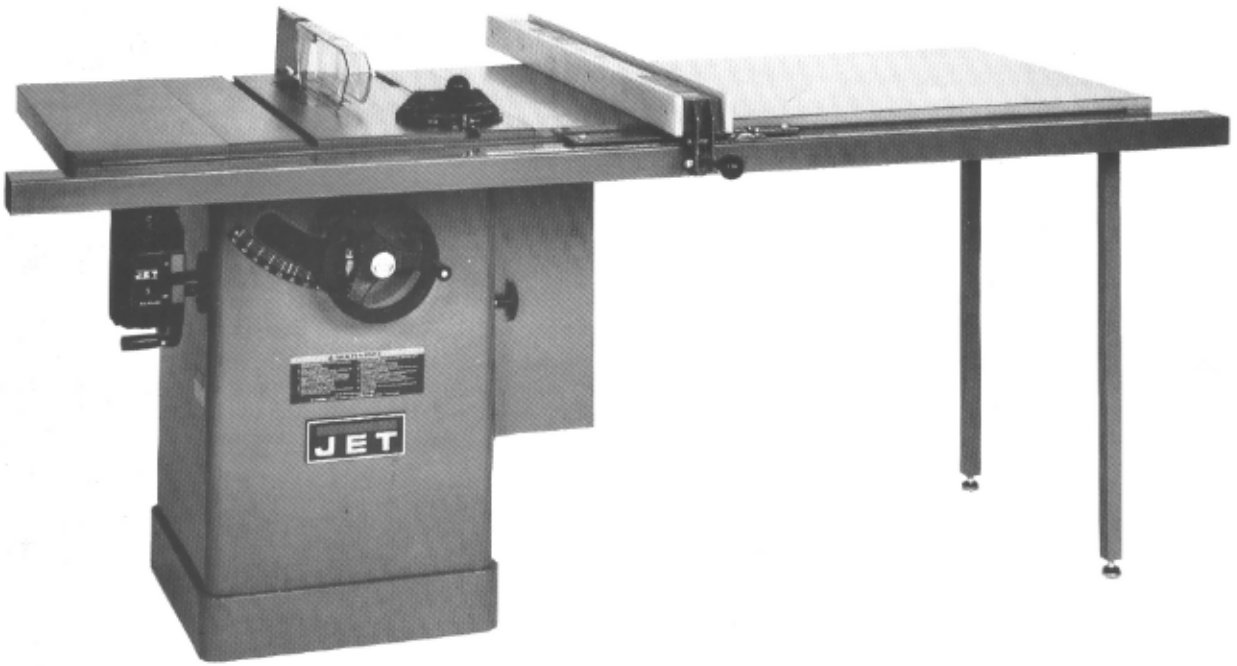
JET
EQUIPMENT & TOOLS

OPERATOR'S MANUAL

JTAS-10 / JTAS-12 Tilting Arbor Tablesaw



(JTAS-10 shown w/ optional JET XACTA Fence, extension table, and support legs)

JET EQUIPMENT & TOOLS, INC.
A WMH - Walter Meier Holding Company

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253-351-6000
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No. M-708510 4/02

Important Information

2-YEAR LIMITED WARRANTY	JET offers a two-year limited warranty on this product

REPLACEMENT PARTS

Replacement parts for this tool are available directly form JET Equipment & Tools.
To place an order, call 1-800-274-6848. Please have the following information ready:

1. Visa, MasterCard, or Discover Card number
2. Expiration date
3. Part number listed within this manual
4. Shipping address other than a Post Office box.

REPLACEMENT PART WARRANTY

JET Equipment & Tools makes every effort to assure that parts meet high quality and durability standards and warrants to the original retail consumer/purchaser of our parts that each such part(s) to be free from defects in materials and workmanship for a period of thirty (30) days from the date of purchase.

PROOF OF PURCHASE

Please retain your dated sales receipt as proof of purchase to validate the warranty period.

LIMITED TOOL AND EQUIPMENT WARRANTY

JET makes every effort to assure that its products meet high quality and durability standards and warrants to the original retail consumer/purchaser of our products that each product be free from defects in materials and workmanship as follows: 2 YEAR LIMITED WARRANTY ON THIS JET PRODUCT. Warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities or to a lack of maintenance. JET LIMITS ALL IMPLIED WARRANTIES TO THE PERIOD SPECIFIED ABOVE FROM THE DATE THE PRODUCT WAS PURCHASED AT RETAIL. EXCEPT AS STATED HEREIN, ANY IMPLIED WARRANTIES OR MECHANTABILITY AND FITNESS ARE EXCLUDED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG THE IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. JET SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERY OR FOR INCIDENTAL, CONTINGENT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. To take advantage of this warranty, the product or part must be returned for examination, postage prepaid, to an authorized service station designated by our Auburn office. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection discloses a defect, JET will either repair or replace the product or refund the purchase price, if we cannot readily and quickly provide a repair or replacement, if you are willing to accept such refund. JET will return repaired product or replacement at JET's expense, but if it is determined there is no defect, or that the defect resulted from causes not within the scope of JET's warranty, then the user must bear the cost of storing and returning the product. This warranty gives you specific legal rights, and you have other rights, which vary, from state to state.

⚠ WARNING

- **Read and understand the entire instruction manual before attempting assembly or operation.**
- **This tablesaw is designed and intended for use by properly trained and experienced personnel only. If you are not familiar with the proper and safe operation of a tablesaw, do not use until proper training and knowledge has been obtained.**
- Always wear approved safety glasses/face shields while using this tablesaw.
- Make certain the tablesaw is properly grounded.
- Before operating the tablesaw, remove tie, rings, watches, other jewelry, and roll up sleeves above the elbows. Remove all loose clothing and confine long hair. Do **not** wear gloves.
- Keep the floor around the tablesaw clean and free of scrap material, oil and grease.
- Keep the tablesaw guards in place at all times when the tablesaw is in use. If removed for maintenance purposes, use extreme caution and replace the guards immediately.
- Do **not** over reach. Maintain a balanced stance at all times so that you do not fall or lean against blades or other moving parts.
- Make all tablesaw adjustments or maintenance with the tablesaw unplugged from the power source.
- Use the right tool. Don't force a tool or attachment to do a job that it was not designed for.
- Replace warning labels if they become obscured or removed.
- Make certain the motor switch is in the **OFF** position before connecting the tablesaw to the power supply.
- Give your work undivided attention. Looking around, carrying on a conversation, and "horse-play" are careless acts that can result in serious injury.
- Keep visitors a safe distance from the work area.
- Use recommended accessories; improper accessories may be hazardous.
- Never place hands directly in line with the saw blade.
- Always use push sticks when cutting small material.
- Raise or lower the blade only when the tablesaw has been turned off and the blade has come to a complete stop.
- Read and understand warnings posted on the tablesaw.
- Use blade guard for every applicable operation including all through cuts. If the guard is removed for special non-through cuts such as dado and rabbet cuts, replace before further use of the tablesaw.
- Failure to comply with all of these warnings may cause serious injury.
- **WARNING:** Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to cause cancer, birth defects of other reproductive harm.
  Some examples of these chemicals are:
  - Lead from lead based paint
  - crystalline silica from bricks and cement and other masonry products, and
  - arsenic and chromium from chemically-treated lumber.
- Your risk from those exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specifically designed to filter out microscopic particles.

Introduction

The JET JTAS-10 or JTAS-12 tablesaw you have purchased is a high quality machine tool that will give you years of superior service. You will get maximum performance and enjoyment from your new table saw if you will take a few moments now to review the entire manual before beginning assembly and operation.

The JET JTAS-10 and JTAS-12, as well as all JET products, are backed by a nationwide network of authorized distributors and/or service centers. Please contact your nearest distributor should you require parts or service. Parts are also available directly from JET by calling 1-800-274-6844.

Now that you have purchased a tablesaw, it is a good time to consider a dust collection system. See your local JET distributor for the complete line of dust collectors and the full line of JET Dust Collector Hoses and Accessories. Customize your installation and obtain maximum performance with JET's dust hoods, hoses, clamps, fittings, and blast gates.

Table of Contents

Specifications — JTAS-10

Stock Number	708510 (3HP, 1 Ph)
	708540 (5HP, 1Ph)
	708530 (5 HP, 3 Ph)
Blade Diameter	10"
Arbor Diameter	5/8"
Maximum Depth of Cut	3"
Maximum Thickness at 45° Cut	2-1/8"
Table in Front of Saw Blade at Maximum Cut	12"
Maximum Width of Dado	13/16"
Maximum Diameter of Dado	8" with no clearance insert
Dust Port Diameter	4"
Table Height	34"
Table Size (with extension)	27"D x 40"W
Table Size (without extension)	27" D x 20"W
Arbor Speed	4,200 RPM
Motor	3HP, 1Ph, 230V only
	5HP, 1 Ph, 230V only
or	5HP, 3Ph, 230/460V, prewired 230V
Net Weight (approx.)	352 lbs.

