

PNEUMATIC PAINT SHAKER

INSTRUCTIONS



The **Pneumatic Paint Shaker** features rugged design and construction for many years of reliability. Great for most gallons, quarts and pints.

SAFETY INFORMATION



READ INSTRUCTIONS!

Thoroughly read and understand this instruction manual before use. Save manual for future reference to safety warnings, maintenance and operating procedures. Failure to follow all warnings can result in unit damage or serious physical injury.



WARNING!

- **DANGER!** Before attempting use, this Paint Shaker **MUST** be securely bolted to a firm foundation capable of withstanding and absorbing the rapid and violent shaking motion of a heavy paint container. Failure to do so could cause severe personal injury and property damage.
- **DO NOT** exceed **95 psi [6.5 bar]** of inlet air pressure.
- **Always** disconnect air supply when placing or removing a paint container to avoid accidental starting and possible personal injury.
- Verify paint cans are securely closed before shaking.
- **KEEP AWAY FROM CHILDREN.**

INCLUDES

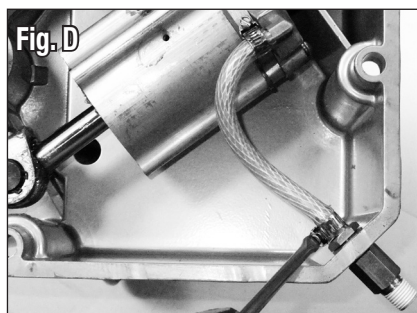
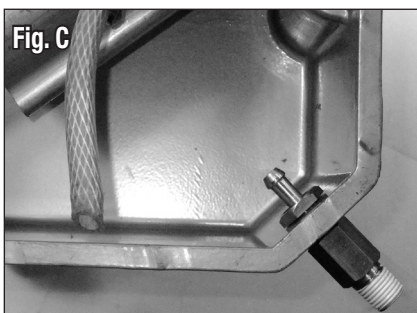
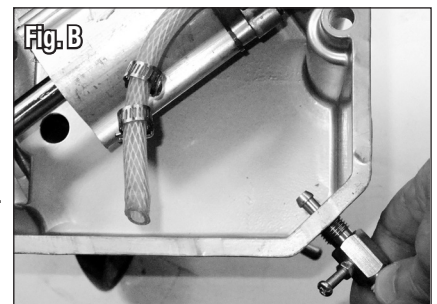
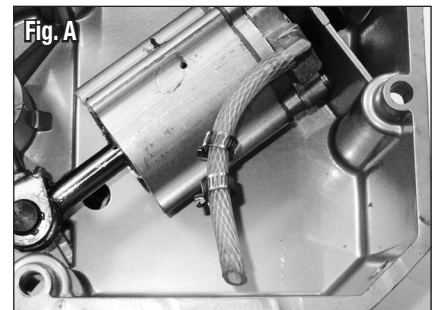
- (1) Paint Shaker
- (1) Air Inlet Ball Valve
- (2) Hose Clamps
- (1) Roll of Teflon® Thread Tape
- (1) Angle Adjustment Valve/Bulkhead Pipe-Hose Fitting with Nut

SPECIFICATIONS

- Air Inlet Thread Size: 1/4" FNPT
- Speed: Max. 700 Cycles per Minute with 1 Gallon (16lbs. max.)
- Maximum Pressure: 95 PSI [6.5 bar] / Air Consumption: 4.3 CFM [122 cmm]

