

# MP3 PORTABLE DRILLING MACHINE OWNERS MANUAL

DIMENSION AND SPECIFICATIONS		120 Volt-17920 240 Volt-17940
Height		23-3/4" down 27-7/8" up
Width		8-7/8"
Length		15"
Weight		57 lbs.
Drill Motor		120v or 240vsingle phase 50-60 Hz, 1400 watts Load speed 130/450 rpm
Magnet Dead Lift		4000 psi on 1" plate
Magnet Base Dim.		4-5/16" x 8-5/8"
Spindle Taper		#3 Morse Taper
Twist Drill Capacity		1-1/4" diameter w/#3mt
Depth of Cut		10-3/16" standard
C/L Spindle to Motor Face		1-5/8"
C/L Spindle to Magnet Face		1-1/2"

## DESIGN FEATURES

- 1) Precision-machined one-piece cast aluminum frame.
- 2) One-piece steel hub shaft assembly can be reversed for right-or-left hand operation.
- 3) Side-mounted electrical panel can be reversed for right-or-left-hand convenience.
- 3) Powerful 1400-watt two speed motor
- 5) One-piece Teflon-coated motor slide increases stability and cutting performance.
- 6) Drilling Depth Gauge increases operators ability to control depth of cut.



## SAFETY FEATURES

- 1) Double-insulated motor, magnet and panel.
- 2) Improved magnetic base for a secure grip on workpiece.
- 3) Built-in internal motor clutch preventing possible motor damage.
- 4) Adjustable safety strap included with every machine.
- 5) Impulse switch turns motor off if excessive movement is detected while drilling, protecting operator and machine.

Manufactured by:

### **JANCY ENGINEERING CO.**

2735 Hickory Grove Road, Davenport, Iowa 52804  
Phone 319/391-1300 Fax 319/391-2323

# IMPORTANT SAFETY INSTRUCTIONS

## WARNING

When using electric tools, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury.

## READ ALL INSTRUCTIONS

1. Keep Work Area Clean  
Cluttered areas and benches invite injuries.
2. Consider Work Area Environment  
Do not expose power tools to rain.  
Do not use power tools in damp or wet locations.  
Keep work area well lit.  
Do not use tool in presence of flammable liquids or gases.
3. Guard Against Electric Shock  
Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, refrigerators enclosures.
4. Keep Children Away  
Do not let visitors contact tool or extension cord.  
All visitors should be kept away from work area.
5. Store Idle Tools  
When not in use, tools should be stored in a dry, high or locked-up place out of reach of children.
6. Do not Force Tool  
It will do the job better and safer at the rate for which it was intended.
7. Use Right Tool  
Do not force small tool or attachment to do the job of a heavy-duty tool.  
Do not use tool for purpose not intended--for example-do not use a circular saw for cutting tree limbs or logs.
8. Dress Properly  
Do not wear loose clothing or jewelry. They can be caught in moving parts.  
Rubber gloves and non-skid footwear are recommended when working outdoors.  
Wear protective hair covering to contain long hair.
9. Use Safety Glasses  
Also use face or dust mask if cutting operation is dusty.
10. Do not Abuse Cord  
Never carry tool by cord or yank it to disconnect from receptacle.  
Keep cord from heat, oil, and sharp edges.
11. Secure Work  
Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
12. Do not Overreach  
Keep proper footing and balance at all times.
13. Maintain Tools With Care  
Keep tools sharp and clean for better and safer performance.  
Follow instructions for lubricating and changing accessories.  
Inspect tool cords periodically and if damaged, have repaired by authorized service facility.  
Inspect extension cords periodically and replace if damaged.  
Keep handles dry, clean, and free from oil and grease.
14. Disconnect Tools  
When not in use, before servicing, and when changing accessories, such as blades, bits and cutters.
15. Remove Adjusting Keys and Wrenches  
Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
16. Avoid Unintentional Starting  
Do not carry plugged-in tool with finger on switch.  
Be sure switch is off when plugging in.

17. **Outdoor Use Extension Cords**  
When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
18. **Stay Alert** Do not use when taking medications that may cause drowsiness  
Watch what you are doing. Use common sense. Do not operate tool when you are tired.
19. **Check Damaged Parts**  
Before further use of the tool, 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 by an authorized service center unless otherwise indicated elsewhere in this instruction manual.  
Have defective switches replaced by authorized service center.  
Do not use tool if switch does not turn it on and off.

