

## **INNOVA PART LISTS**

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## PLATE A - SEWING HEAD STRUCTURAL ASSEMBLY

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	UPPER HEAD CASTING	1018-A06	
2	1	SWIVEL A	1018-A10A	ASSEMBLY
3	1	SWIVEL B	1018-A10A	ASSEMBLY
4	1	SWIVEL C	1018-A10A	ASSEMBLY
5	1 OR 2	CENTER BEARING	1018-B28A	2 FOR 18, 26 AND 32, 1 FOR 22
5	1 OR 2	CENTER BEARING	1026-B28A	1 FOR 22, 2 FOR 26 AND 32
6	1	UPPER EXTRUSION - 14"	1014-A01	
6	1	UPPER EXTRUSION - 18"	1018-A01	
6	1	UPPER EXTRUSION - 22"	1022-A01	
6	1	UPPER EXTRUSION - 26"	1026-A01	
6	1	UPPER EXTRUSION - 32"	1032-A01	
7	1 OR 2	BUSHING	1018-A01-1	2 FOR 18, 1 FOR 22
7	1 OR 2	BUSHING	1026-A01-1	1 FOR 22, 2 FOR 26
7	2	BUSHING	1032-A01-A	FOR 32
8	1	MOTOR MOUNT	1018-A04	
9	1	UPPER GUSSET	1018-A071	FOR 14,18,22 AND 26
9	1	UPPER GUSSET	1032-A071	FOR 32
10	1	VERTICAL EXTRUSION	1018-A02	9" HEIGHT FOR 14,18, AND 22
10	1	VERTICAL EXTRUSION	1026-A02	11" HEIGHT FOR 26 AND 32
11	1	LOWER GUSSET	1018-A072	FOR 14,18,22 AND 26
11	1	LOWER GUSSET	1032-A072	FOR 32
12	1	LOWER FRONT BEARING	1018-B29A	ASSEMBLY
13	1	LOWER EXTRUSION - 14"	1014-A03	
13	1	LOWER EXTRUSION - 18"	1018-A03	
13	1	LOWER EXTRUSION - 22"	1022-A03	
13	1	LOWER EXTRUSION - 26"	1026-A03	
13	1	LOWER EXTRUSION - 32"	1032-A03	
14	1	REAR BEARING PLATE	1018-A05	
15	2	WHEEL BEAM	1018-G01	
16	20	BOLT	SC-7941819	
17	4	BOLT	SC-7941850	
18	8	BOLT	SC-79418100	
19	4	BOLT	SC-40712	
20	6	SET SCREW	SD-607506	
21	10	SET SCREW	SD-4374005	
22	24	WASHER	WP-081205	
23	5	BEARING	BB-R8ZZ	
24	3	BEARING	BB-6002ZZ	
25	1	INSULATION FOAM	1018-A03-3	

**PLATE B1 - UPPER AND LOWER SHAFTING (ORIGINAL VERSION)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	2	SMALL COUNTERWEIGHT	1018-B11	
2	1	LARGE COUNTERWEIGHT	1018-B10	
3	1	LARGE CROWN GEAR	1018-B07	
4	1	UPPER SHAFT - 14"	1014-B01	5/8" DIA. SHAFT
4	1	UPPER SHAFT - 18"	1018-B01	5/8" DIA. SHAFT
4	1	UPPER SHAFT - 22"	1022-B01	5/8" DIA. SHAFT
4	1	UPPER SHAFT - 26"	1026-B01	5/8" DIA. SHAFT
4	1	UPPER SHAFT - 32"	1032-B01	5/8" DIA. SHAFT
5	3	TIMING PULLEY	1018-B04	
6	1	LOWER SHAFT - 14"	1014-B02	5/8" DIA. SHAFT
6	1	LOWER SHAFT - 18"	1018-B02	5/8" DIA. SHAFT
6	1	LOWER SHAFT - 22"	1022-B02	5/8" DIA. SHAFT
6	1	LOWER SHAFT - 26"	1026-B02	5/8" DIA. SHAFT
6	1	LOWER SHAFT - 32"	1032-B02	5/8" DIA. SHAFT
7	1	COLLAR	1018-B15	
8	2	SET SCREW	SD-50805	
9	3	SET SCREW	SD-607506	
10	2	SET SCREW	SD-6354006	
11	6	SET SCREW	SD-4763206	
12	2	WASHER	WP-1271910	
13	1	BELT	1018-B03	MOTOR TO SHAFT BELT
14	1	BELT	1018-B14	FOR 14,18 AND 22
14	1	BELT	1026-B14	FOR 26 AND 32

