

**PARTS & SERVICE  
NEWS**

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Page 1 of 3

**SUBJECT:** IMPROVED DUST PREVENTION FOR PARKING BRAKE SWITCH ON WA300-470-3 (CAB-LESS SPEC.)

**PURPOSE:** To introduce modification procedures to increase the dust-tightness of the parking brake switch on WA300-3 thru WA470-3 cab-less spec. wheel loaders

**APPLICATION:** WA300-3 Wheel Loaders, Serial Nos. 50001 thru 55081  
 WA350-3 Wheel Loaders, Serial Nos. 50001 thru 55079, 60001 thru 65013  
 WA400-3 Wheel Loaders, Serial Nos. 50001 thru 55032, 60001 thru 64108  
 WA450-3 Wheel Loaders, Serial Nos. 50001 thru 55055, 60001 thru 65011  
 WA320-3 Wheel Loaders, Serial Nos. 50001 thru 54121  
 WA380-3 Wheel Loaders, Serial Nos. 50001 thru 54134  
 WA420-3 Wheel Loaders, Serial Nos. 50001 thru 54129  
 WA470-3 Wheel Loaders, Serial Nos. 50001 thru 54150

**FAILURE CODE:** DDU150

**DESCRIPTION:**

## 1. Introduction

With the WA300-3 thru WA470-3 cab-less spec. wheel loaders being used on dusty work sites, dust may enter into the parking brake switch and cause malfunctioning (stiffness) of the switch. When such malfunctioning is found, eliminate the problem by following the modification procedures outlined in this Service News.

## 2. List of parts

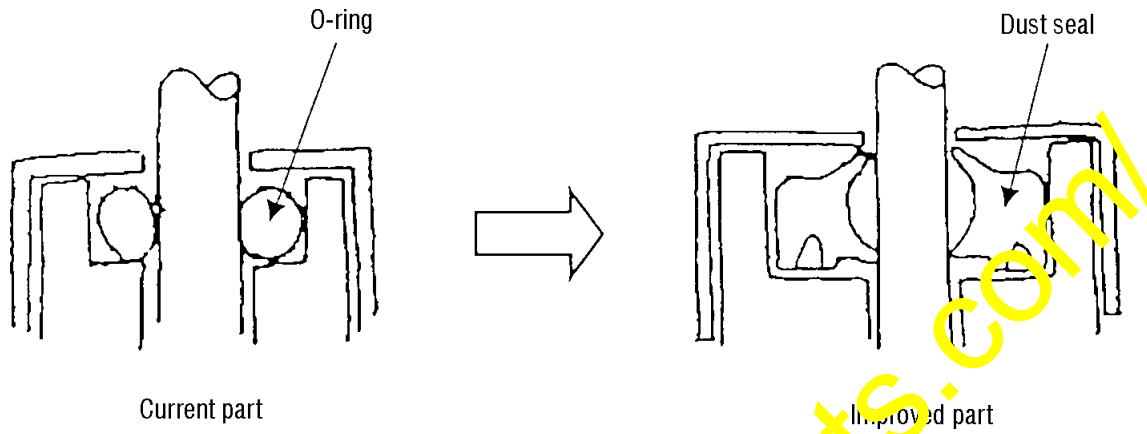
Part No.	Part Name	Purpose of part	Q'ty	Remarks
421-43-56122 (421-43-161) (1)	Switch A. (Switch A.)	} Replacement	1 (1)	} Refer to Note 1
421-43-26471 (421-43-26470)	Switch (Switch)		1 (1)	

Note 1. Do not discard the current switches in your stock but use them for ordinary repairs on machines other than the cab-less spec. machines that are the target machines of this Service News.

3. Contents of the modification

The sealing for the parking brake switch has been modified to improve dust-tightness of the switch.

Sealing: O-ring → Dust seal



<https://hespareparts.com/>

#### 4. Modification procedures

Replace the parking brake switch incorporated in the transmission control switch assembly following the procedures outlined below.

- (1) Remove the four M4 screws [A] to remove the case [B].
- (2) Remove the two M4 screws [C] to remove the knob [D].
- (3) Remove the four M3 screws [E] to remove the coupler plate [F] and the coupler [G].
- (4) Remove the two M4 screws [H] to remove the current parking brake switch [I] (421-43-26470).
- (5) Setting the improved parking brake switch [J] (421-43-26471) to its position, fasten it by tightening the two M4 screws [H].  
Tightening torque: 7.8 Nm (0.8 kgm)
- (6) Setting the coupler [G] to the coupler plate [F], fasten the coupler plate by tightening the four M3 screws [E].  
Tightening torque: 5.9 Nm (0.6 kgm)
- (7) Setting the knob [D] to its position, fasten it by tightening the two M4 screws [C].  
Tightening torque: 7.8 Nm (0.8 kgm)
- (8) Setting the case [B] to its position, fasten it by tightening the four M4 screws [A].  
Tightening torque: 7.8 Nm (0.8 kgm)

**[Caution!]** When assembling, make sure the spring pin of the shaft of the parking brake switch [J] is in due engagement with the U-groove of the knob [D].

