

Nordco Maintenance-of-Way Machine Kits

This list includes some of the most frequently ordered Nordco Maintenance-of-Way Machine Kits, sorted by machine type.

IMPORTANT, PLEASE READ! For a more detailed description of what each kit does, and to determine the specific machine serial number ranges that can use each kit, go to www.nordco.com and select Parts on the navigation bar. Then click on "Search for Repair or Upgrade Kit." You can search for kits based on keyword, machine type, kit part number or related component part numbers. Or, contact the **Nordco Parts Sales Group at 1-800-647-1724** for more information.



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Kit Part #	Kit Name	What it Does	Used On
Adzers			
98250005	KIT, GUIDE ROLLER/JACKSTAND	After work completed raise guide wheels off the rail. Releasing crank handle will lock the jackstand portion on position.	Ride On Adzer
98250009	KIT, REPLACE IGNITION SWITCH	Convert from all keyed alike ignition switches to lever type; avoid start problem if key is lost.	Ride On Adzer
98250013	KIT, TIE GUIDE	Dual-axis level to aid in adjusting the cutting head to control cutting depth.	Ride On Adzer
Anchor Applicators			
29300046	PLAQUE, ANCHOR CHUTE WARNING	Warns the operator to keep the chutes full to avoid damage to the escapement cylinders.	BAAM
80200001	RAKE, ANCHOR	Anchor Rake to break-up anchors in the bin and rake toward the operator.	BAAM, Anchor Applicator D, E & F
87361200	WRENCH, TOGGLE	Specially designed tool for use with toggle turnbuckle.	Anchor Applicator D, E, F
96680041	ASSY, FIXED LINK	Contains 1 47808810 Fixed Link, 4 22119607 Steel Link Bushings	Anchor Applicator E & F
98680043	KIT, SWING SEAT #2	Eliminates need to manually lift seat from travel to operator work position. Includes hand winch, seat base, hinged operator platform. Fold and lock when not in use.	Anchor Applicator E & F
96680070	ROLLER & BUSHING ASSEMBLY	Convenience package containing roller and bushing for anchor tool assemblies.	Anchor Applicator D, E, F
96680077	STOP, CLAMP RH ASSEMBLED	Contains one each Body Stop, Stop Pad & hardware items. Best to replace these items at the same time for proper alignment.	Anchor Applicator E & F
96680078	STOP, CLAMP LH ASSEMBLED	Contains one each Body Stop, Stop Pad & hardware items. Best to replace these items at the same time for proper alignment.	Anchor Applicator E & F
96680220	KIT, FLOODLIGHTS AA-E 4 SIDES	Improved illumination in low light conditions.	Anchor Applicator E
96680292	ASSY,CURTAIN AA-E	Protection from the elements.	Anchor Applicator E
96680417	ASSY, GUIDE WHEEL NON-INSULATED	Complete Shaft & Roller upgrade from original two-piece Guide Roller to heavy-duty one-piece roller for improved support. Kit updates one side.	Anchor Applicator D & E
96680419	ASSY, CURTAIN FOR WINDSHIELDS YELLOW	Protection from the elements; contains four curtains.	Anchor Applicator F

96685503	ASSY, GUIDE WHEEL	Easy field replacement. Contains Guide Wheel Post 88677616, Guide Wheel 86962661, 2 Bearings 5371725, 2 Retaining Rings 63402225, Bearing Spacer 73025561, Bearing Shaft 54262377 & hardware.	Anchor Applicator D, E, F
96685561	ASSY, FEEDER CHUTE	Fast & easy field replacement of anchor chute. Contains Chute Mounting, Chute, 2 Chute Turnbuckles, 2 Feed Cylinders, 2 Dampers and all hardware items required.	Anchor Applicator D, E, F
96690152	ASSY, CAB SUN SHADE	Improves working conditions by reducing glare and heat in the cab.	BAAM
98680002	KIT, CLAMP & JAW ARM SERVICE	Easy field service of Jaw Arm and Clamp Arm Assemblies.	Anchor Applicator D, E, F
98680007	KIT,OIL COOLER PROTECTION	For Model D. Check valve re-routes oil in case of a pressure spike.	Anchor Applicator D
98680023	KIT, ANCHOR CHUTE & DOOR CYL ASM	Fast and easy field replacement. Includes 24350008 Anchor Chute, 22492650 Cam Chute Door, 96350523 Feed Cylinder, 13710321 Damper, 54236950 Pin and hardware items.	Anchor Applicator E & F
98680025	KIT,BOXING CYLINDER UPGRADE	New design cylinder mounts between the sliding jaws to protect cylinder and bolts.	Anchor Applicator E
98680027	KIT, PANEL CIRCUIT BREAKER	Positive locking mechanism keeps circuit breakers securely in place, preventing possible power loss.	Anchor Applicator
98680031	KIT,JAW ARM STEEL BUSHINGS W/REMOTE GREASING	Upgrades Jaw Arm assembly bronze bushings to steel and adds remote greasing for the clamp pivot pins.	Anchor Applicator F
98680036	KIT,GUIDE WHEEL HEAVY DUTY (NON-INSULATED) 1 SHAFT	Updated one piece roller with bearing on each end provides better support for the roller.	Anchor Applicator
98680042	KIT,ANCHOR CHUTE TURNBUCKLE	Adds second turnbuckle to allow better control over chute alignment.	Anchor Applicator D, E, F
98680045	KIT,TRAVEL/CYCLE START INTRLCK	With kit cycle/start can only begin if brakes are applied. Prevents workhead from moving in travel mode, by accidently pressing cycle/start foot switch.	Anchor Applicator
98680059	KIT, PRESSURE SWITCH CONVERSION	Increased durability of pressure switch. Less change outs.	Anchor Applicator
98680060	KIT,COAST SWITCH ANCHOR APPL	Deadman does not go to break. It allows the machine to coast through a crossing without constant starting and stopping. Kit consists of switch, foot pedal, cable connectors, cord, hardware and instructions.	Anchor Applicator D, E, F
98690010	KIT, ANCHOR CUSHION PIN	BAAM w/Unit 5 Tools. Single component replaces Shoulder Screw and Anchor Stop Sleeve. Adds strength and less chance of bolt head distortion.	BAAM
98690014	KIT, CROSSING ALARM SWITCH	Provides operator with audio & visual alarm when approaching crossing, helps prevent damage to workhead.	BAAM
98690018	KIT, OIL COOLER ISOLATOR	Improved sandwich type rubber mounts to prevent frame or hydraulic shocks being transferred to oil cooler or components, extending the life of cooling tubes and fan.	BAAM
Anchor Removers			
98670010	KIT, HAND CONTROLLER CONVERSION (NON-SUSPENSION SEAT)	Converts machine from older hand controller to Model C spiker type 26600610. Improved durability.	Anchor Remover

