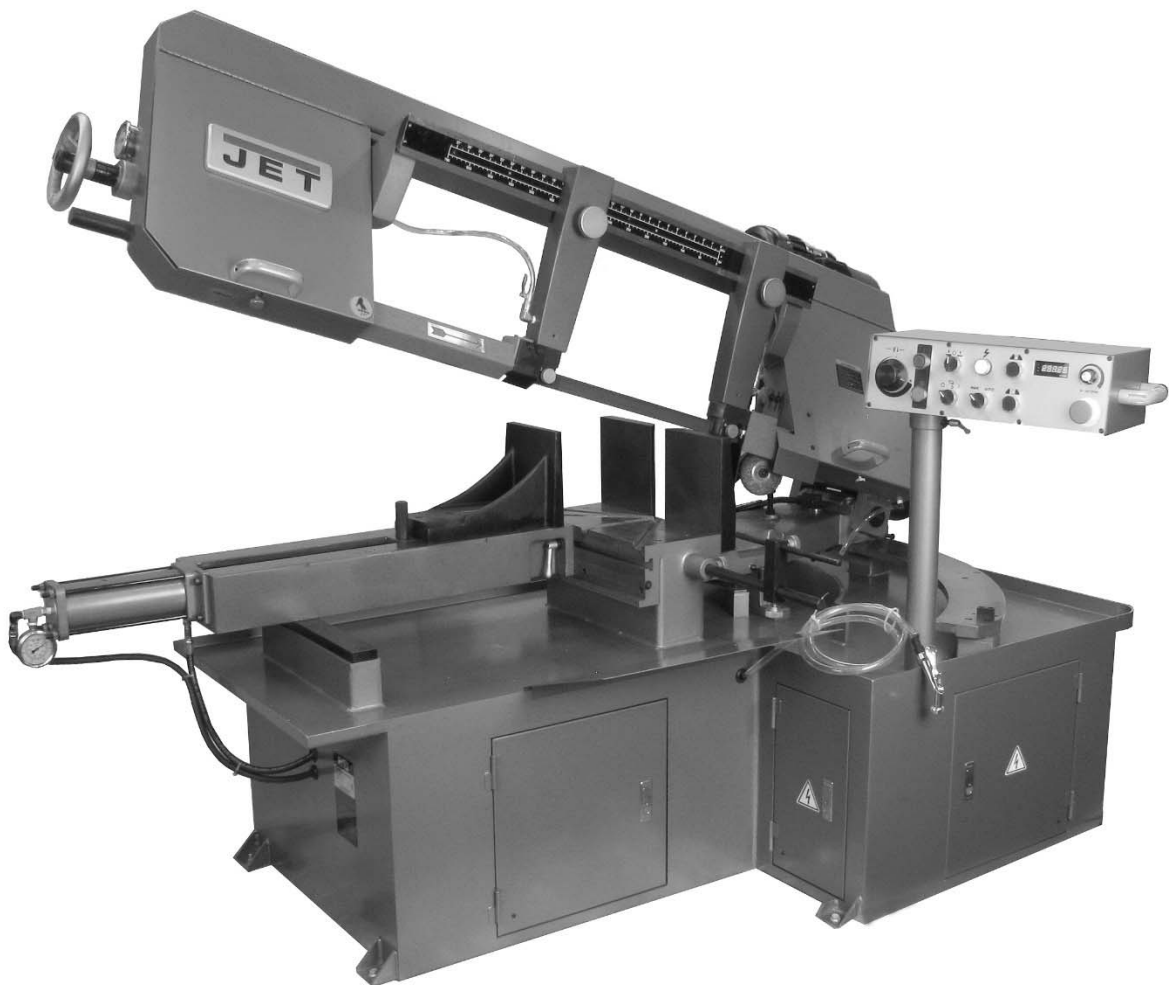




Operating Instructions and Parts Manual Dual Mitering EVS Band Saw

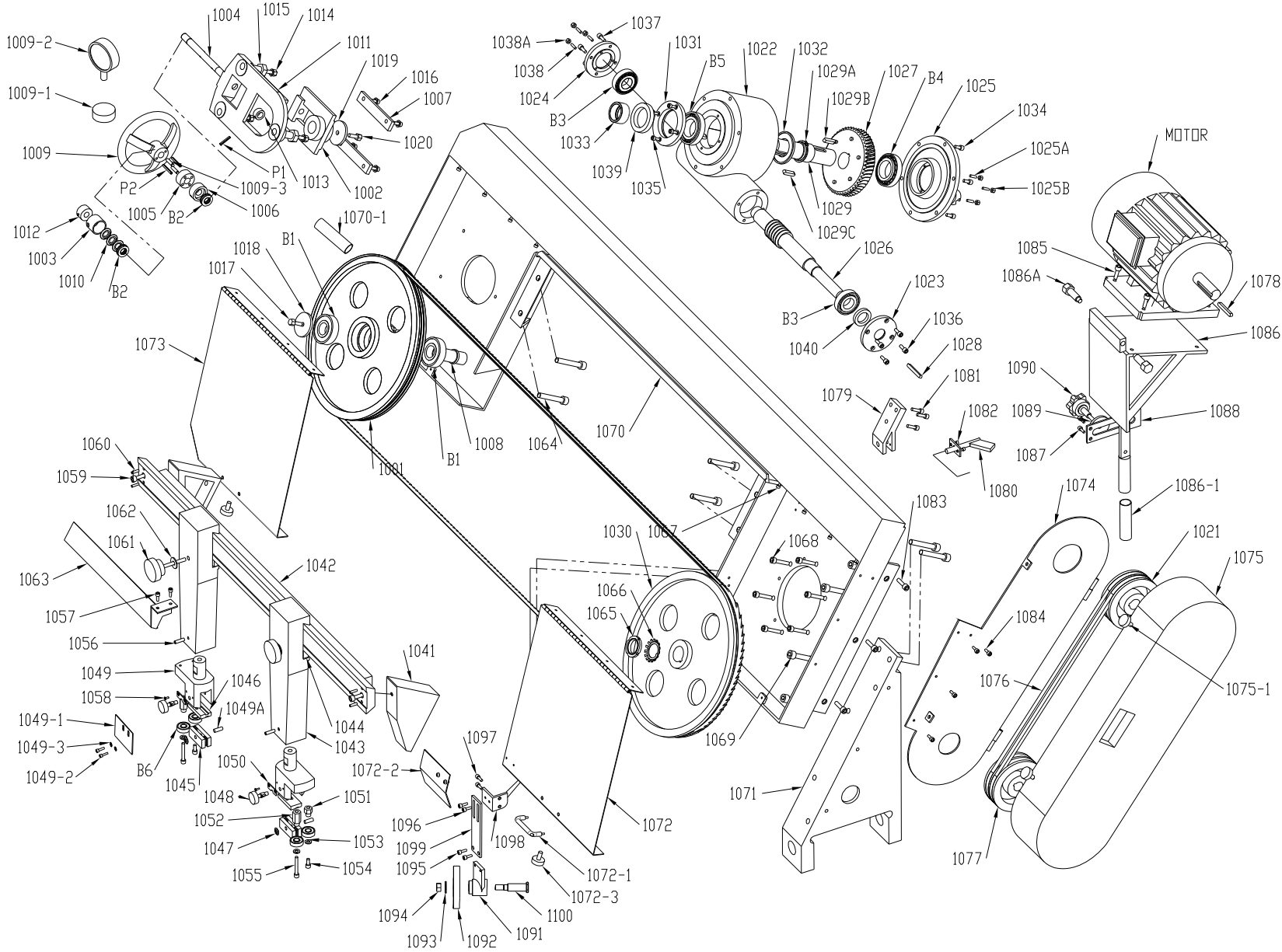
Models MBS-1323EVS-H, MBS-1323EVS-H-4



JET
427 New Sanford Road
LaVergne, Tennessee 37086
Ph.: 800-274-6848
www.jettools.com

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13.1.1 MBS-1323EVS-H Bow Assembly – Exploded View



