

Guide for Installation of Air Shift Kit on a CRSC101 or CRSC102 Dump Truck Pump

1. Clean the clevis end of the valve spool to remove any dirt, grit or sand from the area.
2. Remove the snap ring from around the valve spool using snap ring pliers.
3. Remove the detent plug, spring, and ball from the seal retainer housing.
4. Remove the (4) bolts that hold the seal retainer on the valve body and remove the retainer; do not remove the o-ring that seals the retainer to the body.
5. Remove the spring retainer from the air shift kit, grease the two o-rings and install over the valve spool with the large opening facing outward. Make sure the body o-ring is seated in the valve body.
6. Remove the piston & spring assembly from the air shift kit body by pulling it out with your finger; do not remove the snap ring.
7. Remove the clevis pin (set screw) from the piston & spring assembly using a 1/4" Allen Wrench. Place the piston & spring assembly over the valve spool and install the clevis pin (set screw) in the piston & spring assembly and tighten.
8. Grease the o-ring on the piston & spring assembly and slide the air shift kit body over the piston & spring assembly and orient the fitting holes to suite your needs and install the two bolts provided and torque to 10 to 15 foot lbs.
9. Install the two 1/8" NPT fittings and connect to the air control located in the cab of the vehicle. Teflon sealing compound should be used on the NPT fitting to assure a good seal and to prevent galling. Teflon tape should be avoided, as it may enter the air system and cause a malfunction.

**UNDER NO CIRCUMSTANCE SHOULD YOU CONNECT TO
OR MODIFY THE VEHICLE BRAKING SYSTEM.**

For questions or assistance with CRS Brand Dump Truck Pumps,
Please contact your CRS Service Sales Representative at
800-521-2628