

BIESEMEYER

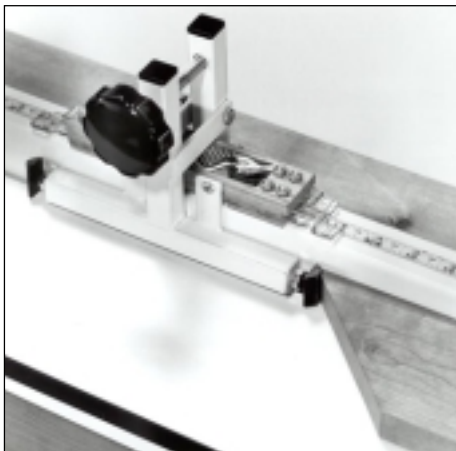
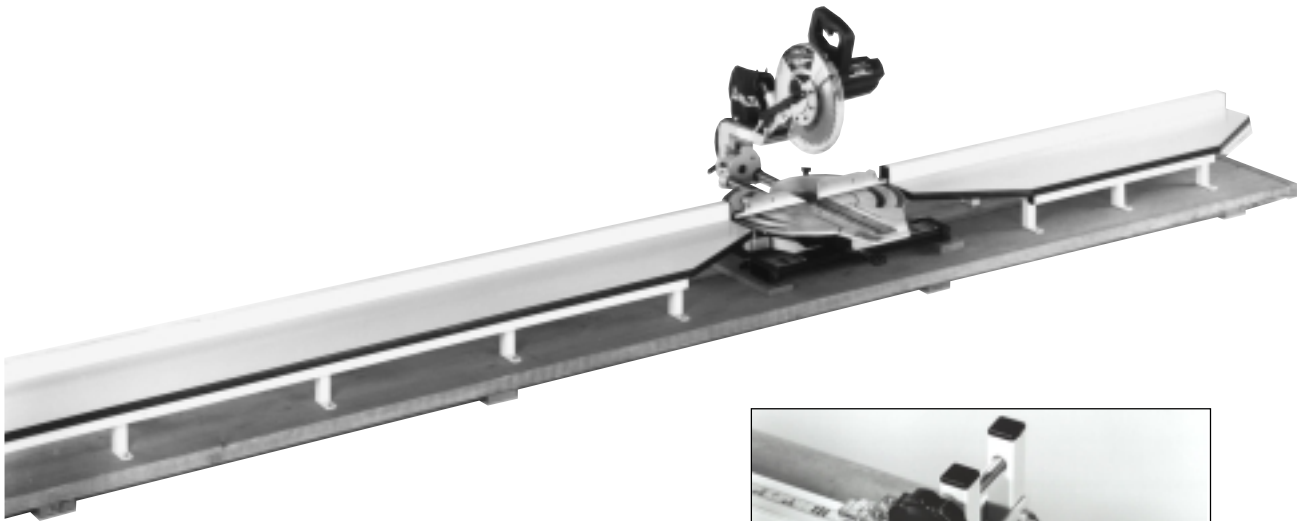
DELTA

T-SQUARE® MITER SAW TABLES AND CUT-OFF STOPS

Miter Tables for 10" Saws (Models 78-802, 78-804, 78-806, 78-808)

Miter Tables for 12" and Slide Saws (Models 79-803, 79-804, 79-806, and 79-808)

Cut-Off Saw Stops (Model 78-989, 78-990, 78-992, and 78-994)



INSTRUCTION MANUAL

Part No. 1351767
Dated 5-1-2001

INTRODUCTION

Biesemeyer® T-Square® Miter Tables and Saw Stops are designed to fit all miter saws and used in conjunction with the adhesive backed measuring tapes that read right-to-left (left hand) and left-to-right (right-hand). Tapes are available in English or Metric/English combination. The use of the stops along with the accessory tables and measuring tapes eliminate the need for cumbersome C-clamps and hand-held measuring tapes, and will make any motorized miter saw more accurate, more productive and more economical to use. The following instructions explain the assembly procedure when using the table system with a Delta miter or slide saw and these instructions are the same for other brands and models of miter and slide saws.

ADHESIVE-BACKED MEASURING TAPES			
Model No.	Length	Width	Type
79-056*	12 foot	1/2 inch	Right hand, Metric / English
79-057*	12 foot	1/2 inch	Left Hand, Metric / English
79-061	12 foot	1/2 inch	Right Hand, English
79-062	12 foot	1/2 inch	Left Hand, English
79-064*	12 foot	3/4 inch	Right Hand, Metric / English
79-065	12 foot	3/4 inch	Right Hand, English
79-067*	6 foot	3/4 inch	Right Hand, Metric / English
79-066	12 foot	3/4 inch	Left Hand, English
79-068	6 foot	3/4 inch	Right Hand, English
79-069	6 foot	1/2 inch	Right Hand, English
79-070	6 foot	1/2 inch	Left Hand, English
79-071*	6 foot	1/2 inch	Left Hand, English / Metric

* Metric/English tapes are not compatible with the Inside Miter Cutoff Saw Stop or the Inside Miter Cutoff Stop.

ASSEMBLY INSTRUCTIONS

1. Place the saw tables, one of which is shown at (A) Fig. 2, on a workbench or other suitable flat surface.

2. Position the miter saw (B) Fig. 2, next to the miter table as shown, and using a combination square (C), measure the distance the saw table is below the surface of the miter table.