**PLATE B2 - UPPER AND LOWER SHAFTING (CURRENT VERSION)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	2	MEDIUM COUNTERWEIGHT	1018-B111	
2	1	LARGE COUNTERWEIGHT	1018-B10	
3	1	LARGE CROWN GEAR	1018-B07	
4	1	UPPER SHAFT - 14"	1014-B01	5/8" DIA. SHAFT
4	1	UPPER SHAFT - 18"	1018-B01	5/8" DIA. SHAFT
4	1	UPPER SHAFT - 22"	1022-B01	5/8" DIA. SHAFT
4	1	UPPER SHAFT - 26"	1026-B01	5/8" DIA. SHAFT
4	1	UPPER SHAFT - 32"	1032-B01	5/8" DIA. SHAFT
5	3	TIMING PULLEY	1018-B04	
6	1	LOWER SHAFT - 14"	1014-B02	5/8" DIA. SHAFT
6	1	LOWER SHAFT - 18"	1018-B02	5/8" DIA. SHAFT
6	1	LOWER SHAFT - 22"	1022-B02	5/8" DIA. SHAFT
6	1	LOWER SHAFT - 26"	1026-B02	5/8" DIA. SHAFT
6	1	LOWER SHAFT - 32"	1032-B02	5/8" DIA. SHAFT
7	1	COLLAR	1018-B15	
8	4	SET SCREW	SD-607512	
9	2	SET SCREW	SD-6354006	
10	6	SET SCREW	SD-607510	
11	1	SET SCREW	SD-607506	
12	2	WASHER	WP-1271910	
13	1	BELT	1018-B03	MOTOR TO SHAFT BELT
14	1	BELT	1018-B14	FOR 14,18 AND 22
14	1	BELT	1026-B14	FOR 26 AND 32

## PLATE C - UPPER SEWING NEEDLE MECHANISM

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	TAKEUP	1018-C06A	ASSEMBLY
2	1	COUNTERWEIGHT	1018-C01	
3	1	CONNECTING ROD	1018-C04	
4	1	NEEDLE BAR FRAME	1018-C27A	FOR 14, 18, AND 22
4	1	NEEDLE BAR FRAME	1026-C27A	FOR 26 AND 32
5	1	PRESSER BAR CLAMP	1018-C19	
6	1	NEEDLE BAR	1018-C23A	FOR 14, 18, AND 22
6	1	NEEDLE BAR	1026-C23A	FOR 26 AND 32
7	1	PRESSER BAR	1018-C20A	FOR 14, 18, AND 22
7	1	PRESSER BAR	1026-C20A	FOR 26 AND 32
8	1	NEEDLE BAR THREAD GUIDE	1018-C24	
9	1	STANDARD FOOT	1018-C22	
10	1	RULER FOOT	1018-C22-3	1/2" DIA. BASE
11	1	OPEN TOE FOOT	1018-C22-1	
12	1	TRAPUNTO FOOT	1018-C22-2	
13	1	NEEDLE #16	1018-C26	
13	1	NEEDLE #18	1018-C26-1	
13	1	NEEDLE #19	1018-C26-3	
13	1	NEEDLE #21	1018-C26-2	
14	1	SCREW	SR-3574006	
15	2	SET SCREW	SD-607512	
16	2	SET SCREW	SD-607506	
17	1	SET SCREW	SD-4763206	
18	4	BOLT	SC-4763219	
19	1	BOLT	SC-40712	
20	1	SCREW	SR-4374007	
21	1	SHOULDER BOLT	1018-D10	
22	1	SHOULDER BOLT	1018-C21	
23	1	SCREW	SR-3174404	NEEDLE SET SCREW
24	4	WASHER	WP-051010	
25	1	RETAINING RING	CS-25	
26	1	BEARING	BB-6805ZZ	
27	2	BEARING	BB-FR4ZZ	
28	1	SPRING	1026-C28	PRESSER BAR SPRING

