⚠ WARNING ⚠

WARNING: Improper use or failure to follow instructions can result in explosive failure causing serious eye or other injury. For safe use of this product you must read and follow all instructions. Do not leave a pressurized sprayer in the hot sun. Heat can cause pressure build-up resulting in possible explosion. Do not store or leave solution in tank after use. Always wear goggles, gloves, long sleeve shirt, long pants and full foot protection when spraying. Never use any tool to remove pump if there is pressure in sprayer. Never stand with face or body over top of tank when pumping or loosening pump to prevent ejecting pump assembly and/or solution from striking and injuring you. Never pressurize sprayer by any means other than the original pump. Do not attempt to modify this sprayer. Replace parts only with manufacturer's original parts. **Never spray flammable, caustic, acidic, chlorine, bleach or other corrosive solutions or heat, pressure, or gas producing chemicals. Always read and follow chemical manufacturer's instructions before use with this sprayer as some chemicals may be hazardous when used with this sprayer.**

Sk-1154-1

WARNING: Handling the brass parts of this product will expose you to lead, a chemical known to the State of California to cause birth defects and other reproductive harm. ***Wash hands after handling.***

HYDRO-FORCE "TWBS" "The World's Best Sprayer"

HYDRO-FORCE

4282 S. 590 W.
Salt Lake City, Utah 84123
1-800-948-1779

Parts



NA1604
Hose



NA 1608
Shut-off Handle



B208
Nozzle 1/4" 8005 BRASS

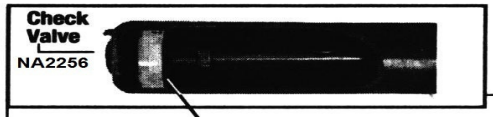


NA 2016
Extension wand

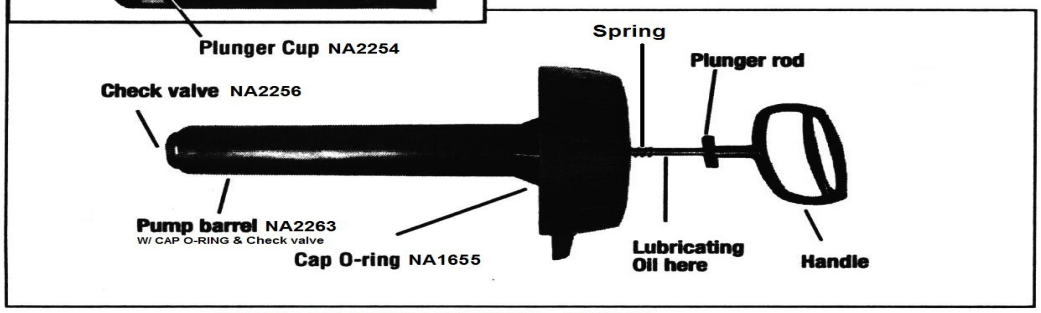


NA1611
Pressure Relief Valve





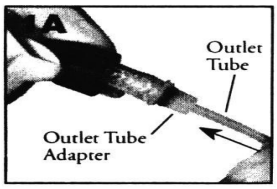
Plunger. Pump barrel interior.

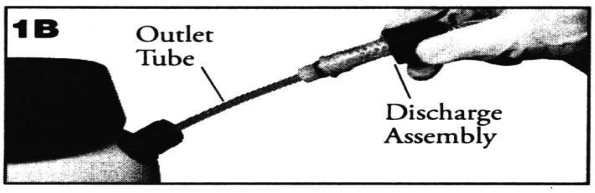


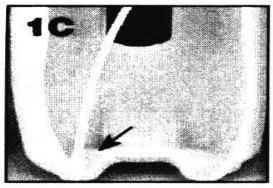
COMPLETE PUMP ASSEMBLY - NA1616
INCLUDES HANDLE, PLUNGER ROD, SPRING, PLUNGER CUP, CAP, CAP O-RING PUMP BARREL & CHECK VALVE

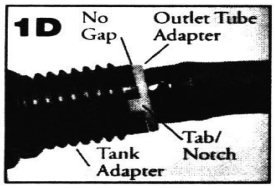
Repair Parts Kit Gaskets and Seals **NA1614**
(Repair kit not included with sprayer - purchased separately.)

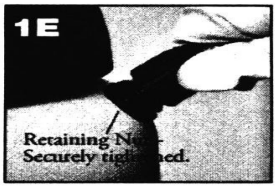
1. Hose to Tank







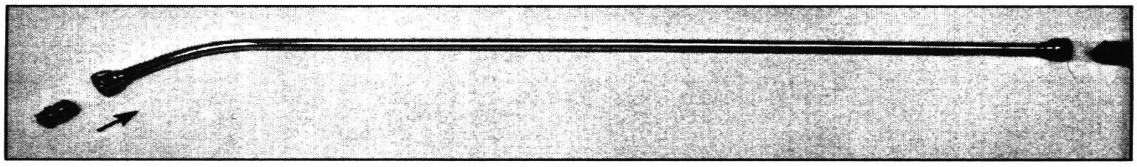




Discharge/ Assembly

- Make sure white outlet tube is attached to outlet tube adapter (Fig. 1A).
- Insert the outlet tube portion of the discharge assembly into the tank adapter (Fig. 1B).
- Proper placement of white outlet tube (Fig. 1C).
- Firmly insert the outlet tube adapter into the tank adapter (Fig. 1D) Lining up tab with notches on the tank adapter.
- Firmly tighten the retaining nut to the tank adapter (Fig. 1E).

