

PARTS & SERVICE NEWS

REF NO.	AA00185
DATE	August 9, 2000

(C)

SUBJECT: ACCELERATOR PEDAL IMPROVEMENTS

PURPOSE: To prevent corrosion and subsequent malfunction of pedal

APPLICATION:

WA120-3L	Wheel Loader	Serial Number A30001 through A30222
WA180-3L	Wheel Loader	Serial Number A80001 through A80638
WA180-3PTC	Wheel Loader	Serial Number A85001 through A85275
WA250-3L	Wheel Loader	Serial Number A70001 through A70571
WA250-3MC	Wheel Loader	Serial Number A71001 through A71129
WA250PT-3MC	Wheel Loader	Serial Number A78002 through A78029
WA320-3L	Wheel Loader	Serial Number A30001 through A30493
WA320-3MC	Wheel Loader	Serial Number A31001 through A31453
WA380-3L	Wheel Loader	Serial Number A50001 through A50493
WA380-3MC	Wheel Loader	Serial Number A51003 through A51339
WA420-3L	Wheel Loader	Serial Number A30001 through A30174
WA420-3MC	Wheel Loader	Serial Number A31003 through A31084
WA450-3L	Wheel Loader	Serial Number A30001 through A30361
WA450-3MC	Wheel Loader	Serial Number A31003 through A31188

FAILURE CODE: 433445

DESCRIPTION:

Introduction:

The current accelerator pedal is equipped with a zinc-coated steel pivot pin. Due to the different working conditions, such as mud, dirt, and salt, the pivot pin corrodes and the pedal does not fully return to the low idle position. This PARTS AND SERVICE NEWS provides a procedure which installs an additional extension spring and replaces the old pedal with one which has a stainless steel pivot pin.

PARTS LIST

Item	Part Number	Description	Qty	Remarks
1	417-43-11200	Pedal	1	For Reference Only
2	413-43-18240	Spring	1	
3	424-43-11170	Plate	1	
4	-	Cotter Pin	1	
5	-	Pin	1	
6	-	Nut	1	
7	-	Pedal Bracket	1	
8	-	Bolt	3	
9	-	Pedal Assembly	1	

Item	Part Number	Description	Qty	Remarks
10	-	Yoke	1	For Reference Only

Machine Preparation:

PLEASE OBSERVE ALL SAFETY AND PRECAUTIONARY STANDARDS AS DICTATED BY THE ENVIRONMENT AND WORK CONDITIONS UNDER WHICH THE EQUIPMENT WILL BE INSPECTED, REWORKED, OR REPAIRED. CONSULT THE "SHOP MANUAL", "OPERATOR'S AND MAINTENANCE MANUAL", OR YOUR "KOMATSU DISTRICT SERVICE MANAGER" WITH ANY/ALL QUESTIONS REGARDING SAFETY.

1. Park the wheel loader on a flat level surface. Lower the boom and bucket to the ground, shut off the engine, and remove the key. Exercise the equipment controls to eliminate pressure locked in the system.
2. Attach a tag to the key start stating:
"THIS MACHINE IS BEING SERVICED. DO NOT ATTEMPT TO START THIS MACHINE UNTIL THIS TAG IS REMOVED BY THE PERSON PERFORMING THE SERVICE".

Installation Procedure (See Figure 1):

1. Remove cotter pin (4).
2. Pull out pin (5).
3. Remove the floor mat from inside the cab.
4. Unscrew nut (6) to release the pedal bracket (7).
5. Unscrew the three bolts (8) which fix the pedal to the cab floor.
6. Replace the pedal assembly (9) with the new pedal (1).
7. Fasten the new pedal to the cab floor.
8. Replace the floor mat inside the cab.
9. Remove the yoke (10) from the accelerator cable.
10. Install plate (3) into the threaded shaft with the small hole facing the exterior and down position. Be sure that the small hole in the plate (3) is aligned with the small hole in the pedal bracket (7).
11. Reinstall the yoke (10) to the pedal using the cotter pin (4) and pin (5).
12. Install the extension spring (2) between the pedal bracket and the plate using the small hole of each.
13. Test and adjust the accelerator pedal according to the procedures specified in Section 20 of the appropriate Shop Manual.