**PLATE D1 - LOWER SEWING HOOK MECHANISM (ORIGINAL BELT VER**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	BOBBIN CASE	1018-D013	
2	1	BOBBIN SHELL	1018-D014	
3	1	HOOK	1018-D011	
4	1	HOOK SHAFT	1018-D17	
5	1	SMALL TIMING PULLEY	1018-D14	
6	1	LARGE TIMING PULLEY	1018-D11	
7	1	STANDARD NEEDLE PLATE	1018-D02	FOR #16 AND #18 NEEDLE
7	1	LARGE NEEDLE PLATE	1018-D02-LG	FOR #19 AND #21 NEEDLE
8	1	HOOK BELT DRIVE HOUSING	1018-A08	
9	2	MED. TIMING PULLEY ASSY.	1018-D09	COMPLETE ASSEMBLY
10	1	IDLER PLATE	1018-D04	
11	1	HOOK DRIVE GUARD PLATE	1018-D19	
12	1	POSITION FINGER	1018-D21	
13	2	SCREW	1018-D012	HOOK SCREW - SPEC. MFR.
14	3	SET SCREW	SD-4374004	
15	2	SCREW	SJ-4374009	NEEDLE PLATE SCREW
16	2	SHOULDER BOLT	1018-D10	
17	2	SCREW	SK-4763210	
18	1	SET SCREW	SD-4763206	
19	4	SCREW	SR-4374010	
20	1	SCREW	SC-4374010	POSITION FINGER SCREW
21	4	WASHER	WP-162508	
22	2	WASHER	WP-051008	
23	1	WASHER	#10 EXT LW	
24	1	BELT	1018-D16	DOUBLE SIDED
25	7	BEARING	BB-FR4ZZ	
26	2	PULLEY	M-PNQ-033A	

## PLATE D2 - LOWER SEWING HOOK MECHANISM (CURRENT VERSION)

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	BOBBIN CASE	1018-D013	
2	1	BOBBIN SHELL	1018-D014	
3	1	HOOK	1018-D011	
4	1	HOOK SHAFT	1018-D17	
5	1	SMALL GEAR	1018-D14-N	
6	1	LARGE GEAR	1018-D11-N	
7	1	LARGE GEAR	1018-D11-3	BLUE GEAR W/ RET. RING HUB
8	1	STANDARD NEEDLE PLATE	1018-D02	FOR #16 AND #18 NEEDLE
8	1	LARGE NEEDLE PLATE	1018-D02-LG	FOR #19 AND #21 NEEDLE
9	1	HOOK GEAR DRIVE HOUSING	1018-A081	
10	1	HOOK DRIVE GUARD PLATE	1018-D19	
11	1	POSITION FINGER	1018-D21	
12	2	SCREW	1018-D012	HOOK SCREW - SPEC. MFR.
13	2	SET SCREW	SD-4374004	
14	2	SET SCREW	SD-607506	
15	2	SET SCREW	1/4-28 X 1/4 SS	FOR BLUE GEAR W/ RET. RING ONLY
16	2	SCREW	SJ-4374009	NEEDLE PLATE SCREW
17	4	SCREW	SR-4374010	
18	1	SCREW	SC-4374010	POSITION FINGER SCREW
19	1	WASHER	AW-4.5	
20	3	BEARING	BB-FR4ZZ	



**PLATE E1 - HANDWHEEL (TOP MOUNTED)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	HANDWHEEL	1018-B20	
2	1	SHAFT	1018-B18	
3	1	HANDWHEEL BASE	1018-B17	
4	1	SMALL CROWN GEAR	1018-B09	
5	2	SET SCREW	SD-607506	
6	4	BOLT	SC-6352830	
7	2	SET SCREW	SD-6354006	
8	1	SPRING	1018-B19	

