



Operating Instructions and Parts Manual 17" Drill Press

Model JDP-17MF



WMH TOOL GROUP

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This manual has been prepared for the owner and operators of a JDP-17MF Drill Press. Its purpose, aside from machine operation, is to promote safety through the use of accepted correct operating and maintenance procedures. Completely read the safety and maintenance instructions before operating or servicing the machine. To obtain maximum life and efficiency from your JET Drill Press, and to aid in using the machine safely, read this manual thoroughly and follow instructions carefully.

Warranty and Service

WMH Tool Group warrants every product it sells. If one of our tools needs service or repair, one of our Authorized Service Center located throughout the United States can provide quick service or information.

In most cases, a WMH Tool Group Service Center can assist in authorizing repair work, obtaining parts, or perform routine or major maintenance repair on your JET product.

For the name of an Authorized Service Center in your area, please call 1-800-274-6848, or visit our web site at www.wmhtoolgroup.com

More Information

Remember, WMH Tool Group is consistently adding new products to the line. For complete, up-to-date product information, check with your local WMH Tool Group distributor, or visit our web site at www.wmhtoolgroup.com

WMH Tool Group Warranty

WMH Tool Group 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: 1 YEAR LIMITED WARRANTY ON ALL PRODUCTS UNLESS SPECIFIED OTHERWISE. This Warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence or accidents, normal wear-and-tear, repair or alterations outside our facilities, or to a lack of maintenance.

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To take advantage of this warranty, the product or part must be returned for examination, postage prepaid, to an Authorized Service Center designated by our office. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection discloses a defect, we will either repair or replace the product at our discretion, or refund the purchase price if we cannot readily and quickly provide a repair or replacement. We will return the repaired product or replacement at WMH Tool Group's expense, but if it is determined there is no defect, or that the defect resulted from causes not within the scope of WMH Tool Group's warranty, then the user must bear the cost of storing and returning the product. This warranty gives you specific legal rights; you may also have other rights, which vary from state to state.

WMH Tool Group sells through distributors only. Members of the WMH Tool Group reserve the right to effect at any time, without prior notice, alterations to parts, fittings and accessory equipment, which they may deem necessary for any reason whatsoever.

, WARNING

Wear eye protection.

Always keep guards in place and in proper operating condition. Do not operate the machine without the guards for any reason.

Support workpiece adequately at all times during operation; maintain control of work at all times.

This drill press 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 drill press, do not use until proper training and knowledge has been obtained.

- **REMOVE ADJUSTING KEYS AND WRENCHES.** Form a habit of checking to see that keys and adjusting wrenches are removed from the machine before turning it on.
- **KEEP THE WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
- **DON'T USE IN A DANGEROUS ENVIRONMENT.** Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted.
- **KEEP CHILDREN AWAY.** All visitors should be kept a safe distance from the work area.
- **MAKE THE WORKSHOP KIDPROOF** with padlocks, master swatches, or by removing starter keys.
- **DON'T FORCE THE MACHINE.** It will do the job better and safer at the rate for which it was designed.
- **USE THE RIGHT TOOL.** Don't force a machine or attachment to do a job for which it was not designed.
- **USE THE PROPER EXTENSION CORD.** Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your machine will draw. An undersized cord will cause a drop in the line voltage resulting in power loss and overheating. The table following shows the correct size to use depending on the cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. Remember, the smaller the gauge number, the heavier the cord.

| Total Length of Cord in Feet | |
|------------------------------|-------|
| 0-25 | 25-50 |
| AWG | |
| 16 | 14 |

- **WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Nonslip footwear is recommended. Wear protective hair covering to contain long hair.
- **ALWAYS USE SAFETY GLASSES.** Also use face or dust masks if the cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses; they are not safety glasses.
- **DON'T OVERREACH.** Keep proper footing and balance at all times.
- **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
- **ALWAYS DISCONNECT THE MACHINE FROM THE POWER SOURCE BEFORE SERVICING.**
- **REDUCE THE RISK OF UNINTENTIONAL STARTING.** Make sure the switch is in the off position before plugging in.

- **USE RECOMMENDED ACCESSORIES.** The use of accessories and attachments not recommended by JET may cause hazards or risk of injury to persons.
- **NEVER STAND ON A MACHINE.** Serious injury could occur if the machine is tipped.
- **CHECK DAMAGED PARTS.** Before further use of the machine, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function - check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
- **NEVER LEAVE THE MACHINE RUNNING UNATTENDED. TURN POWER OFF.** Don't leave the machine until it comes to a complete stop.
- **SOME DUST CREATED** by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to cause cancer, birth defects or 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
- **DO NOT** operate tool while under the influence of drugs, alcohol or any medication.
- **DO NOT** drill pieces of material that are too small to be safely supported.
- **WHEN** drilling a large workpiece, provide additional support at table height.
- **ADDITIONAL INFORMATION** regarding the safe and proper operation of this product is available from the National Safety Council, 1121 Spring Lake Drive, Itasca, IL 60143-3201, in the Accident Prevention Manual for Industrial Operations and also in the safety Data Sheets provided by the NSC. Please also refer to the American National Standards Institute ANSI 01.1 Safety Requirements for Woodworking Machinery and the U.S. Department of Labor OSHA 1910.213 Regulations.
- **SAVE THESE INSTRUCTIONS** refer to them often and use them to instruct others.