Specifications — JTAS-12

Stock Number	708536 (5HP, 1 Ph)
	708541 (5HP, 3 Ph)
Blade Diameter	12"
Arbor Diameter	1"
Maximum Depth of Cut	4"
Maximum Thickness at 45° Cut	2-7/8"
Table in Front of Saw Blade at Maximum Cut	12"
Maximum Width of Dado	13/16"
Maximum Diameter of Dado	8"
Dust Port Diameter	4"
Table Height	33-7/8"
Table Size (with extension)	29"D x 44"W
Table Size (without extension)	29" D x 22"W
Arbor Speed	4,200 RPM
Motor	5HP, 1Ph, 230V only
or	5HP, 3Ph, 230/460V, prewired 230V
Net Weight (approx.)	396 lbs.

The JTAS-10 and JTAS-12 Tilting Arbor tablesaws are designed to allow the use of several precision fences by various manufacturers. Please follow the directions for mounting the fence and rails that come with the fence system you have purchased.

The specifications in this manual are given as general information and are not binding. JET Equipment and Tools reserves the right to effect, at any time and without prior notice, changes or alterations to parts, fittings, and accessory equipment deemed necessary for any reason whatsoever.

⚠ WARNING

Read and understand the entire contents of this manual before attempting assembly or operation!
Failure to comply may cause serious injury!

Contents of the Shipping Container

1 Saw
1 Motor Cover
2 Extension Wing

Accessory Package:
1 Blade Guard Assembly
1 Hand Wheel / Handle Assembly
1 Lock Knob
1 Arbor Wrench
1 Miter Gauge Assembly
1 Blade Guard Wrench w/ Cable
1 Switch Brace
1 8mm Hex Wrench

Note: The blade guard wrench attached to the blade guard shaft with a cable is included for your convenience. Install the blade guard shaft assembly as shipped and the wrench will always be immediately available to adjust, install, or remove the blade guard assembly. **Always use the blade guard whenever possible. If making cuts that require the removal of the blade guard, use extreme caution. Replace the blade guard immediately after finishing those cuts that require it's removal.**

Tools Required for Assembly

Metric Wrench Set or 6"-8" Adjustable Wrench
Metric Hex Wrench Set

Unpacking and Clean-Up

1. Finish removing all contents from the shipping container. Do not discard any shipping material until the saw is set up and running satisfactorily.
2. Inspect contents for shipping damage. Report damage, if any, to your local distributor.
3. Compare contents of shipping container with contents list in this manual. Report shortages, if any, to your distributor.
4. Remove hex cap bolts, washers, and hex nuts from skid bottom.
5. Carefully move saw to its final location.

⚠ WARNING

Do not connect the tablesaw to the power source until all assembly has been completed! Failure to comply may cause serious injury!

Installation and Leveling

Final location for the saw must be level, dry, well lighted, and have enough room to allow movement around the saw with long pieces of wood stock.

Level the saw front to back and side to side using a carpenter's level placed on the table. Use shims under the corners, if necessary, but make sure the saw is stable before being placed into service.

Motor Cover Assembly

1. Remove shipping bracket (A, Fig. 1) holding motor to table.
2. After the shipping bracket has been removed, install the bolt back into the motor support bracket (B, Fig. 1). The other bolt is used to hold the extension wing in place.
3. Remove remaining two hex cap bolts, lock washers, and flat washers in the table edge.
4. Install motor cover by aligning pins on cover with brackets on pedestal.
5. Fasten cover by pulling out latch (A, Fig. 2), closing the door, and releasing the latch.

Extension Wing Assembly

1. Remove shipping bracket (A, Fig. 3) holding switch assembly to table. Do **not** discard the hardware.
2. Attach extension wings to table with six hex cap bolts previously removed.
3. Slide each extension wing toward the front of the saw until the wing is flush with the table **If the wing is not flush with the table edge, there is a possibility of distorting the front rail when tightened to the extension wing. This may cause the fence to bind.**
4. Using a straight edge, align the extension wings to the saw table and tighten the hex cap bolts.

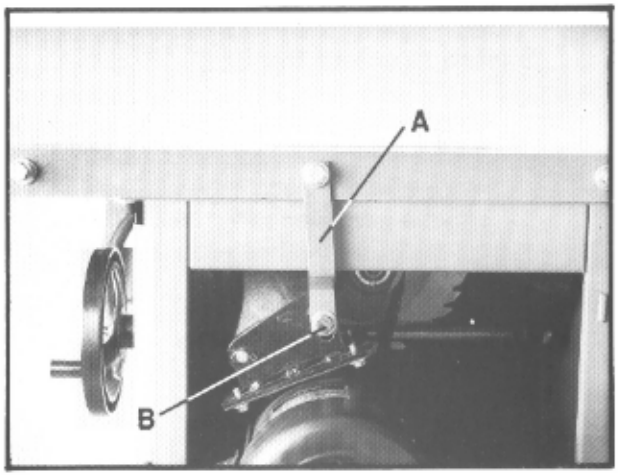


Fig. 1

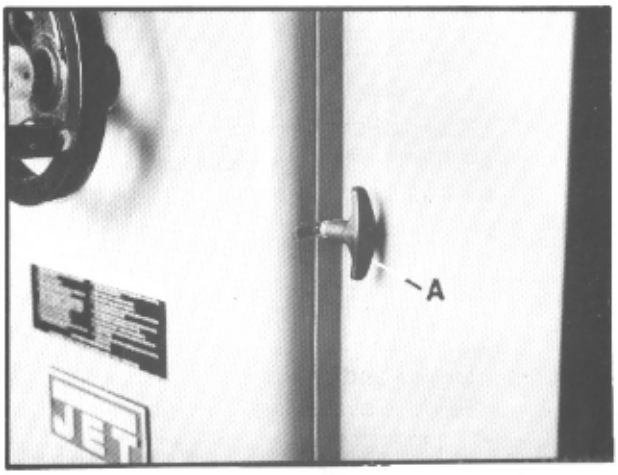


Fig. 2

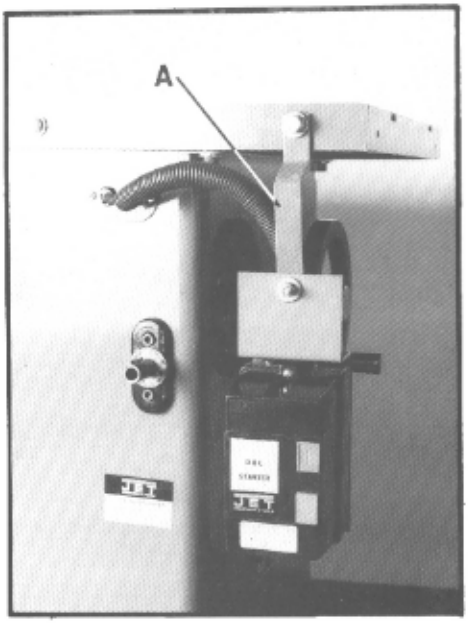


Fig. 3

Attaching the Switch Bracket Assembly and Switch Brace to the Saw

1. Place switch bracket assembly behind both the front fence rail and the lip of the left extension wing. (Do not place between the front fence rail and the extension wing - this will cause the front rail to distort and the fence to bind).

2. Line up the hole in the switch bracket assembly with the hole in the rail and the extension wing.

3. Attach the switch bracket assembly to the rail with one 5/16" x 1-1/4" flat head screw, one 5/16" flat washer, and one 5/16" hex nut found in the fence kit.

4. Loosen (do not remove) hex socket cap screw (A, Fig. 3-1). Do not remove the table – this is for illustration purposes only.

5. Slide the open tab of the switch brace (D, Fig. 3-1) onto the hex socket cap screw and washer and hand tighten.

6. Remove the nut (B, Fig. 3-1) and star washer (C, Fig. 3-1) from the screw at the bottom of the switch plate.

7. Fasten the switch brace to the switch bracket assembly with the star washer and nut. Remove the switch box cover and hold the screw from the other side, if necessary.

8. Carefully replace the switch box cover, if necessary. Make sure all wires are inside the box. Do not force the box closed.

