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PARTS BULLETIN

DATE: May 23, 2013

BULLETIN NO. _____ PMB1302

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MODEL(S): for CHD100 S/N's 103285 through 103293
and CD1000 S/N 068130

SECTION: _____ 3-4 (Drivetrain)

ATTENTION: PARTS AND SERVICE MANAGERS

SUBJECT: **RING AND PINION UPGRADE KITS**

Upgrade kits are available for Carrydozers using rear axle P/N 255749 (30.36:1) and P/N 252370 (25.62:1). These axles use a left-hand spiral ring and pinion set, with a CCW PTO input. Allied Systems engineering department has developed the following upgrade kits to change the ring & pinion set to a right-hand spiral to improve service life.

- 590114 Kit, Ring & Pinion

For serial numbers CHD100 #103290 through #103293 with rear axle P/N 255749, use kit P/N 590114. This kit changes the LH spiral gear & pinion (30.36:1) to a RH spiral gear & pinion (30.36:1).

Once the kit is installed, rear axle part number changes to: 589645

- 590115 Kit, Ring & Pinion; Gear Ratio Upgrade

For serial numbers CHD100 #103285 through #103288, & CD1000 #068130 with axle P/N's 249528 (front) and 252370 (rear) use kit P/N 590115. This kit changes the gear ratio in both axles from (25.62:1) to (30.36:1) providing an 18% torque increase to the wheels. The ratio change will improve engine power & torque output.

Once the kit is installed, front and rear axle part numbers changes to: 255750 (front), 589645 (rear)

Contact Allied Systems parts or service department with any questions (503-625-2560).