NOTE: If the saw table is higher than the surface of the miter table, the miter tables will have to be raised to the same level as the saw table in the same manner.

3. Plane a piece or pieces of hardwood stock (D) Fig. 2, to the same thickness that the saw is below the miter table surface. This is the distance which was determined in **STEP 2**.

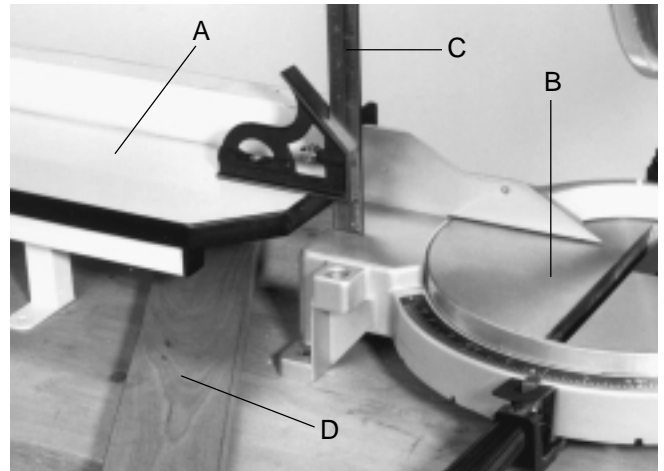


Fig. 2

4. Mount the miter saw to the planned stock (D) Fig. 3, and using a straight edge (E), make certain the saw table surface is level with the miter table surface, as shown in Fig. 3, and that the saw fence (F) is in line with the fence (A) of the miter tables, as shown in fig. 4

5. **IMPORTANT: If you are attaching a scale to the top of the miter table fence, it is important to determine if the miter saw is a center pivot saw in order to accurately use the scale. This can be done as follows**

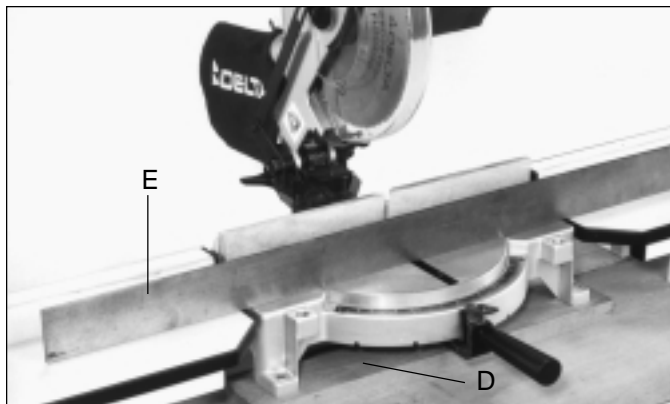


Fig. 3

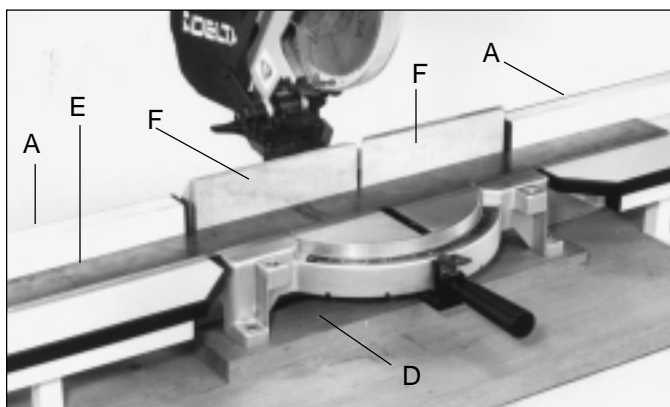


Fig. 4

6. Cut a piece of stock (G) Fig. 5, at the 45 degree left miter angle and without moving the work piece, make a mark on the miter table fence at the end of the work piece, as shown.

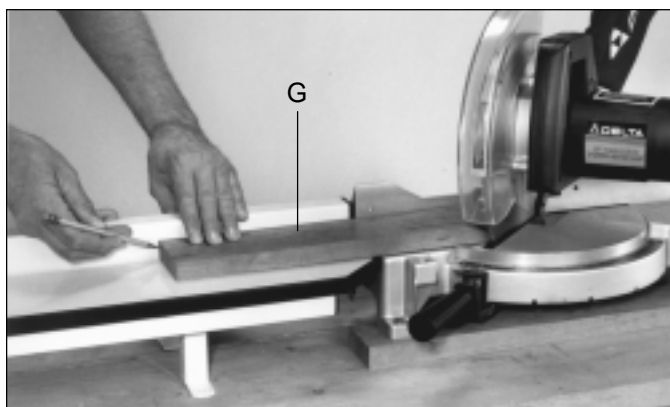


Fig. 5

7. Move the miter arm (P) to the 90 degree straight cut-off position, as shown in Fig. 6, and slide the workpiece (G) until it contacts the saw blade teeth. If the stock does not change position, you have a center pivot saw which can be fastened to the top of the workbench with the saw fence in line with the miter table fence. If the workpiece did move, make a second mark on the miter table fence at the end of the workpiece at its new position, as shown.