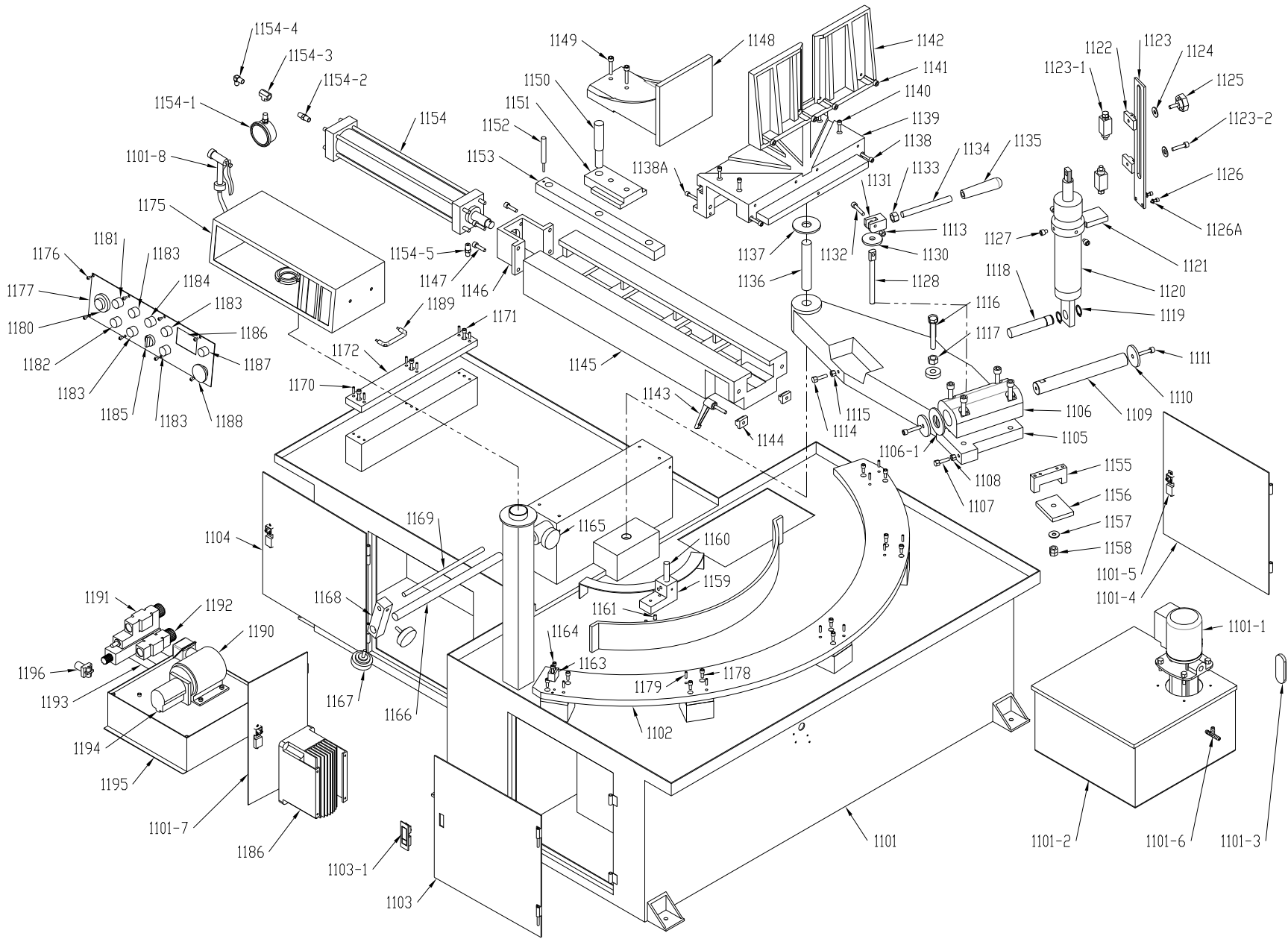
13.1.2 MBS-1323EVS-H Bow Assembly – Parts List

