QUICK START GUIDE

Impact™ 1040T — Electric Piston Airless Texture & Paint Sprayer

The Impact 1040T is specially designed to apply a wide variety of interior texture finishes and primers & finish quality paints. It sprays texture products in ready-mix or powdered formulations for decorative finishes such as orange peel, splatter & knockdown. In addition, spray skim coat in a level 5 finish.

MODEL NUMBER: 2405360

- Submersed inlet valve fluid section uses ceramic ball valves for smooth, uninterrupted application of joint compound and other heavy bodied materials
- Exclusive fluid section design eliminates the need for a wearable cylinder
- Use of the Splatter Nozzle and user supplied air compressor is necessary for creating textured finishes
- Cannot spray aggregated materials
- Covered by the WearGuard™ Warranty

NOTE: THIS QUICK START GUIDE IS NOT A SUBSTITUTE FOR THE PRODUCT USER MANUAL

NOTE: This sprayer comes with a filter plug installed in place of the filter assembly. Use this filter plug when spraying textured products from a ready-mixed or powdered formulation. The filter parts are included with the sprayer in the tool box and can be installed when spraying standard materials (refer to the Filter Parts in the Parts List section of this manual).

SETUP

Perform the following procedure before plugging in the power cord of an electric sprayer.

NOTE: If the sprayer will be used for spraying textured products, removal of the inlet screen in the foot valve may be necessary. This will allow proper priming and flow of the textured product. Refer to "Cleaning the Inlet Screen" in the Cleanup section of this manual for removal instructions.

1) Using a wrench, attach a minimum of 50' of 1/4" nylon airless spray hose to the outlet fitting on the sprayer. Tighten securely.
2) Attach an airless spray gun to the spray hose. Using two wrenches (one on the gun and one on the hose), tighten securely. Make sure all airless hoses and spray guns are electrically grounded and rated at or above the maximum operating pressure range of the airless sprayer.
3) Make sure the pressure control knob is in its OFF position in the black zone.
4) Fill the oil cup with one tablespoon of piston seal lubricant (Piston Lube).
5) Make sure the electrical service is 120V, 15 amp minimum & plug the power cord into a properly grounded outlet at least 25' from the spray area.

Always use a minimum 12 gauge, three-wire extension cord with a grounded plug. Never remove the third prong or use an adapter.

SPRAYING

1) Prepare the material to be sprayed according to the guidelines given by the material manufacturer.
2) Place the foot valve into a container of material.
3) Place the return hose into a metal waste container.
4) Set the pressure to minimum by turning the pressure control knob to the "Min" setting in the yellow zone.
5) Move the PRIME/SPRAY valve down to the PRIME position.

NOTE: Hold the return hose in the waste container when moving the PRIME/SPRAY valve to PRIME in case the sprayer is pressurized.

6) Turn on the sprayer by moving the ON/OFF switch to the ON position.
7) Allow the sprayer to run until material is coming through the return hose into the metal waste container.
8) Turn off the sprayer by moving the ON/OFF switch to the OFF position.
9) Remove the return hose from the waste container and place it in its operating position above the container of material.
10) Move the PRIME/SPRAY valve up to the SPRAY position.
11) Turn on the sprayer.
12) Unlock the gun by turning the gun trigger lock to the unlocked position.

Ground the gun by holding it against the edge of the metal container while flushing. Failure to do so may lead to a static electric discharge, which may cause a fire.

13) Trigger the gun into the metal waste container until all air and solvent is flushed from the spray hose and material is flowing freely from the gun.
14) Lock the gun by turning the gun trigger lock to the locked position.
15) Turn off the sprayer.
16) Attach tip guard and tip to the gun as instructed by the tip guard or tip manuals.

NOTE: When spraying textured products, the use of a splatter nozzle on the spray gun may be necessary. The splatter nozzle adds atomizing air to the fluid stream to create the desired material consistency. Refer to the Splatter Nozzle Instruction Sheet (P/N 313-2468) for detailed instructions.