**PLATE E2 - HANDWHEEL (SIDE MOUNTED)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	SMALL CROWN GEAR	1018-B09	
2	1	HANDWHEEL BASE	1018-B171	
3	1	SHAFT	1018-B181	
4	1	HANDWHEEL	1018-B201	
5	2	SET SCREW	SD-6354006	
6	2	SET SCREW	SD-607506	
7	4	BOLT	SC-6352830	
8	1	BALL	1018-B05	
9	1	O-RING	1018-B08	
10	1	SPRING	1018-C30	
11	1	SPRING	1018-B191	

**PLATE F1 - REAR BELT TENSIONER (ORIGINAL VERSION)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	TENSIONER BASE	1018-B21	
2	1	ECCENTRIC	1018-B22	
3	1	BOLT	SC-6352830	
4	1	WASHER	WP-081915	
5	2	BEARING	BB-R8ZZ	

**PLATE F2 - REAR BELT TENSIONER (CURRENT VERSION)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	TENSIONER ARM	1018-B21-1	
2	1	TENSIONER PULLEY	M-PNQ-062	
3	1	BOLT	SC-7941850	
4	1	BOLT	SC-061025	
5	1	WASHER	WP-081915	
6	2	WASHER	WP-06121	12 X 6 X 1
7	1	RETAINING RING	3/4" INT. RET. RING	
8	2	BEARING	BB-626Z	

## PLATE G1 - ROTATING HEAD MECHANISM (ORIGINAL VERSION)

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	THREADED PIN	1018-A16	
2	1	LEVER	1018-A15	
3	1	PIN	1018-A21	
4	1	THREADED PIN	1018-A18	
5	1	BUSHING	1018-A22	
6	1	ROD	1018-A23	
7	1	BUSHING	1018-A26	
8	1	HEX NUT	HN-43740	
9	1	SCREW	SR-4374010	
10	1	BOLT	1018-A13	BOLT HAS CONCAVE END
11	1	SCREW	SR-4374006	
12	1	E-CLIP	ET-05	
13	2	E-CLIP	ET-03	
14	1	BEARING	BB-MR74ZZ	
15	1	SPRING	1018-A24	
16	1	BALL	1018-A12	

## PLATE G2 - ROTATING HEAD MECHANISM (CURRENT VERSION)

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	THREADED PIN	1018-A16	
2	1	LEVER	1018-A15	
3	1	PIN	1018-A21	
4	1	THREADED PIN	1018-A18	
5	1	BUSHING	1018-A22	
6	1	ROD	1018-A23	
7	1	BUSHING	1018-A26	
8	1	HEX NUT	HN-43740	
9	1	SCREW	SR-4374010	
10	1	BOLT	1018-A131	BOLT HAS POINTED TIP
11	1	SCREW	SR-4374006	
12	1	E-CLIP	ET-05	
13	2	E-CLIP	ET-03	
14	1	BEARING	BB-MR74ZZ	
15	1	SPRING	1018-A24	

## PLATE H - RULER PLATE ASSEMBLY

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	SMALL RULER PLATE	1018-A30S	8" X 8"
2	1	LARGE RULER PLATE	1018-A30L	12" X 12"
3,4	2	LATCH	1018-A31	
5	4	SCREW	SR-4374008	
6	4	SCREW	SR-3174406	

**PLATE I1 - TENSION ASSEMBLIES (ORIGINAL VERSION)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	HP TENSION ASSEMBLY	1018-E17	
2	1	TENSION ASSEMBLY	1018-E17	
3	1	PRE-TENSION ASSEMBLY	1018-E15	
4	2	SET SCREW	SD-4763208	
5	1	CHECK SPRING	1018-E17H	
6	1	BEEHIVE SPRING	1018-E17C	
7	2	HP TENSION DISK	1018-E17E-1	
8	2	FELT	1018-E17E	