230 Volt Operation

If 230V, single phase operation is desired, the following instructions must be followed:

1. **Disconnect the machine from the power source.**
2. This JET drill press is supplied with four motor leads that are connected for 115V operation, as shown in Figure A. Reconnect these four motor leads for 230V operation, as shown in Figure B.
3. The 115V attachment plug (A), supplied with the drill press, must be replaced with a UL/CSA listed plug suitable for 230V operation (D). Contact your local Authorized JET Service Center or qualified electrician for proper procedures to install the plug. The drill press must comply with all local and national codes after the 230 volt plug is installed.
4. The drill press with a 230 volt plug should only be connected to an outlet having the same configuration (D). No adapter is available or should be used with the 230 volt plug.

Important: In all cases (115 or 230 volts), make certain the receptacle in question is properly grounded. If you are not sure, have a registered electrician check the receptacle.

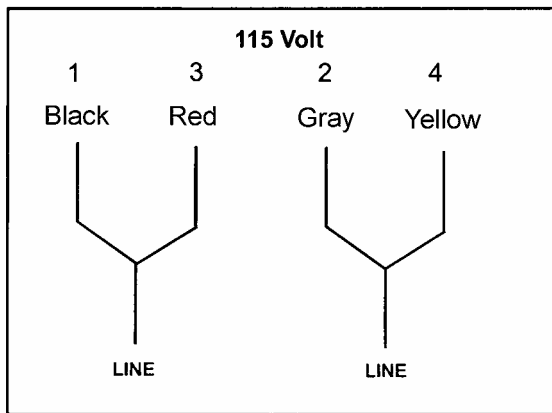


FIGURE A

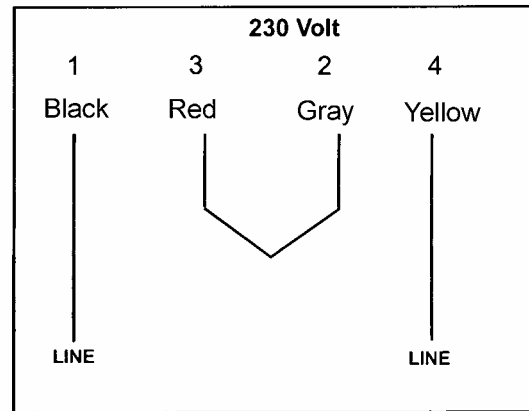
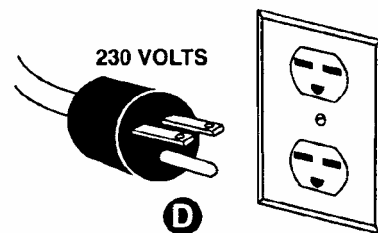
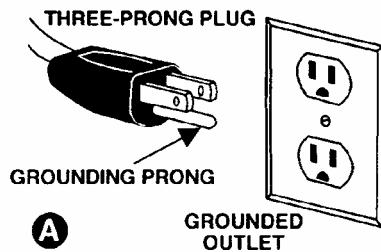


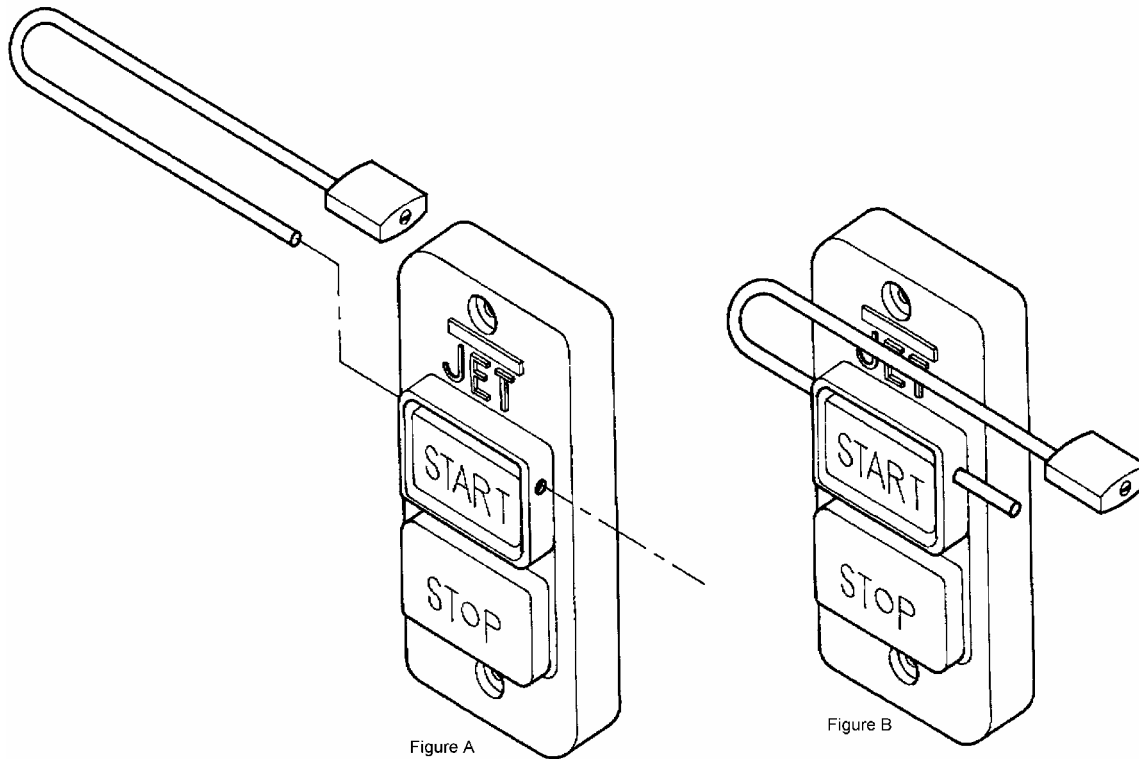
FIGURE B



NOTE: If 230V is needed, a 230V light bulb must be used in the lamp. Or, the lamp circuit may be re-wired in accordance with the diagram on page 21 and a 115V bulb may continue to be used.

