

DISC/BELT SANDER

INSTRUCTIONS



The 36" BELT & 6" DISC SANDER is designed for rugged reliability and ease of use. The positionable belt drive assembly provides a full 90° of adjustment from horizontal to vertical, and features a secure stop fence/tool rest for safety and convenience. The 6" disc sander features an angle-adjustable work surface and sliding miter gauge/fence to allow grinding to precise angles with one convenient bench-mount tool.

WARNINGS

- This tool has high-speed, highly abrasive surfaces which can quickly cause severe injury. Keep fingers and hands away from moving parts when operating.
- Wear thick, well-fitting work gloves, and keep loose clothing, sleeves, cords, jewelry and hair away from moving parts.
- Wear appropriate eye protection. Metal particles and dust can be ejected during the grinding/sanding process.
- Wear appropriate respiratory protection. Hazardous dust is generated during the grinding/sanding process.
- Frequently inspect belt and disc condition. If tears or holes develop, discontinue tool use immediately and replace damaged disc or belt.

INCLUDES

- (1) Disc/Belt Assembly
- (1) Belt Sander Tool Rest/Stop Fence with Screws & Washers
- (1) Disc Sander Adjustable Work Surface/Miter Plate and Lock-Down Knob
- (1) Disc Sander Miter Gauge and Fence
- (1) 6mm Hex Key

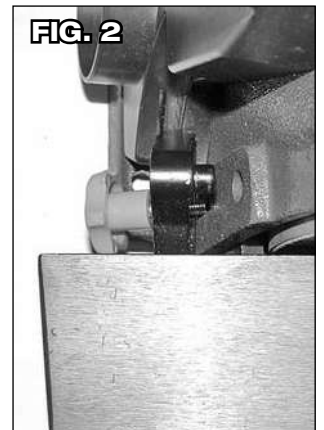
SPECIFICATIONS

- 110 VAC/60Hz
- 1/2 HP, 3450 RPM
- Belt : 4" x 36", 80-grit
- Disc: 6" pressure-sensitive adhesive-backed, 80-grit



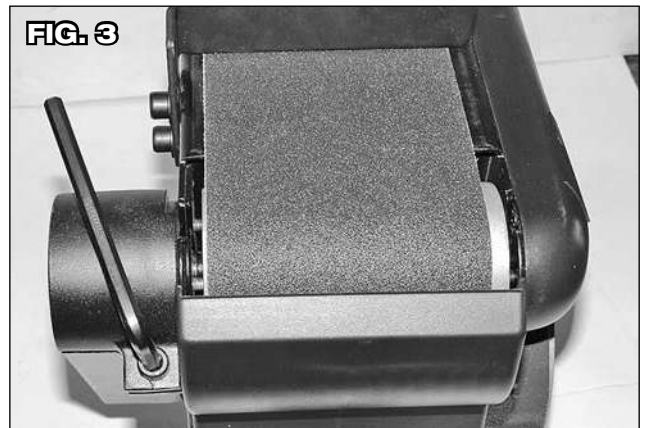
ASSEMBLY

- Attach the Stop Fence/Tool Rest to the Belt Sander assembly with the two 6mm socket head cap screws and washers included. Keep the bottom edge of the Fence/Rest approx. 0.063" [1.5mm] from the belt and tighten screws securely.
NOTE: Fence/Rest should not contact sanding belt. Check for contact with belt and re-adjust if necessary (Fig. 1).
- Attach the Adjustable Work table to the cast housing by placing the locating pin into the hole and securing with the yellow Lock-Down Knob.
NOTE: Work Surface/Miter Plate should not contact sanding disc. Check for contact with disc and re-adjust if necessary (Fig. 2).



SET-UP

- Using suitable lag bolts or through bolts and nuts (not included), securely bolt the housing flanges to a secure work surface to prevent tool movement while in use.
- The Belt Sander feature position is adjustable from horizontal to 90° vertical.
To adjust: Loosen 6mm socket head cap screw on Belt Sander Pivot Clamp with 6mm wrench included, choose your preferred working position for the Belt Sander, then tighten screw securely to lock it in position (Fig. 3).
NOTE: Be certain the Belt Sander Assembly is securely clamped. Severe personal injury could occur if Belt Sander Assembly position slips during use.



OPERATION

- Plug power cord into a 120 VAC outlet and move power switch up to the "ON" position.
- When using the Belt Sanding feature, allow your workpiece to gently rest against the Stop Fence/Tool Rest and move it from side to side as the belt is moving (Fig. 4).

