



Product Support Bulletin 2003-006

NORDCO Inc. 182 W. Oklahoma Avenue, Milwaukee, WI 53207

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Maintenance of Way ~ Work Equipment Bulletin

DATE: October 28, 2003

SUBJECT: Nipper Cylinder Spherical Bearing Adapter Kits

RATING: **DIRECTIVE**
(Action is required) **ALERT**
(Potential Problem)

INFORMATION
(Action is optional) **PRODUCT IMPROVEMENT**
(Enhance Product)

MACHINE MODEL(S): Model C Spike Driver (12-volt)
99C Spike Driver (24-volt)

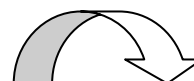
SERIAL NUMBER(S): All

SUMMARY: Nipper Spherical Adapter Kits may be installed to allow front to back movement of the nipper when the side support plates are excessively worn. There are 3 different kits available: Kit **98410153 for 12-volt machines** (does not include a Lifting Bail); Kit **98450398** (with Lifting Bail) and **98450399** (without Lifting Bail) **for 24-volt machines**. If Kit **98450399** is ordered, the original Lifting Bail **MUST** be modified and reused.

OPERATIONAL IMPACT: The Nipper Lift Cylinder is attached to the Nipper Frame with a pin. This pin allows the Nipper Frame to pivot side to side relative to the cylinder, but there is limited cylinder movement front to back. These kits help to reduce the side load on the cylinder rod by increasing the front to back movement of the cylinder at the Nipper Frame. This kit will not prevent cylinder rod damage if the Nippers are lowered while propelling.

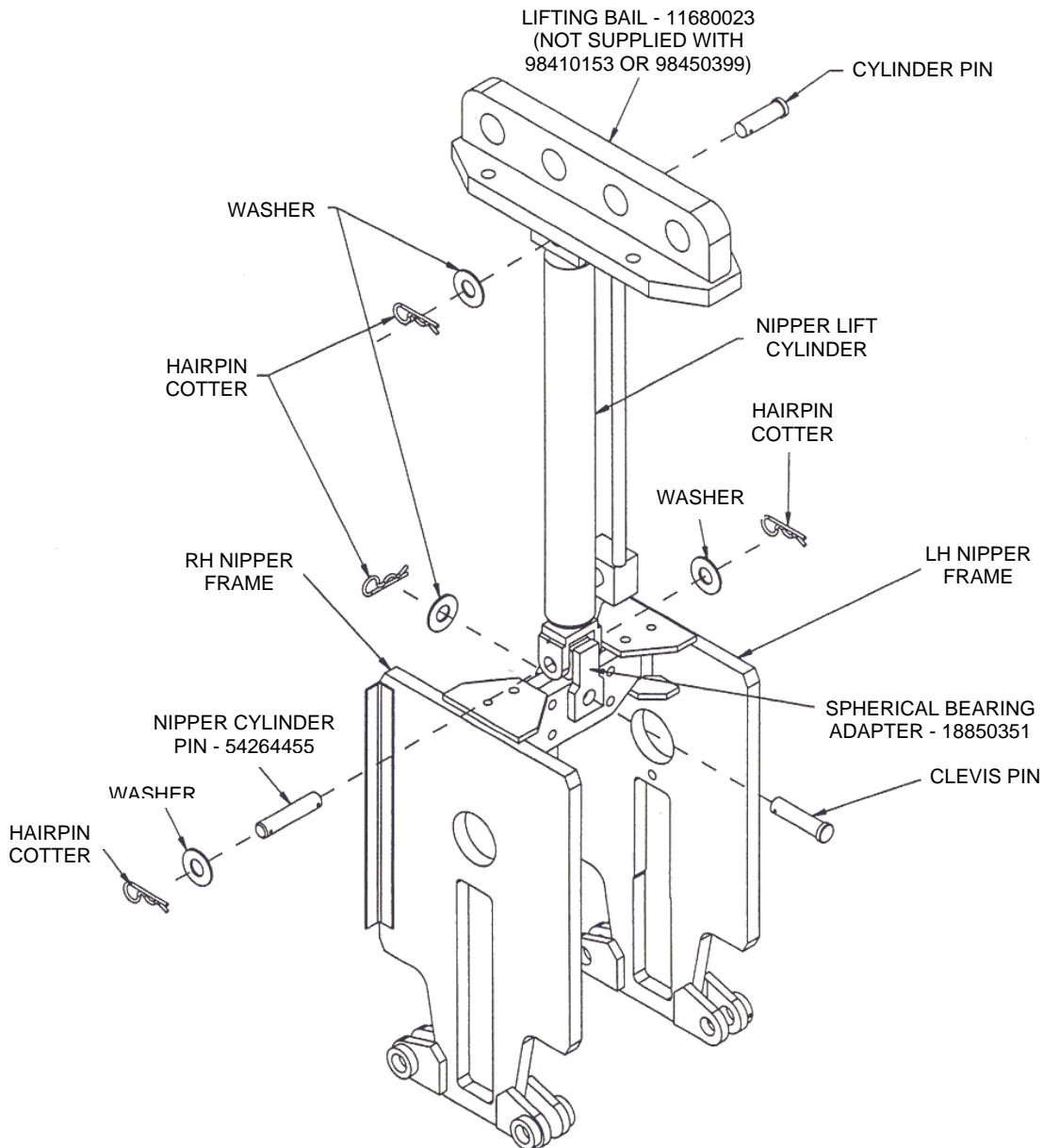
ACTION: The Nipper Lift Cylinder and Lifting Bail must be removed from the machine. The Spherical Bearing Adapter is installed on the Nipper Frame. The original Lifting Bail (12-volt machines) or new or modified Lifting Bail (depending on the kit ordered for 24-volt machines) and the original Nipper Lift Cylinder are re-installed. Contact your NORDCO Representative or the NORDCO Parts Department @ 1-800-647-1724 to order.

WARRANTY: None



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NIPPER ASSEMBLY WITH SPHERICAL ADAPTER KIT



Kit 98410153 (without Lifting Bail) – ALL 12-volt Model C Spike Drivers, S/N 410001-410133

Kit 98450398 (with Lifting Bail) – 24-volt Model 99C Spike Drivers, S/N 410200-410359
Model 99C-03 Spike Drivers, S/N 410400 and up
Model CX Spike Drivers, S/N 410500 and up

Kit 98450399 (without Lifting Bail) – 24-volt Model 99C Spike Drivers, S/N 410200-410359
Model 99C-03 Spike Drivers, S/N 410400 and up
Model CX Spike Drivers, S/N 410500 and up