## SPECIAL INSTRUCTIONS

**Read all safety instructions thoroughly before attempting to operate Jancy Engineering's MP3**

1. Unplug MP3 from power source before attempting to change drills or make other adjustments.
2. Always use the safety strap (0151251) provided with the **MP3** for protection in case of power failure, accidental shut off or magnet movement.
3. Always wear eye protection.
4. Keep hands and clothing away from all moving parts. Never wear loose-fitting clothing when operating the **MP3**
5. Wear leather work gloves when removing chips wrapped around twist drills, **Never attempt to clear chips or other debris before disconnecting the MP3 from power source.**
6. Stop the drill immediately should the drill jam in the workplace. Unplug drill from power source and loosen drill by rotating spindle. Do not attempt to free drill by starting, stopping or reversing motor
7. Never attempt to operate the **MP3** when the magnetic holding power is suspect. Find alternate methods of securing the **MP3** and/or the workpiece.

## GROUNDING INSTRUCTIONS

### WARNING! READ ALL INSTRUCTIONS

Improperly connecting the grounding wire can result in the risk of electrical shock. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with tool. Never remove the grounding prong from the plug. Do not use tool if the cord or plug is damaged, have it repaired before using. If the plug will not fit the outlet, have a proper outlet installed by a qualified electrician. The MP3 must be plugged into an appropriate outlet, properly installed and grounded in accordance with all codes and ordinances. The plug and outlet should look like those in Figure A.

Figure B. illustrates a temporary adapter available for connecting grounded plugs (Figure A.) to two prong outlets. The rigid ear or lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box or receptacle. Simply remove the center screw from the outlet, insert the adapter and reattach the screw through the green grounding ear to the outlet. If in doubt of proper grounding, call a qualified electrician.

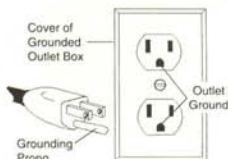


Fig. A

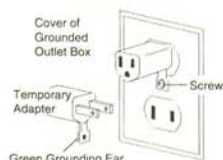


Fig. B

**SAVE ALL INSTRUCTIONS**

# Extension Cords

Use only 3-wire extension cords that have 3-prong grounding-type plugs and 3-pole receptacles that accept the tool's plug. Replace or repair damaged cords. 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 product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. See table for the correct size to use depending on cord length and nameplate amperage rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

MINIMUM GAGE FOR CORD SETS				
Volts	Total Length of Cord in Feet			
120V	0-25	26-50	51-100	101-150
240V	0-50	51-100	101-200	201-300
Amperage More Than	Rating Not More Than	AWG		
0-6	18	16	16	14
6-10	18	16	14	12
10-12	16	16	14	12
12-16	14	12	Not Recommended	

## MEDIDAS DE SEGURIDAD

1. Utilice siempre protección adecuada para sus ojos.
2. Mantenga sus manos y ropa siempre alejadas de las partes móviles.
3. Disponga de algún método de recogida para los trozos de metal expulsados por el taladro cuando representen un riesgo de heridas. (NOTA: trozos de metal son expulsados al final de cada corte.)
4. Use guantes de cuero para desprender las virutas que queden enredadas en la broca y el cabezal portabrocas.
5. Apague inmediatamente el taladro si la broca se atasca en el material. Desenchufe el taladro y afloje la broca girando el cabezal. No intente desatascar la broca apagando el taladro o poniéndolo en marcha o invirtiendo la dirección de giro.
6. Nunca cambie la dirección de giro cuando el taladro esté en marcha.
7. Desconecte el taladro para cambiar la broca.
8. Utilice siempre la cadena de seguridad.

## MESURES DE SECURITE

1. Toujours porter des lunettes de sécurité.
2. Ne pas approcher mains ou vêtements des pièces en mouvement.
3. Toujours pourvoir un moyen de récupérer la pastille là où celle-ci risquerait de blesser quelqu'un. (NOTE: La pastille est éjectée en fin de coupe.)
4. Porter des gants de protection en cuir pour enlever les ébarbures enroulées autour de l'emporte-pièce et de l'arbre.
5. Immédiatement arrêter la perceuse si l'emporte-pièce se coince dans la pièce. Débrancher la perceuse et libérer l'emporte-pièce en faisant tourner l'arbre. Ne pas essayer de libérer la perceuse en remettant le moteur en marche, en l'arrêtant, ou en le mettant en marche arrière.
6. Toujours arrêter la perceuse avant de la mettre en marche arrière.
7. Débrancher la perceuse avant de changer l'emporte-pièce.
8. Toujours se servir de la chaîne de sécurité.