WARNING: Do not keep your workpiece in one place while sanding, and do not push your workpiece into the belt since this will overheat the belt, causing premature wear, failure and possibly personal injury.

- When using the Disc Sanding feature, allow your workpiece to gently rest on the Adjustable Work Surface/Miter Plate and gently press it against the disc as it rotates; do not force it into the disc (Fig. 5).

The Adjustable Work Surface angle is adjustable vertically from 0° to 45°, and the Miter Plate Fence is angle-adjustable horizontally through a full 120° to allow precise angle grinding of tool surfaces.

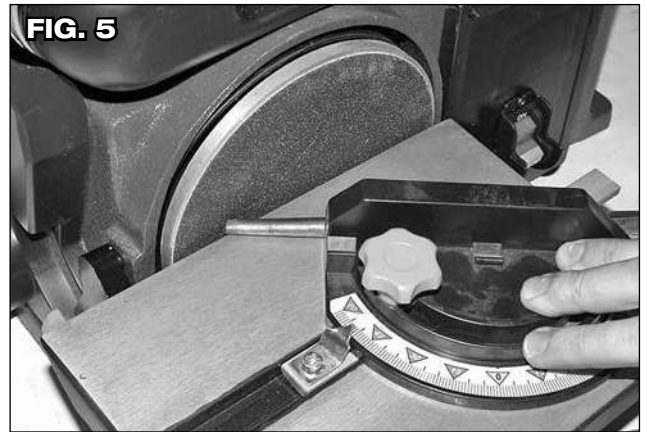
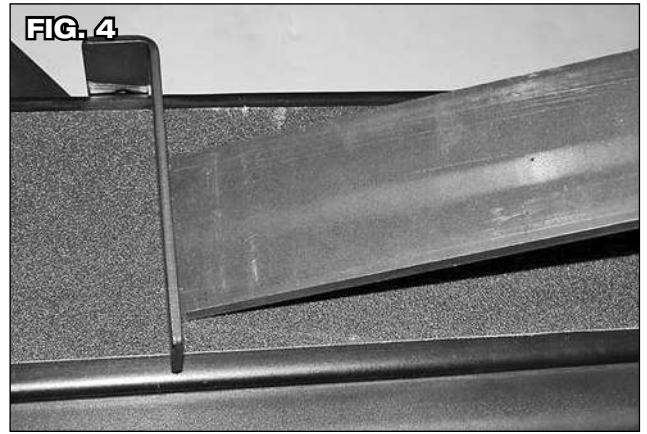
BELT TRACKING ADJUSTMENT

For ideal operation and true tracking, both the Belt Drive and the Idler Drums should be parallel to one another. With tool use, occasional adjustment may be required.

Follow steps 1 through 7 below for belt tracking adjustment.

CAUTION: Unplug tool before beginning belt tracking adjustment or severe personal injury could result if motor should start during this procedure.

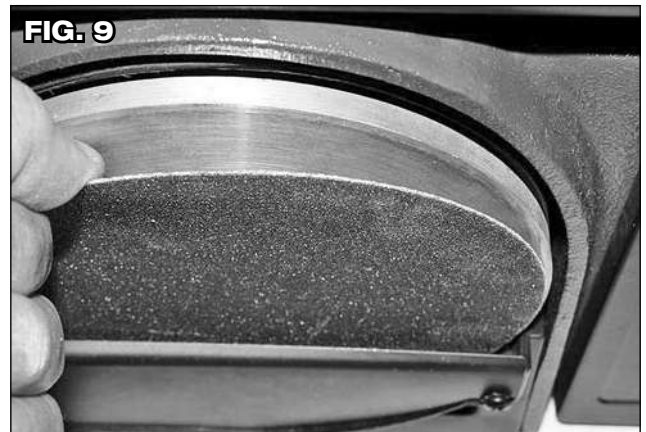
1. Loosen belt tension by pulling out the grey Belt Tension Lever (nested into the front of the Belt Sander Assembly) until it stops. It will remain in this position (Fig. 6).
2. Center the belt on both the Belt Drive and Idler Drums by sliding it in or out as needed.
3. Snap the Belt Tension Lever back into its place on the Belt Sander Assembly.
4. Roll the belt by hand and observe whether the belt is skewing to one side or another or making contact with the frame of the Belt Sander.
5. If skewing right – decrease tension on tracking by turning the Yellow Tracking Knob up or "toward" the Belt Sander working surface. This will force the belt to track towards the left or "rear" of the tool (Fig. 7).
6. If skewing left – increase tension on tracking by turning Yellow Tracking Knob down or "away" from the Belt Sander working surface. This will force the belt to track towards the right or "front" of the tool (Fig. 7).
7. It may be necessary to repeat steps 1 through 4 several times until even belt tracking is achieved.