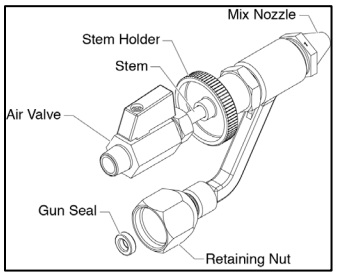
17) Turn on the sprayer.
18) Increase the pressure by turning the pressure control knob slowly clockwise toward the green zone and test the spray pattern on a piece of cardboard. Adjust the pressure control knob until the spray from the gun is completely atomized. Try to keep the pressure control knob at the lowest setting that maintains good atomization.

Splatter Nozzle Introduction

The splatter nozzle accessory enables a standard airless spray gun to spray a textured pattern. The equipment needed to use the splatter nozzle includes an airless spray gun, airless sprayer, and air compressor. Through the use of separate fluid pressure and air pressure controls, precise, consistent, and repeatable textured finishes can be achieved.

EQUIPMENT REQUIREMENTS

- **Airless Sprayer — minimum output of 1.0 gallons per minute**
- **Air Compressor — minimum air flow of 4.0 CFM to 12 CFM at full open**



SETUP

WARNING - Never attempt to assemble, change, or clean a spray gun, tip, or accessory without first relieving pressure from the spray system. Follow the "Pressure Relief Procedure" in the sprayer's Owner's Manual.

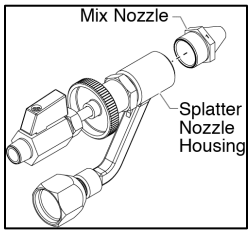
WARNING - Always engage gun trigger lock when the gun is not in use. Before servicing equipment, consult Owner's Manuals and follow all warnings.

1) **Set up the sprayer. Refer to the instructions in the sprayer's Owner's Manual.**
2) **Set up the air compressor. Refer to the instructions in the compressor's Owner's Manual.**
3) **Set up the spray gun. Refer to the instructions in the spray gun's Owner's Manual. Do not attach the tip guard to the spray gun.**
4) **Perform the "Pressure Relief Procedure" described in the sprayer's Owner's Manual.**
5) **Make sure the gun seal is in position in the splatter nozzle retaining nut and thread the retaining nut onto the diffuser of the spray gun. Tighten securely. Attach 1/4" compressor air hose to the splatter nozzle air valve.**

OPERATION

1) **Start the sprayer (refer to the instructions in the sprayer's Owner's Manual). Set the fluid pressure between 500–1500 PSI as a starting point.**
2) **Start the air compressor (refer to the compressor's Owner's Manual). Set the air pressure between 30–60 PSI as a starting point.**
3) **Open the air valve on the splatter nozzle.**
4) **Trigger the spray gun onto a test area to check the operation of the splatter nozzle. The material and the air mix together in the mix nozzle to create the final material consistency that is applied to the surface.**
5) **To obtain the desired material consistency, perform the following steps:**
   a) **Adjust the fluid pressure and/or air pressure**
   b) **Loosen the stem holder and slide the stem toward the front of the gun. This will move the air nozzle inside the housing closer to the mix nozzle and decrease the size of the material particles in the mix nozzle. Tighten the stem holder.**
   c) **Loosen the stem holder and slide the stem backward, away from the front of the gun. This will move the air nozzle inside the housing further away from the mix nozzle and increase the size of the material particles inside the mix nozzle. Tighten the stem holder.**
   d) **Change the air nozzle and/or the mix nozzle to a different size. Refer to the procedures below to change the nozzles.**

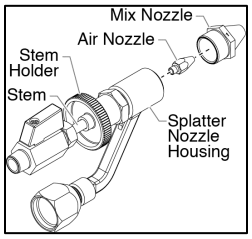
NOTE: The splatter nozzle comes with the standard size mix nozzle and air nozzle installed. To increase the size of the material particles, use optional mix nozzle 2 (0.240") or mix nozzle 3 (0.312") as well as optional air nozzle B (0.102") (refer to the Parts List section).



CHANGING THE MIX NOZZLE

The mix nozzle can be changed with a different size mix nozzle, if desired. Use the following procedure to change the mix nozzle.