On-Off Switch Padlock
Model No. BP-1, Stock No. 709736

To safeguard your machine from unauthorized operation and to avoid accidental starting by young children, the use of a padlock is highly recommended. JET model BP-1 is available from your local authorized JET distributor or by calling WMH Tool Group at 800-274-6848.



To lock out an on-off switch:

1. Open the padlock. See Fig. A.
2. Insert through holes in the start button. See Fig. B
3. Close the padlock.
4. Place the key in a safe place.

Specifications:

JDP-17MF

| | |
|---------------------------------------|-------------------------|
| Stock Number | 354169 |
| Swing..... | 16-1/2" |
| Type | Floor |
| Drilling Capacity | 5/8" |
| Chuck Size | 5/8" |
| Spindle Travel | 4-3/8" |
| Spindle Distance to Base | 49" |
| Spindle Distance to Table (max.)..... | 29-1/8" |
| Table Size Diameter..... | 13-3/4" |
| Table Tilt..... | + or - 45° |
| Spindle Taper..... | MT-2 |
| Column Diameter | 3-1/8" |
| Number of Spindle Speeds | 16 |
| Range of Spindle Speeds | 200-3,630 RPM |
| Overall Height | 66" |
| Base Size | 12-1/2" x 19-5/8" |
| Motor | 3/4HP, 1 Ph |
| | 115/230V, prewired 115V |
| Net Weight (approx.)..... | 189 lb. |
| Shipping Weight (approx.) | 200 lb. |

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The specifications in this manual are given as general information and are not binding. WMH TOOL GROUP 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.

Contents of the Shipping Container

1. Head Assembly
1. Table
1. Column and Bracket Assembly
1. Base
1. Owner's Manual
1. Warranty Registration Card
1. Chuck and Chuck Key
3. Downfeed Handle
1. Table Bracket Lock Handle
1. Table Bracket Raising Handle
4. M10 x 40 Hex Cap Bolts
1. Arbor
1. Drift Key

Tools Supplied for Assembly

1. 3mm Hex Wrench
1. 5mm Hex Wrench

Tools Required for Assembly

1. 17mm Box Wrench or a 6"-8" Adjustable Wrench



WARNING!
Read and understand all assembly instructions before attempting assembly!
Failure to comply may cause serious injury!

Before Assembly

1. Remove the contents from the shipping container.
2. Compare the contents of the shipping container with the list found above. Report any shortages or damage to your JET distributor.
3. Clean all rust protected surfaces with kerosene or a light solvent. Do not use lacquer thinner, paint thinner, or gasoline. These will damage plastic components and painted surfaces.



Assembly

1. Place the base (A, Fig. 1) on a level floor.
2. With a 17mm wrench attach the column assembly (B, Fig. 1) to the base (A, Fig. 1) with four M10 x 40 hex cap bolts (C, Fig. 1). Tighten firmly.

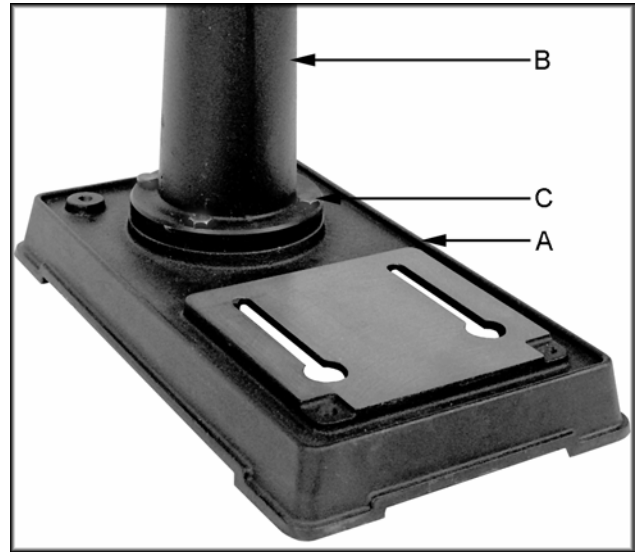


Fig. 1

3. Thread lock handle (D, Fig. 2) into the table bracket (E, Fig. 2).

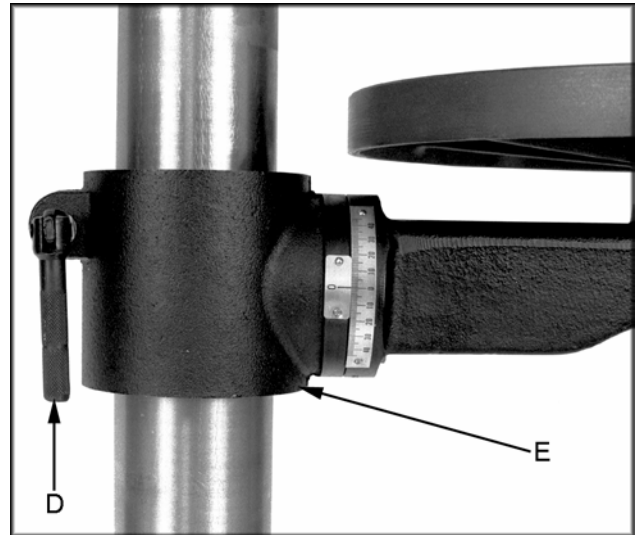


Fig. 2

4. Loosen the set screw (F, Fig. 3) on the raising handle (G, Fig. 3) with a 3mm hex wrench.

5. Slide the handle onto the table bracket shaft.

6. Turn the handle until the set screw is opposite the flat section on the shaft, and tighten the set screw to secure the handle.

