

Owners/Parts Manual Model 80

CANOGA® EQUIPMENT

Assembling the Model 80

SAFETY RULES FOR OPERATION

• OPERATING YOUR MIXER •

- 1 KEEP ALL GUARDS AND COVERS IN PLACE and in working order.
- 2 CHECK FOR DAMAGED PARTS. Guards and other parts damaged from previous use should be repaired or replaced.
- 3 WEAR PROPER APPAREL. Do not wear loose clothing or jewelry; rubber gloves and footwear are recommended.
- 4 KEEP CHILDREN AWAY. All visitors should be kept at a safe distance from work area.
- 5 DON'T OVERREACH. Keep proper footing and balance at all times when loading or unloading mixer.
- 6 KEEP WORK AREA CLEAN. Cluttered area invites accidents.
- 7 NEVER LEAVE YOUR MIXER UNATTENDED. When not in use, turn it off.
- 8 STORE MIXER WHEN NOT IN USE. Keep it indoors to prevent damage.
- 9 BE AWARE OF YOUR SHOVELING MOTION. When shoveling material into your mixer always stop your shoveling motion at the mouth of the mixing barrel and let the material fall into the barrel. NEVER put your shovel, or any tool into the mixer barrel as it will get caught on the mixing paddles and could cause injury as the barrel rotates.
- 10 NEVER PUT YOUR HANDS OR ARMS INSIDE THE MIXING BARREL when the motor is on.
- 11 NEVER OVERLOAD THE MIXER, by putting too much material in the mixing drum. It will mix properly and much faster with smaller batches.

• USE OF ELECTRIC MOTOR •

- 1 AVOID ACCIDENTAL STARTING. Be sure ON/OFF switch is in OFF position before plugging in extension cord.
- 2 AVOID DANGEROUS ENVIRONMENT. Do not plug or unplug motor while standing in or around damp or wet ground.
- 3 DO NOT ABUSE CORD. Never yank cord to disconnect. Keep cord from heat, oil or sharp edges.
- 4 MOTOR REQUIREMENTS: Only the following electric motors are recommended for use with this product:
1/3 H.P. - Single Phase, 115v 1725rpm - N-E-M-A Frame #48 or Larger.



- 5 DO NOT START MOTOR WHEN MIXER IS FULLY LOADED. This may overload your motor.
- 6 USE ONLY OUTDOOR APPROVED EXTENSION CORDS. Cords must be 3-wire and made of no less than 14 gauge wire to protect motor and prevent fires.
- 7 GROUNDING INSTRUCTIONS. This mixer must be grounded while in use to protect operator from possible electrical shock. Your mixer is equipped with an approved 3-conductor-cord and 3-prong grounded type receptacle. The green wire is the grounded wire and should never be connected to a live terminal.

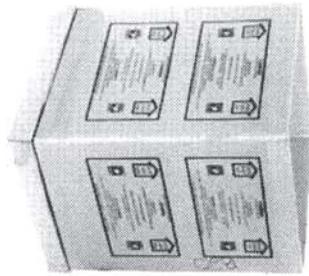
"ANY PERSON NOT HAVING FULL COMPREHENSION OF ALL THESE SAFETY RULES CONTAINED ON THIS PAGE SHOULD NOT OPERATE THIS MIXER."

SPECIFICATIONS AND FEATURES

- All steel construction that is electrically welded.
- Main shaft is made of stress proof steel and supported by tapered roller bearings.
- Powered by a 1/3 H.P. - Single Phase, 115v 1725rpm electric motor.
- Driven by V-Belt drive using hardened steel gears.
- Mounted on a tubular steel stand with 360° swivel enabling user to tilt and discharge material from any direction.
- Unit breaks down into 3 separate pieces requiring less storage space.
- 2 cubic ft. mixing capacity.

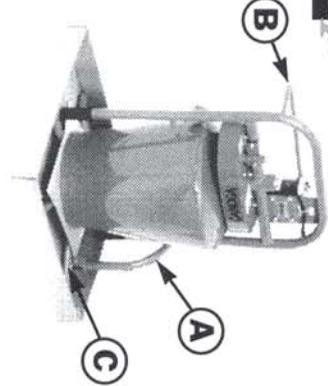
MANUFACTURED BY:
MK DIAMOND PRODUCTS, INC.
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M80 (rev. 09-20-95)



1
Step

Make sure carton is upright with arrows pointing upward.



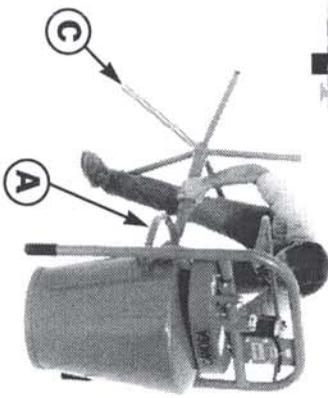
2
Step

After removing from carton, remove YOKE(A) from frame. Tilt mixer over to the side with the PROTECTIVE BAR(B). Remove STAND(C).