9. Align the switch and tighten all hardware firmly.

10. When completed, the switch brace and switch bracket should look like Fig. 3-2.

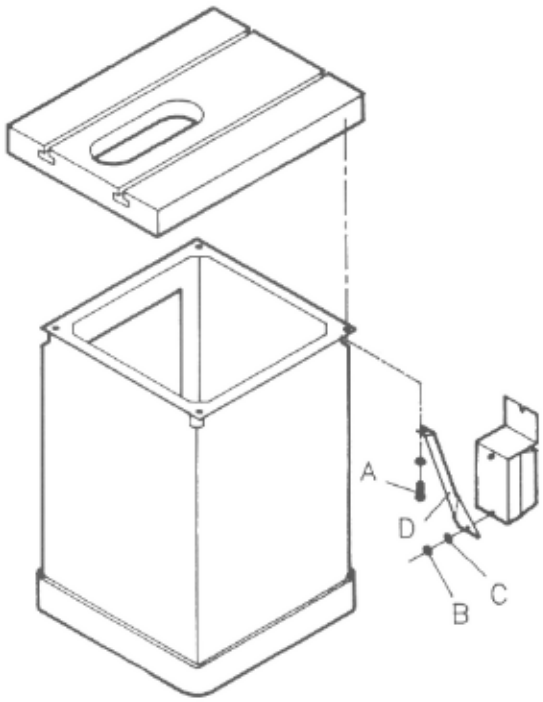


Fig. 3-1

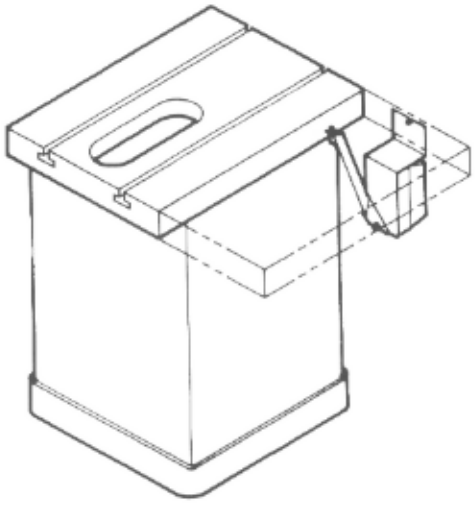


Fig. 3-2

Blade Guard Assembly

1. Place a 5/8" lock washer onto the threaded portion of the blade guard shaft.
2. Thread blade guard shaft into rear trunnion through opening at rear of saw. (Fig. 4).
3. Tighten blade guard shaft. The blade guard post has a flat detent to accommodate a wrench.
4. Place upper and lower bracket assembly in the upright position and tighten two set screws (A, Fig. 4) just enough to hold in place. Do not tighten firmly at this time.
5. Insert front tab of blade guard assembly through insert opening in table and onto bracket assembly. Tab fits between bracket assembly (A, Fig. 5) and flat washer (B, Fig. 5).
6. Hold rear tab (A, Fig. 6) of blade guard assembly to the upper blade guard bracket (B, Fig. 6) with two hex cap bolts (C, Fig. 6), and a plate. Finger tighten only at this time.
7. Blade will need to be installed, if not installed already, before final adjustment can be made.

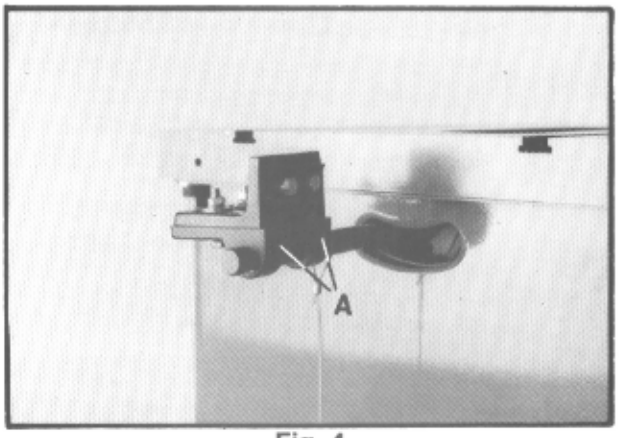


Fig. 4

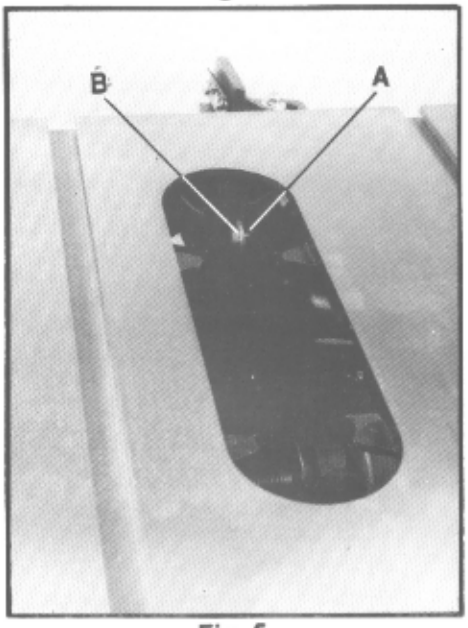


Fig. 5

Installing Blade

⚠ WARNING

When installing or changing saw blade, always disconnect saw from the power source! Failure to comply may cause serious injury!

1. Raise the blade arbor fully and lock the saw at zero by tightening the lock knob in the middle of the handwheel.
2. Remove the arbor nut and flange.

Note: Nut has left hand thread; turn clockwise to remove.

3. Place the blade on the arbor shaft making sure the teeth point down at the front of the saw. Replace the flange and the arbor nut.
4. Place a wood scrap in the blade's teeth at the rear of the machine. Hold the block of wood in such a way that if it slips or the blade turns, your hand will not contact the blade.
5. Using the wrench provided, securely tighten the arbor nut. Remove the wrench.

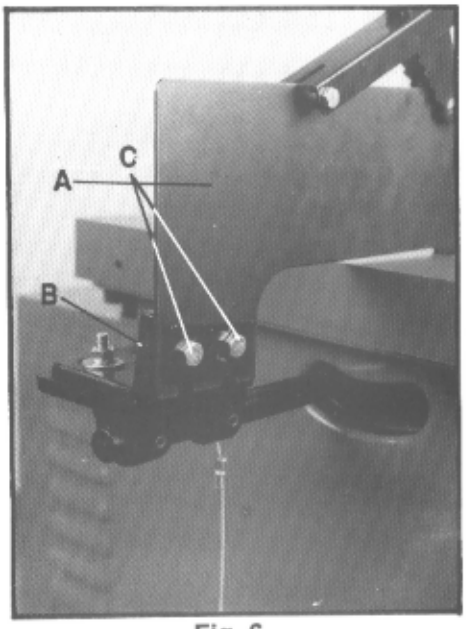


Fig. 6

Aligning Blade Guard and Splitter

1. Raise blade guard away from table and hold anti-kickback pawls away from table surface with the cut-out in the guard arm. (Fig. 7)
2. Using an accurate straight edge (A, Fig. 7), align the splitter with the saw blade.

Note: Be sure that straight edge rests against body of saw blade and not saw teeth.

3. When saw blade is aligned with the splitter, carefully tighten the hex cap bolt on the bracket assembly inside the saw.
4. Make sure the splitter is level with the table and approximately 1/8" above the table before tightening the hardware on the rear of the blade guard assembly. Space between the splitter and the table keeps the splitter from binding on the table when the blade is tilted to 45°.
5. Check alignment again after tightening hardware. Realign if necessary.

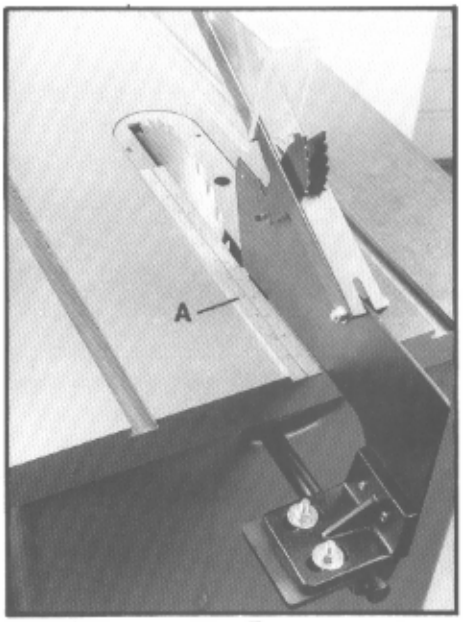


Fig. 7

Hand Wheel Assembly

1. Attach handle (A, Fig. 8) to hand wheel (B, Fig. 8).
2. Tighten lock nut to prevent the handle from coming out.
3. Slide handwheel assembly onto the shaft.
4. Tighten the set screw on the handwheel hub securely.
5. Install center lock knob (C, Fig. 8) by inserting into the center hole in the shaft and threading in a clockwise direction.