98760011	KIT, HAND CONTROLLER CONVERSION (SUSPENSION SEAT)	Converts machine from older hand controller to Model C spiker type 26600610. Improved durability.	Anchor Remover
Auto-Lift			
98790007	KIT, PRESSURE REDUCING VALVE RETROFIT	Improved valve to help maintain pressure. Includes valve 1606480, brackets, fittings & instructions.	Auto-Lift - Rail Lifter
98790008	KIT, FRAME SUPPORT	Improved integrity of frame in case pressure reducing valve was not adjusted properly.	Auto Lift - Rail Lifter
98790010	KIT LIFT CYL UNLOADING VALVE	Dump valves reduce pressure on the pilot operated check valves for lift cylinders.	Auto Lift - Rail Lifter
98790011	KIT, CONTROL CABLE CONVERSION	Move cable out of the way to prevent stretching or damage.	Auto Lift - Rail Lifter
98790013	KIT, PARKING BRAKE	Optional hand brake.	Auto Lift - Rail Lifter
98790015	KIT, REMOTE PLATE PUSHER	Complete upgrade to new whip style plate pusher.	Auto Lift - Rail Lifter
98790016	KIT, EXTEND MODE SELECT SWITCH	Allows for lift to one side of the rail at a time.	Auto-Lift - Rail Lifter
98790017	KIT, RAIL CLAMP ARM NON-INSULATED	Quick, easy change out of rail clamp arm and roller assembly. 4 per machine.	Auto-Lift - Rail Lifter
98790018	KIT, RAIL CLAMP ARM INSULATED	Quick, easy change out of rail clamp arm and roller assembly. 4 per machine.	Auto-Lift - Rail Lifter
98790019	KIT, PROPEL SWITCH	Prevent propel switch from sticking.	Auto Lift - Rail Lifter
98790021	KIT, HEAT DEFLECTOR IMPROVED	Deflects hot air from operator and limit switches.	Auto Lift - Rail Lifter
98790052	KIT, RAIL CLAMP	Easy field change-out. Includes Rail Clamp Cylinder, Roller Clamp Arms assembled with rollers, Pivot Links, Clamp Lock Links & hardware. Insulated, services on side of the machine.	Auto Lift - Rail Lifter
98790091	KIT, LS CONVERSION (JOHN DEERE PUMP)	Upgrade to Limit Switch.	Auto Lift - Rail Lifter
98790093	KIT, LS CONVERSION (SUNDSTRAND PUMP)	Upgrade to Limit Switch.	Auto Lift - Rail Lifter
98790134	KIT, COOLER FRAME UPGRADE	Reduce possibility of mounting holes tearing out of cooler.	Auto Lift - Rail Lifter
98790165	KIT, CHAIN TENSIONER AUTO LIFT	Set drive train to desired tightness without having to get under the machine.	Auto Lift - Rail Lifter
98790174	KIT, AUTOLIFT INTAKE - DEUTZ	Replaces 3-piece intake assembly with single intake nipple. Includes 1551340 Intake Nipple and installation instructions.	Auto Lift - Rail Lifter
98790175	KIT, AUTOLIFT EXHAUST REPLACEMENT	Replaces 2-piece exhaust assembly with 1-piece assembly. Includes 21459851 Muffler Mounting Tube Bracket, 82626927 Exhaust Pipe, 2 24709820 Muffler Clamps, 3 4590990 Insulating Sleeves, hardware & instructions.	Auto Lift - Rail Lifter
98790176	KIT, AUTOLIFT RAIL SWEEP	Adds adjustable Rail Sweeps to front and rear of machine.	Auto Lift - Rail Lifter
98790177	KIT, COOLING AIR DUCT AUTOLIFT	Adds cooling Air Deflector to the Duetz engine to deflect cool air away from operator.	Auto Lift - Rail Lifter
Ballast Regulators/Snow Fighters			
98800011	KIT, SNOW WING STORAGE	Store snow wings while ballast wings in use. Includes material for two wings.	Model M, M2-14, M7
98800015	KIT, REAR BRAKE PEDAL	Additional brake pedal for easier braking when in reverse operation.	M7
98800018	KIT, BATTERY BOX SIDE COVER	Prevents ballast from entering battery box cable opening.	M7