## ĐỀ PHÒNG AN TOÀN

1. Phải mang kính bảo vệ mắt.
2. Tránh chạm tay và quần áo vào các bộ phận máy đang cử động.
3. Luôn dự tính một phương pháp để hứng những miếng đã khoan xong. (Chú ý: Những miếng khoan này rất bén, có thể gây thương hại.)
4. Cần mang găng tay bằng da thích hợp để gỡ những mảnh vụn bám quanh lưỡi khoan và trục máy khoan.
5. Ngừng máy tiện ngay lập tức nếu lưỡi khoan bị kẹt vào miếng hàn đang tiện. Rút dây điện của máy tiện ra, tháo lỏng bằng cách xoay trục trục máy tiện. Không nên thử tháo rời trục máy bằng cách cho động cơ máy chạy, ngừng hoặc chạy ngược chiều.
6. Không được đổi chiều đang khoan tới rồi khoan lại khi máy tiện đang chạy.
7. Rút dây điện máy khoan mỗi lần thay lưỡi khoan.
8. Luôn luôn xử dụng dây an toàn của máy tiện.

# OPERATING INSTRUCTIONS (BEFORE YOU BEGIN)

Remove all contents from the packaging and inspect to ensure no damage was incurred during shipping. Your MP3 package should include the following:

QTY	PART #	DESCRIPTION
3	3012	Spoke handles
1	3028	Owner's manual
1	3029	Drill Drift (For removing twist drills)
1	3060	Jacobs Chuck 3/4" (For standard shank twist bits)
1	3062	Adapter, #3 Morse Taper
3	0010161	Ball knobs
1	0151219	8 mm Combination wrench
1	0151251	Adjustable safety Strap
1	0151255	2.5mm hex key for motor slide adjustment

## GETTING STARTED

**(CAUTION: BE SURE MP3 IS DISCONNECTED FROM POWER SOURCE WHEN MAKING ADJUSTMENTS)**

**READ ALL INSTRUCTIONS BEFORE OPERATING THIS UNIT. IF YOU DO NOT UNDERSTAND ANY PART OF THIS MANUAL OR HAVE ANY QUESTIONS REGARDING THE MP3 DRILLING MACHINE, CALL FOR FACTORY CUSTOMER ASSISTANCE AT (319-391-1300) MONDAY THRU FRIDAY 7:00 AM to 6:00 PM (CST).**

- 1) Assemble (3) spoke handles #3012 to the MP3 feed hub #3014. **NOTE:** Feed hub assembly is mounted on the right side of the machine frame. If necessary, it can be reversed to operate from the left side of the frame (Refer fig. 2112). Simply remove SHCS #70537 and hub lock #3009 from frame. Remove hub pinion shaft assembly #3014 from right side of frame and insert it into left side of frame. Replace SHCS #70537 and hub lock #03009 into frame; tighten securely. **NOTE:** electric control panel may also be reversed from left to right if so desired. (Refer fig. 2113) Simply remove (4) screws #151185, disconnect magnet and motor pin connections, remove and return to the opposite side of the frame. Connect magnet and motor pin connections, and secure panel box with (4) screws #151185. Attach safety strap thru MP3 safety bracket located on top of magnetic base.

### REVERSING HANDLE ASSEMBLY



Fig. 2112

### REVERSING PANEL ASSEMBLY



Fig. 2113

**Always disconnect from power source before attempting repairs or changes**

# WHAT YOU SHOULD KNOW BEFORE YOU DRILL

- 1) Type of material to be drilled, Brinnell and Rockwell hardness, material thickness and position should all be determined to ensure proper selection of cutting tools, RPM, coolant and drilling time.
- 2) Remove any excessive mill scale or rust from surface to be drilled.
- 3) When drilling thin materials, Jancy recommends placing a steel plate under the workpiece and **MP3** magnet area to increase magnetic holding force.
- 4) Material that has been flame cut may become heat treated and therefore difficult to drill. Avoid drilling near such areas whenever possible.
- 5) Drilling with the **MP3** in the horizontal position requires a special lubrication (**CAUTION: Always use adjustable safety strap to secure machine to the workpiece.**)

