

PARTS & SERVICE NEWS

REF NO. AA01155

DATE October 17, 2001

(C)

Page 1 of 4

SUBJECT: REAR WINDOW TIMER DEFROSTER

PURPOSE: Release new defroster timer relay that will eliminate involuntary wiper activation

APPLICATION: WA180-3MC Wheel Loader Serial Number A81001 thru A81024
 WA180PT-3MC Wheel Loader Serial Number A88007
 WA250-3MC Wheel Loader Serial Number A71195 thru A71229
 WA250PT-3MC Wheel Loader Serial Number A78042 thru A78051
 WA320-3MC Wheel Loader Serial Number A31486 thru A31530
 WA380-3MC Wheel Loader Serial Number A51373 thru A51376
 WA420-3MC Wheel Loader Serial Number A31092
 WA450-3MC Wheel Loader Serial Number A31215 thru A31216

FAILURE CODE: DDH3MA

DESCRIPTION:

Some units have had electrical malfunctions of the timer-relay for the rear window defroster system. There may be a induced voltage from an alternate power source (Resulting in involuntary wiper motor activation).

1. 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 AND REPAIRED. CONSULT THE APPROPRIATE WHEEL LOADER "SHOP MANUAL" AND "OPERATOR'S AND MAINTENANCE MANUAL" AND 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 controls stating "**THIS MACHINE IS BEING SERVICED. DO NOT ATTEMPT TO START THIS MACHINE UNTIL THIS TAG IS REMOVED BY THE PERSON PERFORMING THE SERVICE**".

2. Introduction:

The timer-relay will be removed and replaced with a new one.

PARTS:

Remove the following parts:

PART #	DESCRIPTION	QTY.	REUSE
417-06-A1540	TIMER-RELAY	1	
01023-70414	SCREW	2	☆

Replace with the following parts:

PART #	DESCRIPTION	QTY.	
417-06-A1541	TIMER-RELAY	1	

3. Replacing timer-relay.

1- Using Philips screwdriver, remove the rear plastic covers.



2 - Remove steel plate.



3 - Remove rear console plate

Plate of rear console.

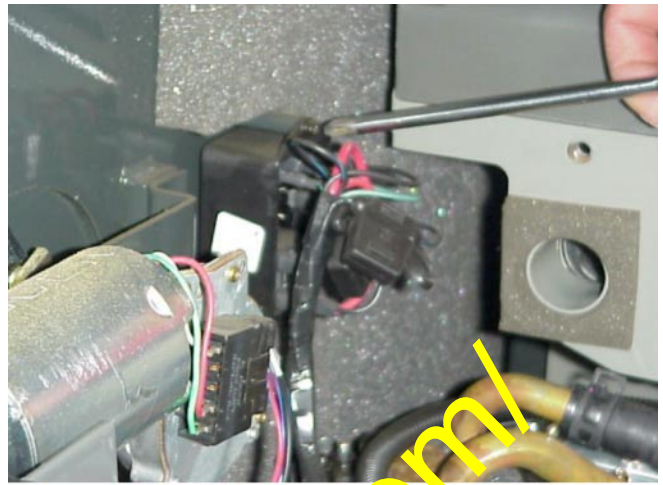


4- Open covers of rear boxes and unscrew bolts to remove.



<https://hespareparts.com/>

5- Disconnect wires to the timer-relay and remove the two screws to replace the timer-relay



<https://hespareparts.com/>