**PLATE I2 - TENSION ASSEMBLIES (CURRENT VERSION)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	HP TENSION ASSEMBLY	1018-E17	
2	1	TENSION ASSEMBLY	1018-E17	
3	1	PRE-TENSION ASSEMBLY	1018-E15	
4	1	SCREW	SC-4763216	
5	1	SET SCREW	SD-4763208	
6	1	CHECK SPRING	1018-E17H	
7	1	BEEHIVE SPRING	1018-E17C	
8	2	HP TENSION DISK	1018-E17E-1	
9	2	FELT	1018-E17E	

**PLATE J1 - UPPER REAR THREAD GUIDE (ORIGINAL VERSION)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	THREAD GUIDE	1018-E35	
2	1	BOLT	SQ-6352816	
3	1	HEX NUT	HN-63528	

**PLATE J2 - UPPER REAR THREAD GUIDE (CURRENT VERSION)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	THREAD GUIDE	1018-E35	
2	1	SCREW	SR-4374010	
3	1	WASHER	WP-051010	
4	1	LOCK WASHER	WS-058512	

## PLATE K2 - THREAD GUIDES

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	2	THREAD GUIDE - SMALL	1018-E33	
2	2	THREAD GUIDE - LARGE	1018-E31	
3	1	THREAD POST	1018-E16	
4	4	SCREW	SJ-3574006	

## PLATE L1 - SHEETMETAL AND COVERS (ORIGINAL VERSION)

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	FACE PLATE - PLASTIC	1018-E18	CLEAR PLASTIC
2	1	PLC SUPPORT PLATE	1018-E08	FOR 14, 18 AND 22
2	1	PLC SUPPORT PLATE	1026-E08	FOR 26 AND 32
3	1	MOTOR COVER	1018-E10	
4	1	MOTOR COVER PLATE	1018-E09	
5	1	REAR COVER	1018-E13	FOR 14, 18 AND 22
5	1	REAR COVER	1026-E13	FOR 26 AND 32
6	1	LOWER SUPPORT PLATE	1018-E12	
7	3	SCREW	SR-4374010	PLASTIC FACE PLATE SCREW
8	20	SCREW	SR-4374008	
9	6	SCREW	SQ-6352832	

## PLATE L2 - SHEETMETAL AND COVERS (CURRENT VERSION)

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	FACE PLATE - METAL	1018-E18M	METAL FACE PLATE
2	1	PLC SUPPORT PLATE	1018-E08	FOR 14, 18 AND 22
2	1	PLC SUPPORT PLATE	1026-E08	FOR 26 AND 32
3	1	MOTOR COVER	1018-E10	
4	1	MOTOR COVER PLATE	1018-E09	
5	1	REAR COVER	1018-E13	FOR 14, 18 AND 22
5	1	REAR COVER	1026-E13	FOR 26 AND 32
6	1	LOWER SUPPORT PLATE	1018-E12	
7	20	SCREW	SR-4374006	
8	3	SCREW	SR-4374008	METAL FACE PLATE SCREW
9	6	SCREW	SQ-6352832	
10	18	WASHER	WPP-0450810	PLASTIC WASHER

**PLATE M1 - THREAD STAND (ORIGINAL VERSION)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	2	THREAD STAND PLATE	1018-E19	
2	1	THREAD STAND	1018-E14	
3	1	BOLT	SQ-6352816	
4	1	HEX NUT	HN-63528	

**PLATE M2 - THREAD STAND (CURRENT VERSION)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	THREAD STAND PLATE	1018-E19-1	
2	1	THREAD STAND	1018-E14	
3	1	BOLT	SC-4763212	
4	1	EXTRUSION NUT	1018-E19-2	