3
Step

With mixer barrel standing upside down, place the YOKE(A) onto the pivot pins. Make sure that you attach the YOKE to the side with the Motor Protective Bar.



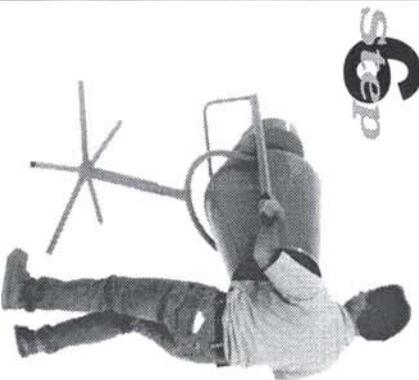
4
Step

While holding the YOKE(A), slide the STAND(C) onto the YOKE until it stops, making sure that two(2) of the legs are resting on the ground.



5
Step

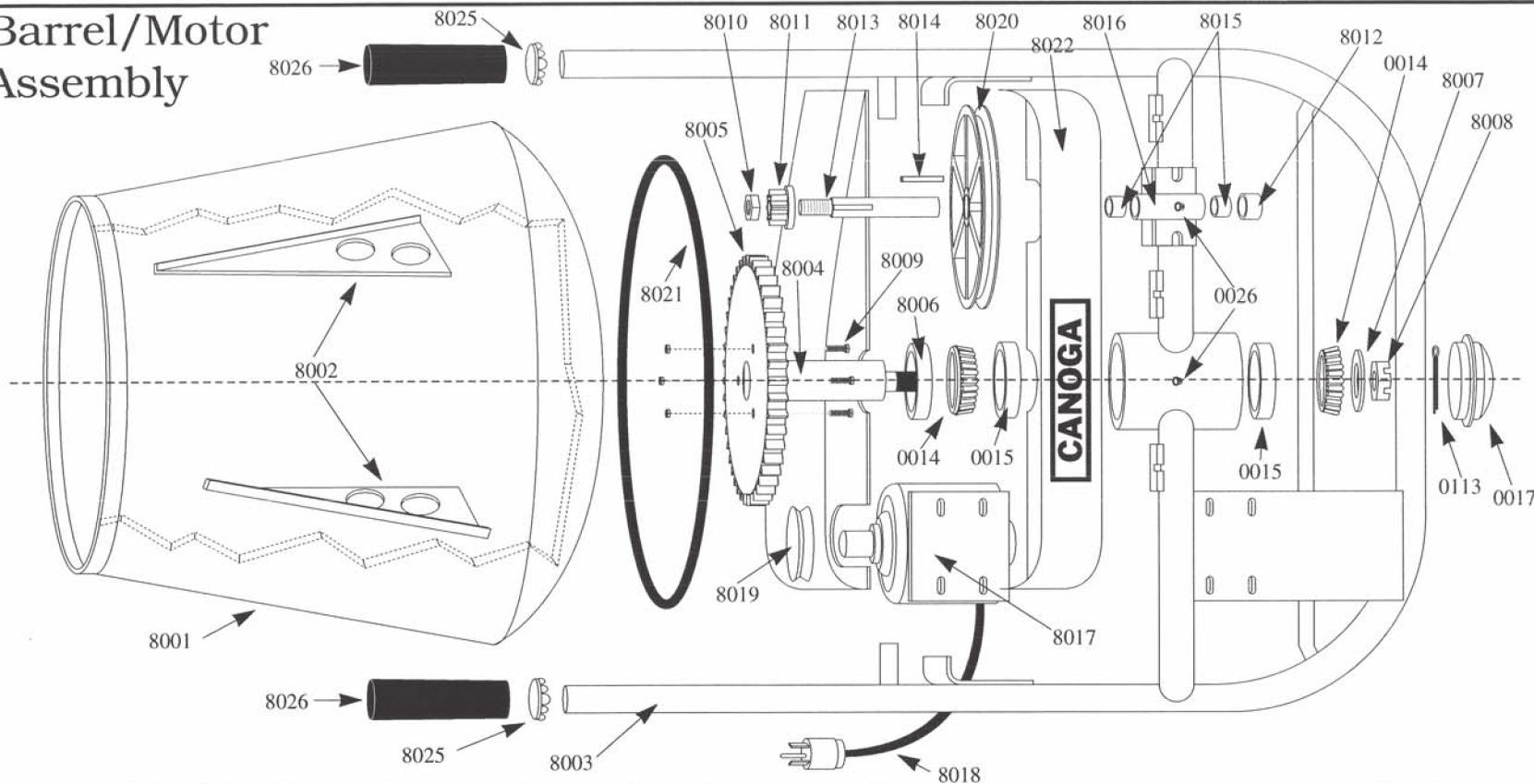
Install the pivot locking bolts through holes in top of YOKE. Tilt the main frame backwards until the SIDE STOPS(D) rest against the YOKE.



