

# PARTS & SERVICE NEWS

REF NO. AA00196

DATE Aug. 17, 2000

(C)

Page 1 of 4

**SUBJECT:** FUEL QUICK FILL

**PURPOSE:** To introduce procedure to replace Fuel Quick Fill

**APPLICATION:** WA500-3L Wheel Loader, S/N A70001 THRU EST. A70793  
WA600-3L Wheel Loader, S/N A52001 THRU EST. A52183

**FAILURE CODE:** 041113

**DESCRIPTION:**

This **Parts & Service News** introduces an improvement to the quick fill fueling system by adding a sealed cap. This will reduce the possibility of leakage that may occur with the vented cap.

The new fuel tube assembly will be mounted to the existing fuel nozzle.

**PARTS REQUIRED:**

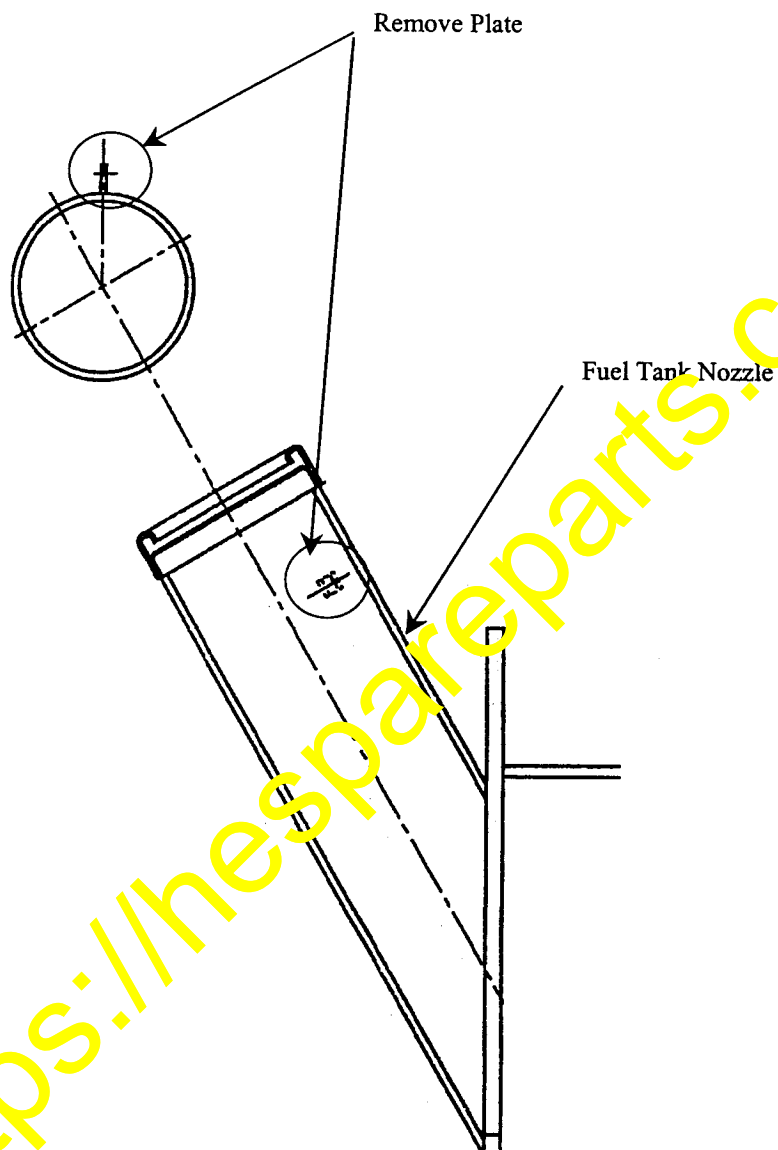
INDEX	PART NO.	DESCRIPTION	QTY.
1	426-04-A2220	Tube Assembly	1
2	426-04-A2230	Plate	1
3	19M-04-11220	Cap	1

**IMPORTANT:** Please observe all safety and precautionary standards as dictated by the environment and work conditions under which the equipment will be inspected, reworked and repaired. Consult the "Shop Manual" and your Komatsu District Service Manager with any and all questions regarding safety.

1. Park the machine on a flat level surface, lower the boom and bucket to the ground. Shut off the engine and cycle the controls to remove any residual hydraulic pressure from the boom and bucket circuits. Fully apply the parking brake.
2. Place chocks at the front and rear of all wheels to prevent the machine from moving.
3. Place the safety bar on the machine.
4. Remove the key from the start switch and retain it until the repairs are complete. Attach a tag on the steering wheel advising: **"This machine is being repaired. It should not be started or moved for any reason until the tag is removed by the person doing the work"**.

**REWORK INSTRUCTIONS:**

Remove the plate on the fuel tank nozzle shown in Fig. 1.



