

PARTS & SERVICE NEWS

REF NO.	AA04081
DATE	June 9, 2004

(C)

Page 1 of 3

SUBJECT: INTRODUCE AN IMPROVED ELECTRIC HORN

PURPOSE: To introduce a new electric horn with an improved sound quality and its installation procedures for use on wheel loaders listed.

APPLICATION: WA350-3 Wheel Loader Serial Number 50001 and UP
 WA350-3 Wheel Loader Serial Number 60001 and UP
 WA380-3 Wheel Loader Serial Number 50001 and UP
 WA380-3 Wheel Loader Serial Number 60001 and UP
 WA400-3 Wheel Loader Serial Number 50001 and UP
 WA400-3 Wheel Loader Serial Number 60001 and UP
 WA420-3 Wheel Loader Serial Number 50001 and UP
 WA420-3 Wheel Loader Serial Number 60001 and UP
 WA450-3 Wheel Loader Serial Number 50001 and UP
 WA450-3 Wheel Loader Serial Number 60001 and UP
 WA470-3 Wheel Loader Serial Number 50001 and UP
 WA470-3 Wheel Loader Serial Number 60001 and UP
 WA500-3 Wheel Loader Serial Number 50001 through 50292
 WA500-3L Wheel Loader Serial Number A70001 through A70291

FAILURE CODE: DV10Z9

DESCRIPTION: This Service News will introduce a new electric horn with improved sound quality and with more appeal to the ear, for use on WA350-3 through WA470-3 and WA500-3 wheel loaders. When locally installing this new electric horn, follow the installation procedures given in this Service News.

MACHINE PREPARATION

1. Park the machine on a flat level surface; lower the work equipment to the ground. Shut off the engine and cycle the controls to remove any residual hydraulic pressure from the work equipment circuits. Turn the parking brake switch on and block the tires.
2. Remove the key from the ignition switch until the repairs are complete. Place a tag on the steering controls advising: "This machine is being repaired. It should not be started or moved for any reason until the tag is removed by the person doing the repairs."



WARNING! 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 "Shop Manual" and "Operator's and Maintenance Manual" and your "Komatsu district service manager" with any/all questions regarding safety.

Remark

These instructions are intended to supplement the service data contained in the appropriate "Shop Manual". Always refer to that manual for Removal, Installation, Disassembly and Reassembly instructions when not contained in this document.

