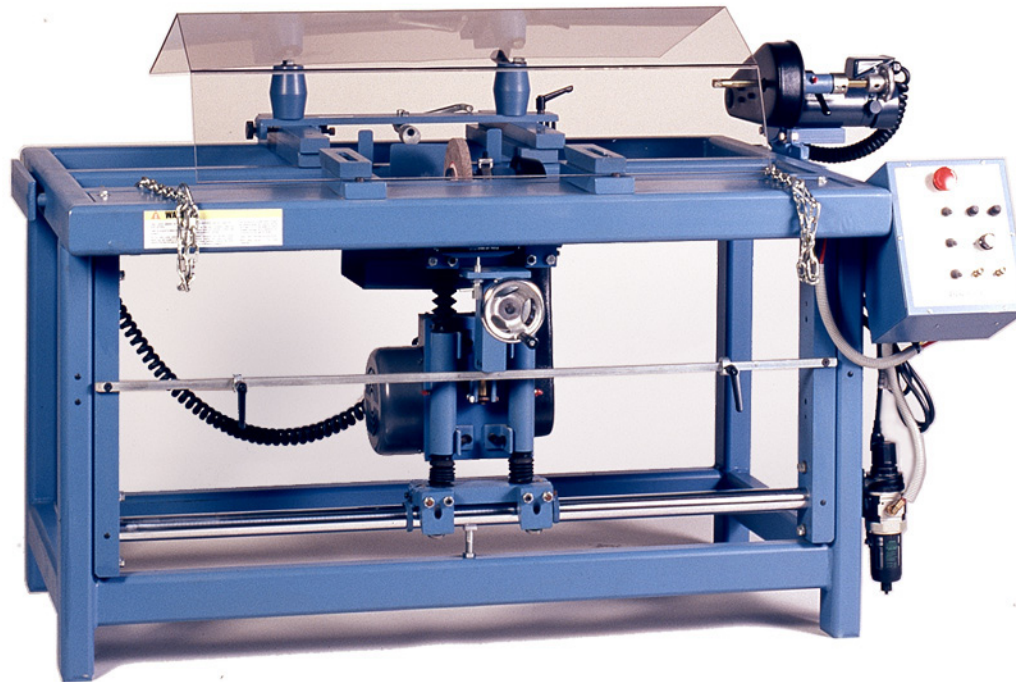


Peerless™ 1500 Parts Manual

SIP
Simplex Ideal Peerless



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Part Number 20001-02-37069

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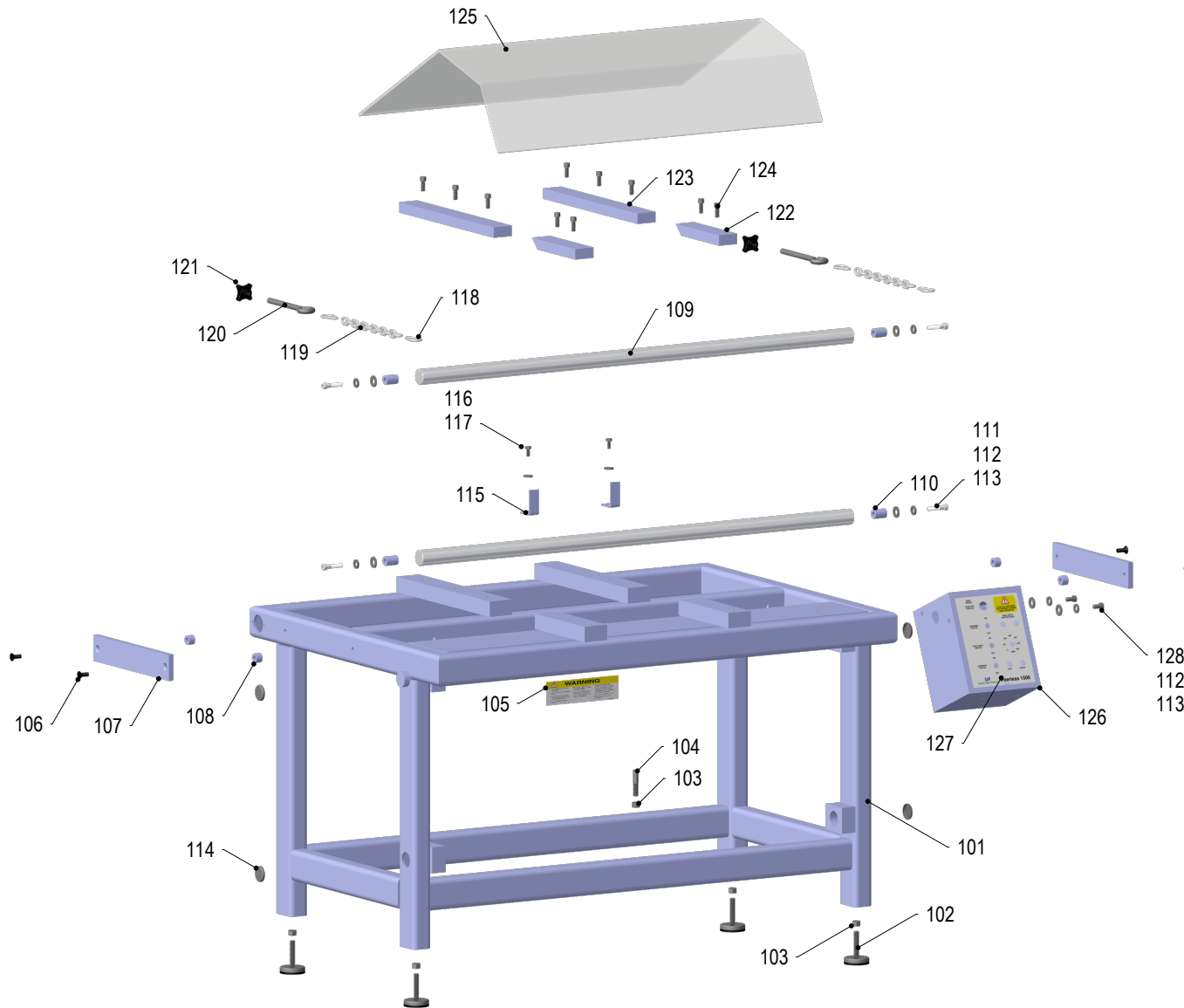
Introduction

