

How to Use This Section of the Mark V

This section contains the information you will need to assemble and align your Mark V. Before you proceed, however, you must read the **Introduction** and **Safety** sections located in the first part of this manual.

After you have read the **Introduction** and **Safety** sections, get familiar with the various terms listed in the **Terms to Know**, starting on page B-2. These terms will be used throughout this manual and the text, **Power Tool Woodworking for Everyone**. Then become familiar with the **Specifications** for your Mark V, found on page B-4.

Starting on page B-5, you will find both the **Parts Lists and Exploded Views** of the Mark V and standard accessories. Notice the Reference Numbers. The **Assembly** and **Alignment** instructions have reference numbers in parentheses so you can better identify which part is being used and how it fits with the other parts.

NOTE

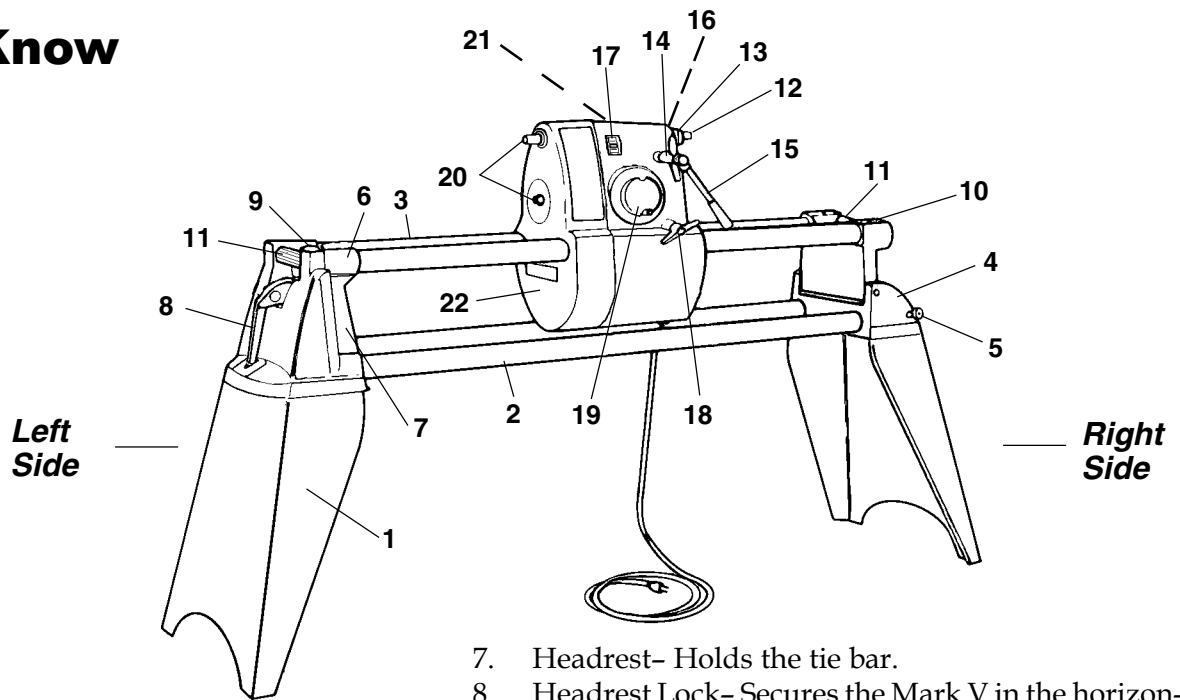
The floating extension table, connector tubes and telescoping legs which come with the Mark V have their own parts list and instructions. Refer to that product literature for safety, assembly, alignment and operation information.

After you have looked over the Parts Lists and Exploded Views, you are ready to assemble and align the Mark V. We strongly recommend that you do the steps in order. If you have a problem in assembling or aligning your Mark V, contact your Shopsmith Store or Customer Service, and we will be glad to help. The telephone number for our Customer Services Department is 800/762-7555.

After you have assembled and aligned your Mark V, go through the various **Mode Setups** and get familiar with what each one requires for safe and efficient operation. When you have read the **Introduction** and **Safety** sections and are familiar with the **Terms to Know**, **Parts Lists**, **Exploded Views**, plus have completed the **Assembly and Alignment** procedures, go to the tabbed **Operations** section for more specific information on each of the mode setups and capabilities.

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Terms to Know



The Shopsmith Mark V will perform all the functions of a table saw, disc sander, drill press, horizontal boring machine, and wood lathe.

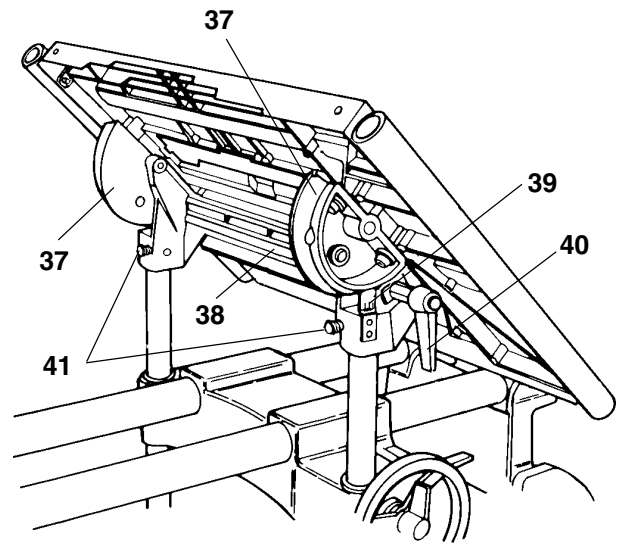
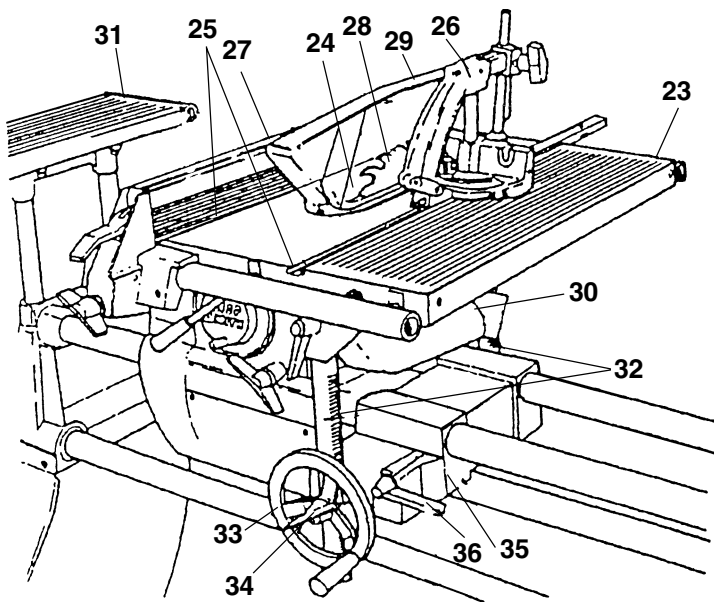
Basically, the Mark V is a rigid bench that holds the headstock and the worktable system. The upper part of this bench can be positioned horizontally or vertically. The headstock and the worktable slide independently and are positioned along the upper tubes.

You can mount accessories to the headstock and operate them at different speeds. The worktable can be positioned over, under or beside these accessories to hold stock at various angles. In this way, the bench, headstock, worktable, and accessories combine to make a unique, capable and versatile woodworking system.

Before you proceed, familiarize yourself with the Mark V's basic parts:

1. Legs -- Support the way tubes and bench tubes.
2. Bench Tubes - Hold the Mark V rigid.
3. Way Tubes - Allow the headstock and carriage to slide.
4. Base - Allows the way tubes to pivot to either a horizontal or vertical position.
5. Base Lock- Secures the Mark V in the vertical position.
6. Way Tube Tie Bar- Holds the free end of the way tubes.