2. Nozzle



Attach nozzle to extension wand.

3. Pre-Use Check

1) **Do:** Check tightness of hose nut to be sure hose is securely attached to the tank outlet.
2) Do: Inspect hose for deterioration, cracks, softness, or brittleness. If any of these conditions are found, replace hose before using. Replace with original manufacturer's parts only.
3) **Do:** Remove pump (see Filling, Pressurizing and Spraying Instructions), inspect interior and exterior of tank for signs of deterioration of body and bottom. Any sign of deterioration indicates possible tank weakening and could result in explosive bursting under pressure. If any of these signs are found, discard tank immediately and replace. Do not attempt to patch leaks, etc., as this could result in serious injury.
4) **Do:** Follow Filling, Pressurizing and Spraying Instructions, except use water only (Pump plunger 10-20 strokes and inspect for leaks).

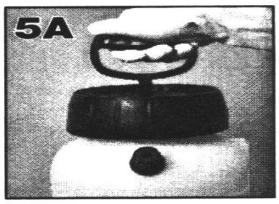
3. Pre-Use Check, continued

5) **Do:** Direct shut-off away from you and open to make sure discharge is not clogged.
6) **Do:** If unit passes this test, release pressure (see Pressure Releasing Instructions), empty tank, and proceed with Filling, Pressurizing and Spraying Instructions.
7) **Do:** Inspect all metal parts including the wand, nozzle and fittings for rust, corrosion and pitting. If any of these conditions are found, replace affected part with original manufacturer's part before using.

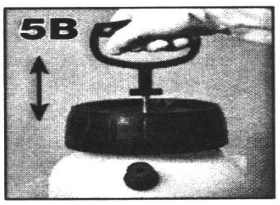
4. Filling

1) **Do:** Turn pump handle counterclockwise and remove pump
2) **Do:** Prepare spray solution following all directions and safety warnings on chemical label.
3) **Do:** Fill tank to no more than the proper gallon marker. Do NOT: over fill to accommodate pump.
4) **Do:** Check pump to make sure that no grass or dirt is stuck to barrel. Replace pump in tank and tighten securely.

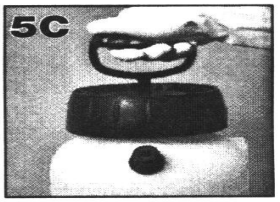
5. Pressurizing and Spraying



Do: Turn handle clockwise to tighten. Push handle down, turn 1/4 turn counterclockwise to release.



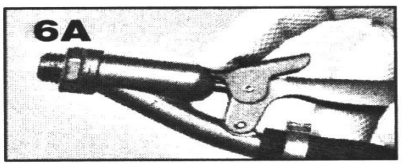
Do: Pump until you feel resistance.



Do: Push handle, down, turn 1/4 turn clockwise to lock. Begin spraying. Re-pump sprayer as required to maintain spray force.

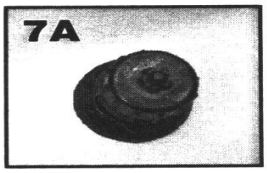
6. Fatigue-Free Spraying

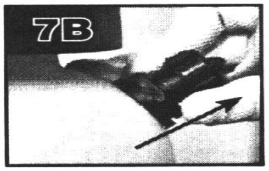
For constant spraying, push down on shut-off handle and move locking mechanism away from you. To release, squeeze handle and move the locking mechanism back towards you (Fig. 6A).



7. To Release Pressure

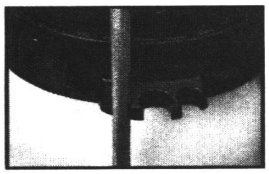
1) Your sprayer is equipped with a pressure relief/release valve (Fig. 7A). To release pressure lift and hold the cap until air is completely exhausted, OR, turn the valve slowly counter clockwise until you hear air escaping and wait air is completely exhausted (Fig. 7B).
2) **Do:** Stay away from the sprayer until all air has escaped.

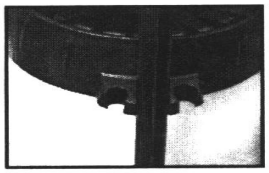


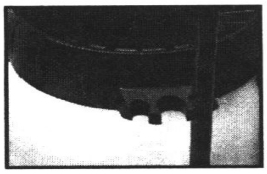


8. Wand Dock Clip

Choose the holder that fits your wand.







9. Care, Storage and Maintenance

1) **Do:** Rinse tank thoroughly with water only, empty, refill with water. Follow Filling, Pressurizing and Spraying Instructions, except pump unit only 8-10 strokes. Be sure that the wand and nozzle are thoroughly rinsed with water after each use.
2) **Do:** Open shut-off and allow water to run through discharge assembly.
3) **Do:** Release pressure (Follow Pressure Release Instructions), remove pump and empty sprayer.
4) **Do:** Store sprayer tank upside down, with pump removed, in a warm dry location.
5) **Do:** Periodically oil pump by dropping 10-12 drops of light oil down pump rod through opening in cover.