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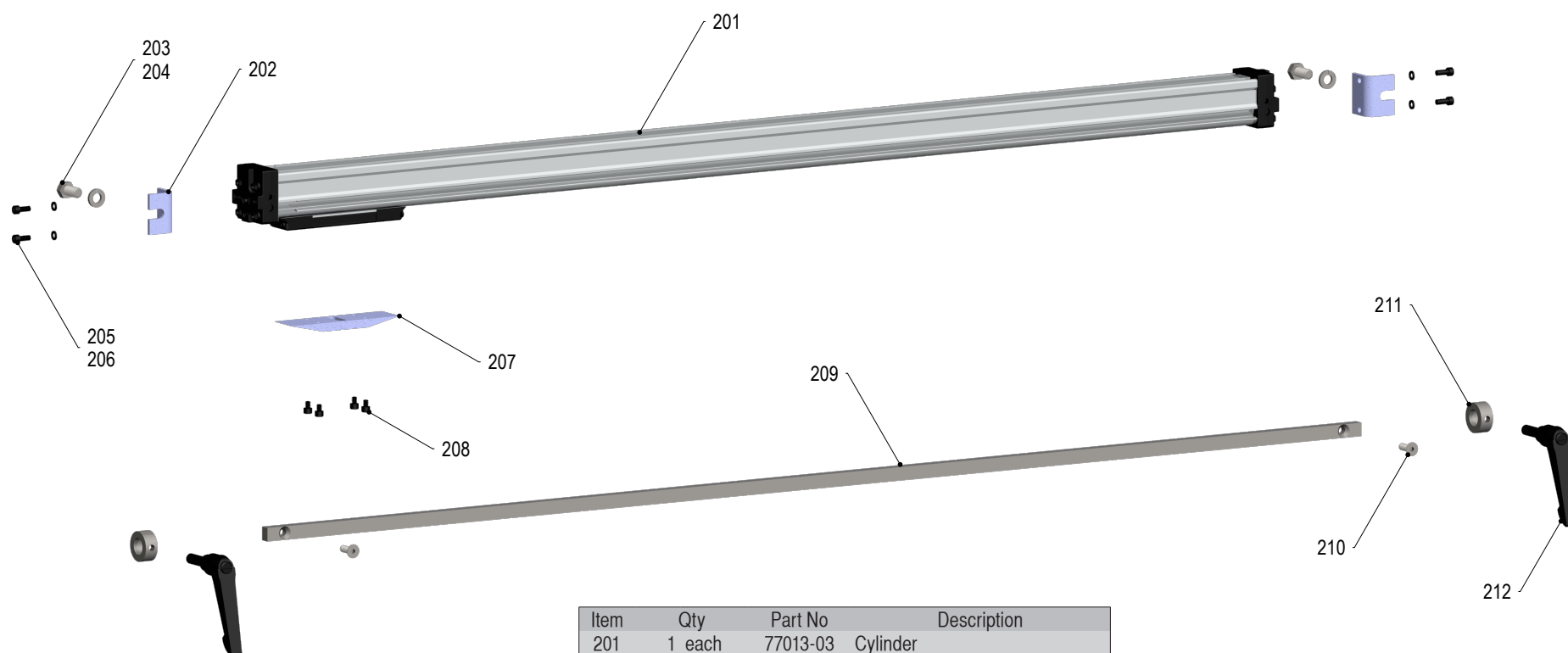
To order replacement parts, please supply your dealer with the part number, quantity, and description of each part. Each part in the illustration has an item number. The item number for a part also appears in the parts list, with information about the part.

Table



Item	Qty	Part No	Description
101	1 each	77601-01	Table
102	4 each	77219-02	Machine Foot Mount
103	5 each	12008-01	1/2-13 Nut
104	1 each	77335-01	Support Stud
105	1 each	70001-03	Warning Label
106	4 each	14506-10	3/8-16 x 1 Flat Socket Head Bolt
107	2 each	77217-01	Spin Motor Mount
108	4 each	77445-01	Back Stop Spacer
109	2 each	71305-06	Hard Chrome Track Shaft
110	4 each	77445-02	Spacer
111	4 each	12406-16	3/8-16 x 1-3/4 Socket Cap Screw
112	6 each	12106-01	3/8 Lock Washer
113	6 each	12206-01	3/8 Washer
114	4 each	77334-02	Plug
115	2 each	77206-02	Roller Stop
116	4 each	12304-06	1/4-20 x 3/4 Bolt
117	4 each	12104-01	1/4 Lock Washer
118	4 each	77104-08	Locking Hook
119	4 feet	77104-00	3/16 Chain
120	2 each	14108-60	1/2-13 x 6 Eye Bolt
121	2 each	77030-03	Adjusting Knob
122	2 each	77203-03	Front Reel Support Rail
123	2 each	77205-03	Rear Reel Support Rail
124	12 each	14606-10	3/8-16 x 1 SS Socket Cap Screw
125	1 each	77353-01	Lexan Shield
126	1 each	77611-01	Switch Box
127	1 each	70006-01	Face Plate
128	2 each	12306-06	3/8-16 x 3/4 Bolt

