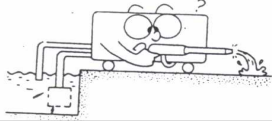


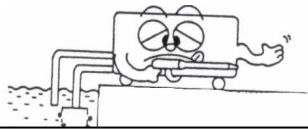
SPRAYER TROUBLE SHOOTING

Low or Lost Pressure



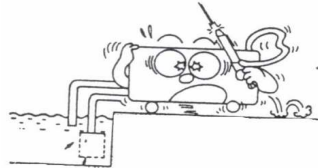
Ref: 1, 2, 3, 4, 5, 6, 10,

No Liquid at Spray Gun



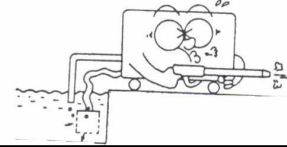
Ref: 2, 11, 14, 15, 16

Abnormal Vibration



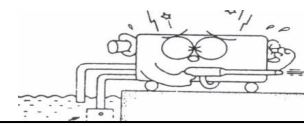
Ref: 9

Abnormal Suction



Ref: 2, 3, 6, 7, 8, 11, 15, 16

Abnormal Pump Noise



Ref: 2, 3, 7, 8, 11, 15, 16

Trouble Shooting Ref #'s

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. Spray gun tip too large or worn. 2. Suction filter clogged. 3. Loose suction line connection. (Check suction filter gasket). 4. Malfunctioning pressure gauge. 5. Malfunctioning pressure regulator. 6. Worn pump suction and discharge valves. 7. Over speeding the pump. 8. Suction line too small. 9. Pulsation dampening chamber full of water. | <ol style="list-style-type: none"> 10. Worn pump valve chamber 11. Foreign object in suction line. 12. Plunger packing worn. 13. Pump drive belts loose. 14. Pressure regulator by-pass valve open. 15. Suction line valve closed 16. Drive pulley spinning on pump or engine shaft. Replace drive key. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Maintenance Guide

(This is only to be used as a quick reference guide, please consult your pump and engine manual for your complete maintenance information for you specific Sprayer)

Daily

- A) Clean Suction Filter-Be careful with the Gasket
- B) Check Oil: Most Common Pump oil is SAE 30 Most Common Engine oil is 10W30

Weekly

- A) Check and Fill (if necessary) Grease Cups and other Greased Areas.
- B) Spray Regulator Spring Area with WD-40

Monthly

- A) Changing Oil—Pump and Engine
- B) Check Engine Air Filter Bi-Monthly—Changed when needed
- C) Check & Tighten Pump Drive Belts (as needed)
- D) Check & Tighten All Hose Clamps, Nuts & Bolts, & Fittings to Ensure they are all secure.

Yearly

- A) Winterize
- B) Replace Packings (If Needed)
- C) Replace Valves (If Needed)
- D) Replace Nozzles Tips (If Needed)