



Product Support Bulletin 2007-005

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Maintenance of Way ~ Work Equipment Bulletin

DATE: August 14, 2007

SUBJECT: Guide Roller Pressure Reducing Valve Kit – 98411120

RATING: **DIRECTIVE**
(Action is required)

ALERT
(Potential Problem)

INFORMATION
(Action is optional)

PRODUCT IMPROVEMENT
(Enhance Product)

MACHINE MODEL(S): CX Hammer

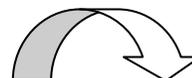
SERIAL NUMBER(S): 410500-410754

SUMMARY: The Driving Gun Carriage Guide Roller receives its oil from the same Pressure Reducing Valve that provides oil for the Carriage Spotting Cylinders. This pressure reducing valve is set at 1500 PSI. On some machines, it was found that the carriage would bind and not move when the guide roller was extended because the pressure in the Guide Roller Cylinders was exerting too much force against the Carriage Guide Rods. The pressure was reduced in the field to 1000-1200 PSI, but this slowed the carriage spotting speed.

To solve this problem, a separate, dedicated **Guide Roller Pressure Reducing Valve, p/n 1606458** has been added to the Guide Roller Valve Stack on the Guide Roller/Spike Feed Manifold on each side of the machine.

OPERATIONAL IMPACT: The dedicated Guide Roller Pressure Reducing Valves will allow the pressure in the Guide Roller Cylinders to be adjusted independently from the Carriage Spotting Cylinders. This will allow good spotting speed and prevent binding of the carriage when the guide rollers are extended.

ACTION: The Guide Roller Pressure Reducing Valve is available in field kit 98411120. This kit includes the Pressure Reducing Valve and installation hardware as well as installation instructions. The kit can be installed in about an hour. Two kits are required, one for each side of the machine.



WARRANTY: None

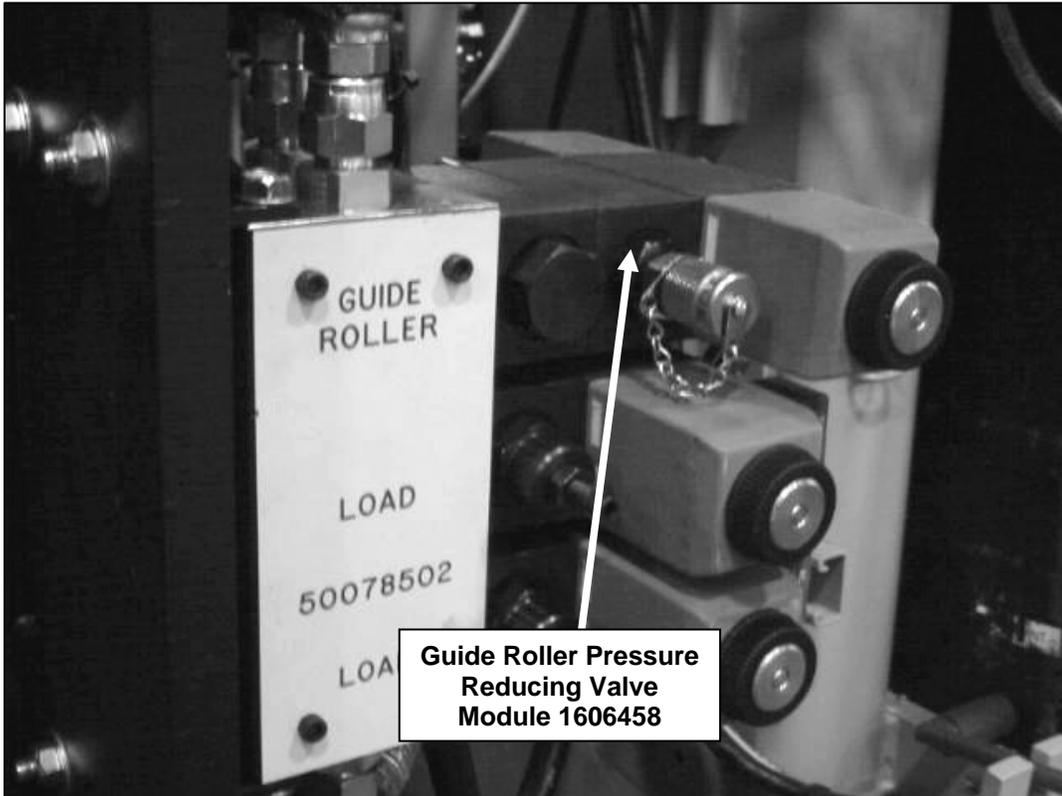


Figure 1

Guide Roller Pressure Reducing Valve Kit - 98411120