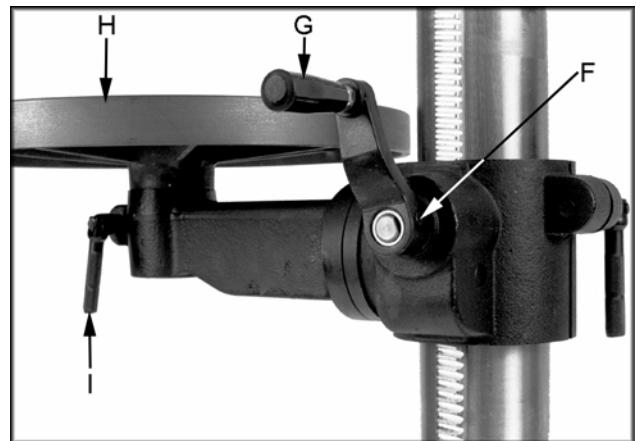


Fig. 3

7. Insert the table (H, Fig. 3) into the table bracket.

8. Tighten the table lock handle (I, Fig. 3).

9. With the aid of a second person, carefully lift the head onto the column top. **Caution: The head assembly is heavy! Use care when lifting onto the column!**
10. Rotate head assembly until sides of the belt cover are parallel with the sides of the base.
11. Tighten two set screws (A, Fig. 4) with a 5mm wrench until they are snug.
12. Install three down feed handles (B, Fig. 4) into the down feed hub (C, Fig. 4).
13. Raise table to approximately seven inches below spindle assembly, and lock the table in place.
14. Place a piece of scrap wood on the table.
15. Thoroughly clean spindle, arbor, and chuck. **Important:** These three pieces must be free of any rust protection, or lubricant. If they are not clean, the arbor and chuck will fail to seat in the spindle.
16. Place arbor into the chuck.
17. Twist the chuck to retract the chuck jaws if they are exposed.
18. Place arbor and chuck assembly into the spindle.
19. Turn the arbor and chuck assembly until the tang on the arbor engages the slot at the end of the spindle.
20. Lower the down feed handle so that the chuck meets the scrap wood. Pressure on the down feed handle once the chuck meets the scrap wood seats the arbor and chuck into the spindle, See Figure. 5.

Removing the Chuck and Arbor

1. **Unplug machine from the power source.**
2. Raise the table until it is about seven inches



Fig. 4

below the chuck.

3. Place a piece of scrap wood on the table, and lower quill using the down feed handle.
4. Rotate spindle to align the key hole in the spindle with the key hole in the quill.
5. Insert the drift key (D, Fig. 6) into the aligned slots and tap lightly. The chuck and arbor assembly should fall from the spindle.



Fig. 5

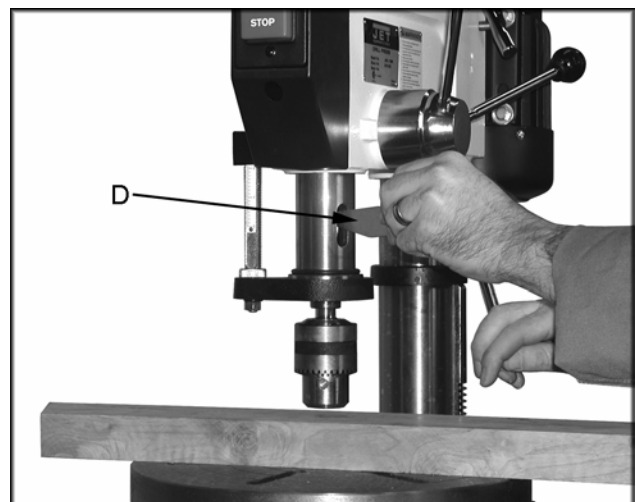


Fig. 6

Adjusting the Depth Stop

To drill multiple holes at the same preset depth, use the depth stop:

1. Use a pencil to mark the depth the bit will drill into the workpiece (A, Fig. 7).
2. With the drill bit in the chuck, lower down feed handle to advance bit to your mark, see Figure 7.
3. With your other hand, advance the lock nuts (B, Fig. 7) on the depth stop rod until they are snug to the seat (C, Fig. 7).
4. The drill bit will now advance to this point.
5. To release, advance the nuts counter-clockwise to the top of the depth stop.

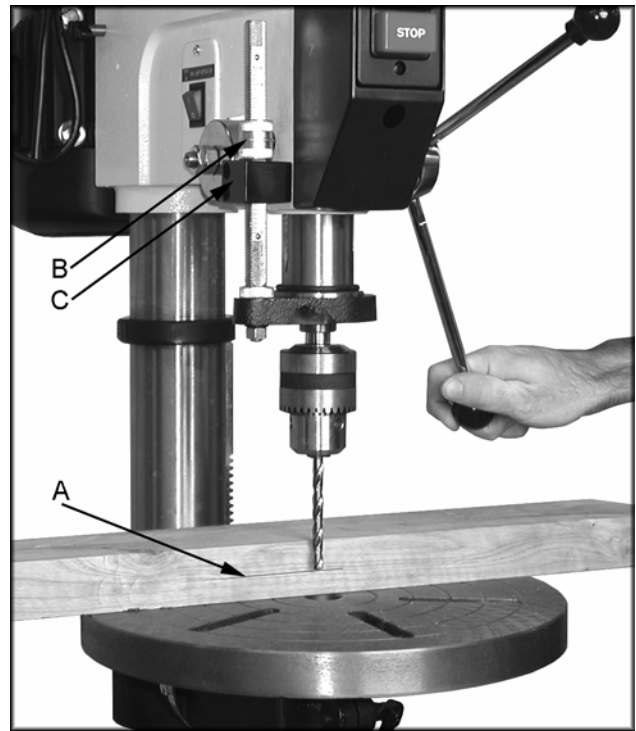


Fig. 7

Changing Spindle Speeds

A spindle speed and belt arrangement chart are found on the inside of the belt cover (D, Fig. 8). Refer to this chart whenever changing speeds.