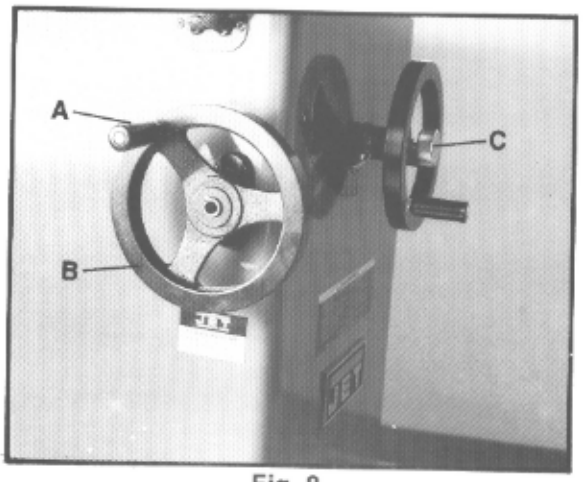


Fig. 8

Table Insert Adjustment

1. Lower blade completely.
2. Place the open end of the insert under the splitter and lower the insert into the opening. If you have difficulty placing the insert, the blade guard assembly will have to be raised.
3. Adjust the table insert flush with the table by turning four leveling screws and using a straight edge.

Electrical Connections

⚠ WARNING!

All electrical connections must be completed by a qualified electrician!
Failure to comply may result in serious injury!

The JTAS-10 table saw is rated at 3 HP, 1Ph, 230V, 5 HP, 1 Ph, 230V, or 5 HP, 3Ph, 230/460V. The JTAS-12 is rated at 5HP, 1Ph, 230V or 5 HP, 3Ph, 230/460V. Both saws come pre-wired from the factory at 230V.

To switch the JTAS-10/12 from 230V to 460V:

1. **Disconnect the machine from the power source. (unplug)**
2. Open the saw cabinet door.
3. Remove the cover from the motor junction box.
4. Change wires following the diagram on the inside of the cover.
5. Replace the cover and close the cabinet door.
6. Replace the magnetic on-off switch with part #JTAS10-23B. This switch is available through your authorized JET distributor or by calling JET at 1-800-274-6844.

Confirm power at the site is the same as the saw before making any electrical connections. Review the electrical schematics on page 22-23.

The on and off switch is **thermally protected**. If the saw motor is overloaded or a momentary interruption of electrical current is sensed, the saw will shut off. Allow a few minutes for the saw to cool down and reset by **pushing the off button**.

Miter Gauge Operation

1. Operate miter gauge by loosening lock knob (A, Fig. 9) and turning miter body (B, Fig. 9) to desired angle. To move gauge beyond index stops of 45° and 90°, flip down stoplink (C, Fig. 9).
2. Adjust index stops by turning one of three adjustment screws (D, Fig. 9).

Note: Always make test cuts. Do not rely solely on the miter gauge indicator marks.

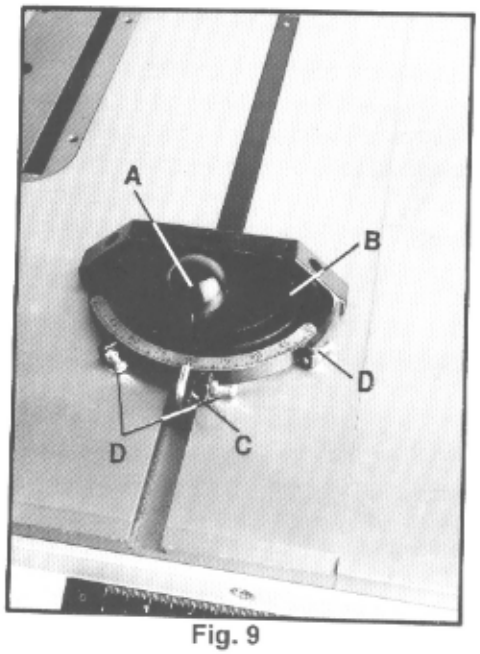


Fig. 9

Blade Raising and Tilting Mechanism

1. To raise or lower the saw blade, loosen the lock knob in the middle of the handwheel and turn the handwheel on the saw front until desired height is reached. Tighten lock knob. The blade should be adjusted 1/8" to 1/4" above the top surface of the material being cut.
2. To tilt the saw blade, loosen lock knob, turn handwheel on the left of the saw cabinet until desired angle is obtained, then tighten lock knob.

Blade Alignment

Blade alignment with the table is adjusted at the factory. After a period of use, or, after moving the saw to another location, the blade may no longer be aligned with the table. To check and align the blade:

1. **Disconnect the saw from the power source.**
2. Raise the blade guard up and out of the way of the blade.
3. Unlock fence and move away from the blade so as to expose the right T-slot.
4. Measure the distance from the back edge of the blade to the right T-slot edge.
5. Rotate blade toward the front.
6. Measure the distance from the front edge of the blade at the same location on the blade to the right T-slot edge. The two measurements should be the same.
7. If they are not the same, loosen four hex socket cap screws (A, Fig. 10) that hold the table to the base. (Two are shown in A, Fig. 10)
8. Move the table until the measurements from the front edge of the blade to the miter slot and the back edge of the blade to the miter slot are the same. It is important to use the same location on the blade.
9. Tighten the four hex socket cap screws firmly.

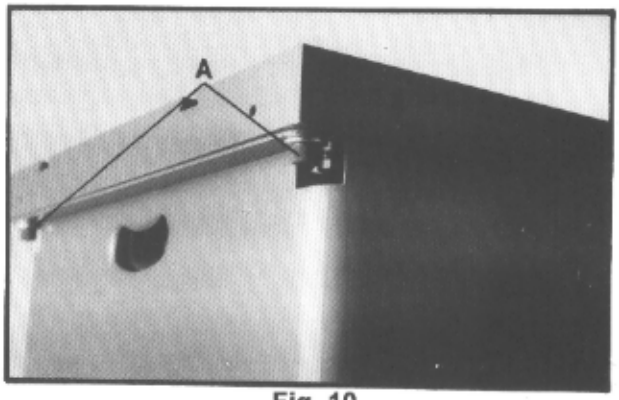


Fig. 10

Adjusting 45° and 90° Positive Stops

1. **Disconnect saw from power source.**

2. Raise the saw blade to its maximum height using the handwheel.

3. Set the blade at 90 degrees to the table by turning the blade tilting handwheel clockwise as far as it will go.

4. Place a square on the table and check to see that the blade is at a 90° angle to the table. (Fig. 11) Make sure square is not touching a blade tooth.

5. If blade is not at 90 degrees, open the motor cover door, loosen lock nut (A, Fig. 12) and turn adjusting stop screw (B, Fig. 12) on the front trunnion (C, Fig. 12) in or out. The adjusting stop screw (B, Fig. 12) should stop against the front trunnion bracket when the blade is 90° to the table.

6. Tighten the lock nut (A, Fig. 12).

7. Place a square on the table after turning the blade to the 45° stop (Fig. 13). If the 45° positive stop is not set properly, follow the same procedure using lock nut (D, Fig. 12) and screw (E, Fig. 12).

8. Check the accuracy of the pointer on the angle scale and adjust, if necessary.

Assembly and adjustment of the saw are now complete. Make sure all fasteners are tight. The saw may now be placed into operation.