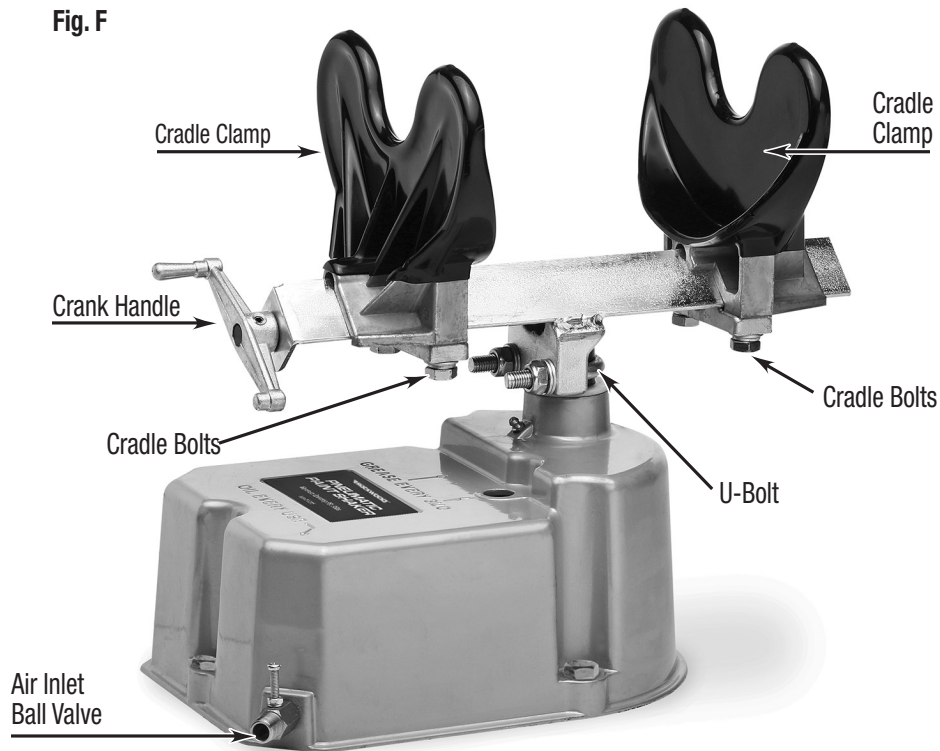
ASSEMBLY

- Turn the Paint Shaker upside down on a soft surface and allow it to rest on the Cradle Clamps.
- Place 2 Hose Clamps over the Hose (**Fig A**).
- With the hose nipple pointing inward, thread the Angle Adjustment Valve/Bulkhead Pipe-Hose Fitting into the threaded hole in the wall of the Paint Shaker base (**Fig B**).
- Thread the Nut over the portion of the Adjustment Valve/Bulkhead Pipe-Hose Fitting thread protruding through the Paint Shaker wall and tighten (**Fig C**). **Note:** Be sure the Angle Adjustment Screw is oriented toward the floor at this point (upward position when Paint Shaker is upright).
- Slip the open end of the Hose over the nipple Angle Adjustment Valve/Bulkhead Pipe-Hose Fitting (**Fig D**). **Note:** The hose may be a tight fit over the nipple, an application of a light lubricating fluid will ease this step.
- Tighten both Hose Clamps securely (**Fig D**).
- Using Teflon thread-sealing tape (included), wrap the exposed Angle Adjustment Valve/Bulkhead Pipe-Hose Fitting threads and thread on the Air Inlet Ball Valve (**Fig E**). **Caution: These are tapered NPT threads, do not overtighten to avoid component damage.**



SET UP & CONNECTION

- Unit must be securely mounted on a heavy, solid workbench, stand, floor etc, capable of holding the static weight of the unit and a full gallon (40 lbs. [18 kg]) plus the stresses from rapidly vibrating operation. The use of 1/2" through bolts & nuts or longer lag screws with substantial washers and attachment to a structural member is absolutely necessary.
- Place the Paint Shaker unit over the chosen location then trace the footprint and mark mounting hole locations. **NOTE:** A certain amount of moisture and excess lubricant may be expelled from the drainage hole of the Air Cylinder. Drilling an additional hole for drainage is advisable.
- It is best to locate the Paint Shaker as close to your compressor as possible to minimize PSI and CFM drop through additional hoses and fittings.
- Using TFE thread-sealing tape (included), wrap the Air Inlet Valve threads and attach to the inlet port of the Paint Shaker. **CAUTION:** These are tapered NPT threads, do not overtighten to avoid component damage.



OPERATION

PLACING PAINT CAN INTO CRADLE:

- Disconnect air supply and be sure the Inlet Valve is in the "off" position.
 - To open Paint Can Cradle to accommodate a paint can, rotate the Crank Handle in a Counter-Clockwise direction.
 - Gently place the paint can in the Cradle lying on it's side. Be sure it is equally and fully seated in both Cradle Clamps (**Fig F**).
 - Rotate Crank Handle in a Clockwise direction to tighten around paint can.
- NOTE:** Both Cradle Clamps will move equally and quickly toward the paint can, DO NOT overtighten or the paint can may be crushed causing leakage.

SHAKING PAINT:

- Re-connect air supply then slowly and carefully open Air Inlet Valve to the "On" position.
- Observe carefully to see that the Paint Shaker is not loosely mounted and that the paint can is securely clamped in the Cradle. If excessive vibration is observed, shut off Air Inlet Valve immediately and disconnect from air supply.
- Let Paint Shaker operate for 2 minutes then shut off Air Inlet Valve, loosen Cradle Clamps and remove paint can. **NOTE:** Some paints formulated with high-solids resins or heavy metallic pigments may have accumulated deposits in the bottom of the can. The Paint Shaker will not dislodge these deposits and they must be manually broken up and stirred before being shaken.

MAINTENANCE

LUBRICATION

- Air Cylinder - Add several drops of a good quality air tool oil before each use into the Air Inlet or use an automatic oiler. This is important to prevent seizing of the internal actuating Air Cylinder.
- Pivot points – Using good quality automotive chassis grease dispensed with a Zerk fitting compatible grease gun, pump a small amount of grease into the Zerk fittings as shown (**Fig G**).

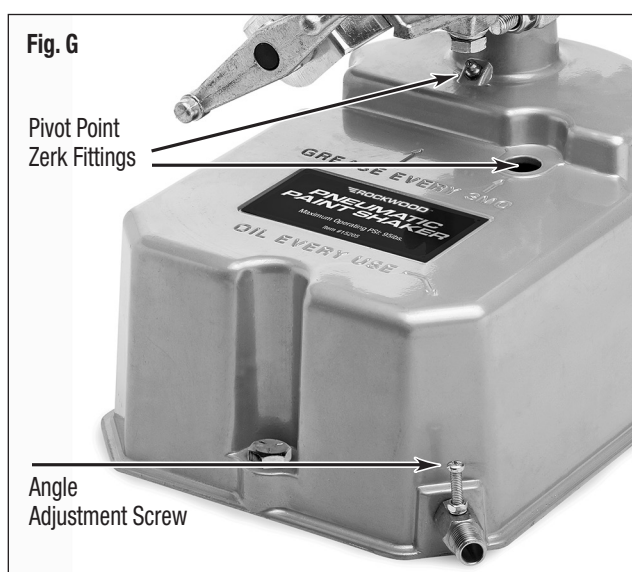
ROTATION ADJUSTMENT

The Paint Shaker is adjusted from the factory to provide 15° side-to-side (30° total) rotational travel. If the rotation angle should ever require adjustment, loosen lock nut and turn Adjustment Screw (**Fig G**) in to reduce angle, turn it out to increase angle. Re-tighten locknut.

CHECK HARDWARE

The Paint Shaker vibrates violently during operation which can loosen hardware.

Check mounting bolts, U-bolt clamps and Cradle mount bolts for tightness before each use and re-tighten if necessary.



If you have any questions about the use of this product, please contact
Eastwood Technical Assistance Service Department: 800.544.5118 >> email: techelp@eastwood.com
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