

 Albany Pumps					Title: Instructions For Reversing an Albany HD Pump With Relief Valve Fitted			
ENGINEERING STANDARDS					No: P00002		Issue: 1	Page 1 of 2
Iss	Date	Raised	Appr.	Sheet	Particulars of Change			
1		DC						

TO REVERSE DIRECTION OF AN ALBANY HD PUMP

WARNING

1. BEFORE OPENING ANY ALBANY PUMP LIQUID CHAMBER, OR STEAM JACKETED CHAMBER, ENSURE ANY PRESSURE HAS BEEN COMPLETELY VENTED.
2. ENSURE THAT THE PRIME MOVER (AIR, ELECTRIC, DIESEL MOTOR) HAS BEEN MADE SAFE AND CANNOT BE STARTED WHILST WORK IS BEING DONE ON THE PUMP.
3. BEFORE STARTING PUMP, CHECK ALL GUARDS ARE IN PLACE.

DO NOT ATTEMPT INSPECTION OR REPAIR BEFORE DISCONNECTING FROM MAINS SUPPLY.

WEAR SUITABLE PROTECTIVE CLOTHING AND GOGGLES WHEN DEALING WITH AGGRESSIVE LIQUIDS.

FAILURE TO FOLLOW THE ABOVE INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR DEATH.

TO REVERSE DIRECTION OF PUMP ALL THAT IS NEEDED TO BE DONE IS FOR THE COMPLETE RV ASSEMBLY TO BE CHANGED OVER FROM ONE SIDE OF PUMP TO THE OTHER (PLEASE SEE ATTACHED SKETCH).

1. TURN OFF POWER TO PUMP & ALLOW PUMP TO COOL.
2. MEASURE DISTANCE 'X' AND THEN UNWIND ADJUSTING SCREW (ITEM 1), TO RELIEVE SPRING TENSION, BUT DO NOT REMOVE COMPLETELY.
3. REMOVE FOUR CAPSCREWS (ITEM 12) FROM FLANGE (ITEM 11) REMOVE FLANGE AND GASKET (ITEM 10) FROM PUMP BODY.
4. REMOVE FOUR CAPSCREWS (ITEM 4) FROM ADJUSTING SCREW FLANGE (ITEM 5) BEING VERY CAREFUL OF ANY TENSION LEFT IN SPRING (ITEM 8).
5. REMOVE VERY CAREFULLY ADJUSTING SCREW FLANGE (ITEM 5) WITH THE ADJUSTING SCREW (ITEM 1), LOCKNUT (ITEM 2) AND FIBRE WASHER (ITEM 3) STILL IN SITU. THE GASKET (ITEM 6), SPRING SEAT (ITEM 7), SPRING (ITEM 8) AND RELIEF VALVE (ITEM 9) SHOULD ALL COME AWAY WITH ITEM 5.
6. THIS WHOLE ASSEMBLY SHOULD THEN BE INSERTED IN THE OPPOSITE SIDE OF PUMP AND REASSEMBLED WITH SCREWS MADE TIGHT. ITEM 11 IS THEN ALSO REFITTED.
7. FOR CORRECT DUTY THE ADJUSTING SCREW (ITEM 1) SHOULD BE TIGHTENED UNTIL DISTANCE 'X' IS ACHIEVED.
8. ON START UP THE PUMP IS READY TO ROTATE IN THE REVERSE DIRECTION, WITH THE SUCTION & DELIVERY ON OPPOSITE SIDES.