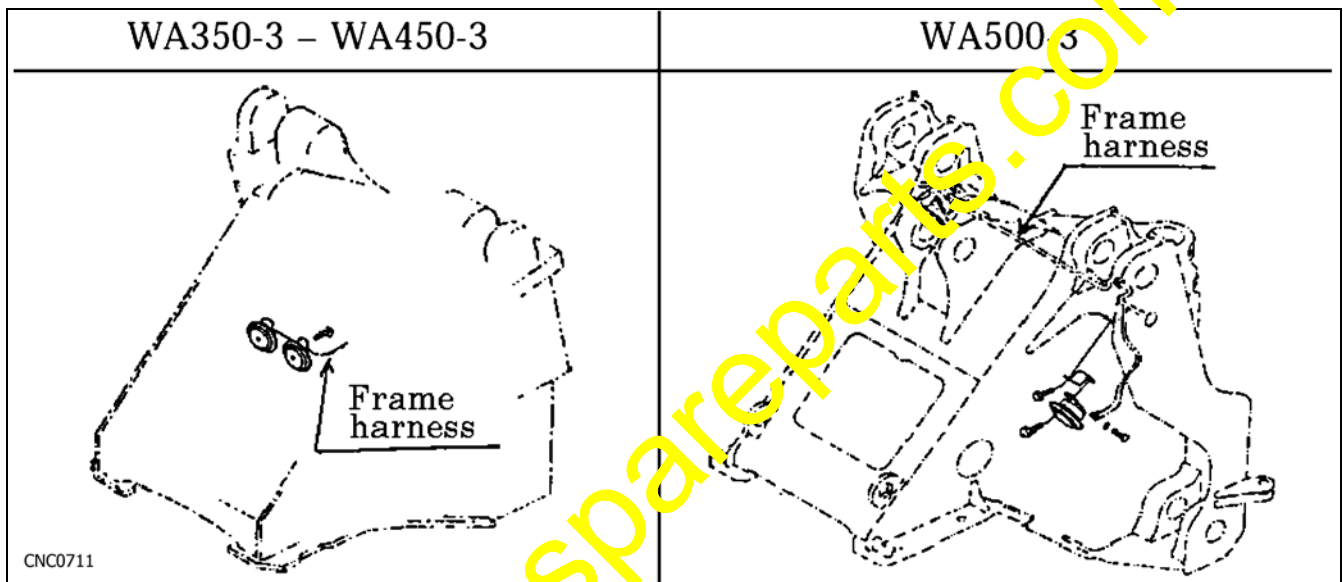
PARTS

No.	Part Number	Description	Qty.	Remark
1	427-06-21210	HORN, KIT	1	
2	42025-4	CONNECTOR	4	JAPAN
3	170823-3	COVER	4	JAPAN

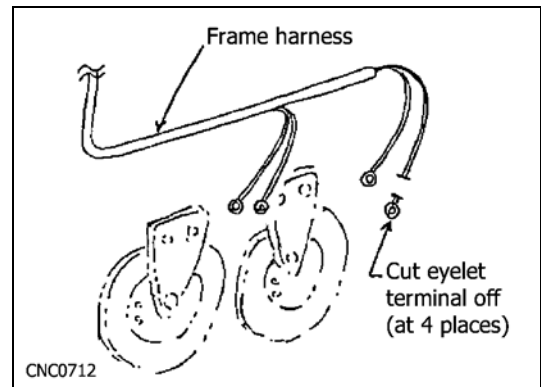
REMOVAL AND INSTALLATION

★ Removing the current horn

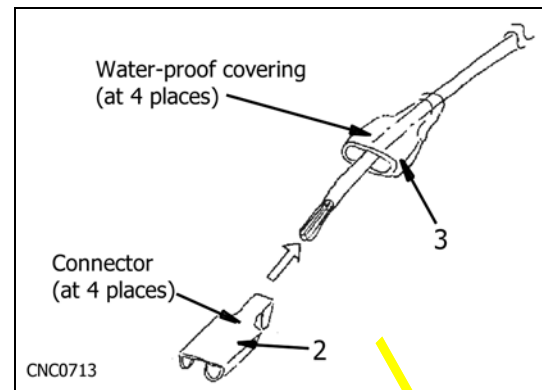
- Remove the current horn being installed to the location shown in the schematic diagrams given below. Meanwhile, keep the mounting bolts since they will be reused.



- Rework the harness terminal. Disconnect the terminals connecting to the horn (eyelet terminals, at 4 places) and cut off the eyelet terminal.

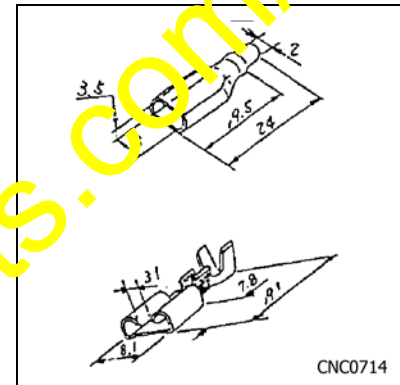


- First, insert the waterproof cover through a lead from which the eyelet terminal has been removed. Now, caulk the new connector over the lead.



- Next, push the waterproof cover back until it covers the caulked connector totally. This completes the terminal installation. Repeat the above with remaining three leads.

★ Installing the new horn



- Install the new horn kit (Hi and Lo) according to the schematic diagram given at right, and connect the reworked terminals.

