

PARTS & SERVICE NEWS

REF NO.	AA02093
DATE	March 27, 2002

SUBJECT: REINFORCING STEERING CYLINDER MOUNTS

PURPOSE: Introduce to the field a kit for reinforcing steering cylinder mounts.

APPLICATION: Komatsu 930E Dump Trucks A30121 thru A30291

FAILURE CODE: 4711HA

DESCRIPTION: Steering Cylinder Mount Kit (XK0083)

Some trucks in the field may experience cracking at the weld joint for the steering cylinder mounts. Steering Cylinder Mount Kit (XK0083) has been developed to reinforce the cylinder mounts and prevent any further cracking in this area.

Inspect the steering cylinder mounts for cracking. Repair any cracks that are found and install Steering Cylinder Mount Kit (XK0083). Follow the guidelines that are outlined in Parts and Service News, "FIELD WELDING FOR ASSEMBLY OR REPAIR" (AA000463). For additional welding guidelines, refer to Welding I (SEBF40001) and Welding II (SEBF15002).

Contents of the kit are listed in the table below. The kit contains drawing EJ4398 which outlines instructions and specifications for the installation of the kit. Refer to Figure 1 for a copy of the drawing.

STEERING CYLINDER MOUNT KIT (XK0083)		
Part Number	Description	Quantity
EJ4398	Steering Cylinder Mount Kit Drawing	1
EJ4396	Plate, Base RH	1
EJ4397	Plate, Base LH	1
EJ4394	Plate, Gusset Inside RH	1
EJ4395	Plate, Gusset Inside LH	1
EJ5571	Tube	1
EJ5572	Tube	1
WA3559	Channel	1

Note: At present time, drawing EJ4398 is missing a welding specification for the installation of tube (EJ5572) and channel (WA3559). The proper welding specification is shown in Figure 1 at the installation of components 6 & 7. EJ4398 will be updated in the future to include the proper specification.

⚠ CAUTION

Before any welding repairs are performed, ensure that the piston rods on the suspension and steering cylinders are not exposed. Wrapping of the front suspension piston rod, steering cylinder rods, and front tires is mandatory when grinding and welding in this area. Also, be sure to disconnect the battery and any control circuit cards prior to performing the repair process.

ITEM	QTY	PART NO	DESCRIPTION
1	1	EJ4396	PLATE BASE RH
2	1	EJ4397	PLATE BASE LH
3	1	EJ4394	PLATE, GUSSET INSIDE RH
4	1	EJ4395	PLATE, GUSSET INSIDE LH
5	1	EJ5571	TUBE STR
6	1	EJ5572	TUBE STR
7	1	WA3559	CHANNEL

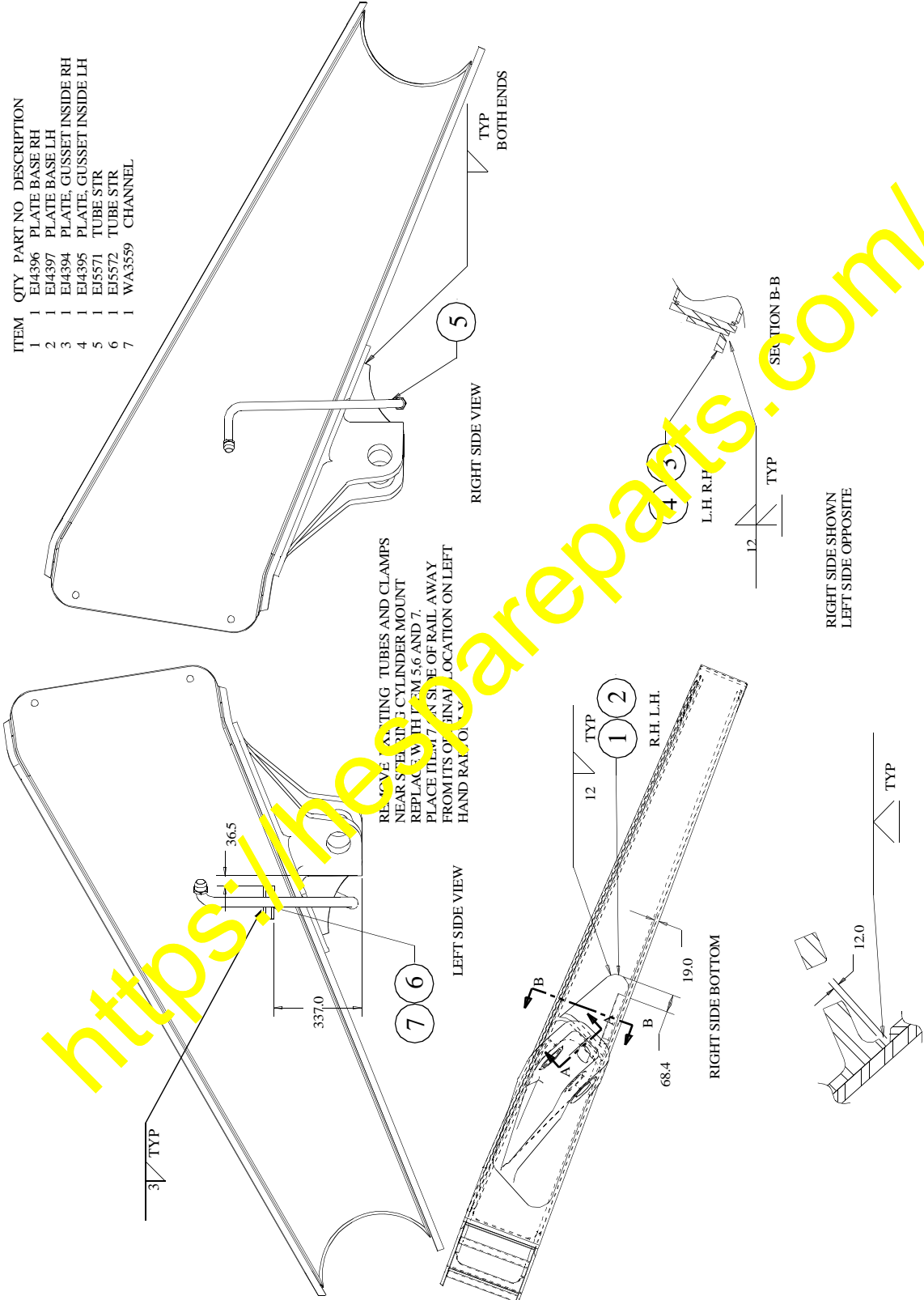


FIGURE 1. INSTALLATION DRAWING EJ4398