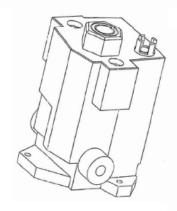
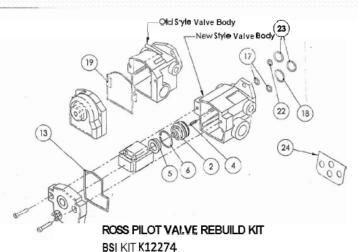
ROSS ITEMS

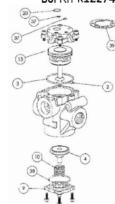


ROSS PILOT BSI PART 37450AMK









ROSS MAIN CONTROL VALVE REPAIR KIT

1/4, 3/8 & 1/2 1/2, 3/4 & 1 BSI 37887AMK BSI 37169AMK 1-1/4 & 1-1/2 BSI 37882AMK

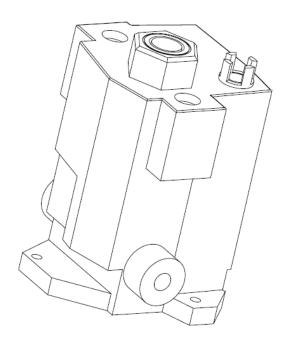
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INCLUDES QTY 1 EACH; 37450AMK, K12274, 37887AMK, 37169AMK & 37882AMK BREAKER SERVICE INC 800-326-5250 office 838-267-7690 fax

ROSS VALVE FIRST AID KIT REPAIRS ALL ROSS MAIN & FILOT VALVES

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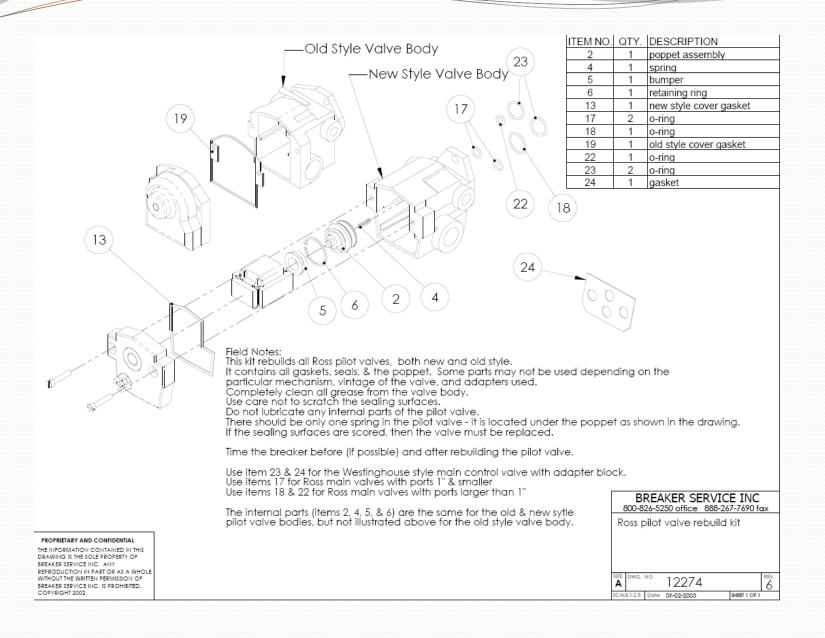
Ross Pilot Valve with coil for 125vdc operation

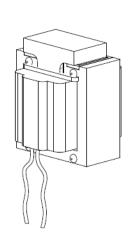
37450AMK

REV.

SCALE:1:1 Date: 02-02-2002

SHEET 1 OF 1





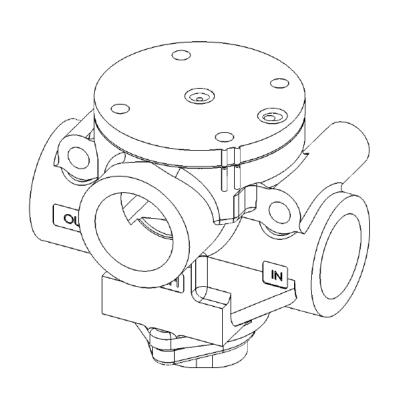
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Solenoid assembly for all Ross pilot valves. Universal coil can be used for 48vdc, 125vdc, and 250vdc

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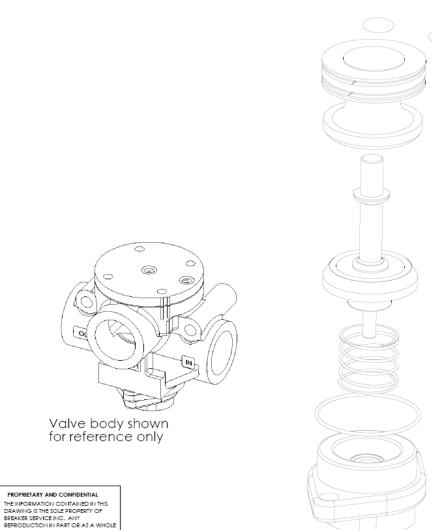
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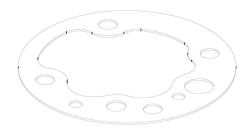
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Ross main control valve for Westinghouse AA-7 mechanism

