



PRODUCT NOTIFICATION

PNOT-266

March 31, 2006

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Portable Auger 4" Dia. X 36" Stroke Hydraulic Cylinder Change Notification and Installation Instructions

Effective with shipments beginning April 11, 2006, the 4" diameter X 36" stroke hydraulic cylinder used in all Grain King portable augers with hydraulic lift is being changed to remove the internal 0.062" diameter orifice located in the inlet port. In place of the internal orifice, an in-line restrictor valve is being added which provides the 0.062 diameter orifice restriction in the lower direction to control the speed of the auger as it is lowered and provides free flow in the raise direction. Providing free flow in the raise direction reduces the pressure requirement to raise the auger.

Part number changes:

- GK7381, BOP: HYD. CYL. 4"X36" W/O ORIFICE, replaces GK2461, BOP HYD. CYLINDER 4" X 36".
- GK7374, HYDRAULIC CYLINDER 4"X36" W/O ORIFICE, replaces GK1528, HYDRAULIC CYLINDER 4"X36" STRK.
- GK7383, RESTRICTOR VALVE & ELBOW ASSY, is added with the GK7374 hydraulic cylinder and is included in the GK7381, Box of Parts, with the hydraulic cylinder.

Note: This change was made to the 10"X72' swing-away auger effective with shipments after July 15, 2005. At that time the GK7383 restrictor valve assembly was included in bolt kit GK7382 instead on in the GK7381 hydraulic cylinder box of parts.

⚠ CAUTION

The restrictor valve assembly must be installed as instructed below to control the speed at which the hydraulic cylinder lowers the auger. The flow direction arrow on the restrictor valve must always point toward the hydraulic cylinder.



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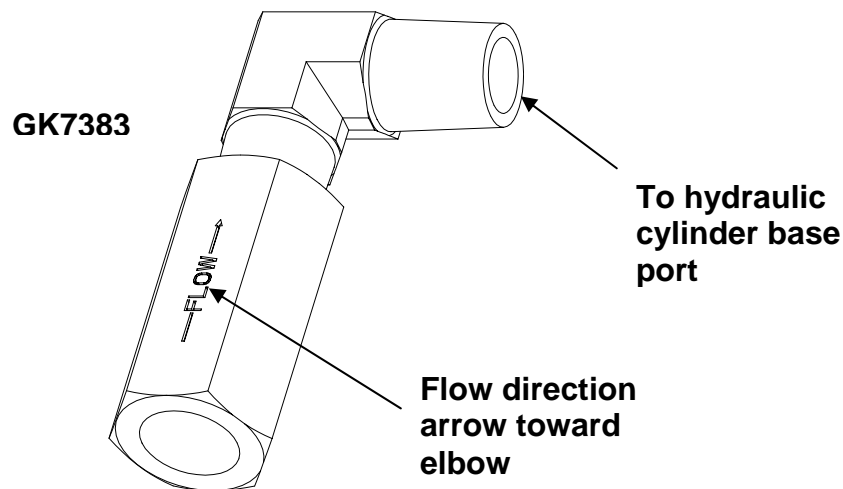
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Installation:

On portable augers the 4" diameter X 36" stroke hydraulic cylinder (8"X62'/72', 10"X62'/72' and 12"X62'/72'/82' Swing-Away augers. 8"/10"X65'/71' Top Drive augers and 8"/10"X72' Center Drive augers), the elbow end of the GK7383 restrictor valve and elbow assembly must be installed in the hydraulic cylinder base end port. Insure that the flow direction arrow on the restrictor valve is pointing toward the elbow and the cylinder port as illustrated below.



Note: On the 12"X72' and 12"X82' Swing-Away augers, there will be two hydraulic cylinders and two restrictor valve assemblies.

The hydraulic hose to the shut-off valve (and tractor connection) is then installed to the opposite end of the restrictor valve.