

# START-UP PROCEDURE

**WARNING:** High pressure device, thoroughly read and understand the warning section located in the owner's manual and the label on the sprayer.

**IMPORTANT:** Whenever starting or cleaning a petrol sprayer, always reduce engine or motor speed. Additionally, never operate this sprayer for more than 10 seconds without pumping fluid; this can cause unnecessary wear to the packings.  
**Do not operate dry.**

- Step 1:** Before you plug in the power cord to the electrical outlet or start the gas engine, do the following:
- Tighten suction and return hoses, then install a minimum of 15 meters of nylon airless spray hose and airless gun. Do not install tip yet, or remove if installed. **WARNING:** If you are supplying your own hoses and spray gun, be sure they are electrically grounded and rated for at least 210 bar working pressure, and that the gun has a tip guard. This is to reduce the risk of serious bodily injury caused by static sparking and fluid injection or overpressurization, causing a component rupture.
  - Preset pressure control by turning the pressure control knob counterclockwise to lowest setting.
  - Place on-off switch in the off position.
  - Be sure to fill the Wet Cup 1/3 full with Piston Seal Lubricant.

## Step 2E: ELECTRIC MOTOR

- Check electrical service. Be sure it is properly grounded.
- Plug electrical cord into a grounded outlet that is at least 7.5 meters from the spray area. **Make certain that all extension cords are 2,5 mm<sup>2</sup> minimum and that the cord is grounded. Never remove third prong or use an adaptor. Never exceed 130 meters of extension cord.**
- If a secondary hose and gun is not installed be sure the plug is secure.
- Place the suction tube into container containing mineral spirits.
- Warning-If the power supply cord of this unit is damaged it must be replaced by a Titan OEM replacement power cord or an equivalent rated cord set. Return this unit to a service center for repair.

## Step 2G: GAS ENGINE (Where Applicable)

- Check the engine oil level.
- Fill the gas tank. Be sure the engine is cool. Refueling a hot engine could cause a fire. Close the black fuel shut off lever located under the air cleaner. **Use unleaded high quality gasoline.**
- Place the suction tube into container containing mineral spirits.
- Open the fuel shut off lever by pushing it in the direction of the arrow.
- Move the throttle lever away from fuel tank.
- Close the engine choke lever, located beneath the air cleaner.
- Turn the engine switch on. Turn pressure relief prime valve to prime position.
- Pull the starter rope.

- Step 3:** Flush oil out of new paint pump: Oil is used by the factory for testing and protection. It is necessary to flush out with mineral spirits before you begin to spray.
- Pour 2 liters mineral spirits into a metal container and insert syphon and return tube.
  - Turn pressure relief prime valve to prime position and turn unit on. Increase pressure slightly. Let solvent cycle for approximately 30 seconds. Then tilt syphon tube above container and let the sprayer pump itself dry. Then turn unit off. If you are going to use water based paints, repeat procedure using water.



Lock position



Remove Tip and Safety Guard when flushing

**Step 4:** Prepare the paint according to manufacturer's recommendations.

**Step 5:** Place syphon and return tubes into paint container. Turn pressure relief priming knob, located on side of pump, for priming.

**Step 6:** Turn sprayer on and turn up pressure slightly. Let circulate on prime until no bubbles filter up through the paint.

**Step 7:** Hold gun firmly against a metal container, disengage trigger lock and trigger gun against side of container. Then, while gun is triggered, turn the pressure relief valve to the spray position. Keep the gun triggered until all the air is forced out of the system and the paint flows freely. Release the trigger and engage gun safety lock; set gun down while unit pressurizes.

**Step 8:** With gun trigger lock engaged, install tip and guard as instructed in separate tip or gun manual.

**Step 8:** Turn prime valve and remove suction tube from cleaning container. Turn unit on and allow sprayer to pump dry.

## FLUSHING SPECIFICATIONS

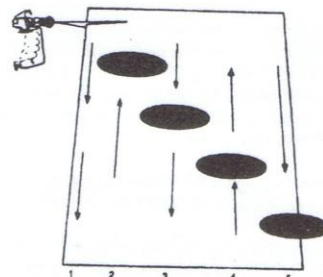
- Storage:** To assure proper performance and long life, always clean the sprayer thoroughly before storing.
  - Water-Base Paint:** Flush with water, then mineral spirits and leave the pump, gun and hose filled with mineral spirits. Shut off and unplug the sprayer and turn pressure relief prime valve to prime to relieve pressure. Return prime valve to spray position.
  - Oil-Base Paint:** Flush with mineral spirits. Follow water-base instructions.

## APPLICATION TECHNIQUES

### FOR BEST RESULTS.

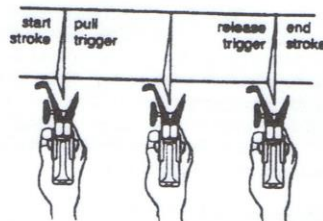
Hold the gun perpendicular to the surface and always at equal distance - 24 to 36 cm - from the surface.

Move the gun either across or up and down the surface at a consistent speed. This conserves material and provides even coverage. **PROPER LAPPING** (overlap of spray pattern) is essential to an even finish.



Maintain uniform spray stroke action. Spray alternately from left to right and right to left. Begin movement of the gun before the trigger is pulled.

### Proper Technique



## CLEANING PROCEDURE

### PRESSURE RELEASE PROCEDURE:

**Step 1:** Engage trigger safety lock on gun.

**Step 2:** Turn off pump and release fluid pressure by turning the pressure relief prime valve located on the side of pump down.

### LOW PRESSURE CLEANING PROCEDURE:

**Step 3:** Remove tip and let soak clean, in a small container of solvents or water. Adjust fluid pressure to lowest possible setting.

**Step 4:** Turn the pump on. Tilt syphon tube above paint container, allowing the sprayer to pump itself dry through the return tube.

**Step 5:** Have available container of cleaning solution

**Step 6:** Place syphon tube into container with cleaning solution. Let circulate for 2-3 minutes, then turn unit off.

**Step 7:** Trigger gun and let cleaning solution circulate for approximately 2-3 minutes, then turn unit off.