

# INSTALLATION MANUAL

REF NO. BA98011B

DATE May 14, 2001

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This PARTS & SERVICE NEWS supersedes BA980011A dated January 13, 1998 which should be discarded.

**SUBJECT:** INSTALLATION OF HIGH PRESSURE LINE FILTERS IN THE WORK EQUIPMENT HYDRAULIC CIRCUIT ON WA800-2 AND WA900-1 EQUIPMENT WITH JOY STICK STEERING

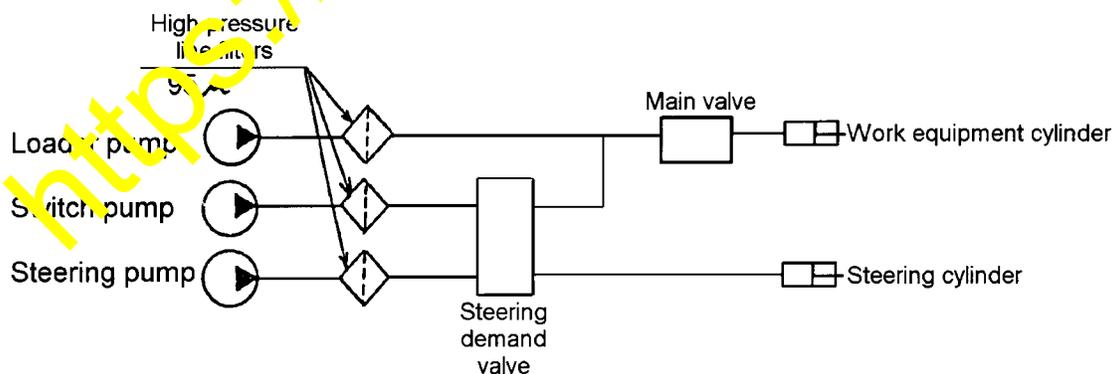
**PURPOSE:** To reduce a high pressure line filter newly prepared as an option filter to prevent the damage of the hydraulic circuit of machines equipped with joy stick steering.

**APPLICATION:** WA800-2L Wheel Loaders Serial Number A20005 to A20010  
WA800-2LC Wheel Loaders Serial Number A20020 and up  
WA900-1L Wheel Loaders Serial Number A20001 to A20007  
WA900-1LC Wheel Loaders Serial Number A20080 and up

**FAILURE CODE:** 6020Z9

## DESCRIPTION:

Introduction: If a piston pump internal part breaks, there is a possibility of debris in the work equipment high pressure oil line. This could cause other hydraulic equipment, units, etc to be damaged. This can be prevented by installing the high pressure line filters in the pump delivery line. Refer to flushing procedure for the hydraulic circuit on Parts & Service News A930110.