Index No	Part No	Description	Size	Qty
1001	MBS1323EVS-1001	Front Blade Wheel		1
1002	MBS-1018-1-5	Slide		1
1003	EHB916V-02	Shroud		1
1004	EHB916V-03	Tension Screw		1
1005	EHB916V-19	Thrust Bearing Housing		1
1006	EHB916V-18	Driven Dog		1
1007	MBS-1018-1-6	Gib		2
1008	EHB916V-13	Front Spindle		1
1009	MBS1323EVS-1009	Handwheel		1
1009-1	MBS1323EVS-1009-1	Collar		1
1009-2	MBS1323EVS-1009-2	Blade Tension Gauge		1
1009-3	TS-0270061	Set Screw	5/16"-18x5/8"	2
1010	EHB916V-21	Disc Spring		6
1011	MBS-1018-1-4	Slide Seat		1
1012	EHB916V-20	Lock nut		1
1013	EHB916V-07	Lock Ring		1
1014	TS-0060111	Hex Cap Screw	3/8x2-1/2	3
1015	EHB916V-10	Adjusting Screw	3/4x1-1/2	3
1016	TS-0081051	Hex Cap Screw	5/16x1"	4
1017	TS-0060061	Hex Cap Screw	3/8"x1-1/4"	1
1018	EHB916V-26	Special Washer		1
1019	TS-0732061	Lock Washer	3/8"	1
1020	TS-0060061	Hex Cap Screw	3/8x1-1/4	1
	MBS1323EVS-ABTA	Adjust Blade Tension Assembly (includes 1002-1007, 1009-1016, 1019-1020)		1
1021	MBS1323EVS-1021	Input Pulley		1
1022	MBS1323EVS-1022	Gear Box Housing		1
1023	MBS1323EVS-1023	End Cap (Right)		1
1024	MBS1323EVS-1024	End Cap (Left)		1
1025	MBS1323EVS-1025	Lower Cap		1
1025A	TS-0267121	Set Screw	1/4"x3/4"	3
1025B	TS-0561011	Nut	1/4"	3
1026	MBS1323EVS-1026	Worm		1
1027	MBS1323EVS-1027	Worm Gear		1
1028	KS-7750	Key	7 x 7 x 50L	1
1029	MBS1323EVS-1029	Worm Shaft		1
1029A	MBS1323EVS-1029A	Retaining Ring		1
1029B	5508917	Key, Double Rd Hd	8 x 8 x 35 L	1
1029C	5508917	Key, Double Rd Hd	8 x 8 x 35 L	1
1030	MBS1323EVS-1030	Rear Blade Wheel		1
1031	MBS1323EVS-1031	Upper Cap		1
1032	MBS1323EVS-1032	Special Washer		1
1033	MBS1323EVS-1033	Collar		1
1034	TS-0208061	Socket Head Cap Screw	5/16" – 18 x 1"	6
1035	TS-0207031	Socket Head Cap Screw	1/4" – 20 x 5/8"	4
1036	TS-0207031	Socket Head Cap Screw	1/4" – 20 x 5/8"	4
1037	TS-0207031	Socket Head Cap Screw	1/4" – 20 x 5/8"	4
1038	TS-0267121	Set Screw	1/4"x3/4"	3
1038A	TS-0561011	Nut	1/4"	3
1039	MBS1323EVS-1039	Oil Seal	50 x 72 x 12	1
1040	MBS1323EVS-1040	Oil Seal	30 x 45 x 8	1
	MBS1323EVS-GBA	Gear Box Assembly (includes 1022-1029, 1031-1040,B3-B5)		1
1041	MBS1323EVS-1041	Bracket		2
1042	MBS1323EVS-1042	Slide Way		1
1043	MBS1323EVS-1043	Blade Guide Post		2
1044	MBS1323EVS-1044	Locking Piece		2
1045	MBS1323EVS-1045	Carbide Guide		4
1046	MBS1323EVS-1046	Top Carbide Guide		2
1047	MBS1323EVS-1047	Disc Spring		4
1048	MBS1323EVS-1048	Carbide Guide Adjusting Screw		2