7. Headrest- Holds the tie bar.
8. Headrest Lock- Secures the Mark V in the horizontal position.
9. Power Mount- Holds the extension table and the major accessories (Shopsmith Bandsaw, Jointer, Belt Sander, Scroll Saw, Strip Sander and Planer).
10. Base Mount- Holds the extension table and lathe tailstock.
11. Accessory Mount Locks- Secure the extension table, Major Accessories, and the lathe tailstock.
12. Main Spindle- Mounts the saw blades, sanding discs, and other accessories.
13. Quill- Extends and retracts up to 4-1/4".
14. Quill Lock- Secures the quill.
15. Quill Feed Lever- Extends the quill and main spindle out from the headstock.
16. Quill Feed Stop- (hidden from view) Stops the quill at predetermined distances out from the headstock.
17. Power Switch- Turns the Mark V on and off. Has a removable safety key to prevent unauthorized use of the Mark V.
18. Headstock Lock- Secures the headstock on the way tubes.
19. Speed Dial- controls the speed of the main and auxiliary spindles. ONLY turn the speed dial when the Mark V is running. Otherwise, you will damage the speed changing mechanism. Then turn the speed dial to "Slow" after every operation, then turn off the Mark V.
20. Auxiliary Spindles- The upper spindle powers the Bandsaw, Belt Sander, Strip Sander and Thickness Planer. The lower spindle powers the Jointer and Scroll Saw.
21. Logo Cover- (hidden from view) Allows access to the wiring and speed changer mechanism.
22. Belt Cover- Allows access to the belts and sheaves.



23. Worktable - Holds the stock and provides a working surface.
24. Table Insert- Used for sawing, sanding, drilling and boring. It can be replaced with inserts for dadoing, molding, drum sanding and shaping.
25. Miter Gauge Slots- Guide and secure the miter gauge.
26. Miter Gauge with Safety Grip- Holds stock firmly at various angles. It slides freely or locks in the miter gauge slots.
27. Rip Fence- Mounts to the table and is used as a guide, support or stop. It automatically aligns itself parallel to the blade. Holes in the fence are used to mount fixtures and fence extensions.
28. 10" Saw Blade- Mounts to the 1-1/4" arbor which then mounts to the main spindle. This saw blade is use for both crosscutting and ripping.
29. Upper Saw Guard- Provides a physical barrier between you and the part of the blade above the table. An anti-kickback mechanism helps control kickbacks.
30. Lower Saw Guard- Protects you from the part of the blade or cutter below the table. The saw guard has a dust chute. The lower saw guard is also used with the sanding disc.
31. Extension Table- Mounts in either the power mount or the base mount to provide extra support for the stock.
32. Table Support Tubes- Support the table above the bench. Each tube has racks that mesh with pinions in the carriage to raise and lower the table.
33. Table Height Crank- Turns the pinions in the carriage which raise and lower the table.
34. Table Height Lock- Secures the table at any height.
35. Carriage- Slides along the way tubes and holds the table support tubes and the lathe tool rest.
36. Carriage Lock- Secures the carriage on the way tubes.
37. Trunnions- Allows the table to tilt up to 90° left and 45° right.
38. Table Tie Bar- Supports the table support tubes and the trunnions.
39. Table Tilt Indicator- This vernier scale indicates the table angle.
40. Table Tilt Lock- Secures the table at any angle, up to 90° left and 45° right.
41. Table Stops- When properly adjusted, these bolts stop the table at 90° left, 45° right and 0°. (Note: the two 90° table stop bolts are shown.)

The following accessories come with the Mark V, but are not shown on the illustrations. Refer to the PARTS LISTS to identify them.

Sanding Disc- Mounts to the main spindle and is used for disc sanding.

Drill Chuck and Key- Mounts to the main spindle. The key locks the bit in the chuck.

Lathe Tool Rest Assembly- Mounts in the carriage to support and guide lathe chisels. It has two mounting positions.

Lathe Drive Center- Mounts to the main spindle and turns the stock when the spindle is turning.

Lathe Cup Center- Mounts in the tailstock and supports stock when spindle turning.

Tailstock- Mounts in the base mount and holds the cup center in line with the drive center.

Coupling Kit- Connects the Major Accessories to the headstock.

Safety Kit- Includes a push stick, push block, feather board and fence straddler. Used to help guide and hold stock safely during operations.

Goggles- For protection of your eyes. To be worn during all operations.

Arbor Wrench and Allen Wrenches- Used for alignment, adjustment and to mount accessories.

Specifications

The specifications of the Shopsmith Mark V will give you an idea of its capabilities –

Capacities

The work capacity of the Mark V depends on these five modes:

• **Table Saw**

As a table saw, the Mark V accepts 10" saw blades. The maximum depth of cut at 0° is 3-1/4". With the table tilted at 45°, the maximum depth of cut is 2-3/8".

• **Disc Sander**

As a disc sander, the Mark V mounts a 12" diameter sanding disc, giving you 113 square inches of sanding surface. The size of stock that you can sand is limited only by what you can safely handle.

• **Drill Press**

As a drill press, the Mark V used a chuck that accepts drill bits with shanks 5/64" to 1/2" in diameter. The throat capacity is 8-1/4", enabling you to drill the center of a 16-1/2" circle. With a 5-1/2" long bit mounted in the chuck, the maximum distance from the bit to the table is 22". If you remove the table, the maximum distance from the bit to the floor is 54".

• **Horizontal Boring Machine**

The Mark V uses the same drill chuck used in the drill press mode. The table can be lowered 2-3/8" below the chuck, enabling you to bore the center of boards up to 4-3/4" thick. The width and length of boards that you can bore is limited only by what you can safely handle.

• **Lathe**

As a lathe, the Mark V handles both spindle and faceplate turning. The swing over the way tubes is 16-1/2", and the maximum distance between centers is 34". The tool rest and arm will pivot a full 360°, and can be locked in place in any position between the centers.

Bench

The Mark V is mounted on two steel legs and is held rigid by four steel tubes. The two upper tubes, or way tubes, can be locked in either a horizontal or vertical position.

Headstock

The Mark V is powered by a 1-1/8" hp motor. This turns three spindles– one main spindle and two auxiliary spindles. All three spindles revolve on permanently-lubricated, sealed ball bearings.

Speed

A system of variable-diameter pulleys makes it possible to adjust the speed of the main and upper auxiliary spindle from 700 rpm to 5,200 rpm. The lower auxiliary spindle turns 1.6 times faster than the other two, or between 1,120 rpm and 8,320 rpm.

