. Must Order 1002227 - Bandwheel Assembly.

Ref.	111869	Tire Installation Kit	
1	111867	. Clamp	5
2	198262	. Screw, Soc. Hd. Cap 5/16-18NC x 1-1/2	5
3	111868	. Weld Fastener	5
	199570	. Hex. Key 1/4" (Not Shown)	1
	135500	. Instruction Sheet (Not Shown)	1

NEW DRG. S.C.L. 7-8-09
REVISIONS



MODEL FIRST MACH. LAST MACH.
 ZV-3620 565-08114
 D-900 590-08101

BANDWHEEL ASSEMBLY

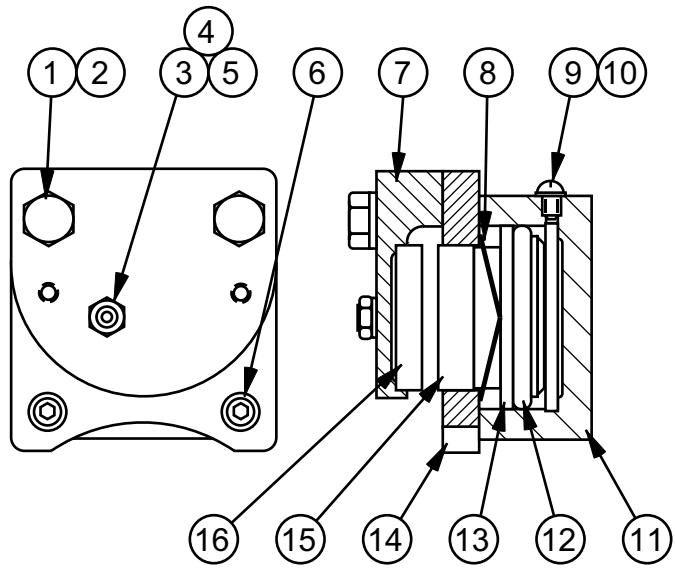
Z - 2 - 40

BANDWHEEL ASSEMBLY

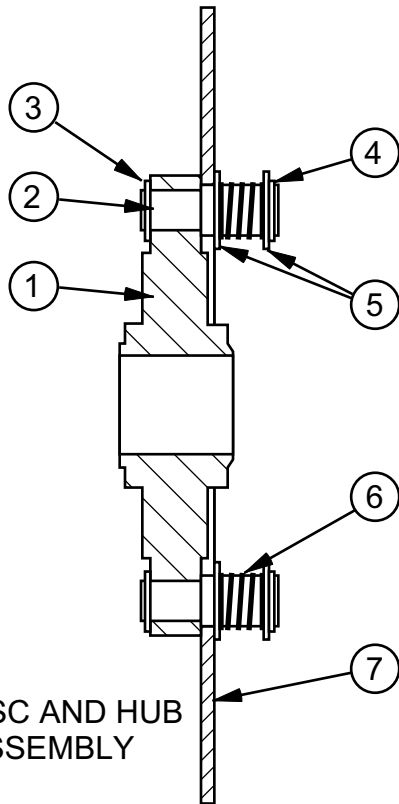
INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	1002227	Bandwheel Assembly (Cast Aluminum)	
1*	224137	. Bandwheel Tire	1
2	1002924	. Adhesive (Loctite #H4800)	A.R.
3	522270	. Bandwheel	1
4	198069	. Screw, Hex. Hd. Cap 1/2-13NC x 2	6
5	199327	. Washer, Lock 1/2 Std.	6
6	223785	. Bandwheel Hub	1

*NOTE: To Replace Bandwheel Tire, Order #1002927 - Tire Kit.

NEW DRG. S.C.L. 1-5-04
REVISIONS
S.C.L.11-22-04
S.C.L. 7-8-07
S.C.L. 10-3-08



BRAKE ASSEMBLY

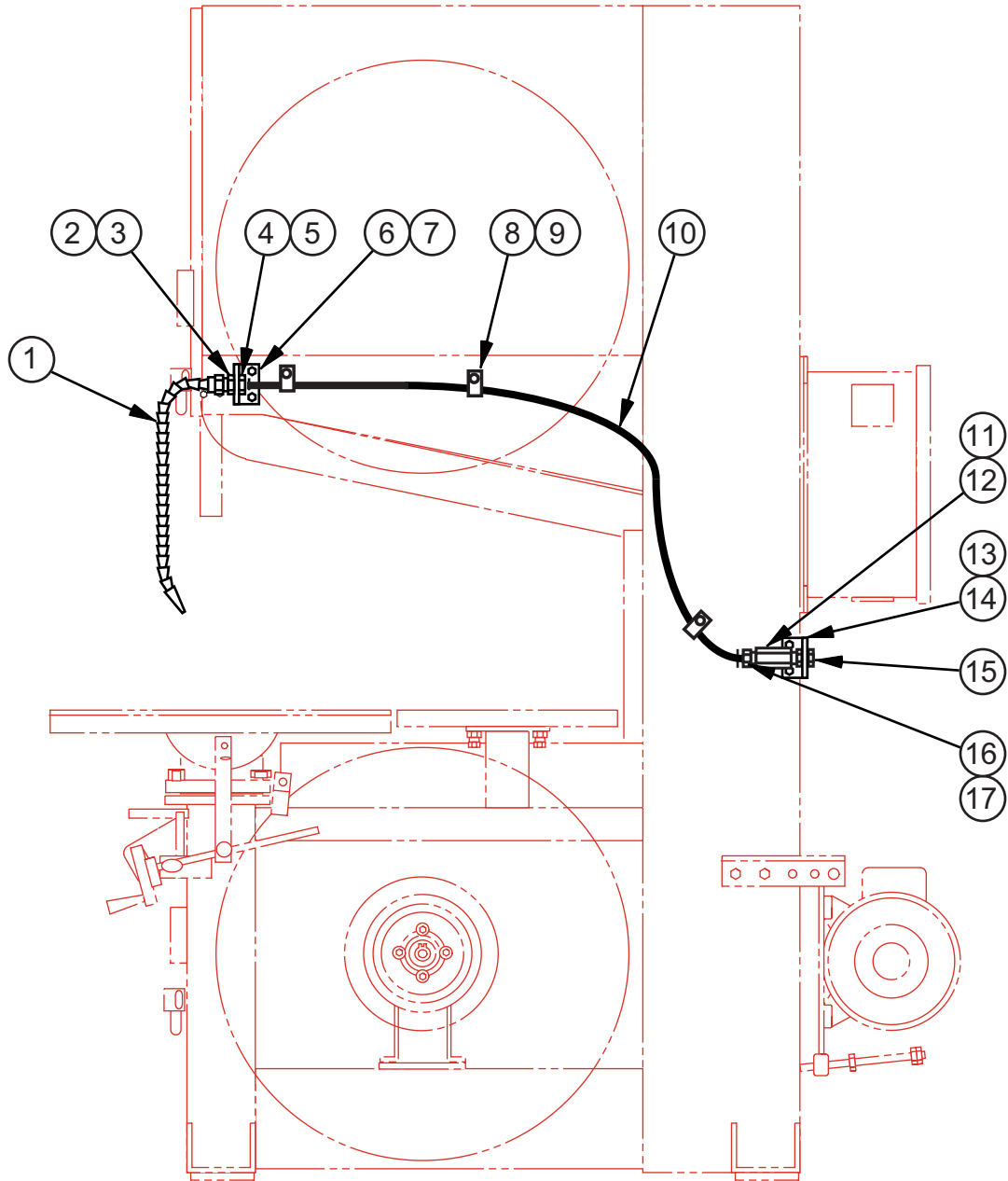


BRAKE DISC AND HUB
SUB-ASSEMBLY

MODEL	FIRST MACH.	LAST MACH.
ZV-3620	565-03101	
D-900	590-08101	

BRAKE SUB-ASSEMBLIES

NEW DRG. S.C.L. 11-29-04
REVISIONS
S.C.L. 7-8-07
S.C.L. 10-3-08
S.C.L. 1-28-10



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

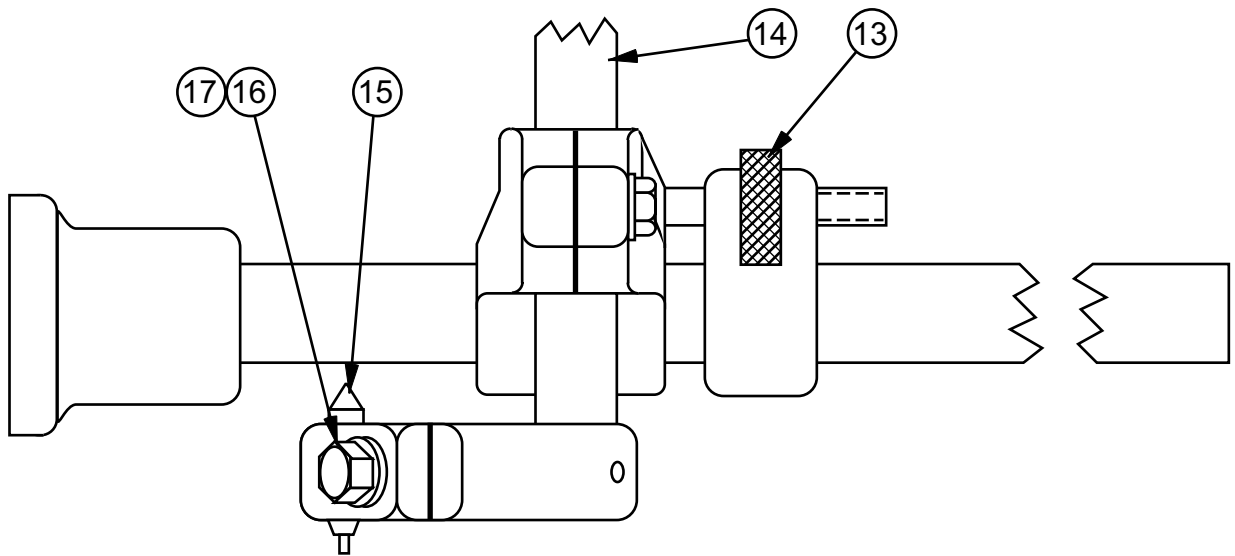
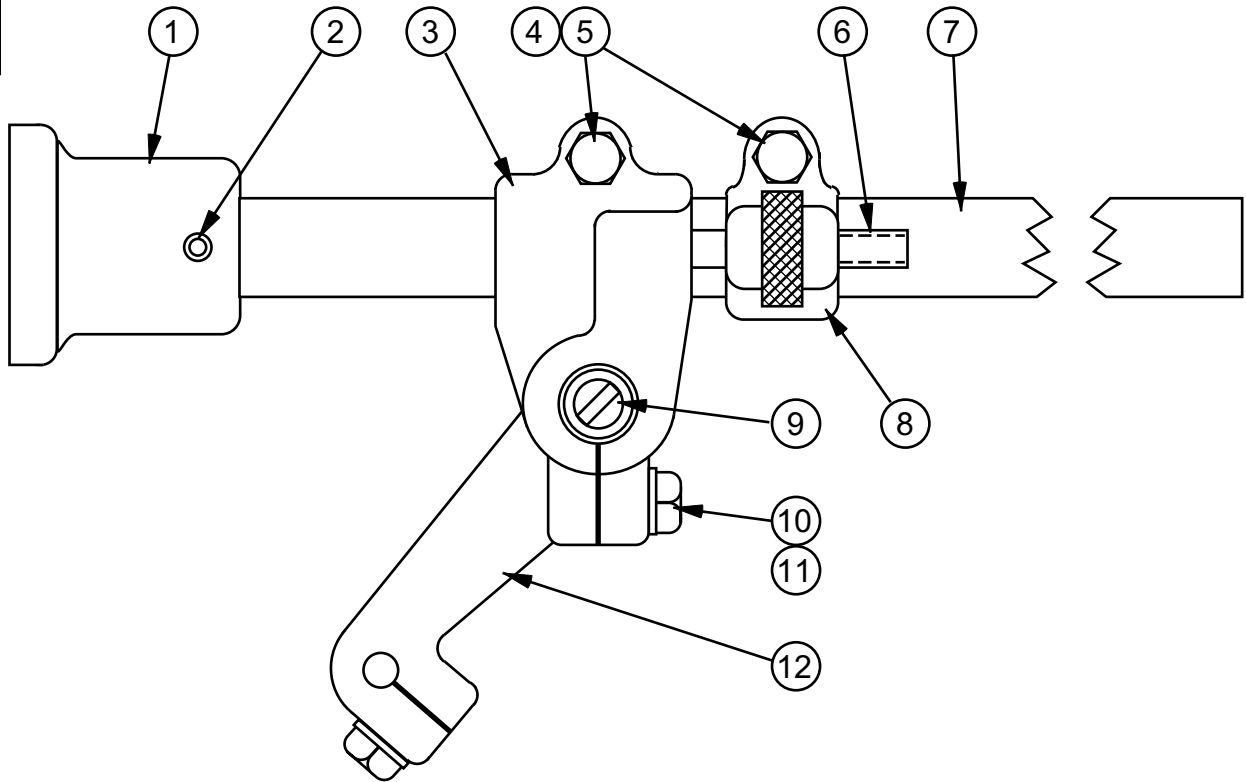
CHIP BLOWER ASSEMBLY

Z - 7 - 50

CHIP BLOWER ASSEMBLY

INDEX NO. Ref.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
1	221209	Chip Blower Assembly	
	172532	. Coolant and Air Hose	1
	172529	. . Connector	1
	197322	. . Segmented Hose (Specify Length)	A.R.
	172528	. . Nozzle	1
2	260426	. Reducer Bushing	1
3	199266	. Washer, Flat 1/2 S.A.E. Std.	1
4	121747	. Barbed Insert	1
5	104478	. Hose Clamp	1
6	006722	. Bracket	1
7	198025	. Screw, Hex. Hd. Cap 5/16-18NC x 1/2	2
8	009955	. Hose Clip	3
9	198321	. Screw, Button Hd. Soc. #10-24NC x 3/8	3
10	197094	. Hose, Black Neoprene 11/16 O.D.	A.R.
11	319526	. Orifice (Brass) (.038)	1
12	201746	. Close Nipple (Brass)	1
13	221522	. Mounting Bracket	1
14	198347	. Screw, Button Hd. Soc. #10-24NC x 1/2	2
15	203818	. Anchor Connection	1
16	002004	. Barbed Insert	1
17	104478	. Hose Clamp	1

NEW DRG. S.C.L. 1-5-04
REVISIONS
S.C.L.11-22-04
S.C.L. 10-3-08



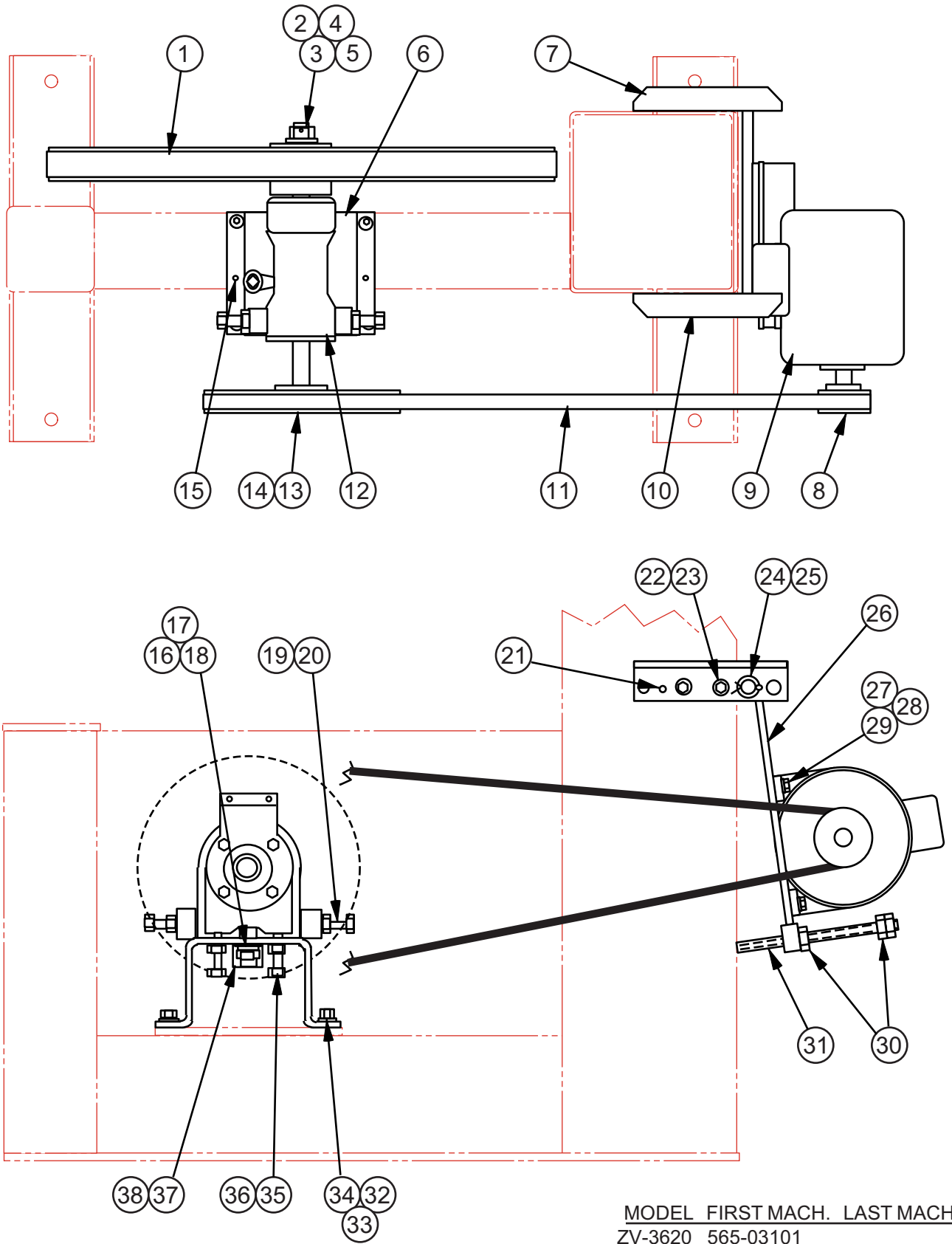
MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

DISC CUTTER ASSEMBLY

DISC CUTTER ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	040044	Disc Cutter Assembly	
1	020045	. Bracket	1
2	004275	. Spring Pin	1
3	35-003400	. Radius Arm Clamp	1
4	198046	. Screw, Hex. Hd. Cap 3/8-16NC x 1	2
5	199325	. Washer, Lock 3/8 Std.	2
6	219409	. Adjustment Rod (w/ #202383 Adhesive)	1
7	35-003399	. Radius Arm	1
8	5-015109	. Adjustment Housing	1
9	004261	. Spring Pin	1
10	198046	. Screw, Hex. Hd. Cap 3/8-16NC x 1	1
11	199325	. Washer, Lock 3/8 Std.	1
12	35-003402	. Center Pin Clamp	1
13	5-015412	. Adjustment Wheel	1
14	35-003401	. Center Adjusting Tube	1
15	5-015415	. Center Pin	1
16	198029	. Screw, Hex. Hd. Cap 5/16-18NC x 1	1
17	199323	. Washer, Lock 5/16 Std.	1
Following Not Shown and Used For Mounting to the Post:			
	198031	. Screw, Hex. Hd. Cap 5/16-18NC x 1-1/2	2
	199262	. Washer, Flat 5/16 S.A.E. Std.	2
	199323	. Washer, Lock 5/16 Std.	2
	131797	. Cloth Bag	1
	34-020308	. Wrench.....	1

NEW DRG.
S.C.L. 1-5-04
REVISIONS
S.C.L. 11-22-04
S.C.L. 7-8-07
S.C.L. 2-5-08
S.C.L. 10-3-08
S.C.L. 1-28-10



MODEL FIRST MACH. LAST MACH.
 ZV-3620 565-03101
 D-900 590-08101

DRIVE ASSEMBLY

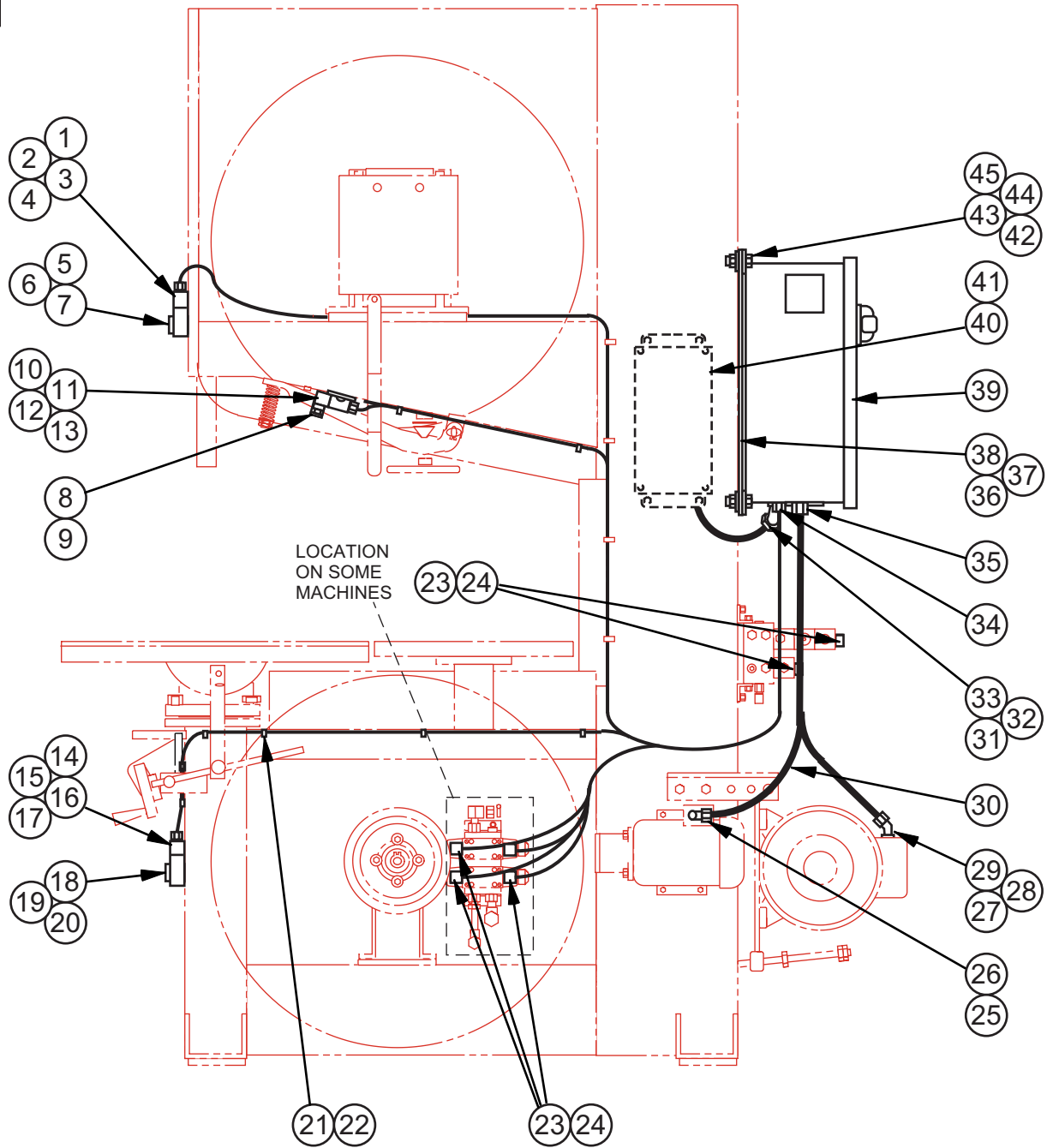
Z - 5 - 35

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DRIVE ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	220816	Drive Assembly	
1	1002227	. Bandwheel Assembly (See Detail)	1
2	199163	. Nut, Castellated 1-14NF	1
3	199519	. Cotter Pin	1
4	199270	. Washer, Flat 1" S.A.E. Std.	1
5	6-025517	. Key	2
6	35-009217	. Spindle Mount Weldment	1
7	027908	. L.H. Motor Bracket	1
8	221343	. Motor Pulley (1000-4000 fpm)	1
	221171	. Motor Pulley (4000-8000 fpm)	1
	221174	. Motor Pulley (10,000-15,000 fpm)	1
9	209636	. Electric Motor	1
	209637	. Electric Motor (575V Only)	1
10	027907	. R.H. Motor Bracket	1
11	215525	. V-Belt (1000-4000 fpm)	1
	220899	. V-Belt (4000-8000 fpm)	1
	221173	. V-Belt (10,000-15,000 fpm)	1
12	041041	. Spindle Assembly (Lower) (See Detail)	1
13	215533	. Spindle Pulley (1000-4000 fpm)	1
	220898	. Spindle Pulley (4000-8000 fpm)	1
	220755	. Spindle Pulley (10,000-15,000 fpm)	1
14	35-009637	. Key	1
15	14-000473	. Dowel Pin	2
16	198090	. Screw, Hex. Hd. Cap 3/4-10NC x 1-3/4	1
17	199329	. Washer, Lock 3/4 Std.	1
18	11-003403	. Washer	1
19	198050	. Screw, Hex. Hd. Cap 3/8-16NC x 2	2
20	199127	. Nut, Hex. Jam 3/8-16NC	2
21	016351	. Dowel Pin	2
22	198067	. Screw, Hex. Hd. Cap 1/2-13NC x 1-1/2	4
23	199327	. Washer, Lock 1/2 Std.	4
24	199516	. Cotter Pin	1
25	198268	. Washer, Flat 3/4 S.A.E. Std.	2
26	420913	. Motor Base Weldment	1
27	198050	. Screw, Hex. Hd. Cap 3/8-16NC x 2	4
28	199264	. Washer, Flat 3/8 S.A.E. Std.	4
29	199126	. Nut, Hex. 3/8-16NC	4
30	199140	. Nut, Hex. Jam 3/4-10NC	3
31	109501	. Screw, 3/4-10NC x 8-1/2	1
32	1014762	. Screw, Soc. Hd. Cap 5/8-11NC x 1-1/4	4
33	199328	. Washer, Lock 5/8 Std.	4
34	002762	. Washer	4
35	198067	. Screw, Hex. Hd. Cap 1/2-13NC x 1-1/2	2
36	199132	. Nut, Hex. Jam 1/2-13NC	2
37	198093	. Screw, Hex. Hd. Cap 1-8NC x 2	1
38	199330	. Washer, Lock 1 Std.	1