Index No	Part No	Description	Size	Qty
1049	MBS1323EVS-1049	Guide Adjusting Boss		2
1049-1	MBS1323EVS-1049-1	Guide Cover		1
1049-2	MBS1323EVS-1049-2	Socket Head Cap Screw	3/16" x 3/8"	2
1049-3	MBS1323EVS-1049-3	Washer		2
1049A	F012008	Roll Pin	ø5/16" x 1"	2
1050	MBS1323EVS-1050	Retaining Plate		2
1051	MBS1323EVS-1051	Bearing Spindle		2
1052	MBS1323EVS-1052	Bearing Spindle		2
1053	TS-0680031	Flat Washer	5/16"	4
1054	TS-0208071	Socket Head Cap Screw	5/16" – 18 x 1-1/4"	2
1055	TS-0208101	Socket Head Cap Screw	5/16" – 18 x 2"	2
1056	TS-0270061	Set Screw	5/16" – 18 x 5/8"	2
1057	F004751	Socket Head Cap Screw	#10-32 x 3/8"	2
1058	MBS1323EVS-1058	Round HD Screw	5/32" – 24 x 3/8"	4
1059	TS-0209061	Socket Head Cap Screw	3/8" – 16 x 1-1/4"	2
1060	TS-0267071	Set Screw	1/4" – 20 x 3/4"	4
1061	EHB916V-158	Special Knob		2
1062	MBS1323EVS-1062	Washer	3/8"	2
1063	MBS1323EVS-1063	Guard		1
1064	MBS1323EVS-1064	Socket Head Cap Screw	1/2" – 12 x 1-1/4"	4
1065	MBS1323EVS-1065	Nut		1
1066	MBS1323EVS-1066	Check Washer		1
1067	F004750	Socket Head Cap Screw	3/16" – 24 x 3/8"	8
1068	TS-0209081	Socket Head Cap Screw	3/8" – 16 x 1-3/4"	6
1069	MBS1323EVS-1069	Socket Head Cap Screw	1/2" – 12 x 1-1/2"	6
1070	MBS1323EVS-1070	Tension Frame		1
1070-1	MBS1323EVS-1070-1	Handle Grip		1
1071	MBS1323EVS-1071	Angle Bracket		1
1072	MBS1323EVS-1072	Cover Assembly R.H		1
1072-1	EHB916V-167	Handle		2
1072-2	MBS1323EVS-1072-2	Guard		1
1072-3	EHB916V-88	Knob		2
1073	MBS1323EVS-1073	Cover Assembly L.H		1
	MBS1323EVS-PCA	Pulley Cover Assembly (includes 1074, 1075)		1
1074	MBS1323EVS-1074	Upper Guard		1
1075	MBS1323EVS-1075	Lower Guard		1
1075-1	EHB916V-88	Knob		2
1076	MBS1323EVS-1076	Belt	A-57	2
1077	MBS1323EVS-1077	Gear Box Pulley		1
1078	9180-87	Key, Double Rd Hd	8 x 7 x 50L	1
1079	MBS1323EVS-1079	Pivot Bracket		1
1080	MBS1323EVS-1080	Pin	ø12	1
1081	TS-0208071	Socket Head Cap Screw	5/16" – 18 x 1-1/4"	3
1082	TS-0206021	Socket Head Cap Screw	#10 – 24 x 1/2"	2
1083	TS-0209061	Socket Head Cap Screw	3/8" – 16 x 1-1/4"	3
1084	TS-0267061	Socket Set Screw	1/4" – 20 x 5/8"	4
1085	TS-0060051	Hex Cap Screw	3/8" – 16 x 1"	4
1086	MBS1323EVS-1086	Motor Support		1
1086-1	MBS1323EVS-1086-1	Handle Grip		1
1086A	MBS1323EVS-1086A	Special Screw		1
1087	TS-0267061	Socket Set Screw	1/4" – 20 x 5/8"	2
1088	MBS1323EVS-1088	Fixed Frame		1
1089	MBS1323EVS-1089	Adjusting Bracket		1
1090	MBS1323EVS-1090	Brush Spindle		1
1091	MBS1323EVS-1091	Brush Housing		1
1092	MBS1323EVS-1092	Wire Brush		1
1093	MBS1323EVS-1093	Washer		1
1094	JJ6-23C	Hex Jam Nut	1/2" – 12	1
1095	TS-0267061	Socket Set Screw	1/4" – 20 x 5/8"	2
1096	TS-0267061	Socket Set Screw	1/4" – 20 x 5/8"	2
1097	TS-0267061	Socket Set Screw	1/4" – 20 x 5/8"	2

Index No	Part No	Description	Size	Qty
1098	MBS1323EVS-1098	Strap		1
1099	MBS1323EVS-1099	Special Washer		1
1100	MBS1323EVS-1100	Brush Spindle		1
P1	EHB916V-08	Roll Pin	M5x30	1
P2	EHB916V-253	Roll Pin	6øx30ø	2
B1	BB-6306	Bearing	6306#	2
B2	BB-51103	Thrust Bearing	51103#	2
B3	BB-30206	Bearing	30206#	2
B4	BB-30208	Bearing	30208#	2
B5	BB-30208	Bearing	30208#	2
B6	BB-6201ZZ	Bearing	6201#	4
M	MBS1323EVS-M	Motor	3HP, 230/460V, 3PH	1
	414403	Blade (not shown)	1-1/4" x 0.043" x 172" (4/6T)	1
	JET-254	JET Logo (not shown)	254 x 105mm	1
	LM000250	Warning Label (not shown)	4" x 3"	1
	MBS1323EVS-TBC	Toolbox Complete (not shown; see sect. 5.1 for contents)		1