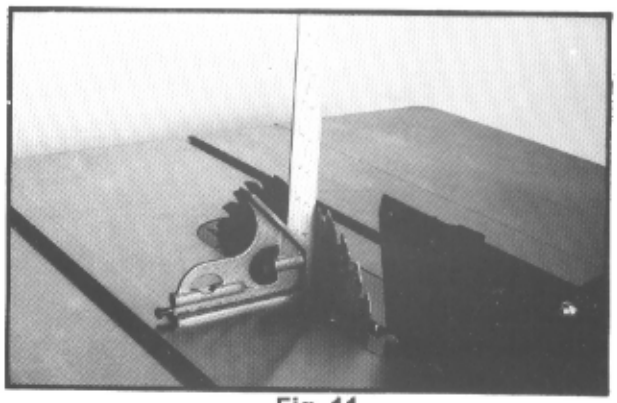


Fig. 11

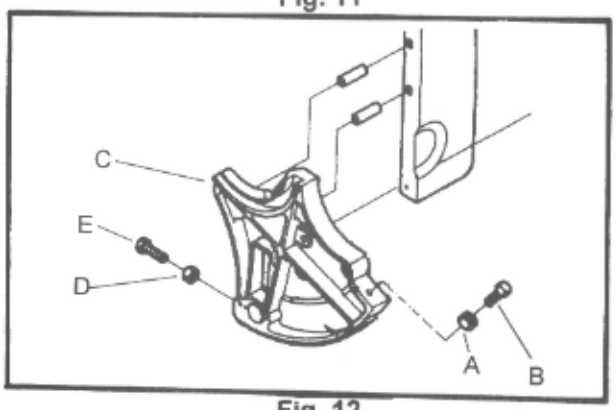


Fig. 12

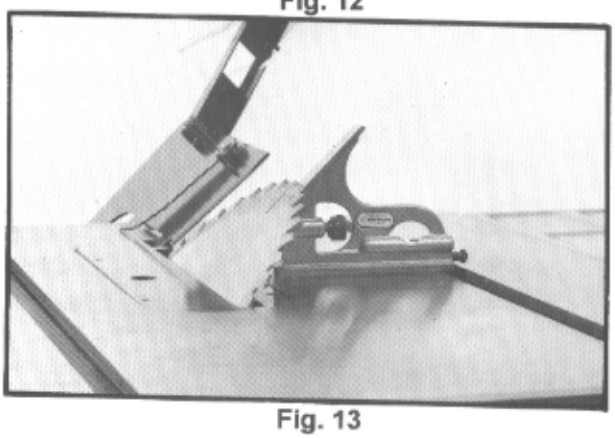


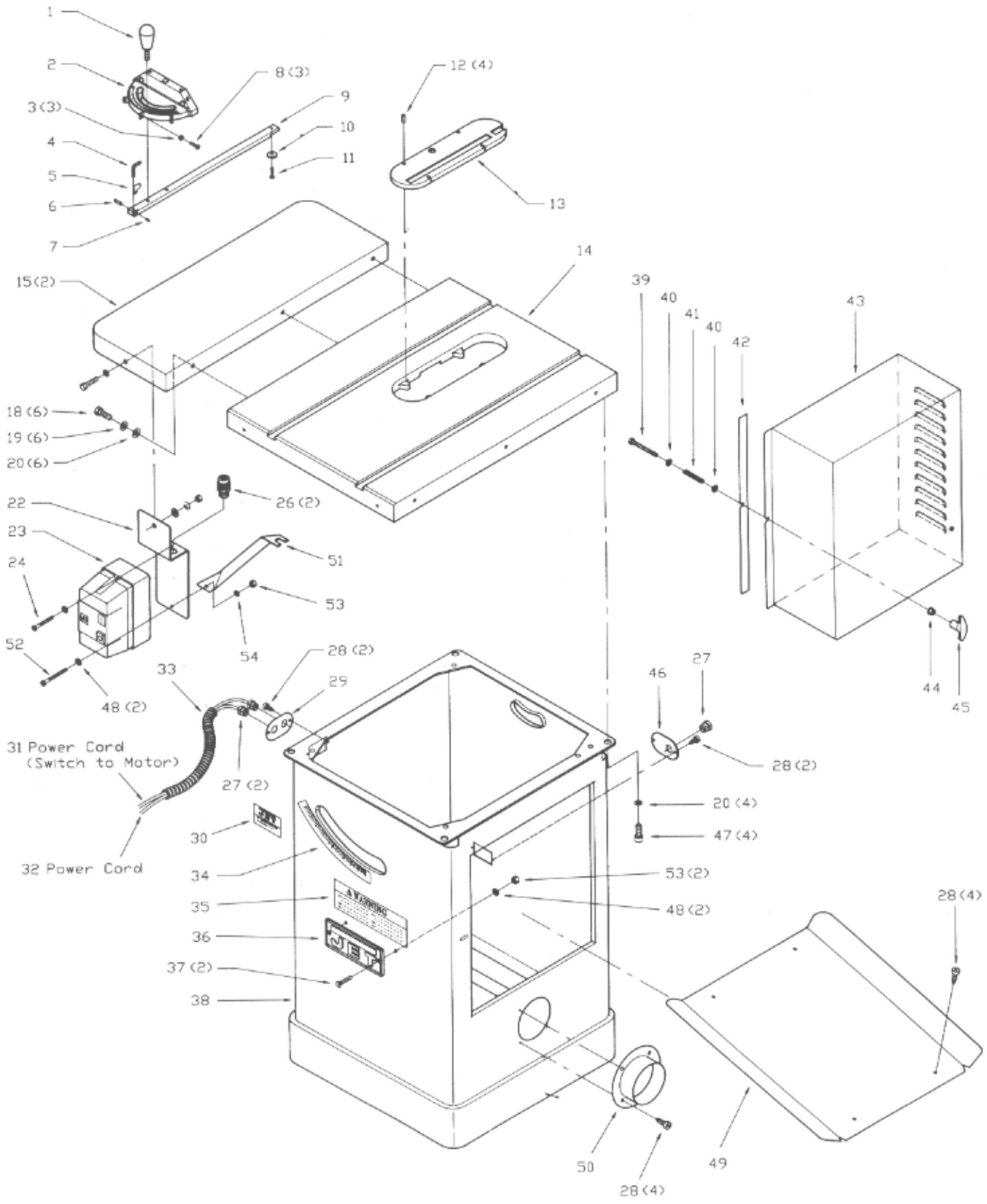
Fig. 13

Troubleshooting

Problem	Possible Causes and Solutions:
Saw will not start	* Saw not connected to the power source Connect saw to the power source * Fuse blown or circuit breaker tripped Replace fuse or reset circuit breaker * Cord damaged from the power source Replace power cord * Off button reset is tripped Depress off button to reset, then start saw
Does not make accurate 45° or 90° rip cuts	* Positive stops not adjusted correctly Check blade with square and adjust positive stops * Tilt angle pointer not set accurately Check blade with square and adjust pointer to zero
Material binds blade when ripping	* Rip fence not aligned with blade Check and adjust rip fence * Warped wood Select another piece of wood
Material binds on splitter	* Splitter not aligned correctly with blade Check and align splitter with blade
Saw makes unsatisfactory cuts	* Dull blade Sharpen or replace blade * Blade mounted backwards Turn blade around * Gum or pitch on blade Remove blade and clean with turpentine and coarse steel wool * Incorrect blade for cut being made Change blade to correct type * Gum or pitch on table causing erratic feed Clean table with turpentine
Blade does not come up to speed	* Extension cord too light or to long Replace with adequate size cord * Low shop current Contact your local electrical company * Motor not wired for correct voltage Refer to motor junction box for correct wiring
Saw vibrates excessively	* Stand on uneven floor Reposition on flat, level surface * Damaged saw blade Replace saw blade * Bad V-belt(s) Replace v-belt(s)

Saw vibrates excessively (cont'd)	* Improper motor mounting Check and adjust motor mounting * Loose hardware Tighten all nuts, bolts, and sets screws
Material kicked back from blade	* Rip fence out of alignment Align rip fence with miter gauge slot * Splitter not aligned with blade Align splitter with blade * Feeding stock without rip fence Install and use rip fence *Splitter not in place Install and use splitter (with guard) * Dull blade Replace blade * Letting go of material before it is past blade Push material all the way past blade before releasing work
Blade does not raise or tilt freely	* Sawdust and debris in raising and tilting mechanisms Brush or blow out dust and debris
Does not make accurate 45° or 90° cross cuts	* Miter gauge out of adjustment Adjust miter gauge