BELT REPLACEMENT

CAUTION: Unplug tool before beginning belt replacement or severe personal injury could result if motor should start during this procedure. Always use an Eastwood-approved 4" x 36" sanding belt to insure safe operation.

1. Loosen belt tension by pulling out the grey Belt Tension Lever (nested into the front of the Belt Sander Assembly) until it stops. It will remain in this position.
2. Pull worn belt off the Belt Sander Assembly by pulling it toward the right or "front" of the tool. (Fig. 8).
3. Place the new belt onto the Belt Sander Assembly by sliding it over the Belt Drive and Idler Drums and centering it.
4. Snap the Belt Tension Lever back into its place on the Belt Sander Assembly.
5. Roll the belt by hand and observe whether the belt is skewing to one side or another or making contact with the frame of the Belt Sander.
6. If the belt is skewing to one side or another after replacement, follow the Belt Tracking Adjustment procedure outlined previously.



DISC REPLACEMENT

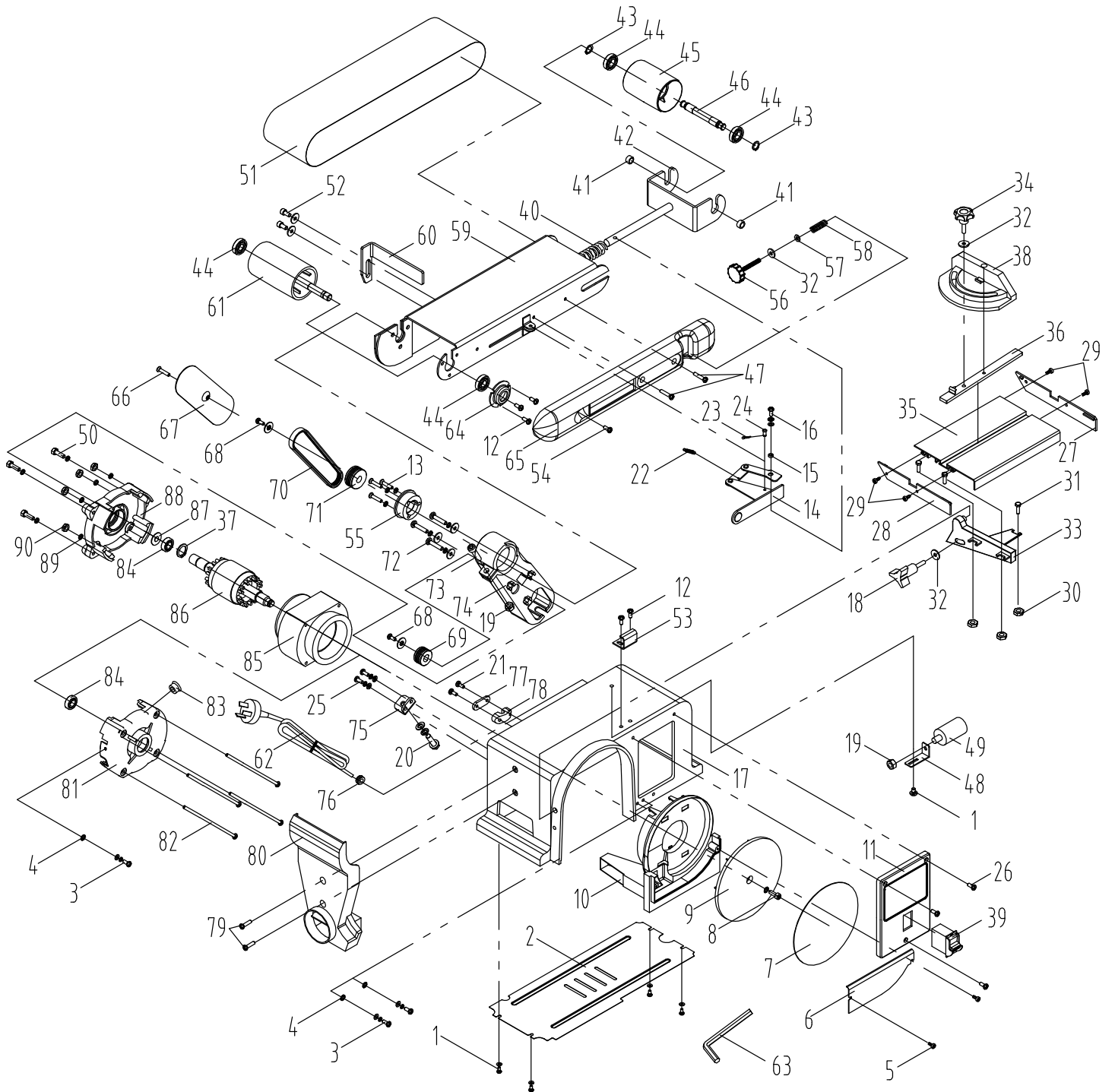
CAUTION: Unplug tool before beginning disc replacement or severe personal injury could result if motor should start during this procedure. Always use an Eastwood-approved 6" PSA sanding disc to insure safe operation.