## PLATE N1 - FRONT HANDLE BAR ASSEMBLY

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	FRONT HANDLE BAR - L2	1018-E05	PAINTED SILVER OR CHROME
2	1	FRONT HANDLE BAR - R2	1018-E06	PAINTED SILVER OR CHROME
3	2	FRONT HANDLE BAR SUPPORT BRACKET	1018-E04	
4	4	BOLT	SC-061020	
5	2	FOAM GRIP	1018-E42	
6	1	PUSHBUTTON - WHITE	SWITCH-W	
7	1	PUSHBUTTON - GREEN	SWITCH-G	

**PLATE 01 - REAR HANDLE BAR ASSEMBLY (ORIGINAL VERSION)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	REAR HANDLE BAR - R1	1018-E03	PAINTED SILVER OR CHROME
2	2	REAR HANDLE BAR SUPPORT BRACKET	1018-E01	
3	1	REAR HANDLE BAR - L1	1018-E02	PAINTED SILVER OR CHROME
4	2	BOLT	SC-061020	
5	4	BOLT	SC-6352830	
6	2	FOAM GRIP	1018-E42	
7	1	PUSHBUTTON - GREEN	SWITCH-G	
8	1	PUSHBUTTON - WHITE	SWITCH-W	

**PLATE 02 - REAR HANDLE BAR ASSEMBLY (CURRENT VERSION)**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	REAR HANDLE BAR - R1	1018-E031	PAINTED SILVER OR CHROME
2	2	REAR HANDLE BAR SUPPORT BRACKET	1018-E011	
3	1	REAR HANDLE BAR - L1	1018-E021	PAINTED SILVER OR CHROME
4	6	BOLT	SC-061020	
5	2	FOAM GRIP	1018-E42	
6	1	PUSHBUTTON - GREEN	SWITCH-G	
7	1	PUSHBUTTON - WHITE	SWITCH-W	

## PLATE P1 - FLUORESCENT LIGHT

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	LIGHT CLAMP PLATE B	1018-E21	
2	1	LIGHT CLAMP PLATE A	1018-E20	
3	1	FLUORESCENT LIGHT ASSEMBLY	PL-110V	
4	1	FLUORESCENT LIGHT BALLAST - 110V	PL-110V-BAL	
4	1	FLUORESCENT LIGHT BALLAST - 240V	PL-220V-BAL	
5	1	BOLT	SI-7941819	
6	1	BOLT	SC-6352832	
7	2	SCREW	SR-4374008	
8	1	WASHER	WP-081915	
9	1	HEX NUT	HN-79418	
10	1	FLUORESCENT LIGHT BULB	ELP-9W-110	
10	1	FLUORESCENT BLACK LIGHT BULB	ELP-9WB-110	

## PLATE Q1 - LASER ASSEMBLY (ORIGINAL VERSION)

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	LASER CLAMP PLATE B	1018-E25	PLATE HAS THREADED HOLE
2	1	LASER CLAMP PLATE A	1018-E24	PLATE HAS NO THREADED HOLES
3	1	THUMB SCREW	1018-E26	
4	1	THREADED BALL STUD	1018-E23	
5	1	NUT	1018-E22	
6	1	LASER ASSEMBLY	INV-LASER	
7	1	LASER SOCKET ASSEMBLY	INV-LASER-SKT	ASSEMBLY

## PLATE Q2 - LASER ASSEMBLY (CURRENT VERSION)

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	LASER CLAMP PLATE B	1018-E25	PLATE HAS THREADED HOLE
2	1	LASER CLAMP PLATE A	1018-E24	PLATE HAS NO THREADED HOLES
3	1	THUMB SCREW	1018-E26	
4	1	THREADED BALL STUD	1018-E23	
5	1	NUT	1018-E19-2	EXTRUSION NUT
6	1	LASER ASSEMBLY	INV-LASER	
7	1	LASER SOCKET ASSEMBLY	INV-LASER-SKT	ASSEMBLY

**PLATE R1 - ELECTRONICS BACK PLATE**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	ELECTRONICS SUPPORT PLATE	1018-E11	
2	7	SCREW	SR-4374008	
3	8	HEX STANDOFF	HTS310	

## PLATE S1 - PLC AND SWITCHES

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	SWITCH - LASER	SWITCH-LASER	LASER ON/OFF
2	1	PLC	INV-PLC	
3	1	SWITCH - MAIN POWER	SWITCH-PWR	MAIN ON/OFF



