

Serving Rail & Industry for 40 Years



INNOVATIVE PARTS & SOLUTIONS CATALOGUE

- Rail Handling & Track Tools
- Rail Gauges
- Hand Tools
- Locomotive Parts
- Brake Components
- Railway Equipment Servicing
- Custom Rail Machining & Bending
- Maintenance of Way Parts
- Rail Safety Products
- Rail Carts
- Wheels and Wheel Assemblies
- Specialty Equipment Fabrication



INNOVATIVE PARTS & SOLUTIONS Ltd.

20125 Stewart Crescent
Maple Ridge, B.C. V2X 0T6 Canada

Tel: 604.465.8994 Fax: 604.465.4397
railwayparts.com

VOLUME 10



Our Mission:

The IPS team is dedicated to quality and service, manufacturing and supplying an extensive range of parts and designing innovative solutions for rail and industry to increase our customers' productivity and safety.

A COMMITMENT TO QUALITY AND EXCEEDING STANDARDS

INNOVATIVE PARTS & SOLUTIONS: SOLID SUCCESS IN RAIL SERVICE

From the tools our company designs to lay and maintain track to the parts that keep locomotives and freight cars operating, IPS is here to help you get the job done.

At IPS, the scope of work includes servicing equipment for track maintenance and replacement parts for freight and passenger cars and diesel locomotives. We specialize in rebuilds and repairs. Our team has the expertise needed to help you solve engineering challenges quickly and to deliver the tools and parts needed to keep you on track. Customers openly share their feedback on how impressed they are with our speed, quality and design — all at a competitive price.

OUR COMMITMENT

We employ a comprehensive inspection process to ensure that our products meet or exceed exacting specifications. For example, every IPS rail tong is tested at each stage of the production process and undergoes an initial visual inspection, a magnetic particle test, a load pull test, and a further magnetic particle test by an independent testing company. We also perform periodic ultimate destructive tests which are reviewed to maintain product consistency. As part of this process, each tong is stamped with a serial number to ensure future traceability.

At Innovative Parts and Solutions, everyday is an opportunity for us to tackle new engineering challenges, to design, to innovate, and to impress our customers with quality and responsive service.

DIFFERENT PLACES, DIFFERENT REQUIREMENTS

At IPS we know that Safety comes first, and safety requirements differ from region to region. While we engineer our parts to the highest standards if your area has specific requirements for testing, safety-colour coding, or measurement standards, just let us know — we are happy to answer to your needs.



VOLUME 10

INNOVATIVE PARTS & SOLUTIONS CATALOGUE



IPS provides local, mobile field service for on-site fabrication, installation and machinery repair, as well as local pick-up and delivery.

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RAIL HANDLING TOOLS



RAIL TONG "FROG DAWG II" 6.0-TON

IPS's latest innovation in high-performance, heavy-duty tongs for handling RBM and SSGM frogs. Designed to lift most styles of frogs with a minimum safety factor of 3.5.

Part #: FHD6.0-IPS

Weight: 60 lbs.



RAIL TONG 3.3-TON "LITTLE DAWG"

Little Dawg rail tongs are lightweight yet strong enough to lift single lengths of rail with ease. Designed to open automatically when lowered onto the head of a rail, this tool will handle most rail profiles.

Part #: RHD3.3-IPS

Weight: 15 lbs.



RAIL TONG 6.0-TON "RAIL DAWG II"

Rail Dawg II rail tongs are designed with a working load limit of 6 tons. Manufactured from high-strength alloy steel, these tongs feature two lifting handles and a rugged design for long-term field performance.

Part #: RHD6.0-IPS

Weight: 50 lbs.



RAIL TONG 8-TON "BIG DAWG"

The STRONGEST, SAFEST tongs in the industry - with an impressive 8-ton working load limit! Manufactured from high-strength alloy steel and designed to lift single lengths of rail.

Part #: RHD8-IPS

Weight: 82 lbs.



RAIL TONG 10-TON "MEGA DAWG"

IPS's newest answer to heavy-weight rail-lifting needs, with a 10-ton working load limit! Manufactured from high-strength alloy steel, designed to lift single lengths of rail, and tested to 50,000 lbs.

Part #: RHD10-IPS

Weight: 90 lbs.



TIMBER TONG 2.2-TON

2.2 Ton rated capacity. Includes replaceable tips designed specifically for lifting wooden timbers.

Part #: TT2.2-IPS

Weight: 22.2 lbs.

Replaceable Tip, Timber Tong, 1/2"

Heat-treated, high-strength 1/2" diameter timber tong tip, complete with nut and lock washer for use with timber tongs. Discounted pricing when purchased in boxes of 12.

Part #: T-500-IPS

Weight: 0.25 lbs.



"JEFFERSON" RAIL THREADER TONG

This unique high-performance rail threader operates like a conventional rail threader, but has 2 rollers mounted on each jaw of the tong to allow the rail to thread through the tongs. Available with a squared handle for use with IPS tongs or with a rounded handle for use with a crane hook.

Square Handle

Part #: 2310045A

Weight: 138 lbs.

Hook Handle

Part #: 2310045B

Weight: 136 lbs.

Replaceable Roller Ass'y, Jefferson Threader

Replacement rollers for the Jefferson Tongs are supplied complete with axle, bearing, lock washer and nut.

Part #: 2310045A-01

Weight: 9.0 lbs.





“BULL DAWG” RAIL THREADER

The IPS Bull Dawg threader is sturdy and designed with high-quality bearings and rollers to ensure long-lasting performance. Available with either square handle for use with IPS rail tongs or the triangular, peaked handle for use with a crane hook. 6-Ton working load limit. Fits 112-141 lbs./51-68 Kg rail profiles.

(Square Handle) Part #: 2310044C Weight: 285 lbs.
 (Hook Handle) Part #: 2310044D Weight: 280 lbs.



1 “Bull Dawg” Rail Threader Handle, Square

A heavy-duty handle for the Bull Dawg rail threader (2310044C), designed for lifting with IPS tongs. 1-1/2” diameter bore.

Part #: 2310044C-01 Weight: 10.2 lbs.

2 “Bull Dawg” Rail Threader Handle, Hook

A heavy-duty, galvanized, rounded hook handle for the Bull Dawg Threader (2310044D), designed for lifting with a crane hook. 1-1/2” diameter bore.

Part #: 2310044D-01 Weight: 5.6 lbs.

3 Replaceable Roller Ass’y, Bull Dawg Threader

Replacement pivot bar and roller assemblies for the Bull Dawg ball threader. Each bar measures 15” long x 4” wide and is sold complete with heavy-duty rollers, bearings and axles.

Part #: 1347 Weight: 30 lbs.

4 Pin, Bull Dawg Handle

Pin for the handles on Bull Dawg threaders. Composed of a pin, nut, & cotter pin.

Part #: 2310044C-03 Weight: 6.5 lbs.

5 Pin, Bull Dawg Pivot Bar

Pin for the pivot bars on Bull Dawg threaders (part # 1347).

Part #: 2310044C-02 Weight: 2.2 lbs.



RAIL THREADER “HOUND DAWG”, 5-TON

At just 95 pounds, the Hound Dawg rail threader provides heavy-duty performance in a comparatively light and easy to handle unit. Heavy-duty rollers are designed with protected bearings for long term performance at an astonishing 5-Ton working load limit.

Part #: HDT-500 Weight: 95 lbs.

1 Replaceable Roller Ass’y, Hound Dawg Threader

Heat-treated replacement rollers for the Hound Dawg threader are supplied complete with axles, bearings, lock washers and nuts.

Part #: HDT-500-01 Weight: 9 lbs.

2 Rail Threader “Hound Dawg” Clevis Shackle, 1”

A 1” clevis shackle for use as an addition to the HDT-500 “Hound Dawg”, complete with screw pin.

Part #: HDT-500-SHK Weight: 5.0 lbs.



RAIL HANDLING TOOLS



“CYCLOPS II” RAIL PULLER, 25 TON

The Cyclops II rail puller has positive camlock action to prevent slippage when pulling long lengths of rail. The unique cam design will accommodate all rail profiles. The Cyclops II rail puller has a 25-ton working load limit based on a safety factor of 2, is manufactured from high-strength steel alloy, and is designed to pull 1/4 mile lengths of rail. Can be connected to a crane without a shackle.

Part #: 2310000C

Weight: 81 lbs.



RAIL THREADER “TITAN”

This robust threader with hinged door is manufactured with four heavy-duty rollers and bearings and is designed for bolted rail. Replacement rollers available. Overall dimensions: 26-1/2” high x 28” wide x 19” deep. 6-Ton WLL.

Part #: 2310004C

Weight: 370 lbs.