1. Remove the Adjustable Work Surface/Miter Plate by loosening and removing the Yellow Locking Knob.
2. Peel away the worn sanding disc from the backing plate (Fig. 9).
3. Clean any adhesive residue, grit or dirt from the backing disc.
4. Peel backing paper from the new sanding disc, center over the backing disc, and press into place. Be sure all surfaces of disc are adhering and no bubbles or wrinkles are present.

TOOL MAINTENANCE

- Inspect sanding belt and disc for damage before each use, and replace if worn or torn.
- Keep all areas of the tool clean, particularly those surfaces that contact sanding belt and disc. Dirt and metal chips can cause uneven sanding and inaccurate grinding.
- Store in a clean and dry environment when not in use. Coat all machined surfaces with a light lubricant film of oil or suitable protectant to prevent rust formation.

EXPLODED VIEW



PARTS LIST

No.	Name	Spec	Qty
1	Screw + Spring washer + Washer	M4X6	5
2	Baseplate		1
3	Screw + Spring washer + Washer	M4X7	3
4	Lock washer	φ4	3
5	Screw	ST4.2X10	2
6	Disc Cover		1
7	Sandpaper	150mm-80#	1
8	Screw + Lock washer	M6X16	1
9	Disc		1
10	Wheel Box		1
11	Switch panel		1
12	Screw	M5X8	5
13	Screw + Spring washer	M5X25	3
14	Tension Handle		1
15	Bushing		1
16	Screw + Washer + Large washer	M5X16	1
17	Base		1
18	Table lock handle		1
19	Hexagon nut	M8	2
20	Screw + Spring washer + washer	M8X30	1
21	Screw	M4X20	2
22	Tension spring		1
23	Cotter	1.6X10	1
24	Hinge pin	5X10	1
25	Screw + Spring washer + Wsher	M5X12	2
26	Screw	M4X10	3
27	Work table right baffle		1
28	Work table left baffle		1
29	Screw	3.5*9.5	4
30	Hexagon nut with flange	M6	3
31	Hexagon bolt	M6*14	3
32	Flat washer	φ6	3
33	Work Table Support		1
34	Index dial handle		1
35	Work Table		1
36	Miter bar		1
37	Circlip for shaft	D17	1
38	Index plate		1
39	Switch		1
40	Compressed spring		1
41	Hube		2
42	Guide Support		1
43	Circlip for shaft	D12	2
44	Bearing	6001-2RS	4
45	Driven Roller		1

No.	Name	Spec	Qty
46	Driven Shaft		1
47	Screw	M5*25	2
48	Capacitor support		1
49	Capacitor		1
50	Hexagon head bolt +Spring washer	M6X20	3
51	Belt	100*914mm	1
52	Screw + Washer	M8X16	2
53	Brace		1
54	Screw	M5x16	1
55	Bearing pedestal		1
56	Belt adjusting handle		1
57	Rubber washer		1
58	Regulating spring		1
59	Support assy		1
60	Limit Board		1
61	Driving Roller		1
62	Power cord		1
63	Hex wrench	M6X90X32	1
64	Bearing Hat		1
65	Support Guard		1
66	Screw +Washer	M5x25	1
67	Belt cover plate		1
68	Screw + abnormal lock washer	M5x16	2
69	Motor shaft wheel		1
70	Belt		1
71	Driven Wheel		1
72	Screw + Spring washer + Washer	M6x25	3
73	Hexagon socket head bolt	M8X25	1
74	Belt cover		1
75	Belt cover support plate		1
76	Strain relief	6P4	1
77	Strain relief board		1
78	Strain relief plate		1
79	Screw	M5*20	2
80	Dust Guard		1
81	Front End Cover		1
82	Screw	M6*113	4
83	Retainer		1
84	Bearing	6003-2RS	2
85	stator		1
86	Rotor		1
87	Corrugated spring washer	φ35	1
88	Rear end cover		1
89	Spring washer	φ6	4
90	Hexagon nut	M6	4