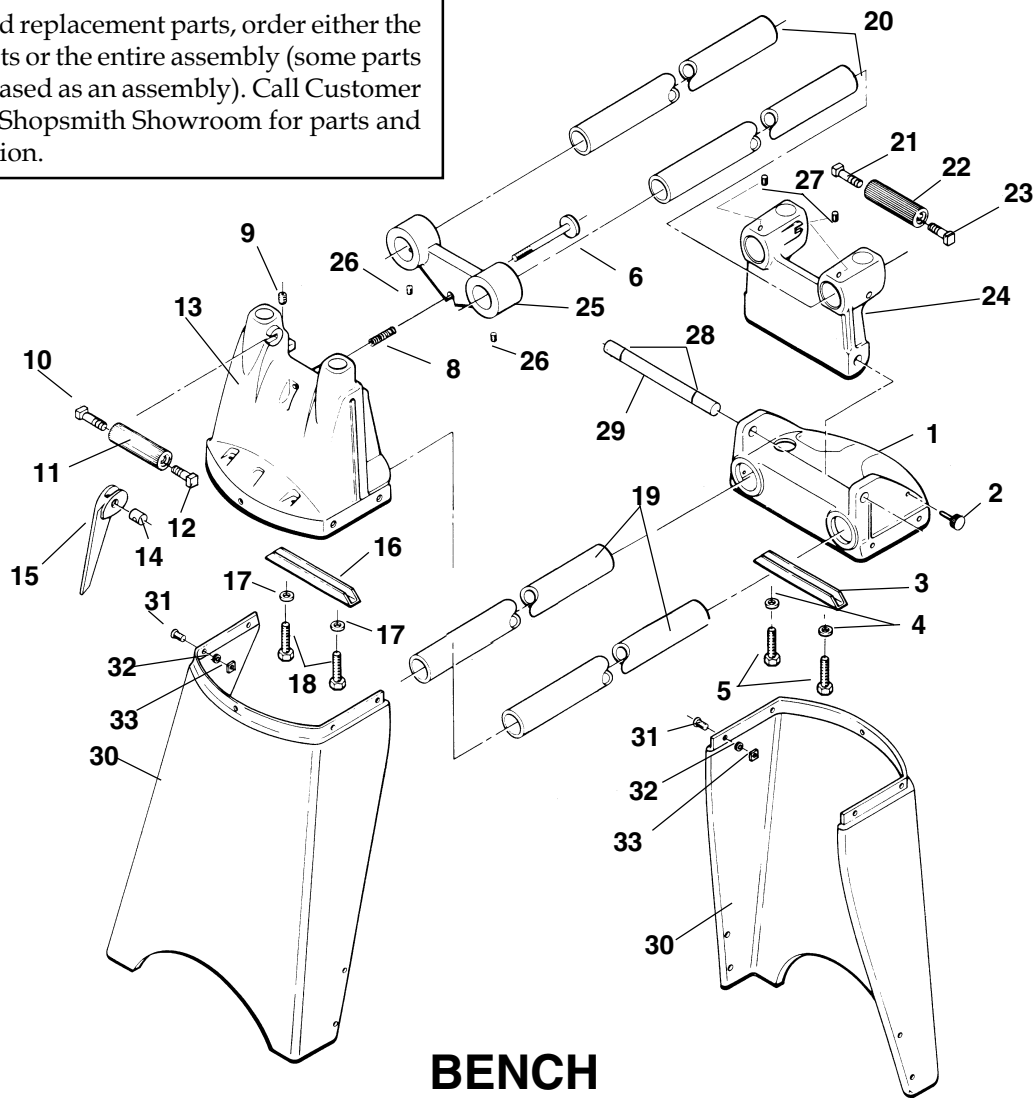
Worktable

The Mark V worktable is made of die-cast aluminum grooved and machined smooth. It can be tilted from 90° left to 45° right, and raised from 2-3/8" below the center of the main spindle to 8-1/4" above it with the work angle set at 0°.

Overall Dimensions of the Mark V

Overall, the Mark V is 71" long, 25-1/2" wide, and 46-1/2" high in the table saw mode, or 76-1/4" high in the drill press mode.

When you need replacement parts, order either the individual parts or the entire assembly (some parts must be purchased as an assembly). Call Customer Service or the Shopsmith Showroom for parts and price information.

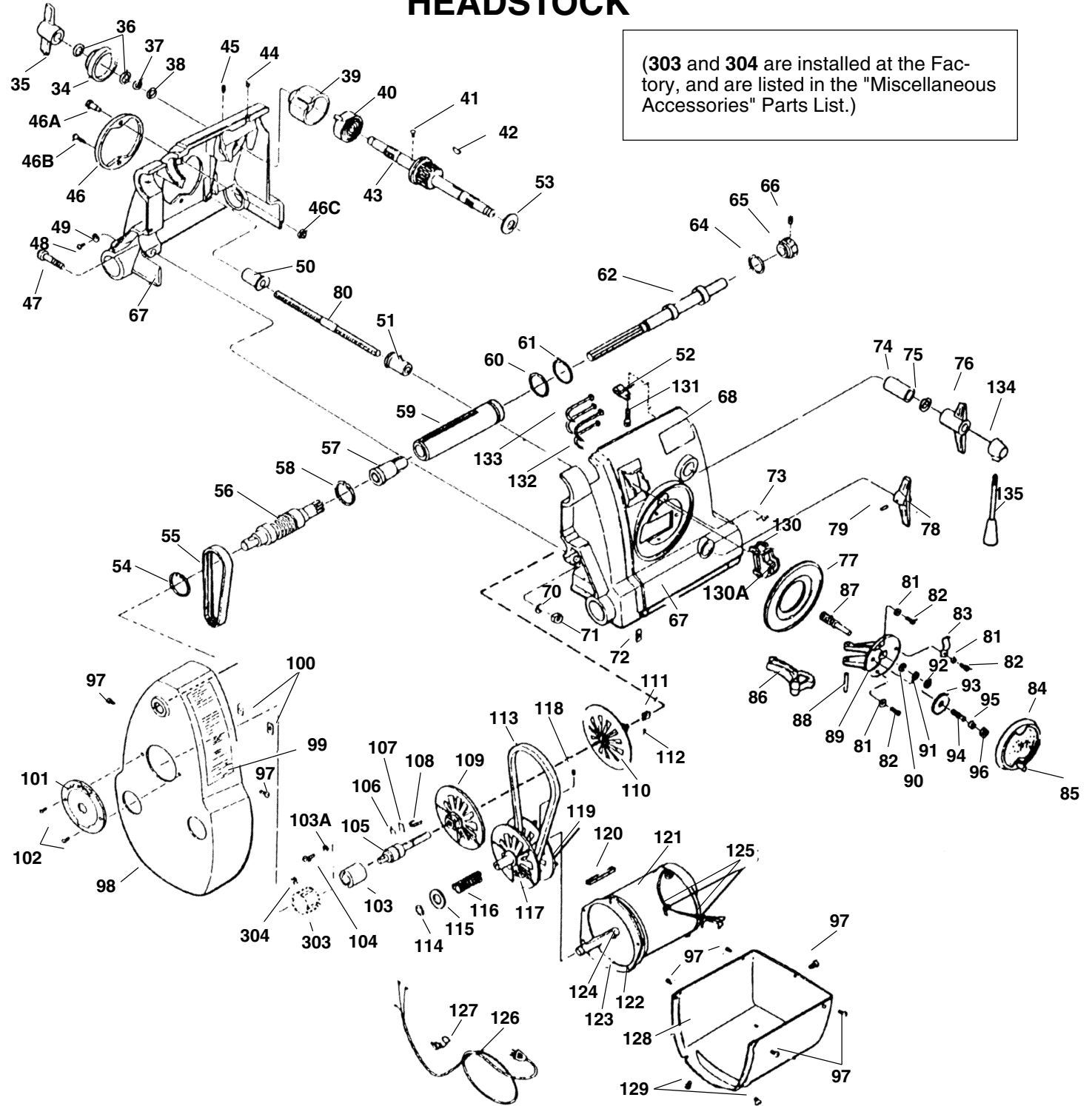


BENCH

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
—	513618	Bench Assembly (incl. 1-19, 21-23)		16	504146	.. Tube Lock Bar.....	1
—	504144	. Base Assembly (incl. 1-5)		17	120382	.. Washer	2
1	518379	.. Base	1	18	138245	.. Hex Bolt	2
2	504293	.. Arm Lock Knob	1	19	504163	.. Bench Tube	2
3	504146	.. Tube Lock Bar.....	1	20	501193	Way Tube	2
4	120382	.. Washer	2	21	501290*	.. Right Hand Stud	1
5	138245	.. Hex Bolt	2	22	514659*	.. Sleeve and Insert Assembly.....	1
—	504148	. Headrest Assembly (incl. 6-18)		23	501293*	.. Left-Hand Stud.....	1
6	504158	.. Lock Shaft	1	24	518381	Base Arm	1
7	not used			25	50426401	Way Tube Tie Bar (incl. 26).....	1
8	504161	.. Lock Spring	1	26	502051	Cup Point Setscrew	2
9	504153	.. Hex Socket Setscrew	1	27	502051	Cup Point Setscrew	2
—	501286	.. Accessory Mount Lock Assembly (incl. 10-12 or 21-23)		28	517642	Retaining Ring	2
10	501293*	... Left-Hand Stud	1	29	518378	Base Arm Pin	1
11	514659*	... Sleeve and Insert Assembly	1	30	50416201	Leg	2
12	501290*	... Right-Hand Stud	1	—	516076	510/ 520 Hardware Pack (incl. 31-33)	
13	517768	.. Headrest	1	31	518114	.. Truss Head Screw	10
14	504157	.. Cam Pin	1	32	115546	.. Lock Washer	10
15	5041569	.. Headrest Handle	1	33	120372	.. Square Nut	10

* Not available as a service part.