REPLACEABLE ROLLER ASS’Y, TITAN THREADER

Replacement roller assemblies for the “Titan” Rail Threader. Each roller measures 4-1/2” diameter x 14” long and comes complete with bearings.

Part #: 2310004C-01

Weight: 44 lbs.



IPS can provide customization to comply with local safety regulations, such as our Oceania-compliant safety yellow painted Rail Handling Tools:

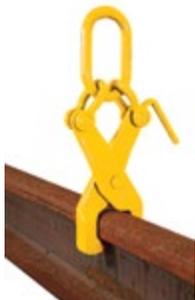


RAIL TONG “FROG DAWG II” 6.0-TON, AU

6-Ton “Frog Dawg II” rail tong painted yellow to conform to safety regulations of areas like Australia and New Zealand.

Part #: FHD6.0-AU

Weight: 60 lbs.



RAIL TONG 3.3-TON “LITTLE DAWG”, AU

3.3-Ton “Little Dawg” rail tong painted yellow to conform to safety regulations of areas like Australia and New Zealand.

Part #: RHD3.3-AU

Weight: 15 lbs.



RAIL TONG 6.0-TON “RAIL DAWG II”, AU

6-Ton “Rail Dawg II” rail tong painted yellow to conform to safety regulations of areas like Australia and New Zealand.

Part #: RHD6.0-AU

Weight: 50 lbs.

All IPS tongs are designed for long-term field performance and are made from high-strength alloy steel. Every tong is individually magnetic particle tested, pull test certified, and engraved with a serial number to maximize worker safety.



RAIL TONG 8-TON "BIG DAWG", AU

8-Ton "Big Dawg" rail tong painted yellow to conform to safety regulations of areas like Australia and New Zealand.

Part #: RHD8-AU

Weight: 82 lbs.



RAIL TONG 10-TON "MEGA DAWG", AU

10-Ton "Mega Dawg" rail tong painted yellow to conform to safety regulations of areas like Australia and New Zealand.

Part #: RHD10-AU

Weight: 90 lbs.



TIMBER TONG 2.2 TON C/W TIPS, AU

2.2-Ton Timber tongs painted yellow to conform to safety regulations of areas like Australia and New Zealand.

Part #: TT2.2-AU

Weight: 22.2 lbs.



"JEFFERSON" RAIL THREADER TONG W/ HOOK HANDLE, AU

3-Ton "Jefferson" rail threader painted yellow to conform to safety regulations of areas like Australia and New Zealand.

Part #: 2310045B-AU

Weight: 136 lbs.



RAIL THREADER "HOUND DAWG", 5-TON, AU

5-Ton "Hound Dawg" rail threader painted yellow to conform to safety regulations of areas like Australia and New Zealand.

Part #: HDT-500-AU

Weight: 95 lbs.



RAIL PULLER "CYCLOPS II", 25 TON, AU

25-Ton "Cyclops II" rail puller painted yellow to conform to safety regulations of areas like Australia and New Zealand.

Part #: 2310000C-AU

Weight: 81 lbs.



RAIL CLAMP C/W TETHER, 25' ROPE, AU

Part #: RTC-500-AU

Weight: 5.0 lbs.

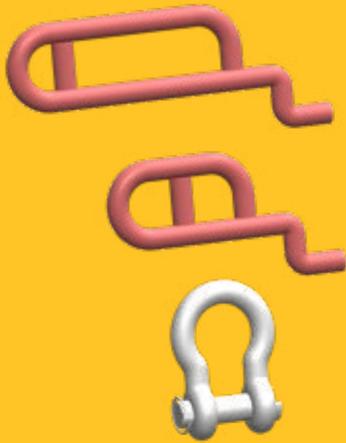
Rail Clamp c/w Tether, 50' rope, Au

Part #: RTC-550-AU

Weight: 6 lbs.

Painted Safety Yellow.

RAIL HANDLING TOOLS



QUICK CONNECT ASS'Y W/ HANDLES

Quick connect assembly for easy rail movement consisting of one long hook with handle (2362000A-10), one short hook with handle (2362000A-11), and one 3/4" shackle (2362000A-04).

Part #: 2362000D

Weight: 14.3 lbs.

Quick Connect, Long, with Handle

13-1/2" long, 7/8" rod formed with handle to quickly provide link points for rails. Can be linked with chains or other link devices.

Part #: 2362000A-10

Weight: 6 lbs.

Quick Connect, Short, with Handle

9-3/4" long, 7/8" rod formed with handle to quickly provide link points for rails. Can be linked with chains or other link devices.

Part #: 2362000A-11

Weight: 5 lbs.



RAIL SHOE, LIGHTWEIGHT

Lightweight rail shoe to facilitate dragging lengths of rail without catching on terrain or other obstacles.

Part #: RSL-800

Weight: 12.8 lbs.



RAIL SHOE, HEAVY DUTY, 115 LB.

Heavy duty rail shoe ('nose cone') to facilitate dragging lengths of rail without catching on terrain or other obstacles.

Part #: RSH-115

Weight: 45.5 lbs.



RAIL SHOE, GUIDED

Guided rail shoe for 136 lbs. rail

Part #: RSG-136

Weight: 39 lbs.



QUICK CONNECT ASS'Y, 6' CHAIN

6' foot chain with quick connect bar, shackles, and quick connect hook.

Part #: 2362000C-06

Weight: 31 lbs.

Quick Connect Ass'y, 12' Chain

Part #: 2362000C-12

Weight: 47 lbs.

Quick Connect Ass'y, 16' Chain

Part #: 2362000C-16

Weight: 58 lbs.



HOOK, QUICK CONNECT

Steel hook used in some quick connect arrangements on the opposite end of a chain from the quick connect link.

Part #: 2362000A-03

Weight: 3.75 lbs.



SHACKLE, 3/4", QUICK CONNECT

3/4" quick connect shackle for a variety of uses.

Part #: 2362000A-04

Weight: 3.3 lbs.



RAIL CLAMP C/W TETHER

The IPS rail tether clamp is a unique tool that allows rails to be off-loaded safely. Designed to attach quickly to the end of a rail, the tether clamp allows a worker to guide and control a rail during loading and unloading, and minimizes the risk of accidental employee injury and property damage. Rope and attachment clasp included.

25' rope Part #: RTC-500 Weight: 5 lbs.
50' rope Part #: RTC-550 Weight: 6 lbs.



GUIDE, RAIL LOADER

Rail loader guide for continuous welded rail applications.

Part #: 2362002A Weight: 37.5 lbs.



SWIVEL, EYE-AND-EYE, 1", 12500 LBS.

1" galvanized steel eye-and-eye swivel link with 12,500 lbs. working load limit. (WLL applies to straight line pulls only.)

Part #: 2310032A Weight: 8.7 lbs.



RAILRUNNER

The IPS Railrunner is a heavy-duty rail handling device which is ideal for laying new rail. Designed to be used with wooden or concrete ties, the unique configuration allows units to be locked together into compact stacks to minimize freight costs and storage requirements.

Part #: 2310055A Weight: 43 lbs.

RAILRUNNER STORAGE SYSTEM

This heavy-duty frame is designed to store up to 50 railrunners and can also be used as a shipping crate. The storage system is designed to be moved with forklift or overhead crane.

Part #: 2310055A-03 Weight: 290 lbs.



RAILRUNNER - STREET VERSION

The IPS Railrunner Street Version is a heavy-duty rail handling device which is ideal for laying new rail. This railrunner is designed for use on concrete or pavement.

Part #: 2310055A-SV Weight: 41 lbs.

Railrunner Roller

A replaceable roller for the Railrunner track handler.

Part #: 2310055A-02 Weight: 12 lbs.

Railrunner Bearing

A replaceable, heavy-duty pillow block bearing designed to accommodate the 1-1/8" diameter axle on the Railrunner roller.

Part #: 2310055A-04 Weight: 2.6 lbs.



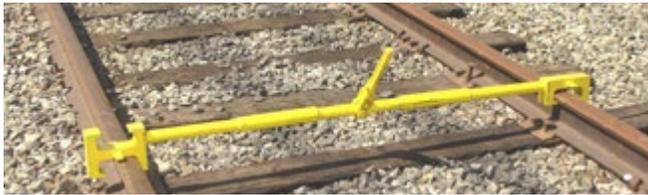
RAIL HANDLING TOOLS



RAIL GAUGER, HEAVY-DUTY EXPANDER/PULLER

Heavy-duty aligning tool designed for correcting wide or tight gauge. Alignment can be achieved from either the base or top of the rail. A great tool for rail change out application, restoring gauge quickly and easily in derailment areas, and holding gauge during tie renewal programs.

Part #: 2310030B Weight: 41 lbs.



