

2014 Machine Maintenance and Upgrade Recommendations



Nordco has assembled this list of kits and components to help you maintain, repair and upgrade your machines during end-of-year service. This is just a small sample of Nordco's extensive selection of aftermarket products. Please note, the right item for your application may vary based on your machine. Consult **Nordco Parts at 1-800-647-1724**, or visit **www.nordco.com** to search our complete selection of machine parts, kits and exchange components.

MACHINE MAINTENANCE, REPAIR & UPGRADE KITS

CX Hammer Spiker

KENT HAMMER

98410670 **Kent Hammer Maintenance Kit:** Includes charge kit, pressure regulator, tools and parts for Kent Hammer.

68010090 **Kent Hammer KF3 Service Kit:** Includes diaphragm, rod pin, anvil pin, grease fitting and seal kit.

MANIFOLD

98410835 **Dacromet Bolt Kit:** Valve mounting bolts with special anti-corrosion coatings resist seizing up in tapped holes.

WORKHEAD

Various P/N **Jaw Mounting Assemblies:** Quick change-out of complete jaw mount assembly. Available for standard & flared jaws; steel, stainless & chrome guide rods; with & without sleeves

Various P/N **LH & RH Bolt-On Spike Tray Assemblies:** Available for standard, oversized & Evergrip spikes; also with durable carbide tile on wear surfaces.

GAGER

98410204 **Gager Overhaul Kit, Non-Insulated:** Components commonly required for repair and maintenance of gager.

98410263 **Gager Overhaul Kit, Insulated**

98410062 **Gager Buggy Wheel Assembly, LH:** One-step replacement of gager buggy wheel.

98410063 **Gager Buggy Wheel Assembly, RH**

BRAKES

96350760 **Brake Cylinder Assembly:** Includes cylinder, compression brake spring and hardware in preassembled unit.

98410528 **Cobra Brake Assembly Kit:** Includes brake lever, brake head and shoe attached to 96350760 Brake Cylinder Assy.

MACHINE UPGRADES

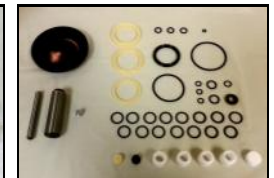
98411207 **Espar Cab Heater Kit:** Increased operator comfort; helps prevent windshield ice-up. Draws in and heats outside air, works independent of engine.

98410320 **Spike Feed Warm-up Kit:** Directs heated hydraulic oil to spike feed cylinder for improved cold weather operation.

- Repair/maintain machine
- Reduce future maintenance
- Improve machine productivity
- Operator comfort & productivity



CX HAMMER



Left: 98410670 Kent Hammer Maintenance Kit. Right: 68010090 Kent Hammer Service Kit.



Left: Jaw Mounting Assembly. Above: Bolt-On Spike Tray Assembly.



Left: 98410204 Gager Overhaul Kit, Non-Insulated. Right top: 98410063 Gager Buggy Wheel Assembly RH. Right bottom: 98410062 Gager Buggy Wheel Assembly LH.



Left: 96350760 Brake Cylinder Assembly. Right: Brake head and shoe included in 98410528 Cobra Brake Assembly Kit.



98410320 Spike Feed Warm-up Kit.



98411207 Espar Heater Kit.

MACHINE MAINTENANCE, REPAIR & UPGRADE KITS

SP2R SPIKE PULLER

MANIFOLD

98310102 **Dacromet Bolt Kit for Left Manifold 50078931:** Valve mounting bolts with special anti-corrosion coatings resist seizing up in tapped holes.

98310103 **Dacromet Bolt Kit for Right Manifold 50078932.**

WORKHEAD

98350136 **Workhead Service Kit (Standard Spike):** Includes selection of parts commonly used to service workhead on SP2R, Grabber, Grabber LS-2 and Super Claw.

98350135 **Workhead Service Kit (Evergrip Spike)**

98350140 **Claw Housing Service Kit:** Includes key components used to service and maintain claw housing on all Nordco spike pullers. (Housing not included).

MACHINE UPGRADES

98330798 **Joystick Upgrade Kit:** Improved, more durable, longer lasting joystick valve.

Left: 98330798 Joystick Upgrade Kit. Right: 98350140 Claw Housing Service Kit.

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SP2R SPIKE PULLER



Left: 98310102 Dacromet Bolt Kit for Left Manifold Right: 98350136 Workhead Service Kit, Standard Spike.



ANCHOR APPLICATOR

WORKHEAD

98690037 **Anchor Holder Maintenance Kit:** Selection of parts frequently used in repair and maintenance of Unit 5 Anchor Tooling on BAAM Anchor Applicator.