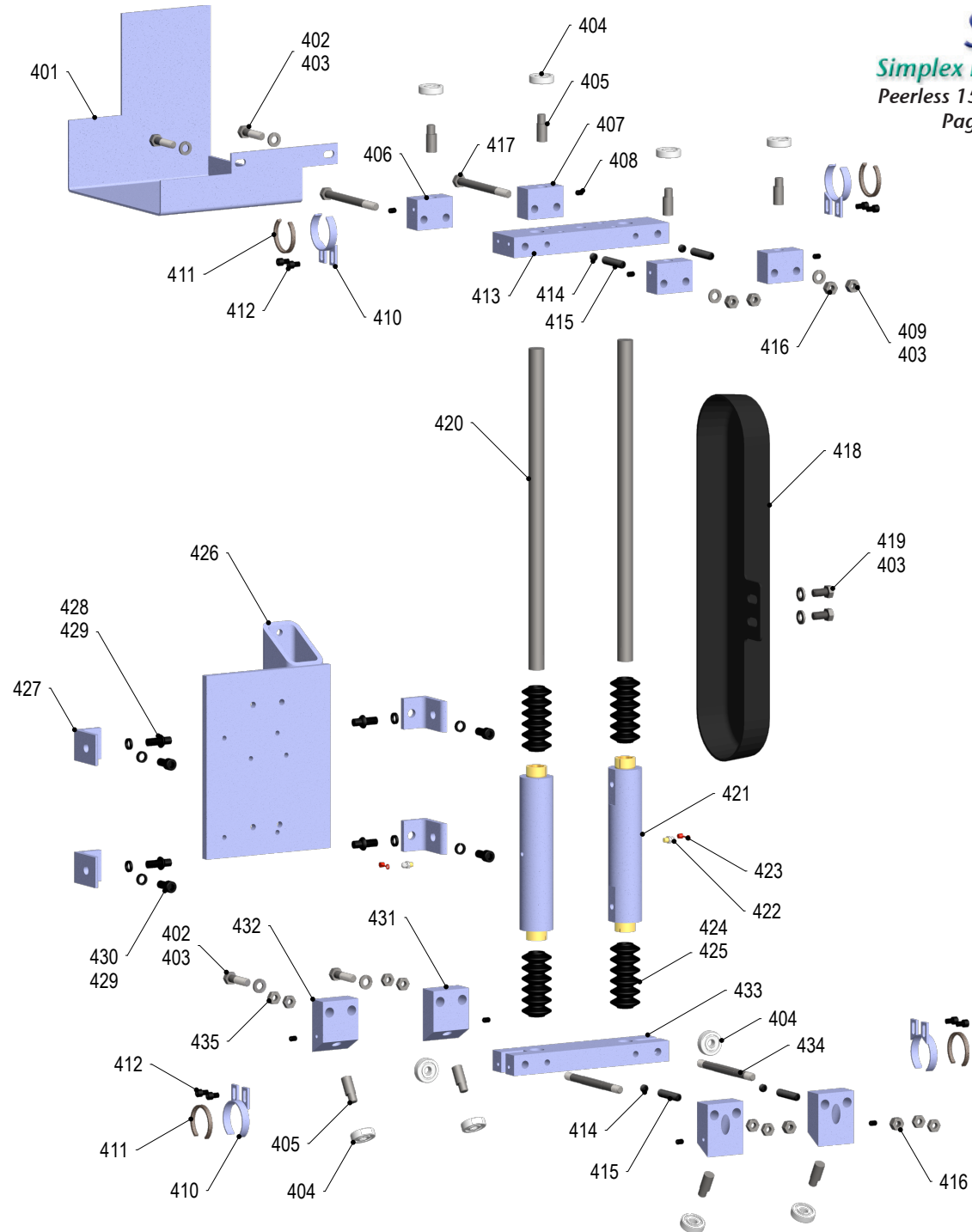
Carriage Cylinder



Item	Qty	Part No	Description
201	1 each	77013-03	Cylinder
202	2 each	77213-02	Cylinder Mounting Bracket
203	2 each	12306-06	3/8-16 x 3/4
204	2 each	12106-01	3/8 Lock Washer
205	4 each	12403-04	#10-24 x 1/2 Socket Cap Screw
206	4 each	12103-01	#10 Lock Washer
207	1 each	77215-02	Cylinder Latch Bracket
208	4 each	12403-02	#10-24 x 1/4 Socket Cap Screw
209	1 each	77207-05	Reversing Rod
210	2 each	13004-06	1/4-20 x 3/4 Socket Flat Head
211	2 each	74027-02	Stop Collar
212	2 each	77048-04	Locking Screw

