

## QUICK START AND CLEANING GUIDE JGHV Spray Gun with TLC-576 or TSC-591 Cup

Read this before you attach the air hose!

### Air Supply Requirements:

- 18 SCFM at 10 PSIG air cap pressure (33A air cap)\*
- 22.5 SCFM at 10 PSIG air cap pressure (#46MP air cap)\*
- 26.0 SCFM at 10 PSIG air cap pressure (#83MP air cap)\*
- **Minimum 5/16" inside dia. air hose**

1. Turn **A** ↶ all the way.
2. Pull trigger and turn **B** ↶ until the trigger touches the handle.
3. Turn **D** ↶ all the way.
4. Fill cup with paint. Connect air hose. Perform the following steps and practice on a piece of cardboard.
5. Adjust air pressure to gun handle, corresponding with required baffle range:  
JGHV-450-28 or 33-80=80 psi maximum  
JGHV-450-28 or 33-50=50 psi maximum  
JGHV-450-46-50=50 psi maximum  
JGHV-450-83-65=65 psi maximum  
These input pressures result in 10 psi air cap pressure. Use only as much atomizing air required to properly atomize. Verify pressure at cap using KK-5033-28, 33A 46MP or 83 MP air cap test kit.
6. While triggering the gun, **very** slowly turn **D** ↶ to increase fluid pressure.
7. If too much paint is being sprayed, turn **D** ↶ all the way and push down **C** to remove all cup pressure. Repeat Step No. 6 at lower pressure.

### CLEANING GUIDE

Gun washers do not adequately clean HVLP guns and cups. The solvent spray must be directed at critical areas such as the check valve and poppet. A small squeeze bottle filled with solvent is useful for cleaning these areas.

If a gun washer is used, be sure to remove regulator **D** from gun before placing gun assembly in washer. **Do not put regulator or gauge in gun washer.**

### Cleaning Procedures

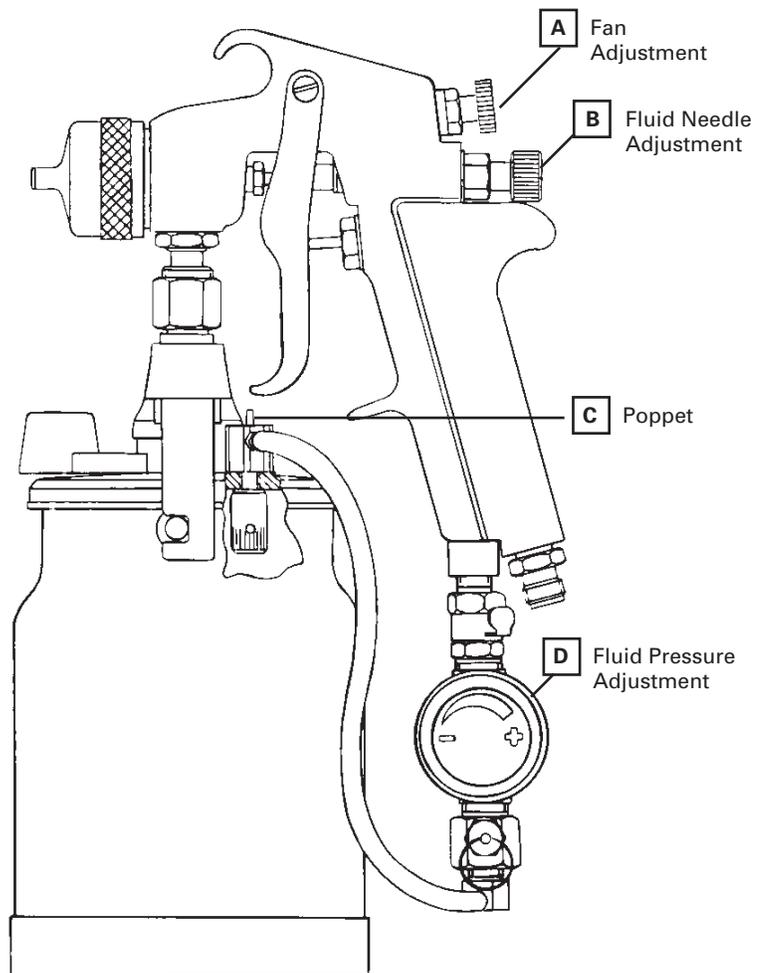
1. Disconnect spray gun from air supply.
2. Remove cup and empty paint, wipe lid clean, fluid tube and inside of cup.