98810001	KIT, BTI PARTS G2 & M2-14	Convenience assortment of blade and wing components.	G2, M2-14
NETP - Tie Plugger			
98510085	KIT, COVER RAIN CHEMICAL HEATER	Protects resin heater from potential failure caused by moisture.	NETP - Tie Plugger
Spiking Machines			
700500	BRACKET, FOOT SWITCH MOUNTING	Guard replaces original foot switch bracket and covers foot switch propel pedals to prevent accidental activation. Reuse hardware from existing bracket.	CX Hammer, SS Spiker, CGS, NVCAR, NSCA
27299276	TARP, CX DUST BIN COVER MAGNETIC	Increases effectiveness of dust system by limiting dust in cab. 2 required per machine.	CX Hammer
52890001	DUST HOOD BUMPER PAD	Protects operator from coming in contact with the steel edge of the dust hood.	CX Hammer
81300001	TOOL, SLEEVE ADAPTER REMOVAL DRIVER	Aids in disassembling sleeve and adapter.	CX Hammer
96350760	ASSEMBLY, BRAKE CYLINDER	Quick replacement in the field.	CX Hammer, Model C, 99C Spiker
96410264	KIT, JAW MOUNTING ASSEMBLY	For chrome G.R. no sleeve. Easy replacement, get machine back in service fast.	Model C Spiker, 99C
98410777	ASSY, BUSHING RAIL CLAMP LEVER	Convenience package containing 1 bushing 22109200 and 2 washers 86104900.	Model C, 99C
96410785	IMPROVED GUIDE ROLLER SUPPORT ASSEMBLY W/LOCKING YOKE	Updated one piece roller with bearing on each end provides improved support for roller.	Model C Spiker, 99C
96410808	KIT,RAIL CLAMP HD UPGRADE	Improves service life of clamps and spike driving.	Model C, 99C
96411183	RH STANDARD SPIKE TRAY ASSEMBLY	Combines tray, tray head, feed cylinder, pusher block assembly into single unit; install all in single operation.	CX Hammer, Model C, 99C
96411184	LH STANDARD SPIKE TRAY ASSEMBLY	Combines tray, tray head, feed cylinder, pusher block assembly into single unit; install all in single operation.	CX Hammer, Model C, 99C
96411185	RH OVERSIZED SPIKE TRAY ASSEMBLY	Combines tray, tray head, feed cylinder, pusher block assembly into single unit; install all in single operation.	CX Hammer, Model C, 99C
96411186	LH OVERSIZED SPIKE TRAY ASSEMBLY	Combines tray, tray head, feed cylinder, pusher block assembly into single unit; install all in single operation.	CX Hammer, Model C, 99C
96412426	ASSY,ELECTRIC TRUMPET HORNS (24V-CAB)	Enables horn to be heard above the normal railroad background noises. Can be used in place of the high - low pitch horns. Kit upgrades one machine front and back.	CX Hammer (w/cab), SP2R
96412427	ASSY,ELECTRIC TRUMPET HORNS (12V)	Enables horn to be heard above normal railroad background noises. Can be used in place of the high - low pitch horns. Kit upgrades one machine front and back.	Model C, Super Claw Spike Puller
96412428	ASSY,ELECTRIC TRUMPET HORNS (24V)	Enables horn to be heard above normal railroad background noises. Can be used in place of the high - low pitch horns. Kit upgrades one machine front and back.	CX Hammer (w/o cab), 99C, M3
96412822	ASSEMBLY, STEEL MANIFOLD COVER	Five covers shield valve stacks from weather and debris.	CX Hammer
96430635	KIT, MANIFOLD O-RING	Back-up supply of 90 durometer O-rings in a carrying case.	Model C, 99C Spiker, M3, Anchor Remover, CX Hammer, Hydra Hammer

98330013	KIT, CONTROLLER CONVERSION	Upgrade Ergonomic Controller from Opto Switch style to Model C style. Board must also have been upgraded. For Opto Grabbers w/center seat option.	Grabber
98350322	KIT, CONTROLLER CONVERSION	Upgrade Ergonomic Controller from Opto Switch style to Model C style. Board must also have been upgraded. Grabbers require 2 kits per machine.	Grabber, Super Claws
98410011	KIT, ROLLER GAGER PO CHECK VALVE	Eliminates possibility of gager levers drifting down after pulsing away from rails in jointed rail mode.	Model C
98410014	KIT, CHARGE KENT HAMMER	Aids in maintaining proper nitrogen charge in accumulator; promotes optimum Kent Hammer performance	CX Hammer, 99C
98410024	KIT, GAGER LEVER BUSHING	Convenience kit, includes insulated bushings & washers for Gager Clamp Levers.	CX Hammer
98410055	KIT, RAIL CLAMP HD UPGRADE	Improves service life of clamps and spike driving.	Model C, 99C
98410061	KIT, ASSY GAGER BUGGY FRAME W/LVDT & PROBE	Convenience group of parts to make changeout fast and easy in field	CX, 99C, Model C w/o PLC
98410062	KIT, GAGER BUGGY WHEEL LH	Convenient replacement of lefthand gager buggy wheel components in a single package.	CX Hammer, Model C, 99C
98410063	KIT, GAGER BUGGY WHEEL RH	Convenient replacement of righthand gager buggy wheel components in a single package.	CX Hammer, Model C, 99C
98410068	KIT, ASSY GAGER BUGGY FRAME W/O LVDT & PROBE	Convenience group of parts to make changeout fast and easy in field	CX, 99C, Model C w/o PLC
98410073	KIT, RETROFIT RUBBER MOUNT LOGIC BOX	Reduces vibration in the logic box that could cause intermittent failures due to open circuits.	Model C, 99C
98410080	KIT, GUIDE ROLLER SUPPORT/GUIDE ROLLERS HEAVY DUTY COMPLETE	Heavy duty guide roller support with strengthened cylinder lug and improved 1 pc. roller. (Requires new cylinder 28550116).	Model C, 99C
98410082	KIT, SERVICE BRAKE	Adjustable bolt and lock pin aids in locking off brakes.	CX Hammer, Model C, 99C
98410083	KIT, GUIDE ROLLER SUPPORT HEAVY DUTY	Heavy duty guide roller support with strengthened cylinder lug (requires new cylinder 28550116).	Model C, 99C
98410089	KIT, NIPPER HOOK LINK PINS	Holds nipper pin in place.	M3 w/Nipper Module, 99C, Model C
98410119	KIT, PANEL CIRCUIT BREAKER	Positive locking mechanism keeps circuit breakers securely in place, preventing possible power loss.	Grabber - Spike Puller, M3 Spike Puller, SP2R, Super Claws
98410120	KIT, PANEL CIRCUIT BREAKER	Positive locking mechanism keeps circuit breakers securely in place, preventing possible power loss.	99C
98410128	KIT, CARRIAGE BOLT-THRU	Update carriage workhead plate to bolt through. Includes capscrews, locknuts, washers and template.	99C
98410135	KIT, NIPPER REBLD COMPLETE 24V	Easy field service of Nipper Assembly.	CX Hammer, 99C
98410141	KIT, UPGRADE NIPPER EARS HEAVY DUTY	Extends the life of the nipper frame.	Model C