RAIL GAUGER, INSULATED EXPANDER/PULLER, 42"

42" Heavy Duty aligning tool designed for correcting wide or tight gauge. Alignment is achieved from the base of the rail. Insulated and designed for 30 Kg to 40 Kg rail. Great tool for rail change out application, restoring gauge quickly and easily in derailment areas and holding gauge during tie renewal programs.

Part #: 2310030D Weight: 35 lbs.

ROD, DOUBLE END GAUGE, NON-INSULATED



Heavy-duty aligning tool designed for correcting wide or tight gauge. Alignment is achieved from the base of the rail. A great tool for rail change out application, restoring gauge quickly and easily in derailment areas, and holding gauge during tie renewal programs.

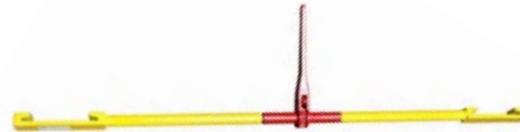
Part #: 4127-02 Weight: 38 lbs.



RAIL ALIGNMENT TOOL, PULL, 3 PIECE

Three-part device designed to pull rails back into alignment so that re-railing can proceed. Specially designed 1/2" thick steel plate rail-pull clamps allow cars to pass over the clamps without damage.

Part #: 4023-74-IPS Weight: 63.5 lbs.



RAIL GAUGER, EXPANDER/PULLER

Aligning tool designed for correcting wide or tight gauge. Alignment is achieved from the base of the rail. A great tool for rail change out applications, restoring gauge quickly and easily in derailment areas, and holding gauge during tie renewal programs.

Part #: 2310030A Weight: 20 lbs.



GAUGE ROD, INSULATED SINGLE END, 56-1/2", 33 LBS.

1-1/4" x 56-1/2" single end insulated gauge rod, 33 lbs. Used to temporarily maintain gauge where normal rail anchors are insufficient until replacements can be made.

Part #: 2310030F Weight: 33 lbs.



GAUGE ROD, SINGLE END, 56-1/2", 28 LBS.

1-1/4" x 56-1/2" single end industrial gauge rod, 28 lbs. 72" overall with 9" thread. Used to temporarily maintain gauge where normal rail anchors are insufficient until replacements can be made.

Part #: 2310030E Weight: 28 lbs.



TRACK JACK, 15-TON TALL

15-Ton Track Jack with a 13" stroke. Grooved lift toe is 2-1/2" x 3-1/4". Solid cast aluminum base remains lightweight while maintaining superlative strength and stability, with heat-treated, forged components.

Part #: TJ-A17 Weight: 50 lbs.

Track Jack, 15-Ton Short

15-Ton Track Jack with a 5-1/4" stroke. Grooved lift toe is 2-1/2" x 3-1/4".

Part #: TJ-A5 Weight: 30 lbs.



AXLE SHAFT, ROLLER, UHMW

1-1/16" diameter x 9-1/4" long UHMW CWR axle roller shaft.

Part #: 0808119A

Weight: 3 lbs.



NUT, JAM, 1-1/4"-12 NF

1-1/4"-12 thin jam nut for CWR Trains.

Part #: 0806142A

Weight: 0.5 lbs.



ROLLER W/ BEARINGS, CWR BOTTOM, 6" X 11-3/4"

6" x 11-3/4" CWR bottom loading/unloading roller, including roller bearings (806929).

Part #: 806934

Weight: 65 lbs.



ROLLER, CWR BOTTOM, 6" X 11-3/4"

6" od x 11-3/4" thick bottom roller for CWR cars.

Part #: 806935

Weight: 65 lbs.



ROLLER, CWR TOP, 6" X 9-1/2"

6" od x 9-1/2" long top roller for CWR cars. Cylinder roller is tapered in centre down to 4" od to guide rails.

Part #: 806940

Weight: 40 lbs.



PLATE, CWR CLAMP

14" long x 5" wide, 1-1/4" thick steel CWR clamp plate with three placement holes and two 4-3/8" high U-hooks.

Part #: 0806148A

Weight: 23 lbs.



PIN, CWR ROLLER, 2" X 5"

2" x 5" steel roller pin for CWR rollers.

Part #: 807093

Weight: 4 lbs.



PIN, ROLLER, 2" X 14-11/16"

2" diameter x 14-11/16" long 4140 steel roller pin for CWR cars.

Part #: 0806098A

Weight: 12.5 lbs.

ROLLER, RAIL TRAIN

Rail train rollers with internal, protected bearings. Often used on CWR cars.

Part #: 0806144A



SPACER, CWR, 2-1/2", STEEL

2-1/2" od, 1.98" id x 1/2" steel spacer for CWR trains.

Part #: 0806096A

Weight: 0.25 lbs.



WASHER, CWR, 5-1/4", ALUMINUM-BRONZE

5-1/4" od, 2-5/8" id aluminum-bronze bottom roller washer for CWR cars. 0.483" thick.

Part #: 782579

Weight: 2 lbs.

RAIL HANDLING TOOLS

HERMITE SUPPORT

BOX, SLAG, THERMITE



24" long x 18" wide slag box with handles and 4 D-ring lifting lugs, designed for thermite use. Dual-latch release handle allows for load to be emptied via base trap.

Part #: 0923185A

Weight: 77.5 lbs.



CLIP, COURTING

Courting clip for thermite welding applications.

Part #: 0806147A

Weight: 4.5 lbs.

GROUNDING CABLE ASS'Y, 5'

Grounding cable assembly, 5 foot, composed of right and left grounding clamp, associated screws, and insulated orange wire. Used for Thermite operations.

Part #: 0808020A



RAIL GRINDER ATTACHMENT

An innovative attachment to assist in grinding down rail after welding.

Part #: RGA3825

Weight: 27.5 lbs.



WEDGE, 6" X 3/4", 1-1/2" THICK

Steel wedge, 6" long x 3/4" high, 1-1/2" thick. Used to hand-level rail for thermite welding crews.

Part #: 0806108A

Weight: 1 lb.

Wedge, 10" x 2", 1" thick

Part #: 0806107A

Weight: 2.8 lbs.

Wedge, 13" x 3", 1" thick

Part #: 0806109A

Weight: 5.5 lbs.

Wedge, 18" x 2", 1-1/2" thick

Part #: 0806110A

Weight: 7.6 lbs.



RAIL HANDLING TOOLS

GRINDING DEVICES

IPS supplies cutting, grinding, web-cleaning and grit-flap wheels from Flexovit. Some examples are below, but other sizes and functions are available upon request.



Part#	Name	Description
F5685	Cut Off Wheel, Rail Saw, High-Performance, 16"	Flexovit zirconia grain 16" diameter high performance rail saw blade, for rail profiles 120 lbs. and up. Used primarily for cutting rail. Max 5,400 rpm.
F6685	Cut Off Wheel, Rail Saw, High-Performance, 14"	Zirconia grain 14" diameter high performance rail saw blade, for rail profiles 120 lbs. and up. Used primarily for cutting rail. Max 4,800 rpm.
F6681	Cut Off Wheel, Rail Saw, High-Speed, 16"	Zirconia grain 16" diameter high performance rail saw blade, for rail profiles 120 lbs. and up. Used primarily for cutting rail. Max 4,800 rpm.
F5681	Cut Off Wheel, Rail Saw, High-Speed, 14"	Zirconia grain 14" diameter high performance rail saw blade, for rail profiles 120 lbs. and up. Used primarily for cutting rail. Max 5,400 rpm.
A1580	Cut Off Wheel, Type 27, 5" x .04" x 7/8"	5" x .04", 7/8" drive, type 27 Flexovit cut off wheel for rail grinding applications. Max 12,000 rpm.
N5259S	Grinding Stone, 5" x 2", 5/8"	5" x 2", 5/8"-11 drive, steel reinforced type 11 Flexovit tapered grinding stone for rail grinding applications. Max 7,200 rpm.
N6059	Grinding Stone, 6" x 1", 5/8"	6" x 1", 5/8"-11 drive, type 1 Flexovit reinforced grinding stone for rail grinding applications. Max 6,000 rpm.
N6289S	Grinding Stone, 6" x 3", 5/8"	6" x 3", 5/8"-11 drive, steel reinforced type 6 Flexovit grinding stone for rail grinding applications. Max 6,000 rpm.
N8058	Grinding Stone, 8" x 1", 1"	8" x 1", 1" drive, Flexovit type 1 reinforced grinding stone for rail grinding applications. Max 6,000 rpm.
N8059	Grinding Stone, 8" x 1", 5/8"	8" x 1", 5/8" drive, Flexovit type 1 reinforced grinding stone for rail grinding applications. Max 6,000 rpm.
A8224H	Grinding Wheel, 9" x 1/4", 5/8"	9" x 1/4", 5/8"-11 drive, type 1 reinforced grinding stone for rail grinding applications. Max 6,800 rpm.
F5359	Web Cleaning Wheel, 12" x 1/4" x 20mm	12" x 1/4", 20mm Flexovit rail web cleaning wheel. Max 6,300 rpm.



