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Find the *Eastern Mixers 5VB-RS* at our website: ***Click HERE***

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EASTERN
LABORATORY MIXER INSTALLATION INSTRUCTIONS

MODELS 1A & 3A

1. Remove stirrer parts from box. Remove all packing from stirrer housing and shaft. Be sure there is no packing material inside motor housing, where shaft enters housing.

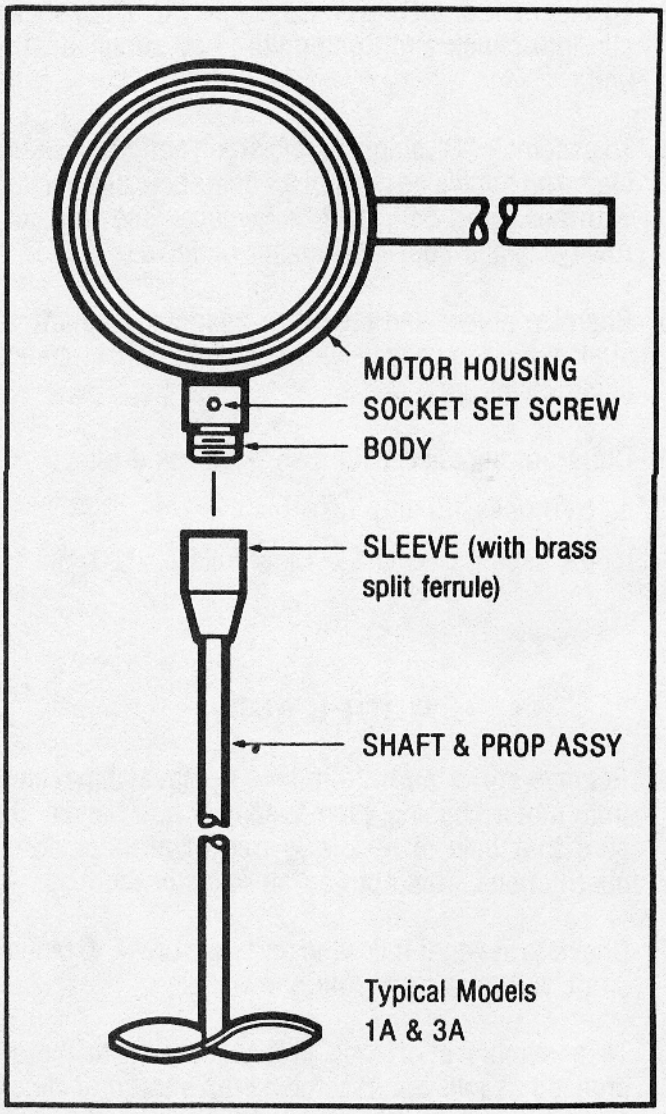
2. Check to see that following parts are present:

   a. Motor housing with handle and electric cord. Be sure that nickel plated body, with 3/4 - 24 male thread, is attached to motor shaft. Turn body by hand to check firm attachment to motor shaft. NOTE: Do not attempt to turn socket set screw if body is firmly attached to motor shaft. Screw is secured with Locktite. Forcing it to turn will break locking bond.

   b. Shaft and prop assembly with nickel plated sleeve and brass split ferrule on end of shaft. (Nickel plated sleeve contains 3/8 - 24 female thread).

3. To assemble, place end of prop shaft, with split ferrule into body. Engage threads of sleeve and body forcing split ferrule between sleeve and body. Do not overtighten.

4. Start stirrer and check for whipping of shaft. If shaft whips excessively, return to factory for replacement.



Typical Models 1A & 3A

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MODELS 5VB & 8AR

1. Remove stirrer parts from box. Remove all packing from stirrer housing, shaft, "C" clamp, or ring stand mounting handle.

2. Check to see that following parts are present:
   a. Motor, shaft and prop assembly.
   b. Handle (for ring stand models) with 3/8-16 x 1-3/4 long hex head bolt, 3/8 split lockwasher and 3/8-16 hex nut.
   c. "C" Clamp with its 3/8-16 x 1-1/2 long hex head bolt, 3/8 lockwasher and 3/8-16 hex nut.