98410153	KIT,NIPPER SPHERICAL BEARING ADAPTER FOR MODEL C W/O LIFTING BAIL	Reduces strain on the nipper cylinder by allowing front to back movement, for 12V Model C.	Model C
98410157	KIT, COVER MANIFOLD 12V DUCTILE	Protect manifold solenoid valves and din cables from the elements.	Model C
98410158	KIT,LEWIS BOLT SPIKE TRAY LH	Converts Model C guns 1 & 2 to drive Lewis Bolts.	Model C
98410159	KIT,LEWIS BOLT SPIKE TRAY RH	Converts Model C guns 3 & 4 to drive Lewis Bolts.	Model C
98410161	KIT,LEWIS BOLT SPIKE TRAY	Converts one side of machine to Lewis Bolt.	CX Hammer
98410164	KIT, ASSY RUBBER STEPS OPERATOR	Add or replace existing flexible operator steps for both sides of machine.	CX Hammer
98410185	KIT,CURTAIN BLACK MODEL C	Protection from the elements.	Model C
98410198	KIT,REAR WALL PANEL FED YEL	Use in lieu of curtains, protect operator from elements, debris on machines without cab.	CX Hammer, Model C, 99C (w/push bulk loader)
98410204	KIT, OVERHAUL GAGER NON-INSUL	Fast and easy field replacement.	CX Hammer, Model C, 99C
98410205	KIT, OVERHAUL NIPPER	Easy field service of Nipper Assembly; for machines with Spherical Bearing Upgrade.	CX Hammer, 99C
98410207	KIT,CURTAIN (BLACK) 99C/CX	Protection from the elements.	CX Hammer, 99C
98410208	KIT,CURTAIN (BLACK) 99C/CX	Front & sides w/hardware. Protection from the elements.	Model C, 99C
98410210	KIT,WIPER FOR REAR WALL PANEL	Use with 98410198 KIT, REAR WALL PANEL	CX Hammer, Model C, 99C (w/push bulk loader)
98410212	KIT, INSTALL HAMMER LIFT EYE	Aids in removing or installing Kent Hammers.	CX Hammer, SS Spiker
98410213	KIT,CURTAINS ONLY (BLACK)	12V Model C, front & sides. Protection from the elements.	Model C
98410214	KIT,CURTAIN (BLACK) C/CX	Protection from the elements. Front, sides, rear with hardware.	CX Hammer, 99C
98410215	KIT, INSTALL HAMMER LIFT BAR	Aids in removal and installation of Kent hammers.	Model C, 99C
98410219	KIT, TURNTABLE CYL LOCKING UPGRADE	Converts locking turntable cylinder from external to internal lock feature.	CX Hammer
98410220	KIT,SPIKE TRAY DUST CHUTE	Keep dust and spike scale from falling on the cab floor or operator. 1 kit per tray, 4 per machine.	Model C, CX Hammer, 99C
98410222	KIT,CURTAIN (BLACK)99C/CX PUSH	All sides, no hardware. Protection from the elements.	CX Hammer, 99C
98410226	KIT, JAW MOUNTING ASSEMBLY	For steel G.R., flared jaws, no sleeve. Quick replacement, reduce downtime if gun component fails.	CX Hammer
98410231	KIT,STEPS-PLATFORMS-HANDLES	Grab handles and removeable step for accessing bulk loader or accessories on roof.	CX Hammer
98410239	KIT,CURTAINS ONLY (BLACK)	12V Model C, rear only. Protection from the elements.	Model C
98410252 - FED YEL	KIT,REAR CAB DOOR+SOLID PANEL ON TOP	Includes upper hinged door for use with boom & winch to get spike kegs into the cab, also solid bottom panel offering protection from the elements.	CX Hammer
98410252- NBS GRN	KIT,REAR CAB DOOR+SOLID PANEL ON TOP	Includes upper hinged door for use with boom & winch to get spike kegs into the cab, also solid bottom panel offering protection from the elements.	CX Hammer
98410255	KIT, CAB WINDOW SHADE	Improves working conditions by reducing glare and heat in the cab.	CX Hammer

98410256	KIT, SPIKE TRAY DUST END CAP	Upgrades 98410220 Dust Chute Tray. Seals operator end of Spike Tray, keeps dust from blowing onto operator. Four required per machine.	CX Hammer, 99C, Model C
98410257	KIT, SPIKE TRAY DUST CHUTE	Same as 98410220 Dust Chute Tray, but also includes Dust End Cap to keep dust from blowing onto operator. Four required per machine.	CX Hammer, 99C, Model C
98410263	KIT, OVERHAUL GAGER INSULATED	Fast and easy field replacement.	CX Hammer, Model C, 99C
98410319	KIT, WARM-UP SPIKE FEED (1 SIDE)	Prevents spike feed cylinders from retracting too slowly.	Model C, 99C
98410395	KIT, FLOODLIGHTSS MODEL C 24V	Improved illumination in low light conditions	Model C
98410398	KIT,PROP TUBE/PIPE UPGRADE (DUCTILE MANIFOLD)	Prevents movement which could cause leaks or abrasive damage to tube.	99C
98410399	KIT, PROP TUBE/PIPE UPGRADE (ALUMINUM MANIFOLD)	Prevents movement which could cause leaks or abrasive damage to tube.	99C
98410423	KIT, BULKLOADER CONVERSION W/EXT BUMPERS	Converts from auger bulk loader to push loader.	CX Hammer, 99C, Model C
98410424	KIT, BULKLOADER CONVERSION W/EXT BUMPERS	Converts from no bulk loader to push loader. Includes floating frame and heavier rear axle assembly. Eliminates lifting of spike kegs.	CX Hammer, 99C, Model C
98410425	KIT, ASSY GAGER ARM NON-INSL	Fast and easy field replacement.	CX Hammer, Model C, 99C
98410427	KIT, JAW MOUNTING ASSEMBLY	For chrome G.R., std. jaws, curve sleeve. Quick replacement, reduce downtime if gun component fails.	CX Hammer
98410428	KIT, JAW MOUNTING ASSEMBLY	For chrome G.R., std. jaws & sleeve. Quick replacement, reduce downtime if gun component fails.	CX Hammer
98410432	KIT, JAW MOUNTING ASSEMBLY	For stainless G.R., flared jaws, curve sleeve. Quick replacement, reduce downtime if gun component fails.	CX Hammer
98410433	KIT, DUST SUCTION BULKLOADER FIELD CONVERSION	Add dust suction to existing Push Style Bulk Loader in the field. For machines w/Push Bulk Loaders w/o Dust Suction	CX Hammer
98410434	KIT, JAW MOUNTING ASSEMBLY	For stainless G.R., flared jaws & std. sleeve. Easy replacement, get machine back in service quickly.	CX Hammer
98410440	KIT, GAGER BUGGY FRAME W/LVDT FOR PLC	Convenience group of parts to make changeout fast and easy in field.	CX, Model C, 99C w/PLC
98410455	KIT, HAMMER SLEEVE W/CURVE	Upgraded sleeve kit with heavier 5/8" set screws (4-hole design) and improved anvil sleeve spring.	CX Hammer
98410456	KIT, HAMMER SLEEVE W/O CURVE (STANDARD)	Upgraded sleeve kit with heavier 5/8" set screws (4-hole design) and improved anvil sleeve spring.	CX Hammer
98410465	KIT,SPIKE FEED CYLINDER HYD DISCONNECT	Reduces time to change out feed cylinder. One kit per cylinder.	Model C, 99C, SS Spiker, Model 44,Hydra-Spiker Model B, Super B & B-2, Hydra-Hammer A, B and B-2
98410471	KIT, PLAQUE HEAP LIMIT BULKLDR	Post load limit to avoid excess stress to axles.	CX Hammer