HEADSTOCK

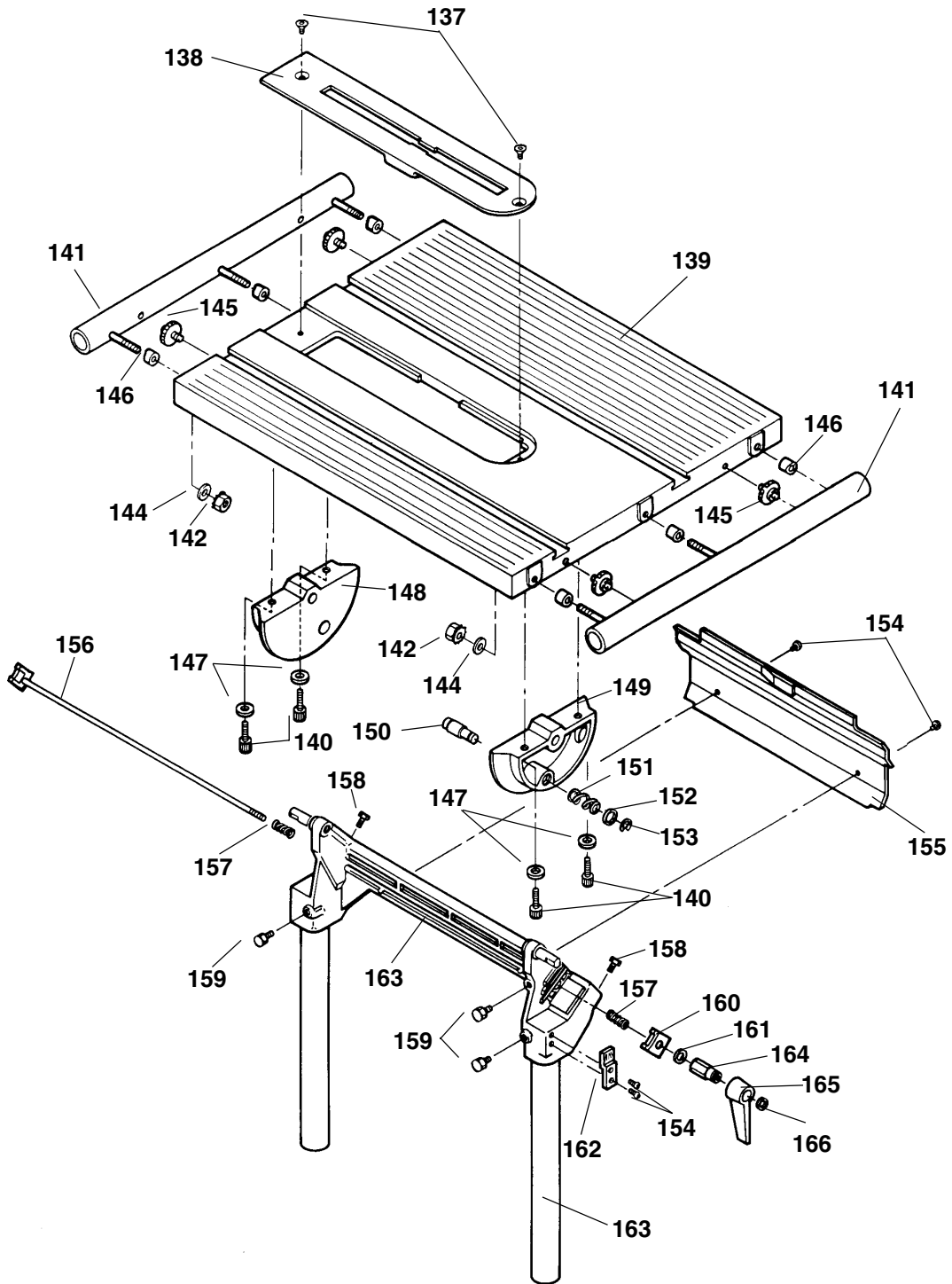


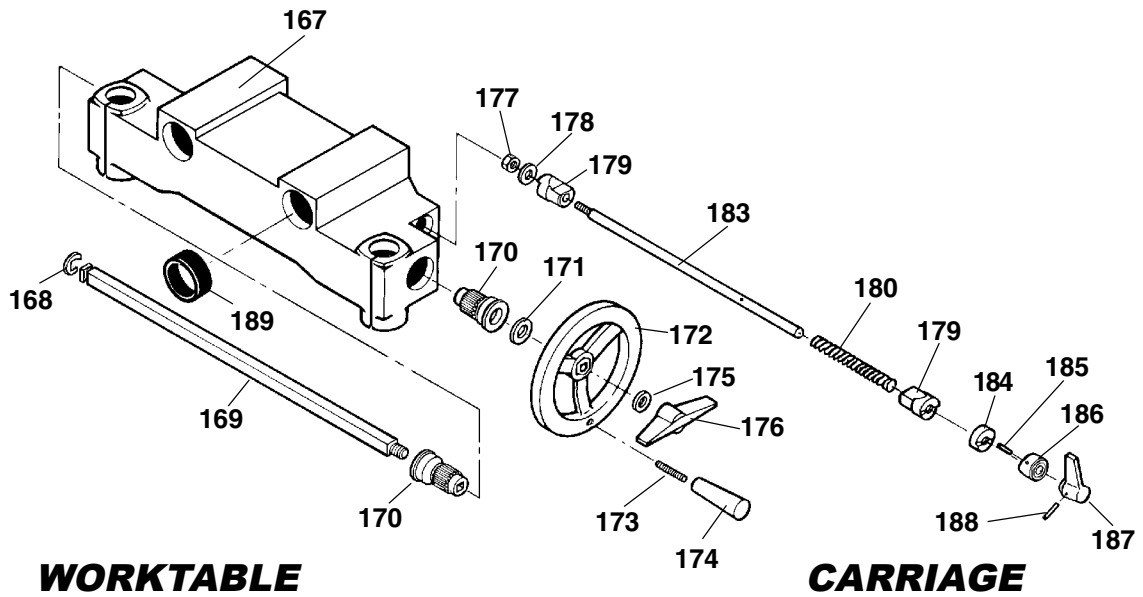
(303 and 304 are installed at the Factory, and are listed in the "Miscellaneous Accessories" Parts List.)