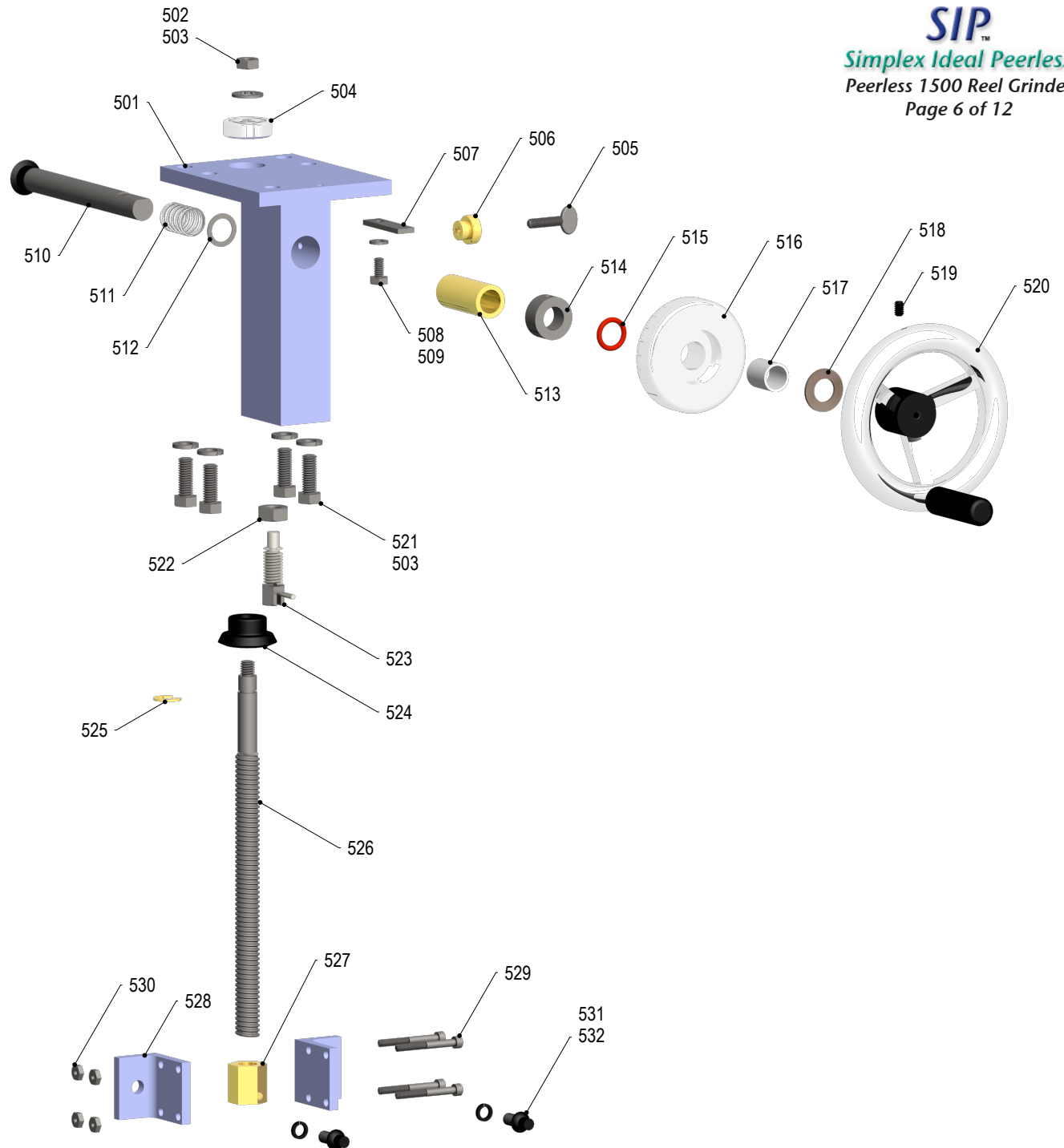
Grinding Carriage

Item	Qty	Part No	Description
401	1 each	77291-01	Dust Collector
402	4 each	12306-14	3/8-16 x 1-1/2 Bolt
403	8 each	12106-01	3/8 Lock Washer
404	10 each	16129-00	Bearing
405	8 each	77225-01	Eccentric Bearing Axle
406	2 each	77223-01	Upper Bearing Block Right
407	2 each	77223-02	Upper Bearing Block Left
408	8 each	14704-03	1/4-20 x 3/8 Set Screw
409	2 each	13606-01	3/8-16 Lock Nut
410	4 each	77231-01	Dust Wipe Mount
411	18 inch	11027-00	Dust Wipe
412	8 each	12404-03	1/4-20 x 3/8 Socket Head Bolt
413	1 each	77227-01	Upper Bearing Support
414	4 each	12606-03	3/8-16 x 3/8 Cone Point Set Screw
415	4 each	12506-16	3/8-16 x 1-3/4 Set Screw
416	2 each	12306-44	3/8-16 x 4-1/2 Bolt
417	6 each	13606-01	3/6-16 Lock Nut
418	1 each	77262-01	Belt Guard
419	2 each	12306-06	3/8-16 x 3/4 Bolt
420	2 each	77233-01	Carriage Shaft
421	2 each	77236-01	Motor Plate Tube & Bushings
422	2 each	15010-01	Grease Fitting
423	2 each	15010-02	Grease Fitting Cap
424	4 each	77324-01	Boot
425	8 each	15023-03	Wire Tie
426	1 each	77235-01	Motor Plate
427	4 each	77234-01	Motor Plate Bracket
428	4 each	14306-05	3/8-16 x 5/8 12 Point Bolt
429	8 each	12106-05	3/8 Hi-Collar Lock Washer
430	4 each	12406-04	3/8-16 x 1/2 Socket Head Bolt
431	2 each	77221-01	Lower Bearing Block Right
432	2 each	77221-02	Lower Bearing Block Left
433	1 each	77227-02	Lower Bearing Support
434	2 each	77229-01	Main Bearing Axle
435	8 each	12806-01	3/8-16 Jam Nut