37451AMK SCALE 1:1 Date: 02-02-2003 SHEET 1 OF 1





All parts shown are included in the rebuild kit

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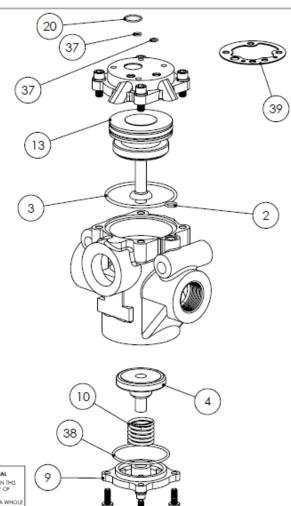
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Rebuild kit for Ross main control valve for Westinghouse AA-7 mechanism

37169AMK

SCALE 1:1 Date: 09-20-2004



ITEM NO.	QTY.	DESCRIPTION
2	1	o-ring
3	1	o-ring
4	1	lower poppet
9	1	bottom plate
10	1	spring
13	1	upper poppet assy
20	1	o-ring
37	2	o-ring
38	1	o-ring
39	1	gasket

FIELD NOTES:

Time the breaker before & after you rebuild the main closing control

Apply only a very thin film of the supplied grease to the moving piston seal on the upper poppet. All static o-rings (items 20,37,2,3,&38) should be lightly coated with a high quality o-ring grease such as Dow Corning # 111.

All the gakets and o-rings may not be necessary depending on the exact configuration of your control valve.

BREAKER SERVICE INC 800-826-5250 office 888-267-7690 fax

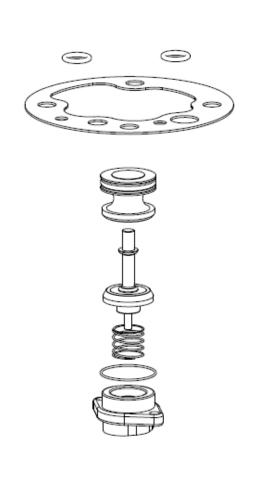
Rebuild kit for Ross main control

valves with 1-1/4" & 1-1/2" NPT ports.

A	DWG.	[™] 37882AMK	Õ
SCAL	E 1:1	Date: 09-16-2003 SHITT1	OF1

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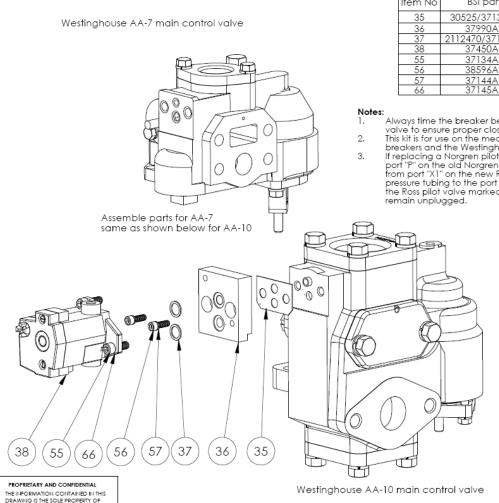
BREAKER SERVICE INC 800-826-5250 office 888-267-7690 fax

Rebuild kit for Ross Main Control Valve with 1/2" ports, metal parts

37887AMK

SCALE: NTS | Date: 01-15-2003

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BSI part # Description Qty Item No 30525/37131AMK gasket 37990AMK adapter 2112470/37124AMK o-ring 37450AMK Ross pilot valve 37134AMK socket head cap screw, 1/4-20 x 38596AMK socket head cap screw, 3/8-16 x 37144AMK lock washer, 3/8" 37145AMK lock washer, 1/4"

- Always time the breaker before (if possible) and after replacing the pilot valve to ensure proper closing speed.
- This kit is for use on the mechanisms listed below that are used on oil circuit breakers and the Westinghouse model 2300SF GCB.

 If replacing a Norgren pilot valve with an external pilot pressure feed into port "P" on the old Norgren pilot valve, remove and discard the pipe plug from port "X1" on the new Ross pilot valve and connect the external pilot pressure tubing to the port on the Ross pilot valve marked "X1". The port on the Ross pilot valve marked "Y3" is the pilot exhaust and should always

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Kit to replace the Westinghouse "magnet valve" pilot valve or Norgren D0035A pilot valve on AA-7, AA-10, & AA-14 W.H. main control valves with a Ross pilot valve - see notes for limitations

A	DWG.	[№] 37993AMK		4
SCAL	E: 1:3	Date: 02-18-2005	SHEET 1 OF 1	