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
—	516903	Headstock Assembly, 60 hz. 120 Volt, Domestic (incl. 34-135)		35	5041729	.. Feed Stop Handle	1
—	516904	Headstock Assembly, 60 hz. 120 Volt Canadian (incl. 34-135)		36	501311	.. Serrated Washer	2
—	516907	Headstock Assembly, 60 hz. 240 Volt Domestic (Incl. 34-135)		37	501627	.. Washer	1
—	516906	Headstock Assembly, 50 hz. 240 Volt European (incl. 34-135)		38	501626	.. Retaining Ring	1
—	504171	.. Quill Feed Assembly (incl. 34-43)		39	501310	.. Spring Housing	1
34	5013149	.. Feed Stop	1	40	501315	.. Quill Spring	1
				41	145378	.. Drive Screw	1
				42	110731	.. Woodruff Key	1
				43	501312	.. Quill Feed Pinion	1
				44	501634	.. Setscrew	1

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
45	513056	. Allen Setscrew	1	—	514153	. Belt Cover, Canadian (incl. 99)	
46	51372304	. Logo Cover	1	—	514155	. Belt Cover, 240 Volt (incl. 99)	
46A	516531	. Pivot Pin	1	98	50423801	. . Belt Cover	1
46B	449613	. Screw, Phillips Head, 8-32 x 3/8"	1	99	516626	. . Warning Label	1
46C	516536	. Push Nut	1	—	517094	. . Warning Label (Canadian)	
47	516895	. Machine Screw, 5/16 x 1-3/4"	1	100	445124	. Spring Flat Nut	2
48	448027	. Pan Head Screw	2	101	514471	. Vent Plate	1
49	501630	. Washer	2	102	132696	. Roundhead Machine Screw	2
50	504234	. Right-Hand Wedge Lock	1	—	515616	. Eccentric Bushing Asm. (Incl. 103-104)	
51	504235	. Left-Hand Wedge Lock	1	103	5041909*	. . Eccentric Bushing Mach.	1
52	514779	. Wire Retaining Clip	1	103A	501616	. . Washer	1
53	501317	. Spherical Washer	1	104	515615	. . Screw, #6-32 x 3/8" Hex Washer Hd.	1
54	501299	. Retaining Ring	1	—	504177	. Idler Shaft Assembly (incl. 105-113)	
55	504170	. Poly V-Belt	1	105	5041789	. . Idler Shaft	1
56	518145	. Drive Sleeve Assembly (incl. 57)	1	106	504179	. . Retaining Ring	1
57	514083	. . Drive and Ring Assembly	1	107	504189	. . Sheave Clip	1
58	501621	. Retaining Ring	1	108	501320	. . Short Key	1
—	514071	. Quill Assembly (incl. 59-66)		109	5041809	. . Idler Sheave	1
59	518208	. . Quill Housing	1	—	515556*	Control Sheave Assembly (incl. 110-112)	
60	501307	. . Quill Bumper Ring	1	110	504181*	. Control Sheave	1
61	501624	. . Retaining Ring	1	111	504187	. Retaining Loop	1
62	518207	. . Spindle Assembly	1	112	513734	. Rollpin	1
63	not used			113	504193	Drive Belt	1
64	518209	. . Retaining Ring	1	—	504194	. Motor Pan Assembly, 120 Volt (incl. 114-129)	
65	518204	. . Spindle Knob	1	—	513617	. Motor Pan Assembly, 240 Volt (Incl. 114-129)	
66	102581	. . Allen Setscrew	1	—	516152	. . Motor and Sheave Assembly, 120 Volt (incl. 114-124)	
67	517123	. Headstock Housing Asm	1	—	513614	. . Motor and Sheave Assembly, 240 Volt (incl. 114-124)	
—	517124	(Dom/Euro Incl. 46-46C, 52, 68, 99, 103A, 130-133, 189) . Headstock Housing Asm		114	501645	. . . Retaining Ring	1
—	517124	(Can Incl. 46-46C, 52, 68, 99, 103A, 130-133, 189) . Headstock Housing Asm		115	504553	. . . Washer	1
68	516627	. . Speed Chart Label	1	116	509226	. . . Motor Spring	1
—	517093	. . Speed Chart Label (Canadian)		117	504208	. . . Floating Sheave	1
69	not used			118	513056	. . . Cup Point Setscrew	1
70	120379	. Washer	1	119	504207	. . . Fan Sheave	1
71	102634	. Hex Nut	1	120	504209	. . . Long Key	1
72	501656	. Tinnerman Clip	6	—	513964	. . . Motor Assembly, 60 hz, 120 Volt	1
73	504196	. Spring	1	—	513968	. . . Motor Assembly, 50/60 hz, 240 Volt (incl. 121A-124)	
74	501318	. Quill Feed Sleeve	1	121	518241	. . . Motor (120 Volt)	1
75	501631	. Washer	1	121A	513060	. . . Motor (240 Volt)	
76	5041769	. Quill Lock Handle	1	122	504341	. . . Drive Screw	5
77	5042259	. Speed Control Dial	1	123	504206	. . . Motor Fan Plate	1
—	513014	. Headstock Lock Asm. (incl. 78-80)		124	504205	. . . Sheave Spacer	1
78	5042369*	. . Headstock Lock	1	125	518679	. . Wire Tie	2
79	455862*	. . Rollpin	1	126	518242	. . Power Cord	1
80	504233*	. . Rod	1	127	513740	. . Strain Relief	1
81	115545	. Shakeproof Lock Washer	3	128	50421201	. . Motor Pan	1
82	448027	. Screw	3	129	515426	. . Pan Head Sems Screw	4
83	504228	. Dial Spring	1	—	517125	. Switch Serv Pack (Incl 130-131)	
84	504229	. Speed Control Handle (incl. 85)	1	130	516532	. . Locking Toggle Switch Asm.	1
85	145709	. . Allen Setscrew	1	130A	517143	. . Switch Key	1
—	504198	. Speed Control Asm. (incl. 86-96)	1	131	517382	. . Hex Wshr Hd. Mach Srw #8-32 x 3/8", .	1
86	504221	. . Quadrant Assembly	1	132	518302	. Jumper Wire, white	1
87	504216	. . Worm Control Shaft	1	133	518303	. Connector Wire, black	2
88	457008	. . Rollpin	1	—	513682	Lever and Hub Asm. (incl. 134, 135)	
89	513700	. . Speed Control Bracket	1	134	5041739	. Quill Feed Hub	1
90	513089	. . Spring Washer	1	135	513017	. Quill Feed Handle	1
91	501640	. . Washer	1	136	not used		
92	504217	. . Retaining Ring	1				
93	504220	. . Idler Gear	1				
94	51398905	. . Setscrew	1				
95	504219	. . Idler Bushing	1				
96	124818	. . Jam Nut	1				
97	513608	. Pan Head Screw	7				
—	514152	. Belt Cover (incl. 98-102)	1				

* Not available as a service part.