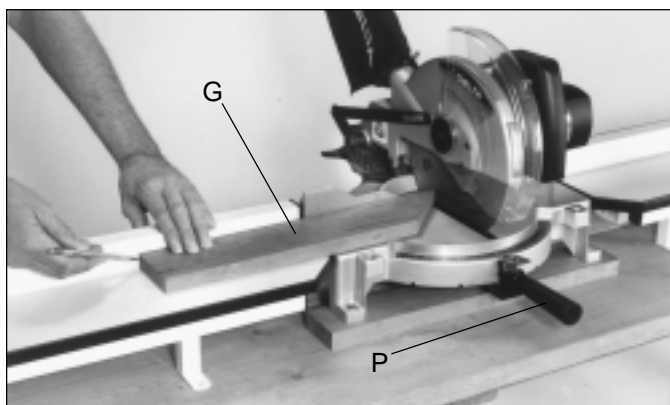


Fig. 6

8. Measure the distance between the two marks (H) Fig. 7, and plane a piece of stock to this dimension. The height and length of the stock should be the same size as the miter saw fence.

9. Fig. 7 illustrates the piece of stock (J) which will be fastened to the left miter fence.

10. Fig. 8 illustrates both the left and right fence halves (J) fastened to the saw fence. These fence halves were fabricated in **STEP 8**.

11. Fasten the miter saw (K) and miter tables (L) Fig. 8, to the workbench or other suitable flat surface, making certain that the saw table surface (K) is level with the miter table surface (L), and that the saw fence (J) is in line with the miter table fence.

12. **IMPORTANT:** If the miter saw you are using is equipped with a sliding fence, the sliding fence (N) Fig. 9, must either be removed or modified so that it will slide over the top of the miter table fence (M).

TAPE INSTALLATION

1. Make a 90 Degree straight cut-off on a workpiece (H) Fig. 10, as shown. Make certain that the workpiece (H) extends over onto the miter table (J). Without moving the workpiece (H), make a mark (K) on the miter table fence at the end of the workpiece. Extend the mark (K) to the top of the miter table fence as shown.

2. Measure the length of the cut-off workpiece (H) Fig. 10. Line up the mark on the measuring tape with the mark (K) Fig. 11 on the miter table fence that corresponds to the length of the cut-off workpiece. In this case, the length is 14 inches.

3. Trim the ends of the tape to the desired length and remove the backing from the tape. Carefully install tape (L) Fig. 11, to the top center of the miter table fence, lining up the marks determined in **STEP 2**.