GUARD, STIHL RAIL SAW

9-7/8" diameter saw guard designed for Stihl TS420 rail saws. Painted Red.

Part #: 2310171A

Weight: 7 lbs.



SHIELD, SPARK

36" wide x 44" high hinged rail cutting spark shield.

Part #: 2310085A

Weight: 29.5 lbs.

MAINTENANCE OF WAY PARTS

STORAGE



BOX, HEAVY DUTY TOOL STORAGE

This heavy-duty, lockable tool storage box measures 23-3/8" long x 10-5/8" wide x 13-7/8" high. Ideal for securing portable tool kits or other portable equipment in the field. Available with rear hinge (2310025A) or top hinge (2310025B). (Blue toolbox not included.)

Part #: 2310025A (Rear Hinge)

Weight: 79 lbs.

Part #: 2310025B (Top Hinge)

Weight: 79 lbs.



BOX, 8-D BATTERY

11" x 11" x 24" Checker plate storage box similar to part # 2310023A, but with battery switch mount and access hole in the back of box for cables.

Part #: 2310022A

Weight: 56 lbs.



BOX, PARTS MANUAL, STEEL

Steel box with hinged lid and lockable catch. 4" deep x 12" wide x 14" high in front and 16" high in back.

Part #: 2310019A

Weight: 11 lbs.



BOX, STORAGE, W/ CHECKER PLATE LID

Lockable battery box, 11" x 11" x 24". Box # 2310023A is a sealed unit; box # 2310022A has a battery switch mount and access port for cables.

Part #: 2310023A

Weight: 56 lbs.



BOX, SPLIT HINGE RADIO

Steel box with split-hinge frame, hinged lid and lockable catch. 3" deep X 11" wide X 12" high in front and 14" high in back.

Part #: 2310020A

Weight: 8.4 lbs.



BOX, OPERATION & PARTS BOOK

15" tall x 14" wide x 6". Lockable, wall-mountable, and ideal for manuals, parts books, or other field documents.

Part #: 2310019B

Weight: 6 lbs.

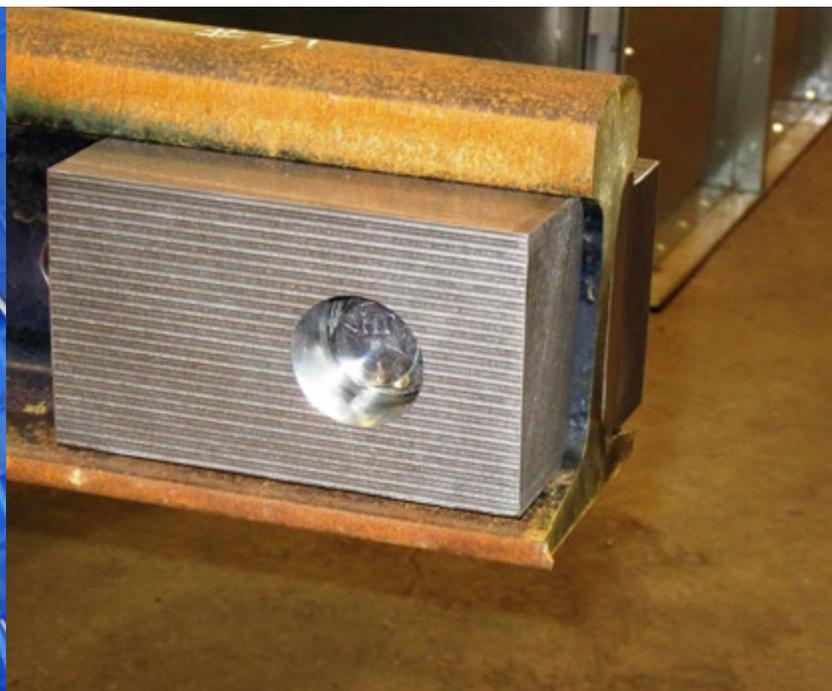


LOCK BOX, HEAVY DUTY KEY

Heavy-duty, steel lock box ideal for securing equipment keys. 4" x 4" x 3", heavy duty hasp and hinged lid, hammer-coat finish. Four mounting holes in base.

Part #: 2310061A

Weight: 2.5 lbs.



Today railroads carry 40% of all freight in the US – more than at any other time in history.



ADZER CUTTING HEAD, 4-SIDED

IPS manufactures 4-sided adzer machine cutting heads in 16", 19" and 21" diameters. Precision machined from high-strength steel and hard-faced in high wear areas. Adzer bits sold separately.

Part #: 764986-IPS (16" Dia.) Weight: 70 lbs.
 Part #: 764479-IPS (19" Dia.) Weight: 95 lbs.
 Part #: 761279-IPS (21" Dia.) Weight: 113 lbs.



ADZER CUTTING HEAD, 6-SIDED

IPS manufactures 6-sided adzer machine cutting heads in 19" and 21" diameters with both 2" and 3" tapers. Precision machined from high-strength steel and hard-faced in high wear areas. Adzer bits sold separately.

Part #: ADKK19-2 (19" Dia., 2" taper) Weight: 120 lbs.
 Part #: ADKK19-3 (19" Dia., 3" taper) Weight: 120 lbs.
 Part #: ADKK21-2 (21" Dia., 2" taper) Weight: 145 lbs.
 Part #: ADKK21-3 (21" Dia., 3" taper) Weight: 145 lbs.



ADZER BIT, RECTANGULAR

Rectangular adzer bits with carbide cutting inserts for reliable rail tie adzing. Designed to fit all IPS adzer heads, and accepting a standard 3/4" diameter bolt.

Part #: 731421-IPS Weight: 1.5 lbs.



ADZER BIT, RECTANGULAR, ADVANCED

Rectangular Adzer bits with mining grade carbide cutting inserts for reliable rail tie adzing. Designed to fit all IPS Adzer heads, and accepting a standard 3/4" diameter bolt. Can be rotated once.

Part #: 731425-IPS Weight: 1.5 lbs.



ADZER BIT, ROUND

IPS offers round carbide adzer bits for Adzer machines. Supplied bubbled-wrapped in boxes of 12 bits. 3-1/4" outside diameter.

Part #: 731420-IPS Weight: 2.2 lbs.



ADZER BIT, ROUND, ADVANCED

Round Adzer bits with mining grade carbide cutting inserts for reliable rail tie adzing. Designed to fit all IPS Adzer heads, and accepting a standard 3/4" diameter bolt. 3-1/4" outside diameter and capable of being fitted in either fixed or rotating configurations. Supplied with grade 8 washer.

Part #: 731424-IPS Weight: 2.4 lbs.



ADZER BIT BOLT KIT

IPS Adzer bit bolt kit comes complete with four 3/4" x 5" long grade 8 bolts, twelve stover nuts and washers. Also available in 6-bolt sets (731423-IPS).

Part #: 731422-IPS Weight: 4.6 lbs.

MAINTENANCE OF WAY PARTS



BODY STOP, ANCHOR APPLICATOR, LH

1-3/4" case-hardened alloy steel left hand body stop for anchor applicator machines. 7" x 8-1/2" overall dimensions.

Part #: 1878-0195 Weight: 17 lbs.

Body Stop, Anchor Applicator, RH

Part #: 1878-0194 Weight: 17 lbs.



BUSHING, ANCHOR APPLICATOR, 1-3/4", STEEL

1-3/4" od, 1-1/2" id x 3/4" long HSTR steel bushings for the fixed link assembly on anchor applicators (complete unit # 9668-0041).

Part #: 2211-9397 Weight: 0.15 lbs.



CAM ROLLER & BUSHING ASS'Y

3/4" od, 1/4" id, x 13/16" long overall, this assembly comprises three roller bushings in a steel-bronze-steel arrangement for anchor applicator machines.

Part #: 9668-0070 Weight: 0.08 lbs.



FIXED LINK ASS'Y

This link assembly for anchor applicators includes four installed 1-1/2" id steel bushings (2211-9397). Painted yellow.

Part #: 9668-0041 Weight: 23 lbs.



PAD, CLAMP STOP

Right and left Clamp Stop Pads for anchor applicators. 6-1/4" x 1-3/8" x 1-3/4" alloy steel, case hardened to 50-53 HRC.

Part #: 1878-0192 (RH) Weight: 2.2 lbs.
Part #: 1878-0193 (LH) Weight: 2.2 lbs.



PIN, ANCHOR APPLICATOR, 7/16" X 6-1/2"

7/16" diameter x 6-1/2" long steel chute door pin for anchor applicator machines, with welded 1" od x 1/2" thick washer.

Part #: 5423-6950 Weight: 0.31 lbs.



