

# **JohnDow** **Industries**

151 Snyder Ave. • Barberton, OH 44203

## **6 Gallon Fluid Evacuator**

Model NO. JDI-6EV

### **Owners Manual**

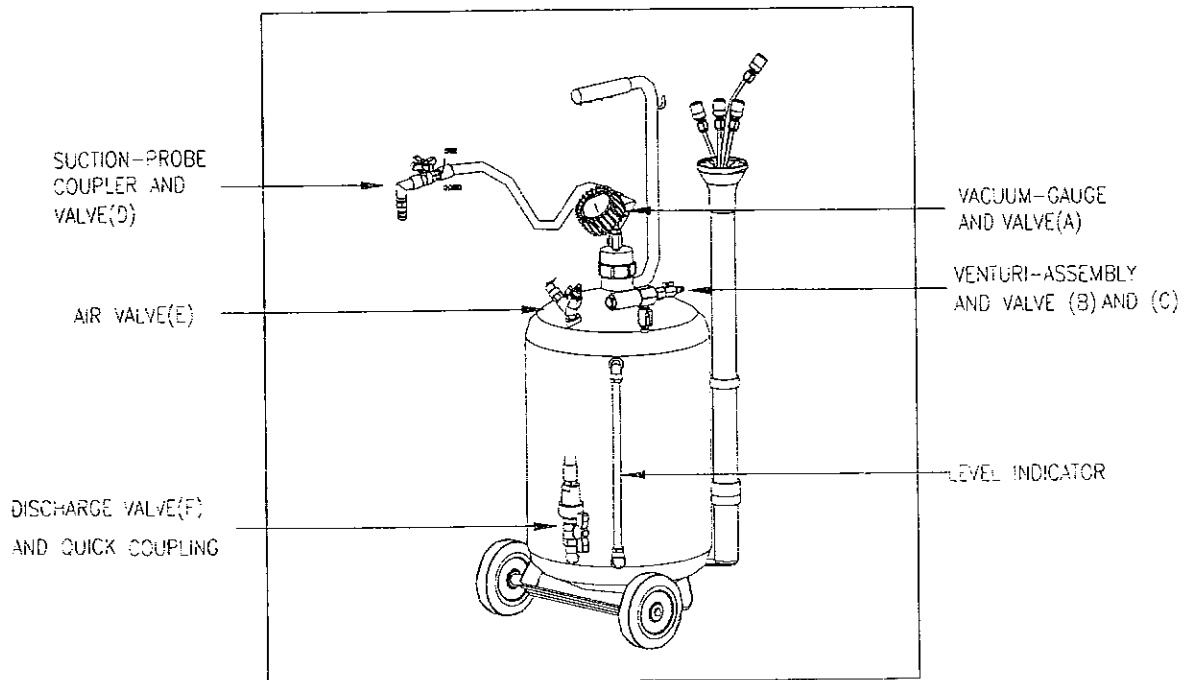


---

JDI-6EV

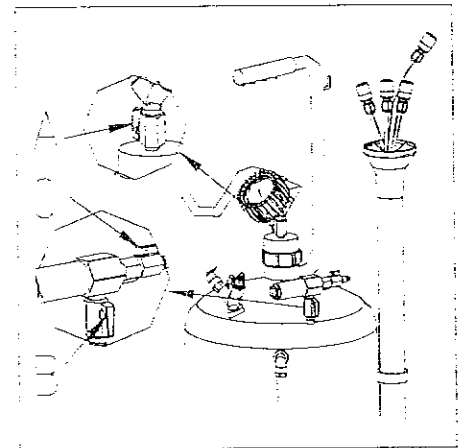
REV 11/02

# JDI-6EV Fluid Evacuator - Operating Instructions

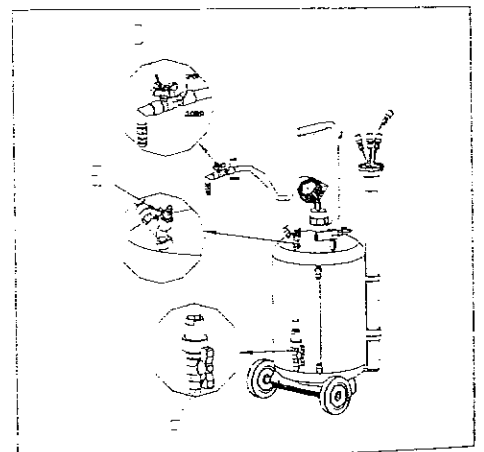


## Charging The Tank (Creating a vacuum):

1. Open vacuum-gauge valve (A) and venturi-assembly valve (B) and (C)



2. Close suction-probe valve (D), discharge valve (F) and air valve (E)

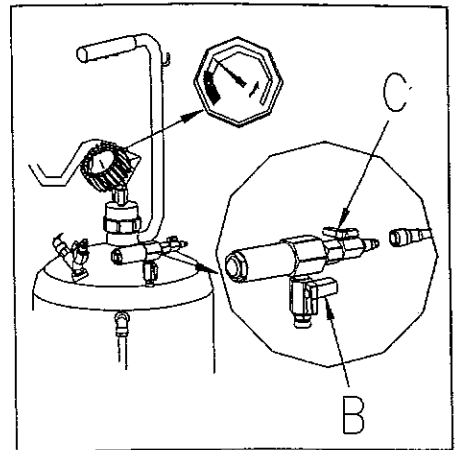


# JDI-6EV Fluid Evacuator - Operating Instructions

3. Connect compressed air to the quick-connect coupling and open valve (C) on the venturi assembly. When the vacuum-gauge indicator comes onto the green band and stops (approx. 30-40 seconds), close valve (B), (C) and disconnect the air supply.
4. The fluid evacuator is now ready to use.

