Operation manual and security instructions inside the box.

Use safety glasses.

Keep this tool away from children.

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fordmotorcompany.com

Importer: Zhong Nan Trading CO., Gompertsstraat nr. 78-80, Suriname
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AIR GRAVITY SPRAY GUN
FAT-0111

1 APPLICATION
An air gravity spray gun is ideal for refinishing a wide variety of home improvement projects. This high pressure paint sprayer features fluid and fan controls to offer a wide variety of patterns. It is not designed for commercial use.

WARNING! Please read and understand this operating manual before use and keep it for your future reference. Your power tool should only be passed on together with these instructions.

2 DESCRIPTION (FIG A)
1. Nozzle, needle and air cap
2. Needle adjustment knob
3. Air flow adjustment knob
4. Pattern adjustment knob
5. Air inlet plug
6. Aluminium cup
7. Trigger

3 PACKAGE CONTENT LIST
- Remove all packing materials
- Remove remaining packaging and transit supports (if existing)
- Check the completeness of the packing content
- Check the appliance, the power cord, the power plug and all accessories for transportation damages.
- Keep the packaging materials as far as possible till the end of the warranty period. Dispose it into your local waste disposal system afterwards.

WARNING Packing materials are no toys! Children must not play with plastic bags! Danger of suffocation!

1 x Spray gun
1 x Aluminium cup 350cc
1 x Wrench
1 x Brush
1 x Hose tail
1 x Hex nut
1 x Manual

When parts are missing or damaged, please contact your dealer.
4 SAFETY INSTRUCTIONS

- For toxic vapors produced by spraying certain materials can create intoxication and serious damage to health. Always wear safety glasses, gloves and respirator to prevent the toxic vapor hazard, solvent and pointing paint coming into contact your eyes or skin. (see fig 1)
- Never use oxygen, combustible or any other bottle gas as a power source or would cause explosion and serious personal injury. (see fig 2)
- Fluid and solvent can be highly flammable or combustible. Pls Use the tool only in well-ventilated area, and avoid any ignition sources, such as smoking, open flames and decrila hazard. (see fig 3)
- Disconnect tool from air supply hose before doing tool maintenance and during non-operation, for emerge stop and prevention of unintended operation, a ball valve near the gun to air supply is recommend.
- Use clean, dry and regulate compressed air rated at 3.0-4.0bar, never exceed maximum permissive operating pressure 8.3bar (120psi) (see fig 4)
- Never use homogenate hydrocarbon solvent, which can chemically react with aluminum and zinc parts and chemically compatible with Alum. and zinc parts.
- Never point gun at you and others at any time.
- Before operating the tool, make sure all the screws & caps are securely tightened in case of leaking;
- Before painting, make inspection for free movement of trigger and nozzle to insure tool can operate well.
- Never modify this tool for any other applications. Only use parts, nozzles and accessories recommended and accessories recommended by manufactures.

5 INSTRUCTIONS FOR OPERATION

5.1 Preparation
1. After unpacking the product, inspect carefully for any damage that may have occurred during transit. Make sure to tighten fittings, bolts, etc., before putting unit into service.
2. Thoroughly mix and thin paint in accordance with the paint manufacturer’s instructions. Most materials will spray readily if thinned properly.
3. Strain material through filter, cheese cloth or a paint strainer.
4. Fill the canister about ¾ full and start the air compressor.

WARNING DO NOT EXCEED Maximum Pressure of Spray Gun or any other parts in the compressor system.

5. After Connect the gun to air supply, please make sure that the fluid cap, container and air hose have been connected tightly with spray gun.
6. Set up a piece of cardboard or other scrap material to use as a target and adjust for best spray pattern.

WARNING Never aim or spray at yourself or anybody else which would cause serious injury.
7. Test the consistency of the material by making a few strokes on a cardboard target. If material still appears too thick, add a small amount of thinner. THIN WITH CARE! Do not exceed paint manufacturer’s thinning recommendations.