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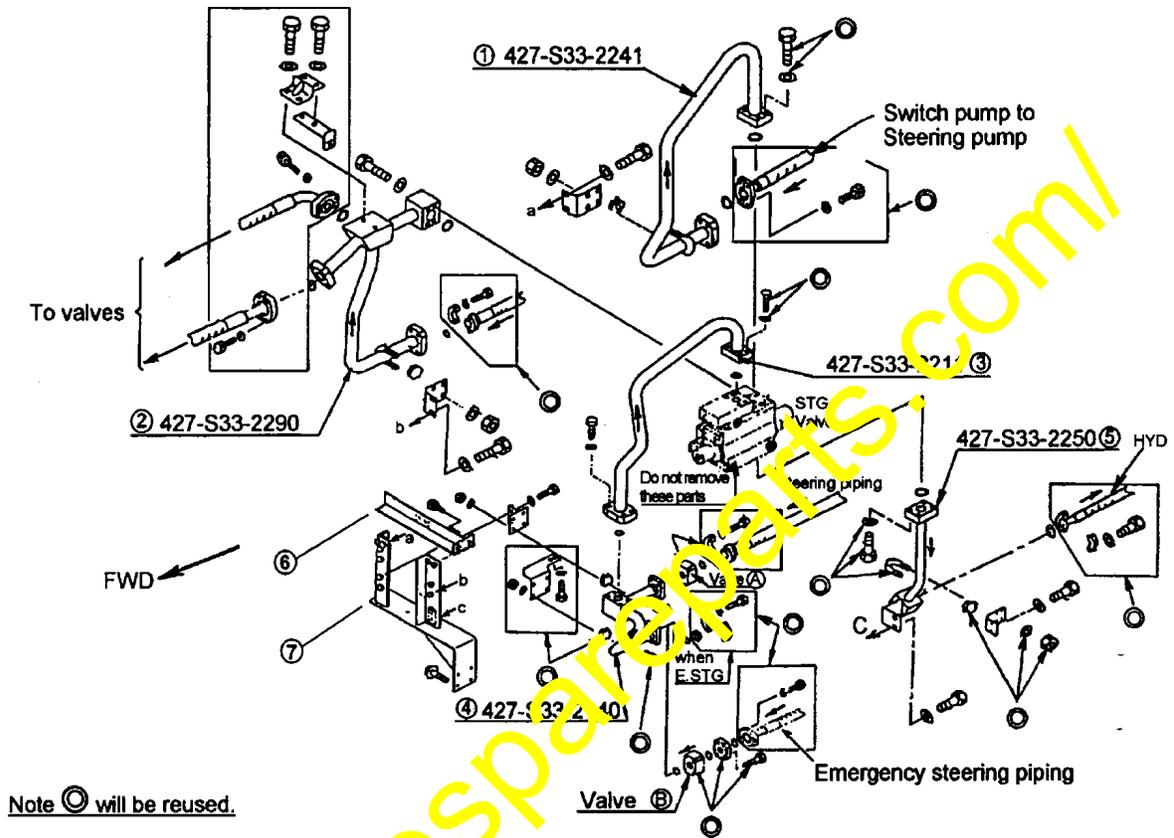
<b>Part No.</b>	<b>Part Name</b>	<b>Qty.</b>
01010-81235	Bolt	6
01010-81460	Bolt	4
01011-81415	Bolt	4
01011-81485	Bolt	4
01011-81610	Bolt	12
01643-31232	Washer	6
01643-31445	Washer	12
01643-31645	Washer	12
07000-F3042	O-ring	3
07000-F3045	O-ring	2
07000-F3048	O-ring	13
209-60-63300	Filter	3
209-62-61190	Clamp	6
209-62-61210	Flange	6
427-N35-1280	Plate	1
427-N35-1180	Spacer	1
427-N35-1190	Tube	1
427-N35-1220	Tube	1
427-N35-1230	Tube	1
427-N35-1240	Tube	1
427-N35-1271	Tube	1
427-N35-1310	Bracket	1
427-N35-1320	Bracket	1

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## 2. Removal of Joystick Steering Piping