**PLATE T1 - STANDARD STITCH ELECTRONICS**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	MOTOR DRIVE BOARD	INV-PCB1	
2	1	ENCODER BOARD	INV-PCB3	
3	1	POWER SUPPLY	INV-PCB2	
4	1	MAIN CONTROL BOARD	INV-PCB4	
5	3	SCREW	SE-410	
6	10	SCREW	M3 X 6MM	
7	3	HEX NUT	HX-408	
8	1	FUSE - 4 AMP	INV-F2	
9	1	FUSE - 6 AMP	INV-F1	

## PLATE T2 - STANDARD STITCH ELECTRONIC WIRING HARNESES

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	POWER CORD - 110V	INV-POWER	110V (U.S.A. AND CANADA ONLY)
1	1	POWER CORD - 240V	INV-POWER-240	240V, SPECIFY COUNTRY
2	1	CABLE WRAP	INV-POWER-WRAP	FOR 14, 18 AND 22
2	1	CABLE WRAP	INV-POWER-WRAP26	FOR 26 AND 32
3	1	CABLE TIE MOUNT	INV-10SR-WM	BLACK PLASTIC 1/4 TURN MOUNT
4	1	WIRE HARNESS - MAIN CTRL TO PWR SUPPLY INPUT	INV-HARNESS-A	
5	1	WIRE HARNESS - PWR SUPPLY OUTPUT TO MAIN CTRL	INV-HARNESS-B	
6	1	WIRE HARNESS - MAIN CTRL TO ENCODER BOARD	INV-HARNESS-C	
7	1	WIRE HARNESS - MAIN CTRL TO MOTOR DRIVE BOARD L1/L2	INV-HARNESS-D	
8	1	WIRE HARNESS - MAIN CTRL TO MOTOR DRIVE BOARD S1/S2	INV-HARNESS-E	
9	1	WIRE HARNESS - ENCODER BOARD TO MOTOR ENCODER	INV-HARNESS-F	
10	1	WIRE HARNESS - PLC INPUT TO MAIN CTRL BOARD	INV-HARNESS-G	
11	1	WIRE HARNEES - PLC PWR TO MAIN CTRL BOARD	INV-HARNESS-H	
12	1	WIRE HARNESS - PLC OUTPUT TO MAIN CTRL BOARD	INV-HARNESS-I	

**PLATE U1 - STANDARD STITCH MOTOR ASSEMBLY**

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	TIMING PULLEY	1018-B04	
2	1	MOTOR	INV-MOTOR	
3	4	BOLT	SC-050820	
4	2	SET SCREW	SD-607510	
5	4	WASHER	WP-051010	

## PLATE V1 - INNOVA WHEEL ASSEMBLY

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	SPRING WASHER	PRO-M015BW	BELVILLE SPRING WASHER
2	1	WASHER	PRO-M015W	THICK WASHER
3	1	WHEEL	PRO-M015	
4	1	BEARING	PRO-M015BRG	
5	1	RETAINING RING	PRO-M015RING	
6	1	SHOULDER BOLT	PRO-M015PIN	
7	1	WHEEL ASSEMBLY	PRO-M015A	WHEEL W/ BEARING AND RET. RING

## PLATE W1 - Y-AXIS ENCODER ASSEMBLY

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	ENCODER WHEEL	INV-10SR-E-WHL	
2	1	ENCODER BRACKET	INV-10SR-E-BKT	
3	1	ENCODER	INV-10SR-E	
4	1	ANGLE BRACKET	INV-10SR-E-ANBKT	
5	2	BOLT	M3 X 8MM BHCS	
6	1	BOLT	5/16-18 X 3/4 HEX	
7	1	SHOULDER BOLT	INV-PRO-SHLDRBLT	
8	1	SHOULDER BOLT	INV-10SR-E-WBOLT	
9	1	SPRING WASHER	INV-10SR-EW	
10	2	BARREL WASHER	INV-10SR-EWB	PLASTIC WASHER W/ SHOULDER
11	1	PLASTIC WASHER	INV-10SR-EWF	FLAT PLASTIC WASHER
12	1	WASHER	5/16 SAE FW	
13	1	LOCK WASHER	5/16 LW	
14	2	LOCK WASHER	3MM LW	
15	2	WASHER	3MM FW	
16	1	EXTRUSION NUT	C-1000-510B	

