



## INSTALLATION INSTRUCTIONS

**PIONEER**

**8700 CASE/I.H. I.S.O. CONVERSION KIT**

**8909-009 Revision: B**

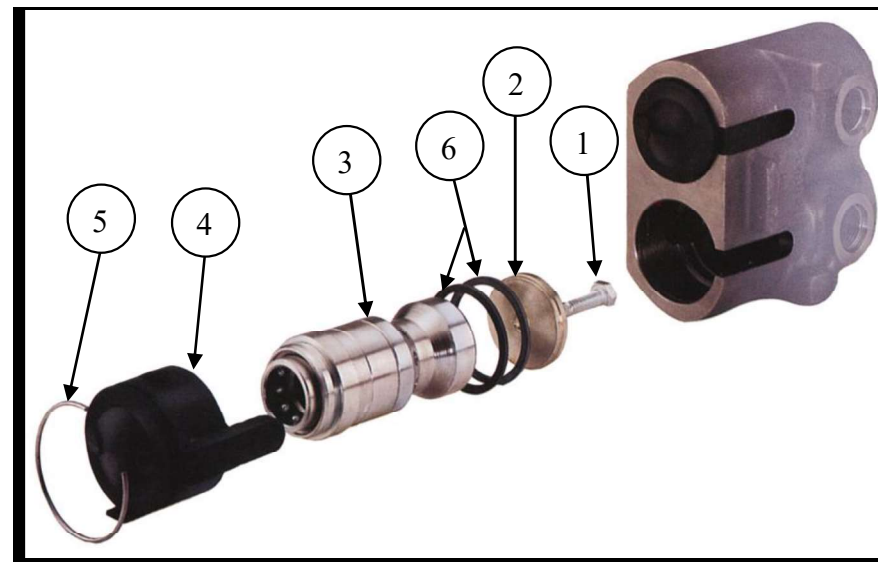


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### KIT CONTENTS:

### QUANTITY

#### Item #

1 – CAP SCREW	2
2 – WASHERS	2
3 – CARTRIDGE BODY ASSEMBLY	2
4 – DUST CAP	2
5 – SNAP RING	2
6 – SQUARE CUT SEALS	4
6(b) – O-RING SEALS	4



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#### ***REMOVAL OF LEVER CARTRIDGES***

1. Shut tractor down before attempting to disassemble couplers.
2. Actuate the control valve in tractor to relieve trapped pressure.
3. Remove the lever casting assembly by disconnecting the hydraulic tubes at the fittings and removing two cap screws.
4. Remove the female lever cartridges from the casting assembly by removing the retainer rings.
5. If necessary, remove the seals from the inside diameter grooves in the casting. It is possible that a (plastic) slipper seal and an o-ring is used or only an o-ring. Remove all seals that are in the casting grooves which sealed the cartridges that were removed.
6. Retain only the casting assembly.

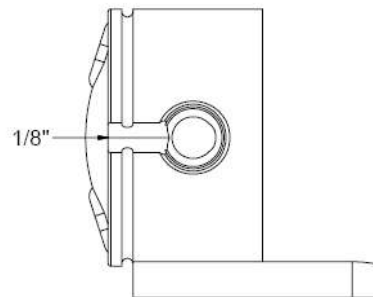
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#### ***INSTALLATION OF PIONEER CARTRIDGES:***

1. Lubricate square cut seals and install in grooves in casting assembly if a plastic slipper seal and an o-ring was removed from the casting. If only an o-ring was removed, then install the o-rings in to the casting. Left over o-rings or square cut seals will not be used.
2. Install female cartridges.
3. Install washers and cap screws. Torque to 18-20 ft-lbs. (25-27 Nm).
4. Select a location in which a dust cap will be located to determine the "bottom" side of that particular dust cap.
5. Use a sharp knife to cut a 1/8" deep "V" shape groove from the "bottom" drain hole in the dust cap to its rear surface. This groove provides drainage of hydraulic fluid which is lost during uncoupling. If not drained away, the accumulation could cause difficulty during coupling.



6. Lightly lubricate the dust cap and install in casting assembly with drain groove to the bottom.
7. Install snap rings to retain dust caps. The gap in the snap ring must bridge the drain grooves.
8. Re-assemble casting assembly to tractor.