PIN, ANCHOR HOLDER, 1" X 4-3/4"

1" diameter x 4-3/4" C1018 pin with welded 5/8" SAE washer at end, for anchor applicators. 2 pins usually required per machine.

Part #: 5404-7190 Weight: 1 lb.



SHOE, CLAMP

1-1/2" x 1-5/16" x 2-1/2" clamp shoe for the anchor tool on anchor applicators. 1/2" machined gap.

Part #: 1878-0154 Weight: 1.1 lbs.



SPRING KEEPER, ANCHOR APPLICATOR, 7/8", STEEL

7/8" diameter spring keeper with 1-3/4" diameter shoulder. 3/4" high, used for anchor applicator machines.

Part #: 6155-8800 Weight: 0.22 lbs.



TURNBUCKLE

Turnbuckle mount for anchor applicators. 3" diameter threaded mount, 8-3/4" total height, with 1-1/2" id steel bushings in the turnbuckle arms. Painted safety yellow.

Part #: 6605-8846 Weight: 14 lbs.



TURNBUCKLE, ANCHOR APPLICATOR

A solid anchor applicator turnbuckle for anchor applicators, including grease fitting and hardened steel bushing. Fits within hexagonal housing (part # 8290-0012).

Part #: 6606-8865 Weight: 5 lbs.



TURNBUCKLE HOUSING, ANCHOR APPLICATOR

Precision milled steel alloy hexagonal housing for anchor applicator turnbuckles (part # 6606-8865).

Part #: 8290-0012 Weight: 4.8 lbs.

MAINTENANCE OF WAY PARTS

NORDCO AUTOLIFTER



BUSHING, RAIL CLAMP WHEEL, 1-3/4", HYDALAR

1-3/4" od, 1-1/2" id x 1-1/8" long hydalor autolifter rail clamp wheel bushing with lubrication groove.

Part #: 2203-7690

Weight: 0.04 lbs.

The world's longest straight section of railroad tracks is in Nullarbor Plain in Australia – it is 297 miles or 478 km long without a single curve.



PIN, AUTOLIFTER, 3/4" X 3-5/8"

3/4" diameter x 3-5/8" long steel pivot pin for autolifter machines, with two pin 1/4" holes.

Part #: 5425-1850

Weight: 0.43 lbs.



PIN, CLAMP LOCK

1" diameter x 14" long steel pin with two lock-pin holes.

Part #: 5426-3600

Weight: 3.25 lbs.

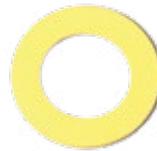


WASHER, AUTOLIFTER, 2-1/4", HYDALAR

2-1/4" od, 1-1/2" id nylon insulator thrust washer for autolifter machines. 1/8" thick.

Part #: 6418-1752

Weight: 0.01 lbs.



WASHER, AUTOLIFTER, 2-1/2", HYDALAR

2-1/2" od, 1-1/2" id hydalor insulator washer for autolifter machines. 1/8" thick.

Part #: 8605-9605

Weight: 0.03 lbs.



MAINTENANCE OF WAY PARTS



BLADE BLOCK, PLOW

Support block for Knox Kershaw ballast regulators. 3/4" steel alloy plate, 6-11/16" x 5" and painted black.

Part #: 9001399 Weight: 5.25 lbs.

Blade Block, Plow, Hard-Faced Left

Part #: 9001399L Weight: 5.75 lbs.

Blade Block, Plow, Hard-Faced Right

Part #: 9001399R Weight: 5.75 lbs.



BLADE, GRADER, 2-HOLE SHORT INBOARD

Precision cut from 3/4", heavy-duty AR400 plate for Knox Kershaw ballast regulators. 21-3/8" long x 9" wide. Painted flat black.

Part #: 9001018 Weight: 38 lbs.



BLADE, GRADER, 2-HOLE, CHROMIUM CARBIDE HARD-FACED

Precision cut from 3/4", heavy-duty AR400 plate and then reinforced with a chromium carbide overlay for Knox Kershaw ballast regulators. 21-3/8" long x 9" wide. Painted flat black.

Part #: 9001018B Weight: 39 lbs.



BLADE, GRADER, 3-HOLE OUTBOARD

Precision cut from 3/4", heavy-duty AR400 plate for Knox Kershaw ballast regulators. 29-3/4" long x 9" wide. Painted flat black.

Part #: 9011359 Weight: 54 lbs.



BLOCK, WING PIVOT

2" x 2" x 7" wing pivot block for the KBR925 ballast regulator.

Part #: 9011028-IPS Weight: 6.4 lbs.



BLADE, BALLAST REGULATOR WEAR

9" x 53" x 5/8" thick alloy steel ballast regulator wear blade for Knox Kershaw 46-1 machines. 5 hole mount.

Part #: 218508 Weight: 83 lbs.



BLADE, GRADER, 2-HOLE, AR400, 9" X 26-5/8"

Precision cut from 3/4", heavy-duty AR400 plate for ballast regulator machines. Each mounting location boasts two different height-locating holes, drastically increasing the usable wear-life of the blade. 26-5/8" long x 9" wide. Painted flat black.

Part #: 9011357 Weight: 40 lbs.



BLADE, GRADER, 2-HOLE, CHROMIUM-CARBIDE, 9" X 26-5/8"

Precision cut from 3/4", heavy-duty AR400 plate and then reinforced with a chromium carbide overlay for ballast regulators. Each mounting location boasts two different height-locating holes, drastically increasing the usable wear-life of the blade. 26-5/8" long x 9" wide. Painted flat black.

Part #: 9011357B Weight: 42 lbs.



BLADE, GRADER, 3-HOLE, CHROMIUM CARBIDE HARD-FACED

Precision cut from 3/4", heavy-duty AR400 plate and then reinforced with a chromium carbide overlay for Knox Kershaw ballast regulators. 29-3/4" long x 9" wide. Painted flat black.

Part #: 9011359B Weight: 56 lbs.



BROOM SKIRT DEFLECTOR

Broom deflector skirt baffle for Knox Kershaw ballast regulators.

Broom Skirt Deflector, L/H

Part #: 0760204 Weight: 156 lbs.

Broom Skirt Deflector, R/H

Part #: 0760203 Weight: 156 lbs.

MAINTENANCE OF WAY PARTS

KNOX KERSHAW BALLAST REGULATOR



BROOM CLAMP, STANDARD

A standard broom clamp cast from high-strength steel and designed for ballast regulators, this version has four cast 'fangs' inside the clamp to increase the biting power into rubber whiskers. Measures 5" long x 2-3/4" wide, and supplied complete with a 2-1/4" long 5/8" NC Grade 5 bolt and lock washer.

Part #: SBC-114-IPS Weight: 2 lbs.



BROOM CLAMP, PHOENIX

Broom clamp cast from high-strength steel and designed for ballast regulators, with four cast 'fangs' inside the clamp to increase the biting power into rubber whiskers. Carriage-bolt mount.

Part #: PBC-114 Weight: 2 lbs.



BROOM CLAMP, COMBINATION

The CBC-114 is a cast broom clamp suitable for all Ballast Regulators, and is designed for machines with a reversing feature. Unique design offers improved longevity. Supplied complete with a 5/8" NC grade 5 bolt and lock washer.

Part #: CBC-114 Weight: 3.3 lbs.



IPS Bushings for Knox Kershaw Ballast Regulators:

Part#	Name	Description	Weight
9000107-IPS	Bushing, Ballast Regulator, 1-3/4", Aluminum-Bronze	1-3/4" od, 1-1/2" id x 1/2" long aluminum-bronze bushing for Knox Kershaw ballast regulator machines.	0.08 lbs.
9000741	Bushing, Ballast Regulator, 1-3/4", Steel	1-3/4" od, 1-1/4" id x 3/4" long steel bushing for ballast regulator machines.	0.25 lbs.
9000646-IPS	Bushing, Ballast Regulator, 1-3/4", Aluminum-Bronze	1-3/4" od, 1-1/2" id x 1" long aluminum-bronze bushing for Knox Kershaw ballast regulator machines.	0.17 lbs.
9000110-IPS	Bushing, Ballast Regulator, 1-3/4", Aluminum-Bronze	1-3/4" od, 1-1/2" id x 2" long aluminum-bronze bushing for Knox Kershaw ballast regulator machines, with chamfered end and internal grease grooves.	0.33 lbs.
9011361-IPS	Bushing, Ballast Regulator, 2-1/2", Aluminum-Bronze	2-1/2" od, 2" id, 2" long upgraded bushings for Knox Kershaw ballast regulator machines, machined from aluminum-bronze alloy for increased durability.	0.95 lbs.
9019548	Bushing, Ballast Regulator, 2-1/2", Steel	2-1/2" od, 2" id x 2" long steel bushing for ballast regulator machines.	0.9 lbs.
9000038	Bushing, Plow Shaft, 5-1/2", Composite	5-1/2" od, 5" id x 2-1/2" long composite bushing for ballast regulator machines.	0.7 lbs.