13.2.1 MBS-1323EVS-H Base Assembly – Exploded View

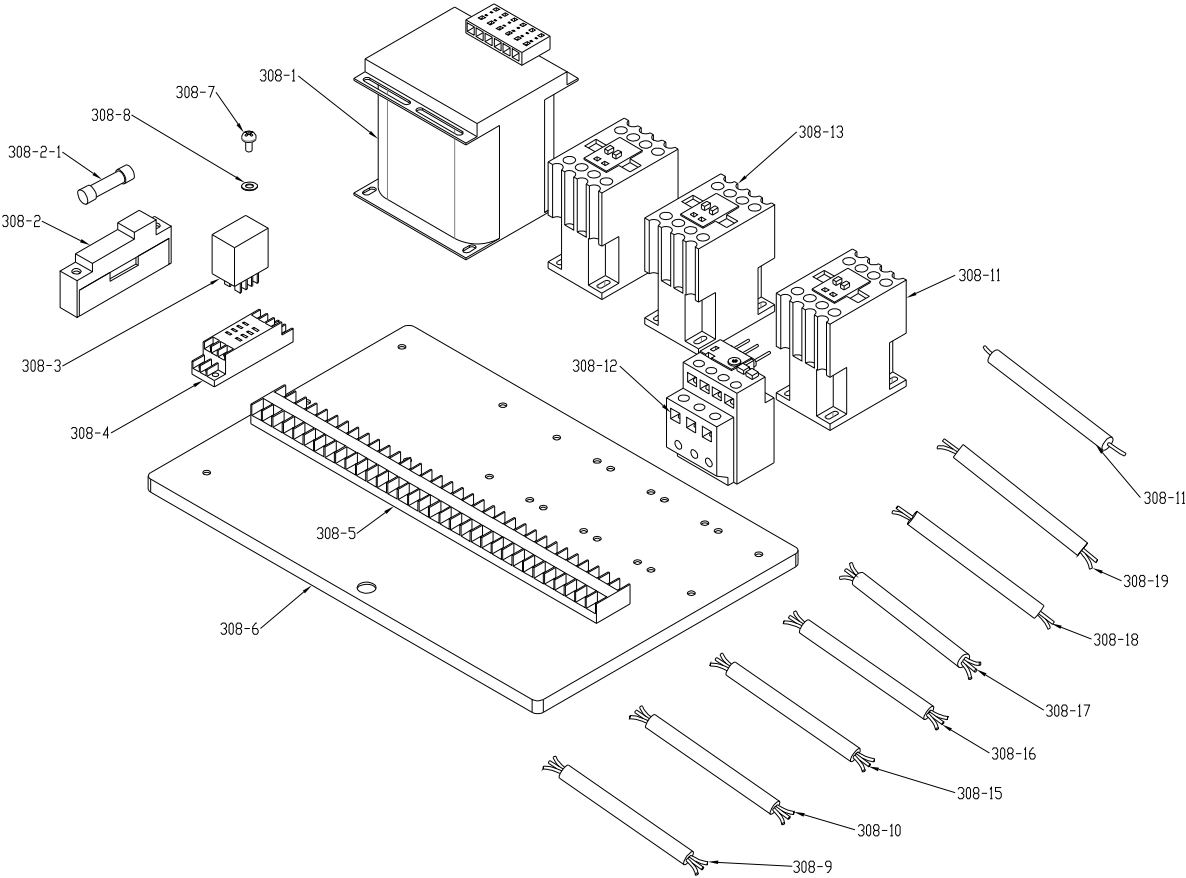


13.2.2 MBS-1323EVS-H Base Assembly – Parts List

Index No	Part No	Description	Size	Qty
1101	MBS1323EVS-1101	Coolant Pan W/Coupling		1
1101-1	MBS1323EVS-1101-1	Coolant Pump	1/8HP,220/440V,3PH	1
1101-2	MBS1323EVS-1101-2	Coolant Tank		1
1101-3	MBS1323EVS-1101-3	Coolant Gauge		1
1101-4	MBS1323EVS-1101-4	Door		1
1101-5	MBS1323EVS-1101-5	Lock W/O Key		1
1101-6	EHB916V-96	3 Way Coolant Block		1
1101-7	MBS1323EVS-1101-7	Door		1
1101-8	EHB916V-278	Gun Set		1
1102	MBS1323EVS-1102	Arch Seat		1
1103	MBS1323EVS-1103	Door		1
1103-1	MBS1323EVS-1103-1	Lock W/Key		3
1104	MBS1323EVS-1104	Door		1
1105	MBS1323EVS-1105	Rotating Seat		1
1106	MBS1323EVS-1106	Pivot Fixed Seat		1
1106-1	MBS1323EVS-1106-1	Special Washer		1
1107	TS-0060061	Hex Cap Screw	3/8" – 16 x 1-1/4"	1
1108	5303761	Hex Jam Nut	3/8"	1
1109	MBS1323EVS-1109	Pivot Shaft		1
1110	MBS1323EVS-1110	Special Washer		1
1111	TS-0209051	Socket Head Cap Screw	3/8" – 16 x 1"	2
1112	MBS1323EVS-1112	Socket Head Cap Screw	1/2" – 12 x 3"	4
1113	TS-0561021	Hex Nut	5/16"-18	1
1114	TS-0060061	Hex Cap Screw	3/8" – 16 x 1-1/4"	1
1115	5303761	Hex Jam Nut	3/8"	1
1116	F005003	Socket Head Cap Screw	5/8" – 11 x 3"	1
1117	F012263	Hex Jam Nut	5/8"-11	1
1118	MBS1323EVS-1118	Pivot Shaft for Dashpot		1
