

INSTALLATION MANUAL

REF NO. BA02025

DATE Nov. 25, 2002

Page 1 of 3

SUBJECT: BACKUP ALARM (REVERSE DRIVING)

PURPOSE: Additional mounting of backup alarm

APPLICATION: WA65-3 Wheel Loaders, S/N H940120 and up
WA75-3 Wheel Loaders, S/N H950170 and up
WA95-3 Wheel Loaders, S/N H980090 and up

FAILURE CODE: DV20PP

DESCRIPTION:

On the above Wheel Loaders as an option an additional backup alarm can be installed. The connector for the additional harness is already installed at the engine harness. An additional relay has to be mounted in the relay socket under the upper cover of the instrument box in the cab.

The additional harness will be layered and two horns will be mounted inside of the engine hood. Instructions for mounting the 2 horns, additional harness and additional relay are as follows:

Spare Parts:

Position	Name	Part Number	Quantity
1	Horn	42U-06-191150	2
2	Plug housing	424-553-H160	2
3	Plug	421-00-H1100	4
4	Insulation hose	421-00-H2160	37 cm
5	Relay with diode	42U-06-11320	1
6	Harness	42U-06-12390	1
7	Cable binder	08034-20834	3

Preparation:

- Stop the machine on level ground and apply the parking brake.
- Stop the engine.
- Lower the work equipment to the ground.

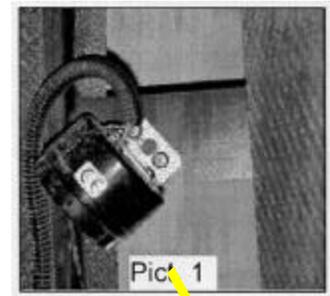
Execution:

Mount the insulation hose (Position 4) and the plug (Position 3) with plug housing (Position 2) at the horns (Position 1).

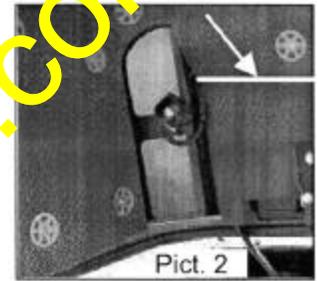
- Halve the insulation hose
- Pull over one half of the insulation hose over the red and black cable on both horns.
- Mount two (2) plugs (Position 3) and one (1) plug housing (Position 2) on each horn.

Rework in the engine compartment:

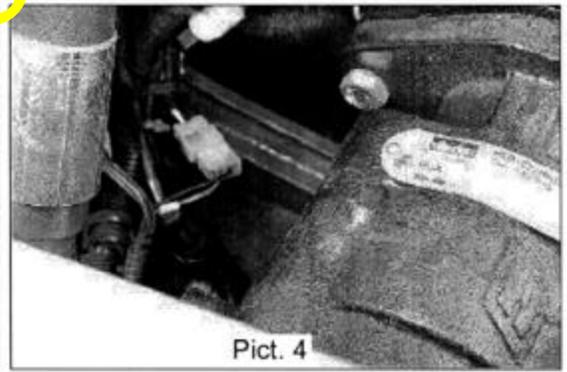
- 1) Mount the horns (Position 1) inside of the engine hood (Picture 1).



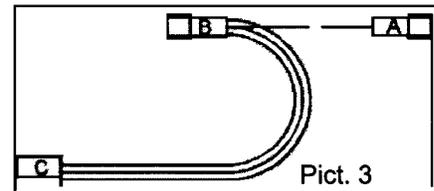
- 2) Slot the insulator mat from left horn to right horn (Picture 2, arrow).
- 3) Connect the additional harness at the horns and lay the cable into the slot. Plug A right horn, Plug B left horn.



- 4) Lay the additional harness left side down to the harness.
At engine harness you will find a gree connector XM10 near the hydraulic pump (Picture 4)



- 5) Connect to plug XM10 the additional harness with plug (Picture 3)

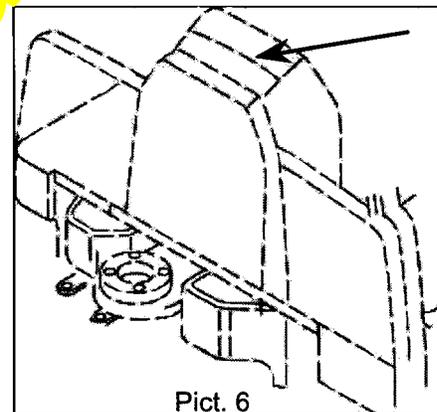


- 6) Fix the additional harness with cable binders
(Picture 5)



Rework in the cab:

- 7) Remove the upperside cover of the instrument box
(Picture 6, Arrow)



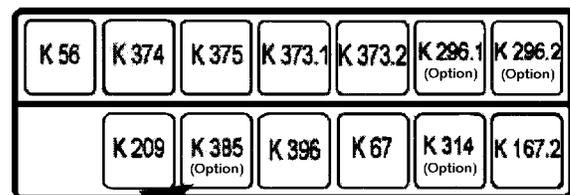
- 8) Plug the relay with diode (Position 5) into the socket
"K385" (Arrow)

- 9) Screw on the cover.

- 10) Switch on the ignition.

- 11) Set the drive range switch to position "R"
(Reverse).

- 12) The horns must sound in an interval.



WA65-3 through WA95-3