### CAUTION

The paint cup is pressurized. Press the poppet **C** to release all cup pressure before opening the cup.

### WARNING

Certain environmental legislation prohibits spraying solvents into the atmosphere. Check local codes.



\*SCFM = Standard cubic feet per minute (air volume)  
PSIG = Pounds per square inch gauge (air pressure)

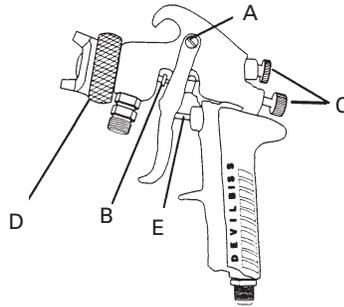
4. Disconnect spray gun from air supply. Remove cup and empty surplus solvent, wipe clean with a lint free dry cloth.
5. Remove check valve. Flush **clean** solvent into the top, bottom and side holes of the check valve.
6. Flush solvent into the poppet hole and straight barbed fitting hole. Failure to use clean solvent may result in a sticky film accumulating on check valve ball or seat surfaces. Sticking may then occur.
7. Remove air cap and brush exterior of cap and fluid tip with a soft bristle brush and solvent.
8. Wipe exterior of gun and cup with a solvent dampened cloth.
9. Dry all parts **including gun air and fluid passages and check valve using a maximum of 15 PSIG compressed air.**
10. Inspect check valve to insure spring and ball are properly oriented. Test by depressing ball with poppet to make sure ball isn't stuck and it returns properly.

11. Lubricate spray gun as shown using \*SSL-10 gun lube.

See illustration below.

- A. Trigger points
- B. Packing
- C. Adjusting valve
- D. Baffle & retaining ring threads
- E. Air valve cartridge

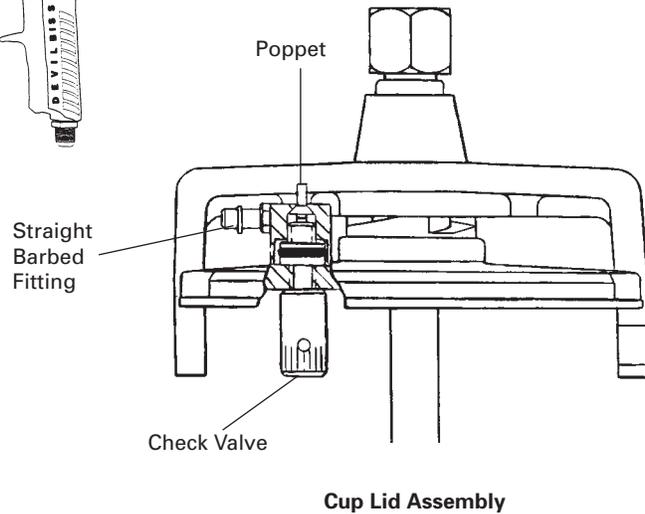
\*Not for air tools or high RPM equipment



**Refer to the following service instructions packaged with the gun for more detailed information:**

SB-2-246	Spray Gun
SB-4-367	Paint Cup
SB-6-102	Cup Pressure Control

Call DeVilbiss Customer Service at the number below for a free copy of SB-2-001, Spray Gun Troubleshooting and Preventive Maintenance Guide.



### WARRANTY

This product is covered by DeVilbiss' 1 Year Limited Warranty.

**DeVilbiss Sales and Service: [www.devilbiss.com](http://www.devilbiss.com)**



U.S.A./Canada Customer Service  
195 Internationale Blvd.  
Glendale Heights, IL 60139  
630-237-5000

Toll Free Customer Service  
and Technical Support  
800-992-4657  
Toll Free Fax  
888-246-5732