## PREPARING TO DRILL

- 1) The surface you are working on should be clean and level. Remove any loose dirt or chips.
- 2) Select desired #3 Morse taper twist drill (1-1/4" maximum diameter) align drill tang and seat drill taper firmly into MP3 spindle socket. (**See Fig. 2115**)  
(Use caution when handling the sharp flutes and cutting edges of twist drills and other cutting tools)
- 3) When using twist drills under 3/4" diameter with straight shanks, install supplied 3/4" Chuck and adapter into MP3 spindle socket. Install straight shank drill into chuck.
- 4) Position MP3 on workpiece near area where hole is to be drilled.
- 5) Align twist drill into drilling position.
- 6) **Attach safety strap** to workpiece. Depressing the thumb switch on strap adjusting mechanism, pull flat end of safety strap until excess slack is taken up and safety strap is securely around work piece to be drilled. The safety strap is only intended to secure drill to workpiece in case of emergency such as loss of power to magnetic base.  
**Do not use safety strap as a holding device.**
- 7) Select proper spindle speed by moving shift lever into the upward position (450RPM) or into the downward position (130 RPM). (**See Fig. 2114**)  
**(DO NOT ATTEMPT TO CHANGE SPEEDS WHEN MACHINE IS RUNNING)**
- 8) Move magnet rocker switch located on panel to ON position. Switch will illuminate to indicate DC power is going to magnet.
- 9) Depress motor ON switch to start drill motor.  
(When drilling with twist drills larger than 1/2" in diameter a pilot hole is recommended. For cold and hot rolled steels pilot drill size can be determined by measuring the length of chisel edge on drill to be used.)  
Start the cut by applying only enough pressure to produce a curled chip. After the cut has been established you can increase cutting pressure, use only enough force to ensure proper chip evacuation. (Excessive force will overheat the drill bit resulting in shorten tool life). Brown or blue chips during the cut indicate overheating.  
For best drilling results always use a quality cutting fluid such as Jancy's TRU-BLUE coolant (Do not use fluids such as motor oil, diesel oil as coolant)
- 10) After the cut is finished and the machine is returned to the full upright position, depress motor OFF switch to stop MP3 drill motor. Return the magnet switch to OFF position to release the magnetic base from the material.
- 11) Disconnect machine from power source when moving or repositioning for another cut.
- 12) To remove tapered shank drill from MP3 spindle (**Disconnect from power source**) insert supplied drill drift (#3029) into access slot located on the side of the spindle socket, gently tap drift with a soft hammer or mallet drill bit should fall downward out spindle socket. (**See Fig. 2116**)