To change spindle speeds:

1. **Unplug the machine from the power source.**
2. Loosen two bar knobs (E, Fig. 8) found on each side of the head assembly.
3. Rotate the tension adjuster (F, Fig. 8) to bring the motor base as close to the head as possible.
4. Change the belts location according the speed chart and the speed you desire.
5. Rotate the tension adjuster (F, Fig. 8) to tension the belts.
6. Tighten two bar knobs (E, Fig. 8). Belts are properly tensioned when finger and thumb pressure midway between the two pulleys causes approximately $\frac{1}{2}$ " deflection.

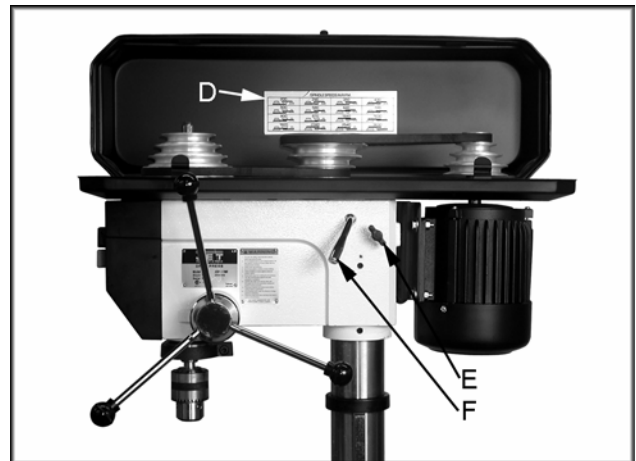



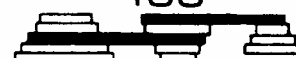














Fig. 8

SPINDLE SPEEDS IN R.P.M.

| | | | |
|---|---|---|---|
|  <p>200</p> |  <p>290</p> |  <p>350</p> |  <p>430</p> |
|  <p>500</p> |  <p>580</p> |  <p>640</p> |  <p>720</p> |
|  <p>800</p> |  <p>870</p> |  <p>1440</p> |  <p>1630</p> |
|  <p>1820</p> |  <p>2380</p> |  <p>2540</p> |  <p>3630</p> |

Speed & Pulley Chart

Return Spring Adjustment

The return spring is adjusted at the factory and should not need further adjustment. If adjustment is deemed necessary:

1. **Unplug the machine from the power source.**
2. Loosen two jam nuts (A, Fig. 9). **Do not remove.**
3. Firmly hold the coil spring cover (B, Fig. 9).
4. Pull out the cover and rotate until the pin (C, Fig. 9) on the return spring plate engages the next notch in the coil spring cover. Turn the cover clockwise to decrease tension and counter-clockwise to increase tension.
5. Tighten two jam nuts (A, Fig. 9). Do not over-tighten. Nuts should not contact the housing when tight. The jam nuts should be tightened against each other.



Fig. 9

Work Light

Install a light bulb, no larger than 60 watts into the socket accessed from beneath the head. The light bulb is controlled by the rocker switch (D, Fig. 9).

Table Tilt Adjustment

CAUTION!

Remove the alignment pin first and then loosen the hex cap bolt. Failure to comply may cause the table assembly to separate from the column and fall.

To tilt the table:

1. Turn nut (E, Fig. 10) clockwise to pull out the alignment pin (F, Fig. 10).
2. Loosen hex cap bolt (G, Fig. 10), and tilt the table to the desired angle.
3. Tighten the hex cap bolt (G, Fig. 10).
4. The alignment pin only works at 90° and must be reinserted when the table is returned to 90°.

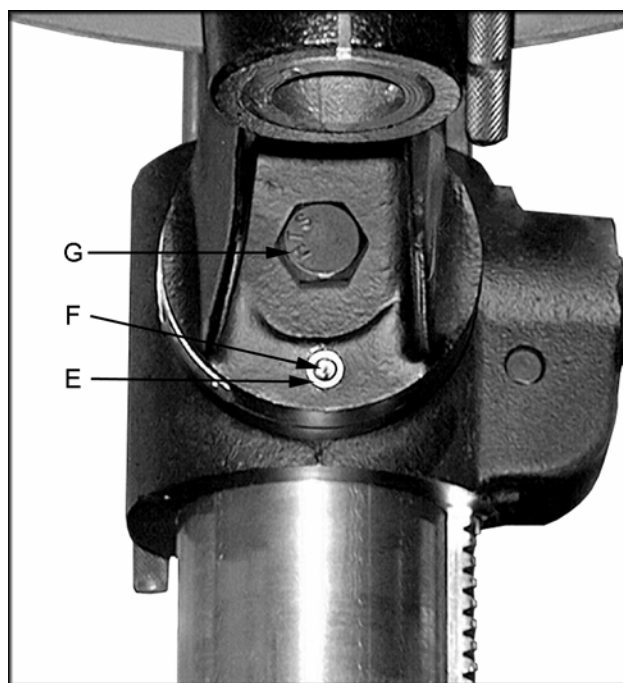


Fig. 10

Basic Operation

- Always use a back-up piece of scrap wood to cover the table. This protects both the table and the drill bit.
- Place material to be drilled in such a way as to come into contact with the left side of the column. This prevents the material from spinning.

, WARNING!
If the work piece is not large enough to come into contact with the column, use a clamp or drill press vise that is securely fastened to the table!
Failure to comply may cause serious injury!