1) **Perform the "Pressure Relief Procedure" described in the sprayer's Owner's Manual.**
2) **Move the trigger lock on the spray gun to the locked position.**
3) **Using a wrench, loosen and remove the mix nozzle from the splatter nozzle housing.**
4) **Thread a new mix nozzle into the splatter nozzle housing. Tighten securely.**



CHANGING THE AIR NOZZLE

The air nozzle can be changed with a different size air nozzle, if desired. Use the following procedure to change the air nozzle.

1. **Perform the "Pressure Relief Procedure" described in the sprayer's Owner's Manual.**
2. **Move the trigger lock on the spray gun to the locked position.**
3. **Using a wrench, loosen and remove the mix nozzle from the splatter nozzle housing.**
4. **Loosen the stem holder and slide the stem all the way toward the front of the gun.**
5. **Using a wrench, loosen and remove the air nozzle from the stem.**
6. **Thread a new air nozzle into the stem. Tighten securely.**
7. **Slide the stem backward, away from the front of the gun to its original position. Tighten the stem holder securely.**
8. **Thread the mix nozzle into the splatter nozzle housing. Tighten securely.**

CLEANUP

NOTE: The sprayer, hose, and gun should be cleaned thoroughly after daily use. Failure to do so permits material to build up, seriously affecting the performance of the unit.

WARNING - Never attempt to assemble, change, or clean a spray gun, tip, or accessory without first relieving pressure from the spray system. Follow the "Pressure Relief Procedure" in the sprayer's Owner's Manual.

WARNING - Always spray at minimum pressure with the gun nozzle tip removed when using mineral spirits or any other solvent to clean the sprayer, hose, or gun. Static electricity buildup may result in a fire or explosion in the presence of flammable vapors.

Maintaining a clean splatter nozzle is important to ensure trouble-free operation. Flush the splatter nozzle after each use and store in a dry location. Do not leave the splatter nozzle or any of its parts in water or solvents. Clean the spray gun and sprayer according to the instructions in their Owner's Manuals.

SPECIAL CLEANUP INSTRUCTIONS FOR USE WITH FLAMMABLE SOLVENTS:

- **Always flush spray gun preferably outside and at least one hose length from spray pump.**
- **If collecting flushed solvents in a one gallon metal container, place it into an empty five gallon container, then flush solvents.**
- **Area must be free of flammable vapors.**
- **Follow all cleanup instructions.**

CLEANING THE SPRAYER

1. **Follow the "Pressure Relief Procedure" found in the Operation section of this manual.**
2. **Remove the gun tip and tip guard and clean with a brush using the appropriate solvent.**
3. **Place the siphon tube into a container of the appropriate solvent. Examples of the appropriate solvent are water for latex paint or mineral spirits for oil-based paints.**
4. **Place the return hose into a metal waste container.**
5. **Move the PRIME/SPRAY valve down to its PRIME position.**

NOTE: Hold the return hose in the waste container when moving the PRIME/SPRAY valve to PRIME in case the sprayer is pressurized.

6. **Set the pressure to RAPID CLEAN by turning the pressure control knob to its RAPID CLEAN position.**
7. **Turn on the sprayer by moving the ON/OFF switch to the ON position.**
8. **Allow the solvent to circulate through the unit and flush the paint out of the return hose into the metal waste container.**
9. **Turn off the sprayer by moving the ON/OFF switch to the OFF position.**
10. **Move the PRIME/SPRAY valve up to its SPRAY position.**
11. **Turn on the sprayer.**

WARNING - Ground the gun by holding it against the edge of the metal container while flushing. Failure to do so may lead to a static electric discharge, which may cause a fire.

12. **Trigger the gun into the metal waste container until the paint is flushed out of the hose and solvent is coming out of the gun.**
13. **Continue to trigger the spray gun into the waste container until the solvent coming out of the gun is clean.**

NOTE: For long-term or cold weather storage, pump mineral sprits through the entire system.

For short-term storage when using latex paint, pump water mixed with Titan Liquid Shield through the entire system (see the Accessories section of this manual for part number).

14. **Follow the "Pressure Relief Procedure" found in the Operation section of this manual.**
15. **Unplug the unit and store in a clean, dry area.**

NOTE: Do not store the unit under pressure.