5.2 Adjustment
The desired pattern, volume of fluid output and fine atomization can easily be obtained by regulating the Pattern Adjusting Knob, Fluid (PAINT) Adjusting Knob.
5.2.1 Pattern adjustment:
Turning pattern adjusting knob to the right till the end will make spray pattern round, or turning left will make spray pattern ellipse.

5.2.2 Fluid (paint) adjustment:
Turning the paint adjusting knob clockwise will decrease the volume of fluid output and counter-clockwise will increase fluid output.

5.2.3 Operation
1. Begin spraying. Always keep the gun at right angles to the work.
2. Keep the nozzle about 6 to 12 inches from the work surface. Grip the gun keeping perpendicular with spraying area then move it parallel for several times. Stopping gun movement in mid-stroke will cause a build up of paint and result in runs. Do not fan the gun from side to side while painting. This will cause a build-up of paint in the center of the stroke and an insufficient coating at each end.
3. Trigger the gun properly. Start the gun moving at the beginning of the stroke BEFORE SQUEEZING THE TRIGGER and release the trigger BEFORE STOPPING GUN MOVEMENT at the end of the stroke. This procedure will blend each stroke with the next without showing overlap or unevenness.
4. The amount of paint being applied can be varied by the speed of the stroke, distance from the surface and adjustment of the fluid control knob.
5. Overlap strokes just enough to obtain an even coat.

NOTE: Two thin coats of paint will yield better results and have less chance of runs than one heavy layer.

6. Use a piece of cardboard as a shield to catch overspray at the edges of the work to protect other surfaces.

| 1: Coating will be light at this point. | 1: Start stroke |
| 2: Coating will be heavy at this point | 2: Pull trigger |
| 3: 6 to 12 inches | 3: 6 to 12 inches |
| 4: Release trigger | 4: Release trigger |
| 5: End of stroke | 5: End of stroke |
| 6: Coating should be even and wet when spraying | 6: Coating should be even and wet when spraying |
6 MAINTENANCE

⚠️ Incomplete cleaning could cause function failures and a degradation of the fan form.

- Remove any remaining paint by pouring it into another container.
- Disassemble the spray gun making sure to remove the needle before disassembling the nozzle to avoid damage to the housing of the nozzle closure.
- Clean all the paint passages and the nozzle. Clean the other components using a brush soaked in solvent.
- Reassemble the spray gun and spray a small quantity of solvent to eliminate all the residues in the paint passages.

⚠️ Warning: Never use metal or other objects that could damage the holes in the nozzle and cap. never immerse the spray gun completely in solvent. never use components or parts that are not manufacturer originals.

7 STORING

- When not using spray gun, turn the fluid adjustment knob counter-clockwise to open which will reduce spring tension on needle fluid tip.
- Spray gun MUST BE well cleaned and lightly lubricated.

8 TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>FAT-0111</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air inlet</td>
<td>¼”</td>
</tr>
<tr>
<td>Type of feed</td>
<td>Gravity</td>
</tr>
<tr>
<td>Standard diameter of nozzle</td>
<td>1.5mm</td>
</tr>
<tr>
<td>Recommended air pressure</td>
<td>3.0-4.0bar (44-58psi)</td>
</tr>
<tr>
<td>Max. pressure of air</td>
<td>5bar / 72.5psi</td>
</tr>
<tr>
<td>Paint capacity</td>
<td>350cc</td>
</tr>
<tr>
<td>Avg. air consumption</td>
<td>3-8cfm</td>
</tr>
<tr>
<td>Pattern width</td>
<td>170-280mm</td>
</tr>
</tbody>
</table>
## 9 TROUBLE SHOOTING