1119	EGH1880-B09	Ext. Retaining Ring	S-25	1
1120	MBS1323EVS-1120	Dashpot		1
1121	MBS1323EVS-1121	Fixed Seat		1
1122	MBS1323EVS-1122	Bracket		2
1123	MBS1323EVS-1123	Height Adjustment Plate		1
1123-1	MBS1323EVS-1123-1	Limit Switch		2
1123-2	TS-0060031	Hex Cap Screw	3/8"-16 x 3/4"	1
1124	MBS1323EVS-1124	Special Washer	3/8"	1
1125	EHB916V-261	Knob		1
1126	TS-0267061	Socket Set Screw	1/4" – 20 x 5/8"	2
1126A	MBS1323EVS-1126A	Washer	1/4"	2
1127	TS-0271031	Socket Set Screw	3/8" – 16 x 3/8"	3
1128	MBS1323EVS-1128	Locking Screw		1
1129	MBS1323EVS-1129	Special Washer	1/2"	1
1130	MBS1323EVS-1130	Special Washer		1
1131	MBS1323EVS-1131	Eccentric		1
1132	TS-0208091	Socket Head Cap Screw	5/16" – 18 x 1-3/4"	1
1133	F012263	Hex Jam Nut	5/8"-11	1
1134	MBS1323EVS-1134	Shaft		1
1135	MBS1323EVS-1135	Handle		1
1136	MBS1323EVS-1136	Pivot Shaft		1
1137	MBS1323EVS-1137	Angle Bracket Spacer		1
1138	TS-0208091	Socket Head Cap Screw	5/16" – 18 x 1-3/4"	5
1138A	TS-0267071	Socket Set Screw	1/4" – 20 x 3/4"	3
1139	MBS1323EVS-1139	Table		1
1140	TS-0208061	Socket Head Cap Screw	5/16" – 18 x 1"	4
1141	TS-0208081	Socket Head Cap Screw	5/16" – 18 x 1-1/2"	4
1142	MBS1323EVS-1142	Fixed Vise Jaw		1
1143	EHB1018VM-200	Adjustable Handle		1
1144	MBS1323EVS-1144	Block		1
1145	MBS1323EVS-1145	Moveable Bed		1
1146	MBS1323EVSH-1146	Cylinder Frame		1