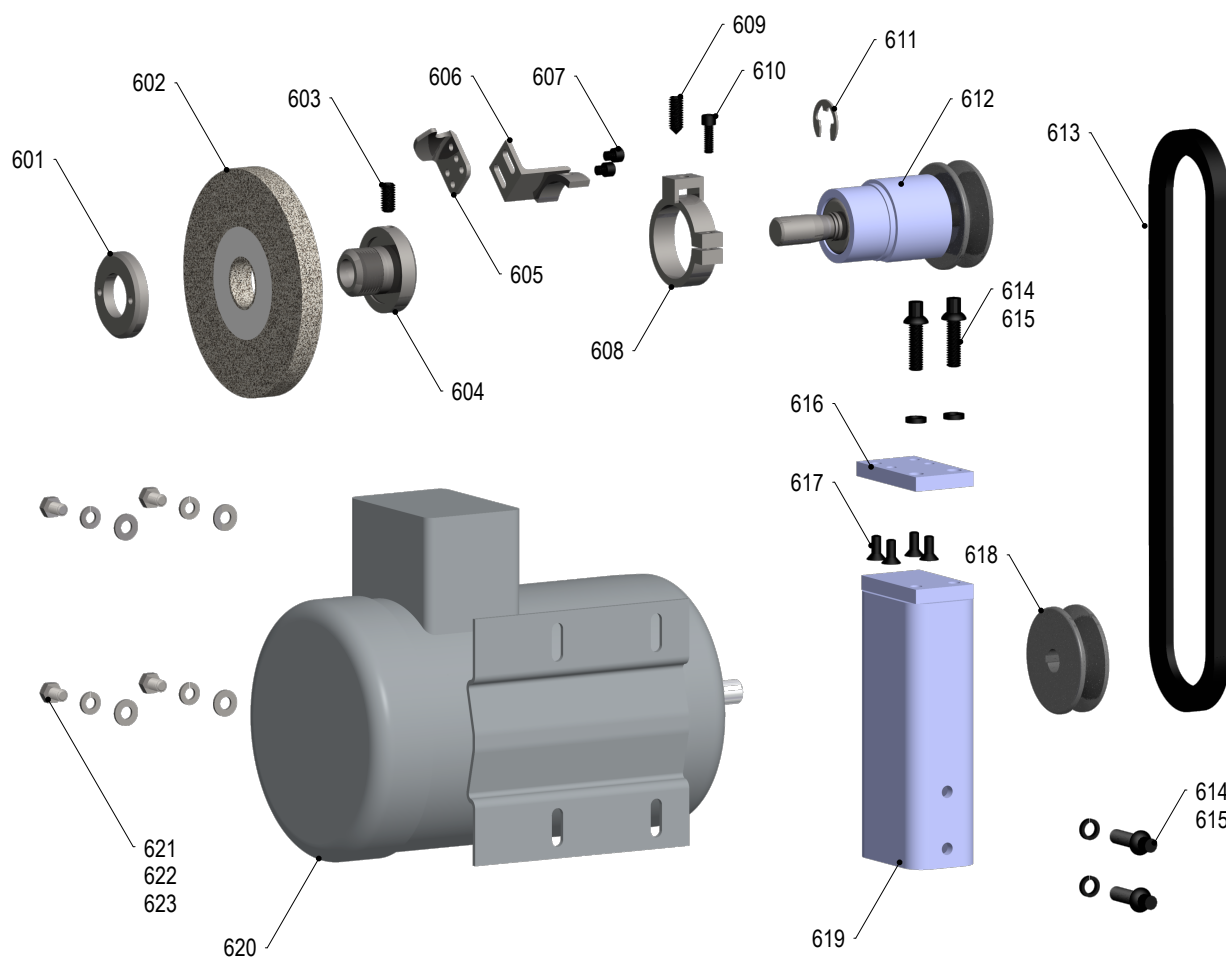


Infeed

Item	Qty	Part No	Description
501	1 each	77241-02	Hand Wheel Support
502	1 each	12806-01	3/8-16 Jam Nut
503	5 each	12106-01	3/8 Lock Washer
504	1 each	16129-01	Bearing
505	1 each	12704-11	Soft Tip Thumb Screw
506	1 each	77257-01	Brass Knurled Nut
507	1 each	77258-01	Pointer
508	1 each	12404-04	1/4-20 x 1/2 Bolt
509	1 each	12404-04	1/4 Lock Washer
510	1 each	77255-01	Hand Wheel Shaft
511	1 each	77254-01	Spring
512	1 each	77260-01	Shim
513	1 each	16350-02	Bushing
514	1 each	74027-02	Collar with Set Screw
515	1 each	15034-01	O-ring
516	1 each	77256-01	Hand Wheel Dial
517	1 each	72164-01	Bushing
518	1 each	75052-01	Fiber Washer
519	1 each	12505-03	5/16-18 x 3/8 Set Screw
520	1 each	74230-02	Hand Wheel
521	4 each	12406-10	3/8-16 x 1 Bolt
522	1 each	12808-01	1/2 Hex Jam Nut
523	1 each	77243-02	Plunger
524	1 each	77253-01	Bevel Gear with Set Screw
525	1 each	15011-03	C-Clip
526	1 each	77251-01	Feed Screw
527	1 each	77239-01	Feed Nut
528	1 each	77237-01	Feed Nut Mount
529	4 each	12403-16	#10-24 x 1-3/4 Socket Head Bolt
530	4 each	13603-01	#10-24 Lock Nut
531	2 each	14305-05	5/16-18 X 5/8 12 Point Bolt
532	2 each	12105-05	5/16 Hi-Collar Lock Washer

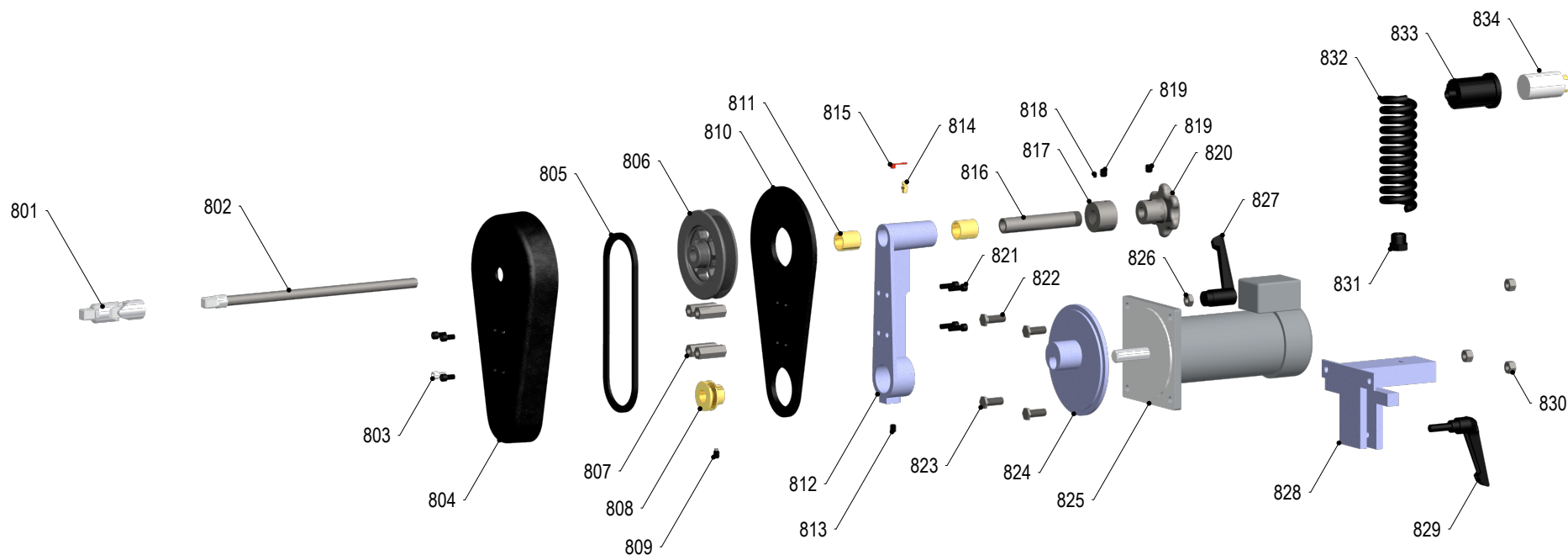


Grinding Head



Item	Qty	Part No	Description
601	1 each	75010-02	Nut
602	1 each	79150-01	Relief Grinding Wheel
603	1 each	12506-06	3/8-16 x 3/4 Set Screw
604	1 each	77287-01	Hub
605	1 each	74256-02	Finger Point
605	1 each	71028-01	Finger Point (alternate)
606	1 each	77264-01	Finger Point Mount
607	2 each	12404-02	1/4-20 x 1/4 Socket Head Bolt
608	1 each	77265-02	Indexer Hub
609	2 each	12606-10	3/8-16 x 1 Cone Point Set Screw
610	1 each	12404-06	1/4-20 x 3/4 Socket Head Bolt
611	1 each	15011-02	C-Clip
612	1 each	76390-10	Bearing Arbor Assembly
613	1 each	73050-36	36 Inch V-Belt
614	4 each	14306-05	3/8-16 x 5/8 12 Point Bolt
615	4 each	12106-05	3/8 Hi-Collar Lock Washer
616	1 each	76395-01	Arbor Mounting Plate
617	4 each	13004-05	1/4-20 x 5/8 Flat Head Screw
618	1 each	71409-03	Pulley
619	1 each	76400-01	Arbor Support
620	1 each	76177-05	1 HP Electric Motor
621	4 each	12305-04	5/16-18 x 1/2 Bolt
622	4 each	12105-01	5/16 Lock Washer
623	4 each	12205-01	5/16 Washer

