

# Assembly and Operating Instructions For Red Dragon Jet Torches Model Numbers: JET 8 and JET 4

*Be sure to read and understand instructions and safety check list before operating this torch.*

## WARNING

This torch produces an extremely high temperature flame that may be nearly invisible in some conditions. Use caution and keep well away from combustibles, humans, livestock and all flammable substances. Use only outside and with adequate ventilation. **DO NOT** allow children or persons who are unfamiliar with the torch and instructions to operate this equipment. **DO NOT** operate at higher than suggested pressure, while unattended or without proper ventilation. To do so could cause burns, other injuries and possible death.

1. See your LP gas dealer or call Flame Engineering for high quality, high pressure LP gas hose, Use only hose that is recommended for LP use, UL listed and designed for a minimum of 350 lbs/square inch working pressure.

2. Use pipe thread sealant when assembling hose to torch and then test all fittings with soapy water or some form of leak detector. Open cylinder valve to test, look for bubbles which indicate a leak.

3. **DO NOT** use a match or any open flame to test for leaks.

4. Tighten fittings and repeat test procedures until no leaks exist. Never light torch while leaks are present.

## LIGHTING SEQUENCE

1. After making certain all torch valves are in the off position, open cylinder valve slowly but completely. Use only cylinders that are in good condition and which deliver vapor LP gas. Use with minimum 100 lb. cylinder.

2. Open V 314 P pilot valve (screw) 1/4 turn until a small amount of gas is heard escaping.

3. Carefully light pilot torch with a spark lighter and then increase flame by opening V 314 P pilot valve(screw) an additional 1/4 turn.

## OPERATION

1. Adjust pilot valve to a flame that will keep torch burning in the wind.

2. Squeeze V 314 P main lever for full flame.

3. When extinguishing torch, **ALWAYS** turn off tank valve and allow all remaining fuel to burn off before turning off torch valves.