Remove the piping ①-⑤

Remove the brackets ⑥-⑦

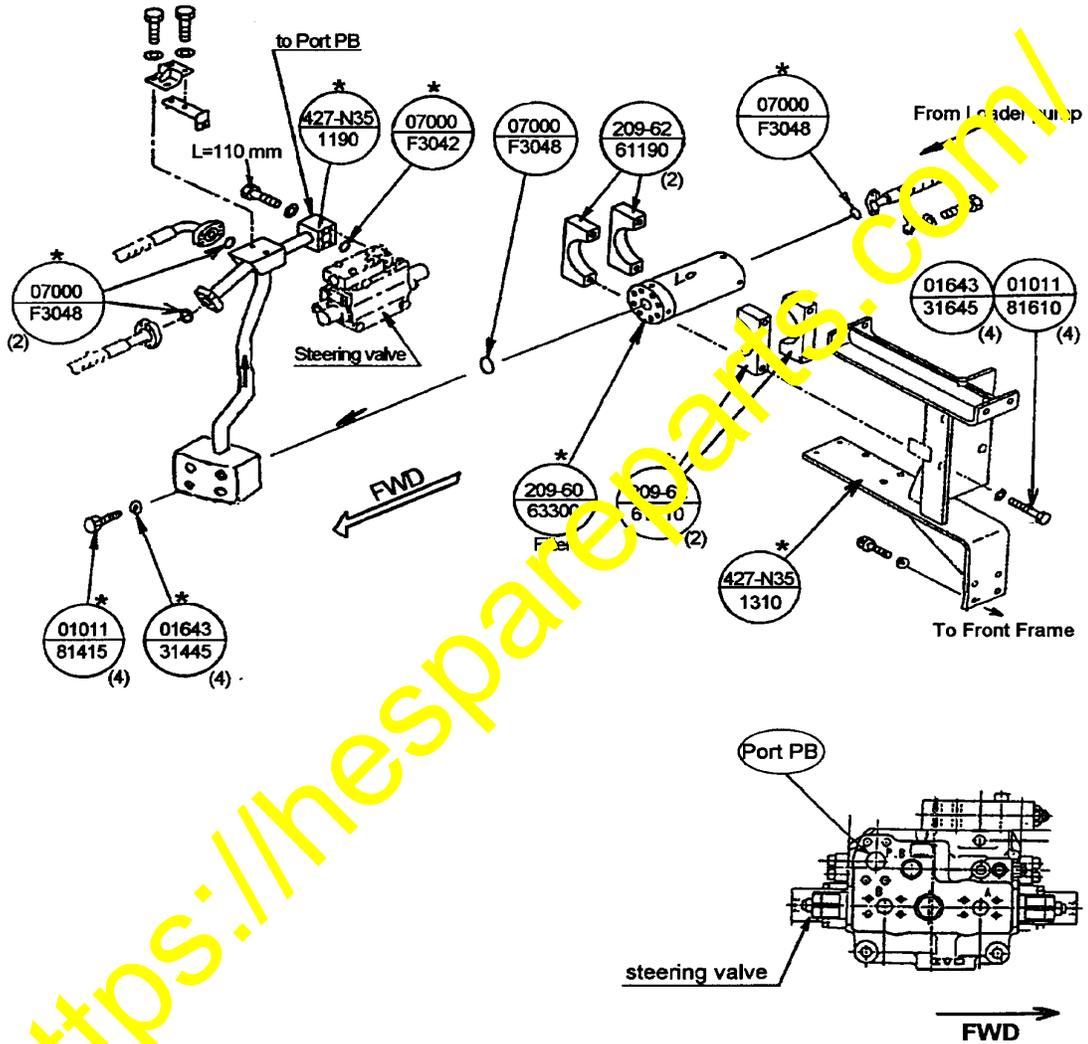


<https://hespartsparts.com/>

### 3. Installation of