## PLATE X1 - X-AXIS ENCODER ASSEMBLY

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	ENCODER WHEEL	INV-10SR-E-WHL	
2	1	ENCODER BRACKET	INV-10SR-E-BKT	
3	1	ENCODER	INV-10SR-E	
4	2	BOLT	M3 X 8MM BHCS	
5	1	SHOULDER BOLT	INV-PRO-SHLDRBLT	
6	1	SHOULDER BOLT	INV-10SR-E-WBOLT	
7	1	WASHER	INV-10SR-EWG	GOLD WASHER
8	2	BARREL WASHER	INV-10SR-EWB	PLASTIC WASHER W/ SHOULDER
9	1	PLASTIC WASHER	INV-10SR-EWF	FLAT PLASTIC WASHER
10	1	SPRING WASHER	INV-10SR-EW	
11	2	LOCK WASHER	3MM LW	
12	2	WASHER	3MM FW	
13	1	EXTRUSION NUT	C-1000-510B	

## PLATE Y1 - PRO-TOUCHSCREEN

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	FACE PLATE - METAL	1018-E18MT	WITH HOLES FOR TOUCHSCREEN
2	1	ENCLOSURE	INV-10SR-PRO-ENC	FOR PRO-TOUCH ONLY
3	1	TOUCHSCREEN - PRO	INV-10SR-PRO-SCR	
4	4	SCREW	M3 X 8MM	
5	4	BOLT	6-32 X 3/8	PLASTIC
6	4	HEX NUT	M3 HEX NUT	
7	2	GROMMET	INV-10SR-PRO-GRM	
8	1	COMMUNICATION CABLE	INV-10SR-PRO-COM	
9	1	TOUCHSCREEN POWER CABLE	INV-10SR-PRO-PWR	

## PLATE Y2 - LIGHTNING TOUCHSCREEN

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	FACE PLATE - METAL	1018-E18MT	WITH HOLES FOR TOUCHSCREEN
2	1	TOUCHSCREEN - LIGHTNING	INV-10SR-LIGHT-S	
3	4	SCREW	M3 X 6MM	DO NOT USE LONGER SCREW
4	1	ADAPTER	INV-10SR-LIGHT-E	PHONE CORD TO 9 PIN
5	1	PHONE CORD	INV-10SR-LIGHT-F	
6	1	TOUCHSCREEN COMMUNICATION CABLE	INV-10SR-LIGHT-D	
7	1	TOUCHSCREEN POWER CABLE	INV-10SR-PRO-PWR	



## PLATE Z1 - LIGHTNING MOTOR AND CONTROLLER

#	QTY.	DESCRIPTION	CURRENT PART NUMBER	NOTE
1	1	TIMING PULLEY	1018-B04	
2	1	SERVO MOTOR	INV-10SR-LIGHT-M	LIGHTNING STITCH ONLY
3	1	CONTROLLER	INV-10SR-LIGHT-C	LIGHTNING STITCH ONLY
4	1	HOLE PLUG	INV-10SR-LIGHT-H	PLASTIC PLUG FOR PLC SQUARE HOLE
5	4	BOLT	M5 X 20MM	
6	8	SCREW	M3 X 6MM	
7	2	SET SCREW	SD-607510	
8	4	LOCK WASHER	#10 LW	
9	8	WASHER	#10 FW	
10	4	FUSE	INV-10SR-LIGHT-K	
11	1	PUSHBUTTON CABLE EXTENSION	INV-10SR-LIGHT-I	
12	1	MOTOR COMMUNICATION CABLE	INV-10SR-LIGHT-J	