EAR W/ BUSHINGS

Ear for KBR 850 Ballast Regulators, with bushings.

Part #: 9012664 Weight: 26 lbs

Ear w/o Bushings

Part #: 9012661 Weight: 25.6 lbs.



MALE SLIDER ASS'Y

Male slider assembly for guide wheel bracket on Knox Kershaw ballast regulators.

Part #: 9301398 Weight: 3.5 lbs.

MAINTENANCE OF WAY PARTS



PIN, BALLAST REGULATOR, 1-1/2" X 6-1/4"

1-1/2" diameter x 6-1/4" long steel pin for Knox Kershaw ballast regulators.

Part #: 9011705

Weight: 3.2 lbs.



PIN, BALLAST REGULATOR, 1-1/2" X 6-1/2"

1-1/2" diameter x 6-1/2" pin for Knox Kershaw ballast regulators.

Part #: 9012665

Weight: 3.2 lbs.



PIN, BALLAST REGULATOR, 2" X 5-5/8"

2" diameter x 5-5/8" long steel mounting pin for Knox Kershaw ballast regulators.

Part #: 9011119

Weight: 5.4 lbs.



PIN, BALLAST REGULATOR, 2" X 19-1/4"

2" diameter x 19-1/4" long steel pin for Knox Kershaw ballast regulators.

Part #: 9011109

Weight: 17 lbs.



PIN, MAIN PIVOT PLOW

3" diameter x 6-1/16" long C1018 steel main pivot plow pin with 3-1/2" square securing plate for ballast regulators machines.

Part #: 9003324

Weight: 13.7 lbs.



PIN, PLOW LIFT CYLINDER, 1-1/2" X 4-1/16"

1-1/2" diameter x 4-1/16" long plow lift cylinder pin for Knox Kershaw ballast regulators.

Part #: 9001240

Weight: 1.9 lbs.



PIN, LOWER PLOW

This is the lower pin that attaches the plow to the plow lock assembly.

Part #: 9006923

Weight: 17.6 lbs.



PIN, UPPER PLOW

This is the upper pin that attaches the plow to the plow lock assembly.

Part #: 9006926

Weight: 3.4 lbs.



PIN, MAIN WING LOCK

1-3/4" dia. x 6-3/4" steel pin with locking tab for the plow lock assembly on KBR 925 machines.

Part #: 9001218

Weight: 4.7 lbs.



PIN, WING CYLINDER, 1-1/2" X 3-1/16"

1-1/2" diameter x 3-1/16" long steel wing cylinder pin for Knox Kershaw ballast regulators.

Part #: 9001263

Weight: 1.6 lbs.

MAINTENANCE OF WAY PARTS



PIN, WING MOUNT, 1-1/2" X 4-1/8"

1-1/2" diameter x 4-1/8" long wing mount pin for Knox Kershaw ballast regulators.

Part #: 9002996 Weight: 2 lbs.



PIN, WING, 1-3/4" X 20-3/4"

This 1-3/4" diameter x 20-3/4" long pin attaches the ballast door to the main wing assembly.

Part #: 9001268 Weight: 15 lbs.



PIN, WING, 2" X 4-3/4", W/ FLANGE

Wing pin with flange for ballast regulator machines. 2" x 4-3/4" long pin with lubrication groove.

Part #: 9034061 Weight: 5.2 lbs.



RAIL SWEEP ASSEMBLY

Rail sweep assembly for Knox Kershaw 850 & 925 ballast regulators.

Part #: 9002960 Weight: 10 lbs.



RAIL SWEEP MOUNTING BAR

2" wide x 16" long 1/2" thick steel rail sweep mounting bar for 46-1 ballast regulators. Five 1/2" UNC mounting holes.

Part #: 201142 Weight: 4.5 lbs.



RAIL SWEEP PAD, 6-1/2" X 11", RUBBER

6-1/2" wide x 11" long 3/8" thick rubber rail sweep pad for 46-1 ballast regulators. Four 1/2" punched mounting holes.

Part #: 136568 Weight: 1.9 lbs.



RAIL SWEEP RETAINER PLATE, 3" X 6", STEEL

3" wide x 6" long 3/16" thick steel rail sweep retainer plate for 46-1 ballast regulators. Two 9/16" mounting holes.

Part #: 136569 Weight: 1 lb.



RAIL SWEEP, RUBBER, 8" X 8"

Rubber rail sweep designed for ballast regulators. Rubber sweep measures 8" x 8" x 3/4" thick and has two 9/16" diameter holes punched at 4" centres. Durometer reading of 60.

Part #: 9003162-IPS Weight: 2.5 lbs.



PLATE, SKIRT WEAR, LEFT

15" high x 55" long left hand stone guard for ballast machines with 3", 72° top flange.

Part #: 0760206 Weight: 69 lbs.

Plate, Skirt Wear, Right

Part #: 0760205 Weight: 69 lbs.



RAIL PLATE, BALLAST REGULATOR

19-3/4" x 8-1/2" x 3/8" steel rail plate. This item attaches to ballast regulator plows with two mounting slots to set the rail plate at various heights when moving ballast around rails. Comes complete with eight bolts and painted flat black.

Part #: 9011358-IPS

MAINTENANCE OF WAY PARTS

FIBRE REINFORCED



BROOM ELEMENT

Also known as a 'Whisker', this fibre-reinforced rubber element is designed for the repeated punishment involved in clearing ballast from ties during track maintenance. Measures 2" diameter x 18" long.

Part #: 175955-A

Weight: 2.6 lbs.



BROOM ELEMENT, "BALLAST BROOM", FLARED

This heavy duty rubber broom element is manufactured from a high quality, proprietary rubber compound and flared at the bottom to provide maximum durability. Measures 2" diameter x 18" long.

Part #: 175955-B

Weight: 2.4 lbs.

KNOX KERSHAW BALLAST REGULATOR



REGULATOR KNOCKER ELEMENT

The BKE200 Knocker element is heavy-duty Broom Element ("whisker") designed for Ballast Regulators but reinforced with a heavy-duty, securely crimped, steel "Knocker" at one end. This augmentation provides increased durability and longevity for the broom element as well as greater momentum for heavy or frozen ballast clearing. Measures 2" diameter x 18" long.

Part #: BKE200

Weight: 4.4 lbs.

FIBRE REINFORCED



WIRE BROOM, CAPPED

1-1/2" diameter x 12-1/2" long capped wire broom whisker with one 1-1/2" diameter x 3" long metal tube crimped onto each end. Used on Kershaw walk-behind Adzer Cribber machines and subbed in for other short-broom uses.

Part #: 175955-W

Weight: 5 lbs.



ROLLER, BALLAST REGULATOR, 4"

Roller assembly for KBR875/925 ballast regulators, comprised of one 4" od outer steel roller and one 1-3/4" id aluminum-brass bushing.

Part #: 9011316

Weight: 4.25 lbs.



WASHER, BALLAST REGULATOR, 6-3/4", ALUMINUM-BRONZE

6-3/4" od, 4-13/16" id plow shaft thrust washer for Knox Kershaw ballast regulators. Machined from aluminum-bronze alloy for greater durability. 1/8" thick.

Part #: 9001277

Weight: 0.8 lbs.



WASHER, BALLAST REGULATOR, 6-3/4", ALUMINUM-BRONZE

6-3/4" od, 5" id plow shaft thrust washer for Knox Kershaw ballast regulators. Machined from aluminum-bronze alloy for greater durability. 1/8" thick.

Part #: 9001276

Weight: 0.6 lbs.



WEAR PLATE, WING, 26-1/2" LONG, 3/4"

Precision cut steel 3/4" T1 plate, measures 26-1/2" long, 4" wide, and designed for Knox Kershaw ballast regulators. Painted flat black. 2 mount holes.

Part #: 9011364

Weight: 22.5 lbs.



WEAR PLATE, WING, 49" LONG, 1/2"

Precision cut 1/2" T1 steel plate measuring 49" long x 4" wide, and designed for Knox Kershaw ballast regulators. Painted flat black.

Part #: 9012084

Weight: 28 lbs.



WEAR PLATE, WING, 52-1/2" LONG, 1/2"

This 1/2" thick T1 steel plate measures 52-1/2" long x 4" wide, and is designed for KBR925 ballast regulators. 5 mount holes.

Part #: 9009444

Weight: 30 lbs.

MAINTENANCE OF WAY PARTS



WEAR PLATE, WING, 57" LONG, 1/2"

Precision cut 1/2" T1 steel wing wear plate measuring 57" long x 4" wide for KBR850 ballast regulator machines. Painted flat black.