4. Use a roller to press the tape securely to the surface.

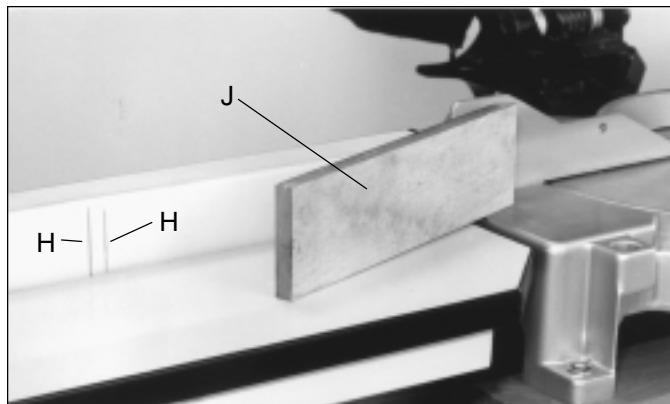


Fig. 7

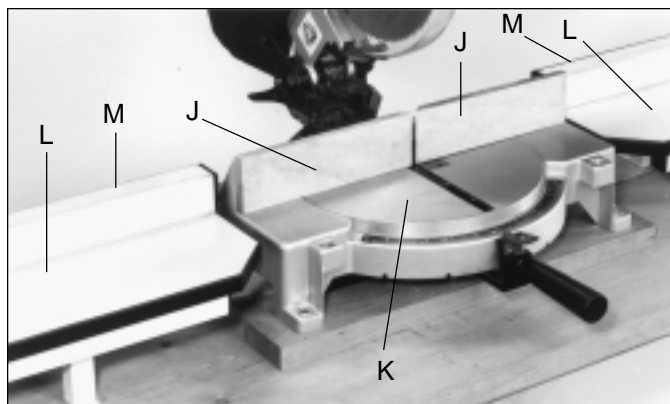


Fig. 8

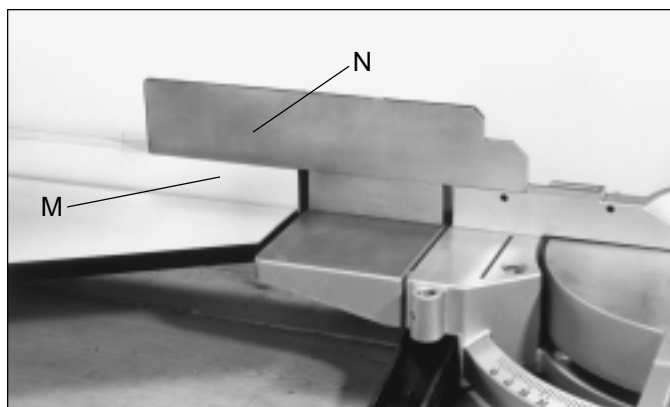


Fig. 9

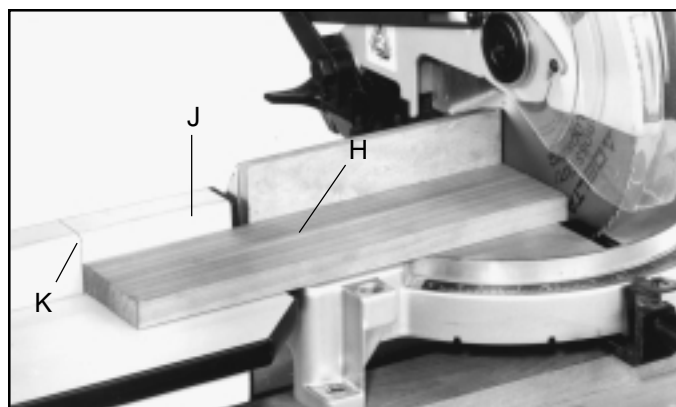


Fig. 10

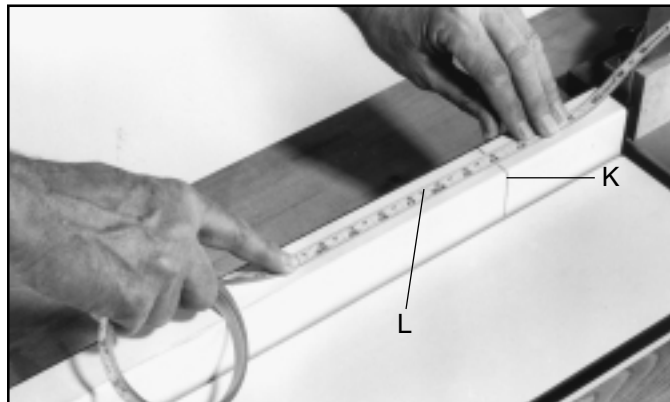


Fig. 11

78-989 DUAL POINTER CUT-OFF STOP

The 78-989 Dual Pointer Cut-Off Stop, shown in Fig. 12, gives precise settings to 1/64th of an inch. An adjustable stop screw (C) positively limits the workpiece (D), as shown, and should be adjusted to the scale and cursor (A). The dual pointer cut-off stop can be used on the right hand side of the saw blade by using the cursor (E) and stop screw (F).

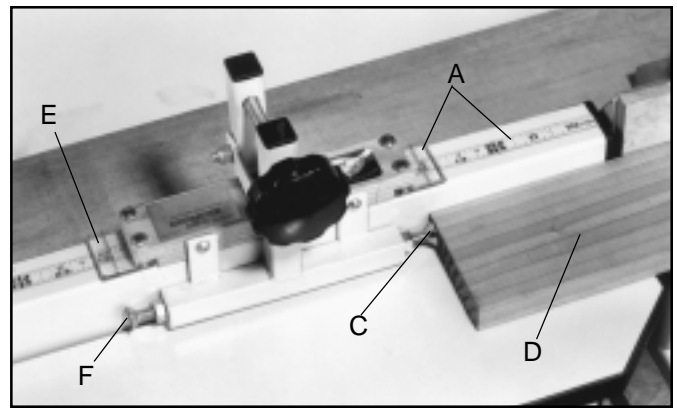


Fig. 12

78-990 DUAL POINTER OUT- SIDE/CUT-OFF MITER STOP

The 78-990 Dual Pointer Outside/Cut-Off Miter Stop is designed to act as a positive stop for 90 degree cut-off workpieces, as shown in Fig. 13, or 45 degree outside workpieces, as shown in Fig. 14. The stop (B) is adjustable by loosening locknut (A) Figs. 13 and 14, adjusting the stop (B), and tightening locknut (A). Cursor (C) Figs. 13 and 14, is provided for 90 degree square cuts and cursor (D) is used for 45 degree miter cuts. The cursors (C) and (D) are adjustable by loosening screws (E), adjusting the cursor and tightening the screws. This stop is designed to be used on either side of the saw blade, as an extra set of cursors and stop are provided on the opposite end of the miter stop.

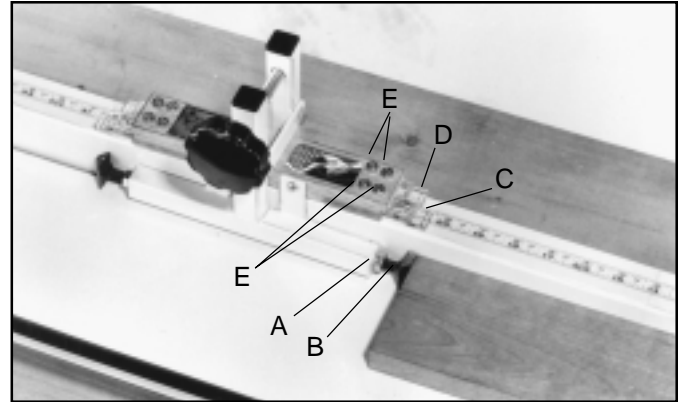


Fig. 13

78-992 DUAL POINTER FLIP STOP

The 78-992 Dual Pointer Flip-Stop is used mainly when making repetitive cutting operations, as shown in Fig. 15, and then flipped up out of the way with lever (A) when not in use. For more convenience, the Flip-Stop can be used with two or more stops as shown at (B) and (E) Fig. 16, and positioned as close as 4-1/2 inches apart anywhere along the fence for making multiple, often used repetitive cuts without having to remeasure. Fig. 16 illustrates lever (A) flipped up out of the way and stop (B) used to position the workpiece. An adjustable stop screw (D) Fig. 15, positively limits the workpiece, as shown, and should be adjusted to the scale and cursor (C). The cursor (C) Fig. 15, is supplied on each side of the stop, enabling you to use the stop on either side of the saw blade.