NEW DRG. S.C.L. 1-5-04
REVISIONS
S.C.L. 11-22-04
S.C.L. 7-8-07
S.C.L. 10-3-08



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

ELECTRICAL ASSEMBLY

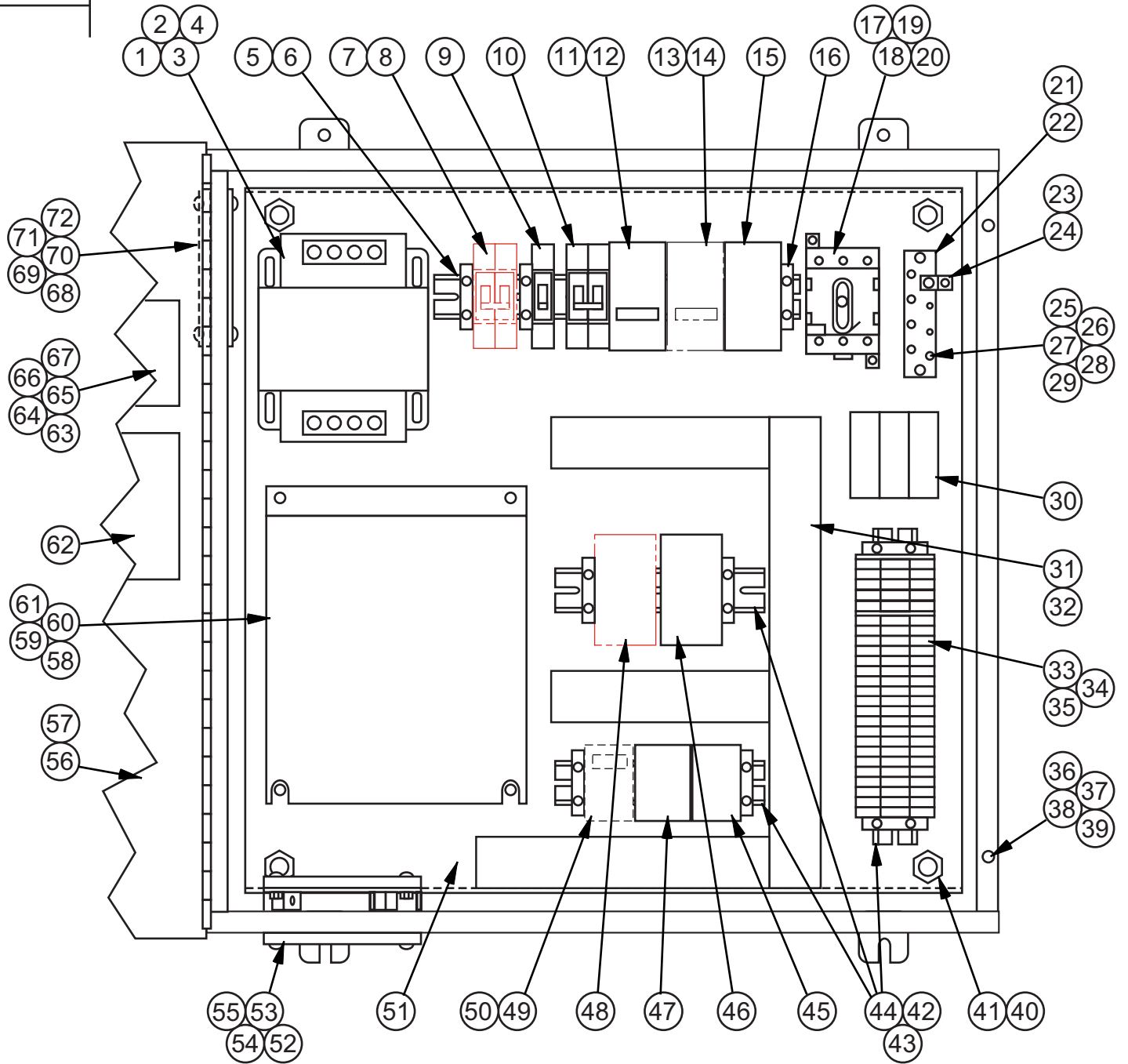
Z - 8 - 17

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ELECTRICAL ASSEMBLY

INDEX NO. Ref.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
		Electrical Assembly	
1	215624	. Limit Switch (Door Interlock)	1
2	198226	. Screw, Soc. Hd. Cap #10-24NC x 1-1/4	2
3	215619	. Cord Grip Connector (.236-.472)	1
4	197332	. Electrical Cord (#18-2 Conductor)	A.R.
5	221855	. Bracket	1
6	221854	. Shim (.032)	1
7	198852	. Screw, Rd. Hd. Mach. #8-32NC x 5/16	4
8	001490	. Switch Arm	1
9	198854	. Screw, Rd. Hd. Mach. #8-32NC x 1/2	2
10	35-002463	. Limit Switch (Band Tension)	1
11	198869	. Screw, Rd. Hd. Mach. #10-24NC x 1/2	2
12	201688	. Cord Grip Connector (.200-.394)	1
13	197332	. Electrical Cord (#18-2 Conductor)	A.R.
14	215624	. Limit Switch (Door Interlock)	1
15	198226	. Screw, Soc. Hd. Cap #10-24NC x 1-1/4	2
16	215619	. Cord Grip Connector (.236-.472)	1
17	197332	. Electrical Cord (#18-2 Conductor)	A.R.
18	221855	. Bracket	1
19	221854	. Shim (.032)	1
20	198852	. Screw, Rd. Hd. Mach. #8-32NC x 5/16	4
21	018281	. Nylon Clamp	8
22	199465	. Screw, Rd. Hd. Self-Tap #10-24NC x 3/8	8
23	201269	. Solenoid Plug Connector (Black)	3
24	197332	. Electrical Cord (#18-2 Conductor)	A.R.
25	014505	. 90° Sealtite Connector	1
26	014411	. Flange Washer	1
27	014504	. 45° Sealtite Connector	1
28	014411	. Flange Washer	1
29	217416	. Electrical Cord (#8-4 Conductor)	A.R.
30	197218	. Electrical Cord (#14-4 Conductor)	A.R.
31	197156	. Sealtite Conduit 1/2 I.D.	A.R.
32	014504	. 45° Sealtite Connector	1
33	014411	. Flange Washer	1
34	201688	. Cord Grip Connector (.200-.394)	6
35	202900	. Cord Grip Connector (.708-.984)	1
	201687	. Cord Grip Connector (.545-.709)	1
36	325806	. Mounting Plate	1
37	198008	. Screw, Hex. Hd. Cap 1/4-20NC x 3/4	4
38	199321	. Washer, Lock 1/4 Std.	4
39		. Electrical Control Box Assembly (See Detail)	1
40		. Pushbutton Station Detail (See Detail)	1
41	198008	. Screw, Hex. Hd. Cap 1/4-20NC x 3/4	4
42	198027	. Screw, Hex. Hd. Cap 5/16-18NC x 3/4	4
43	199323	. Washer, Lock 5/16 Std.	4
44	199262	. Washer, Flat 5/16 S.A.E. Std.	8
45	199122	. Nut, Hex. 5/16-18NC	4

NEW DRG.
S.C.L. 1-5-04
REVISIONS
S.C.L. 11-23-04
S.C.L. 7-8-07
S.C.L. 2-5-08
S.C.L. 10-03-08
S.C.L. 1-28-10



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

ELECTRICAL CONTROL BOX ASSEMBLY

Z - 8 - 18

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ELECTRICAL CONTROL BOX ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.		Electrical Control Box Assembly		46	207206	. Magnetic Contactor	1
1	320113	. Transformer (208V)	1	47	207200	. Control Relay	1
	320114	. Transformer (230V, 460V, 575V)	1	48	223998	. Power Supply (50 Hz Worklight Option)	1
	217753	. Transformer (400V)	1	49	220233	. Control Relay (575V Only)	1
2	198962	. Screw, Pan Hd. Slotted M6-1.0 x 16	4	50	220234	. Suppressor (575V Only)	1
3	199965	. Washer, Flat M6	4	51	521455	. Control Panel	1
4	199347	. Washer, Lock M6	4	52	208799	. Fan Cover	2
5	169674	. Mounting Channel	A.R.	53	215183	. Screw, Flat Hd. Slotted M4-0.7 x 40	4
6	199578	. Screw, Pan Hd. Slotted M5-0.8 x 8	3	54	199214	. Nut, Hex. M4-0.7	4
7	1007405	. Circuit Breaker (208V, 230V, 400V, 460V) (Buttwelder Option)	1	55	199297	. Washer, Lock M4	4
8	215212	. Fuse Block (575V Only) (Buttwelder Option)	1	56	521450	. Control Box Enclosure	1
	203614	. Fuse (8 Amp) (575V Only) (Buttwelder Option)	2	57	203925	. Gasket Strip	A.R.
9	420358	. Circuit Breaker	1	58*	1003927	. Variable Speed Control (208V, 230V) ..	1
10	1007404	. Circuit Breaker (208V)	1		1003805	. Variable Speed Control (400V, 460V) ..	1
	1007401	. Circuit Breaker (230V)	1	59	220705	. Variable Speed Control (575V)	1
	1007400	. Circuit Breaker (400V)	1	60	199557	. Screw, Pan Hd. Slotted M5-0.8 x 12	4
	1007399	. Circuit Breaker (460V)	1	61	199244	. Washer, Flat M5	4
	215212	. Fuse Block (575V)	2	62	199347	. Washer, Lock M5	4
	203159	. Fuse (2.5 Amp) (575V)	2	63*	220231	. Fuse/Overload Schedule	1
11	220644	. Motor Starter Protector (208V, 230V) ..	1	64*	1004077	. Mounting Bracket	2
	220642	. Motor Starter Protector (400V, 460V, 575V)	1	65*	1004075	. Door Panel	1
12	220654	. Auxiliary Contact (1-NO)	1	66*	208719	. Resistor Cover	1
13	220645	. Motor Starter Protector (208V, 230V) (Hydraulic Table Option)	1	67	1004006	. Resistor (13 Ohms) (208V, 230V)	2
	220644	. Motor Starter Protector (400V, 460V) (Hydraulic Table Option)	1	68	224068	. Resistor (52 Ohms) (400V, 460V)	2
14	220654	. Auxiliary Contact (Hydraulic Table Option)	1	69	221588	. Resistor (70 Ohms) (575V Only)	1
15	221160	. Motor Starter Protector (208V, 230V) ..	1	70	221315	. Dynamic Brake Module (575V Only)	1
	220652	. Motor Starter Protector (400V)	1	71	208798	. Fan	1
	220651	. Motor Starter Protector (460V)	1	72	208799	. Fan Cover	1
	220650	. Motor Starter Protector (575V)	1		207800	. Fan Lead Wire	1
16	200618	. End Stop	4		215182	. Screw, Flat Hd. Slotted M4-0.7 x 25	4
17**	1007435	. Disconnect Switch	1		215181	. Screw, Flat Hd. Slotted M4-0.7 x 12	4
18**	1007440	. Disconnect Switch Shaft	1				
19**	1007439	. Disconnect Switch Handle	1				
20	199365	. Washer, Lock #8 Shakeproof	2				
21	320740	. Grounding Bus	1				
22	198962	. Screw, Pan Hd. Slotted M6-1.0 x 16	2				
23	141639	. Wire Terminal Lug	1				
24	198960	. Screw, Pan Hd. Slotted M6-1.0 x 10	1				
25	215202	. Screw, Pan Hd. Slotted M5-0.7 x 6	7				
26	199244	. Washer, Lock M5	7				
27	199355	. Washer, Lock #10 Shakeproof	7				
28	199311	. Washer, Lock M6 Shakeproof	4				
29	199365	. Washer, Lock #10 Shakeproof	2				
30	221240	. Distribution Block	3				
31	197208	. 1" Wiring Channel	A.R.				
32	197210	. 1" Wiring Channel Cover	A.R.				
33	200615	. Terminal Block	22				
34	200617	. End Section	2				
35	202922	. Jumper Bar	1				
36	207525	. Rivet Nut M6-1.0	2				
37	207523	. Screw, Hex. Hd. Slotted M6-1.0 x 20 ...	2				
38	204153	. Nylon Washer	2				
39	204151	. Retainer	2				
40	199126	. Nut, Hex. 3/8-16NC	4				
41	199325	. Washer, Lock 3/8 Std.	4				
42	169674	. Mounting Channel	A.R.				
43	199578	. Screw, Pan Hd. Slotted M5-0.8 x 8	7				
44	200618	. End Stop	6				
45	207200	. Control Relay	1				

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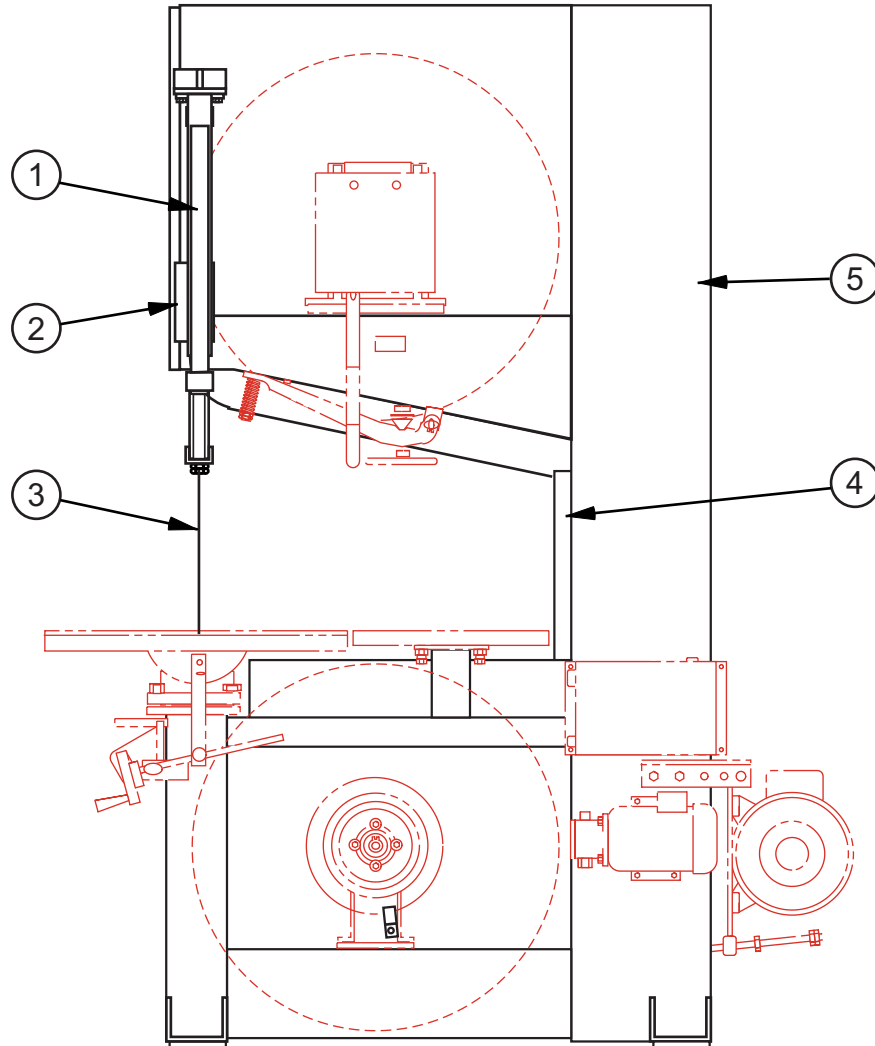
1003427	. U.L. Label	1
197418	. Wire, #8 Black (19 Strand)	A.R.
197341	. Wire, #12 Black (19 Strand)	A.R.
197412	. Wire, #14 White (19 Strand)	A.R.
197414	. Wire, #14 Red (19 Strand)	A.R.
197195	. Wire, #14 Green/Yellow (19 Strand)	A.R.
135106	. Hole Seal	3
135107	. Hole Seal	1

*NOTE: Before Serial #565-08114:

58	224056	. Variable Speed Control (208V, 230V) ..	1
	224057	. Variable Speed Control (400V, 460V) ..	1
	220705	. Variable Speed Control (575V)	1
63	208728	. Mounting Bracket	2
	107777	. Plastic Rivet	2
	208719	. Resistor Cover	1
65	219329	. Resistor (33 Ohms) (208V, 230V)	2
66	219331	. Resistor (130 Ohms) (400V, 460V)	2
	221588	. Resistor (70 Ohms) (575V Only)	1

**NOTE: Before Serial #565-10122:
Order Disconnect Switch Service Kit - #1007554.
Otherwise, Use Part Numbers Listed.

NEW DRG. S.C.L. 1-5-04
REVISIONS
S.C.L.11-23-04
S.C.L. 10-3-08
S.C.L. 1-28-10



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

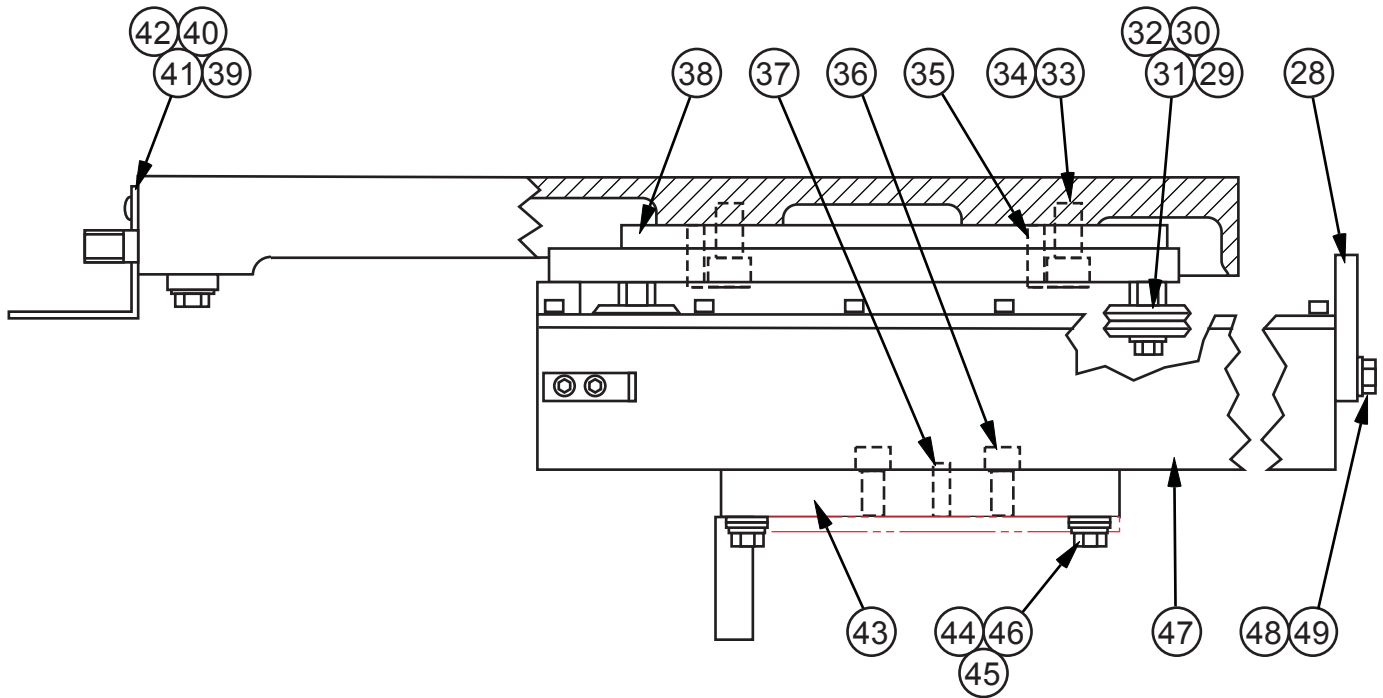
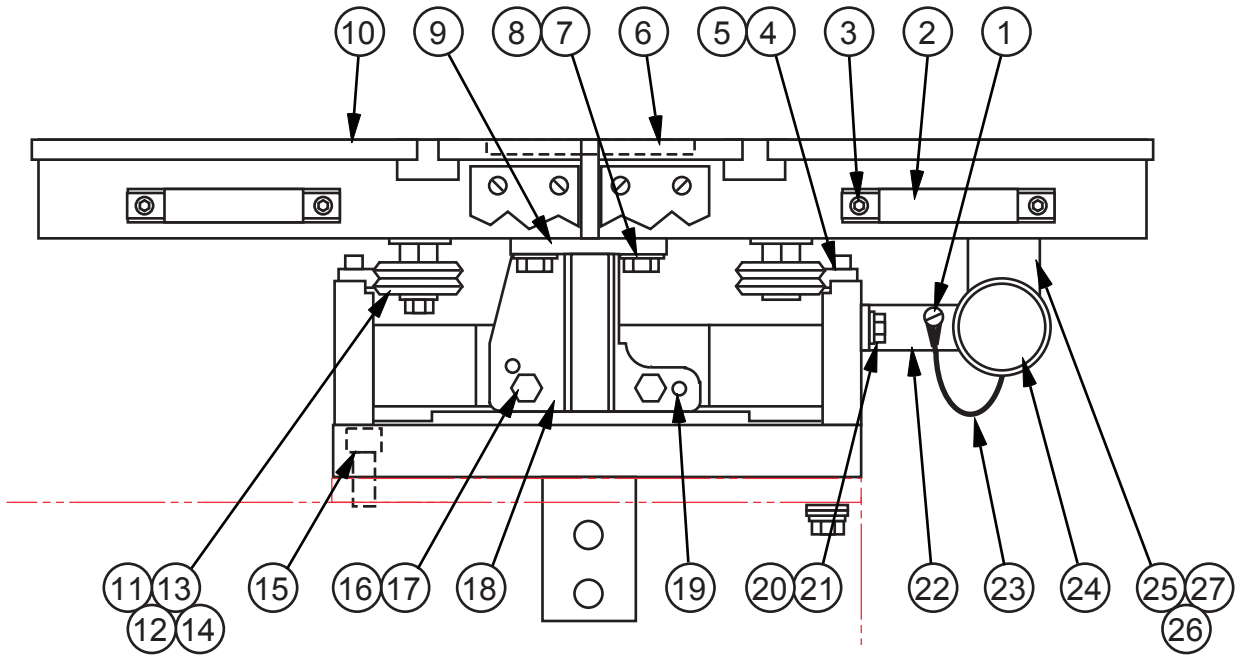
EXTRA WORK HEIGHT ASSEMBLY

