

PARTS & SERVICE NEWS

REF NO.	AA03050
DATE	March 25,2003

SUBJECT: JOYSTICK STEERING HARNESS (LEVER) FAILURE

PURPOSE: Add conduit to prevent bending failure of wiring harness

APPLICATION: WA500-3L Wheel Loader Serial Number A70001 thru A70832
WA500-3LK Wheel Loader Serial Number A71001 thru A71224
WA600-3L Wheel Loader Serial Number A52001 thru A52224
WA600-3LK Wheel Loader Serial Number A53001 thru A53055

FAILURE CODE: D5Z0Z9

DESCRIPTION: In some cases the Joystick lever wiring harness may become kinked or subject to excessive tension in the area between the lever and the grommet in the lever assembly. This Parts and Service News provides instructions for installing a small section of conduit on the harness. The conduit will serve to both secure the harness and increase the bending radius of this harness section.

REQUIRED PARTS:

No	Part Number	Description	Quantity
1	08017-31001	Conduit	1
2	N/A	Electrical tape	



WARNING! Before starting any work do the following:

1. Park the machine straight and on level ground.
2. Lower the work equipment to rest upon the ground.
3. Engage the parking brake.
4. Turn off the engine.
5. Set the safety bar and block the wheels.

PROCEDURE:

1. Separate the Joystick Steering (J/S) lever boot from the plastic cover to access the harness.
2. Push approximately 10 mm of harness through grommet.
3. Install band-tie tightly to secure harness.
4. Add the conduit to the harness as indicated in "View X".
5. After installing the conduit, move the lever full left and right and check for binding.
6. Reinstall the lever boot.