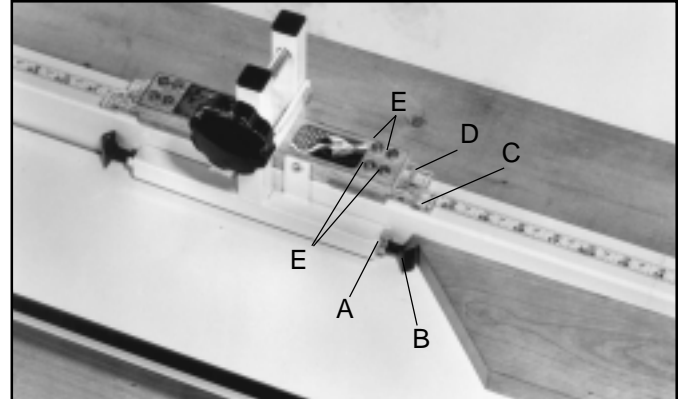


Fig. 14

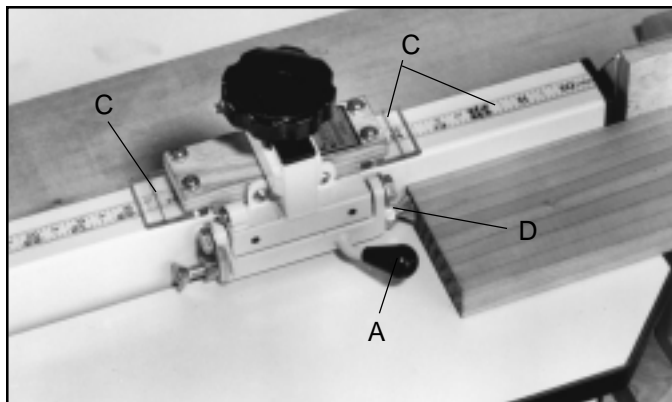


Fig. 15

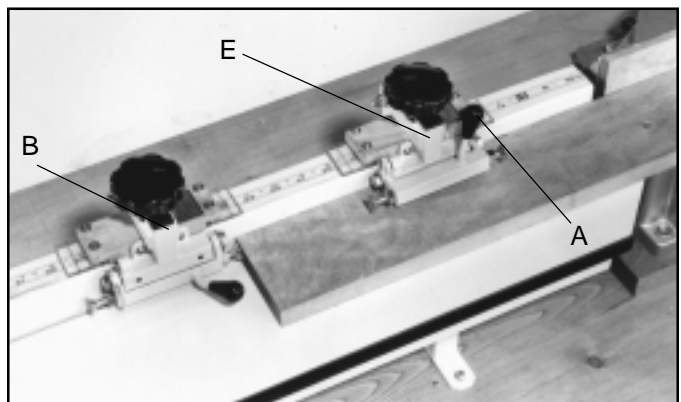


Fig. 16

78-994 DUAL POINTER IN-SIDE/CUT-OFF MITER STOP

The 78-994 Dual Pointer Inside/Cut-off Miter Stop is designed to act as a positive stop for 90 degree cut-off workpieces, as shown in Fig. 17, or 45 degree inside miter angles, as shown in Fig. 18. The outside edge of the 45 degree miter angle is supported by the adjustable stop block (C), as shown in Fig. 18. The stop can be used on either the right or left side of the saw blade as the stop bar (B) can be removed and inserted into the other end of the bracket by loosening the two screws (A) Figs. 17 and 18, Removing stop bar (B) and inserting stop bar into opposite end of bracket, making sure indent in stop bar is engaged with end of screw (A). Cursor (D) Figs. 17 and 18, is used for straight 90 degree cuts and cursor (E) is used when cutting 45 degree miter angles. The cursors (D) and (E) are adjustable by loosening screws (F), adjusting cursors (D) and (E) , and tightening screws (F).