98410479-FED YEL	KIT, PUSHER BULKLOADER W/DUST SUCTION CONVERSION	Adds Push Bulk Loader including dust suction option to Spikers w/heavier (3-7/16") axles.	CX Hammer, Model C, 99C
98410480	KIT, GAGER LEVER INS. W/O POWER LOCKUPS	Fast and easy field replacement.	CX Hammer, Model C, 99C
98410481	KIT, GAGER LEVER RH NON-INS. W/POWER LOCKUPS	Fast and easy field replacement.	CX Hammer, Model C, 99C
98410482	KIT, GAGER LEVER LH NON-INS. W/POWER LOCKUPS	Fast and easy field replacement.	CX Hammer, Model C, 99C
98410483	KIT, GAGER LEVER RH INS. W/POWER LOCKUPS	Fast and easy field replacement.	CX Hammer, Model C, 99C
98410484	KIT, GAGER LEVER LH INS. W/POWER LOCKUPS	Fast and easy field replacement.	CX Hammer, Model C, 99C
98410504	KIT, SPIKE DEFLECTOR BIN-CAB	Fills gap between cab and push bulk loader to prevent spikes or debris getting lodged in open area. Can be used with Walkway.	CX Hammer, Model C, 99 C w/push bulkloader
98410513	KIT,BULKLOADER WALKWAY	Ladder & platform provides access to upper portion of cab. Note: Used with push bulkloader, no screen on cab rear window.	CX Hammer, Model C
98410517	KIT, LADDER, BRACKETS & GRAB HANDLE	Mount ladder on either side of Bulk Loader to assist spike feed. Requires side mount turntable or ladder supports on both sides of Bulk Loader.	CX Hammer
98410518	KIT, GUIDE ROD SPRING PIN REPLACEMENT	Increased resistance to heat generated during spiking; easy to replace.	CX Hammer, Model C, SS Spiker, CGS, 99C
98410528	KIT, ASSEMBLY COBRA BRAKE, C-CX	Complete new brake assembly; avoid costly down time.	CX Hammer, Model C, 99C
98410550	KIT, BULKLOADER COVER	Cover for push Bulkloader to keep debris, snow & ice out of bin.	CX Hammer, 99C, Model C
98410779	ASSY, TORLON PIVOT BUSHING RAIL CLAMP	Convenience package containing 1 bushing 22120405 and 2 washers 86107590.	Model C, 99C
98410865	KIT, JAW MOUNTING ASSEMBLY	For steel G.R., flared jaws, no sleeve. Easy replacement, get machine back in service quickly.	Model C, 99C
98410866	KIT, JAW MOUNTING ASSEMBLY	Easy replacement, get machine back in service quickly.	Model C, 99C
98411098	KIT, JAW MOUNTING ASSEMBLY	For chrome G.R., std. jaws, no sleeve. Easy replacement, get machine back in service quickly.	CX Hammer
98411100	KIT, BATTERY CABLE ROUTING	Helps prevent abrasion and short circuit of battery cable. Includes sleeve & clamps.	CX Hammer
98411111	KIT,CANOPY GUARD CX & 99C USED W/BULKLOADER	Protect roof lights from damage from spikes or spike magnet during loading of bulk loader.	CX Hammer, 99C
98411115	KIT,GUN UP TIMER 24V MODEL C	Allows operator to adjust time delay for retraction of workhead	99C
98411120	KIT, GUIDE ROLLER P.R. VALVE	Allows pressure to be adjusted independent from carriage spotting.	CX Hammer
98411187	RH LEWIS SPIKE TRAY ASSEMBLY	Combines tray, tray head, feed cylinder, pusher block assembly into single unit; install all in single operation	CX Hammer, Model C, 99C