Z - 2 - 37

EXTRA WORK HEIGHT ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	221180	30" Work Height Assembly (ZV-3630)	
Ref.	221181	36" Work Height Assembly (ZV-3636)	
Ref.	221118	42" Work Height Assembly (ZV-3642)	
1	149864	. Saw Band (1" x 6P Friction) (30" Work Height)	1
	142015	. Saw Band (1" x 10P Friction) (36" Work Height)	1
	160920	. Saw Band (1" x 10P Friction) (42" Work Height)	1
2	221353	. Post Assembly (30" Work Height) (See Detail)	1
	221354	. Post Assembly (36" Work Height) (See Detail)	1
	221355	. Post Assembly (42" Work Height) (See Detail)	1
3	221182	. Hydraulic Post Cylinder Assembly (30" Work Height) (See Detail)	1
	221183	. Hydraulic Post Cylinder Assembly (36" Work Height) (See Detail)	1
	221128	. Hydraulic Post Cylinder Assembly (42" Work Height) (See Detail)	1
4	306775	. Saw Band Guard Weldment (30" Work Height)	1
	306776	. Saw Band Guard Weldment (36" Work Height)	1
	306777	. Saw Band Guard Weldment (42" Work Height)	1
5	521618	. Frame Assembly (30" Work Height)	1
	521620	. Frame Assembly (36" Work Height)	1
	521599	. Frame Assembly (42" Work Height)	1

NEW DRG. S.C.L. 4-25-08
REVISIONS
S.C.L. 6-4-14



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-08115

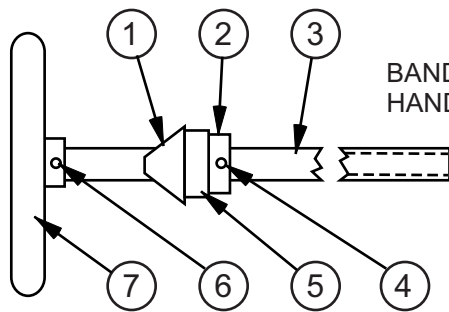
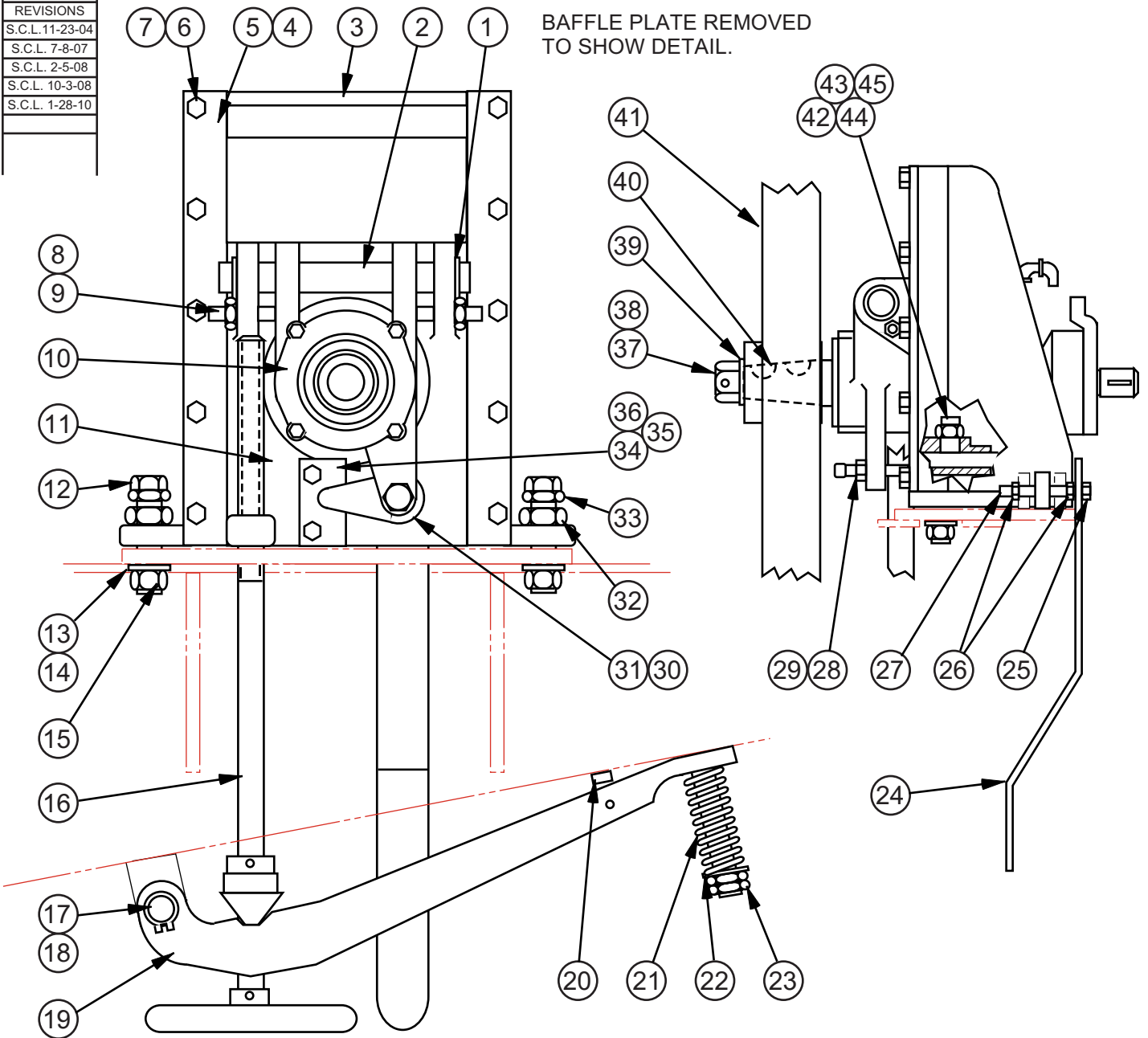
GLIDE TABLE ASSEMBLY

GLIDE TABLE ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	1002834	Glide Table Assembly (2 T-Slots)	
Ref.	224937	Glide Table Assembly (4 T-Slots)	
1	198346	. Screw, Button Hd. Soc. #8-32NC x 3/8	1
2	171912	. Pull Handle	2
3	198211	. Screw, Soc. Hd. Cap #8-32NC x 1/2	4
4	220874	. Track	2
5	198238	. Screw, Soc. Hd. Cap 1/4-20NC x 5/8	30
6	316903	. Center Plate (Oval)	1
7	198046	. Screw, Hex. Hd. Cap 3/8-16NC x 1	2
8	199325	. Washer, Lock 3/8 Std.	2
9	004599	. Front Table Clamp	1
10	521541	. Table Weldment (2 T-Slots).....	1
	1013891	. Table Weldment (4 T-Slots).....	1
11	208038	. Guide Wheel	3
12	208036	. Bushing Adaptor (L.H. Side)	3
13	198031	. Screw, Hex. Hd. Cap 5/16-18NC x 1-1/2	3
14	199323	. Washer, Lock 5/16 Std.	3
15	198295	. Screw, Soc. Hd. Cap 1/2-13NC x 1-1/2	2
16	198046	. Screw, Hex. Hd. Cap 3/8-16NC x 1	2
17	199325	. Washer, Lock 3/8 Std.	2
18	321271	. Lower Post Block	1
19	35-000516	. Dowel Pin	2
20	198007	. Screw, Hex. Hd. Cap 1/4-20NC x 5/8	2
21	199321	. Washer, Lock 1/4 Std.	2
22	1004437	. Locking Bracket	1
23	208102	. Lanyard	1
24	208041	. Thumbscrew Weldment	1
25	1004438	. Stop Bracket	1
26	198007	. Screw, Hex. Hd. Cap 1/4-20NC x 5/8	2
27	199321	. Washer, Lock 1/4 Std.	2
28	325833	. End Bar Weldment	1
29	208038	. Guide Wheel	3
30	208035	. Adjustable Bushing Adaptor (R.H. Side)	3
31	198031	. Screw, Hex. Hd. Cap 5/16-18NC x 1-1/2	3
32	199323	. Washer, Lock 5/16 Std.	3
33	198295	. Screw, Soc. Hd. Cap 1/2-13NC x 1-1/2	4
34	199327	. Washer, Lock 1/2 Std.	4
35	198441	. Screw, Soc. Set 5/16-18NC x 1-1/4	4
36	198293	. Screw, Soc. Hd. Cap 1/2-13NC x 1	3
37	14-000473	. Dowel Pin	2
38	325872	. Glide Table Plate	1
39	1004435	. R.H. Guard	1
40	1004436	. L.H. Guard	1
41	198867	. Screw, Rd. Hd. Mach. #10-24NC x 3/8	4
42	199319	. Washer, Lock #10 Std.	4
43	1002832	. Cradle Weldment	1
44	198067	. Screw, Hex. Hd. Cap 1/2-13NC x 1-1/2	2
45	199327	. Washer, Lock 1/2 Std.	2
46	199266	. Washer, Flat 1/2 S.A.E. Std.	4
47	1002833	. Table Support Weldment	1
48	198046	. Screw, Hex. Hd. Cap 3/8-16NC x 1	2
49	199325	. Washer, Lock 3/8 Std.	2

NEW DRG.
S.C.L. 1-5-04
REVISIONS
S.C.L. 11-23-04
S.C.L. 7-8-07
S.C.L. 2-5-08
S.C.L. 10-3-08
S.C.L. 1-28-10

BAFFLE PLATE REMOVED TO SHOW DETAIL.



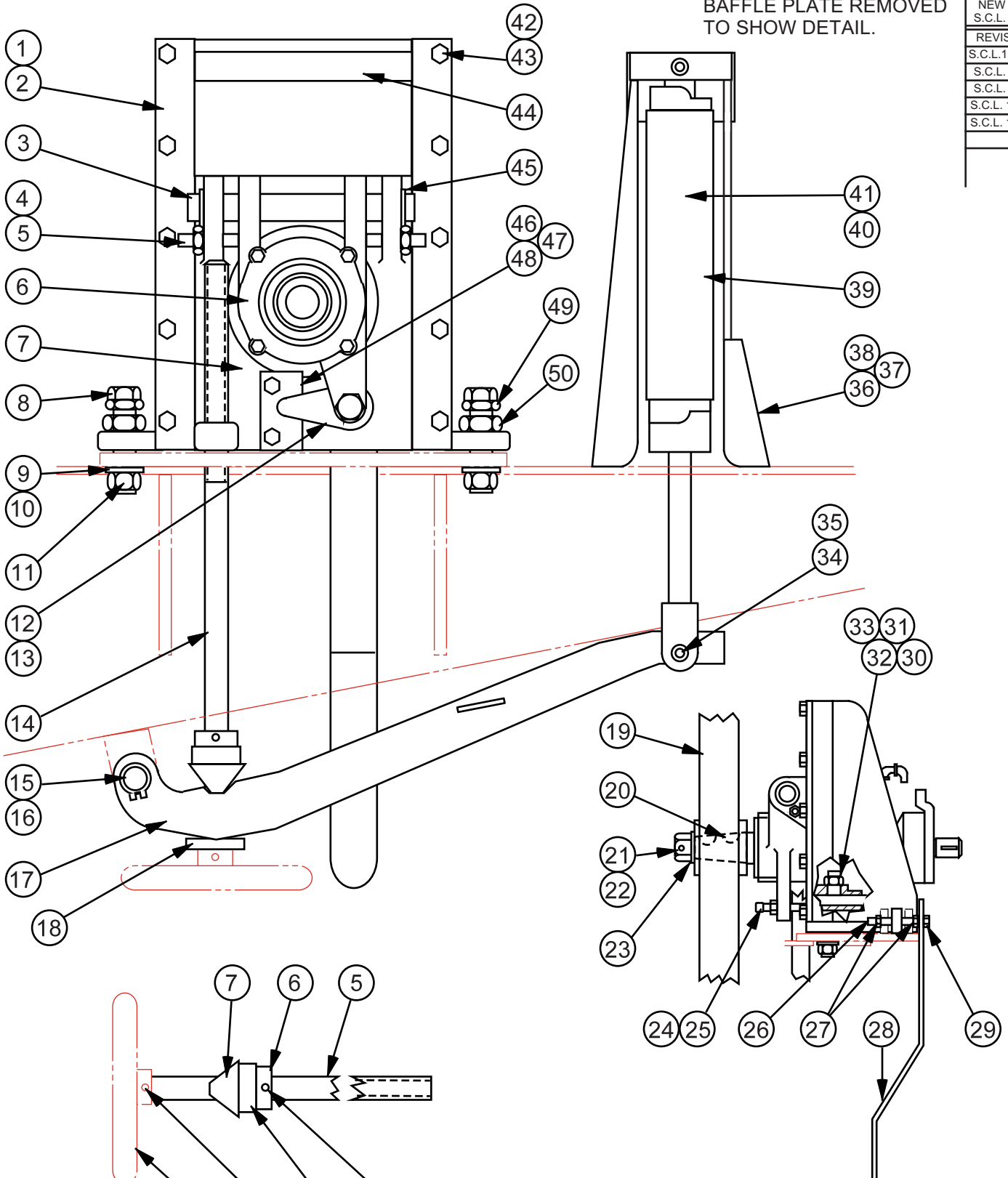
BAND TENSION SCREW and HANDWHEEL SUB-ASSEMBLY

MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

HEAD ASSEMBLY

BAFFLE PLATE REMOVED
TO SHOW DETAIL.

NEW DRG.
S.C.L. 1-5-04
REVISIONS
S.C.L.11-23-04
S.C.L. 7-8-07
S.C.L. 2-5-08
S.C.L. 10-3-08
S.C.L. 1-28-10



BAND TENSION SCREW & HANDWHEEL SUB-ASSEMBLY

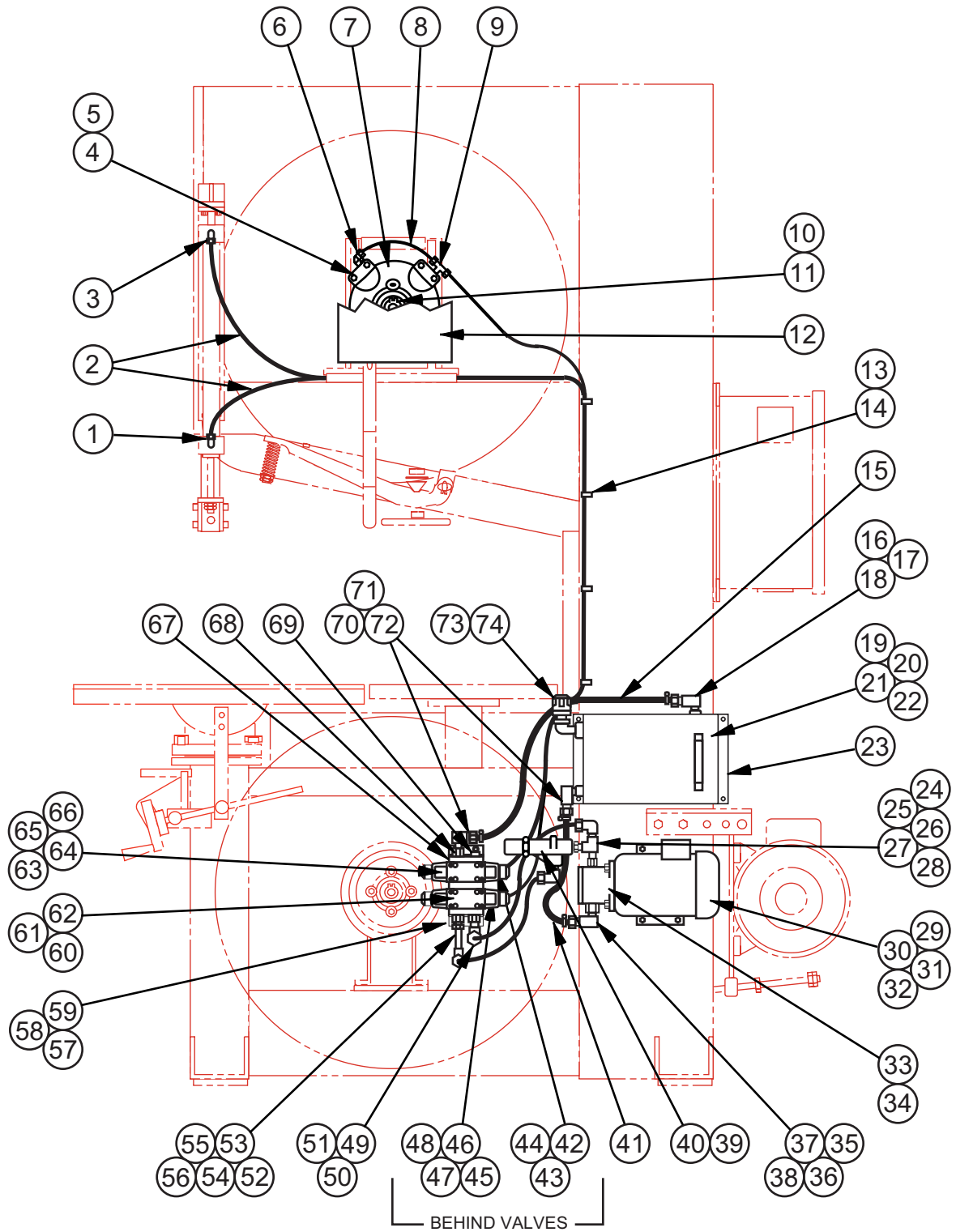
MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101
D-900 590-08101

HEAD ASSEMBLY (HYDRAULIC BAND TENSION)

**HEAD ASSEMBLY
(Hydraulic Band Tension)**

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	223826	Head Assembly (Hydraulic Band Tension)		41	35-009613	. Retaining Ring	2
Ref.	050673	Head Bracket Sub-Assembly		42	198046	. Screw, Hex. Hd. Cap 3/8-16NC x 1	10
1	35-009271	. Slide Guide	2	43	199325	. Washer, Lock 3/8 Std.	10
2	113384	. Shim (.002)	A.R.	44	040307	. Head Bracket	1
3	35-009275	. Pivot Pin	1	45	35-007558	. Retaining Ring	2
4	198454	. Screw, Soc. Set 3/8-16NC x 1-1/2	2	46	35-009283	. Plate	1
5	199127	. Nut, Hex. Jam 3/8-16NC	2	47	198007	. Screw, Hex. Hd. Cap 1/4-20NC x 5/8 ..	2
6	022787	. Spindle Assembly (Upper) (See Detail)	1	48	199321	. Washer, Lock 1/4 Std.	2
7	35-009273	. Slide	1	49	35-008673	. Adjustment Screw 1" Hex. X 1-7/8	4
8	198073	. Screw, Hex. Hd. Cap 1/2-13NC x 3	4	50	199145	. Nut, Hex. Jam 7/8-14NF	4
9	199304	. Washer, Flat 1/2 Wrought	4				
10	199327	. Washer, Lock 1/2 Std.	4	Ref.	35-005497	. Band Tension Screw and Handwheel Sub-Assembly	
11	199131	. Nut, Hex. 1/2-13NC	4	1	35-004331	. Handwheel (If Supplied)	1
12	35-009279	. Cam Arm	1	2	004263	. Spring Pin	1
13	004263	. Spring Pin	1	3	003305	. Adjustment Screw	1
14	35-005497	. Band Tension Screw and Handwheel Sub-Assembly (See Detail)	1	4	35-009284	. Collar	1
15	35-009282	. Pin	1	5	010197	. Thrust Ball Bearing	1
16	35-008688	. Retaining Ring	2	6	13-001408	. Set Screw Collar	1
17	030633	. Tension Lever	1	7	004275	. Spring Pin	1
18	107428	. Collar (If Supplied)	1				
19	1002227	. Bandwheel Assembly (See Detail)	1				
20	6-025517	. Woodruff Key	2				
21	199163	. Nut, Castelated 1-14NF	1				
22	199518	. Cotter Pin	1				
23	199270	. Washer, Flat 1 S.A.E. Std.	1				
24	198657	. Screw, Sq. Hd. Set 1/2-13NC x 2-1/4 ..	1				
25	199132	. Nut, Hex. Jam 1/2-13NC	1				
26	198634	. Screw, Soc. Set 1/2-13NC x 1-1/2 (Oval Point)	2				
27	199132	. Nut, Hex. Jam 1/2-13NC	4				
28	020831	. Arm Weldment	1				
29	198067	. Screw, Hex. Hd. Cap 1/2-13NC x 1-1/2	2				
30	35-009189	. Adjustment Screw	1				
31	199138	. Nut, Hex. Jam 5/8-18NF	1				
32	35-009188	. Compression Spring	1				
33	35-009190	. Insert	1				
34	102271	. Pin	1				
35	35-006426	. Retaining Ring	2				
36	421314	. Hanger Weldment	1				
37	198044	. Screw, Hex. Hd. Cap 3/8-16NC x 3/4 ..	3				
38	199325	. Washer, Lock 3/8 Std.	3				
39	222700	. Band Tension Cylinder	1				
40	102270	. Pin	1				