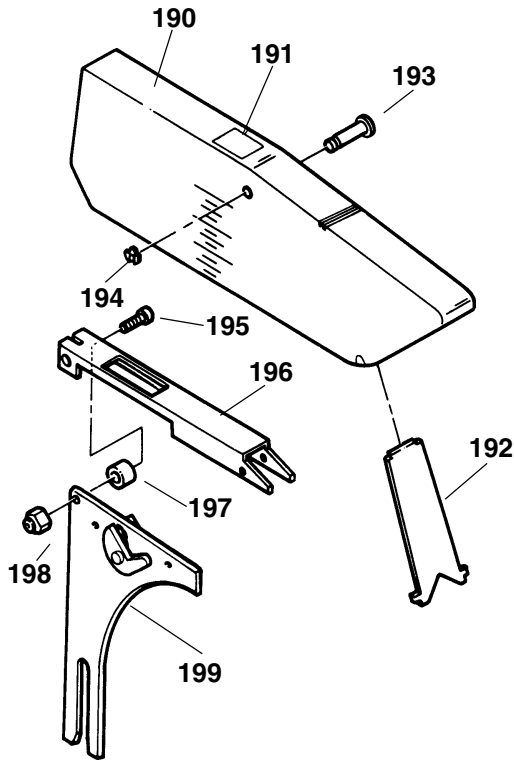


WORKTABLE

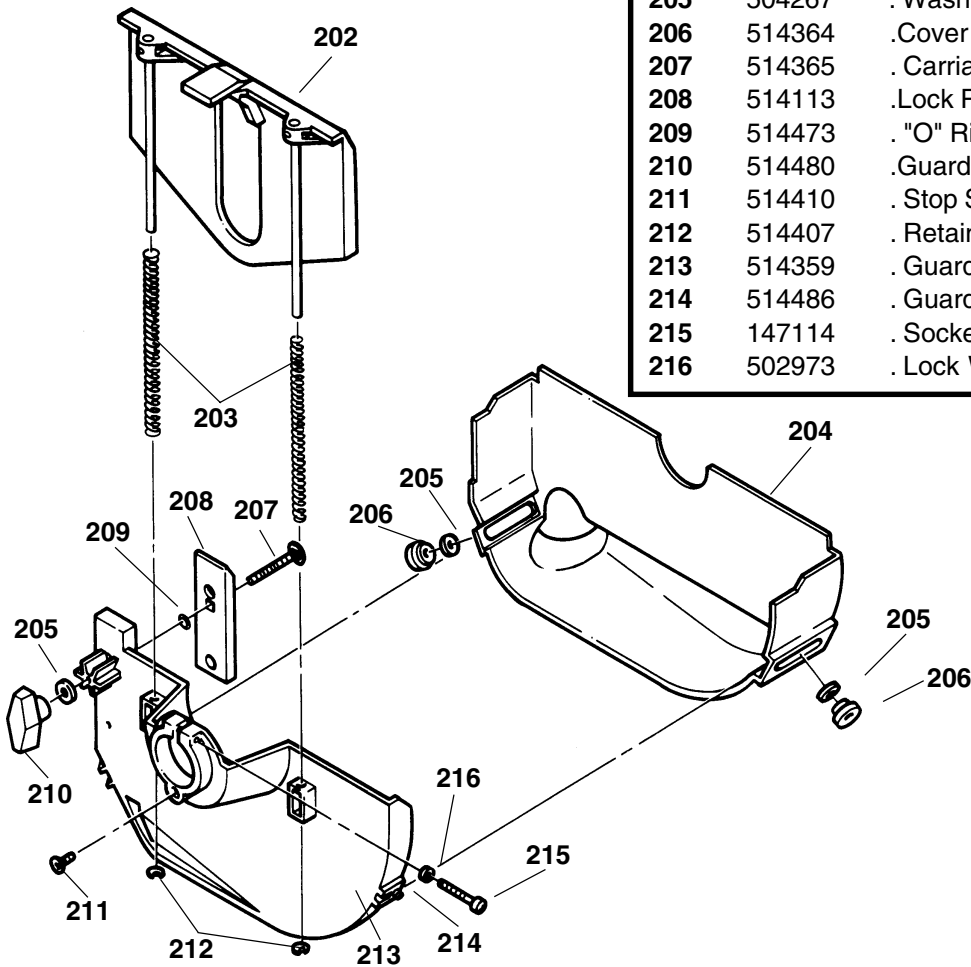
CARRIAGE

Ref. No.	Part No.	Item Description	Qty	Ref. No.	Part No.	Description	Qty.
—	515698	Table Assembly (Incl. 137-166)		—	514328	Carriage Assembly (incl. 167-188)	
137	501637	. Hex Socket Head Screw	2	167	514209	. Carriage	1
138	51410004	. Table Insert (Center Saw)	1	168	504259	. Retaining Washer	1
139	51409702	. Table (Incl. 98)	1	169	514329	. Pinion Shaft	1
140	514351	. Taptite Screw	4	170	514211	. Table Elevating Pinion	2
141	514667	. Table Tube	2	171	120396	. Washer	1
142	515294	. Keps Nut	6	—	514330	. Table Height Crank Assembly (incl. 172-174)	
143	not used			172	514334	. Crank and Insert	1
144	120392	. Flat Washer	6	173	513418	. Handle Shaft	1
145	514440	. Jackscrew	4	174	513417	. Crank Handle	1
146	514101	. Table Tube Spacer	6	175	120388	. Washer	1
147	501633	. Washer	4	176	5042629	. Table Height Lock	1
148	514620	. Rear Trunnion	1	—	514335	. Carriage Lock Asm. (incl. 177-188)	
—	514339	. Front Trunnion Assy (Incl. 149-153)		177	443334	. Flexloc Nut	1
149	514130	. Front Trunnion	1	178	514237	. Washer	1
150	514340	. Table Stop Pin	1	179	514095	. Wedge Lock	2
151	514341	. Compression Spring	1	180	515271	. Spring	1
152	514466	. Washer	1	181	not used		
153	514342	. Retaining Ring	1	182	not used		
154	517829	. Button Head Socket Screw	2	183	514336	. Shaft	1
154A	514040	. 10-24 x 5/16" Phil Pan Screw	2	184	514526	. Cam	1
155	514115	. Tie Bar Guard	1	185	514527	. Rollpin	1
156	514634	. Rod and Shoe Assembly	1	186	514096	. Cam Wedge	1
157	514353	. Shoe Spring	2	187	514126	. Carriage Lock Handle	1
158	518372	. Table Stop Bolt	2	188	455734	. Rollpin	1
159	514350	. Table Stop Bolt	3	189	516667	Carriage Stop Ring	1
160	514104	. Front Clamp Shoe	1				
161	120393	. Washer	1				
162	514311	. Indicator Plate	1				
163	514344	. Table Bar and Tube	1				
—	514448	. Tbl Lock Handle Assy (Incl. 164-166)					
164	514447	. Table Lock Nut	1				
165	5042559	. Table Tilt Lock	1				
166	502680	. Retaining Ring	1				

**UPPER AND
LOWER SAW GUARDS**

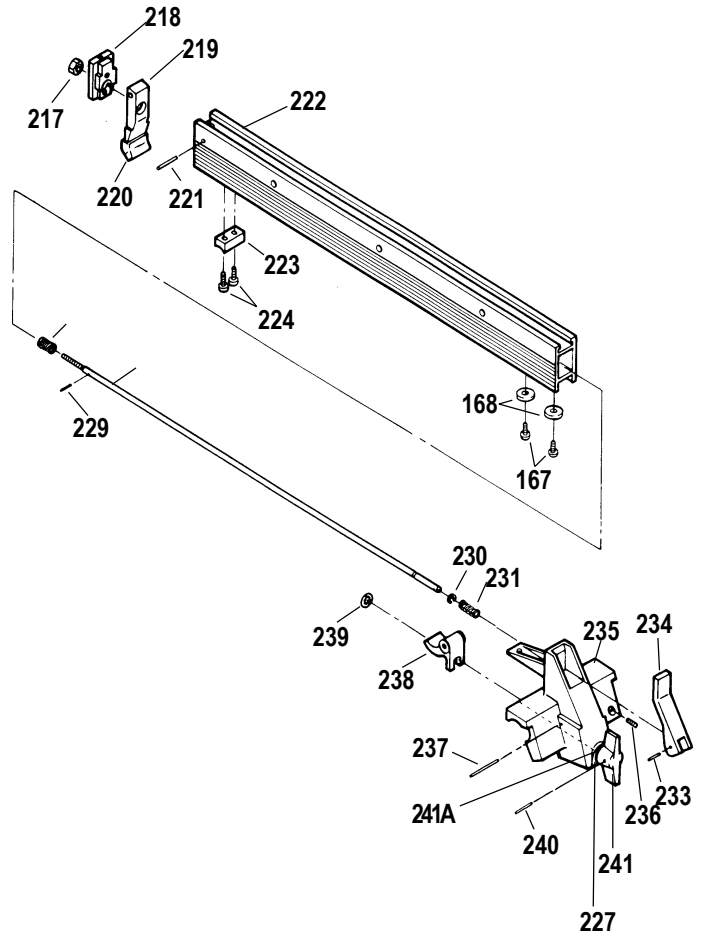


Ref. No.	Part No.	Description	Qty.
---	514366	Upper Saw Guard Assembly (incl. 190-199)	
190	516338	. Upper guard and Insert	1
191	514595	. . Label	1
192	514247	. . Upper Guard Insert	1
193	514305	. Hinge Pin	1
194	514411	. Retaining Ring	1
195	186923	. Cap Screw	1
196	514312	. Support Link	1
197	514114	. Support Link Spacer	1
198	514373	. Support Link Hub	1
199	514367	. Riving Knife Assembly	1
200	not used		
201	not used		
---	514358	Lower Saw Guard Assembly (incl. 202-216)	
202	514361	. Inner Guard Assembly	1
203	514363	. Guide Rod Spring	2
204	514112	. Guard Cover	1
205	504267	. Washer	3
206	514364	. Cover Lock Knob	2
207	514365	. Carriage Bolt.....	1
208	514113	. Lock Plate	1
209	514473	. "O" Ring	1
210	514480	. Guard Lock Knob	1
211	514410	. Stop Screw	1
212	514407	. Retaining Ring	2
213	514359	. Guard and Pin Assembly	1
214	514486	. Guard Stud	2
215	147114	. Socket Head Screw	1
216	502973	. Lock Washer	1