98411188	LH LEWIS SPIKE TRAY ASSEMBLY	Combines tray, tray head, feed cylinder, pusher block assembly into single unit; install all in single operation	CX Hammer, Model C, 99C
98411200	KIT, GUARD CAB REAR WINDOW/LIGHT	Protects rear windows and lights from damage from spikes or debris. Screens can be lowered to access windows for cleaning.	C - CX Conversion
98411245	KIT, JAW MOUNTING ASSEMBLY	For chrome G.R., flared jaws, no sleeve. Easy replacement, get machine back in service quickly.	CX Hammer
98412000	KIT,DUST BIN/HOOD LIGHT	Install dome light on bulk loader dust bin hood, especially helpful at night or in low light conditions.	CX Hammer (w/Dust Suction Bulk Loader)
98412425	KIT, WORKHEAD TRANS. LOCK-UP	Locks workhead during shipping or travel, prevents actuator damage.	CX Hammer, 99C, Model C
98412427	KIT,SWIVEL SEAT THIRD MAN	Allows spike feeder seat to swivel for ease of loading spike trays.	CX Hammer
98412432	KIT, JAW MOUNTING ASSEMBLY	For chrome G.R., flared jaws, curve sleeve. Easy replacement, get machine back in service quickly.	CX Hammer
98412433	KIT, JAW MOUNTING ASSEMBLY	For chrome G.R., flared jaws, std. sleeve. Easy replacement, get machine back in service quickly.	CX Hammer
98412439	KIT,HAMMER MOUNTING PLATES	Improve alignment hammer anvil to the jaw mounting. Replace in pairs, one kit per hammer, 4 per machine.	CX Hammer
98412440	KIT, A/C DUAL CONDENSER GUARDS	Shield condenser fans from loose spikes & debris on rooftop A/C unit.	CX Hammer
98412455	KIT, JAW MOUNTING ASSEMBLY	For standard jaws, stainless steel guides rods, no sleeve. Easy replacement, get machine back in service quickly.	CX Hammer
98412456	KIT, JAW MOUNTING ASSEMBLY	For standard jaws, stainless steel guides rods, curved sleeve. Easy replacement, get machine back in service quickly.	CX Hammer
98412457	KIT, JAW MOUNTING ASSEMBLY	For standard jaws, stainless steel guides rods, standard sleeve. Easy replacement, get machine back in service quickly.	CX Hammer
98440024	KIT, CONTROLLER CONVERSION	Upgrade Ergonomic Controller from Opto Switch to Model C syle. Board must also have been upgraded. For machines w/2 guns right side viewed opposite engine.	Super B & B-2
98440030	KIT, CONTROLLER CONVERSION	Upgrade Ergonomic Controller from Opto Switch to Model C syle. Board must also have been upgraded. For Super B & B-2 w/4 guns, 3 operators, Roller Clamps.	Super B, B-2, Hydra-Spiker Model 44, Hydra Hammer A, B & C
98440031	KIT, CONTROLLER CONVERSION	Upgrade Ergonomic Controller from Opto Switch to Model C syle. Board must also have been upgraded. For machines w/2 guns left side viewed opposite engine.	Super B & B-2
98440032	KIT, CONTROLLER CONVERSION	Upgrade Ergonomic Controller from Opto style to Model C syle. Board must also have been upgraded. For Super B & B-2 w/4 guns, 3 operators.	Super B & B-2
98440931	KIT, PROPEL VALVE CONVERT	Converts machine from old style Gressen Valve 83404836 to sub plate Manifold design. Improved durability and newer technology.	Hydra Spiker Super B & B2
98450398	KIT,NIPPER CYL ROD END W/LIFTING BAIL SPHERICAL BEARING ADAPTER	Reduces strain on the nipper cylinder by allowing front to back movement.	CX Hammer, 99C

98450399	KIT,NIPPER CYL ROD END W/O LIFTING BAIL SPHERICAL BEARING ADAPTER	Reduces strain on the nipper cylinder by allowing front to back movement.	CX Hammer, 99C
98450400	KIT, NIPPER CYL SPHER BEARING KIT W/LIFTING BAIL	Reduces strain on the nipper cylineder by allowing front to back movement.	CX Hammer, 99C
98450401	KIT, NIPPER CYL SPHER BEARING KIT W/O LIFTING BAIL	Reduces strain on the nipper cylineder by allowing front to back movement. Includes instructions to rework existing lifting bail.	CX Hammer, 99C
98480004	KIT,CURTAIN (BLACK) CGS FRONT, SIDES AND REAR	Protection from the elements.	Curve Gang Spiker (CGS)
Spike Pulling Machines			
460366	ASSY, WINDOW SHADES (3)	Improves working conditions by reducing glare and heat in the cab.	SP2R
460515	ASSY, REAR WINDOW SHADES (5) FOR EXTENDED CAB MACHINES	Improves working conditions by reducing glare and heat in the cab.	SP2R
660224	KIT, SINGLE TO DUAL PEDAL CONVERSION	Improves ease of use and productivity by eliminating need to move pedals from one side of the machine to the other. Includes two Propel Switch Foot Guards to prevent accidental activation of pedals.	SP2R
700500	BRACKET, FOOT SWITCH MOUNTING	Guard replaces original foot switch bracket and covers foot switch propel pedals to prevent accidental activation. Reuse hardware from existing bracket.	SP2R, NVCAR, NSCA, SS Spiker, CGS, CX Hammer
18225730	PLATE, TOGGLE SLIDE FOR SQ. BARS	New toggle plate design allows easier replacement of wear bars.	SP2R, Super Claws
19127050	BOLT, SPECIAL PURPOSE LOCKING	Use with std. & Lewis Toggle Slide Plates (18225730/35). Prevents capscrews from loosening during operation.	Grabber, Super Claws, SP2R
53642483	PIN, LYNCH .19 X 1.38	More durable, easier to remove than hairpin.	Grabber - Spike Puller, SP2R, Super Claws
96090339	ASSY, PULLING FRAME	Complete Pulling Frame assembly for quick field change out. Includes narrow cross member roller frame for longer life and new design lock up assembly to avoid movement of lock pin.	Super Claws, Grabber, Grabber LS-2
96090390	ASSY, CLAW HSG HD TOGGLE SLIDE	Complete Claw Housing assembly for quick field changeout. Contains improved toggle slide plate with locking bolt set-up.	Super Claws, Grabber, Grabber LS-2
96351153L	ASSY,LH SPIKE PULLING W/NEW TOGGLE SLIDE PLATE	Complete Spike Pulling Workhead built for a Left Hand Operator. Consists of 1 96090390 Assy. Claw HSG HD Toggle and 1 96090339 Assy, Pulling Frame.	Super Claws, Grabber, Grabber LS-2
96351153R	ASSY,RH SPIKE PULLING W/NEW TOGGLE SLIDE PLATE	Complete Spike Pulling Workhead built for a Right Hand Operator. Consists of 1 96090390 Assy. Claw HSG HD Toggle and 1 96090339 Assy, Pulling Frame.	Super Claws, Grabber, Grabber LS-2
96412426	ASSY,ELECTRIC TRUMPET HORNS (24V-CAB)	Enables horn to be heard above normal railroad backround noises. Can be used in place of the high - low pitch horns. Kit upgrades one machine front and back.	SP2R, CX Hammer (w/cab)
96412427	ASSY,ELECTRIC TRUMPET HORNS (12V)	Enables horn to be heard above normal railroad backround noises. Can be used in place of the high - low pitch horns. Kit upgrades one machine front and back.	Super Claw, Model C Spiker