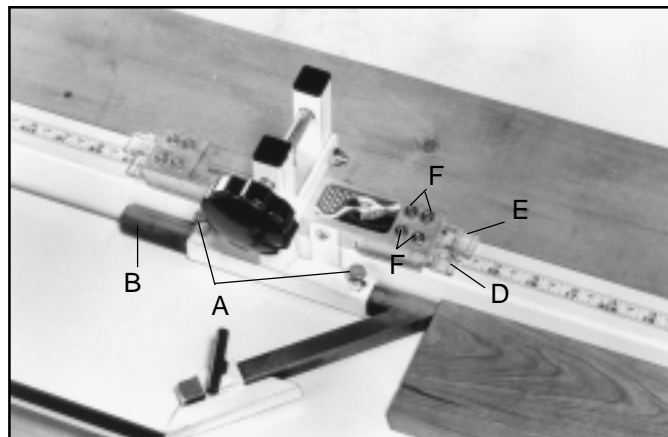


Fig. 17

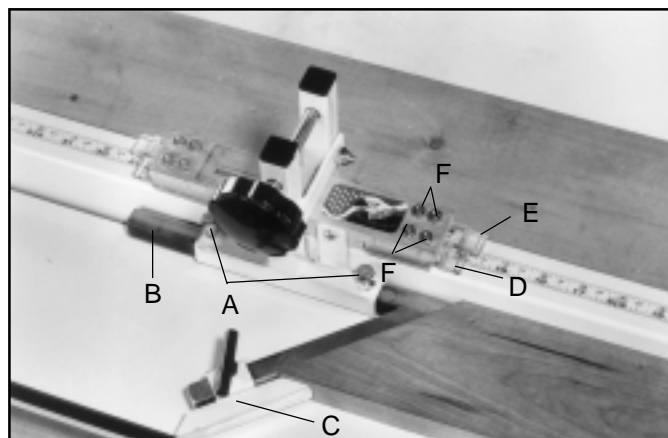
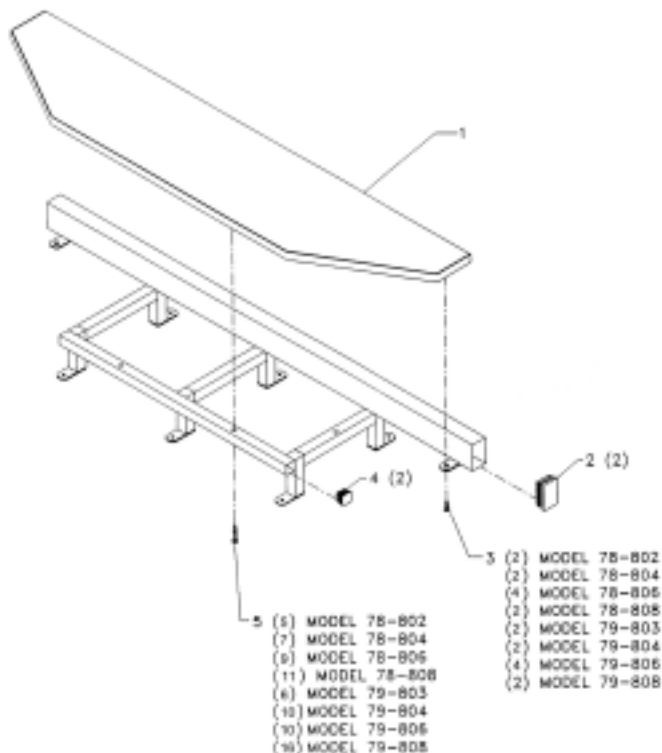


Fig. 18

REPLACEMENT PARTS



SYSTEM	LENGTH	WIDTH	CATALOG NO
10" MITER SAW	2 FT.	5-1/2"	78-802
10" MITER SAW	4 FT.	5-1/2"	78-804
10" MITER SAW	6 FT.	5-1/2"	78-806
10" MITER SAW	8 FT.	5-1/2"	78-808
12" MITER SAW	3 FT.	10"	79-802
12" MITER SAW	4 FT.	10"	79-804
12" MITER SAW	6 FT.	10"	79-806
12" MITER SAW	8 FT.	10"	79-808