MACHINE UPGRADES

96690251 **BAAM Window Guard Assembly:** Sturdy window guard attaches to rear cab. In "up" position protects rear window; in down position can be used as platform to access top of cab.

98680050 **Anchor Bin Guard Kit:** For Anchor Applicator F. Prevents anchors overhanging edge of dump bin from becoming lodged between the edge of the bin and the transfer chute.

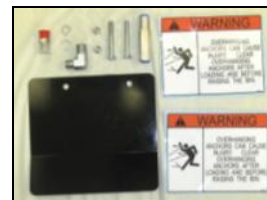
98690014 **BAAM Crossing Alarm Switch Kit:** Prevents damage to workhead by providing audio/visual alarms when approaching crossings.

Left: 98680050 Anchor Bin Guard Kit. Right: 96690251 BAAM Window Guard Assembly.

BAAM ANCHOR APPLICATOR



98690037 Anchor Holder Maintenance Kit.



BALLAST REGULATOR/SNOW FIGHTER

BROOM

98800043 **Broom Element Kit:** 114 elliptical broom element assemblies for complete change-out on one M7.

MACHINE UPGRADES

98800033 **Front Wheel Fender Kit:** Non-skid platform mounts above front wheels on M7. Creates step to access top of machine.

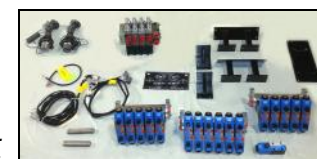
98800017 **M7 Air Compressor Kit:** Machine-mounted 24V air supply for maintenance and powering air tools.

98800015 **Rear Brake Pedal Kit:** Second brake pedal makes it easier for operator to stop machine when in reverse.

98800039 **M7 Valve Kit for M2-14 Ballast Regulator/Snow Fighter:** Upgraded main hydraulic valves and related components for improved performance in extreme weather conditions.

Clockwise from top left: 98800043 Broom Element Kit. 98800033 Front Wheel Fender Kit. 98800017 M7 Air Compressor Kit. 98800039 M7 Valve Kit for M2-14 Ballast Regulator.

M7 BALLAST REGULATOR



MACHINE MAINTENANCE, REPAIR & UPGRADE KITS

TRIPP TIE EXCHANGER

SUSPENSION ARM

- 98760076 **Pivot Pin & Bushing Kit:** Preventative maintenance kit to reduce wear on suspension arm.
- 98760067 **Suspension Arm Stop Kit:** Prevents suspension arms from pivoting downward and damaging air shocks when rerailing.

RAIL CLAMP

- 98760031 **Rail Clamp Lever Bushing Roller Pin with Roller Kit:** Maintenance kit for two rail clamp levers.
- 98760032 **Rail Clamp Lever Bushing Roller Pin without Roller Kit**
- 98760029 **Rail Clamp Wheel Kit, Non-Insulated:** Replacement of all items in non-insulated rail clamp guide rollers except wheels.

HYDRAULIC

- 98760075 **Valves & Coils Repair Kit:** Reduce machine downtime with air valve preventative maintenance kit.
- 98760160 **TRIPP Propulsion Tube Clamp Kit:** Complete set of 21 clamps required to hold hydraulic tubes to top of rail frame.

MACHINE UPGRADES

- 98760069 **Tie Gripper Storage Kit (Wood):** Store grippers on rear of machine. Includes four grippers and mounting bracket.
- 98760070 **Tie Gripper Storage Kit (Concrete):** Same as above, with concrete tie grippers.
- 98760295 **Workhead Wearpad Upgrade:** New, durable workhead wear pads constructed of self-lubricating high-strength material.
- 98760289 **Insertion Speed Control Kit:** Makes it possible to adjust tie insertion speed for improved productivity and control.
- 98760292 **Air Manifold Upgrade Kit:** Upgraded air manifold features corrosion resistant components. Longer life, particularly when operating in wet conditions.
- 98760066 **Joystick Valve Upgrade Kit:** Durable, heavy-duty joystick.
- 98760059 **Cab Tube Upgrade Kit:** Upgraded tube and hose kit replaces two existing tubes; easier, faster future change-outs.
- 98760062 **Pressure Switch Upgrade Kit:** Increased durability and improved performance, less frequent maintenance.
- 98760136 **Rail Lift Guide Kit:** Fluorescent rods mount on both sides of rail lift frame to provide operator with visual point-of-reference when inserting or extracting ties.
- 7550300 **Retractable Live Track Belt:** Extends across door opening to warn operator of adjacent live track.

From Left: 98760292 Air Manifold Upgrade Kit. 98760062 Pressure Switch Upgrade Kit. 7550300 Retractable Live Track Belt. 98760136 Rail Lift Guide Kit.