- The accelerator pedal assembly after modification:

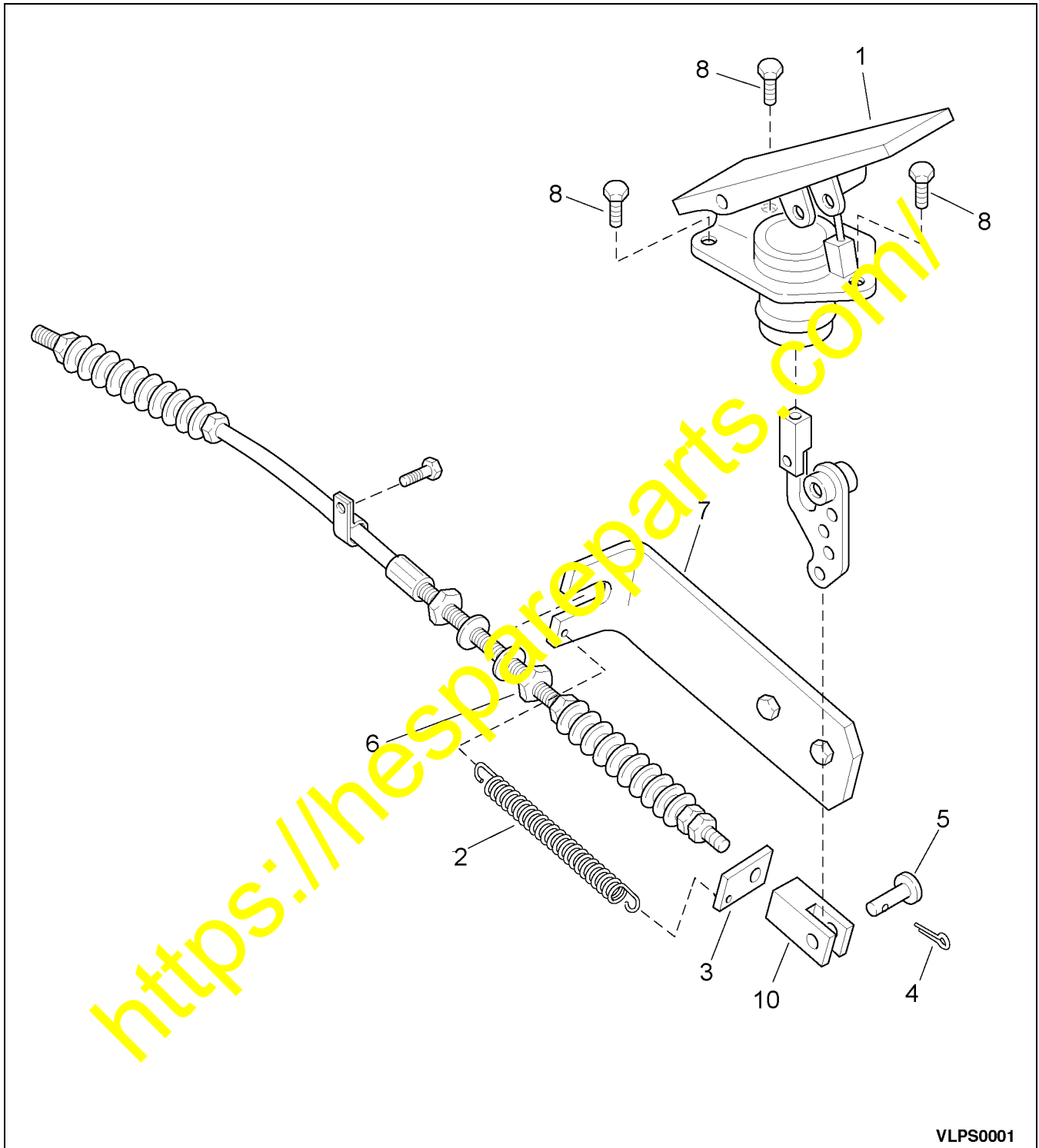


Figure 1

VLPS0001