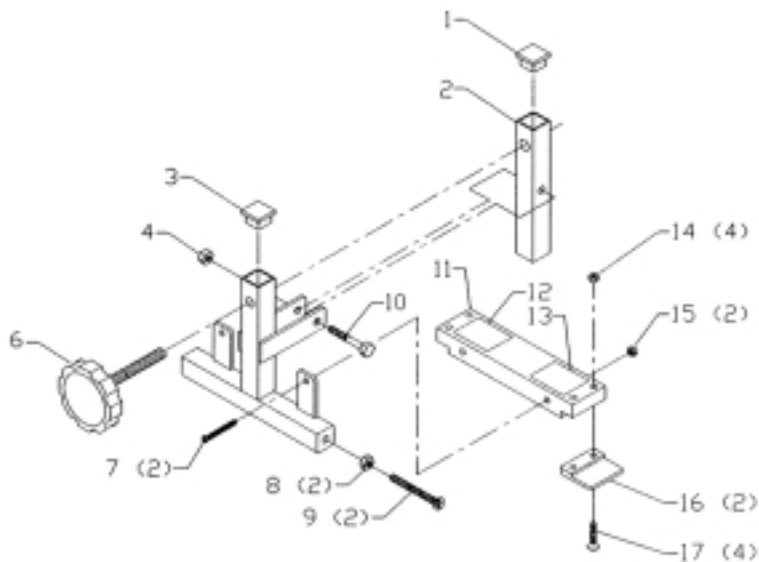
MITER SAW TABLE

78-802, 78-804, 78-806, 78-808

79-803, 79-804, 79-806, 79-808

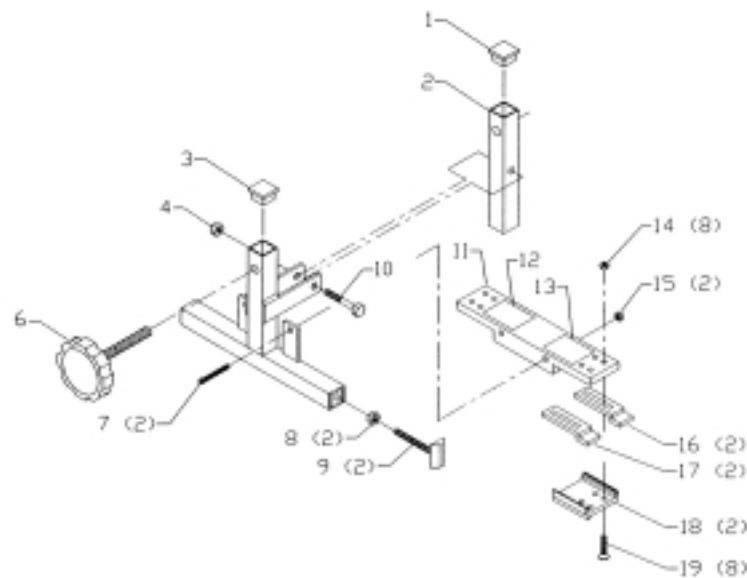
REF. NO.	PART NUMBER	DESCRIPTION
*	OPTIONAL	MITER SAW TABLE ASSY, INCL.:
1	1351825	TABLE (5-1/2" x 2')
1	1351826	TABLE (5-1/2" x 4')
1	1351827	TABLE (5-1/2" x 6')
1	1351828	TABLE (5-1/2" x 8')
1	1351861	TABLE (10" x 3')
1	1351862	TABLE (10" x 4')
1	1351863	TABLE (10" x 6')
1	1351864	TABLE (10" x 8')
2	1351823	END CAP
3	1350441	#10 X 5/8" PH PN HD SCREW
4	1351824	END CAP
5	1351911	#10 X 1-1/2" PAN HD SCREW

* NOT SHOWN ASSEMBLED



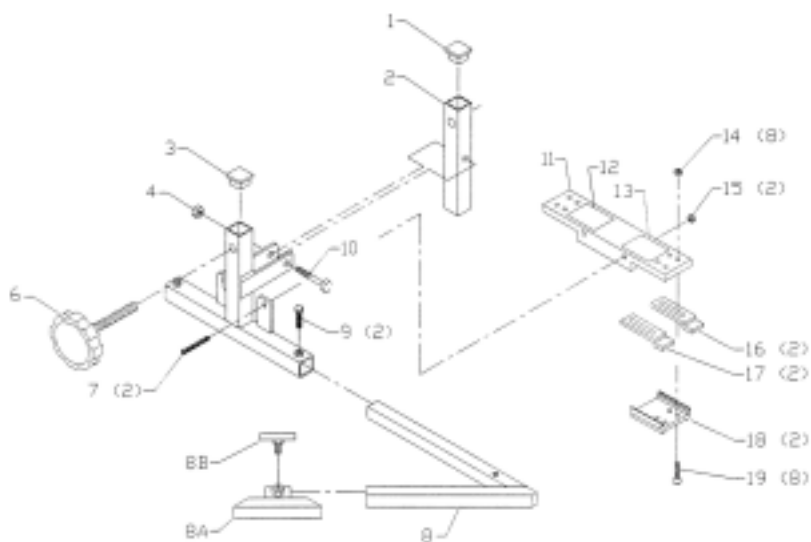
78-989 DUAL POINTER CUTOFF SAW STOP

REF. NO.	PART NUMBER	DESCRIPTION
*	78-989	DUAL POINTER CUTOFF SAW STOP, INCL:
1	1350191	END CAP
2	1350192	CLAMP BAR
3	1350191	END CAP
4	1350280	1/4-20 LOCK NUT
6	1350188	KNOB
7	1350408	#10-32 X 1-3/4" PAN HD SCR
8	1350409	5/16-18 HEX NUT
9	1350410	5/16-18 X 2" FLAT HD SCR
10	1350303	1/4-20 X 1-1/2" HEX HD SCR
11	1351312	SLIDE BLOCK
12	1350207	NAMEPLATE
13	1350077	FLAG DECAL
14	1350315	#10-32 HEX NUT
15	1350315	#10-32 HEX NUT
16	1350189	CURSOR
17	1350411	#10-32 X 7/8" FLAT HD SCR
* NOT SHOWN ASSEMBLED		