Part #: 9012083 Weight: 34 lbs.



WING, BALLAST REGULATOR, LH

Left hand ballast regulator wing for the Knox Kershaw KBR925.

Part #: 9031302 Weight: 350 lbs.

Wing, Ballast Regulator, RH

Part #: 9031303 Weight: 350 lbs.



NOSE SKID, BALLAST REGULATOR

Regulator Nose Skid for Kershaw, Knox-Kershaw & Nordco Ballast Regulator machines. Carbide overlay is applied along the entire length of the skid and on the bolt heads, with additional complex carbide reinforcement at bends for increased longevity. Nose skids supplied with four 1/2" diameter plow bolts held in place in countersunk bores with appropriate nuts and lock washers.

Part #: 664738-IPS (6" wide) Weight: 71.8 lbs.

Part #: 9001236-IPS (7" wide) Weight: 82.8 lbs.



NOSE SKID, BALLAST REGULATOR, 7"

6" wide, 3/4" thick regulator nose skid for Kershaw & Knox Kershaw ballast regulator machines. Identical to 17.6386 skid plates.

Part #: 9011352 Weight: 82.8 lbs.



SKID, PLOW, 6-7/8" X 27-1/2"

6-7/8" wide x 27-1/2" long x 1-3/4" thick plow skid for Kershaw ballast regulators. Other thicknesses are available.

Part #: 400414 Weight: 80 lbs.



SKID, PLOW, 7" X 36"

7" wide x 36" long x 1-3/4" thick plow skid for Knox Kershaw ballast regulators. Other thicknesses are available.

Part #: 9001235 Weight: 116 lbs.



BLADE, FLAT GRADER WING ASS'Y, 4" X 26-1/2", AR400

4" x 26-1/2" flat grader wing assembly blade.

Part #: 223418



BLADE, PLOW, 2-HOLE

9" x 26-1/2" x 3/4" AR plate plow blade for ballast regulators with 2 countersunk mounting holes.

Part #: 19.4486 Weight: 47 lbs.



BLADE, PLOW, 3-HOLE

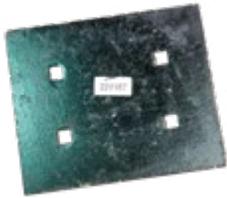
9" x 29-1/2" x 3/4" AR plate plow blade for ballast regulators with 3 countersunk mounting holes.

Part #: 19.4485 Weight: 53 lbs.

KNOX KERSHAW BALLAST REGULATOR

KERSHAW BALLAST REGULATOR

MAINTENANCE OF WAY PARTS



BLADE, WING, 9" X 10-3/4", AR400

9" x 10-3/4" AR400 wing blade for ballast regulators.

Part #: 224187



BLADE, WING, 9" X 17", AR400

9" x 17" AR400 wing blade for ballast regulators.

Part #: 224186



BLADE, WING, 9" X 41", AR400

9" x 41" AR400 wing blade with pull handle for ballast regulators.

Part #: 224212



BLADE, WINTER WEAR, 6" X 47-11/16"

6" x 47-11/16" x 1/2" thick alloy steel ballast regulator Winter wear blade for Snow Fighter machines.

Part #: 9034036

Weight: 38 lbs.



BLADE, WINTER WEAR, 6" X 51-7/8"

6" x 51-7/8" x 1/2" thick alloy steel ballast regulator Winter wear blade for Snow Fighter machines.

Part #: 9034037

Weight: 43 lbs.



BUSHING, BALLAST REGULATOR, 1-1/4", PHENOLIC

1-1/4" od, 1" id x 1-3/4" long phenolic insulator bushing for 46-1 Ballast regulator machines.

Part #: 101018

Weight: 0.03 lbs.



HUB & CUP ASSEMBLY

Hub and cup assembly used in ballast regulators and other MOW equipment.

Part #: 35.0370

Weight: 45 lbs.



PIN, BALLAST REGULATOR, 1" X 2-3/4"

1" diameter x 2-3/4" long steel wing cylinder lift pin for ballast regulators, with two 1/16" clip slots.

Part #: 08.1975

Weight: 0.6 lbs.



RAIL SWEEP, RUBBER, 4" X 7"

3/8" thick x 4" x 7" rubber belting with two 5/16" x 2-13/16" slots.

Part #: 04.5685

Weight: 0.5 lbs.

SHAFT, PLOW



5" diameter x 47-5/16" long steel plow centre pin for ballast regulators.

Part #: 10.2037

Weight: 264 lbs.



WASHER, BALLAST REGULATOR, 1-3/4", PHENOLIC

1-3/4" od, 1" id phenolic insulator bushing for 46-1 ballast regulator machines. 1/16" thick.

Part #: 101012

Weight: 0.01 lbs.

MAINTENANCE OF WAY PARTS

PYKE/NORDCO BALLAST REGULATOR



BUSHING, BALLAST REGULATOR, 7/8", PHENOLIC

7/8" od, 3/4" id x 2" long phenolic insulator bushing for M2 & M35 ballast regulators.

Part #: 6070 Weight: 0.02 lbs.



BUSHING, BALLAST REGULATOR, 1", PHENOLIC

1" od, 3/4" id x 1" long phenolic insulator bushing for Pyke/Nordco ballast regulators.

Part #: A-6082 Weight: 0.01 lbs.



BUSHING, BALLAST REGULATOR, 2-1/2", BRONZE

2-1/2" od, 2" id x 2-3/4" long bronze bushing for Pyke/Nordco ballast regulators.

Part #: A-25473 Weight: 1.5 lbs.



BUSHING, BALLAST REGULATOR, 3-1/2", BRONZE

3-1/2" od, 3" id x 4" long bronze broom plow guide bushing for Pyke/Nordco ballast regulators.

Part #: A-25083 Weight: 3.2 lbs.

IPS high-strength steel pins for Pyke/Nordco Ballast Regulators:



Part#	Name	Description	Weight
A-5003-21	Pin, Ballast Regulator, 1" x 3-1/4"	1" diameter x 3-1/4" long steel pin for Pyke/Nordco ballast regulators, with two 3/16" pin holes.	0.7 lbs.
A-25812	Pin, Ballast Regulator, 1" x 3-5/8"	1" diameter x 3-5/8" long steel wing cylinder pin for M Model ballast regulators. 5/16" wide x 5/16" deep keyway.	0.8 lbs.
B-4704-4	Pin, Ballast Regulator, 1-1/4" x 5-1/2"	1-1/4" diameter x 5-1/2" long pin for Pyke/Nordco ballast regulators, with threaded hole for grease nipple.	1.75 lbs.
B-25804	Pin, Ballast Regulator, 1-1/4" x 15-3/4"	1-1/4" diameter x 15-3/4" long steel pin for Pyke/Nordco ballast regulators.	5.4 lbs.
A-25470	Pin, Broom, 2" x 8"	2" diameter x 8" long specially engineered broom pin for Pyke/Nordco ballast regulators; modified to house grease nipples at each end.	6.8 lbs.
B-4703-6	Pin, Wing Cylinder, 1" x 3.8"	1" diameter x 3.8" wing cylinder pin for M Model ballast regulators, with internally threaded end for grease nipple.	0.72 lbs.
54260430	Pin, Wing Tilt Cylinder, 1" x 4-7/8"	1" diameter x 4-7/8" long wing tilt cylinder pin, manufactured with machined key-slot and recessed grease nipple for M7 ballast regulators. (Supersedes A-25735 & B-4703-2.)	1 lb.



PLOW ROD ASS'Y, BALLAST REGULATOR, 2" X 27-1/4"

2" diameter x 27-1/4" long chromed plow rod assembly for M Model ballast regulators, supplied complete with grease nipple.

Part #: A-27758 Weight: 24.5 lbs.



ROD, GUIDE, 3" X 44-1/2"

3" diameter x 44-1/2" long guide rod for plow and broom assemblies. Guide rod is induction chrome plated and hardened to the proper rockwell strength. Model M, M2, & S.

Part #: B-25079 Weight: 90 lbs.



ROLLER ASS'Y, DOOR

3" wide x 4" high x 9/16" wide steel door roller assembly for Pyke/Nordco tie cranes and ballast regulators. 1/8" steel plate with two 1/4" holes @ 1-1/2" centers for mounting.

Part #: 6049-33 Weight: 0.55 lbs.



WASHER, BALLAST REGULATOR, 1-3/4", PHENOLIC

1-3/4" od, 3/4" id phenolic insulator washer for Pyke/Nordco ballast regulators. 1/16" thick.

Part #: A-25392 Weight: 0.01 lbs.

MAINTENANCE OF WAY PARTS

BRUSHCUTTER



PIN KIT ASS'Y, C/W HD WASHER

New style pin c/w 1-3/4" NF castle nut and heavy-duty washer for Brushcutters.

