

TECHNICAL BULLETIN

Item Number: GPPT 0190-6PLY

Description: Wheels on applicable CPS machines

Notice: CPS has issued an official instruction guide for wheel removal and replacement.

Reason: Proper wheel installation and correct snap ring seating are critical to prevent wheel loosening and ensure safe machine operation.

Overview:

CPS is providing official guidance for the removal and installation of wheels on applicable CPS machines. This bulletin supports proper service procedures and helps ensure safe operation and machine stability after wheel replacement.

Purpose:

- Provide clear guidance for wheel removal and installation
- Prevent wheel detachment during operation
- Ensure proper seating of snap rings and wheel alignment
- Maintain safe machine handling and mobility

Important Notes Before Starting:

- Power off and unplug the machine before beginning any service work.
- Use caution when lifting the machine. Ensure it is properly supported and stable before proceeding.
- Failure to follow proper lifting and installation procedures may result in personal injury or equipment damage.
- Always double-check snap ring placement before operating the machine.

Contact:

For technical support or questions please contact:

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INSTRUCTIONS TO FOLLOW

CPS G-320 XHD WHEEL REMOVAL/INSTALLATION INSTRUCTIONS

Tools Needed:

- Hydraulic floor jack, Small snap ring pliers

Tip: Installation is the reverse of removal. Keep snap rings and plastic washers organized to make reassembly easier.

Safety: Power off and unplug the machine before starting. Make sure the machine is stable and securely supported.



Step 1: Raise and Support the Machine

- Carefully lift the machine using a jack placed under the battery plate.
- Ensure the machine is stable before continuing.
- Wheels should be off the ground.



Step 2: Remove Snap Rings

- Locate the snap rings holding each wheel in place.
- Use the snap ring pliers to carefully remove the snap rings. Also remove plastic washers (2).
- Set snap rings and washers aside for reuse.



Step 3: Remove Wheels

- Slide the wheels off the axle.
- Repeat for all wheels being replaced.



Step 4: Install New Wheels

- Slide the new wheels onto the axle.
- Make sure wheels are fully seated and aligned properly.



Step 5: Reinstall Snap Rings

- Reinstall the plastic washers and snap rings removed in Step 2 onto the axle.
- Ensure each snap ring is fully seated in its groove.



Step 6: Lower the Machine

- Using the jack carefully lower the machine back to the ground.



Step 7: Final Check

- Snap rings are securely installed.
- Machine is stable and level.