Main Piping

① Loader pump to steering valve

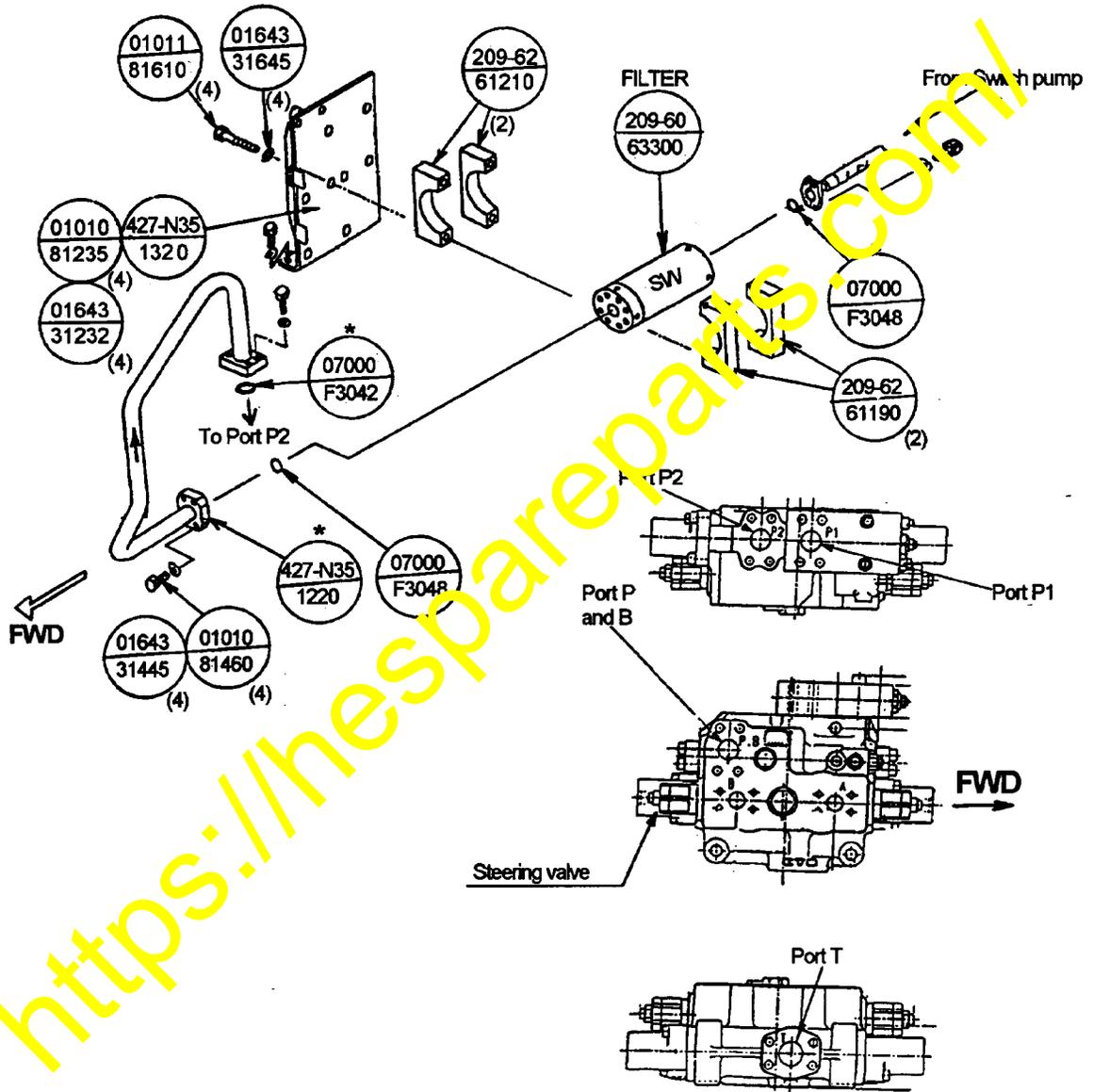
\* mark parts = parts as shown on page 2 parts list.