NEW DRG. S.C.L. 1-5-04
REVISIONS
S.C.L. 11-30-04
S.C.L. 7-8-07
S.C.L. 2-5-08
S.C.L. 10-3-08
S.C.L. 1-28-10



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

HYDRAULIC ASSEMBLY

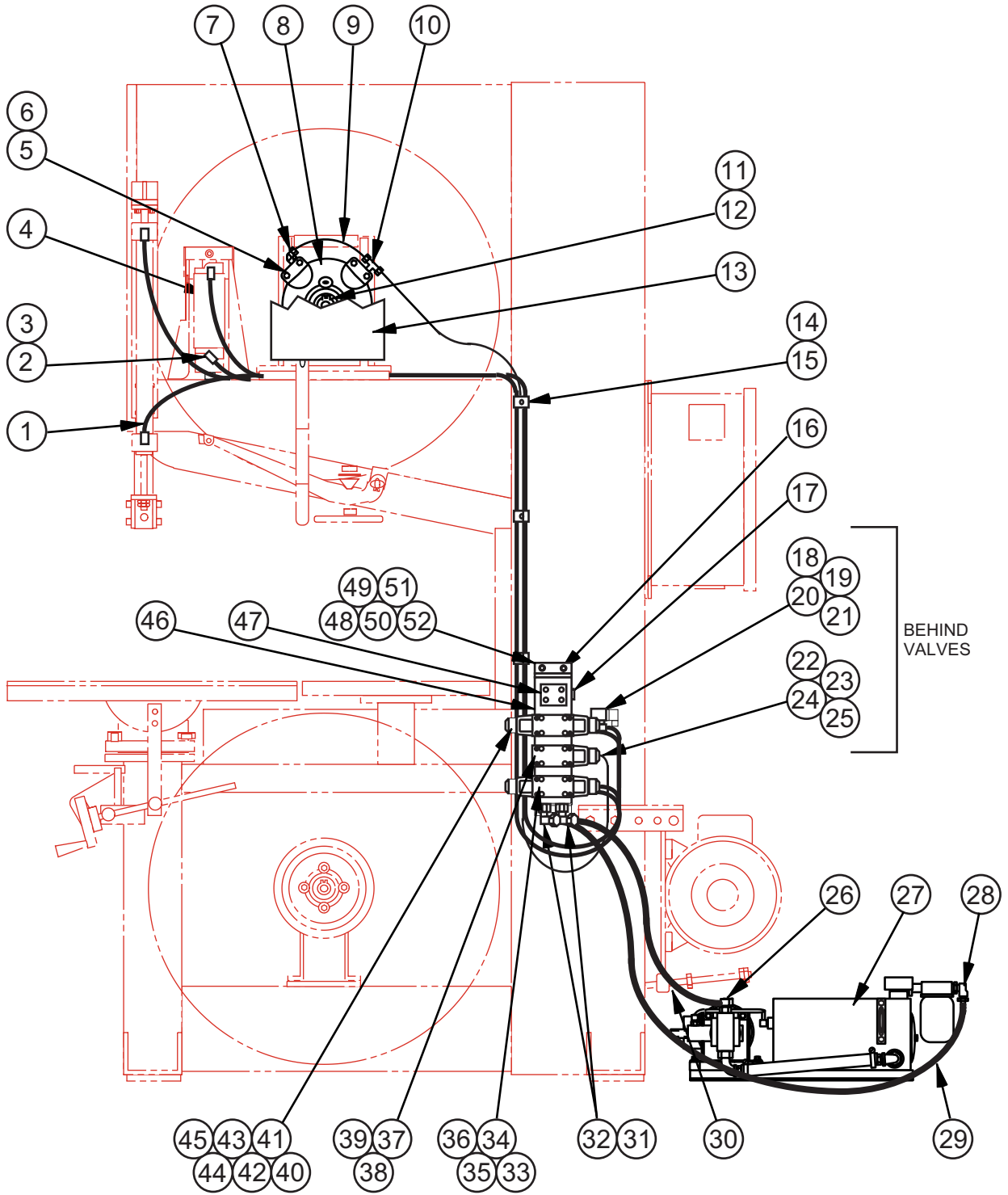
Z - 8 - 15

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HYDRAULIC ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	221172	Hydraulic Assembly		47	309005	. Male Connector	1
1	309059	. 90° Male Elbow	1	48	197264	. Nylon Tubing 1/4 O.D.	A.R.
2	197265	. Nylon Tubing 3/8 O.D.	A.R.	49	120766	. Female Pipe Adapter	1
3	309059	. 90° Male Elbow	1	50	309060	. 90° Male Elbow	1
4	001491	. Brake Assembly (Single Disc) (See Detail)	2	51	197265	. Nylon Tubing 3/8 O.D.	A.R.
5	198263	. Screw, Soc. Hd. Cap 5/16-18NC x 1-3/4	4	52	120766	. Female Pipe Adapter	1
6	309053	. 90° Male Elbow	1	53	017537	. Reducer Bushing	1
7	021232	. Brake Disc and Hub Sub-Assembly (See Detail)	1	54	35-002343	. Pipe Nipple	1
8	197264	. Nylon Tubing 1/4 O.D.	A.R.	55	309080	. 90° Female Elbow	1
9	309144	. Male Branch Tee	1	56	197265	. Nylon Tubing 3/8 O.D.	A.R.
10	5-004604	. Woodruff Key	1	57	206119	. Foot Bracket	2
11	003077	. Retaining Ring	1	58	198026	. Screw, Hex. Hd. Cap 5/16-18NC x 5/8	4
12	022544	. Cover Weldment	1	59	199323	. Washer, Lock 5/16 Std.	4
13	018281	. Nylon Clamp	4	60	1003596	. Directional Control Valve	1
14	199465	. Screw, Rd. Hd. Self-Tap #10-24NC x 3/8	4	61	198225	. Screw, Soc. Hd. Cap #10-24NC x 1	4
15	197092	. Neoprene Hose 3/4 O.D. (Black)	A.R.	62	012144	. Washer, Lock #10 Hi-Collar	4
16	120903	. 90° Street Elbow	1	63	1003596	. Directional Control Valve	1
17	008212	. Barbed Insert	1	64	265462	. Pilot Operated Check Valve	1
18	35-006888	. Hose Clamp	1	65	199706	. Screw, Soc. Hd. Cap #10-24NC x 2-3/4	4
19	967683	. Reservoir Weldment	1	66	012144	. Washer, Lock #10 Hi-Collar	4
20	198027	. Screw, Hex. Hd. Cap 5/16-18NC x 3/4	4	67	351693AC	. Manifold	1
21	199323	. Washer, Lock 5/16 Std.	4	68	120766	. Female Pipe Adapter	1
22	974961	. Sight Gauge	1	69	904302	. Plug	1
23	325896	. Reservoir Bracket	1	70	120903	. 90° Street Elbow	2
24	107222	. Straight Thred Adapter	1	71	008212	. Barbed Insert	2
25	133542	. Street Tee	1	72	35-006888	. Hose Clamp	2
26	309059	. 90° Male Elbow	1	73	600100	. Breather-Filter	1
27	5-011517	. Reducer Bushing	1	74	002973	. 90° Street Elbow	1
28	14-003507	. Close Nipple	1				
29	221031	. Electric Motor (.25 HP)	1				
	610685	. Electric Motor (.25 H.P.) (575V Only) ..	1				
30	198025	. Screw, Hex. Hd. Cap 5/16-18NC x 1/2	4				
31	199262	. Washer, Flat 5/16 S.A.E Std.	4				
32	199323	. Washer, Lock 5/16 Std.	4				
33	610173	. Gear Feed Pump	1				
34	198371	. Screw, Soc. Hd. Cap 3/8-16NC x 1	2				
35	128036	. Straight Thread Adapter	1				
36	120903	. 90° Street Elbow	1				
37	008212	. Barbed Insert	1				
38	35-006888	. Hose Clamp	1				
39	123783	. Relief Valve	1				
40	309057	. 90° Male Elbow	1				
41	197092	. Neoprene Hose 3/4 O.D. (Black)	A.R.				
42	204248	. Female Pipe Adapter	1				
43	309010	. Male Connector	2				
44	197265	. Nylon Tubing 3/8 O.D.	A.R.				
45	204248	. Female Pipe Adapter	2				
46	207004	. Plug	1				

NEW DRG.
S.C.L. 10-3-08
REVISIONS
S.C.L. 1-28-10



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

HYDRAULIC ASSEMBLY (HYDRAULIC BAND TENSION OPTION)

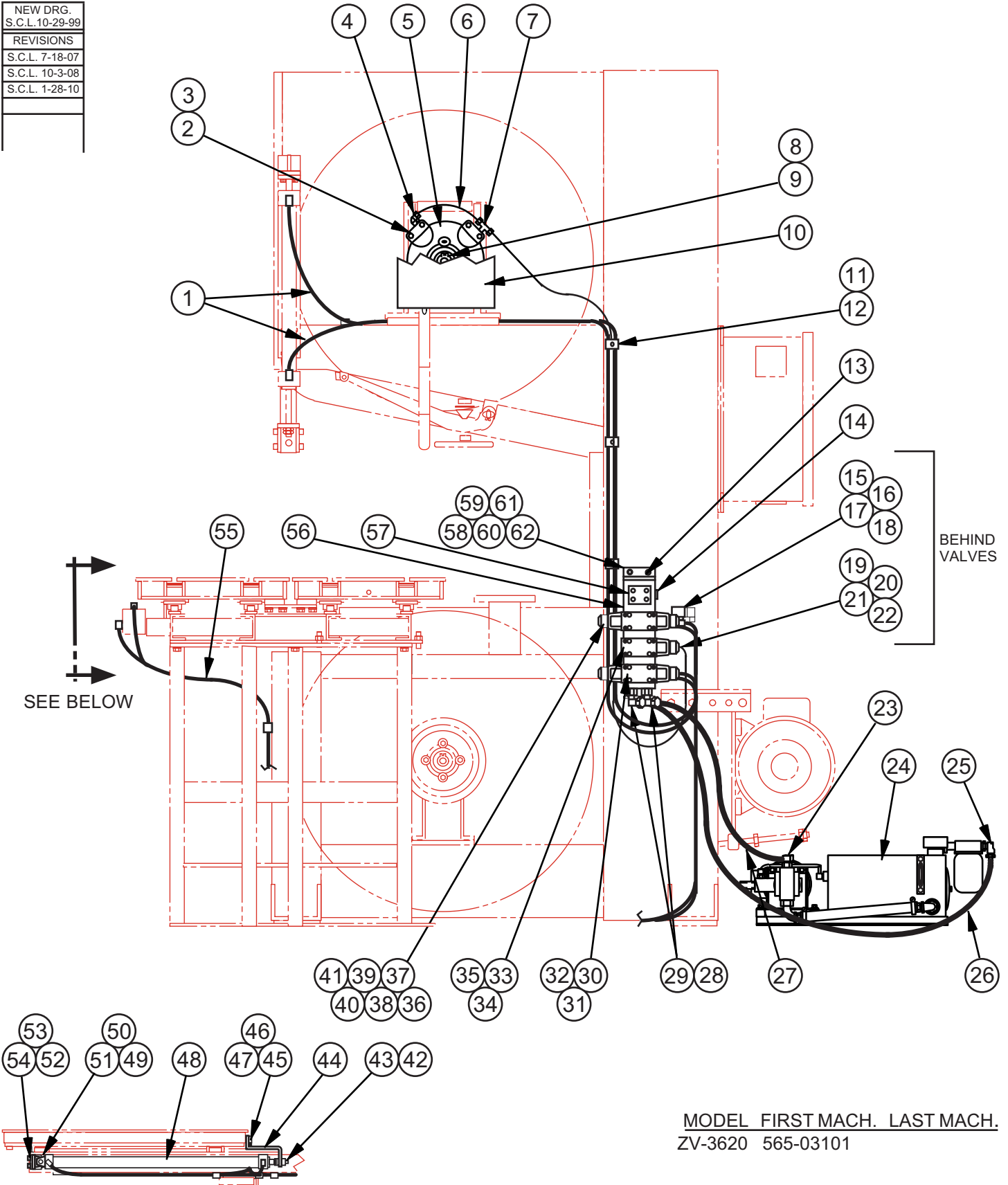
Z - 8 - 42

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HYDRAULIC ASSEMBLY
(Hydraulic Band Tension Option)

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	1002929	Hydraulic Assembly (Hydraulic Band Tension Option)	
1		. Hydraulic Hose	2
2	121933	. 45° Street Elbow	1
3		. Hydraulic Hose	1
4		. Hydraulic Hose	1
5	001491	. Brake Assembly (Single Disc) (See Detail)	2
6	198263	. Screw, Soc. Hd. Cap 5/16-18NC x 1-3/4	4
7	309053	. 90° Male Elbow	1
8	021232	. Brake Disc and Hub Sub-Assembly (See Detail)	1
9	197264	. Nylon Tubing 1/4 O.D.	A.R.
10	309144	. Male Branch Tee	1
11	5-004604	. Woodruff Key	1
12	003077	. Retaining Ring	1
13	022544	. Cover Weldment	1
14	313339	. Double Support	6
15	198264	. Screw, Soc. Hd. Cap 5/16-18NC x 2	3
16	904302	. Plug	2
17	207004	. Plug	3
18	178857	. Solenoid Valve	1
19	35-002343	. Pipe Nipple	1
20	204248	. Female Pipe Adaptor	1
21	008254	. 90° Street Elbow	1
22	204248	. Female Pipe Adaptor	1
23	309005	. Male Connector	1
24	197264	. Nylon Tubing 1/4 O.D.	A.R.
25	207004	. Plug	1
26	120903	. 90° Street Elbow	1
27	517561	. Hydraulic Power Unit Assembly (See Detail)	1
28	120903	. 90° Street Elbow	1
29		. Hydraulic Hose	1
30		. Hydraulic Hose	1
31	120766	. Female Pipe Adaptor	2
32	120903	. 90° Street Elbow	2
33	1003596	. Directional Control Valve	1
34	265462	. Pilot Operated Check Valve	1
35	199706	. Screw, Soc. Hd. Cap #10-24NC x 2-3/4	4
36	012144	. Washer, Lock #10 Hi-Collar	4
37	1005914	. Directional Control Valve	1
38	198225	. Screw, Soc. Hd. Cap #10-24NC x 1	4
39	012144	. Washer, Lock #10 Hi-Collar	4
40	1003595	. Directional Control Valve	1
41	219403	. Pressure Reducing/Relieving Valve	1
42	200137	. Pressure Gauge	1
43	216732	. Orifice (.028 Dia.)	1
44	199706	. Screw, Soc. Hd. Cap #10-24NC x 2-3/4	4
45	012144	. Washer, Lock #10 Hi-Collar	4
46	351693AE	. Manifold	1
47	351702AB	. Cover Plate	1
48	206119	. Foot Bracket	2
49	198027	. Screw, Hex. Hd. Cap 5/16-18NC x 3/4	4
50	198025	. Screw, Hex. Hd. Cap 5/16-18NC x 2	4
51	199323	. Washer, Lock 5/16 Std.	8
52	199262	. Washer, Flat 5/16 S.A.E. Std.	8

NEW DRG.	S.C.L.10-29-99
REVISIONS	
S.C.L. 7-18-07	
S.C.L. 10-3-08	
S.C.L. 1-28-10	



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

HYDRAULIC ASSEMBLY

(HMD HYDRAULIC TABLE)

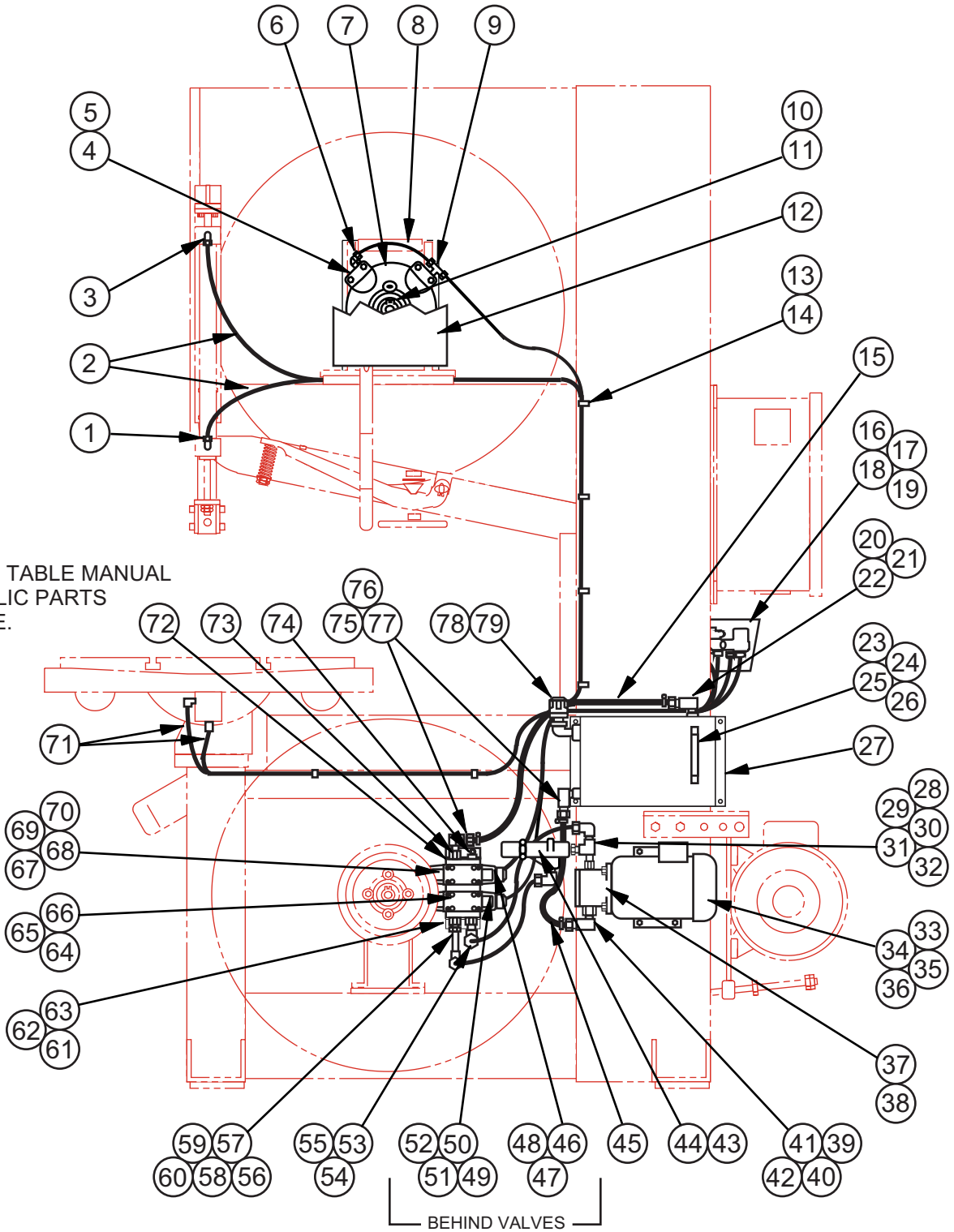
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**HYDRAULIC ASSEMBLY
(HMD Hydraulic Table)**

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.		Hydraulic Assembly (HMD Hydraulic Table)		48	419728	. Table Feed Cylinder	1
1		. Hydraulic Hose	2	49	419776	. Cylinder Mount	1
2	001491	. Brake Assembly (Single Disc) (See Detail)	2	50	198028	. Screw, Hex. Hd. Cap 5/16-18NC x7/8 ..	4
3	198263	. Screw, Soc. Hd. Cap 5/16-18NC x 1-3/4	4	51	199323	. Washer, Lock 5/16 Std.	4
4	309053	. 90° Male Elbow	1	52	206139	. Clevis Bracket	1
5	021232	. Brake Disc and Hub Sub-Assembly (See Detail)	1	53	199846	. Screw, Soc. Hd. Cap M10-1.5 x 25	4
6	197264	. Nylon Tubing 1/4 O.D.	A.R.	54	100346	. Washer, lock M10	4
7	309144	. Male Branch Tee	1	55		. Hydraulic Hose	2
8	5-004604	. Woodruff Key	1	56	351693AE	. Manifold	1
9	003077	. Retaining Ring	1	57	351702AB	. Cover Plate	1
10	022544	. Cover Weldment	1	58	206119	. Foot Bracket	2
11	313339	. Double Support	6	59	198027	. Screw, Hex. Hd. Cap 5/16-18NC x 3/4	4
12	198264	. Screw, Soc. Hd. Cap 5/16-18NC x 2 ...	6	60	198025	. Screw, Hex. Hd. Cap 5/16-18NC x 2 ...	4
13	904302	. Plug	2	61	199323	. Washer, Lock 5/16 Std.	8
14	207004	. Plug	3	62	199262	. Washer, Flat 5/16 S.A.E. Std.	8
15	178857	. Solenoid Valve	1	Following Not Shown:			
16	35-002343	. Pipe Nipple	1	043323		. Table Control Valve Assembly (See Detail)	1
17	204248	. Female Pipe Adaptor	1	199019		. Screw, Truss Hd. Mach. 1/4-20NC x 3/8	4
18	008254	. 90° Street Elbow	1				
19	204248	. Female Pipe Adaptor	1				
20	309005	. Male Connector	1				
21	197264	. Nylon Tubing 1/4 O.D.	A.R.				
22	207004	. Plug	1				
23	120903	. 90° Street Elbow	1				
24	517561	. Hydraulic Power Unit Assembly (See Detail)	1				
25	120903	. 90° Street Elbow	1				
26		. Hydraulic Hose	1				
27		. Hydraulic Hose	1				
28	120766	. Female Pipe Adapter	2				
29	120903	. 90° Street Elbow	2				
30	1003596	. Directional Control Valve	1				
31	198225	. Screw, Soc. Hd. Cap #10-24NC x 1	4				
32	012144	. Washer, Lock #10 Hi-Collar	4				
33	1003596	. Directional Control Valve	1				
34	198225	. Screw, Soc. Hd. Cap #10-24NC x 1	4				
35	012144	. Washer, Lock #10 Hi-Collar	4				
36	1003595	. Directional Control Valve	1				
37	219403	. Pressure Reducing/Relieving Valve	1				
38	200137	. Pressure Gauge	1				
39	216732	. Orifice (.028 Dia.)	1				
40	199706	. Screw, Soc. Hd. Cap #10-24NC x 2-3/4	4				
41	012144	. Washer, Lock #10 Hi-Collar	4				
42	205297	. Threaded Collar 3/4-16NF	1				
43	199268	. Washer, Flat 3/4 S.A.E. Std.	1				
44	420138	. Cylinder Rod Bracket	1				
45	198046	. Screw, Hex. Hd. Cap 3/8-16NC x 1	2				
46	199325	. Washer, Lock 3/8 Std.	2				
47	34-005414	. Washer	2				

NEW DRG. S.C.L. 1-5-04
REVISIONS
S.C.L. 11-30-04
S.C.L. 7-8-07
S.C.L. 2-5-08
S.C.L. 1-28-10



NOTE:
SEE THE HMD TABLE MANUAL
FOR HYDRAULIC PARTS
OF THE TABLE.

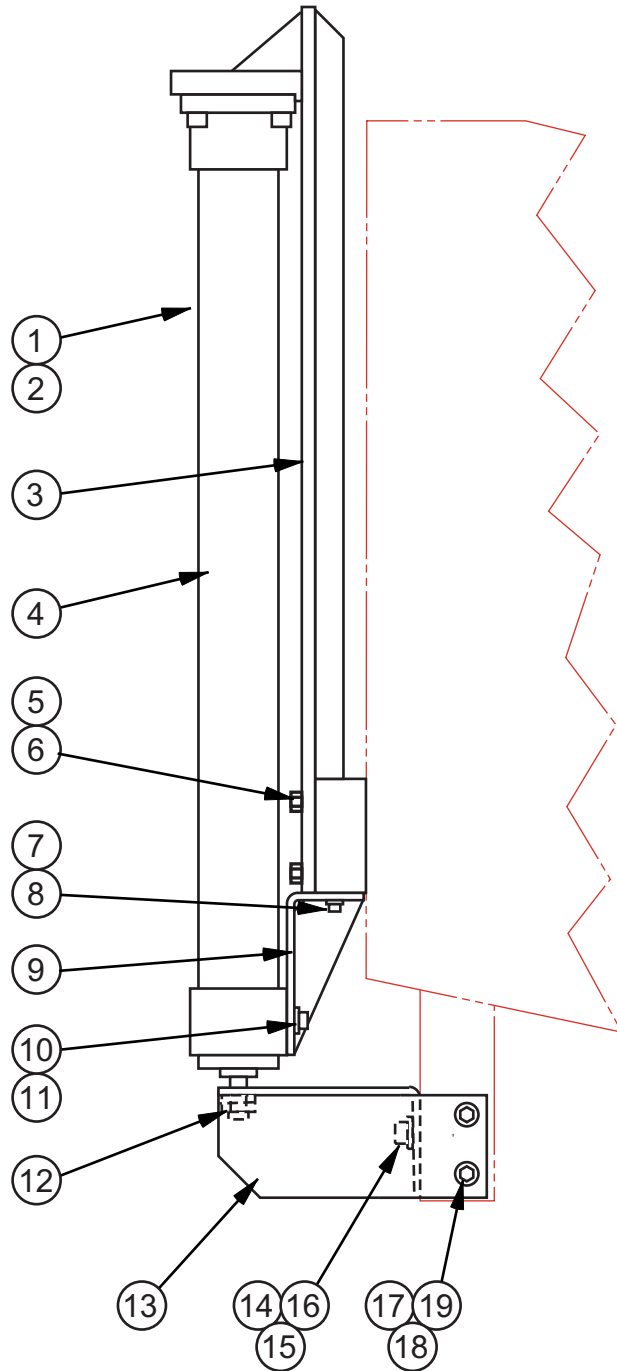
MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

HYDRAULIC ASSEMBLY (WITH HYDRAULIC TABLE)

Z - 8 - 16

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NEW DRG. S.C.L. 1-5-04
REVISIONS
S.C.L.11-23-04
S.C.L. 7-8-07
S.C.L. 10-3-08
S.C.L. 1-28-10