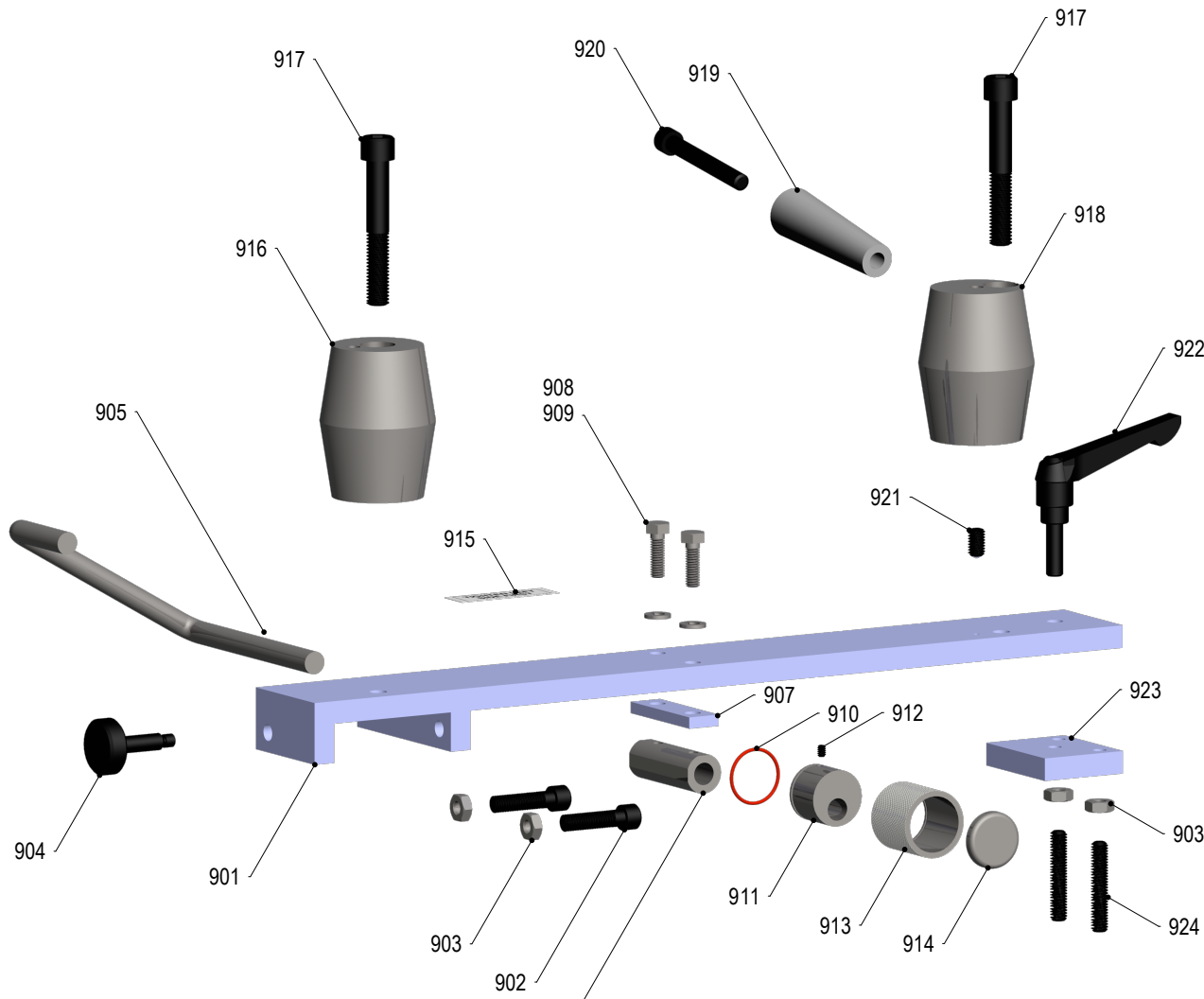
Spin Motor



Item	Qty	Part No	Description
801	1 each	77309-02	Flex Coupler
802	1 each	77309-01	Spin Motor Shaft
803	4 each	12404-04	1/4-20 x 1/2 Socket Head Bolt
804	1 each	77305-01	Belt Guard
805	1 each	73050-24	24 Inch V Belt
806	1 each	71409-05	Pulley
807	4 each	13504-01	1/4-20 x 1-1/2 Coupling Nut
808	1 each	77112-01	Pulley
809	1 each	77112-02	5/16-18 x 3/8 Set Screw with Tip
810	1 each	77306-01	Belt Guard Plate
811	2 each	16350-03	Bushing
812	1 each	77303-01	Radius Arm
813	1 each	12505-03	5/16-18 x 3/8 Set Screw
814	1 each	15010-01	Grease Fitting
815	1 each	15010-02	Grease Fitting Cap
816	1 each	77307-11	Shaft Tube
817	1 each	77307-13	Shaft Tube End

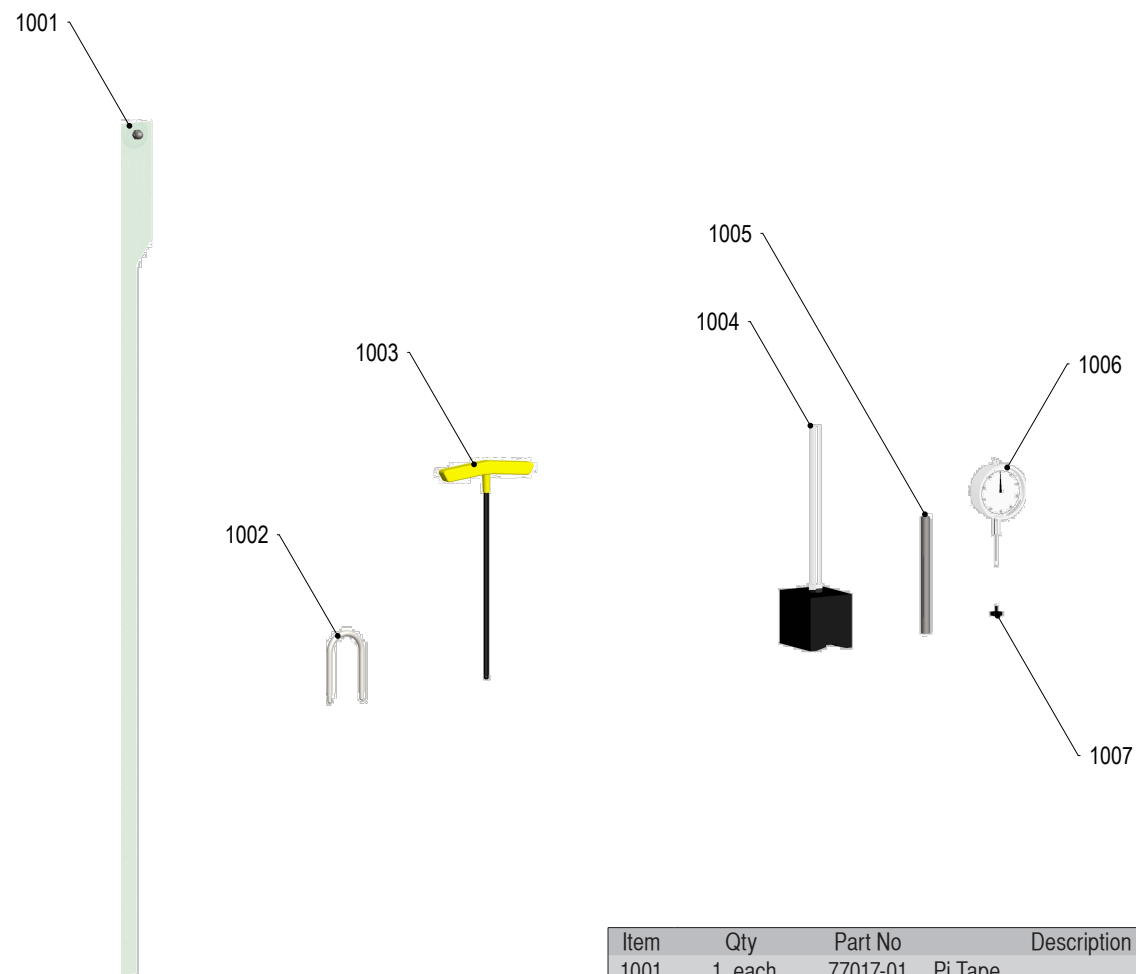
Item	Qty	Part No	Description
818	1 each	12503-02	#10-24 x 1/2 Set Screw
819	2 each	12506-03	3/8-16 x 3/8 Set Screw
820	1 each	77298-01	Knob
821	4 each	12404-06	1/4-20 x 3/4 Socket Head Bolt
822	1 each	77301-02	Clamping Bolt
823	3 each	77301-01	Retaining bolt
824	1 each	77299-01	Radius Arm Plate
825	1 each	77295-06	Spin Motor
826	1 each	12806-01	3/8-16 Jam Nut
827	1 each	77048-02	Locking Handle
828	1 each	77297-02	Spin Motor Bracket
829	1 each	77048-01	Locking Screw
830	3 each	12006-01	3/8 Nut
831	1 each	75093-13	Strain Relief
832	1/2 each	75093-12	Coiled Cord
833	1 each	75104-07	Plug Boot
834	1 each	75104-08	Locking Plug