- Feed the bit into the material with only enough force to allow the drill bit to work. Feeding too slowly may cause burning of the workpiece. Feeding too quickly may cause the motor to stop and/or the drill bit to break.
- Generally speaking, the smaller the drill bit, the greater the RPM required. Wood requires higher speeds than metal. Metal is usually drilled at slower speeds.
- In dusty environments, frequently blow out any dust that accumulates inside the motor.

Lubrication

Periodically lubricate the gear and the rack, the table elevation mechanism, the splines (grooves) in the spindle, and the teeth of the quill with a #2 tube grease.



Troubleshooting

| Trouble | Probable Cause | Remedy |
|---|---|--|
| Drill press will not start. | <ol style="list-style-type: none"> 1. Drill press unplugged from wall, or motor. 2. Fuse blown, or circuit breaker tripped. 3. Cord damaged. 4. Starting capacitor bad. | <ol style="list-style-type: none"> 1. Check all plug connections. 2. Replace fuse, or reset circuit breaker. 3. Replace cord. 4. Replace starting capacitor. |
| Drill press does not come up to speed. | <ol style="list-style-type: none"> 1. Extension cord too light or too long. 2. Low current. | <ol style="list-style-type: none"> 1. Replace with adequate size and length cord. 2. Contact a qualified electrician. |
| Drill Press vibrates excessively. | <ol style="list-style-type: none"> 1. Stand on uneven surface. 2. Bad belt(s). | <ol style="list-style-type: none"> 1. Adjust stand so that it rests evenly on the floor. 2. Replace belts. |
| Noisy Operation. | <ol style="list-style-type: none"> 1. Incorrect belt tension. 2. Dry spindle. 3. Loose spindle pulley. 4. Loose motor pulley. | <ol style="list-style-type: none"> 1. Adjust belt tension. See "Changing Spindle Speeds", page 12. 2. Lubricate spindle. See "Lubrication" page 15. 3. Check tightness of retaining nut on pulley, and tighten if necessary. 4. Tighten set screws in pulleys. |
| Workpiece Burns. | <ol style="list-style-type: none"> 1. Incorrect Speed. 2. Chips not clearing from hole or bit. 3. Dull drill bit. 4. Feeding too slow. | <ol style="list-style-type: none"> 1. Change to appropriate speed, see speed and pulley chart, page 13. 2. Retract drill bit frequently to remove chips. 3. Resharpen, or replace drill bit. 4. Increase feed rate. |
| Drill bit wanders. | <ol style="list-style-type: none"> 1. Bit sharpened incorrectly. 2. Bent drill bit. 3. Bit, or chuck not installed properly. | <ol style="list-style-type: none"> 1. Resharpen bit correctly. 2. Replace drill bit. 3. Reinstall the chuck, or bit properly. |
| Wood splinters on the underside. | <ol style="list-style-type: none"> 1. No backing board used. | <ol style="list-style-type: none"> 1. Place a scrap board underneath the workpiece to prevent splintering. |
| Drill bit binds in workpiece. | <ol style="list-style-type: none"> 1. Workpiece pinching the bit. 2. Excessive feed rate. 3. Chuck jaws not tight. 4. Improper belt tension. | <ol style="list-style-type: none"> 1. Support or clamp workpiece. 2. Decrease feed rate. 3. Tighten chuck jaws. 4. Increase belt tension, see page 12. |
| Excessive drill bit runout, or wobble. | <ol style="list-style-type: none"> 1. Bent drill bit. 2. Worn spindle bearings. 3. Bit, or chuck not properly installed. | <ol style="list-style-type: none"> 1. Replace drill bit. 2. Replace spindle bearings. 3. Reinstall the bit, or chuck properly. |
| Quill returns too slow, or too fast. | <ol style="list-style-type: none"> 1. Spring has improper tension. | <ol style="list-style-type: none"> 1. Adjust "Return Spring Tension," page 14. |
| Chuck, or arbor do not stay in place. | <ol style="list-style-type: none"> 1. Dirt, grease, etc on arbor, chuck, or spindle. | <ol style="list-style-type: none"> 1. Clean all mating surfaces thoroughly with a cleaner degreaser. |