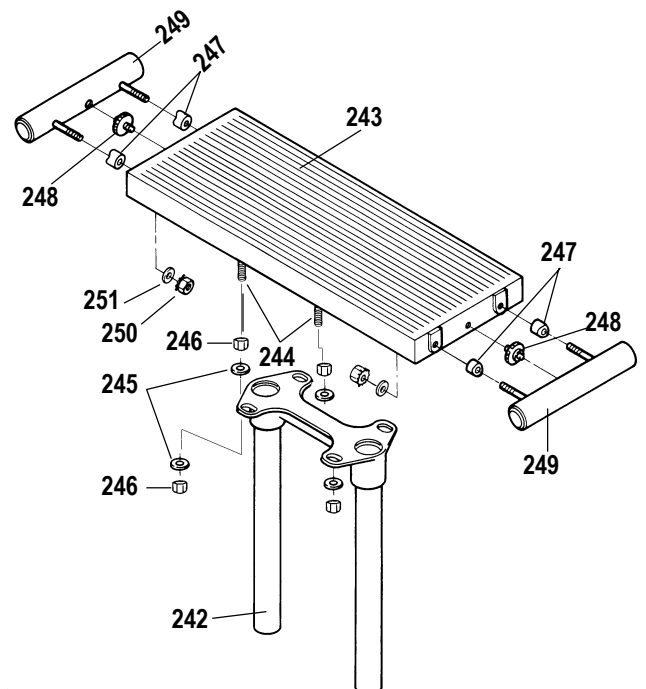
RIP FENCE

Ref. No.	Part No.	Item Description	Qty.
—	514378	Rip Fence Assembly (Incl. 217-241)	
217	515286	.. Lock Nut	1
218	515114	.. Fence Cap	1
—	514455	.. Outfeed Clamp Assy (Incl. 219-220)	
219	514259	.. Clamp	1
220	514454	.. Protector	1
221	514391	.. Rollpin	1
—	514930	.. Fence Extrusion Assy (Incl. 222-224)	
222	515328	.. Fence Extrusion	1
223	514924	.. Fence Rest	1
224	514925	.. Screw	2
225	515426	.. Pan Head Sems Screw	2
226	502333	.. Flat Washer	2
227	514568	.. Screw	1
228	514463	.. Spring	1
229	514389	.. Rollpin	1
230	514407	.. Retaining Ring	1
231	514353	.. Spring	1
—	514465	.. Handle & Rod Assy (Incl. 232-234)	
232	517838	.. Fence Lock Rod	1
233	514527	.. Rollpin	1
234	514257	.. Handle	1
—	514379	.. Base Assembly (Incl. 235-240)	
235	514254	.. Fence Base	1
236	102388	.. Set screw	1
237	514531	.. Dowel Pin	1
238	514567	.. Infeed Clamp	1
239	514386	.. Retaining Ring	1
240	514527	.. Rollpin	1
241	514384	.. Knob	1
241A	514568	.. Screw	1

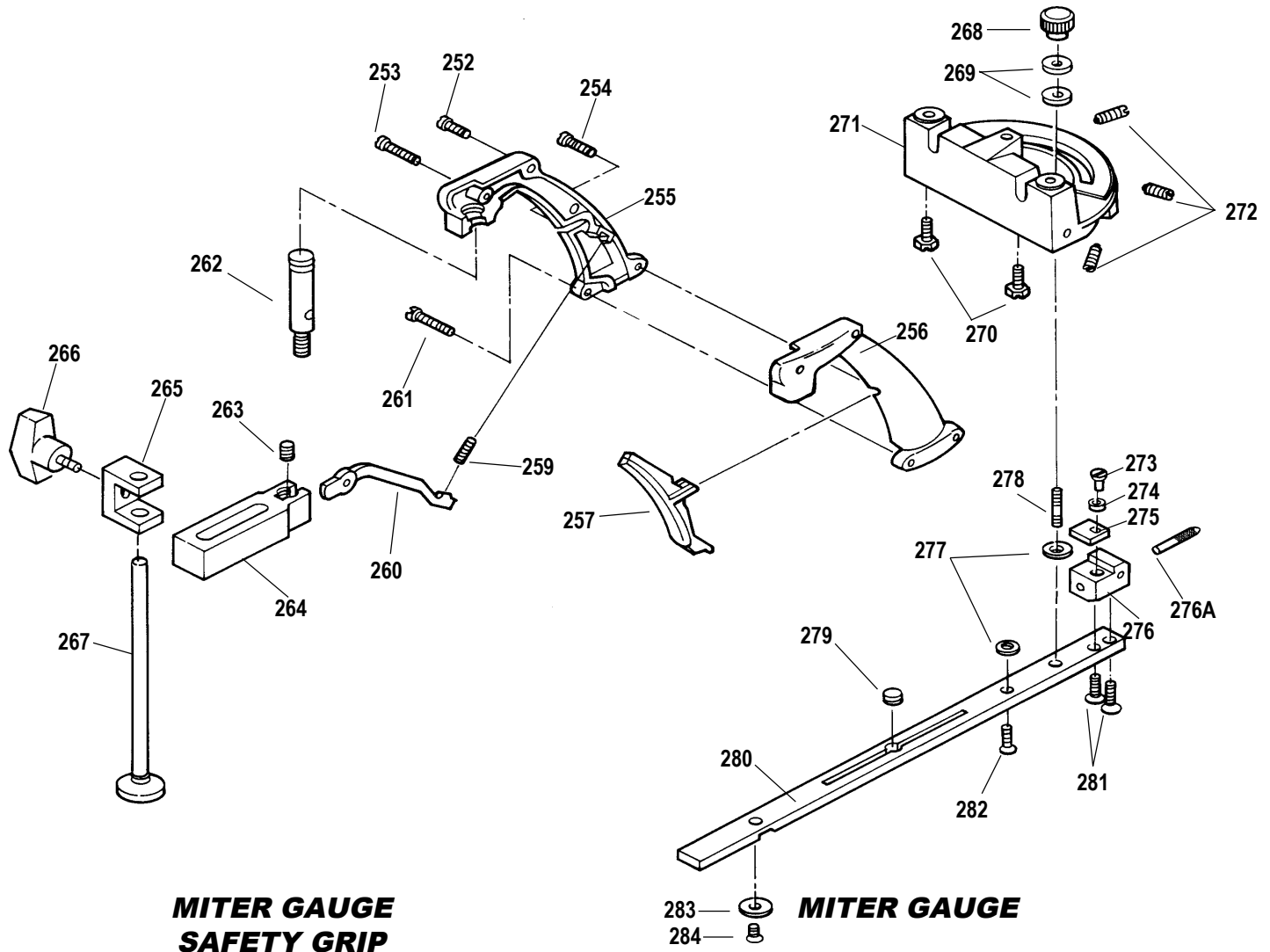


EXTENSION TABLE

Ref. No.	Part No.	Item Description	Qty.
—	516578	Ext Table & Base Assy (Incl. 242-251)	
242	504273	.. Extension Table Base	1
—	516014	.. Ext. Table w/Studs (Incl. 243-244)	
—	516015	.. Ext Tbl Assy (Incl. 243-249)	
243	514107	.. Extension Table	1
244*	515969	... Table Stud Assembly	4
245	120394	... Washer	8
246	120377	.. Hex Nut	8
247	514101	.. Tube Spacer	4
248	514440	.. Jack Screw	2
249*	514663	.. Tube & Welded Studs	2
250	515294	.. Keps Nut	4
251	120392	.. Flat Washer	4



* Not available as a service part.