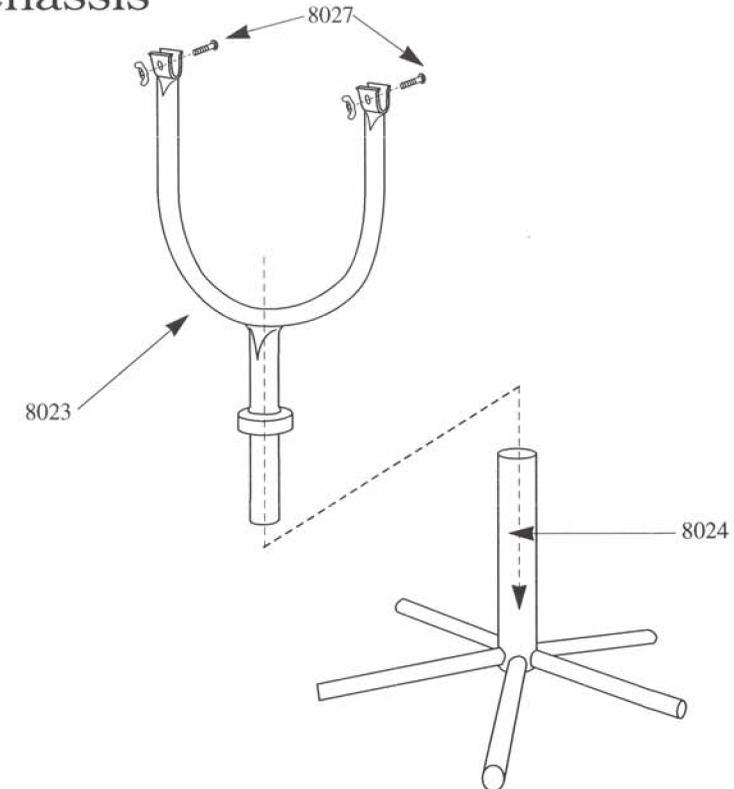
6
Step

Using the handle grips, lift mixer upwards and walk it forward until mixer is in upright position.

Barrel/Motor Assembly



Chassis



PART NO.	DESCRIPTION	QUANTITY REQUIRED
8001	Mixing Drum	1
8002	Mixing Paddle	2
8003	Frame	1
8004	Drum Shaft & Gear	1
8005	Gear Only	1
8006	Grease Seal	1
0014	Drum Shaft Bearing	2
0015	Drum Shaft Race	2
8007	Drum Shaft Washer	1
8008	Drum Shaft Slotted Nut	1
0113	Cotter Pin	1
0017	Dust Cap	1
8009	Drum Fastener Set	1
8010	Lock Nut, Drive Gear	1
8011	9 Tooth Drive Gear	1
8012	3/4\" Shaft Collar	1
8013	Spindle Shaft	1

PART NO.	DESCRIPTION	QUANTITY REQUIRED
8014	Square Drive Key	1
8015	Bronze Bushing	2
8016	Spindle Housing w/ Bushings	1
8017	Electric Motor w/ Power Cord	1
8018	Cord & Plug Assembly	1
8019	2\" Drive Pulley	1
8020	9\" Driven Pulley	1
8021	V-Belt	1
0026	Grease Fitting	2
8022	Belt Guard Assembly (2 pcs)	1
8023	Yoke	1
8024	Stand	1
8025	Dump Handle Caps	2
8026	Dump Handle Grips	2
8027	Pivot Locking Bolt & Wingnut	2

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LIMITED WARRANTY

MK DIAMOND PRODUCTS, INC. will guarantee every CANOGA® machine they build, to be free from defects in material and workmanship for (1) one year from date of purchase. The obligation of MK DIAMOND PRODUCTS, INC. under this warranty is limited to the repair or replacement of any parts which, under normal use, prove to be defective in material or workmanship. The parts involved or the unit in question should be returned to MK DIAMOND PRODUCTS, INC. or to a point designated by us, transportation prepaid.

This warranty does not obligate us to bear the cost of labor or transportation charges in connection with replacement or repair of defective parts. Likewise, it shall NOT apply to any unit which has been subjected to misuse, neglect or accident. This warranty does NOT apply to any machine which has been repaired or altered outside our factory.

This warranty does NOT obligate MK DIAMOND PRODUCTS, INC. with respect to items not of our manufacture, such as engines, motors, hydraulics, etc., which are subject to their own guarantees and warranties. We shall in no event be liable for consequential damages or contingent liabilities arising out of failure of any equipment or parts to operate properly.