Table and Cabinet Assembly



Parts List For The JTAS-10/12 Tilting Arbor Table Saw

Table and Cabinet Assembly

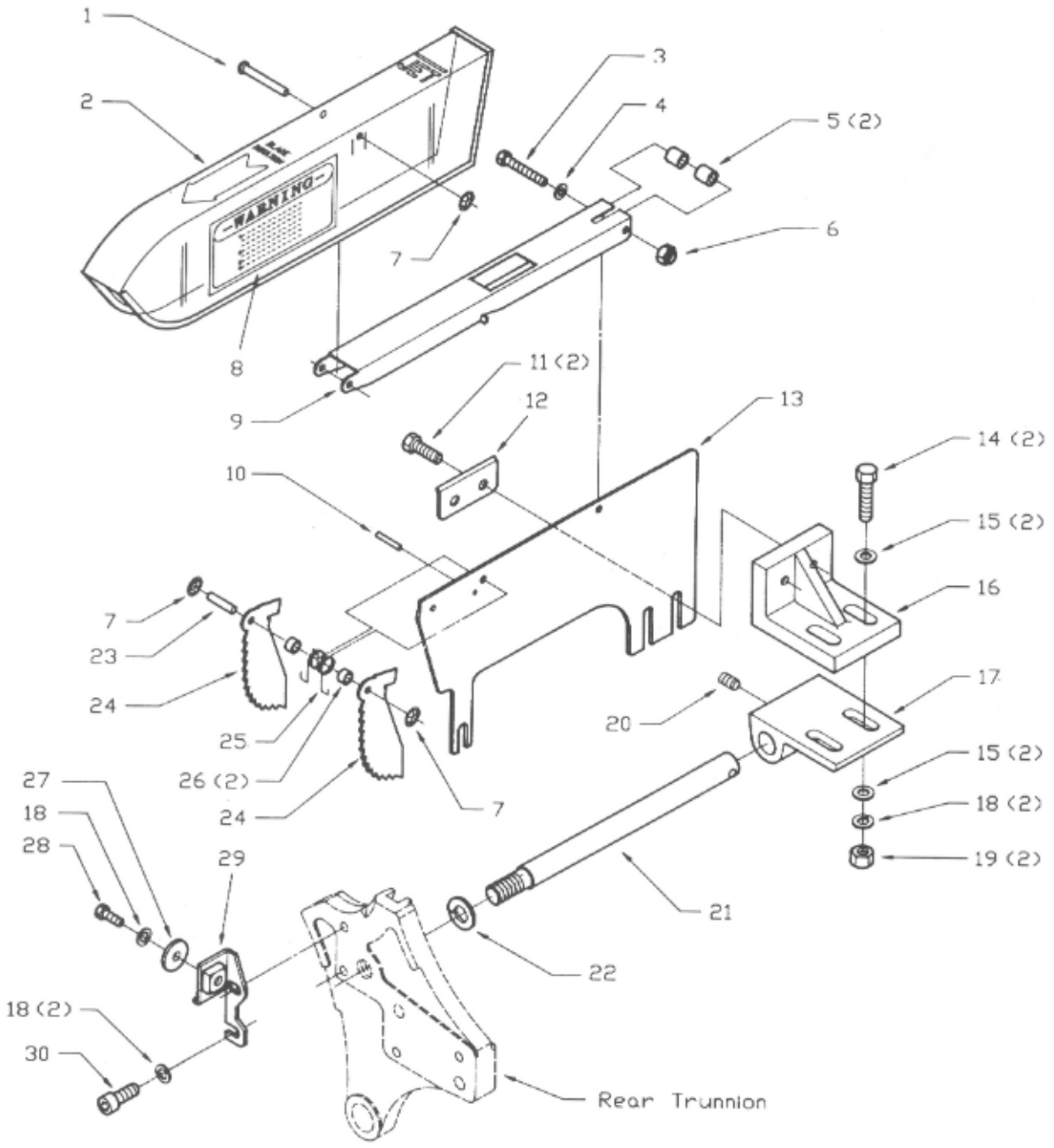
Index No.	Part No.	Description	Size	Qty.
1	JTAS10-1	Lock Knob		1
2	JTAS10-2	Miter Gauge Body		1
3	TS-1540031	Hex Nut	M5	3
4	JTAS10-4	Pointer		1
5	JTAS10-5	Stop Link		1
6	TS-1521011	Set Screw	M4x4	1
7	JTAS10-7	Special Pin	M3x6	1
8	JTAS10-8	Screw	M5x20	1
9	JTAS10-9	Guide Bar		1
10	JTAS10-10	Guide Washer		1
11	JTAS10-11	Flat Head Screw	M6x8	1
	JTAS10-MG	Miter Gauge Assembly (#1-11)		1
12	TS-0267041	Set Screw	1/4x3/8	4
13	JTAS10-13	Table Insert		1
	JTAS12-13	Table Insert		1
14	JTAS10-14 W	Table		1
	JTAS12-14 W	Table		1
15	JTAS10-15 W	Extension Wing		2
	JTAS12-15 W	Extension Wing		2
18	TS-0061051	Hex Socket Cap Screw	7/16x1-1/2	6
19	TS-0720101	Lock Washer	7/16	6
20	TS-0680051	Flat Washer	7/16	6
21	TS-0720081	Lock Washer	5/16	1
22	JTAS10-22 W	Switch Plate		1
23	JTAS10-23	Magnetic Switch	3HP,1Ph,230V	1
	JTAS10-23A	Magnetic Switch	5HP,3Ph,230V	1
	JTAS10-23B	Magnetic Switch	5HP,3Ph,460V	1
	JTAS12-23	Magnetic Switch *	5HP,1Ph,230V	1
24	JTAS10-24	Screw	3/16x3/4	1
26	JTAS10-26	Cord Connector		2
27	JTAS10-27	Cord Clamp		3
	JTAS12-27	Cord Clamp *		3
28	JTAS10-28	Tap Screw	M5x10	12
29	JTAS10-29	Cord Plate		1
	JTAS12-29	Cord Plate *		1
30	JTAS10-30	Identification Plate		1
	JTAS12-30	Identification Plate		1
31	JTAS10-31	Power Cord (switch to motor)		1
	JTAS12-31	Power Cord (switch to motor) *		1
32	JTAS10-32	Power Cord		1
	JTAS12-32	Power Cord *		1
33	JTAS10-33	Power Cord Sleeve		1
	JTAS12-33	Power Cord Sleeve *		1
34	JTAS10-34	Tilt Scale		1
35	JTAS10-35	Warning Label		1
36	JTAS10-36	JET Plaque		1

37	JTAS10-37	Flat Head Screw	3/16x3/8	2
38	JTAS10-38 W	Cabinet		1
	JTAS12-38 W	Cabinet		1
39	TS-1482101	Hex Cap Bolt	M6x50	1
40	TS-0680021	Flat Washer	1/4	2
41	JTAS10-41	Spring		1
42	JTAS10-42	Foam Strip		1
43	JTAS10-43 W	Motor Cover		1
	JTAS12-43 W	Motor Cover		1
44	TS-1540021	Hex Nut	M6	1
45	JTAS10-45	Handle		1
46	JTAS10-47	Cord Clamp Plate		1
	JTAS12-47	Cord Clamp Plate *		1
47	TS-0210011	Hex Socket Cap Screw	7/16x3/4	4
48	TS-0680011	Flat Washer	3/16	4
49	JTAS10-50 W	Lower Panel		1
	JTAS12-50 W	Lower Panel		1
50	JTAS10-51 W	Dust Hose Adapter		1
51	JTAS10-52 W	Switch Brace Kit **		1
	JTAS12-52 W	Switch Brace Kit **		1
52	JTAS10-53	Screw	3/16 x 1	1
53	JTAS10-54	Nut	3/16	3
54	JTAS10-55	Star Washer	3/16	1

* 10" Saws with 5 HP, 1Ph motor uses these parts.