Fence



Item	Qty	Part No	Description
901	1 each	77311-03	Fence Base
902	2 each	14606-14	3/8-16 x 1-1/2 SS Socket Head Bolt
903	4 each	12806-01	3/8-16 Hex Jam Nut
904	1 each	77310-01	Toggle Bolt
905	1 each	77314-01	Reel Jack Handle
906	1 each	77315-01	Reel Jack Bracket
907	1 each	77315-02	Spacer
908	2 each	12305-10	5/16-18 x 1 Bolt
909	2 each	12105-01	5/16 Lock Washer
910	1 each	15034-02	O-ring
911	1 each	77316-02	Reel Jack Cam
912	1 each	12503-02	#10-24 x 1/4 Set Screw
913	1 each	77330-02	Jack Roller
914	1 each	77334-01	Plug
915	1 each	70011-01	Tighten Left Label
916	1 each	77313-03	Fixed Post
917	2 each	12408-32	1/2-13 x 3-1/4 Socket Head Bolt
918	1 each	77313-04	Adjustable Post
919	1 each	72351-03	Handle
920	1 each	12406-30	3/8-16 x 3 Socket Head Bolt
921	1 each	77247-02	Detent Plunger
922	1 each	77048-03	Locking Handle
923	1 each	77312-01	Fence Clamp
924	2 each	12506-16	3/8-16 x 1-3/4 Set Screw