**MITER GAUGE
SAFETY GRIP**

MITER GAUGE

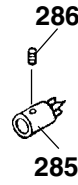
Ref. No.	Part No.	Item Description	Qty	Ref. No.	Part No.	Item Description	Qty
—	505625	Safety Grip Assembly (Incl. 252-267)		—	505700	Miter Gauge Assembly (Incl. 268-284)	
252	450213	. Tapping Screw	1	268	504268	. Lock Knob	1
253	450219	. Tapping Screw	1	269	120392	. Washer	2
254	450217	. Tapping Screw	1	270	514566	. Glide	2
255	5014699*	. Right Grip	1	271	507367	. Protractor	1
256	5014689*	. Left Grip	1	272	501407	. Headless Stop Screw	3
257	5014659*	. Trigger	1	273	436691	. Pan Head Machine Screw	1
258	not used			274	501616	. Washer	1
259	501467	. Lever Spring	1	275	501409	. Vernier Plate	1
260	501464	. Lever Lock	1	276	514424	. Indicator Mount & Plunger Assy ... (Incl. 276A)	1
261	132066	. Machine Screw	1	276A	514307*	. Miter Stop Plunger	1
262	501466	. Grip Stud	1	277	504267	. Special Washer	2
—	555125	Quick Clamp Assy (Incl. 263-267)		278	504266	. Miter Stud	1
263	222458	. Set screw	1	279	501401	. Taper Screw	1
264*	514250	. Lock Guide	1	280	518104	. Miter Gauge Bar	1
265	514252	. Lock Clamp	1	281	501635	. Machine Screw	2
266	514310	. Grip Knob	1	282	501639	. Nylock Machine Screw	1
267	514464	. Rod and Shoe Assembly	1	283	514376	. Washer	1
				284	514377	. Screw	1

* Not available as a service part.

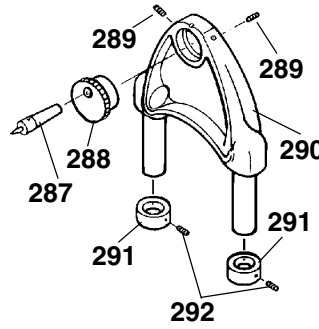
**MISCELLANEOUS
ACCESSORIES**

Ref. No.	Part No.	Description	Qty.
285	505715	Drive Center (Incl. 286)	1
286	222458	. Setscrew, 1/4" long	1
287	505716	Cup Center	1
—	504276	Tailstock Asm. (Incl. 288-292)	1
288	5014379	. Eccentric Mount	1
289	102581	. Setscrew, 3/8" long	2
290	501438	. Tailstock & Tube Asm. (504277)	1
291	501439	. Tube Collar	2
292	222458	. Setscrew, 1/4" long	2
—	514398	Tool Rest Asm. (Incl. 293-297)	1
293	514416	. Post	1
294	514264	. Arm w/ Warning Label	1
295	503749	. Tool Rest	1
296	521689	. Long Handle	1
296a	521688	. Short Handle	1
297	102585	. Setscrew, 7/8" long	1
—	505633	Chuck & Key (Incl. 298-300)	1
298	501420	. 1/2" Chuck (Incl. 299)	1
299	222460	. Setscrew, 3/8" long	1
300	501419	. Chuck Key	1
—	514468	Hub and Coupling Assembly (Incl. 301-302)	1
301	503570	. Spindle Hub (Incl. 304)	1
302	503574	. Power Coupling Assembly	1
303	503738	. Idler Hub (Incl. 304)	1
304	222458	. Setscrew, 1/4"	2
305	513456	Safety Goggles	1
306	518221	Push Stick	1
307	518220	Push Block	1
—	518215	Feather Board Assembly (Incl. 308-312)	1
308	518216*	. Feather Board	1
309	513705	. Tapered Pin	2
310	513707	. Expansion Bar	1
311	513713	. Knob	2
312	513864	. Washer	2
—	518218	Fence Straddler Assembly (Incl. 313-317)	1
313	518217	. Straddler Block	1
314	513706	. Slide Rail	1
315	513713	. Knob	1
316	513714	. Machine Screw	1
317	513864	. Washer	1
318	555001	10" Carbide Tip Saw Blade	1
—	555130	1-1/4" Saw Arbor (Incl. 319-321)	1
319	222458	. Setscrew, 1/4" long	1
320	514400	. Arbor	1
321	514401	. Arbor Nut	1
322	505841	Medium Grit Sandpaper Disc	1
—	555143	Sanding Disc Asm (incl. 323-326)	1
323	513144*	. Plate	1
324	514493*	. Hub	1
325	222460	. Flat Point Setscrew, 3/8" lg.	1
326	513153	. Hex Socket Flat Screw	4

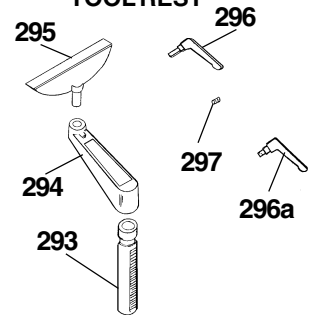
DRIVE CENTER



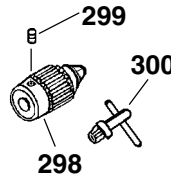
TAILSTOCK



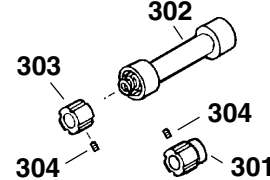
TOOL REST



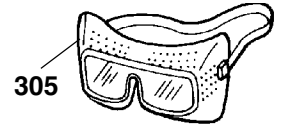
DRILL CHUCK



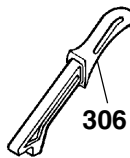
COUPLER



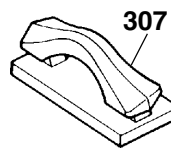
SAFETY GOGGLES



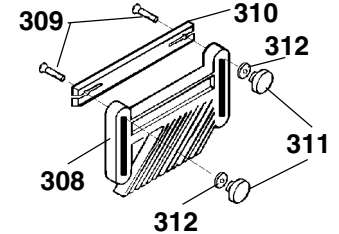
PUSH STICK



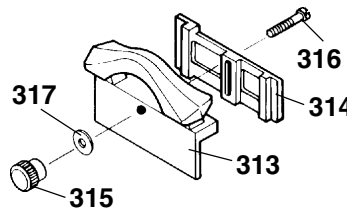
PUSH BLOCK



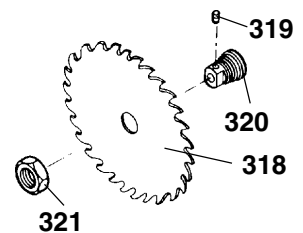
FEATHER BOARD



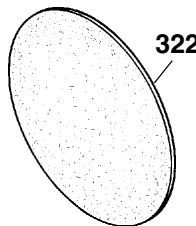
FENCE STRADDLER



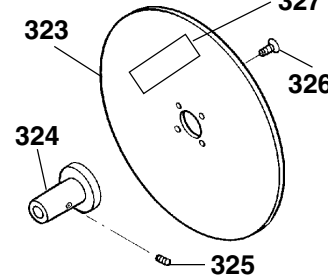
SAW BLADE & ARBOR



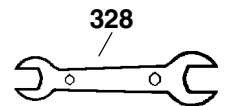
SAND PAPER



SANDING DISC



ARBOR WRENCH



Ref. No.	Part No.	Description	Qty.
327	513923	. Label, Warning	1
328	515979	Arbor Wrench	1
—	845332	Mark V Owner's Manual Asm.	1
—	505717	. "Self-Study Guide"	1

NOTES