Parts List for JET JDP-17MF Drill Press

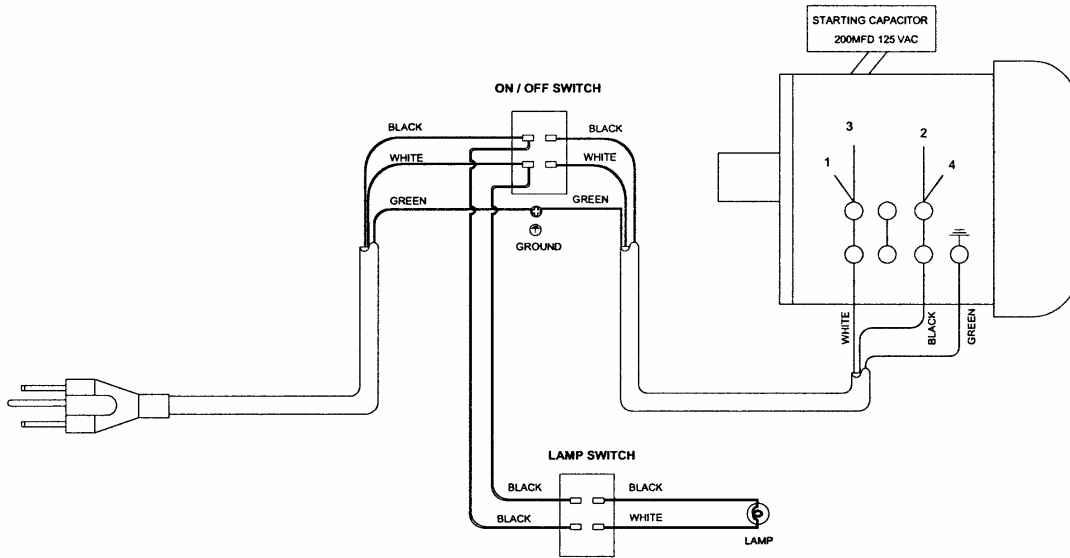
| Index No. | Part No. | Description | Size | Qty. |
|-----------|------------|-----------------------------|-------------|------|
| 1 | 10600111 | Base | | 1 |
| 2A | 12909001A1 | Column and Holder Assy | | 1 |
| 3 | TS-1525021 | Set Screw | M10x12 | 1 |
| 5 | TS-1491061 | Hex Cap Bolt | M10x40 | 4 |
| 6 | 10700605A1 | Bracket | | 1 |
| 7 | 10600702 | Pinion Gear | | 1 |
| 8 | 10600802 | Gear Shaft | | 1 |
| 9 | 10600902 | Worm Pinion | | 1 |
| 10 | 10601002 | Crank Handle | | 1 |
| 11 | TS-1523031 | Set Screw | M6x10 | 1 |
| 12 | 10901203A1 | Table Bracket Assy | | 1 |
| 13 | TS-0071011 | Hex Cap Bolt | 5/8"x1-1/2" | 1 |
| 14 | 10901402 | Locator Pin | | 1 |
| 15 | TS-0561011 | Hex Nut | 1/4" | 1 |
| 16 | 10601601 | Angle Scale | | 1 |
| 17 | 10801701 | Centering Scale | | 1 |
| 18 | 2658MZDU36 | Drive Screw | | 4 |
| 19 | 10601901 | Column Lock Handle | | 1 |
| 20 | 10602001 | Table Lock Handle | | 1 |
| 21 | 10702112 | Table | | 1 |
| 22 | 10602205 | Rack | | 1 |
| 23 | 10702307A1 | Rack Ring | | 1 |
| 24 | TS-1523031 | Set Screw | M6x10 | 1 |
| 25 | 10902515A1 | Head | | 1 |
| 26 | TS-1525021 | Set Screw | M10x12 | 2 |
| 27 | 10602702 | Lamp Socket | | 1 |
| 28 | TS-1534042 | Pan Head Screw | M6x12 | 2 |
| 29 | 10902091 | Handle Shifter | | 1 |
| 30 | 10603002A1 | Cam | | 1 |
| 31 | TS-1490021 | Hex Cap Bolt | M8x16 | 1 |
| 32 | 10703211 | Slide Bar (right) | | 1 |
| 33 | 10903302 | Slide Bar Bolt | | 2 |
| 34 | 10703414 | Motor Base | 75x125 | 1 |
| 35 | TS-0720111 | Lock Washer | 1/2" | 2 |
| 36 | TS-1540071 | Hex Nut | M12 | 2 |
| 37 | | Handle Body (re:17373839) | | 1 |
| 38 | 17373839 | Feed Shaft Assy (#37,38,39) | | 1 |
| 39 | | Spring Pin (re: 17373839) | | 1 |
| 43A | 10604303A1 | Handle Bar Assy | | 3 |
| 45 | 10604505 | Scale Ring | | 1 |
| 46 | 10904616 | Scale | | 1 |
| 48 | 2658MZDU36 | Drive Screw | | 2 |
| 49A | 10604902A2 | Coil Spring and Cover | | 1 |
| 51 | 10905116 | Spring Seat | | 1 |
| 52 | 10905203 | Plate | | 1 |
| 53 | TS-0561052 | Hex Nut | 1/2"-20UNF | 1 |
| 54 | 10605403 | Quill Set Screw | | 1 |
| 55 | TS-1540071 | Hex Nut | M10 | 1 |
| 56 | 10905612 | Quill | | 1 |
| 57 | 10705703 | Rubber Washer | | 1 |
| 58 | 10905829 | Spindle | | 1 |
| 59 | BB-6205ZZ | Ball Bearing | | 1 |