Fig. 2115



Fig. 2116



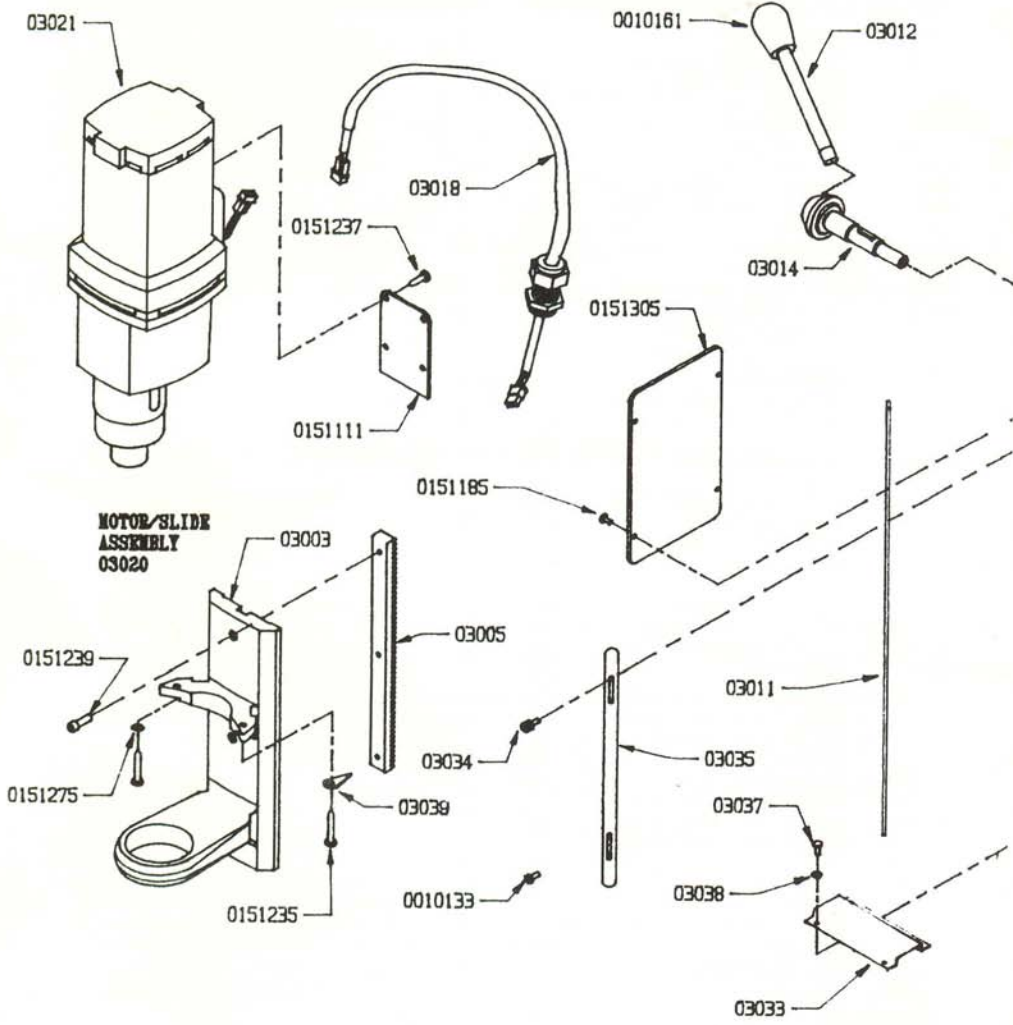
Fig. 2114

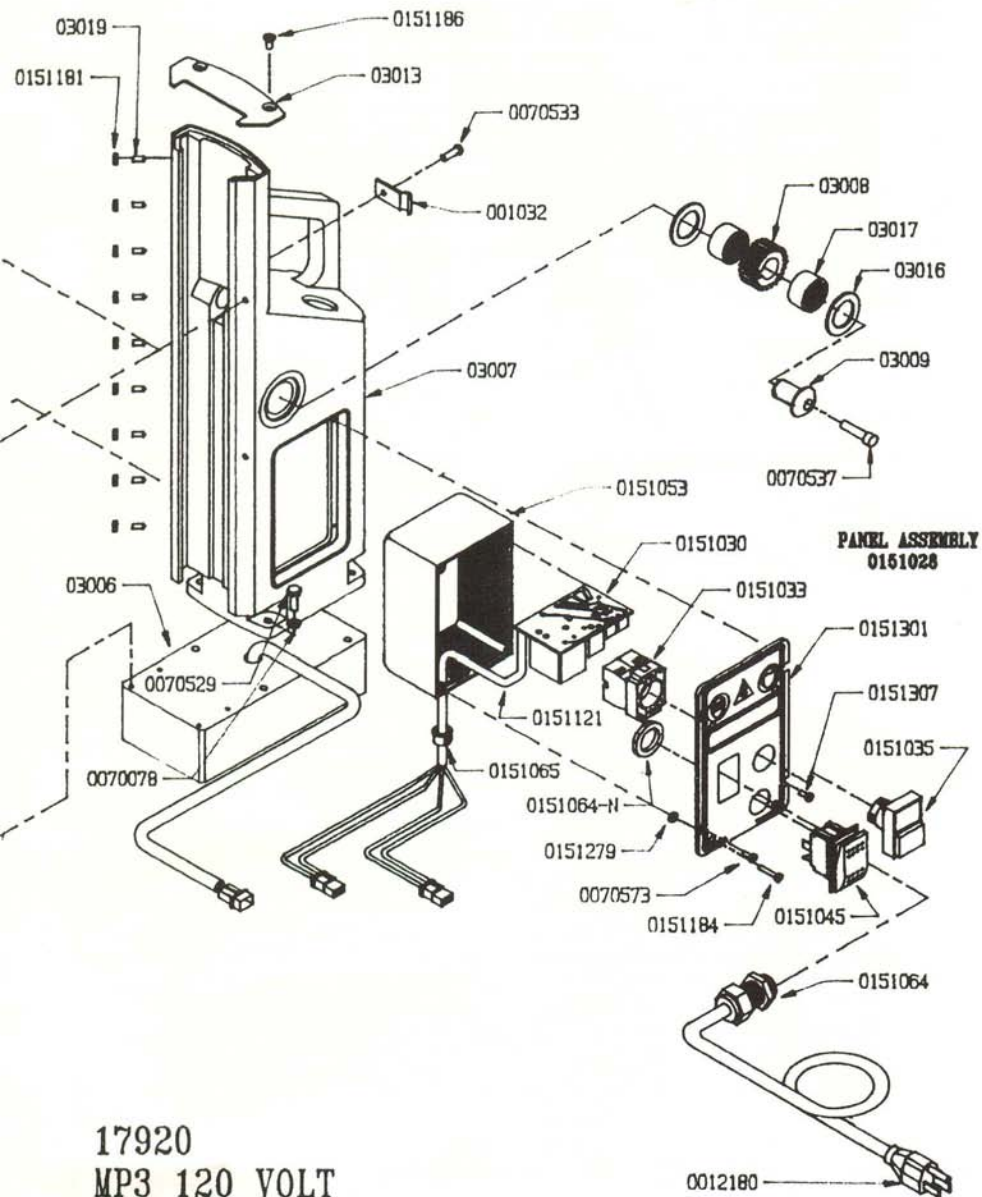
# MP3 PARTS LIST

PART NO.17920 (120 VOLT)