- Repair/maintain machine
- Reduce future maintenance
- Improve machine productivity
- Operator comfort & productivity



TRIPP TIE EXCHANGER



Left: 98760076 Pivot Pin & Bushing Kit. Right: 98760067 Suspension Arm Stop Kit.



Left: 98760031 Rail Clamp Bushing Roller Pin with Roller Kit. Right: 98760029 Rail Clamp Wheel Kit, Non-Insulated.



Left: 98760075 Valves & Coils Repair Kit. Right: 98760069 Tie Gripper Storage Kit (Wood).



Left: 98760295 Workhead Wearpad Upgrade. Right: 98760289 Insertion Speed Control Kit.



Left: 98760059 Cab Tube Upgrade Kit. Right: 98760066 Joystick Valve Upgrade Kit.

AUTO-LIFT

RAIL CLAMP

- 96790052 **Rail Clamp Assembly:** Easy change-out of rail clamp.

MACHINE UPGRADES

- 98790176 **Auto-Lift Rail Sweep Kit:** Add adjustable rail sweeps to front and back of rail lifter. Helps clear debris from track.

AUTO-LIFT



MACHINE MAINTENANCE, REPAIR & UPGRADE KITS

SHADES AND CURTAINS

- Repair/maintain machine
- Operator comfort & productivity

SHADE KITS

Shade kits are available for all current Nordco machines with cabs.

Various P/N **Polyester Mesh Shades:** Durable poly mesh fabric shades encased in powder-coated steel housing. Brackets hold shades down in full/partially retracted position.

Various P/N **Polyester Film Shades:** Poly film features micro-metal coating to help reflect heat and glare. Internal ratchet to retract and hold down in any position.

Shades for Non-Nordco Machines: Nordco will provide Poly Mesh Shades for any machine with a minimum 1-1/2" clearance around the outside frame of the window. Consult **Nordco Parts** for a quotation or more information.



Top: Polyester Mesh Cab Shade. Bottom: Vinyl Curtain.

CURTAIN KITS

Various P/N **Vinyl Curtains for Open Cab Machines:** Help shield operators of open cab machines from heat, cold and debris with heavy-weight vinyl curtains. Complete kits and individual curtains available for Anchor Applicator E & F; Grabber LS-2 Spike Puller; Super Claw Spike Puller; Curve Gang Spiker; Model C & 99C Spiker.

EXCHANGE COMPONENTS

The **Nordco Exchange Component Program** is an efficient and cost-effective way to change out major working components on maintenance-of-way machinery. Exchange your worn-out unit for a like-new, completely refurbished replacement with a full factory warranty. Nordco offers an extensive selection of exchange products. Listed below are some of the most popular. Consult **Nordco Parts at 1-800-647-1724** for a complete list of exchange components, or visit our website at www.nordco.com.

TRIPP TIE EXCHANGER

- 90760021 **Remover with Gripper Assembly (Wood Ties)**
- 90760023 **Remover with Gripper Assembly (Concrete Ties)**
- 90760025 **Gripper, 1 Side**



Left: 90760021 TRIPP Remover with Gripper Assembly. Right: 90760025 Gripper, 1 Side.

CX HAMMER

- 90410091 **Nipper Assembly**
- 90410200 **Bulk Loader with Dust Suction**
- 90410046-FED YEL **Bulk Loader W/Spike Buster, Dust Suction & Walkway**
- Various P/N **Gager Assembly**
- Various P/N **2 Guns, Right Side**
- Various P/N **2 Guns, Left Side**



SP2R SPIKE PULLER

- Various P/N **Pulling Assembly**
- Options include std. & Evergrip spikes, power lock-ups



Clockwise, from top left: Gun Assembly, Bulk Loader, Gager Assembly, Nipper Assembly.

AA2R ANCHOR ADJUSTER 2 RAIL

- 90650025 **Main Workhead**



BAAM ANCHOR APPLICATOR

- 90690124 **Workhead Assembly**

ANCHOR APPLICATOR F

- 90680022 **Jaw/Clamp Assembly**

MULTIPLE MACHINES

- Various P/N **Axle Assemblies**

Exchange axle assemblies are available for the following machines: CX Hammer; C to CX Conversion; SP2R and Super Claw Spike Pullers; SPDC Spike Puller/Declipper; NVCAR V-Clip Applicator; M7 Ballast Regulator; Anchor Applicator F; Anchor Remover B; and TRIPP Tie Exchanger.



Above: 90680022 Anchor Applicator-F Jaw/Clamp Assembly.



Left: Axle Assembly.

Right: SP2R Pulling Assembly.