NOTE Models 5VB and 8AR are supplied with either the "C" clamp or ring stand handle mounting options as ordered.

3. To assemble shaft and prop assembly to motor shaft, slip into chuck and tighten with key supplied with unit.

4. To assemble "C" clamp or ring stand handle, position clamp on handle as desired for operation, and secure with hex head bolt, split lockwasher and hex nut. Always place split lockwasher under hex nut.

5. Energize stirrer and check for whipping of shaft. If shaft whips excessively, reposition shaft in chuck using chuck key.

6. Units are supplied with fuse holder and fuse.
   a. 5VB uses 1.0 amp fuse 1/4 x 1-1/4
   b. 8A uses 4.0 amp Slo-Blow fuse 5 x 20 mm.

MODEL A6R

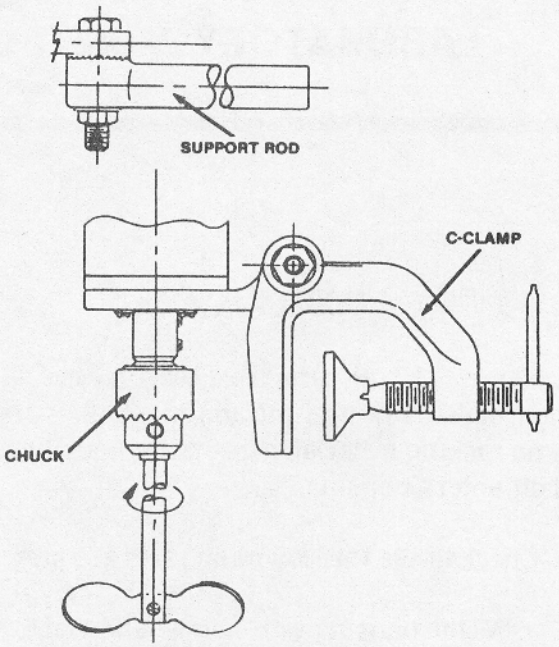
1. Remove stirrer parts from box. Remove all packing from motor housing, prop assembly and handle. Be sure that hole in handle is free of all packing or obstructions. This acts as air inlet for motor.

2. Check to see that following parts are present: Motor, shaft and prop assembly and handle.

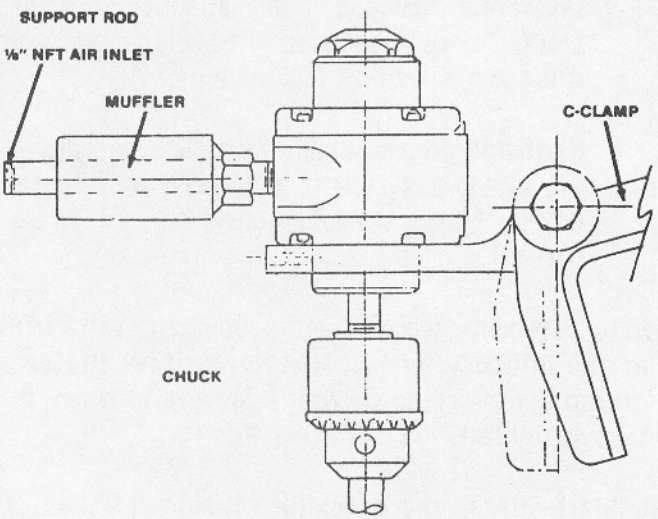
3. To assemble shaft and prop assembly to motor, proceed as follows: Assemble prop shaft into chuck and tighten with key supplied with unit.

4. Energize stirrer and check for whipping of shaft. If shaft whips excessively reassemble shaft as described in step 3. If whipping continues return to factory for replacement.

5. For moderate speeds (under 2000 RPM) or intermittent operation, one squirt of oil in bearing oilers per day will suffice. If the duty is continuous or speed is high, use an automatic air line oiler set to feed one to three drops per minute. The bearings will receive oil from the roto chamber during automatic oiling. Use SAE #10 lite oil without detergents. Install a moisture trap and filter in the air line ahead of the motor.



MODELS 5VB & 8AR
(Use same c-clamp and ring stand support arm.)



MODEL A6R
Showing c-clamp and support rod.

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