PART NO.17940 (240 VOLT)

PART #	DESCRIPTION	QTY.	PART #	DESCRIPTION	QTY.
03003	Motor Slide MP3	1 EA	0151239	SHCS M5 x 8 x 14	2 EA
03005	Gear Rack MP3	1 EA	0151275	Washer Flat #12	1 EA
03006	MP3 Magnet 120 Volt	1 EA	0151279	Washer	1 EA
03007	Main Frame MP3	1 EA	0151301	Panel Plate	1 EA
03008	Pinion Gear MP3	1 EA	0151303	Panel Plate Overlay	
03009	End Cap Gear Shaft	1 EA	0151305	Control Panel Plate	1 EA
03011	Pressure Plate	1 EA	0151307	Screw #7 x 1/2" HHSTD	1 EA
03012	Spoke Handle MP3	3 EA			
03013	Plate Slide Cover	1 EA			
03014	Pinion Shaft MP3	1 EA			
03016	Thrust Washer	2 EA			
03017	Needle Bearing	2 EA			
03018	Motor Cable Assembly MP3	1 EA			
03020	Motor and Slide Assembly	1 EA			
03021	120V Eibenstock Motor	1 EA			
03033	Safety Strap Holding Plate	1 EA			
03034	Scale Adjuster	1 EA			
03035	Drilling Scale Depth Gauge	1 EA			
03037	SCR, M3 x .5 x 10mm	4 EA			
03038	Lock Washer	4 EA			
03039	Depth Gauge Pointer	1 EA			
03051	Motor Assembly	1 EA			
03056	MP3 Magnet 240 Volt	1 EA			
001032	Motor Cord Clamp	1 EA			
010133	BHCS, 1/4 x 20 x 3/8	1 EA			
0012180	Power Cord	1 EA			
0070078	Lock Washer 1/4	4 EA			
0070529	SCR, M6 x 1 x 25mm	4 EA			
0070533	SCR, 6mm x 1.0 x 10mm	1 EA			
0070537	SHCS 6 mm-1-30mm	1 EA			
0070573	Screw 3.5mm Panhead	4 EA			
0151028	Panel Assembly MP3 120V	1 EA			
0151032	Panel Assembly MP3 240V	1 EA			
0151029	PC Board MP3 240 Volt	1 EA			
0151030	PC Board MP3 240 Volt	1 EA			
0151033	Contact Block	1 EA			
0151035	Switch Motor On /Off MP3	1 EA			
0151044	Magnet Switch MP3 240 Volt	1 EA			
0151045	Magnet Switch MP3 120 Volt	1 EA			
0151053	Panel Enclosure	1 EA			
0151064	Strain Relief	1 EA			
0151064N	Strain Relief Nut	1 EA			
0151065	Strain Relief	1 EA			
0151111	Plate Motor Cover	1 EA			
0151121	Panel Cable MP3	1 EA			
0010161	Ball Knob	3 EA			
03019	SSS M5 x .8 x 16	9 EA			
0151181	Zinc Nut M5 x 8	9 EA			
0151184	Screw M3 x 5 x 12 CRFHMS	4 EA			
0151185	PHMS M3.5 x 6 x 10	4 EA			
0151186	SFHMS M5 x 8 x 16	2 EA			
0151235	#12 X 1-3/4" CRSPAN	4 EA			
0151237	Panhead ST #12 x 1/2	4 EA			