98310008	KIT, WORKHEAD SLIDER STOP BOLTS	Limits the pulling head travel to prevent contact with the cab windows.	SP2R
98310101RH	KIT, LEWIS BOLT PULLING HEAD	RH Heavy Duty Lewis Bolt Workhead to convert machine to Lewis or replace existing Lewis workhead.	Grabber, Super Claw, SP2R
98310101LH	KIT, LEWIS BOLT PULLING HEAD	LH Heavy Duty Lewis Bolt Workhead to convert machine to Lewis or replace existing Lewis workhead.	Grabber, Super Claw, SP2R
98330003	KIT, LS GRABBER ELECTRICAL INTERLOCK	Locks machine brakes in braking mode when operator is not on machine.	Grabber LS
98330023	KIT, PANEL CIRCUIT BREAKER	Positive locking mechanism keeps circuit breakers securely in place, preventing possible power loss.	Grabber - Spike Puller
98330135	KIT, 1MAN/2MAN SWITCH REPLACEMENT	Replaces selector switch with a more reliable toggle switch and relay.	Grabber LS
98330652	KIT, CURTAIN - GRABBER	Protection from the elements.	Grabber LS-2 Spike Puller
98330709	KIT, ASSY CURTAIN FRONT ONLY	Protection from the elements.	Grabber LS-2 Spike Puller
98330798	KIT, HYD. JOYSTICK (1 SIDE)	(Grabber LS & SP2R) Longer life replacement for original joystick valve.	SP2R, Grabber
98350017	KIT, OPERATOR GUARD LEXAN WITH NOTCH FOR LOCK PIN.	Provides protection for the operator from stray spikes and debris.	Super Claw, Grabber
98350036	KIT, PANEL CIRCUIT BREAKER	Positive locking mechanism keeps circuit breakers securely in place, preventing possible power loss.	Super Claw - Single Sided Spike Puller
98350040	KIT, OPERATOR GUARD SCREEN	Protects operator from stray spikes. Contains operator guard (metal grating), mounting hardware and instructions to upgrade one operator station. (2 required for Grabber).	Super Claws, Grabber, Grabber LS-2
98350044	KIT, LOCK-UP STANDARD PULLING HEAD	Holds locking pin secure in lock/unlock positions. Prevents roll pin or hex pin breaking, allowing lock pin to be released. 1 kit per side, 2 required for dual puller. Contains 1" pin.	Grabber, Super Claws, SP2R
98350045	KIT, LOCK-UP STANDARD PULLING HEAD	Holds locking pin secure in lock/unlock positions. Prevents roll pin or hex pin breaking, allowing lock pin to be released. 1 kit per side, 2 required for dual puller. Contains 1-3/8" pin.	Grabber, Super Claws, SP2R
98350135	KIT, WORKHEAD SERVICE STD. - LEWIS	Service kit to replace wear items on the Spike Puller workhead.	SP2R, Grabber, Grabber LS-2, Super Claw
98350140	KIT, CLAW HOUSING SERVICE	Service Kit containing key claw housing components, including bushings and fixed length toggle links on both sides. Does not include claw housing.	SP2R, Grabber, Grabber LS-2, Super Claw
98351065	KIT, CURTAIN LH	Front, sides & rear. Protection from the elements.	Super Claws
98351066	KIT, CURTAIN RH	Front, sides & rear. Protection from the elements.	Super Claws
Trak-Inspectors			
98610004	KIT, CLAMP BRACKET	Quick field replacement of clamp bracket assembly. Includes 21450026 Bracket, Clamp and related hardware items. Assembly does one side.	Trak-Inspector

98610005	KIT,TELESCOPIC LINK(S)	Quick field replacement of Telescopic Link Assembly. Includes Outer Telescopic Link, Inner Telescopic Link, Pivot Link, Bracket, Spring, Extension Spring and related hardware. Assembly does one side.	Trak-Inspector
98610006	KIT GUIDE ROLLER	Quick field replacement of Guide Roller Assembly. Includes Insulating Shim, Block, Guide Roller, Guide Roller, Ball Bearing, Flinger, Snap Rings, Insulating Bushing and Capscrew. Assembly does one side.	Trak-Inspector
TRIPP Machines			
98760009	KIT, MANIFOLD O-RING	Back-up supply of 90 durometer O-rings in a carrying case.	TRIPP
98760011	KIT, PANEL CIRCUIT BREAKER	Positive locking mechanism keeps circuit breakers securely in place, preventing possible power loss	TRIPP
98760014	KIT, GRIPPER PINS REWORK	4-hole retaining plate pins with capscrews, improvement over old 2-headless pins. Two kits per machine.	TRIPP
98760018	KIT, LEVER RAIL LIFT (TRUNION END)	Convenience package containing lever, bracket, clamp roller, pin & hardware.	TRIPP
98760019	KIT, LEVER RAIL LIFT (NON-TRUNION END)	Convenience package containing lever, rail clamp mounting bracket, clamp roller, pin & hardware.	TRIPP
98760021	KIT, GRIPPER PIVOT BRACKET W/ 4 BOLT PINS	4-hole retaining plate pins retained with cap screws; improved durability over 2 headless pins. Includes bracket. 2 kits per machine.	TRIPP
98760024	KIT, RAIL CLAMP REPLACEMENT	Resists movement of pin if clamps closed while machine moving. 2 kits required per machine.	TRIPP
98760029	KIT,RAIL CLAMP WHEEL (NON-INSULATED)	Replaces all items in the non-insulated rail clamp guide rollers except wheels.	TRIPP
98760030	KIT, RAIL CLAMP WHEEL (INSULATED)	Replaces all items in the insulated rail clamp guide rollers except the wheels.	TRIPP
98760031	ROLLER PIN WITH CLAMP ROLLER	Convenience kit to service two rail clamp levers. Includes rail lift roller pin, washers, bushings, slotted nut, clamp roller.	TRIPP
98760032	ROLLER PIN W/O CLAMP ROLLER	Convenience kit to service two rail clamp levers. Includes rail lift roller pin, washers, bushings, slotted nut.	TRIPP
98760035	KIT, RING STOP HAND CONTROLLER	Prevents overextension and premature wear of joystick valve.	TRIPP
98760036	KIT, TIE INSERTION STOP	Provides positive stop for 8.5-foot ties. More efficient, no more tie regrip.	TRIPP
98760045	KIT, EXCHANGE CYLINDER UPGRADE	Slows down last few inches of stroke for longer cylinder life, less downtime. Includes 2 cylinders.	TRIPP
98760050	KIT, JOYSTICK UPGRADE	Improved longevity of Tie Gripper Tilt Joystick switch.	TRIPP
98760054	KIT, TRIPP WORKHEAD	Quick field change-out. Complete new gripper assembly with all the latest upgrades.	TRIPP
98760056	KIT, INTERIOR CAB LIGHTING	Heavy-duty unit with two-swivel mounted lights offers improved TRIPP cab illumination.	TRIPP
98760059	KIT, CAB TUBE UPGRADE	Easier changeout of tubes under cab in the event of a leak.	TRIPP

