



Pneumatic Air Spray Gun Application Instructions

for Atomized Mist Application of PermaSafe CLEAN™ Step 1 & PermaSafe SHIELD™ Step 2

1. Install a *male-to-female* air fitting, that is compatible with your shop's air couplers, to the *male* fitting that is pre-installed to the bottom of the air gun – do not remove or replace the pre-installed fitting.

2. Spray Gun Reset:

- a) Adjust DIAL 1 (bottom) clockwise - all the way "in" (closed)
- b) Adjust DIAL 2 (side) clockwise - all the way "back" (stream)
- c) Adjust DIAL 3 (back) clockwise - all the way "in" (closed)

TIP: Mark the current positions of each knob after the above adjustments with a permanent marker.

3. Spray Gun Calibration for PermaSafe Application:

- a) Adjust DIAL 1 counter-clockwise 180* (1/2 turn) outward to increase air flowrate.
- b) Adjust DIAL 2 counter-clockwise 120* (1/3 turn) to achieve a more fan/spray pattern.
- c) Adjust DIAL 3 counter-clockwise 180* (1/2 turn) outward to increase liquid volume.

NOTE: This setting should provide the optimum fine mist or "Fog." Fine tune the Control Knob if needed. At this setting, the Fogger will empty the contents of an 8 ounce bottle of PermaSafe CLEAN™ or SHIELD™ from its Reservoir Tank in approximately 7 minutes.

4. Attach reservoir to the top of the spray gun by threading into the receptacle on top.

5. Prepare the Vehicle for Treatment:

- a) Before beginning the Application Process, prepare the vehicle's passenger cabin and trunk/storage areas for treatment by removing all objects and contents that are not part of, and attached to, these vehicle areas.
- b) Remove all floor mats and set aside for simultaneous treatment outside of the vehicle.
- c) The vehicle's cabin, trunk and floor mats should be free of all visible contamination, such as soil, sand, ashes, dust and any other wet or dry substances that may prevent proper treatment or product adhesion. Dirty, soiled or wet areas should be vacuumed, cleaned and/or dried as needed.

6. Apply Step 1, PermaSafe CLEAN:

Note: Wear protective eyewear and gloves when using these products.

- a) Pour the entire contents of the 8 ounce bottle of Step 1, PermaSafe CLEAN into the clean, dry Reservoir of the spray gun.
NOTE: It is not necessary to use the entire 8 ounces of PermaSafe CLEAN for every vehicle. Should you have unused product remaining in the Fogger Reservoir after treating a vehicle's interior, return it to its original bottle for future use or properly dispose of it.
- b) Open all vehicle doors and trunk to provide ventilation and quick access to all areas. To ensure thorough coverage, also open all interior compartments, such as the vehicle's glovebox, center console, ash tray, etc.
- c) Apply PermaSafe CLEAN to entire interior, maintaining a distance of 12"-18" between sprayer nozzle and target surface, including instrument panel, doors, turn signal knobs, radio knobs, steering wheel, seats, carpet, dash, headliner, interior trim, etc.
- d) Start engine and run vehicle's air conditioner, setting the blower to its highest fan speed, the air flow direction to "Defrost," and the air mode to "Recirculate."
- e) Lightly fog interior while the air conditioning is running to allow disinfectant to enter air conditioning ductwork.



- f) When application is complete, turn engine off, check interior for any visible liquid residue and wipe off as needed with a clean, dry microfiber towel or rag. Be sure to leave all doors and interior compartments open to better facilitate drying while preparing to apply Step 2, PermaSafe SHIELD.

7. Apply Step 2, PermaSafe SHIELD:

Note: It is not necessary to wait until the just applied PermaSafe CLEAN is completely dry before applying Step 2, PermaSafe SHIELD.

- a) If any PermaSafe CLEAN remains in the Fogger Reservoir, return it to its original bottle for future use or properly dispose of it. Pour the entire contents of the 8 ounce bottle of Step 2, PermaSafe SHIELD into the Fogger Reservoir Tank.

Note: It is not necessary to clean the Fogger Reservoir between the use of PermaSafe CLEAN and PermaSafe SHIELD. It is also not necessary to use the entire 8 ounces of PermaSafe SHIELD for every vehicle. Should you have unused product remaining in the Fogger Reservoir after treating a vehicle's interior, return it to its original bottle for future use or properly dispose of it.

- b) Repeating the steps outlined in "Section B.3 Applying Step 1, PermaSafe CLEAN™," apply PermaSafe SHIELD to entire interior, maintaining a distance of 12" - 18" between Fogger and target surface, including instrument panel, doors, turn signal knobs, radio knobs, steering wheel, seats, carpet, dash, headliner, interior trim, etc.
- c) Start engine and run the vehicle's air conditioner, again setting the blower to its highest fan speed, the air flow direction to "Defrost," and the air mode to "Recirculate."
- d) Lightly fog interior while the air conditioning is running to allow protectant to enter air conditioning ductwork.
- e) When application is complete, check interior for any visible liquid residue and wipe off as needed with a clean, dry microfiber towel or rag. Roll down windows and leave all doors and interior compartments open to better facilitate drying.

NOTE: If possible and if needed, allow engine/air conditioning to continue to run for the next 10 - 15 minutes, with the blower remaining at its highest fan speed setting, in Recirculate mode, but with the air flow direction changed to the Center Vents.

- f) Avoid contact with treated surfaces until Protectant is touch dry. Drying time varies with environmental conditions and extent of ventilation. Protectant fully cures in 24 hours.