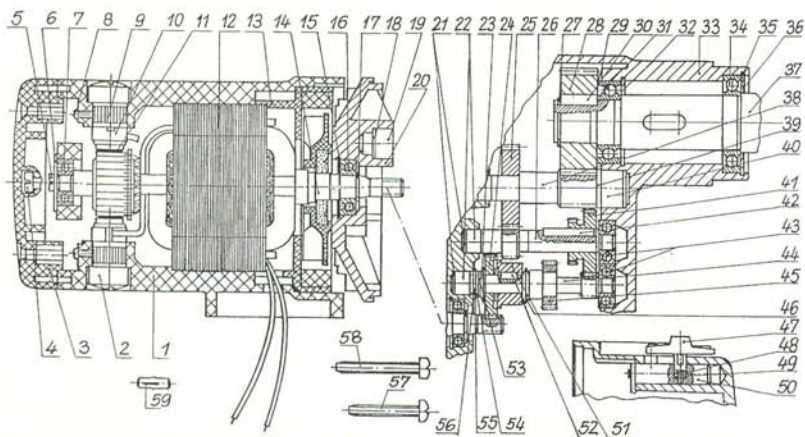


# MP3 MOTOR PARTS

## Part#

17920 -120 volt

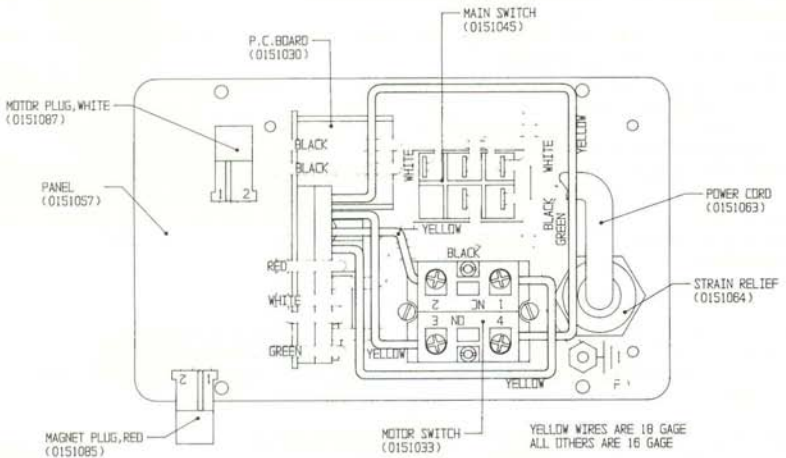
17940 -240 volt



1	E55001	HOUSING, EBSTK MOTOR	31	E55331	BALL BEARING
2	E55002	COVER, BRUSH HOLDER	32	E55332	RETAINING RING
3	E55003	CAP, FOR MOTOR HSG.	33	E55333	GEAR BOX CASE
4	E55004	SCREW, 4.8 mm X 22 mm	34	E55334	BALL BEARING
5	E55005	SCREW, 4.2 mm X 22 mm	35	E55335	WASHER FOR 6006
6	E55006	COVER PLATE	36	E55336	RETAINING RING
7	E55007	BALL BEARING, UPPER	37	E55337	WORK SPINDLE
8	E55008	SCREW, 3.9 mm X 9.5 mm	38	E55338	INTERMED. SHAFT
9	E55009	TUBULAR CARBON HOLDER	39	E55339	WASHER
10	E55010	CLAMP, TENSION	40	E55340	NEEDLE BEARING
11	E55011	CARBON BRUSH	41	E55341	GEAR BLOCK
12	E55012	FIELD 120 VOLT	42	E55342	FEATHER KEY
14	E55014	ARMATURE 120 VOLT	43	E55033	BALL BEARING
	E55514	ARMATURE 240 VOLT	44	E55344	INTERMED. SHAFT
	E55512	FIELD 240 VOLT	45	E55345	INTERMED SHEEL
15	E55015	RETAINING RING	46	E55038	DISC SPRINGS
16	E55016	BALL BEARING, LOWER	47	E55045	GEAR SHIFTER
17	E55017	RETAINING RING	48	E55348	PRESSURE SPRING
18	E55019	SHIM RING	49	E55047	TUBULAR RIVET W/SCR
19	E55022	NEEDLE BEARING	50	E55350	COUPLING BOLT
20	E55320	GEAR BOX FLANGE	51	E55351	COUPLING HALF
21	E55019	SHIM RING	52	E55039	FEATHER KEY
22	E55022	BEARING, NEEDLE	53	E55042	PRESSURE WASHER
23	E55038	DISC SPRING	54	E55042	PRESSURE WASHER
24	E55324	CLUTCH WHEEL	55	E55043	RETAINING RING
25	E55325	IDLE WHEEL	56	E55052	SHIM RING
26	E55326	INTERMD. SHAFT	57	E55049	SCREW, 5.5mm X 38mm
27	E55327	RETAINING RING	58	E55051	SCREW, 5.5mm X 45mm
28	E55328	SPINDLE GEAR	59	E55050	DOWEL PIN
29	E55329	SHIM RING			
30	E55330	FEATHER KEY			