**Important! The compressed-air supply must always be between 100 and 120 psi to achieve a full vacuum.**

*Note: The evacuator can be used with the air supply connected with a continuous flow of air through the venturi assembly. However, in this case, the evacuator cannot be used independently.*

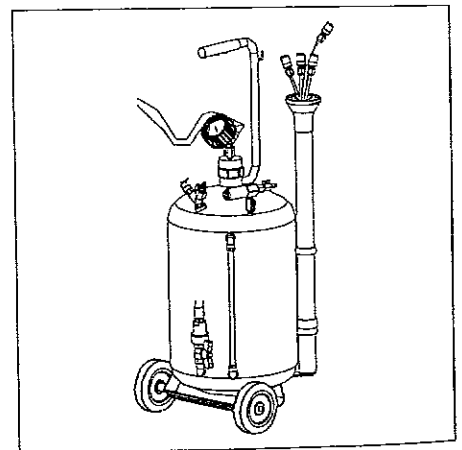
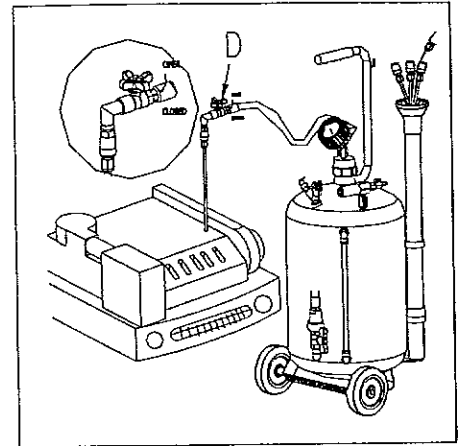


## Fluid Evacuation:

1. Position the evacuator next to the vehicle to be serviced. Turn off the vehicle and remove the dipstick from the motor.

**Important! The motor oil or other fluid to be evacuated must be hot at a temperature between 150/170 F. Suction of oil from the motor must be done when the motor is off.**

2. Insert the appropriate suction probe into the dipstick tube as deep as possible without touching the bottom. Choose the largest diameter probe for best results.
3. Place the suction-probe coupler into the coupling of the suction probe. Make sure it is completely seated into the coupler.
4. Open suction-probe valve (D) to begin the evacuation process.
5. When the evacuation is complete, close valve (D) and disconnect it from the suction probe, (evacuation is complete when the needle on the vacuum gauge begins to flutter wildly).
6. Remove the suction probe from the dipstick tube and proceed with normal oil-change procedures.

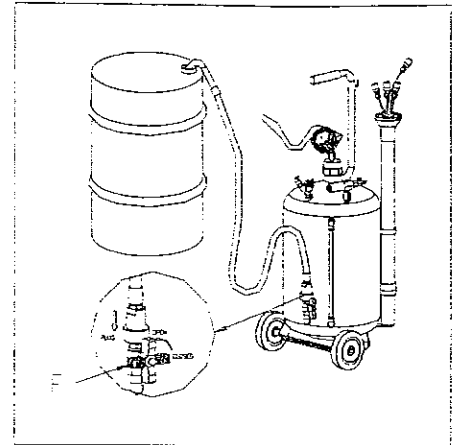


**Important! Never fill the tank over the maximum limit that can be seen on the level indicator.**

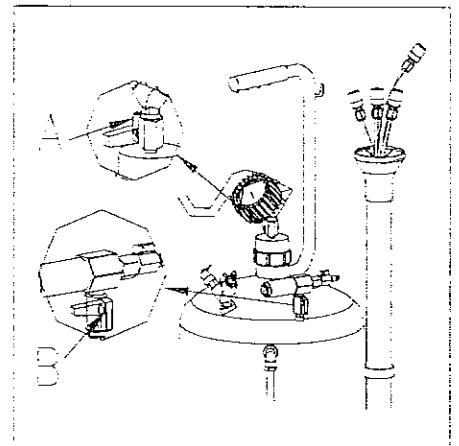
# JDI-6EV Fluid Evacuator - Operating Instructions

## Emptying The Tank:

1. Position the evacuator next to the storage tank.
2. Attach hose from bulk container to the quick coupler at the bottom of tank.
3. Open discharge valve (F).



4. Close vacuum-gauge valve (A) and venturi-assembly valve (B).



5. Connect compressed air (maximum pressure of 10 psi) to the quick-coupler and open valve (F).

**Import!** Do not use air pressure in excess of 10 psi. The evacuator is fitted with a safety valve calibrated at 20 psi.

6. When the tank is empty, close air valve (B) and disconnect the air supply.
7. Close discharge valve (F) and disconnect the discharge hose from the drain.