** Switch Brace Kit contains bracket, screw, nut, star washer, and 8mm hex wrench.

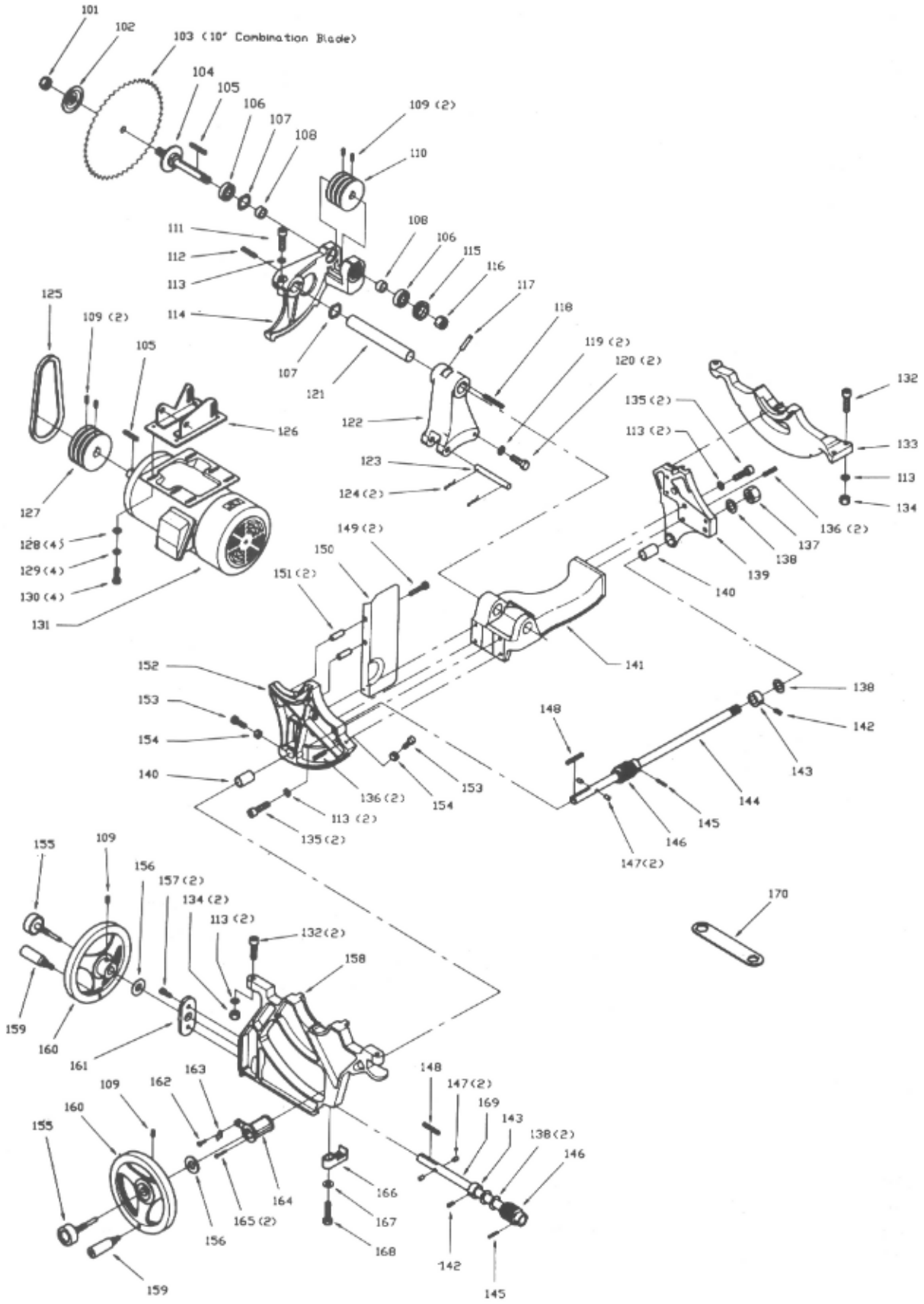
Blade Guard Assembly



Blade Guard Assembly

	JTAS10-BG	Blade Guard Assembly (# 1-10/13/23-26)		1
	JTAS12-BG	Blade Guard Assembly (# 1-10/13/23-26)		1
1	JTAS10-G1	Pin		1
2	JTAS10-G2	Guard		1
	JTAS12-G2	Guard		1
3	TS-0207091	Hex Socket Cap Screw	1/4x1-1/2	1
4	TS-0680021	Flat Washer	1/4	1
5	JTAS10-G5	Spacer		2
6	TS-0561011	Hex Nut	1/4	1
7	JTAS10-G7	Lock Grommet		3
8	JTAS10-G8	Warning Label		1
9	JTAS10-G9	Support Arm		1
	JTAS12-G9	Support Arm		1
10	JTAS10-G10	Pin		1
11	TS-0208061	Hex Cap Bolt	5/16x1	2
12	JTAS10-G12	Plate		1
13	JTAS10-G13	Splitter		1
	JTAS12-G13	Splitter		1
14	TS-0051071	Hex Cap Bolt	5/16x1-1/2	2
15	TS-0680031	Flat Washer	5/16	6
16	JTAS10-G15	Upper Blade Guard Bracket		1
17	JTAS10-G16	Lower Blade Guard Bracket		1
18	TS-0720081	Lock Washer	5/16	5
19	TS-0561021	Hex Nut	5/16	2
20	TS-0270031	Set Screw	5/16x3/8	2
21	JTAS10-G21	Shaft (serial # 507050 and below)		1
	JTAS10-G21A	Shaft (serial # 508051 and above)		1
22	TS-0720141	Lock Washer	5/8	1
23	JTAS10-G23	Pin		1
24	JTAS10-G24	Anti-Kickback Pawl		2
	JTAS12-G24	Anti-Kickback Pawl		2
25	JTAS10-G25	Spring		1
26	JTAS10-G26	Spacer		2
27	TS-0680031	Flat Washer	5/16	1
28	TS-0051021	Hex Cap Bolt	5/16x5/8	1
29	JTAS10-G29	Bracket		1
30	TS-0208021	Hex Socket Cap Screw	5/16 x 1/2	2
	TS-0561071	Hex Nut -5/8 (serial # 507050 and below - not shown))		1
	477446	12mm Combination Wrench (not shown)		1