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

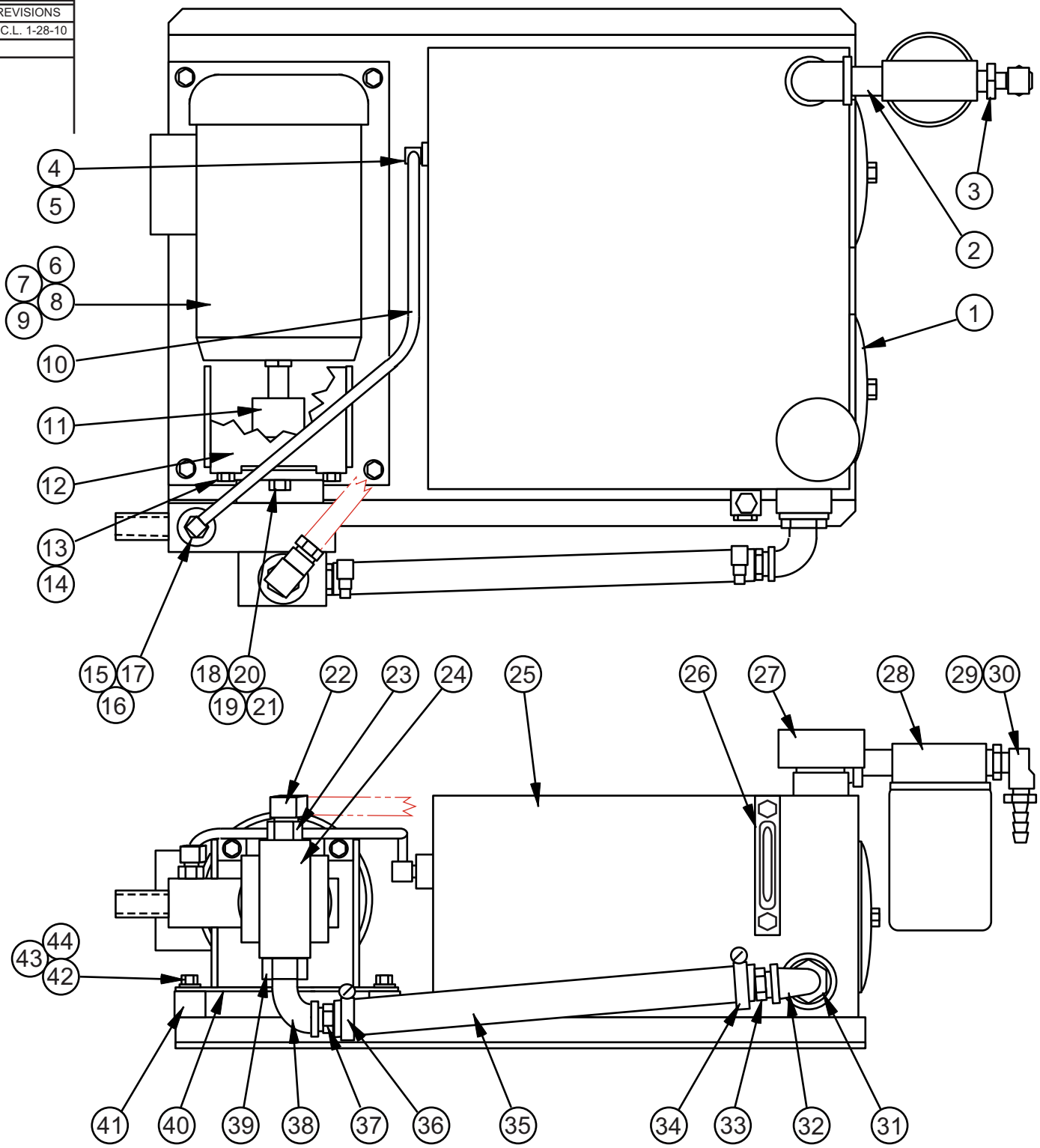
HYDRAULIC POST CYLINDER ASSEMBLY

Z - 2 - 31

HYDRAULIC POST CYLINDER ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.
Ref.	220870	Hydraulic Post Cylinder Assembly (Standard)	
Ref.	221182	Hydraulic Post Cylinder Assembly (30" Work Height)	
Ref.	221183	Hydraulic Post Cylinder Assembly (36" Work Height)	
Ref.	221128	Hydraulic Post Cylinder Assembly (42" Work Height)	
1	198260	. Screw, Soc. Hd. Cap 5/16-18NC x 1 (Standard)	4
	198280	. Screw, Soc. Hd. Cap 3/8-16NC x 1-1/4 (Extra Work Height)	4
2	199323	. Washer, Lock 5/16 Std. (Standard)	4
	199325	. Washer, Lock 3/8 Std. (Extra Work Height)	4
3	420919	. Cylinder Mounting Weldment (Standard)	1
	420977	. Cylinder Mounting Weldment (30" Work Height)	1
	420978	. Cylinder Mounting Weldment (36" Work Height)	1
	420951	. Cylinder Mounting Weldment (42" Work Height)	1
4	420917	. Post Cylinder (Standard)	1
	420975	. Post Cylinder (30" Work Height)	1
	420976	. Post Cylinder (36" Work Height)	1
	420950	. Post Cylinder (42" Work Height)	1
5	198242	. Screw, Soc. Hd. Cap 1/4-20NC x 1	4
6	199321	. Washer, Lock 1/4 Std.	4
7	198319	. Screw, Flat Hd. Soc. 1/4-20NC x 1/2 (Extra Work Height)	2
8	199374	. Washer, Lock 1/4 Shakeproof (Extra Work Height)	2
9	325977	. Bracket Weldment (Extra Work Height)	1
10	198465	. Screw, Soc. Set 1/2-13NC x 1/2 (Extra Work Height)	2
11	199377	. Washer, Lock 1/2 Shakeproof (Extra Work Height)	2
12	199147	. Nut, Hex. Jam 1-14NF (Standard)	1
	199207	. Nut, Hex. Jam 1-1/2-12NF (Extra Work Height)	2
13	420916	. Cylinder Mounting Bracket Weldment (Standard)	1
	420952	. Cylinder Mounting Bracket Weldment (Extra Work Height)	1
14	198371	. Screw, Soc. Hd. Cap 3/8-16NC x 1	1
15	199325	. Washer, Lock 3/8 Std.	1
16	199264	. Washer, Flat 3/8 S.A.E. Std.	1
17	198238	. Screw, Soc. Hd. Cap 1/4-20NC x 5/8	4
18	199321	. Washer, Lock 1/4 Std.	4
19	199260	. Washer, Flat 1/4 S.A.E. Std.	4

NEW DRG.
S.C.L. 10-3-08
REVISIONS
S.C.L. 1-28-10



MODEL	FIRST MACH.	LAST MACH.
ZV-3620	565-03101	
D-900	590-08101	

HYDRAULIC POWER UNIT ASSEMBLY

Z - 8 - 43

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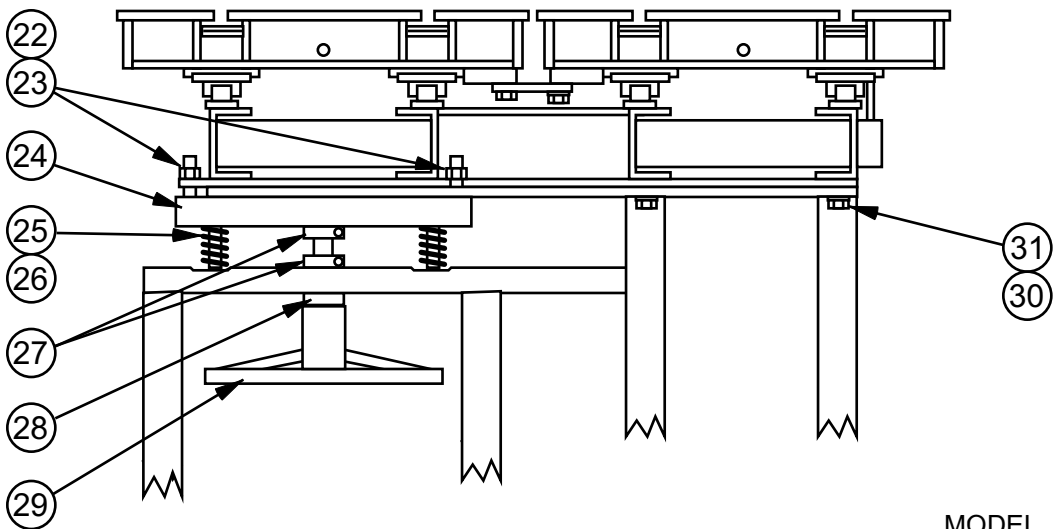
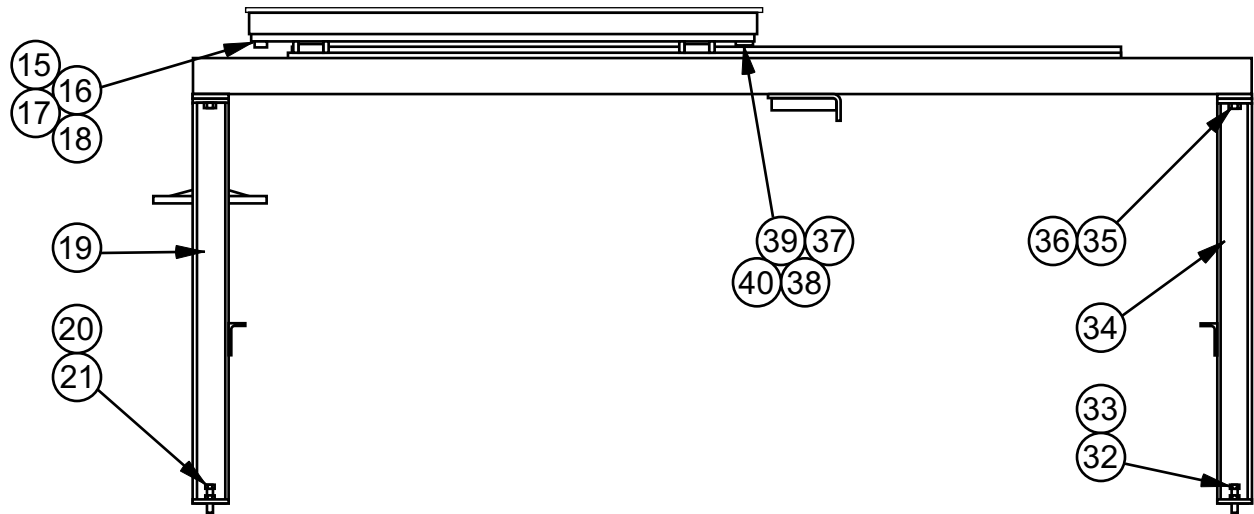
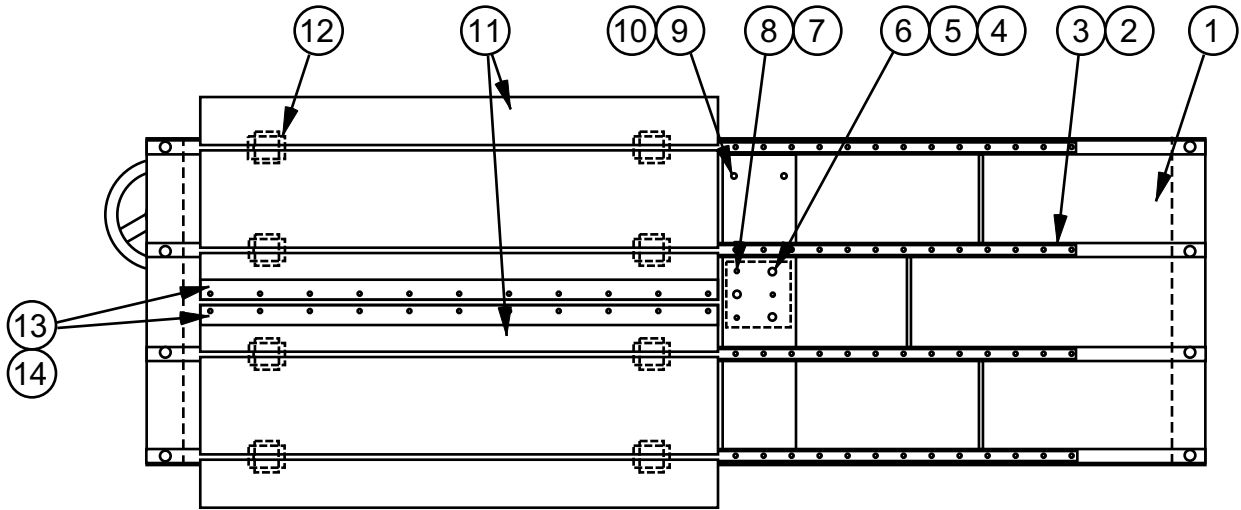
HYDRAULIC POWER UNIT ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.
Ref.	517561	Hydraulic Power Unit Assembly	
1	205673	. End Cover Assembly	2
2	005905	. Pipe Nipple	1
3	35-003509	. Reducer Bushing	1
4	120389	. 90° Barbed Insert	1
5	017902	. Hose Clamp	1
6	209621	. Electric Motor	1
	209622	. Electric Motor (575V Only)	1
7	199239	. Screw, Hex. Hd. Cap M8-1.25 x 20	4
8	199968	. Washer, Lock M8	4
9	199967	. Washer, Flat M8	4
10	197094	. Neoprene Hose 11/16 O.D. (Black)	A.R.
11	207738	. Flexible Coupling	1
12	320859	. Guard	1
13	199836	. Screw, Hex. Hd. Cap M8-1.25 x 16	2
14	199968	. Washer, Lock M8	2
15	107222	. Straight Adaptor	1
16	120389	. 90° Barbed Insert	1
17	017902	. Hose Clamp	1
18	199577	. Screw, Hex. Hd. Cap M10-1.5 x 30	2
19	199346	. Washer, Lock M10	2
20	198976	. Washer, Flat M10	2
21	199939	. Nut, Hex. M10-1.5	2
22	120903	. 90° Street Elbow (Brass)	1
23	128527	. Female Adaptor	1
24	256349	. Hydraulic Pump	1
25	516945	. Reservoir Weldment	1
26	974291	. Sight Gauge	1
27	205376	. Filler/Breather	1
	134880	. Pipe Plug (Shipping Only)	1
28	202652	. Oil Filter	1
	202653	. . Filter Element	1
29	120903	. 90° Street Elbow (Brass)	1
30	120904	. Barbed Insert (If Supplied)	1
31	205375	. Suction Strainer	1
32	002973	. 90° Street Elbow	1
33	014872	. Barbed Insert	1
34	121288	. Hose Clamp	1
35	197100	. Hydraulic Hose 1-1/8 O.D. (Black)	A.R.
36	121288	. Hose Clamp	1
37	014872	. Barbed Insert	1
38	002973	. 90° Barbed Insert	1
39	205674	. Pipe Adaptor	1
40	417943	. Bracket Weldment	1
41	205688	. Vibration Isolator	4
42	199122	. Nut, Hex. 5/16-18NC	4
43	199323	. Washer, Lock 5/16 Std.	4
44	199262	. Washer, Flat 5/16 S.A.E. Std.	4

Following Not Shown:

201030	. Transmission Fluid	A.R.
306992	. Escutcheon (Warning)	1
201180	. Escutcheon (ATF Specifications)	1

NEW DRG.
S.C.L. 10-29-99
REVISIONS
S.C.L. 7-18-07
S.C.L. 10-3-08



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

HYDRAULIC TABLE ASSEMBLY

(HMD-36)

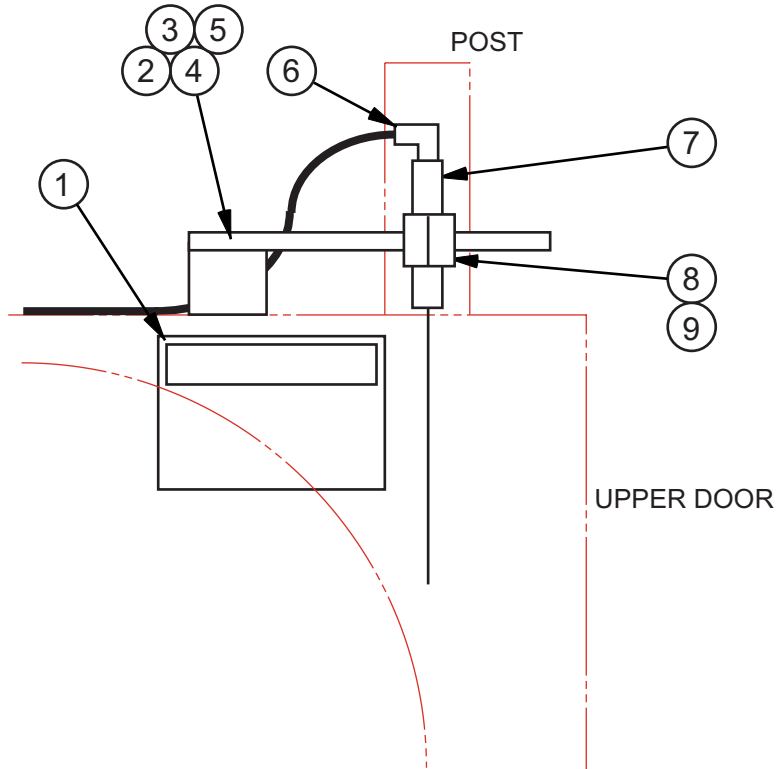
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**HYDRAULIC TABLE ASSEMBLY
(HMD-36)**

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.
Ref.	520945	Hydraulic Table Assembly (HMD-36)	
1	520946	. Table Support Frame Weldment	1
2	324009	. Linear Bearing	4
3	199041	. Screw, Soc. Hd. Cap M5-0.8 x 20	128
4	199240	. Screw, Hex. Hd. Cap M10-1.5 x 40	3
5	199346	. Washer, Lock M10	3
6	206875	. Washer	2
7	199446	. Screw, Soc. Set M10-1.5 x 40	3
8	199939	. Nut, Hex. M10-1.5	3
9	199582	. Screw, Hec. Hd. Cap M10-1.5 x 75	2
10	199939	. Nut, Hex. M10-1.5	2
11	520008	. Table Half Weldment	2
12	199041	. Screw, Soc. Hd. Cap M5-0.8 x 20	32
13	323729	. Wear Plate	2
14	199905	. Screw, Flat Hd. Soc. M6-1.0 x 16	22
15	325376	. Front Table Clamp	1
16	198046	. Screw, Hex. Hd. Cap 3/8-16NC x 1	2
17	199325	. Washer, Lock 3/8 Std.	2
18	199264	. Washer, Flat 3/8 S.A.E. Std.	2
19	518827	. Front Leg Weldment	1
20	199238	. Screw, Hex. Hd. Cap M10-1.5 x 60	2
21	199939	. Nut, Hex. M10-1.5	2
22	198620	. Screw, Soc. Set M1-1.75 x 40 (Cone Point)	2
23	199933	. Nut, Hex. M12-1.75	2
24	322367	. Table Support Bar	1
25	205187	. Screw, Soc. Hd. Shoulder M10 x 1.5 x 70 (12 mm Dia.)	2
26	212546	. Compression Spring	2
27	201366	. Threaded Collar 3/4-10NC	2
28	108749	. Thrust Ball Bearing	1
29	322369	. Handwheel Assembly	1
	313997	. . Handwheel	1
	322366	. . Screw	1
	004277	. . Spring Pin	1
30	199577	. Screw, Hex. Hd. Cap M10-1.5 x 30	2
31	199346	. Washer, Lock M10	2
32	199238	. Screw, Hex. Hd. Cap M10-1.5 x 60	2
33	199939	. Nut, Hex. M10-1.5	2
34	519879	. Rear Leg Weldment	1
35	199577	. Screw, Hex. Hd. Cap M10-1.5 x 30	4
36	199346	. Washer, Lock M10	4
37	322368	. Rear Clamp Bar	1
38	198046	. Screw, Hex. Hd. Cap 3/8-16NC x 1	4
39	199325	. Washer, Lock 3/8 Std.	4
40	199264	. Washer, Flat 3/8 S.A.E. Std.	4

NEW DRG. S.C.L. 3-17-09
REVISIONS



MODEL	FIRST MACH.	LAST MACH.
2012-VH	561-03101	
ZV-3620	565-03101	
3613-V3	568-04101	
3613-V5	569-04101	
3612-VH	570-04101	
2013-V	571-04101	
2013-V3	572-04101	
2013-V5	573-04101	
3613-1	577-04101	
2012-D12	584-08101	

LASER LINE GENERATOR ASSEMBLY

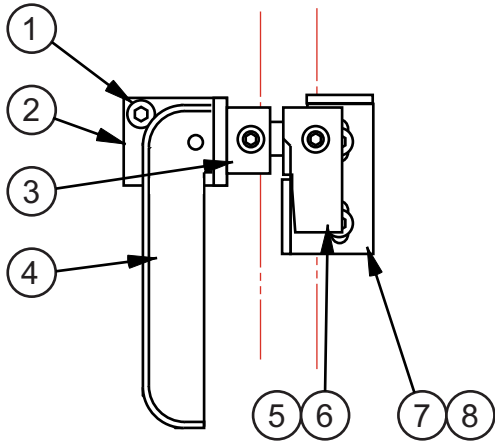
C - 10 - 65 CM - 10 - 45 Z - 10 - 33

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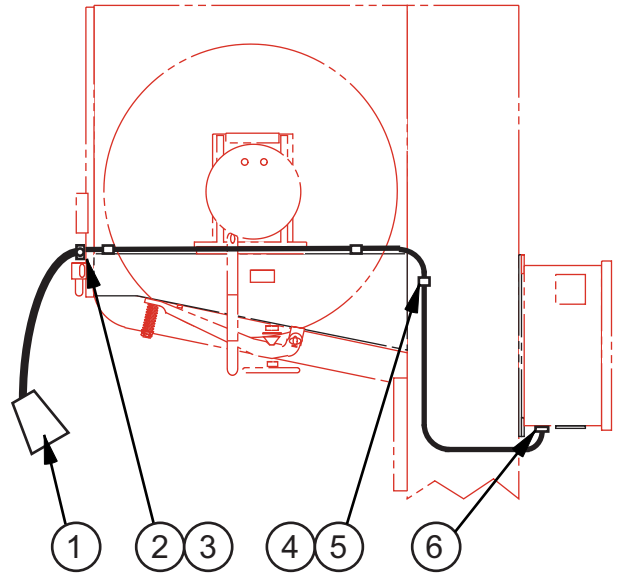
LASER LINE GENERATOR ASSEMBLY

INDEX NO. Ref.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
		Laser Line Generator Assembly	
1	212884	. Label (Caution - Laser)	1
2	326740	. Laser Mounting Bracket Weldment	1
	322740	. Laser Mounting Bracket Weldment (ZV-3620 Only)	1
3	199923	. Screw, Soc. Hd. Cap M6-1.0 x 10	2
4	199965	. Washer, Flat M6	2
5	199347	. Washer, Lock M6	2
6	222859	. Laser Cordset	1
7	223548	. Laser Line Generator (Red) (24VDC)	1
8	322650	. Laser Holder	1
9	199993	. Screw, Soc. Hd. Cap M6-1.0 x 20	2

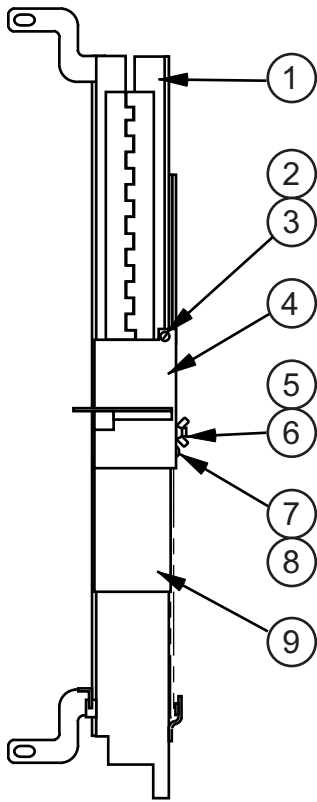
NEW DRG.
S.C.L. 1-5-04
REVISIONS
S.C.L. 11-29-04
S.C.L. 7-8-07
S.C.L. 10-3-08
S.C.L. 1-28-10



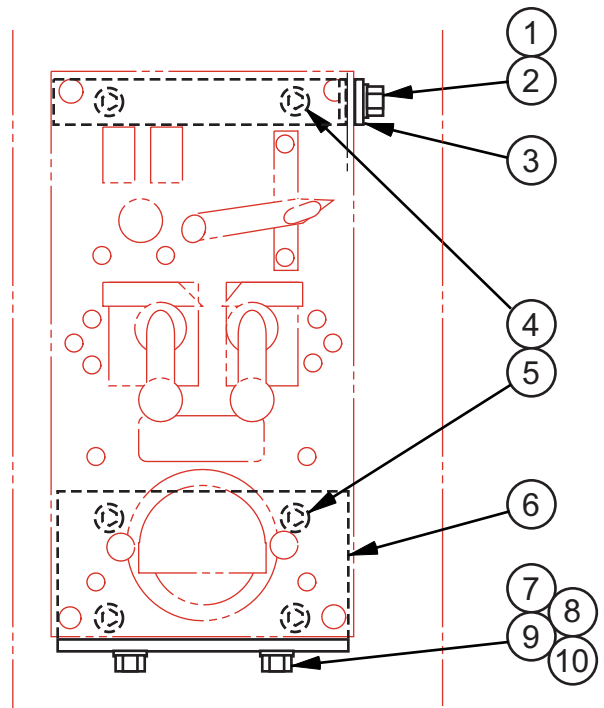
DOOR LATCH ASSEMBLY



WORKLAMP ASSEMBLY



SAW BAND GUARD ASSEMBLY



WELDER MOUNTING

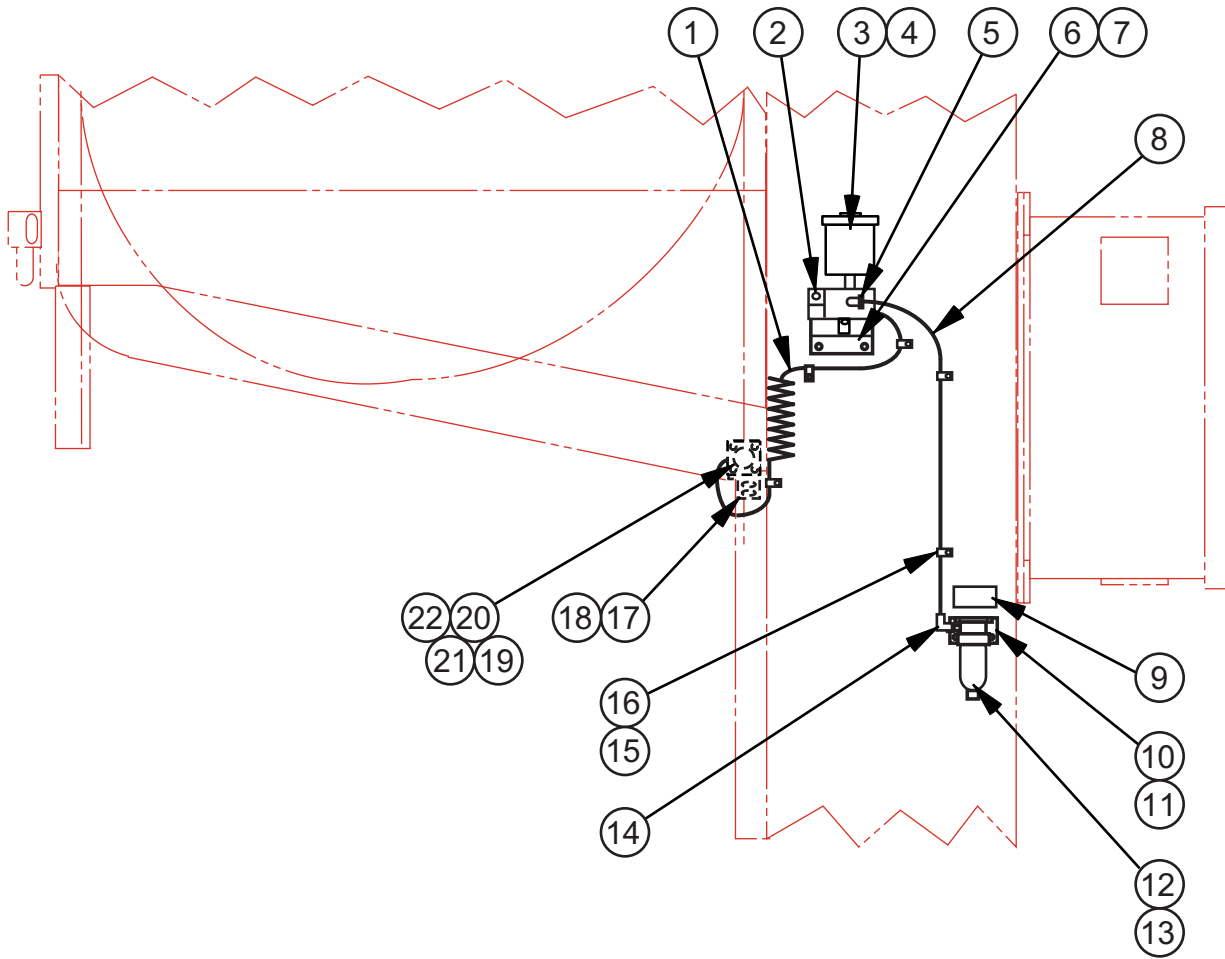
MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

