

PARTS & SERVICE NEWS

REF NO. AA02035A

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This **Parts & Service News** supercedes AA02035 dated Jan. 25, 2002 and should be discarded

SUBJECT: INTRODUCTION OF IMPROVED FUEL FILLER PORT CAP FOR WIGGINS SYSTEM

PURPOSE: To introduce a new filler port cap with increased pressure resistance for use with the Wiggins Quick Fill fuel filling system.

APPLICATION: WA500-3 Wheel Loaders, S/N 50001 and up
 WA500-3L Wheel Loaders, S/N A70001 and up
 WA5003LK Wheel Loaders, S/N A71001 and up
 WD500-3 Wheel Loaders, S/N 50001 and up
 WA600-3 Wheel Loaders, S/N 50001 and up
 WA600-3L Wheel Loaders, S/N A52001 and up
 WA600-3LK Wheel Loaders, S/N A53001 and up
 WD600-3 Wheel Loaders, S/N 50001 and up
 WA700-3 Wheel Loaders, S/N 50001 and up
 WA800-3 Wheel Loaders, S/N 50001 and up
 WA900-3 Wheel Loaders, S/N 50001 and up
 WD900-3 Wheel Loaders, S/N 50001 and up
 WA1200-3 Wheel Loaders, S/N 50001 and up

FAILURE CODE: 041413

DESCRIPTION:

This **Parts & Service News** will introduce a new fuel filler port cap with increased pressure resistance which is effective to prevent fuel leakage through the fuel filler port cap occurring when refilling the fuel using the Wiggins' Quick Fill.

The Wiggins system is so designed to stop the fuel feed when the internal pressure of the fuel tanks reaches 5.5 PSI (0.39 kg/cm²). However, since the pressure resisting capacity of the current fuel filler port cap is lower than this level, fuel leakage can occur through the cap seal when refilling the fuel using the Wiggins' system.

To prevent this type of fuel leakage, the method of fastening the cap has been changed to use bolts to increase the sealing capacity.

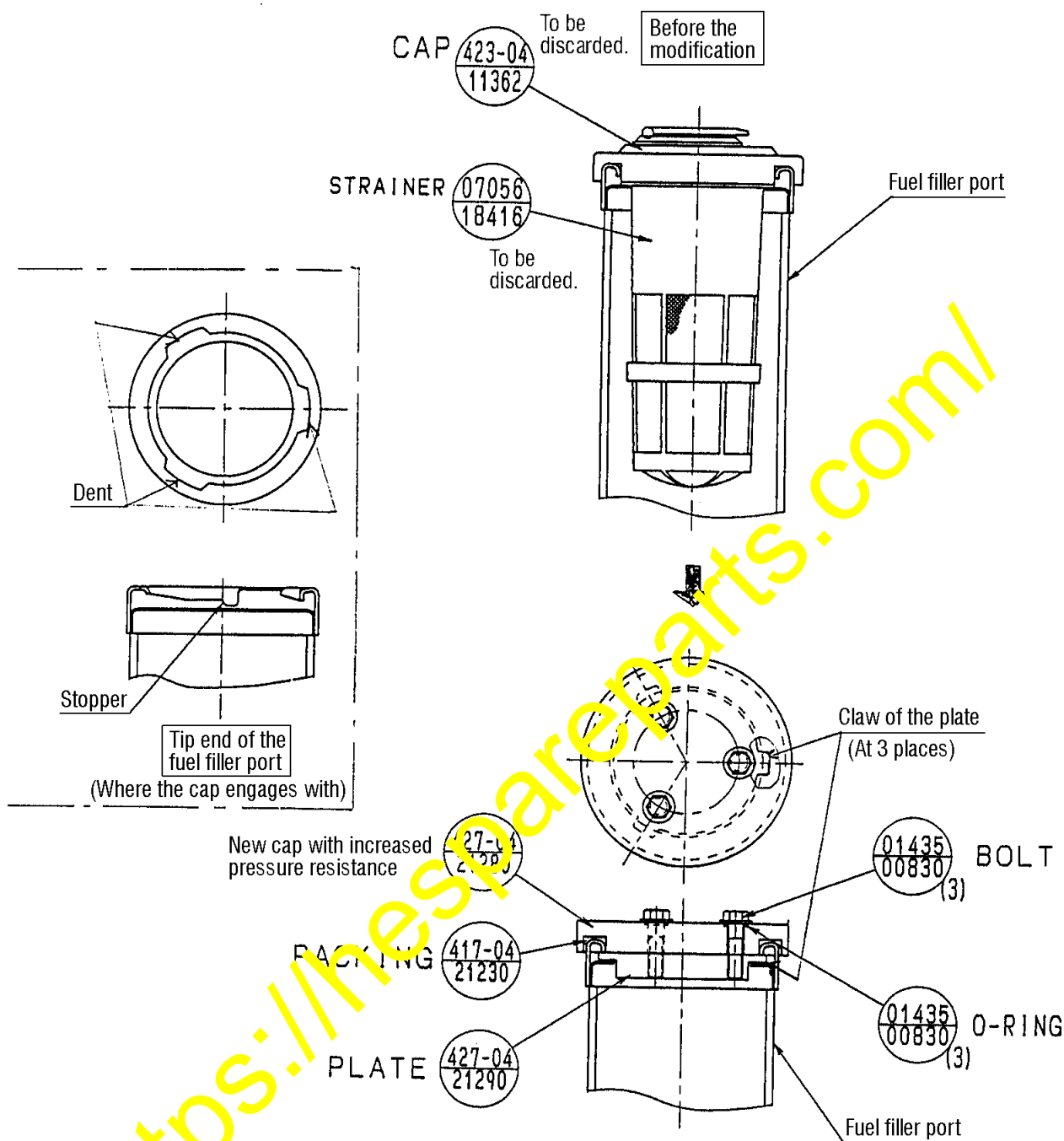
CAUTION: BE CAREFUL SINCE FUEL CAN BE REFILLED BY USE OF THE QUICK FILL ONLY WHEN THIS MODIFICATION IS MADE.

(THIS MEANS, REFILLING THROUGH THE FUEL FILLER PORT CAP WILL BECOME IMPOSSIBLE).

2. List of parts

Part No.	Part Name	Q'ty	Remarks
427-04-21280 (423-04-11362)	Cap (Cap)	1 (1)	With the WA1200-3 only, since this machine carries two fuel filler ports, the quantities of parts necessary becomes double the quantities indicated at left. (For all the listed parts)
427-04-21290	Plate	1	
417-04-21230	Packing	1	
01435-00830	Bolt	3	
07000-11010	O-ring	3	

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● Installing the new fuel filler port cap with increased pressure resistance

- ① Remove the current cap (423-04-11362) and strainer (07056-18416).
- ② Insert the packing (417-04-21230) into the groove of the new cap with increased pressure resistance (427-04-21280).

Then, temporarily assemble the new cap with increased pressure resistance, the plate (427-04-21290) and the O-ring using the mounting bolts.

- ③ Install the aforementioned sub-assembly (cap assembly) to the tip end of the fuel filler port.

Set the plate (427-04-21290) so that its claws engage with the dents provided at the tip end of the fuel filler port and, after that, turn the cap assembly clockwise until the claws of the plate come to hit the stopper provided at the tip end of the fuel filler port.

- ④ Tighten the three bolts evenly.
(Tightening torque: 14.7 – 34 Nm {1.5 – 3.5 kgm})