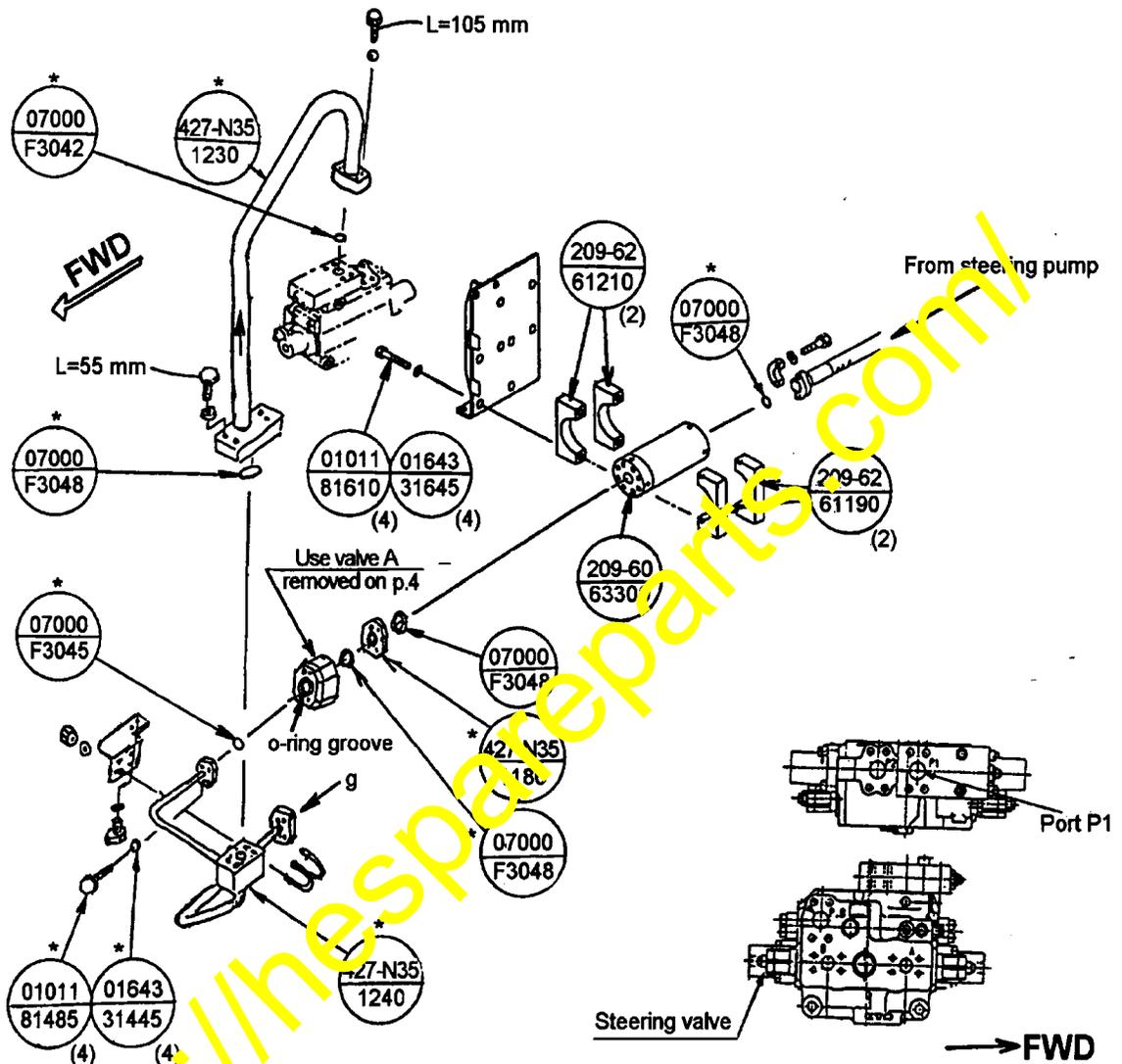
③ Switch pump to steering valve.

\*mark parts = parts as shown on page 2 parts list.



④ Steering pump to steering valve or emergency steering line.

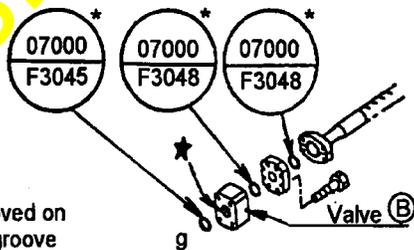
\* mark parts = as shown on page 2 parts list.



g. with emergency steering system

Note 2.

Use valve (B) removed on p. 4. Direct o-ring groove to mark.



g. with emergency steering system (add blind plug)