98760061	KIT, PROPEL SWITCH FOOT GUARD	Guard covering propel pedals bolts to floor to prevent accidental activation of pedal. Arrows easily distinguish forward and reverse pedal.	TRIPP
98760062	KIT, PRESSURE SWITCH UPGRADE	Upgrade pressure switches with more durable design.	TRIPP
98760065	KIT, ENGINE NOISE DEFLECTOR	Adds hinged, foldable Noise Deflector to lower or redirect engine noise at high RPMs. Deflector can be unbolted to allow upper portion to fold down for access to engine for maintenance.	TRIPP
98760066	KIT, VALVE UPDATE	from original joystick valve.) 98760036 KIT, HAND CONTROLLER STOP RING is not required with the new joystick valve. Reuse handle from original valve.	TRIPP
98760067	STOP, SUSPENSION ARM	Used when re-railing the TRIPP to prevent suspension arms from pivoting down and damaging air shocks. Includes four 75760028 Suspension Arm Stops.	TRIPP
98760068	KIT, TIE GRIPPER STORAGE (W/O GRIPPERS)	Gripper storage brackets mount on back of machine for quick changeout wood and concrete grippers.	TRIPP
98760069	KIT, TIE GRIPPER STORAGE (WOOD GRIPPERS)	Support brackets with a set of 4 wood Tie Grippers for storage on machine. Quick changeout between wood and concrete grippers.	TRIPP
98760070	KIT, TIE GRIPPER STORAGE (CONCRETE GRIPPERS)	Support brackets with a set of 4 concrete Tie Grippers for storage on machine. Quick changeout between wood and concrete grippers.	TRIPP
98760072	KIT, RAIL LIFT MANIFOLD BLOCKS	Provides improved support of the manifold and less stress to mounting bolts	TRIPP
98760075	KIT, VALVES & COIL REPAIR	Reduce machine downtime with convenient, complete maintenance kit for air valves.	TRIPP
98760075	KIT, PIVOT PINI & BUSHING	result in costly repairs.	TRIPP
98760246	KIT, CAB WINDOW SHADE	Improves working conditions by reducing glare and heat in the cab.	TRIPP
98760289	KIT, INSERTION SPEED CONTROL	Allows adjustment of insertion speed for improved control.	TRIPP
Kits for Multiple Machine Types			
22233101	ASSEMBLY, CUP HOLDER	Convenient storage for drinks and other items. Made of soft PVC vinyl, mounting screws included.	All machines
98400003	KIT, SCREW SPIKE PUSHER BLOCK (BREAKAWAY STYLE)	Breakaway design pivots out of the way if socket contacts pusher block; helps prevent breakage and reduces maintenance.	TTSS, M3 w/Lag Module
98410022	KIT,LATCH ENGINE DOOR J DEERE	Heavy duty construction latch, one kit per door.	Anchor Applicator E, Model C, M3 B & C, Hydra Hammer A, B, & B2
98410248	KIT,OIL COOLER FAN & MOTOR UPGRADE 24V	Fan/Motor/Finger Guard Assembly, Shroud and Wiring Harness Adapter Upgrade Kit can be used if existing Cooler Core still functional. New assembly has 7 instead of 3 blades, dust and water resistant for longer life. Individual components can be ordered separately after initial replacement.	CX Hammer, 99C, C-CX Conversion, SP2R, Grabber Conversion, RTP, M3 Model D, Rebuilt PSS, G2

98410249	KIT,OIL COOLER UPGRADE 24V W/ADAPTER HARNESS	Oil Cooler Replacement Kit, contains Oil Cooler Core, Fan,Motor, Finger Guard Assembly, Shroud and Wiring Harness Adapter for ease of field replacement. New assembly has 7 blades instead of 3, dust and water resistant for longer life. Individual components can be ordered separately after initial replacement.	CX Hammer, 99C, C-CX Conversion, SP2R, Grabber Conversion, RTP, M3 Model D, Rebuilt PSS, G2
98410835	KIT, BOLT 10-24 W/DACROMET COAT	Prevent corrosion & broken bolts; easier valve replacement.	TRIPP, CX Hammer, Anchor Applicator
98450019	KIT, PANEL CIRCUIT BREAKER	Positive locking mechanism keeps circuit breakers securely in place, preventing possible power loss.	M3
98680047	KIT,OIL COOLER FAN & MOTOR UPGRADE 12V	Fan/Motor/Finger Guard Assembly, Shroud and Wiring Harness Adapter Upgrade Kit can be used if existing cooler core still functional. New assembly has 7 instead of 3 blades, dust and water resistant for longer life. Individual components can be ordered separately after initial replacement.	Anchor Applicator, Anchor Remover, Model C, Hydra Hammer, Hydra Spiker, Grabber, Super Claw Rebuild, Super Claw, M3, Ride-On Adzer
98680048	KIT,OIL COOLER UPGRADE 12V W/ADAPTER HARNESS	Oil Cooler Replacement Kit, contains Oil Cooler Core, Fan,Motor, Finger Guard Assembly, Shroud and Wiring Harness Adapter for ease of field replacement. New assembly has 7 blades instead of 3, dust and water resistant for longer life. Individual components can be ordered separately after initial replacement.	Anchor Applicator, Anchor Remover, Model C, Hydra Hammer, Hydra Spiker, Grabber, Super Claw Rebuild, Super Claw, M3, Ride-On Adzer
98800013	KIT, COAT HANGER	Keeps clutter out of operator area and walkways.	All machines