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Problems</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluttering or spitting</td>
<td>Material level tool low.</td>
<td>Add material into container.</td>
</tr>
<tr>
<td></td>
<td>Container tipped too far.</td>
<td>Hold more upright.</td>
</tr>
<tr>
<td></td>
<td>Loose fluid inlet connection.</td>
<td>Tighten.</td>
</tr>
<tr>
<td></td>
<td>Loose or damaged fluid tip/seat.</td>
<td>Adjust or replace.</td>
</tr>
<tr>
<td></td>
<td>Dry or loose fluid needle packing nut.</td>
<td>Lubricate and or tighten.</td>
</tr>
<tr>
<td></td>
<td>Air vent clogged.</td>
<td>Clear vent hole.</td>
</tr>
<tr>
<td>Pattern is arc.</td>
<td>Worn or loose Fluid nozzle.</td>
<td>Tighten or replace Fluid nozzle.</td>
</tr>
<tr>
<td></td>
<td>Material build up on Air cap.</td>
<td>Remove obstructions from holes, but don't use metal objects to clean it.</td>
</tr>
<tr>
<td>Pattern is not Evenly spread.</td>
<td>Material build up on Air cap.</td>
<td>Clean or replace Air cap.</td>
</tr>
<tr>
<td></td>
<td>Fluid nozzle dirty or worn.</td>
<td>Clean or replace Fluid nozzle.</td>
</tr>
<tr>
<td>The center of Pattern too narrow.</td>
<td>Material too thin or not enough.</td>
<td>Regulate material viscosity.</td>
</tr>
<tr>
<td></td>
<td>Atomization air pressure too high.</td>
<td>Reduce air pressure.</td>
</tr>
<tr>
<td>Pattern width of fan-sharp is not enough.</td>
<td>Material too thick.</td>
<td>Regulate material viscosity.</td>
</tr>
<tr>
<td></td>
<td>Atomization air pressure too low.</td>
<td>Increase air pressure.</td>
</tr>
<tr>
<td>Air leaking from air cap without pulling trigger</td>
<td>Sticking air valve stem</td>
<td>Lubricate</td>
</tr>
<tr>
<td></td>
<td>Contaminate on air valve or seat</td>
<td>Clean</td>
</tr>
<tr>
<td></td>
<td>Worn or damaged air valve or seat</td>
<td>Replace</td>
</tr>
<tr>
<td></td>
<td>Broken air valve spring</td>
<td>Replace</td>
</tr>
<tr>
<td></td>
<td>Bent valve stem</td>
<td>Replace</td>
</tr>
<tr>
<td>Fluid leaking from packing nut</td>
<td>Packing nut loose</td>
<td>Tighten, but do not restrict needle</td>
</tr>
<tr>
<td></td>
<td>Packing worn or dry</td>
<td>Replace or lubricate (non-silicone oil)</td>
</tr>
</tbody>
</table>
### Symptom  | Problems                                      | Solution                                      |
---        |----------------------------------------------|-----------------------------------------------|
Excessive overspray | Too high atomization pressure                | Reduce pressure                               |
           | Too far from work surface                    | Adjust to proper distance                      |
           | Improper stroking (arching, gun motion too fast) | Move at moderate pace, parallel to surface.    |
Will not spray | No pressure at gun                            | Check air lines                               |
           | Fluid control not open enough                | Open fluid control                            |
           | Fluid too heavy                              | Thin fluid or change to pressure feed system. |

### 10 ENVIRONMENT

Should your machine need replacement after extended use, do not put it in the domestic waste but dispose of it in an environmentally safe way.
# 11 DECLARATION OF CONFORMITY

Zhong Nan Trading CO., Gompertsstraat nr.78-80, Suriname, declares that,

- **Product:** Air gravity spray gun
- **Trade mark:** Ford-tools
- **Model:** **FAT-0111**

Is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

**European Directives (including, if applicable, their amendments):**
- 2006/42/EC The Machinery Directive

**European harmonized standards (including, if applicable, their amendments):**
- EN1953: 1998

**Keeper of the technical documentation:**
Zhong Nan Trading CO., Gompertsstraat nr.78-80, Suriname

**The undersigned acts on behalf of the company management,**

- **Wu Shaohuai**
- General Manager
- Date: 1/06/2015