Index No	Part No	Description	Size	Qty
1147	TS-0090061	Hex Cap Screw	3/8" – 16 x 1-1/4"	4
1148	MBS1323EVSH-1148	Floating Vise Jaw		1
1149	TS-0209061	Socket Head Cap Screw	3/8" – 16 x 1-1/4"	2
1150	MBS1323EVS-1150	Connecting Shaft		1
1151	MBS1323EVS-1151	Block		1
1152	MBS1323EVSH-1152	Pin	∅6	1
1153	MBS1323EVSH-1153	Vise Slide Block		1
1154	MBS1323EVSH-1154	Hydraulic Cylinder		1
1154-1	EHB1018VMH-326-1	Vise Pressure Gauge		1
1154-2	EHB1018VMH-326-2	Straight Fitting		1
1154-3	EHB1018VMH-326-3	T-Fitting		1
1154-4	EHB1018VMH-326-4	Elbow Fitting		1
1154-5	EHB1018VMH-326-5	Straight Fitting		1
1155	MBS-1018-1-263-1	Support Seat		1
1156	EHB1018VM-256	Locking Piece		1
1157	TS-0680061	Flat Washer	1/2"	1
1158	TS-0561051	Hex Nut	1/2"-12	2
1159	MBS-1018-1-276	Seat		1
1160	EHB1018VM-277	Movable Block		1
1161	TS-0051051	Hex Cap Screw	5/16"-18x1"	2
1163	MBS1323EVS-1163	Stop Block		1
1164	TS-0267091	Socket Set Screw	1/4" – 20 x 1"	4
1165	EHB916V-261	Knob		1
1166	MBS1323EVS-1166	Pivot Shaft		1
1167	EHB916V-261	Knob		2
1168	MBS1323EVS-1168	Stop Bracket		1
1169	MBS1323EVS-1169	Bar		1
1170	MBS1323EVS-1170	Set Screw	1/4" – 20 x 3/4"	6
1171	TS-0208061	Socket Head Cap Screw	5/16" – 18 x 1"	3
1172	MBS1323EVS-1172	Sliding Surface		1
1175	MBS1323EVS-1175	Control Box		1
1176	EHB916V-289	Socket Head Button Screw	3/16" – 24 x 3/8"	6
1177	MBS1323EVS-1177	Control Panel		1
1178	TS-0208071	Socket Head Cap Screw	5/16" – 18 x 1-1/4"	10
1179	TS-0273042	Socket Set Screw	1/4" – 20 x 3/4"	10
1180	MBS1323EVS-1180	Feed Knob		1
1181	EHB1018VM-301	Start Switch		1
1182	EHB1018VM-302	Stop Switch		1
1183	EHB1018VM-301-1	Vise Clamp/Unclamp Switch		2
1184	EHB916V-305	Power Indicator Light		1
1185	EHB1018VM-303	Selection Switch		3
1186	MBS1323EVS-1186	Frequency Inverter	for 230V	1
	MBS1323EVS-1186-4	Frequency Inverter	for 460V	1
1187	MBS1323EVS-1187	Frequency Inverter Knob with Variable Resistor (VR)		1
1188	EHB1018VM-304	Emergency Switch		1
1189	EHB916V-167	Handle		1
1190	EHB1018VM-321	Hydraulic Motor	1/4HP	1
1191	EHB1018VMH-322	Direction Valve		1
1192	EHB1018VMH-322	Direction Valve		1
1193	EHB1018VMH-324	Manifold Block		1
1194	EHB1018VM-325	Hydraulic Pump		1
1195	MBS1323EVS-1195	Oil Box		1
1196	EHB1018VM-327	Solenoid Valve		1
	LM000264	ID/Warning Label, MBS-1323EVS-H (not shown)		1

13.3.1 MBS-1323EVS-H Electrical Box Assembly – Exploded View



13.3.2 MBS-1323EVS-H Electrical Box Assembly – Parts List

Index No	Part No	Description	Size	Qty
308-1	EHB1018VM-308-1	Transformer	230/460/12/24/110V	1
308-2	EHB916V-308-2	Fuse Block	32A	1
308-2-1	EHB1018VM-308-2-1	Fuse	5A	1
308-3	EHB1018VM-308-3	Relay	250V10A	1
308-4	EHB1018VM-308-4	Relay Socket		1
308-5	EHB1018VM-308-5	Terminal Block		11
308-6	EHB1018VM-308-6	Electrical Plate		1
308-7	EHB1018VM-308-7	Round Head Screw	3/16"x3/8"	54
308-8	TS-0680011	Washer	3/16"	54
308-9	MBS1323EVS-308-9	Power Cable		1
308-10	MBS1323EVS-308-10	Control Cable		1
308-11	MBS1323EVS-308-11	Ground Cable	Yellow/Green	1
308-12	MBS1323EVS-308-12	Overload Relay	0.35-0.5A	1
308-13	EHB1018VM-308-13	Magnetic Contactor	CU-11 110V	3
308-15	MBS1323EVS-308-15	Motor Cable		1
308-16	MBS1323EVS-308-16	Pump Cable		1
308-17	MBS1323EVS-308-17	Hydraulic Cable		1
308-18	MBS1323EVS-308-18	Limit Switch Cable	650mm L	1
308-19	MBS1323EVS-308-19	Limit Switch Cable	550mm L	1