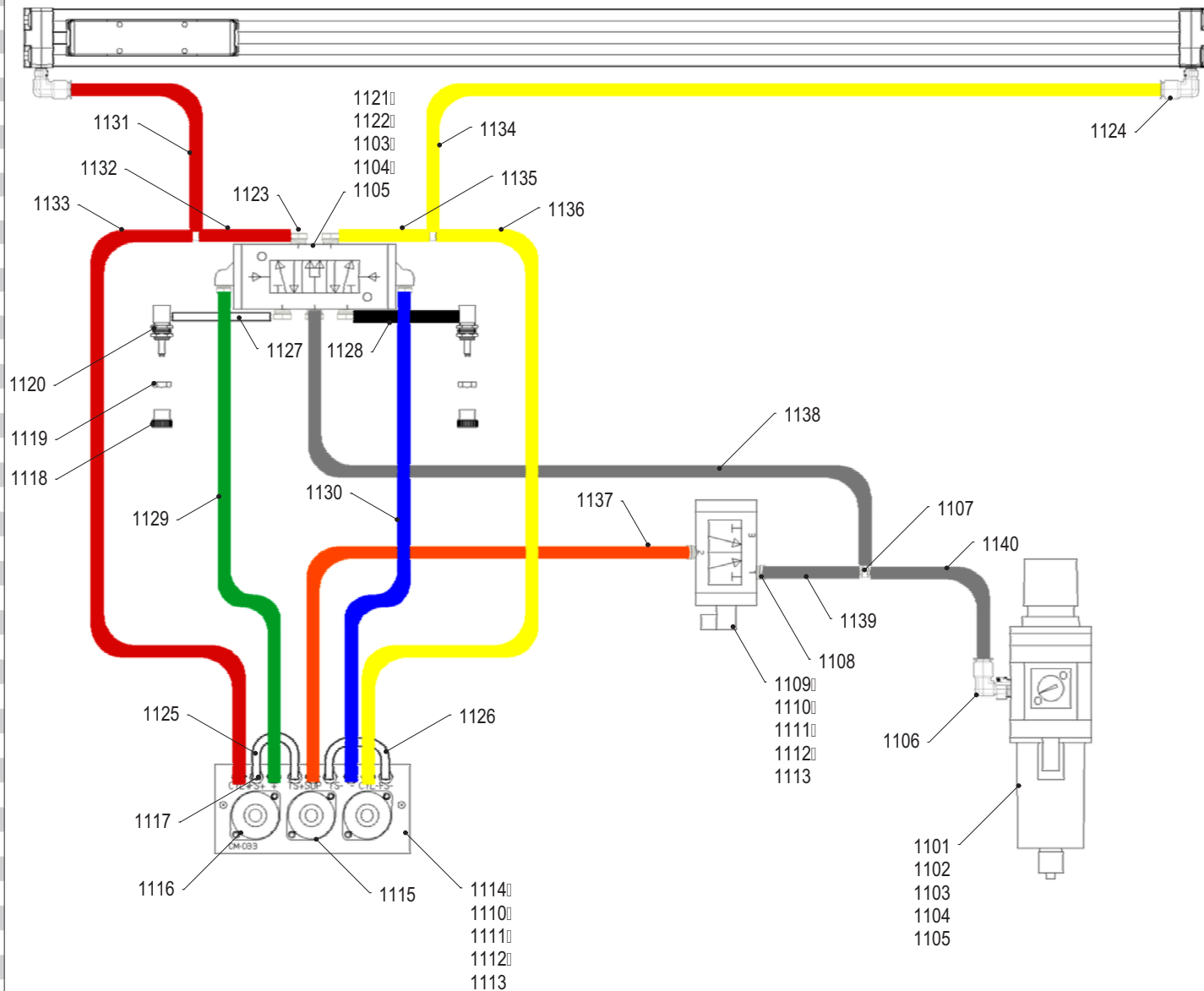
Tools



Item	Qty	Part No	Description
1001	1 each	77017-01	Pi Tape
1002	1 each	75011-01	U-Wrench
1003	1 each	77289-01	Allen Wrench
1004	1 each	77021-02	Magnetic Base
1005	1 each	79180-01	Diamond Dresser
1006	1 each	77021-01	Dial Indicator
1007	1 each	77021-03	Dial Indicator Flat Tip

Pneumatics

Item	Qty	Part No	Description
1101	1 each	15019-01	Filter Regulator
1102	2 each	12404-04	1/4-20 x 1/2 Socket Head Bolt
1103	4 each	12104-01	1/4 Lock Washer
1104	4 each	12204-01	1/4 Washer
1105	4 each	12004-01	1/4-20 Nut
1106	1 each	15014-25	1/4 x 1/4 NPT Male Swivel Elbow
1107	2 each	15014-61	Union Tee Hose Barb
1108	4 each	15014-75	1/8 x 1/8 NPT Hose Barb
1109	1 each	15021-03	Electric On-Off Valve
1110	4 each	12301-12	#6-32 x 1-1/4 Screw
1111	4 each	12201-01	#6 Washer
1112	4 each	12101-01	#6 Lock Washer
1113	4 each	12001-01	#6-32 Nut
1114	1 each	15017-04	Acrylic Sub Base
1115	2 each	15017-02	R301 Valve
1116	1 each	15017-03	R402 Valve
1117	11 each	15014-71	1/8 x #10-32 Hose Barb
1118	2 each	77257-02	#10-32 Knurled Nut
1119	2 each	12003-02	#10-32 Nut
1120	2 each	15020-02	Needle Valve
1121	1 each	15016-02	Air Pilot Valve
1122	2 each	12304-16	1/4-20 x 1-3/4 Bolt
1123	5 each	15014-76	1/8 x 1/8 NPT Elbow Hose Barb
1124	2 each	15014-21	1/4 x 1/8 NPT Male Swivel Elbow
1125	3 inches	15022-14	Polyurethane Tubing Clear
1126	4 inches	15022-14	Polyurethane Tubing Clear
1127	18 inches	15022-14	Polyurethane Tubing Clear
1128	18 inches	15022-17	Polyurethane Tubing Black
1129	5 inches	15022-15	Polyurethane Tubing Green
1130	5 inches	15022-12	Polyurethane Tubing Blue
1131	60 inches	15022-18	Polyurethane Tubing Red
1132	6 inches	15022-18	Polyurethane Tubing Red
1133	6 inches	15022-18	Polyurethane Tubing Red
1134	12 inches	15022-13	Polyurethane Tubing Yellow
1135	6 inches	15022-13	Polyurethane Tubing Yellow
1136	6 inches	15022-13	Polyurethane Tubing Yellow
1137	7 inches	15022-11	Polyurethane Tubing Orange
1138	14 inches	15022-16	Polyurethane Tubing Gray
1139	8 inches	15022-16	Polyurethane Tubing Gray
1140	2 inches	15022-16	Polyurethane Tubing Gray
1141	11 inches	15023-02	1/2 Tubing Lume
1142	5 each	15023-03	Wire Tie
1143	3 each	71351-03	Grommet
1144	1 each	71351-05	Grommet



Wiring

Item	Qty	Part No	Description
1201	2 each	75104-13	Contact Block
1202	1 each	75104-12	Mushroom Button
1203	1 each	75093-19	Toggle Switch
1204	3 each	75093-11	Toggle Boot
1205	2 each	75093-04	Toggle Switch
1206	1 each	77295-02	Controller Board
1207	2 each	12301-06	#6-32 x 3/4 Screw
1208	2 each	12201-01	#6 Washer
1209	2 each	12101-01	#6 Lock Washer
1210	2 each	12001-01	#6-32 Nut
1211	1 each	77295-07	Potentiometer
1212	1 each	77295-03	Knob
1213	2 each	75104-14	Fuse Holder
1214	2 each	75104-15	5 Amp Fuse
1215	2 each	75104-09	Spin Motor Outlet
1216	4 each	12303-03	#10-24 x 3/8 Screw
1217	12 inches	75092-21	14 Gauge Wire White
1218	12 inches	75092-22	14 Gauge Wire Black
1219	96 inches	75092-22	14 Gauge Wire Black
1220	12 inches	75092-22	14 Gauge Wire Black
1221	12 inches	75092-22	14 Gauge Wire Black
1222	12 inches	75092-02	20 Gauge Wire Black
1223	45 inches	75092-16	18 Gauge Wire Green
1224	57 inches	75092-16	18 Gauge Wire Green
1225	10 inches	75092-16	18 Gauge Wire Green
1226	12 inches	75092-06	20 Gauge Wire Green
1227	96 inches	75092-25	14 Gauge Wire Blue
1228	10 inches	75092-18	18 Gauge Wire Orange
1229	57 inches	75092-13	18 Gauge Wire Red
1230	45 inches	75092-13	18 Gauge Wire Red
1231	12 inches	75092-13	18 Gauge Wire Red
1232	12 inches	75092-03	20 Gauge Wire Red
1233	57 inches	75092-14	18 Gauge Wire Yellow
1234	45 inches	75092-14	18 Gauge Wire Yellow
1235	10 inches	75092-34	18 Gauge Wire Yellow/Black
1236	10 inches	75092-33	18 Gauge Wire Red/Black
1237	10 inches	75092-35	18 Gauge Wire Blue/Black
1238	10 inches	75092-36	18 Gauge Wire Green/Black
1239	12 each	75093-10	Spade Fastener
1240	5 each	75093-08	Wire Nut
1241	1/2 each	75093-12	Coiled Cord
1242	2 each	75093-13	Strain Relief
1243	1 each	75093-17	Power Cord