# MP3 ELECTRIC PARTS

## WIRING DIAGRAM FOR MP3 PANEL



120 VOLT 0151028 & 240 VOLT 0151032

## PARTS LIST FOR MP3 ELECTRICAL PANEL

PART #	DESCRIPTION	QTY.
0151064	STRAIN RELIEF PIGTAIL	1 EA
0151064N	STRAIN RELIEF NUT ONLY	1 EA
0070157	TERMINAL, FEMALE 1/4 PUSHON T2626	6 EA
0151030	PC BOARD MP3 120 VOLT	1 EA
0151029	PC BOARD MP3 240 VOLT	1 EA
0151035	SWITCH, MOTOR PUSH BUTTONS	1 EA
0151040	SWITCH, MOTOR CONTACT BLOCK	1 EA
0151044	SWITCH ROCKER MAGNET 240 VOLT	1 EA
0151045	SWITCH, ROCKER MAGNET 120VOLT	1 EA
0151053	ENCLOSURE W/ CUTOUTS	1 EA
0151057	PLATE, CONTROL PANEL	1 EA
0151061	OVERLAY, CONTROL PANEL	1 EA
0151063	CORD, POWER 16/2	1 EA
0151065	STRAIN RELIEF, BUSHING HEYCO-2070	1 EA
0151073	PIN, MOLEX, FEMALE	2 EA
0151087	CONNECTOR HOUSING, 2 PIN FEMALE	2 EA
0151183	SCR,M3 X .5 X 16 mm SFHMS	4 EA
0151185	SCR,M3.5 X .6 X 10 mm PHMSCR	4 EA

## REGULAR MAINTENANCE

- 1) The motor slide may become loose and require adjustment after the machine has been in use for the first few weeks. Wrenches are provided in the tool kit for this adjustment. Loosen the (9) locking nuts #151181. Bring the motor slide into the full up position. Using our small hex key, equally tighten (9) adjustment screws #151179 working from center frame position to top and bottom. Proper adjustment would mean the 3-spoke handle controlling the motor slide should stay in whatever position you bring it to (no drifting down of slide). When all (9) screws have been adjusted, tighten (9) locking nuts to maintain adjustment. This adjustment should be required very infrequently because of the precision of your machine.
  - 2) Your motor slide has been coated with a Teflon-like surface. It should be cleaned from time to time to ensure ease of movement.
  - 3) Your gibb pressure plate #03011 should be inspected and replaced if it has become damaged or deformed in any way.
  - 4) Keep magnet clean and free of chips, oil or other contaminants.
  - 5) Inspect spindle socket for visible wear.
  - 6) Check spindle at bore to ensure a maximum run out of .0035 per one revolution. This is most accurately measured by placing a dial test indicator on the inside of the arbor bore and rotating the arbor while observing the movement of the indicator. Movement should not exceed .0035 inches in one complete rotation.
  - 7) Inspect motor brushes and replace after extended periods of machine usage.
  - 8) Replace any worn parts and regularly tighten fasteners that become loose during daily usage.
  - 9) Always keep the **MP3** spindle socket clean and free of chips and debris. The MP3 spindle gear box should be cleaned and inspected every 6 months. Refill with Type GR132 or a similar lithium base grease. If heavy use is encountered maintain gear box at 3 month intervals. (Jancy Engineering offers complete factory service for all Jancy magnetic drill presses).
- (NEVER ATTEMPT TO CLEAN SPINDLE SOCKET BEFORE THE MP3 IS DISCONNECTED FROM POWER SOURCE.)**

## JANCY SIX (6) MONTH LIMITED WARRANTY

Jancy Engineering Company warrants the Slugger Drill to be free of defects in materials and workmanship under normal use for a period of six months from date of purchase. This warranty does not cover damage or wear which arises from misuse, accident, tampering or any other causes not related to defects in workmanship or materials.

This warranty is conditioned upon the prepaid return of the Slugger Drill to Jancy Engineering Co., 2735 Hickory Grove Road, Davenport, IA 52804, for examination and verification of the claimed defects. If the defect is verified, Jancy will repair or replace free of charge any defective parts. The machine will be returned to the original purchaser, transportation prepaid, and the original purchaser will be reimbursed or credited for any shipping charges incurred when returning the machine to Jancy Engineering Co. If inspection of the machine does not disclose any defect in workmanship or materials, the original purchaser will be notified by Jancy Engineering Co. of the costs of necessary repairs. If repairs are authorized, repairs will be made and the costs of repairs and return transportation will be billed through the customer's distributor.

THIS LIMITED WARRANTY IS EXCLUSIVE, AND IS IN LIEU OF ANY OTHER WARRANTIES (EXPRESSED OR IMPLIED) INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SPECIAL AND CONSEQUENTIAL DAMAGES ARE EXPRESSLY EXCLUDED AND DENIED.

RETURN ENCLOSED ORANGE WARRANTY CARD IMMEDIATELY AFTER PURCHASE.

**NOTE:** When returning a machine for warranty repair, please include a copy of the sales invoice showing the serial number of the unit. This will eliminate the possibility of charging for repairs that should be covered under warranty. Our records only indicate when we ship a machine to our distributor, but we have no record of when the unit is sold to you, the customer. Thank you.

### **JANCY ENGINEERING CO.**

2735 Hickory Grove Road, Davenport, Iowa 52804  
Phone 319/391-1300 Fax 319/391-2323