MISCELLANEOUS ASSEMBLIES

MISCELLANEOUS ASSEMBLIES

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	404461	Door Latch Assembly	
1	198321	. Screw, Button Hd. Soc. #10-24NC x 3/8	2
2	122172	. Bracket	1
3	013305	. Set Screw Collar	1
4	154579	. Handle Assembly	1
	34-001104	. . Door Handle	1
	004229	. . Roll Pin	1
	132664	. . Shaft	1
5	5-002101	. Base Door Latch	1
6	198422	. Screw, Soc. Set 1/4-20NC x 1/4	1
7	122171	. Bracket	1
8	198321	. Screw, Button Hd. Soc. #10-24NC x 3/8	2
Ref.		Worklamp Assembly (Optional)	
1	221546	. Worklamp (60 Hz) Includes Bracket)	1
	1005947	. Worklight (50 Hz)	1
2	198892	. Screw, Hex. Hd. Cap 1/4-20NC x 5/16	2
3	199321	. Washer, Lock 1/4 Std.	2
4	018281	. Nylon Clamp	A.R.
5	199465	. Screw, Rd. Hd. Self-Tap #10-24NC x 3/8	A.R.
6	201688	. Cord Grip Connector (.200-.394)	1
Ref.	514144	Saw Band Guard Assembly (Standard)	
Ref.	514142	Saw Band Guard Assembly (30" Work Height)	
Ref.	514138	Saw Band Guard Assembly (36" Work Height)	
Ref.	514140	Saw Band Guard Assembly (42" Work Height)	
Ref.	517901	Saw Band Guard Assembly (Type 2 90° Saw Guide Option)	
1	514145	. Guard Weldment (Standard)	1
	514143	. Guard Weldment (30" Work Height)	1
	514139	. Guard Weldment (36" Work Height)	1
	514141	. Guard Weldment (42" Work Height)	1
	517900	. Guard Weldment (Type 2 90° Saw Guide Option)	1
2	198866	. Screw, Rd. Hd. Mach. #10-24NC x 5/16	1
3	163080	. Retaining Compound (Loctite #271)	A.R.
4	308965	. Slide and Stop Weldment (Standard)	1
	164455	. 4th Slide and Stop Weldment (Extra Work Height)	1
	407227	. Adjustable 3rd Slide (Extra Work Height)	1
	407226	. Adjustable 2nd Slide (Extra Work Height)	1
5	199155	. Nut, Wing 1/4-20NC	1
6	199260	. Washer, Flat 1/4 S.A.E. Std.	1
7	198866	. Screw, Rd. Hd. Mach. #10-24NC x 5/16	1
8	163080	. Retaining Compound (Loctite #271)	A.R.
9	506602	. Adjustable Slide (Bottom) (Standard)	1
	407225	. Adjustable Slide (Bottom) (Extra Work Height)	1
Ref.		Welder Mounting Detail	
1	198184	. Screw, Hex. Hd. Cap 3/8-16NC x 1	2
2	199325	. Washer, Lock 3/8 Std.	2
3	326042	. Upper Mounting Bracket	1
4	199759	. Screw, Soc. Hd Cap 3/8-16NC x 1 (Low Head)	6
5	199325	. Washer, Lock 3/8 Std.	6
6	326041	. Lower Mounting Bracket	1
7	198184	. Screw, Hex. Hd. Cap 3/8-16NC x 1	2
8	199325	. Washer, Lock 3/8 Std.	2
9	199264	. Washer, Flat 3/8 S.A.E. Std.	2
10	199126	. Nut, Hex. 3/8-16NC	2

NEW DRG.
S.C.L. 12-1-04
REVISIONS
S.C.L. 7-8-07
S.C.L. 10-3-08
S.C.L. 1-28-10



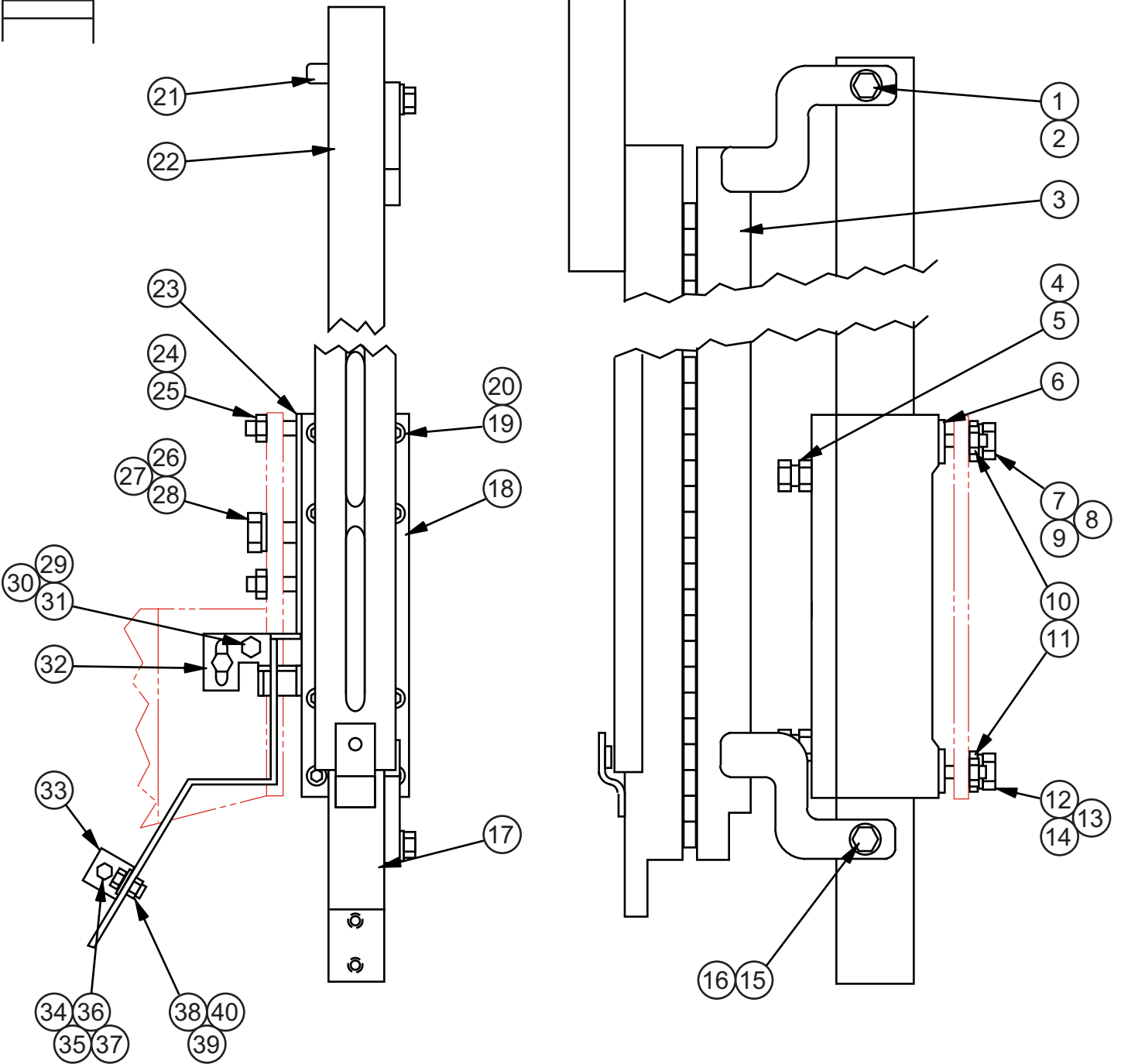
MODEL FIRST MACH. LAST MACH.
 ZV-3620 565-03101

MIST LUBRICATOR ASSEMBLY

MIST LUBRICATOR ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	221552	Mist Lubricator Assembly	
1	197143	. Plastic Tubing 1/4 O.D. (Clear)	A.R.
2	176811	. Vent Filter Breather	1
3	208833	. Lubricator (Includes Nozzle)	1
4	199824	. Screw, Soc. Hd. Cap M6-1.0 x 55	2
5	200135	. 90° Swivel Male Elbow	1
6	214906	. Bracket	1
7	199246	. Screw, Button Hd. Soc. M6-1.0 x 12	2
8	197438	. Polyethelene Tubing 1/4 O.D. (Blue)	A.R.
9	176879	. Escutcheon (Air Supply)	1
10	324821	. Mounting Bracket	1
11	199299	. Screw, Self-Drilling M4.8 x 13	2
12	217843	. Air Filter (Parker)	1
13	217844	. . Filter Element	1
14	200135	. 90° Swivel Male Elbow	1
15	209458	. Clip Half	4
16	199974	. Screw, Button Hd. Soc. M5-0.8 x 10	4
17	221551	. Bracket	1
18	199969	. Screw, Button Hd. Soc. M6-1.0 x 10	2
19	208833	. Lubricator Nozzle	1
20	199969	. Screw, Button Hd. Soc. M6-1.0 x 10.....	4
21	199188	. Nut, Hex. M6-1.0	4
22	200135	. 90° Swivel Male Elbow	1
Following Not Shown:			
	201688	. Cord Grip Connector (.200-.394)	1
	106966	. Cable Tie (4")	A.R.
	015780	. Rubber Grommet	3

NEW DRG.
S.C.L. 1-5-04
REVISIONS
S.C.L. 11-29-04
S.C.L. 7-8-07
S.C.L. 10-3-08
S.C.L. 1-28-10



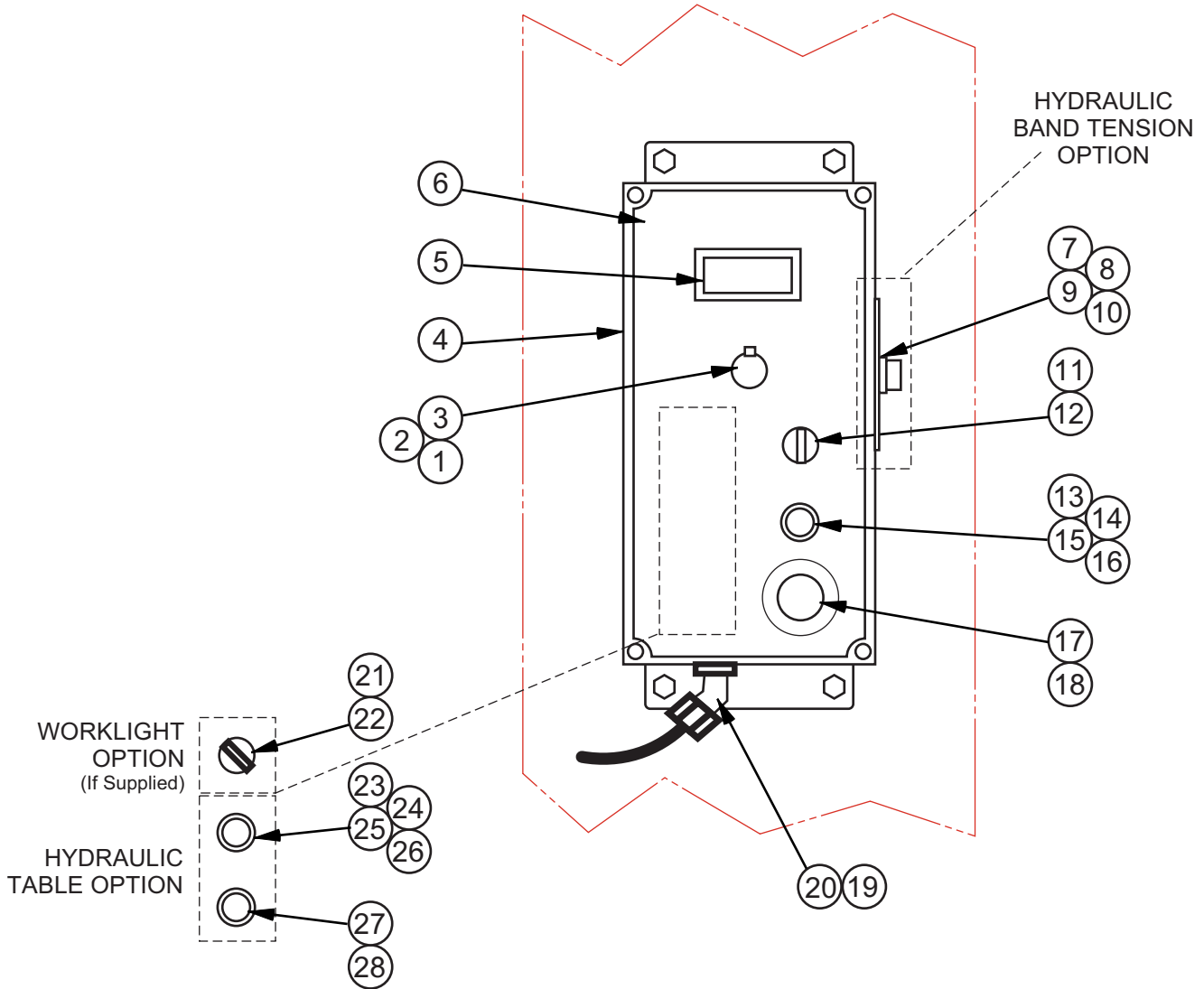
MODEL FIRST MACH. LAST MACH.
 ZV-3620 565-03101

POST ASSEMBLY

POST ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	221885	Post Assembly (Standard)	
Ref.	221353	Post Assembly (30" Work Height)	
Ref.	221354	Post Assembly (36" Work Height)	
Ref.	221355	Post Assembly (42" Work Height)	
1	198044	. Screw, Hex. Hd. Cap 3/8-16NC x 3/4	1
2	199264	. Washer, Flat 3/8 S.A.E. Std.	1
3	514144	. Saw Band Guard Assembly (Standard) (See Detail)	1
	514142	. Saw Band Guard Assembly (30" Work Height) (See Detail)	1
	514138	. Saw Band Guard Assembly (36" Work Height) (See Detail)	1
	514140	. Saw Band Guard Assembly (42" Work Height) (See Detail)	1
4	003310	. Screw, Hex. Hd. Cap 3/8-16NC x 1-1/4	2
5	199126	. Nut, Hex. 3/8-16NC	2
6	011855	. Bearing Plate	2
7	198066	. Screw, Hex. Hd. Cap 1/2-13NC x 1-1/4	1
8	199327	. Washer, Lock 1/2 Std.	1
9	34-013402	. Washer	1
10	198440	. Screw, Soc. Set 5/16-18NC x 1	4
11	199123	. Nut, Hex. Jam 5/16-18NC	4
12	198066	. Screw, Hex. Hd. Cap 1/2-13NC x 1-1/4	1
13	199327	. Washer, Lock 1/2 Std.	1
14	34-013402	. Washer	1
15	198044	. Screw, Hex. Hd. Cap 3/8-16NC x 3/4	1
16	199264	. Washer, Flat 3/8 S.A.E. Std.	1
17	221886	. Post Sub-Assembly (Standard)	1
	221887	. Post Sub-Assembly (30" Work Height)	1
	221888	. Post Sub-Assembly (36" Work Height)	1
	221889	. Post Sub-Assembly (42" Work Height)	1
18	002747	. . Post Block Plate	1
19	198257	. . Screw, Soc. Hd. Cap 5/16-18NC x 5/8	8
20	001993	. . Washer, Lock 5/16 Hi-Collar	8
21	014381	. . Pin (Extra Work Height Only)	1
22	020967	. . Post (Standard)	1
	407177	. . Post (30" Work Height)	1
	407178	. . Post (36" Work Height)	1
	407179	. . Post (42" Work Height)	1
23	020965	. . Post Block	1
24	198440	. Screw, Soc. Set 5/16-18NC x 1	2
25	199123	. Nut, Hex. Jam 5/16-18NC	2
26	198066	. Screw, Hex. Hd. Cap 1/2-13NC x 1-1/4	1
27	199327	. Washer, Lock 1/2 Std.	1
28	004615	. Spacer	1
29	198006	. Screw, Hex. Hd. Cap 1/4-20NC x 1/2	1
30	199321	. Washer, Lock 1/4 Std.	1
31	199260	. Washer, Flat 1/4 S.A.E. Std.	1
32	308968	. Post Guard Stop Weldment	1
33	162924	. Bracket	1
34	198006	. Screw, Hex. Hd. Cap 1/4-20NC x 1/2	1
35	199260	. Washer, Flat 1/4 S.A.E. Std.	1
36	199321	. Washer, Lock 1/4 Std.	1
37	199176	. Nut, Hex. 1/4-20NC	1
38	198006	. Screw, Hex. Hd. Cap 1/4-20NC x 1/2	1
39	199321	. Washer, Lock 1/4 Std.	1
40	199176	. Nut, Hex. 1/4-20NC	1

NEW DRG. S.C.L. 11-22-04
REVISIONS
S.C.L. 7-8-07
S.C.L. 10-3-08
S.C.L. 1-28-10

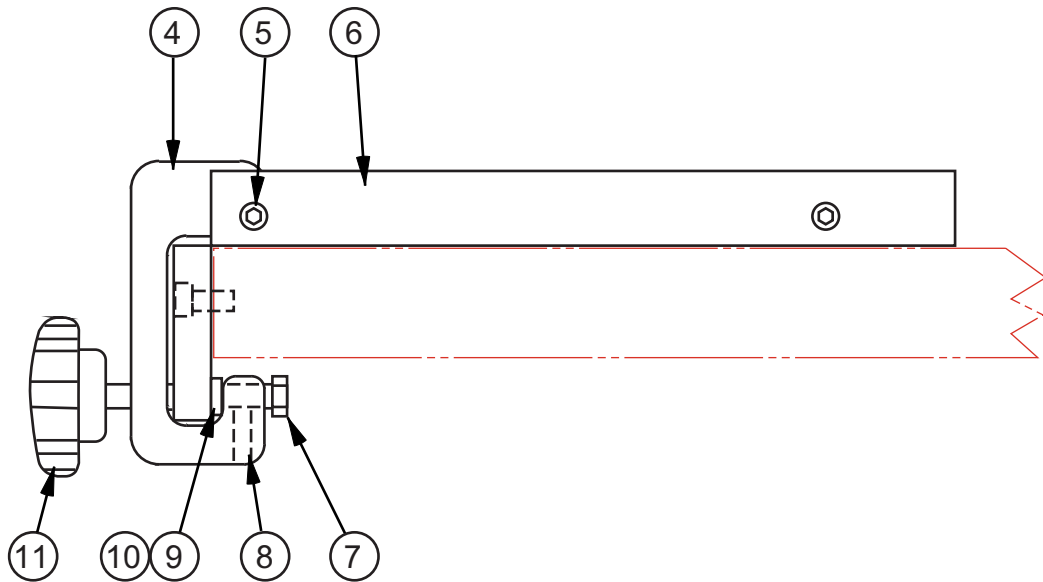
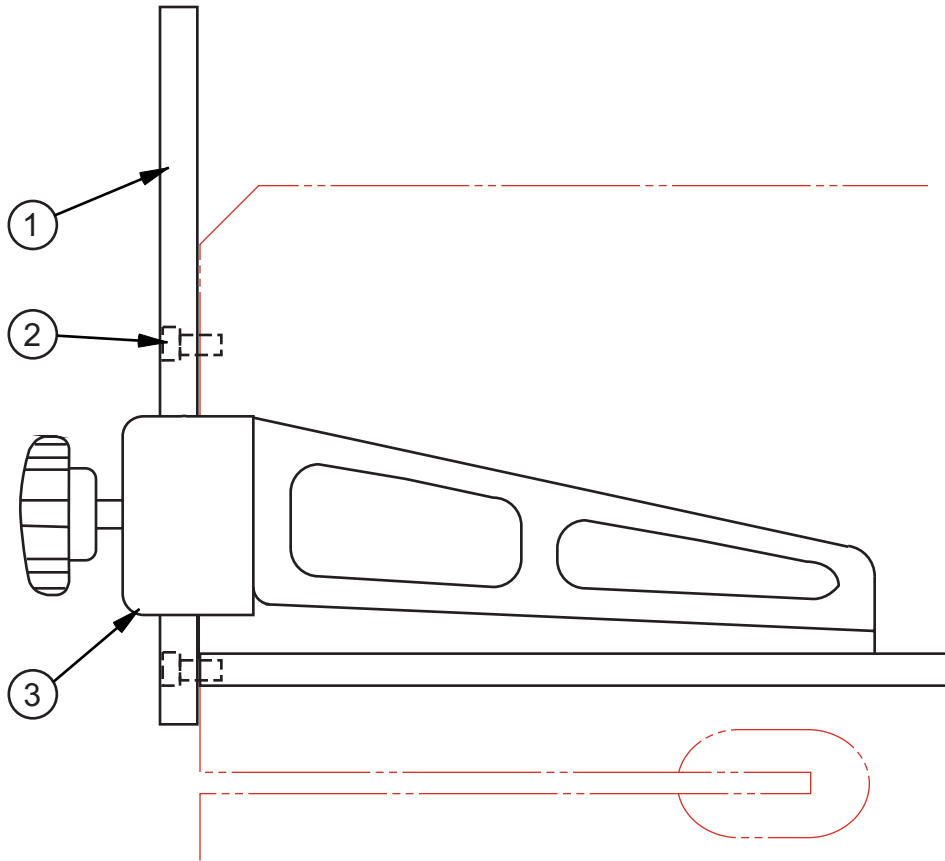


EARLY MACHINES HAD THESE CONTROLS FOR THE OPTIONAL WORKLIGHT AND HYDRAULIC TABLE.

MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

PUSHBUTTON STATION DETAIL

NEW DRG. S.C.L. 1-5-04
REVISIONS
S.C.L. 11-29-04
S.C.L. 7-8-07
S.C.L. 10-3-08
S.C.L. 1-28-10



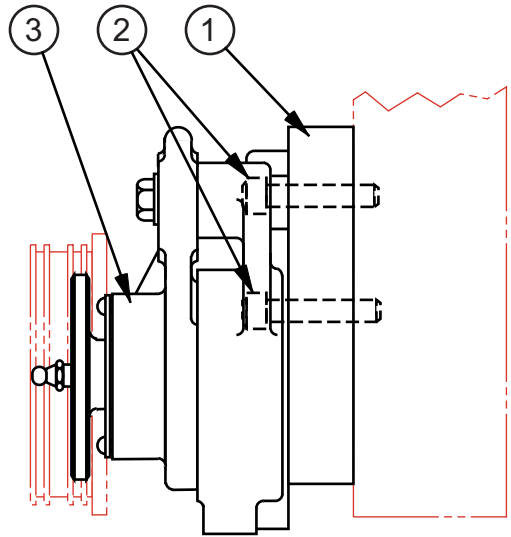
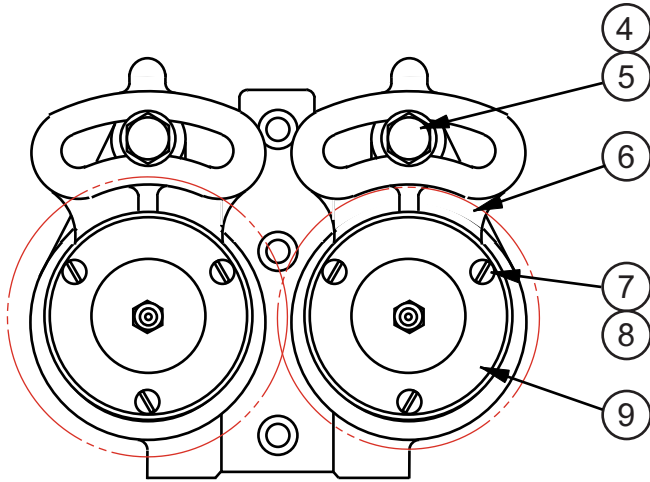
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ZV-3620 565-03101

RIP FENCE ASSEMBLY

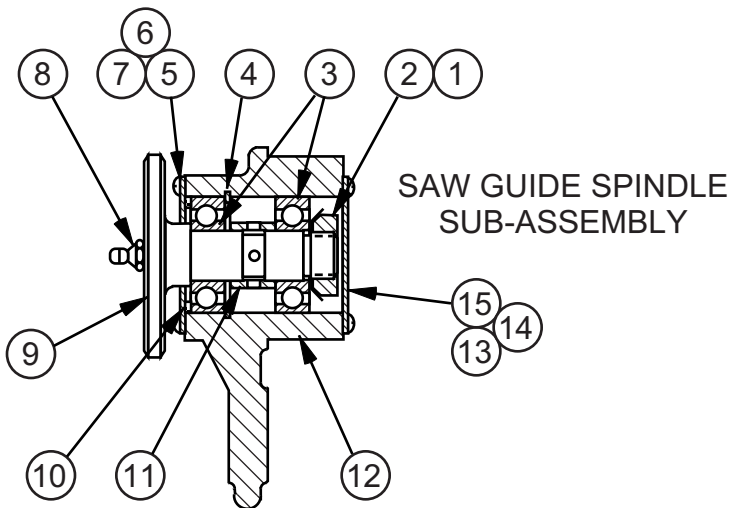
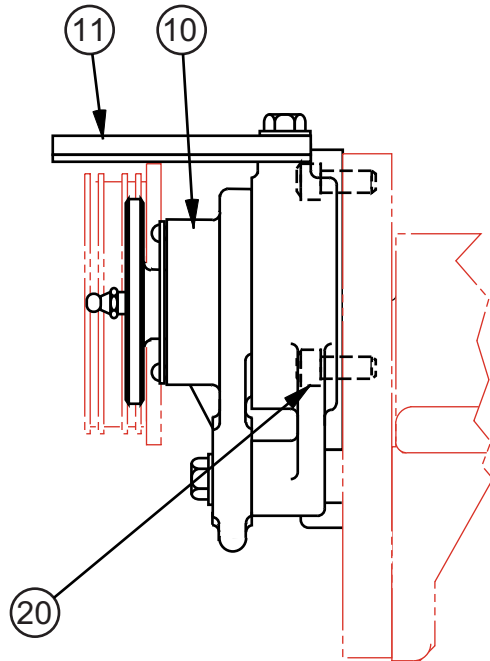
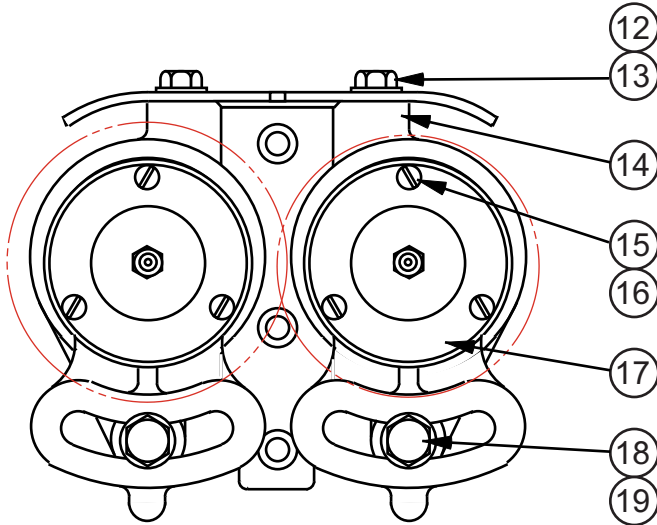
RIP FENCE ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	35-000542	Rip Fence Assembly	
1	11-016302	. Clamp Guide	1
2	198278	. Screw, Soc. Hd. Cap 3/8-16NC x 3/4	2
	34-005414	. Spacer Washer (If Supplied)	2
3	35-005178	. Rip Fence Sub-Assembly	1
4	35-000544	. . Clamp	1
5	198278	. . Screw, Soc. Hd. Cap 3/8-16NC x 3/4	2
6	35-000546	. . Work Guide	1
7	5-016403	. . Clamp Bar Screw	2
8	198425	. . Screw, Soc. Set 1/4-20NC x 1/2	2
9	5-016303	. . Clamp Bar	1
10	346504	. . Spring Clip	2
11	117670	. . Handwheel Assembly	1
Following Not Shown:			
	203556	. Tag (Rip Fence Alignment)	1

NEW DRG.
S.C.L. 1-5-04
REVISIONS
S.C.L. 11-29-04
S.C.L. 7-8-07
S.C.L. 10-3-08
S.C.L. 1-28-10



SEE CHART FOR
SIDE AND BACK-UP ROLLERS



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

SAW GUIDE ASSEMBLY (HIGH SPEED ROLLER)

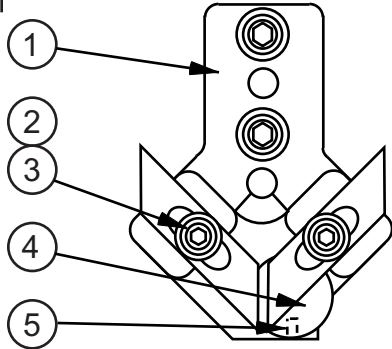
SAW GUIDE ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.
Ref.	040143	Saw Guide Assembly (High Speed Roller)	
1	003842	. Upper Adaptor	1
2	198262	. Screw, Soc. Hd. Cap 5/16-18NC x 1-1/2	2
3	35-001579	. Upper Saw Guide Assembly	1
4	198040	.. Screw, Hex. Hd. Cap 5/16-24NF x 1	2
5	199263	.. Washer, Flat 5/16 S.A.E. Std.	2
6	040352	.. Guide Block	1
7	198698	.. Screw, Fil. Hd. Mach. #10-24NC x 1/2	6
8	199319	.. Washer, Lock #10 Std.	6
9	35-005312	.. Saw Guide Spindle Sub-Assembly (See Detail)	2
10	35-004627	. Lower Saw Guide Assembly	1
11	002533	.. Baffle Plate	1
12	198038	.. Screw, Hex. Hd. Cap 5/16-18NC x 1/2	2
13	199323	.. Washer, Lock 5/16 Std.	2
14	040352	.. Guide Block	1
15	198698	.. Screw, Fil. Hd. Mach. #10-24NC x 1/2	6
16	199319	.. Washer, Lock #10 Std.	6
17	35-005312	.. Saw Guide Spindle Sub-Assembly (See Detail)	2
18	198040	.. Screw, Hex. Hd. Cap 5/16-24NF x 1	2
19	199263	.. Washer, Flat 5/16 S.A.E. Std.	2
20	198258	. Screw, Soc. Hd. Cap 5/16-18NC x 3/4	2
21	002159	. Lower Adaptor	1
22	198278	. Screw, Soc. Hd. Cap 3/8-16NC x 3/4	2
	199571	. Hex. Key 5/16" (Not Shown)	1
Ref.	35-005312	. Saw Guide Spindle Sub-Assembly	
1	7-001580	.. Bearing Locknut	1
2	7-001581	.. Bearing Lockwasher	1
3	35-007342	.. Ball Bearing	2
4	002534	.. Retaining Ring	1
5	35-001585	.. Front Bearing Cap	1
6	35-001586	.. Gasket	1
7	198838	.. Screw, Rd. Hd. Mach. #6-32NC x 1/4	8
8	35-001775	.. Grease Fitting	1
9	35-008557	.. Spindle	1
10	35-007341	.. Spacer	1
11	35-007340	.. Spacer	1
12	020540	.. Bearing Housing	1
13	35-001588	.. Rear Bearing Cap	1
14	35-001586	.. Gasket	1
15	198838	.. Screw, Rd. Hd. Mach. #6-32NC x 1/4	8

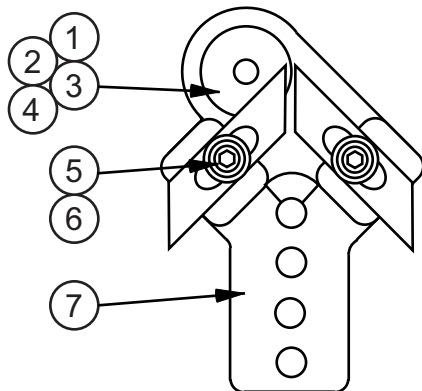
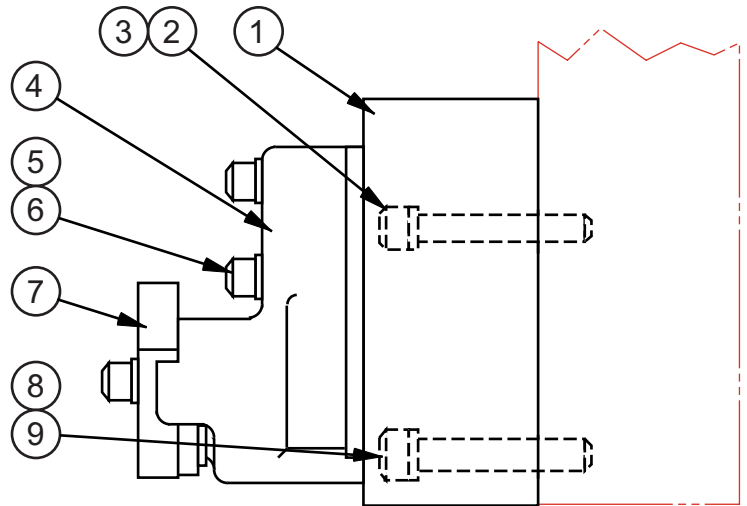
ROLLER SELECTION CHART (Specify Quantity)

Side Roller Part No.	If Using Dart® Band	Band Size (mm)	Back-Up Roller Part No.	If Using Dart® Band
35-003206		1/4" (6.4)	35-003207	
35-003298		3/8" (9.5)	35-003297	
35-003200		1/2" (12.7)	35-003201	
35-003300		5/8" (15.9)	35-003299	
35-003204		3/4" (19.0)	35-003205	
35-003202	319065	1" (25.4)	35-003203	319066
023608	319067	1-1/4" (31.4)	023609	319068
35-007183	319069	1-1/2" (38.1)	35-007184	319071
35-006265		1-3/4" (44.4)	35-006264	
35-004724	319072	2" (50.8)	35-004723	319073

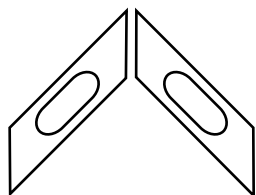
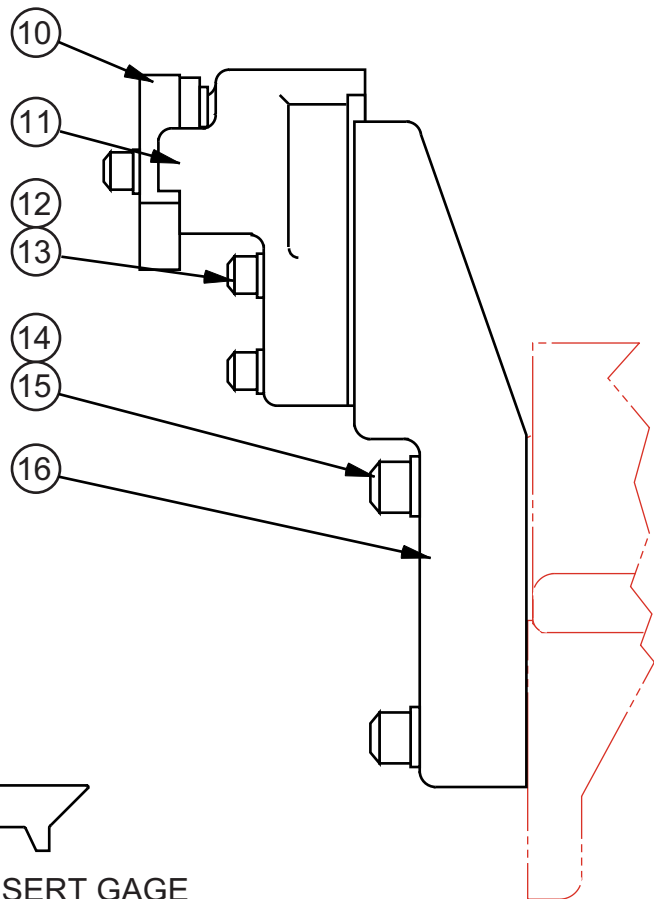
NEW DRG.
S.C.L. 1-5-04
REVISIONS
S.C.L. 11-29-04
S.C.L. 7-8-07
S.C.L. 10-3-08
S.C.L. 1-28-10



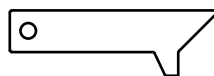
SAW GUIDE BLOCK SUB-ASSEMBLY
(1/2" SAW BAND)



SAW GUIDE BLOCK SUB-ASSEMBLY
(3/4" and 1" SAW BANDS)



SAW GUIDE INSERTS



SAW GUIDE INSERT GAGE

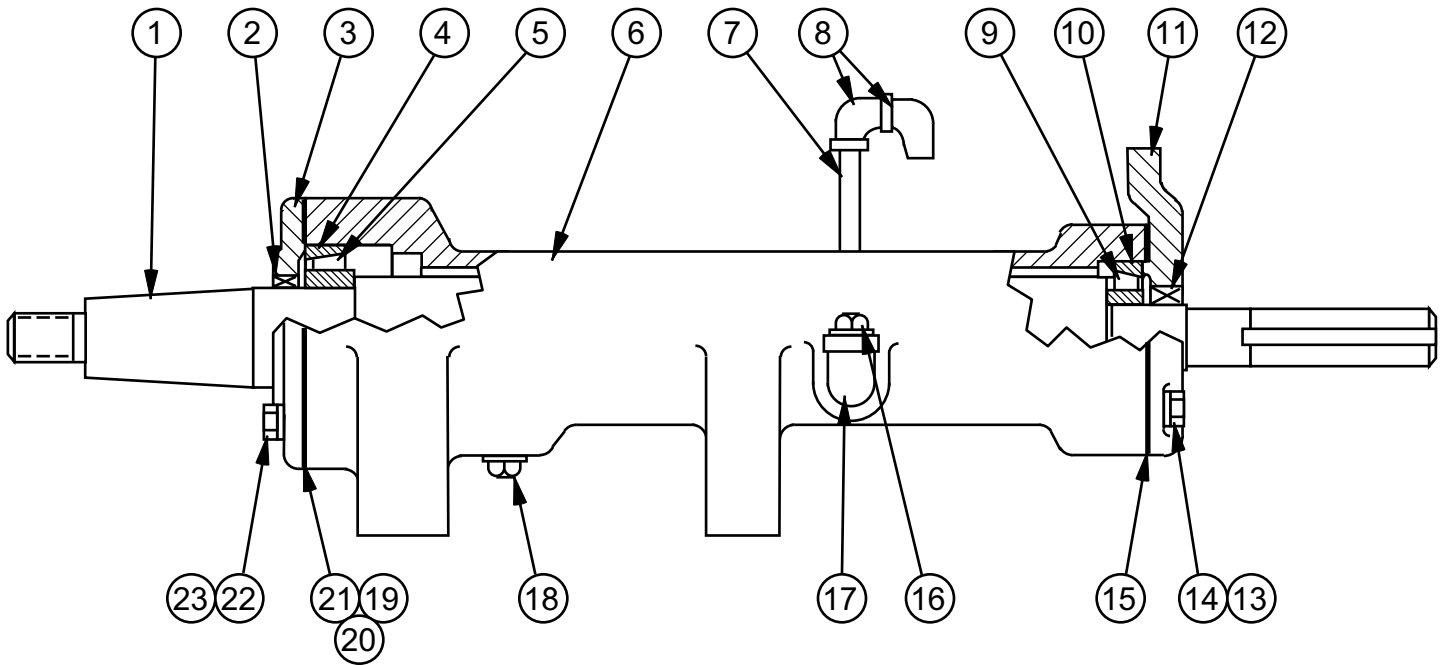
MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

SAW GUIDE ASSEMBLY (INSERT TYPE)

SAW GUIDE ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.
Ref.	044927	Saw Guide Assembly (Insert Type)	
1	027867	. Upper Spacer	1
2	198263	. Screw, Soc. Hd. Cap 5/16-18NC x 1-3/4	1
3	001993	. Washer, Lock 5/16 Hi-Collar	1
4	011508	. Saw Guide Block Sub-Assembly (1/2" Band) (See Detail)	1
	011543	. Saw Guide Block Sub-Assembly (3/4" Band) (See Detail)	1
	011542	. Saw Guide Block Sub-Assembly (1" Band) (See Detail)	1
5	198245	. Screw, Soc. Hd. Cap 1/4-20NC x 1-1/2	2
6	199321	. Washer, Lock 1/4 Std.	2
7	101826	. Saw Guide Insert Pack (See Below)	1
8	198282	. Screw, Soc. Hd. Cap 3/8-16NC x 1-3/4	1
9	005150	. Washer, Lock 3/8 Hi-Collar	1
10	101826	. Saw Guide Insert Pack (See Below)	1
11	011508	. Saw Guide Block Sub-Assembly (1/2" Band) (See Detail)	1
	011543	. Saw Guide Block Sub-Assembly (3/4" Band) (See Detail)	1
	011542	. Saw Guide Block Sub-Assembly (1" Band) (See Detail)	1
12	198245	. Screw, Soc. Hd. Cap 1/4-20NC x 1-1/2	2
13	199321	. Washer, Lock 1/4 Std.	2
14	198281	. Screw, Soc. Hd. Cap 3/8-16NC x 1-1/2	2
15	199325	. Washer, Lock 3/8 Std.	2
16	027862	. Lower Spacer	1
	199570	. Hex. Key (1/4") (Not Shown)	1
Ref.	011508	. Saw Guide Block Sub-Assembly (1/2" Band)	
1	025246	.. Saw Guide Block	1
2	198239	.. Screw, Soc. Hd. Cap 1/4-20NC x 3/4	2
3	34-008502	.. Insert Washer	2
4	34-008009	.. Saw Guide Bearing Sub-Assembly	1
	34-008418	... Shaft	1
	35-009043	... Ball Bearing	1
	34-008309	... Roller Seal	1
	34-008312	... Washer (.010)	1
5	198501	.. Screw, Soc. Set #8-32NC x 1/4	1
Ref.	001543	. Saw Guide Block Sub-Assembly (3/4" Band)	
Ref.	011542	. Saw Guide Block Sub-Assembly (1" Band)	
1	011540	.. Bearing Cap	1
2	011541	.. Retaining Ring	1
3	011529	.. Ball Bearing	2
4	200306	.. Spacer	1
5	198242	.. Screw, Soc. Hd. Cap 1/4-20NC x 1 (3/4" Band)	2
	198244	.. Screw, Soc. Hd. Cap 1/4-20NC x 1-1/4 (1" Band)	2
6	34-008502	.. Insert Washer	2
7	025258	.. Saw Guide Block (3/4" Band)	1
	025257	.. Saw Guide Block (1" Band)	1
Ref.	101826	. Saw Guide Insert Pack	
	003959	.. Saw Guide Insert (1/2" Band)	4
	003957	.. Saw Guide Insert (3/4" Band)	4
	003956	.. Saw Guide Insert (1" Band)	4
	34-008320	.. Insert Gauge (.025)	1
	13-008303	.. Insert Gauge (.032)	1
	13-008307	.. Insert Gauge (.035)	1
	34-008506	.. Box (for Inserts and Gages)	1

NEW DRG. S.C.L. 1-5-04
REVISIONS
S.C.L. 11-29-04
S.C.L. 10-3-08

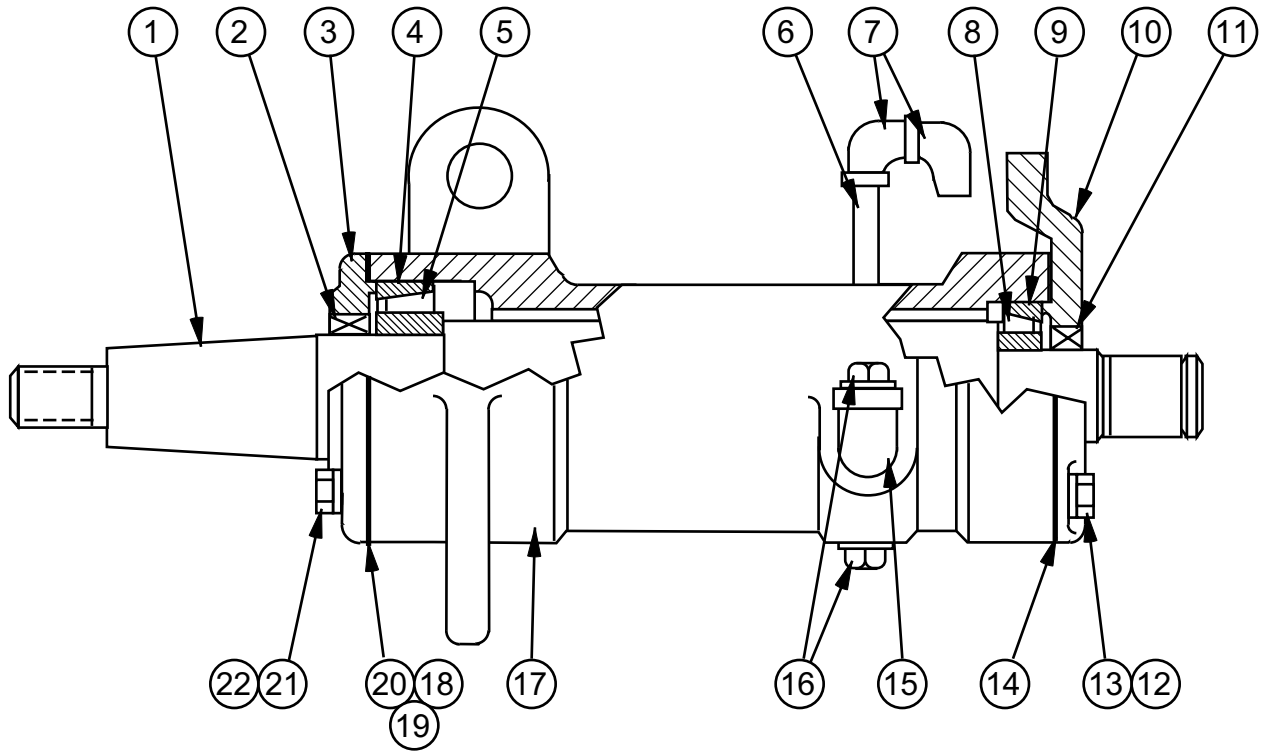


MODEL	FIRST MACH.	LAST MACH.
ZV-3620	565-03101	
D-900	590-08101	

SPINDLE ASSEMBLY (LOWER)

