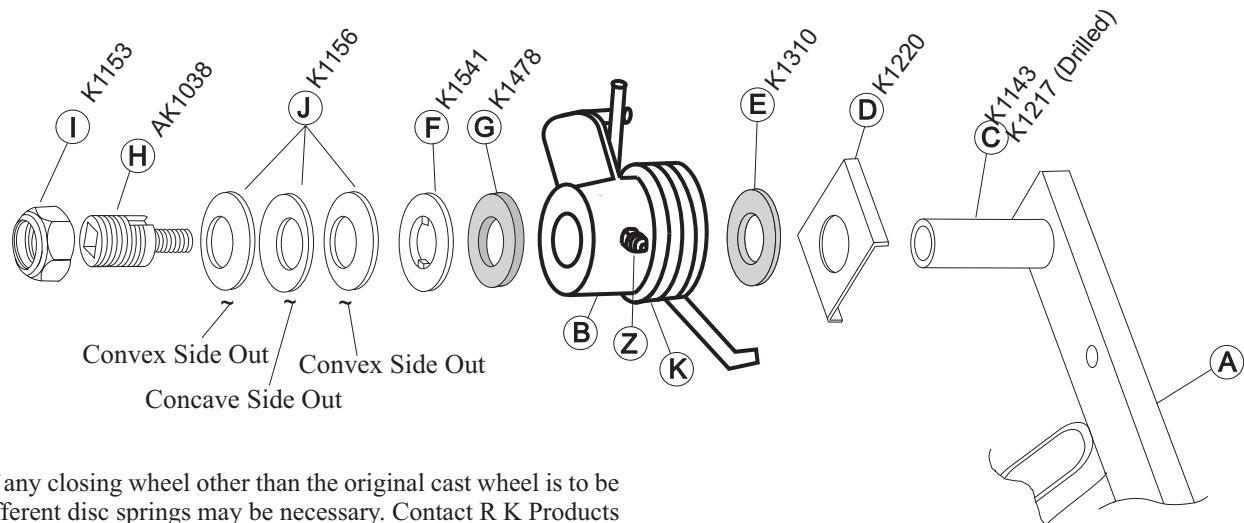


INSTRUCTIONS FOR INSTALLING THE R K P CLOSING WHEEL ARM PIVOT KIT ON JD 750 DRILLS WITH WELDED PIVOT PINS - SERIAL NUMBER 3834-5999

Before working on your drill review the safety section in your operators manual.



Note: If any closing wheel other than the original cast wheel is to be used different disc springs may be necessary. Contact R K Products for information.

1. Remove arm (A) from bearing housing (B) by removing roll pin and washers. Wipe the ends and bore of the bearing housing clean. It may be necessary to scrape or chisel dirt from the bore. Use a file to make sure the ends of the bearing housing are smooth and flat.
2. Remove the old pivot pin from the arm by grinding the welded end flush. Some customers report that a chop saw works well. Call us for details. Press the pin through the arm. **Think Safety!**
3. Install new pivot pin (C) into the arm (A). The end of the pin to be welded should protrude 1/4". The fit between the pin and the hole should be tight enough to assure proper alignment. If necessary the fit between the pin and the hole can be tightened by hitting the arm with a center punch approximately 1/16" from the edge of the hole. Do this several times around the hole and on both sides of the arm. After positioning pin (C) check perpendicularity with a square. Weld the pin to the arm.
4. If drilled pin K1217 is being used install the 1/4 - 28 90 degree grease zerk in the end of pin. Note that the zerk can be directed to improve accessibility. If K1143 pin is being used and the bearing housing is not already so equipped, install a 1/4 - 28 straight grease zerk (Z) as shown.
5. Place wear clip (D) and thrust washer (E) onto the pivot pin.
6. Place pivot pin (C) through bearing housing.
7. Place tab washer assembly (F) and thrust washer (G) onto adjusting stud assembly (H). The tab washer should be outermost. If nut (I) has been preassembled onto the adjusting stud it will be necessary to assemble disc springs (J) onto the adjusting stud before the tab washer assembly. Note the correct orientation of the disc springs.
8. Install the adjusting stud assembly by screwing the attaching stud into the tapped hole in the end of the pivot pin (C). Torque to 85 ft lbs. The adjusting stud must be seated against the end of the pivot pin.
9. If nut (I) was not preassembled, install disc springs and nut onto the adjusting stud. Lubricate the threads and nylon insert if necessary.
10. Tighten nut (I) until disc springs (J) are compressed flat. Back nut off one half turn (one complete turn if drill is equipped with spading closing wheels). Raise and lower closing wheel several times. The arm should pivot freely but a slight drag is permissible as the parts will "wear in". Adjust nut (I) to increase or decrease disc spring pressure as necessary. There should be no detectable looseness in the pivot when applying a reasonable side load to the closing wheel arm.

Note: Always recheck adjusting stud torque after turning the nut counterclockwise.

11. Note the gap between the center and the inner disc springs. It should be approximately 1/32" (approximately 1/16" if drill is equipped with spading closing wheels). As the parts wear, disc spring pressure will relax and the gap will increase. Occasionally make at least a visual check and increase spring pressure as required.
12. Grease the bearing housing and thereafter at approximately 50 hour intervals.