Motor and Trunnion Assembly

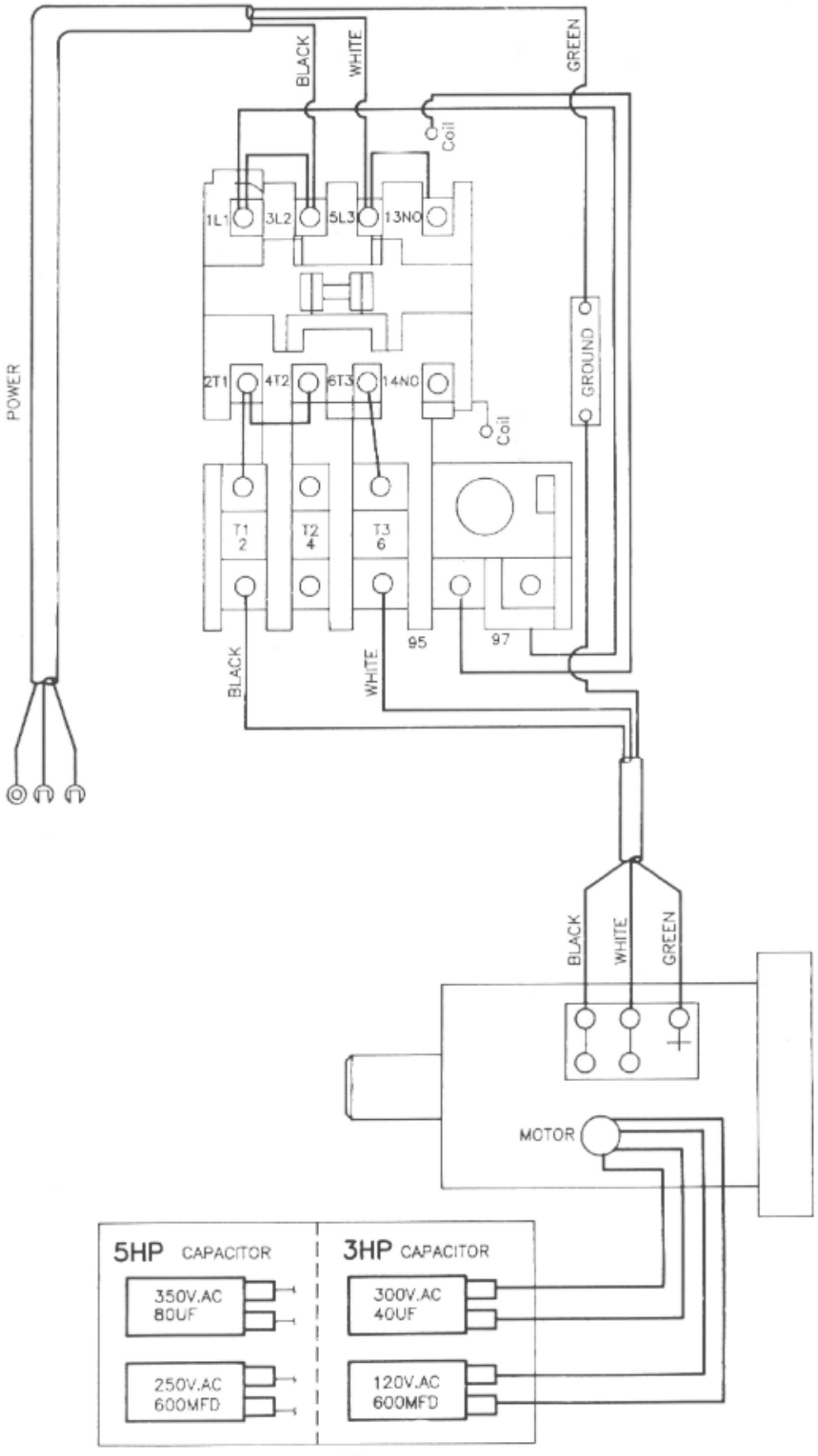


Motor and Trunnion Assembly

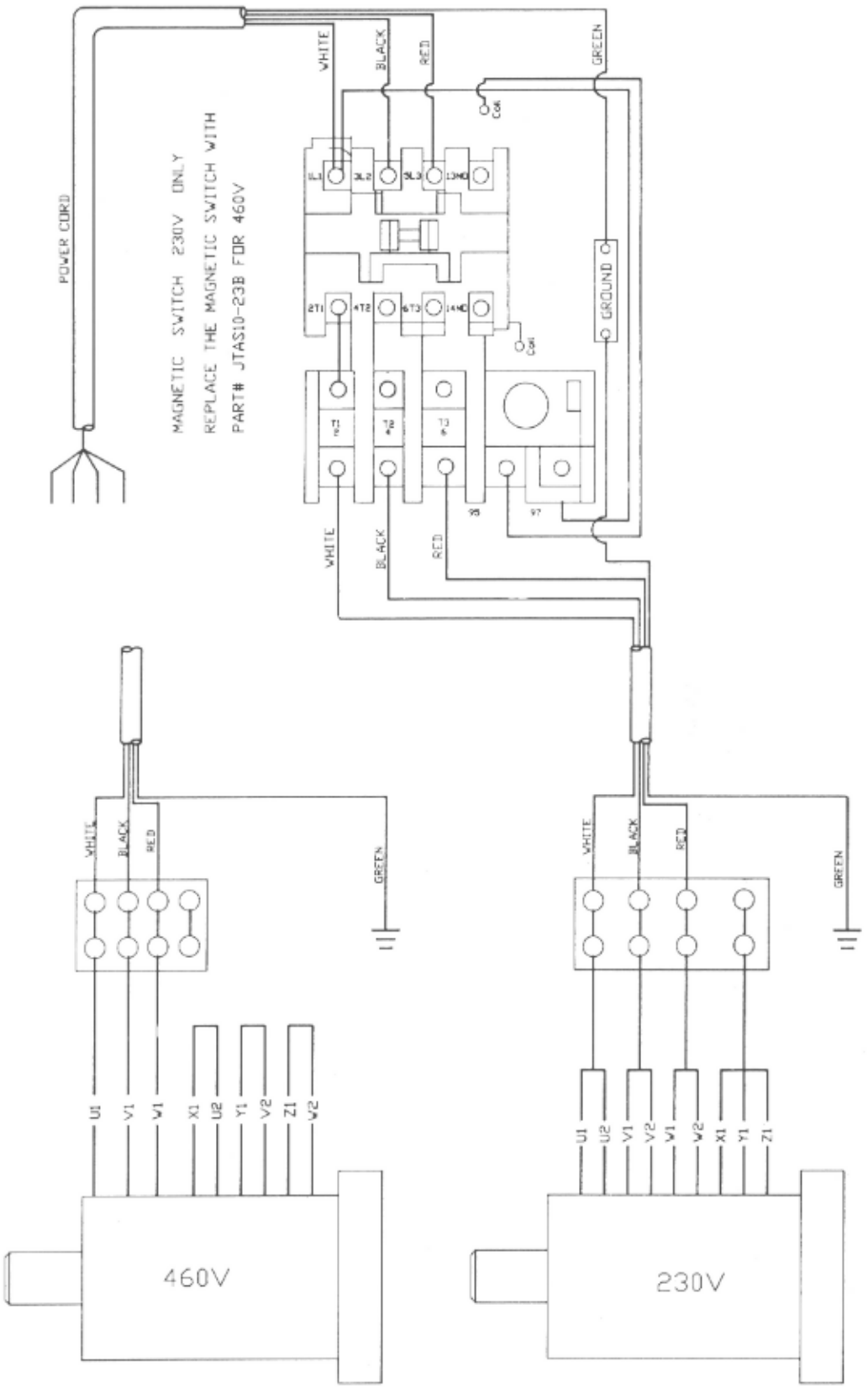
101	JTAS10-101	Arbor Nut		1
	JTAS12-101	Arbor Nut		1
102	JTAS10-102	Arbor Flange		1
	JTAS12-102	Arbor Flange		1
104	JTAS10-104	Arbor with Flange		1
	JTAS12-104	Arbor with Flange		1
105	JTAS10-105	Key	M5x1-1/2	1
	JTAS12-105	Key		1
106	BB-6203ZZ	Ball Bearing (JTAS-10 only)		2
	BB-6005ZZ	Ball Bearing (JTAS-12 only)		2
107	JTAS10-107	Bearing Load Spring		2
108	JTAS10-108	Bearing Load Spacer		2
	JTAS12-108	Bearing Load Spacer		2
109	TS-0267041	Set Screw	1/4x3/8	6
110	JTAS10-110	Arbor Pulley		1
	JTAS12-110	Arbor Pulley		1
111	TS-0209031	Hex Socket Cap Screw		1
112	JTAS10-112	Key	1/4x50	1
113	TS-0720091	Lock Washer	3/8	10
114	JTAS10-114	Arbor Bracket		1
	JTAS12-114	Arbor Bracket		1
115	JTAS10-115	Spanner Nut		1
	JTAS12-115	Spanner Nut		1
116	JTAS10-116	Arbor Nut (JTAS-10 only)	5/8	1
	TS-0561081	Hex Nut (JTAS-12 only)	3/4	1
117	JTAS10-117	Spring Pin	M6x50	1
118	JTAS10-118	Key	1/4x75	1
119	TS-0680051	Flat Washer	7/16	2
120	TS-0091031	Hex Cap Bolt	7/16x1	2
121	JTAS10-121	Shaft		1
122	JTAS10-122	Motor Bracket		1
123	JTAS10-123	Pin		1
124	JTAS10-124	Spring Clip		2
125	VB-A23	V-Belt		3
126	JTAS10-126	Motor Plate		1
127	JTAS10-127	Motor Pulley		1
128	TS-0680031	Flat Washer	5/16	4
129	TS-0720081	Lock Washer	5/16	4
130	TS-0051031	Hex Cap Bolt	5/16x3/4	4
131	JTAS10-131	Motor (3HP, 1Ph, 230V only)		1
	JTAS10-131A	Motor (5HP, 3PH, 230/460V)		1
	JTAS12-131	Motor (5HP, 1Ph, 230V only)		1
132	TS-0209071	Hex Socket Cap Screw	3/8x1-1/2	5
133	JTAS10-133	Rear Trunnion Bracket		1
134	TS-0561031	Hex Nut	3/8	5
135	TS-0209051	Hex Socket Cap Screw	3/8x1	4
136	JTAS10-136	Spring Pin	M8x25	4
137	TS-0561081	Hex Nut	3/4	1
138	JTAS10-138	Fiber Washer		4
139	JTAS10-139	Rear Trunnion		1
140	JTAS10-140	Bushing		2
141	JTAS10-141	Yoke		1

	JTAS12-141	Yoke		1
142	TS-0270011	Set Screw	5/16x1/4	4
143	JTAS10-143	Collar		2
144	JTAS10-144	Shaft		1
	JTAS12-144	Shaft		1
145	JTAS10-145	Spring Pin	M5x30	2
146	JTAS10-146	Worm Gear		2
147	JTAS10-147	Lock Pin		4
148	JTAS10-148	Key	M5x35	2
149	TS-0051071	Hex Cap Bolt (JTAS-10 only)	5/16x1-1/2	2
	JTAS12-149	Hex Cap Bolt (JTAS-12 only)		2
150	JTAS10-150	Dust Deflector		1
	JTAS12-150	Dust Deflector		1
151	JTAS10-151	Spacer (JTAS-10 only)		2
152	JTAS10-152	Front Trunnion		1
	JTAS10-TA	Trunnion Assy. (#113, 135-141)		1
153	TS-0051021	Hex Cap Bolt	5/16x5/8	2
154	TS-0561021	Hex Nut	5/16	2
155	JTAS10-155	Lock Knob		1 (12")/2 (10")
155-1	JTAS12-155	Lock Knob (JTAS-12 only)		1
156	JTAS10-156	Fiber Washer		2
157	TS-0208061	Hex Socket Cap Screw (JTAS-10 only)	5/16x1	2
	TS-0208101	Hex Socket Cap Screw (JTAS-12 only)	5/16 x 2	2
158	JTAS10-158	Front Trunnion Bracket		1
	JTAS12-158	Front Trunnion Bracket		1
159	JTAS10-159	Hand Wheel Handle		2
160	JTAS10-160	Handle		2
161	JTAS10-161	Shield Plate		1
161-1	JTAS12-161	Adapter (JTAS-12 only)		1
162	JTAS10-162	Round Head Screw	1/4x3/8	1
163	JTAS10-163	Pointer	3/8	1
164	JTAS10-164	Pointer Bracket		1
165	JTAS10-165	Round Head Screw	3/16x2	2
166	JTAS10-166	Guide Block		1
167	TS-0680041	Flat Washer	3/8	1
168	TS-0060071	Hex Cap Bolt	3/8x1-1/2	1
169	JTAS10-169	Tilt Shaft		1
	JTAS12-169	Tilt Shaft		1
170	JTAS10-170	Wrench		1
	JTAS12-170	Wrench		1

Electrical Schematic - Single Phase- 230V



Electrical Schematic - Three Phase



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