Z - 4 - 18

NEW DRG. S.C.L. 1-5-04
REVISIONS
S.C.L.11-29-04
S.C.L. 10-3-08



MODEL FIRST MACH. LAST MACH.
 ZV-3620 565-03101
 D-900 590-08101

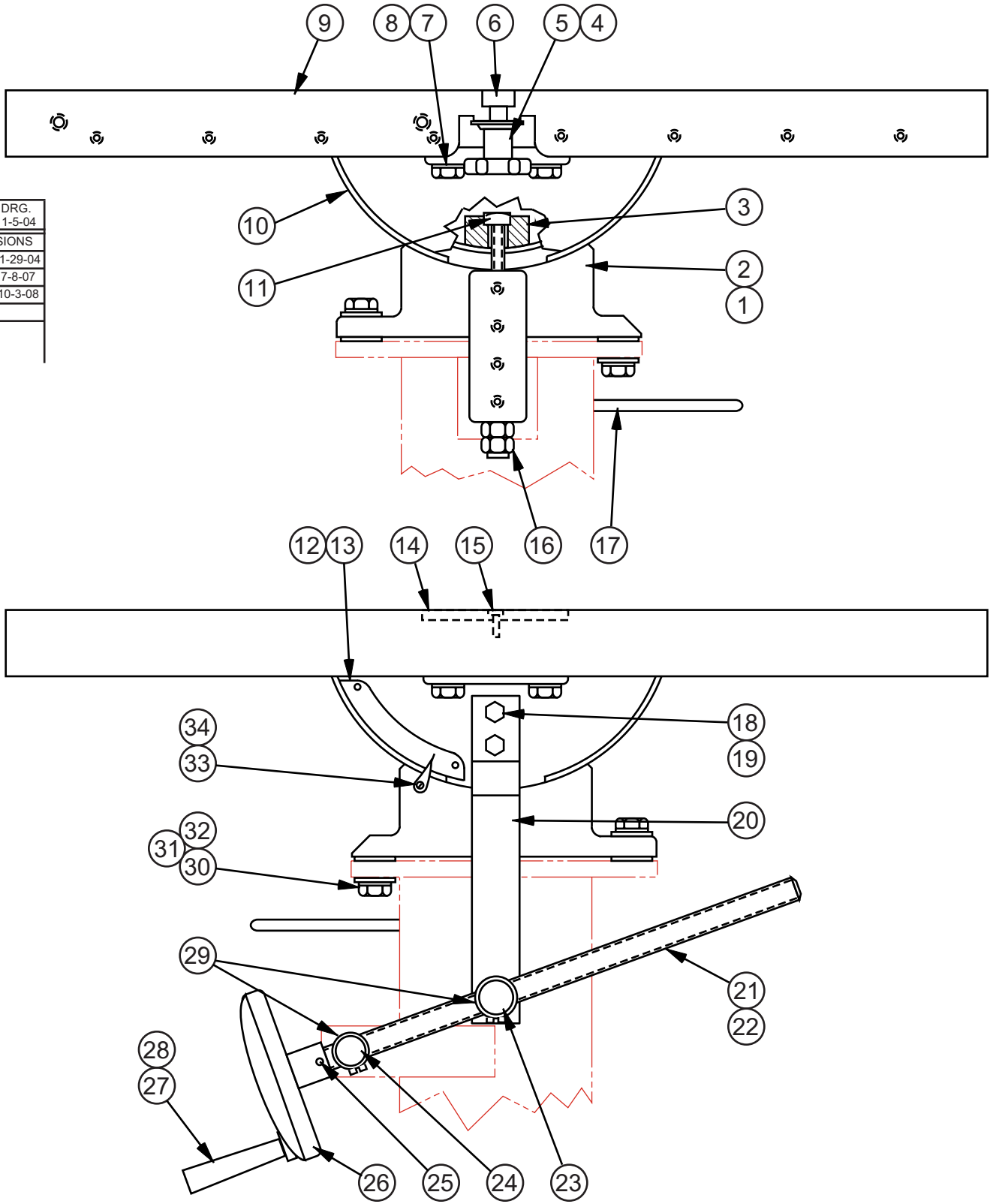
SPINDLE ASSEMBLY
 (UPPER)

Z - 2 - 35

SPINDLE ASSEMBLY

INDEX NO. Ref.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
	022787	Spindle Assembly (Upper)	
1	021437	. Spindle Shaft	1
2	35-001961	. Oil Seal	1
3	021459	. Bearing Cap	1
4	35-004226	. Bearing Cup	1
5	004852	. Bearing Cone	1
6	14-000449	. Pipe Nipple	1
7	5-004520	. 90° Street Elbow	2
8	35-009265	. Bearing Cone	1
9	35-009266	. Bearing Cup	1
10	022752	. Brake Adaptor Cap	1
11	35-009250	. Oil Seal	1
12	198045	. Screw, Hex. Hd. Cap 3/8-16NC x 7/8	4
13	199325	. Washer, Lock 3/8 Std.	4
14	35-009276	. Bearing Cap Gasket	1
15	14-000347	. 90° Street Elbow	1
16	113737	. Pipe Plug	2
17	040350	. Spindle Housing	1
18	133145	. Shim (.005)	A.R.
19	133146	. Shim (.007)	A.R.
20	133147	. Shim (.020)	A.R.
21	198045	. Screw, Hex. Hd. Cap 3/8-16NC x 7/8	4
22	199325	. Washer, Lock 3/8 Std.	4

NEW DRG.
S.C.L. 1-5-04
REVISIONS
S.C.L. 11-29-04
S.C.L. 7-8-07
S.C.L. 10-3-08



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

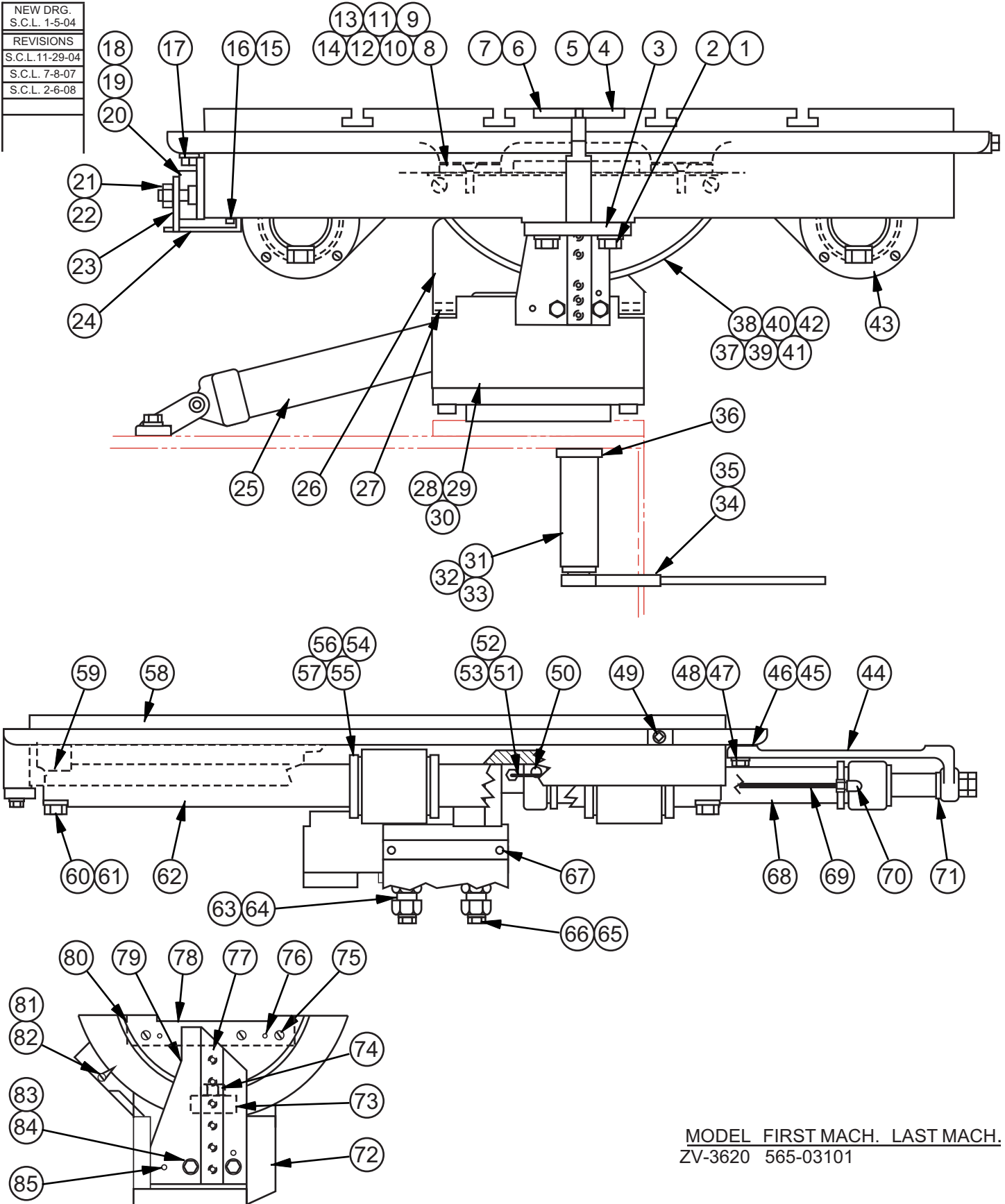
TABLE AND TRUNNION ASSEMBLY

Z - 3 - 34

TABLE AND TRUNNION ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	35-009240	Table and Trunnion Assembly	
1	050377	. Cradle	1
2	14-000473	. Dowel Pin	2
3	35-009246	. Block	1
4	5-003005	. Handwheel Assembly	2
	003328	. . Handwheel	1
	004257	. . Spring Pin	1
	003327	. . Stud	1
5	34-003316	. Guard	1
6	35-007318	. Filler Plate	1
7	198065	. Screw, Hex. Hd. Cap 1/2-13NC x 1	4
8	199327	. Washer, Lock 1/2 Std.	4
9	050591	. Table	1
10	35-009242	. Trunnion	1
11	199092	. Bolt, Square Hd. Mach. 1/2-13NC x 7	1
12	001320	. Quadrant Plate (Protractor)	1
13	199397	. Screw, Rd. Hd. Drive #2 x 1/4	2
14	003866	. Center Plate	1
15	198210	. Screw, Soc. Hd. Cap #8-32NC x 3/8	3
16	199132	. Nut, Hex. Jam 1/2-13NC	2
17	35-009245	. Lock Lever	1
18	198046	. Screw, Hex. Hd. Cap 3/8-16NC x 1	2
19	199325	. Washer, Lock 3/8 Std.	2
20	003464	. Arm	1
21	35-005495	. Table Tilt Handwheel Assembly	1
22	35-009294	. . Tilt Screw	1
23	35-009801	. . Tilt Arm Pivot	1
24	003463	. . Pin	1
25	004260	. . Spring Pin	1
26	35-000447	. . Handwheel	1
27	118116	. . Handle	1
28	118117	. . Pin	1
29	35-007558	. Retaining Ring (External)	2
30	198067	. Screw, Hex. Hd. Cap 1/2-13NC x 1-1/2	4
31	199327	. Washer, Lock 1/2 Std.	4
32	199266	. Washer, Flat 1/2 S.A.E. Std.	8
33	34-003315	. Pointer	1
34	198816	. Screw, Pan Hd. Mach. #6-32NC x 1/4	1

NEW DRG.	S.C.L. 1-5-04
REVISIONS	
S.C.L. 11-29-04	
S.C.L. 7-8-07	
S.C.L. 2-6-08	



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

TABLE ASSEMBLY
(HYDRAULIC)

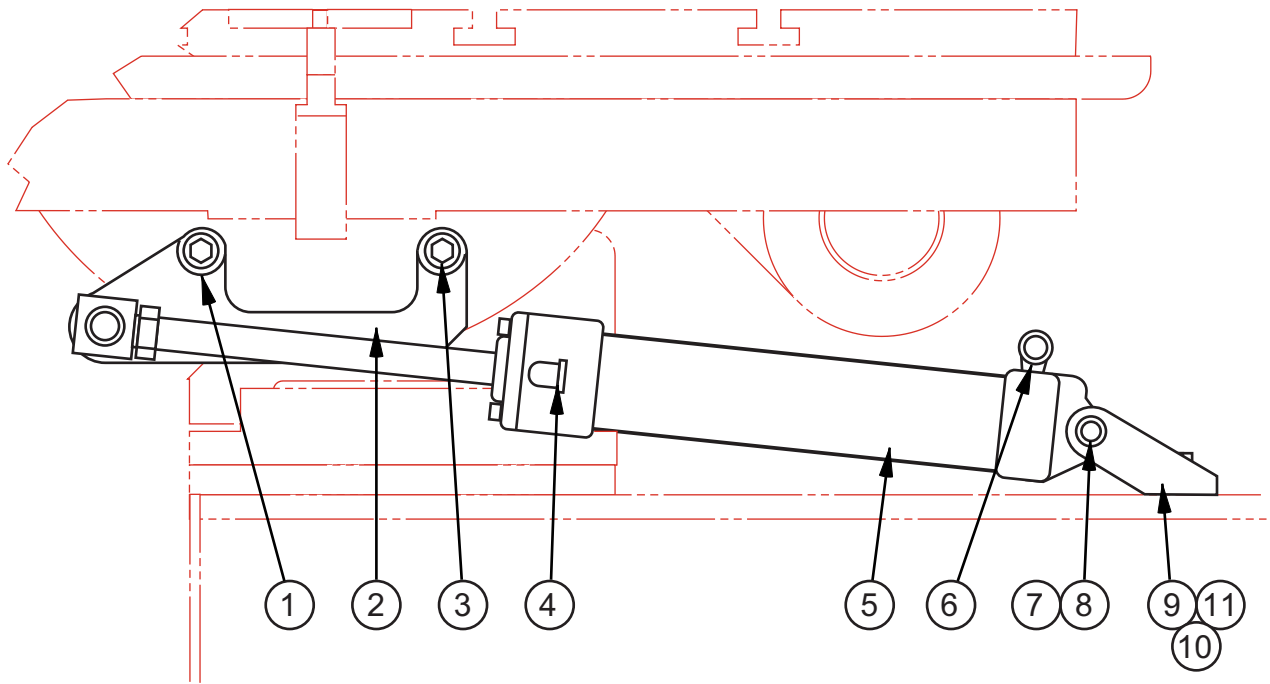
**TABLE ASSEMBLY
(Hydraulic)**

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.	INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	510932	Table Assembly (Hydraulic)		51	197264	. Nylon Tubing 1/4 O.D.	A.R.
1	198047	. Screw, Hex. Hd. Cap 3/8-16NC x 1-1/4	2	52	309004	. Male Connector	1
2	199264	. Washer, Flat 3/8 S.A.E. Std.	2	53	110063	. Drain Valve	1
3	35-008865	. Front Clamp	1	54	005166	. Scraper Retainer	8
4	316587	. R.H. Filler Plate	1	55	005167	. Retaining Ring	8
5	198236	. Screw, Soc. Hd. Cap 1/4-20NC x 1/2 ..	3	56	005093	. Roller Bushing	4
6	316586	. L.H. Filler Plate	1	57	002835	. Rod Wiper	8
7	198236	. Screw, Soc. Hd. Cap 1/4-20NC x 1/2 ..	3	58	35-008855	. Table	1
8	034229	. Way Bar	4	59	5-004307	. Spacer (.062) (If Supplied)	4
9	198761	. Screw, Flat Hd. Mach. 1/4-20NC x 5/8	4	60	198086	. Screw, Hex. Hd. Cap 5/8-11NC x 2-3/4	4
10	111552	. Shim (.003)	A.R.	61	199328	. Washer, Lock 5/8 Std.	4
11	111553	. Shim (.005)	A.R.	62	020920	. Guide Bar	2
12	111554	. Shim (.008)	A.R.	63	6-033410	. Adjusting Bolt	4
13	111555	. Shim (.0149)	A.R.	64	199147	. Nut, Hex. Jam 1-14NF	4
14	111556	. Shim (.002)	A.R.	65	198075	. Screw, Hex. Hd. Cap 1/2-13NC x 3-3/4	4
15	198027	. Screw, Hex. Hd. Cap 5/16-18NC x 3/4	2	66	100090	. Washer, Lock 1/2 Hi-Collar	4
16	199323	. Washer, Lock 5/16 Std.	2	67	198047	. Screw, Hex. Hd. Cap 3/8-16NC x 1-1/4	2
17	6-033518	. Pipe Plug	1	68	512250	. Table Feed Cylinder Assembly (See Detail)	1
18	020234	. Guide	2	69	197265	. Nylon Tubing 3/8 O.D.	A.R.
19	198258	. Screw, Soc. Hd. Cap 5/16-18NC x 3/4	10	70	309057	. 90° Male Elbow	1
20	004271	. Spring Pin	4	71	5-004306	. Spacer	1
21	001754	. Tee Bolt 3/8-16NC x 1-1/8	2	72	402907	. Chip Guard Assembly	1
22	199126	. Nut, Hex. 3/8-16NC	2	73	039464	. Head	1
23	001755	. Stop	2	74	156590	. Screw, Hex. Hd. Cap 3/4-16NF x 11-1/2	1
24	020233	. Bracket	1	75	198865	. Screw, Rd. Hd. Mach. #10-24NC x 1/4	4
25	041748	. Table Tilt Cylinder Assembly (See Detail)	1	76	35-008371	. Pin	2
26	35-008859	. Cradle	1	77	002648	. Lower Adaptor	1
27	198466	. Screw, Soc. Set 1/2-13NC x 1	4	78	020418	. Trunnion Plate	1
28	411828	. Cradle Support	1	79	033362	. Lower Guide Bracket	1
29	198296	. Screw, Soc. Hd. Cap 1/2-13NC x 3/4 ..	4	80	002751	. Gasket	1
30	100090	. Washer, Lock 1/2 Hi-Collar	4	81	34-003315	. Pointer	1
31	156591	. Spacer (5")	1	82	198816	. Screw, Pan Hd. Mach. #6-32NC x 1/4	1
32	199139	. Nut, Hex. 3/4-10NC	1	83	198047	. Screw, Hex. Hd. Cap 3/8-16NC x 1-1/4	2
33	5-004306	. Spacer	1	84	199325	. Washer, Lock 3/8 Std.	2
34	136218	. 10" Ratchet	1	85	35-000328	. Dowel Pin	2
35	168658	. 1-1/4" Socket	1				
36	140151	. Washer	1				
37	040408	. Trunnion	1				
38	198294	. Screw, Hex. Hd. Cap 1/2-13NC x 1-1/4	6				
39	35-000445	. Dowel Pin	2				
40	133621	. Shim (.005)	A.R.				
41	133622	. Shim (.010)	A.R.				
42	133623	. Shim (.003)	A.R.				
43	050882	. Trunnion Bracket	1				
44	023962	. Cylinder Connector	1				
45	133625	. Shim (.0598)	A.R.				
46	133626	. Shim (.010)	A.R.				
47	198047	. Screw, Hex. Hd. Cap 3/8-16NC x 1-1/4	2				
48	199325	. Washer, Lock 3/8 Std.	2				
49	6-033518	. Pipe Plug	1				
50	198047	. Screw, Hex. Hd. Cap 3/8-16NC x 1-1/4	2				

Following Not Shown:

106487 . Escutcheon (Table Lock) (International) 1

NEW DRG. S.C.L. 11-30-04
REVISIONS
S.C.L. 1-28-10



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

TABLE TILT CYLINDER ASSEMBLY (FOR HYDRAULIC TABLE)

Z - 8 - 41

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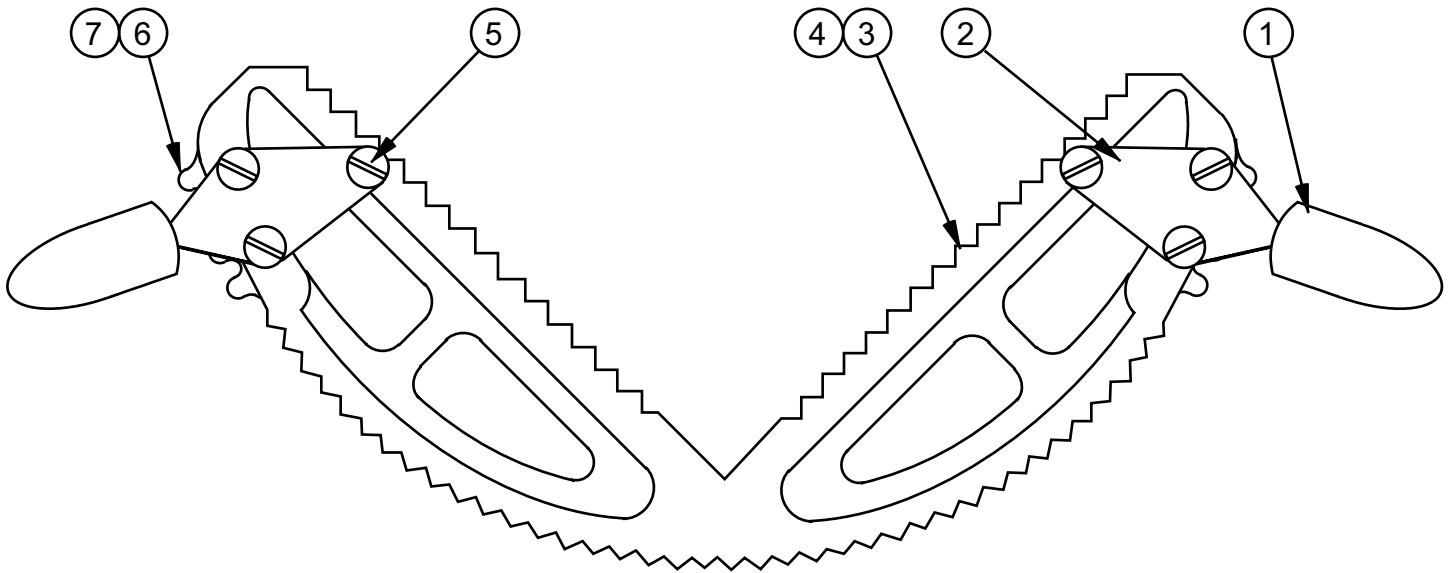
TABLE TILT CYLINDER ASSEMBLY
(for Hydraulic Table)

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	041748	Table Tilt Cylinder Assembly (For Hydraulic Table)	
1	001458	. Spacer	2
2	020401	. Tilt Arm Weldment	1
3	198295	. Screw, Soc. Hd. Cap 1/2-13NC x 1-1/2	2
4	5-004520	. 90° Street Elbow	1
5	204728	. Table Tilt Cylinder Assembly	1
	204727	. . Table Tilt Cylinder	1
	204724	. . Rod Eye	1
	199167	. . Nut, Hex. Jam 7/16-20NF	1
	123328	. . Pipe Plug	1
6	5-004520	. 90° Street Elbow	1
7	001456	. Pin	1
8	35-009613	. Retaining Ring	2
9	023972	. Bracket	1
10	198046	. Screw, Hex. Hd. Cap 3/8-16NC x 1	2
11	199325	. Washer, Lock 3/8 Std.	2

TABLE CONTROL VALVE ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	043323	Table Control Valve Assembly	
1	34-013508	. Shift Lever Knob	1
2	011378	. Lever Rod	1
3	024757	. Knob	1
4	004229	. Spring Pin	1
5	010652	. Knob	1
6	010662	. Knob Escutcheon	1
7	004229	. Spring Pin	1
8	025186	. Dial Plate	1
9	005191	. Pointer	1
10	025185	. Valve Panel	1
11	007154	. Knob	1
12	198425	. Screw, Soc. Set 1/4-20NC x 1/2	1
13	198758	. Screw, Flat Hd. Mach. 1/4-20NC x 3/8	4
14	198214	. Screw, Soc. Hd. Cap #8-32NC x 3/4	3
15	002238	. Washer, Lock #8 Hi-Collar	3
16	260425	. O-Ring	1
17	198424	. Screw, Soc. Set 1/4-20NC x 3/8	2
18	1014746	. Vernier Spool	1
19	010375	. Gasket	1
20	114465	. Screw, Soc. Set 1/4-20NC x 3/8 (Nylock)	1
21	14-000250	. Spring	1
22	260358	. Steel Ball	1
23	025179	. Valve Cap	1
24	35-009859	. O-Ring	1
25	001508	. O-Ring	1
26	198236	. Screw, Soc. Hd. Cap 1/4-20NC x 1/2	1
27	043309	. Control Valve Housing	1
28	024755	. Valve Spool	1
29	001508	. O-Ring	1
30	198239	. Screw, Soc. Hd. Cap 1/4-20NC x 3/4	1
31	004251	. Spring Pin	1
32	198250	. Screw, Soc. Hd. Cap 1/4-20NC x 2-3/4	3
33	003370	. O-Ring	1
34	123328	. Pipe Plug	1
35	120369	. Pipe Plug	4
36	056679	. Pressure Valve Housing	1
37	123328	. Pipe Plug	1
38	114747	. Ball Seat	1
39	260412	. Steel Ball	1
40	35-009173	. Spring	1
41	260411	. O-Ring	1
42	009884	. Valve Screw	1
43	004236	. Spring Pin	1
44	005193	. Spring	1

NEW DRG. S.C.L. 1-5-04
REVISIONS
S.C.L. 12-2-04
S.C.L. 10-3-08



MODEL FIRST MACH. LAST MACH.
ZV-3620 565-03101

WORK HOLDING JAW ASSEMBLIES

Z - 10 - 30

WORK HOLDING JAW ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASS'Y.
Ref.	5-013007	Work Holding Jaw Assembly	
1	5-013512	. Jaw Handle	2
2	5-013318	. Bracket	2
3	040678	. Work Holding Jaw Sub-Assembly	1
4	5-013110	. . Work Holding Jaw	1
5	198892	. . Screw, Rd. Hd. Mach. 1/4-20NC x 5/16	6
6	5-013313	. . Sprocket	2
7	199015	. . Screw, Truss Hd. Mach. #10-24NC x 3/8	4