



# D1212

## Solenoid Control Valve Kit

### Side Mount Drill Fill

### Installation Instructions

#### Hydraulics

1. Shut down and lock out all power to drill fill. Fully lower truck box.
2. Remove hoses and aluminium adaptor block from hydraulic motor.

#### **Note**

If kit is being installed at time of initial drill fill installation, remove protective cover plate from hydraulic motor (installed at factory). Aluminium adaptor block will not be in place.

#### **Important**

Ensure that o-rings are properly seated over oil ports and that ports are free of contamination.

3. Install solenoid valve with four 5/16" x 2-3/4" bolts.

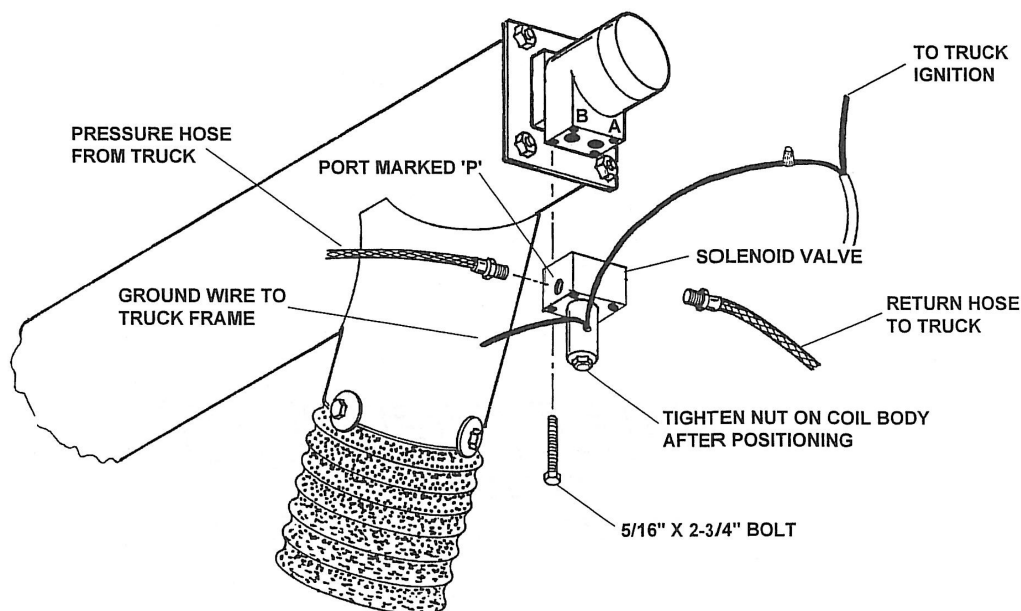
#### **Important**

To obtain correct rotation of auger flighting, the "P" port on solenoid valve must be located on port "B" of the motor (see [Figure 1 on page 2](#)).

4. Tighten nut on coil body after positioning.
5. Connect the hydraulic hoses from the truck's hydraulic system to the solenoid valve as shown in [Figure 1 on page 2](#). Attach pressure line to port marked "P". Attach return line to other side.

#### **Important**

If solenoid valve does not work, it probably is not properly grounded. Make sure truck box is grounded to truck frame and drill fill is grounded to box.

**Figure 1. Side Mount Drill Fill****Electrical**

1. Mount and secure toggle switch bracket to lower end of telescoping spout with two 1/4" x 1/2" bolts and locknuts.
2. Fully extend telescoping spout and secure the electric cord along spout with nylon ties.
3. Connect either of the two wires on solenoid to one of the wires on the wiring harness. Cover connection with electrical tape.

**Note**

The other wire on the solenoid is the ground wire. The solenoid must be properly grounded.

**Installation Notes**

- Provide adequate slack in hydraulic hoses and electrical wire to permit raising of truck box.
- Hoses and 3/8"-18 NPTF male fittings to be supplied by customer.
- If oil flow exceeds 12 gpm, the auger may creep when spout switch is off. Install flow control valve to correct this.
- If auger rotates in right direction but spout switch does not turn off auger, the solenoid valve is mounted wrong. Reverse position.
- Make certain pressure line is connected to port marked "P".

**AGI WESTFIELD**

P.O. Box 39  
Rosenort, Manitoba, R0G 1W0 Canada  
Phone: (866) 467-7207 (Canada & USA) or (204) 746-2396  
Fax: (866) 768-4852

Website: [www.grainaugers.com](http://www.grainaugers.com)  
Email: [sales@grainaugers.com](mailto:sales@grainaugers.com)  
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