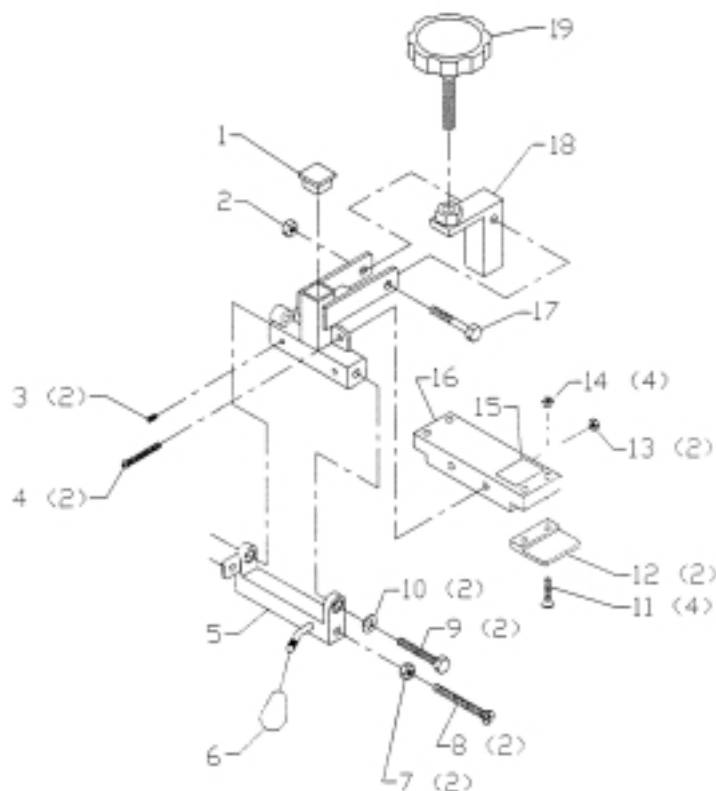
78-990 DUAL POINTER OUTSIDE MITER CUTOFF SAW STOP

REF. NO.	PART NUMBER	DESCRIPTION
*	78-990	DUAL POINTER OUTSIDE MITER CUTOFFSAW STOP, INCL:
1	1350191	END CAP
2	1350192	CLAMP BAR
3	1350191	END CAP
4	1350280	1/4-20 LOCK NUT
6	1350188	KNOB ASSY
7	1350408	#10-32 X 1-3/4" PAN HD SCREW
8	1350409	5/16-18 HEX NUT
9	1350980	FOOT ASSY
10	1350303	1/4-20 X 1-1/2" HEX HD SCREW
11	1351315	SLIDE BLOCK
12	1350207	NAMEPLATE
13	1350077	FLAG DECAL
14	1350698	#08-32 HEX NUT
15	1350315	#10-32 HEX NUT
16	1350694	CURSOR (RED)
17	1350696	CURSOR (BLACK)
18	1350693	CURSOR CLAMP
19	1350697	#08-32 X 7/8" FLAT HD SCREW
* NOT SHOWN ASSEMBLED		



78-994 DUAL POINTER INSIDE MITER CUTOFF SAW STOP

REF. NO.	PART NUMBER	DESCRIPTION
*	78-994	DUAL POINTER INSIDE MITER CUTOFF SAW STOP, INCL:
1	1350191	END CAP
2	1350192	CLAMP BAR
3	1350191	END CAP
4	1350280	1/4-20 LOCK NUT
6	1350188	KNOB ASSY
7	1350408	#10-32 X 1-3/4" PAN HD SCREW
8	1352139	SLIDE BAR
8A	1350975	INSIDE MITER STOP
8B	1350809	WING SCREW
9	1350295	1/4-20 X 1/2" HEX HD SCREW
10	1350303	1/4-20 X 1-1/2" HEX HD SCREW
11	1351315	SLIDE BLOCK
12	1350207	NAMEPLATE
13	1350077	FLAG DECAL
14	1350698	#08-32 HEX NUT
15	1350315	#10-32 HEX NUT
16	1350694	CURSOR (RED)
17	1350696	CURSOR (BLACK)
18	1350693	CURSOR CLAMP
19	1350697	#08-32 X 7/8" FLAT HD SCREW
* NOT SHOWN ASSEMBLED		



78-992

DUAL POINTER FLIP-STOP

REF. NO.	PART NUMBER	DESCRIPTION
*	78-992	DUAL POINTER FLIP-STOP, INCL:
1	1350191	END CAP
2	1350280	1/4-20 LOCK NUT
3	1350413	#10-32 X 1-1/4" HEX SOC SET SCREW
4	1350408	#10-32 X 1-3/4" PAN HD SCREW
5	1350212	FLIP ASSY
6	1350203	KNOB
7	1350409	5/16-18 HEX NUT
8	1360412	5/16-18 X 1-1/2" FLAT HD SCREW
9	1350414	5/16-18 X 1-1/4" HEX HD SCREW
10	1350308	5/16" FLATWASHER
11	1350411	#10-32 X 7/8" FLAT HD SCREW
12	1350189	CURSOR
13	1350315	#10-32 HEX NUT
14	1350315	#10-32 HEX NUT
15	1350206	NAMEPLATE
16	1351318	SLIDEBLOCK
17	1350303	1/4-20 X 1-1/2" HEX HD SCREW
18	1350202	CLAMP ASSY
19	1350066	KNOB ASSY
* NOT SHOWN ASSEMBLED		

PARTS, SERVICE OR WARRANTY ASSISTANCE

This product is manufactured to high quality standards and is serviced by a network of Factory Service centers and Authorized Service Stations.

To obtain additional information regarding this product, or to obtain parts, service or warranty assistance, please call our toll-free numbers. Highly qualified and experienced Customer Service Representatives are standing by to assist you.

Contact us at (800) 782-1831. Or write us at Biesemeyer, 4825 Highway 45 North, Jackson, TN, 38305.