| Index No. | Part No. | Description | Size | Qty. |
|-----------|------------|--------------------------------|------------|------|
| 61 | BB-6203Z | Ball Bearing | | 1 |
| 62 | 10606201 | Washer | | 1 |
| 63 | 10606301 | Lock Nut | | 1 |
| 64 | 10606401 | Spindle Nut | | 1 |
| 65 | 10706508A1 | Driving Sleeve | | 1 |
| 66 | BB-6205Z | Ball Bearing | | 2 |
| 67 | 10706705 | Collar | | 1 |
| 68 | 10706802 | Retaining Ring | | 2 |
| 69 | 10606904 | Pulley Set Nut | | 1 |
| 70 | 10607018 | Spindle Pulley | | 1 |
| 71 | 561766 | Arbor | MT2xJT3 | 1 |
| 72A | 561708 | Chuck | | 1 |
| 73 | 10607303 | Wedge | | 1 |
| 74 | 8907522151 | Motor | | 1 |
| | 82061041 | Motor Fan (not shown) | | 1 |
| | 89075161 | Motor Fan Cover (not shown) | | 1 |
| | 299155BA04 | Centrifugal Switch (not shown) | | 1 |
| | 2992A55A14 | Capacitor (not shown) | | 1 |
| 75 | 2808B530C3 | Motor Cable | | 1 |
| 76 | TS-1490041 | Hex Cap Bolt | M8x25 | 4 |
| 77 | TS-1550061 | Flat Washer | M8 | 8 |
| 78 | TS-1540061 | Hex Nut | M8 | 4 |
| 79 | 10607970A1 | Motor Pulley | | 1 |
| 80 | 2571MNC109 | Parallel Key | | 1 |
| 81 | TS-1524031 | Set Screw | M8x12 | 1 |
| 83 | 12201501 | Wire Clip | | 1 |
| 84 | TS-1533042 | Pan Head Screw | M5x12 | 1 |
| 85 | 2807BB08C4 | Power Cable | | 1 |
| 87 | DC1200-44 | On-Off Switch | | 1 |
| 88 | 10908814 | Switch Box | | 1 |
| 89 | TS-1533052 | Pan Head Screw | M5x16 | 3 |
| 90 | 10909012A1 | Pulley Cover Assy | | 1 |
| 92 | 2641BZDA40 | Round Head Screw | M6x16 | 4 |
| 95 | 10809502 | Center Pulley | | 1 |
| 96 | BB-6202Z | Ball Bearing | | 2 |
| 98 | 10609801 | Center Pulley Shaft | | 1 |
| 99 | VB-A28 | V-Belt | A28 | 1 |
| 101 | TS-0680021 | Flat Washer | 1/4" | 4 |
| 106 | TS-0561052 | Hex Nut | 1/2"-20UNF | 1 |
| 112 | 10611201 | Chuck Key Holder | | 1 |
| 113 | TS-1534042 | Pan Head Screw | M6x12 | 1 |
| 119 | VB-A29 | V-Belt | A29 | 1 |
| 128 | 2653MBDE15 | Tapping Screw | | 2 |
| 131 | CK-16 | Chuck Key | | 1 |
| 137 | 10913701 | Switch Cover | | 1 |
| 138 | TS-1533042 | Pan Head Screw | M5x12 | 2 |
| 139 | 2852D55723 | Bulb Switch | | 1 |
| 140 | 10714001 | Motor Bar (left) | | 1 |
| 147 | 10214704 | Protecting Rubber | | 1 |
| 149 | 2536MBE616 | Spring Pin | | 2 |
| 150 | 10916904 | I.D. Label | | 1 |
| 162 | 10916202 | Warning Label | | 1 |
| 163 | 2658MZDU36 | Drive Screw | | 8 |
| 165 | 10616519 | Speed Chart | | 1 |

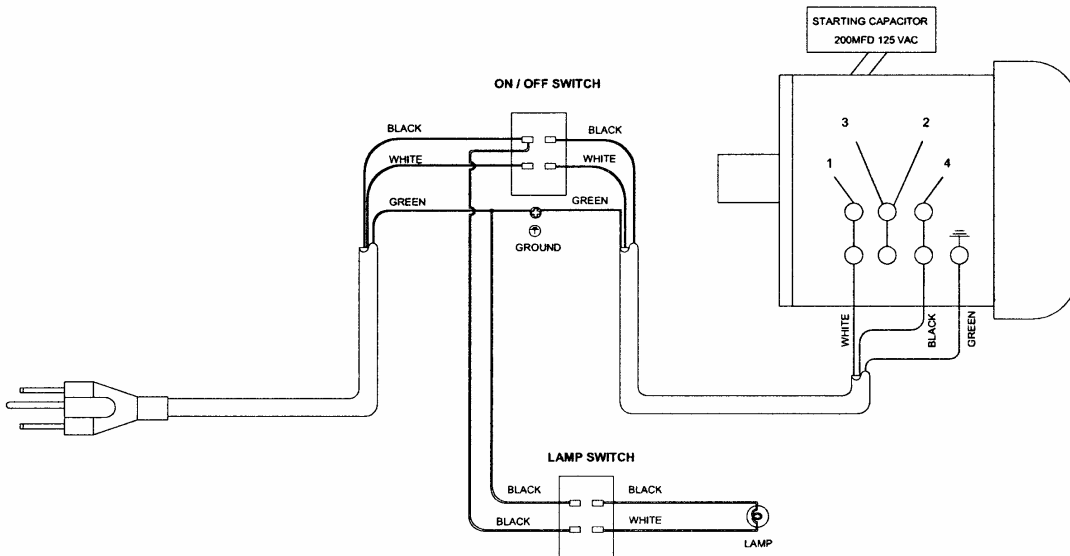
| Index No. | Part No. | Description | Size | Qty. |
|------------------|-----------------|------------------------|-------------|-------------|
| 169 | 11316904 | Nameplate | | 1 |
| 601 | TS-1533032 | Pan Head Machine Screw | M5x10 | 2 |
| 602 | 2504MZC005 | Tooth Washer | | 2 |
| 607 | TS-0720101 | Lock Washer | 7/16" | 2 |
| 610 | TS-1503081 | Socket Head Cap Screw | M6x35 | 2 |
| 611 | 10661102 | Seat | | 1 |
| 612 | TS-1540081 | Hex Nut | M12 | 1 |
| 613 | 10661301 | Scale Bolt | | 1 |
| 614 | 13005701 | Nut | | 2 |
| 615 | 13005601 | Washer | | 1 |
| 616 | TS-1504051 | Hex Socket Cap Screw | M8x25 | 1 |
| 617 | 10761701 | Set Ring | | 1 |
| 618 | 10661801 | Circular Nut | | 1 |
| 634 | TS-1551081 | Lock Washer | M12 | 1 |
| 700 | TS-152704 | Hex Wrench | 3MM | 1 |
| 701 | TS-152706 | Hex Wrench | 5MM | 1 |
| 801 | 28065558U4 | Bulb Wire | | 2 |
| 903 | 2801ABRF04 | Strain Relief | | 2 |

Wiring Diagram

JDP-17MF ELECTRICAL SCHEMATIC - 115V



JDP-17MF ELECTRICAL SCHEMATIC - 230V





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