**FIGURE 1**

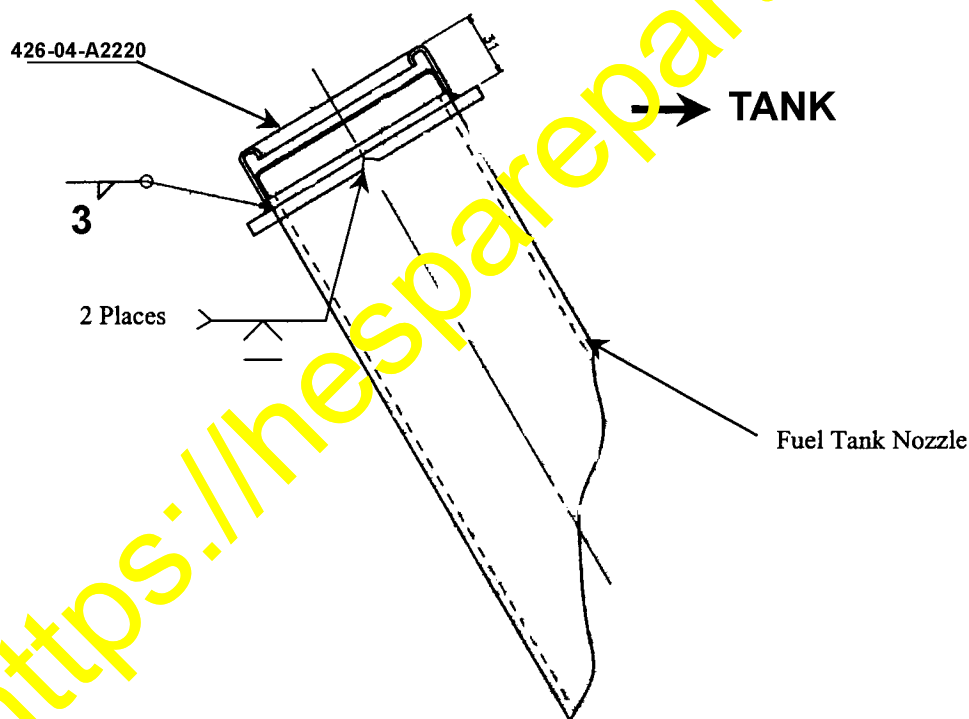
**CAUTION! THE FOLLOWING PRECAUTIONS MUST BE TAKEN BEFORE WELDING ON THE FUEL TANK.**

1. Drain the fuel completely from the tank.
2. Disconnect all lines from the tank and plug
3. Fill the tank completely with water (up to the cap) in order to remove any fumes

Obtain P/N 426-04-A2220 (plate). Measure 31mm from top of filler, weld plate to fuel tank nozzle as shown in Fig. 1, weld both parts of plate parallel with each other connecting as one piece.

Weld plate parallel with tank and with chamfer on bottom (toward the ground). Clean Fuel tank nozzle thoroughly before welding.

**FILLER**

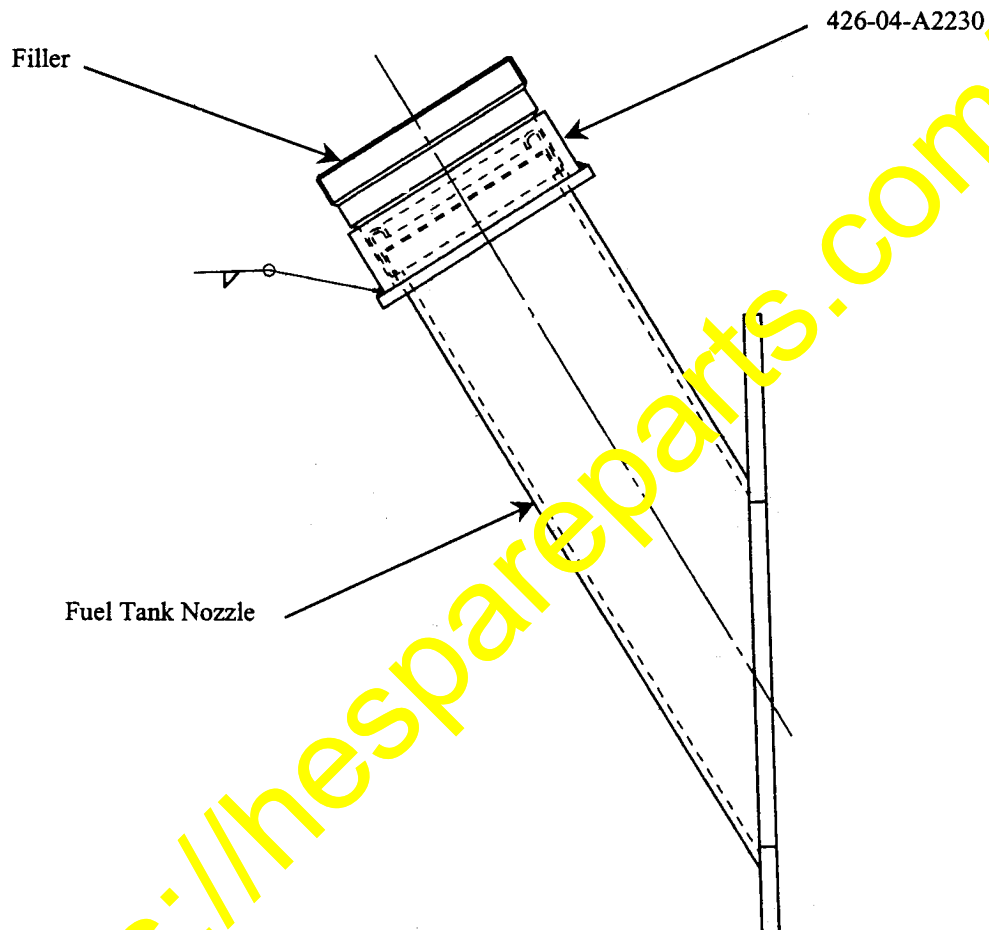


**FIGURE 2**

Weld P/N 426-04-A2230 (Tube Assembly) to the existing fuel tank nozzle as shown below in Fig. 3.

*After all welding is completed, drain the water and dry the inside of the tank and reconnect all lines before refueling.*

Install cap 19M-04-11220 to fuel filter



**FIGURE 3**