Part #: 1316104B

Weight: 7 lbs.



PIN, BLADE, HARDENED

Hardened blade pin for brushcutters; used with part # 7325 hex nut.

Part #: B-24345

Weight: 4.6 lbs.



GRINDING STONE CASING (SPARK SHIELD)

Grinding stone casing/spark shield for the Geismar MP-12 rail profile grinder.

Part #: 37026E-IPS

Weight: 7.5 lbs.



PLATE, INDEXING

For the following types of rail: 100 lbs. RE Rail, 115 lbs. RE Rail, 136 lbs. RE Rail, 130 lbs. RE Rail, & 132 lbs. RE Rail.

Part #: 11319

Weight: 3 lbs.

GEISMAR RAIL DRILL/SAW



BUSHING, SPEEDSWING, 1", PHENOLIC

1" od, 3/4" id x 11/16" long phenolic insulator bushing for speedswing machines.

Part #: L1-7802

Weight: 0.01 lbs.



PIN, SPEEDSWING, 1-1/2" X 4-1/2"

1-1/2" diameter x 4-1/2" long steel pin for speedswing machines. One 3/8" pin hole.

Part #: L1-36-3

Weight: 2.2 lbs.

SPEEDSWING



PIN, SPEEDSWING, 1-1/2" X 4-7/8"

1-1/2" diameter x 4-7/8" long steel pin for speedswing machines, with one 3/8" pin hole.

Part #: L1-36-6

Weight: 2.3 lbs.



PIN, SPEEDSWING, 1-1/2" X 5-1/2"

1-1/2" diameter x 5-1/2" long steel pin for speedswing machines, with heavily chamfered end and 7/16" guide hole. 1/4" lubrication hole.

Part #: LA-802-6

Weight: 2.4 lbs.



PIN, SPEEDSWING, 2" X 11-3/8"

2" diameter x 11-3/8" long speedwing pin with chamfered end and 1/2" hairpin hole. Bored and threaded for grease nipple and lubrication.

Part #: L-5829-5

Weight: 9.6 lbs.

PINEAPPLE PROTECTOR, FRONT

Front pineapple protector for speedswing machines. 14-15/16" high x 12-1/2" curved guard mounted on 24-3/4" long placement handle. Painted safety yellow.

Part #: B-9775-1

Weight: 22 lbs.



Pineapple Protector, Rear

Rear pineapple protector for speedswing machines. 14-15/16" high x 11" curved guard mounted on 24-3/4" long placement handle. Painted safety yellow.

Part #: B-9775-12

Weight: 20.5 lbs.

MAINTENANCE OF WAY PARTS



BUSHING, CLAW LEVER, 3", STEEL

3" od, 2-1/2" id x 1-3/4" long steel claw lever bushing with external grease groove for spike pullers.

Part #: 2205-2252

Weight: 0.24 lbs.



BUSHING, ROLLER, 3", BRONZE

3" od, 2.168" od x 2-3/16" long bronze bushing is used in frame roller part # 6621-8320

Part #: 2212-9100

Weight: 2.3 lbs.

CLAW, SINGLE SPIKE

Designed for use with spike puller machines, IPS single spike claws are manufactured from high-strength alloy steel and heat treated. Our single claws offer efficiency, performance, and maximum longevity.

Part #: 4665-0037

Weight: 3 lbs.



CLAW, DOUBLE SPIKE

IPS Double spike claws are manufactured for spike puller machines, and are designed for pulling two rail spikes simultaneously. Manufactured from high-strength alloy steel and heat treated, these claws offer performance and maximum longevity.

Part #: 4665-0068

Weight: 5 lbs.



PIN, SPIKE CLAW, 1" X 3-1/8"

1" diameter x 3-1/8" long high-strength spike claw pins to suit the claw lever. Supplied with hairpin.

Part #: 3301-863

Weight: 0.7 lbs.



CLAW & PIN ASS'Y, LEWIS BOLT

The IPS Lewis Bolt Claw is a unique and patented tool for effectively pulling Lewis Bolts from wooden ties. Manufactured from high-strength alloy steel for maximum longevity and performance. Supplied with a high-strength retaining pin to fit standard claw levers.

Part #: 46650071-IPS

Weight: 6 lbs.



PIN, LEWIS BOLT CLAW, 1" X 4"

1" diameter x 4" pin attaches the Lewis bolt claw, (part # 46650070-IPS) to the claw lever.

Part #: 54259810-IPS

Weight: 6 lbs.



FRAME ROLLER, SPIKE PULLER

Spike puller frame roller for dual spike pullers. 5-1/4" od x 2" long, and fitted with a durable, aluminum-bronze bushing with a 2-1/8" id.

Part #: 6621-8320

Weight: 9.8 lbs.



GUIDE BLOCK, LOWER

Lower guide block for Grabber & Grabber-LS spike puller, machined from dense nylon and countersunk.

Part #: 1822-7717

Weight: 1.4 lbs.



GUIDE BLOCK, UPPER, NYLON

Upper guide block for Grabber & Grabber-LS spike puller, machined from dense nylon and countersunk.

Part #: 1822-7711

Weight: 1.6 lbs.



LINK, ADJUSTING

Adjusting link for dual spike pullers. Double male, 1" NF threads, 4-3/4" overall length.

Part #: 6727-1851

Weight: 0.95 lbs.



PAD, FRAME

2" x 1-3/16" x 18" long black nylon frame pad for dual spike pullers.

Part #: 7634-0077

Weight: 2 lbs.

MAINTENANCE OF WAY PARTS



PAD, HOUSING WEAR, NYLON

Housing wear pad for dual spike pullers, made from dense black nylon plate. 16-1/2" x 2-1/2" x 1/2".

Part #: 7634-0078 Weight: 1 lb.



PIN, MOTOR PIVOT, 1" X 8-7/8"

1" diameter x 8-7/8" long motor pivot pin with two 3/16" hairpin holes.

Part #: 5426-2965 Weight: 1.9 lbs.



PIN, SPIKE PULLER, 1-1/2" X 11"

1-1/2" diameter x 11" long steel pin for dual spike pullers. Two 3/16" pin holes.

Part #: 5426-7203 Weight: 5.46 lbs.



RETAINER

1/2" plate, 2-1/2" x 2-1/2" steel retainer plate for dual spike pullers. Four 7/16" holes and one 3/4" centre hole.

Part #: 5710-1145 Weight: 0.74 lbs.



SCREW, ADJUSTING

Adjusting screw for ClawsGrabber and Grabber-LS dual spike pullers.

Part #: 6726-6493 Weight: 2.6 lbs.



SHAFT, CLAW LEVER, 2-1/2" X 14-1/4"

2-1/2" diameter x 14-1/4" long C1045 claw lever shaft for dual spike pullers. Two 3/8" diameter holes centered 7/16" from each end of the shaft.

Part #: 5426-8518 Weight: 20 lbs.



PIN, CLEVIS, 1" X 2-7/8"

1" diameter x 2-7/8" long clevis pin for dual spike puller machines, with 1-3/16" od shoulder. 3/16" hairpin hole.

Part #: 3301-859 Weight: 0.66 lbs.



PIN, SPIKE PULLER JAW, 1/2" X 2-1/2"

1/2" diameter x 2-1/2" long steel jaw pin for Matweld spike pullers.

Part #: 01110 Weight: 0.14 lbs.



PIN, SPIKE PULLER, 1-1/2" X 11-3/8"

1-1/2" diameter x 11-3/8" steel pin for spike puller machines, with two 1/4" pinholes.

Part #: 131546 Weight: 5.9 lbs.



ROD EYE, 1"

1" female mount rod eye for dual spike pullers. 5-1/2" high, 2-3/4" wide with fitted grease nipple. Ringball has a 1" id.

Part #: 6606-7030 Weight: 2.8 lbs.



SCREW, RATCHET

3/8" x 3/8" x 7/8" square head with 1/8" diameter hole drilled through it. 2-1/4" long 1/2" thread; 3-1/4" overall length. Used on dual spike pullers.

Part #: 6727-5050 Weight: 0.16 lbs.



SPIKE JAW

This IPS spike jaw is designed for use with the Matweld Model 1100 spike puller. Manufactured from high-strength alloy steel, this heat treated component offers maximum longevity and performance.

Part #: 01111-IPS Weight: 1.2 lbs.

MAINTENANCE OF WAY PARTS



ANVIL EXTENSION, MODIFIED

This extension for CX Spiker machines is used along with an anvil tip (part #1056-0029). Model C. This version has a straight shank.

Part #: 1056-0032-IPS Weight: 18.6 lbs.



ANVIL, SPIKER

24" overall length, 4340A steel, then heat-treated and hardened to 48-53 HRC used on CX spikers.

Part #: 1056-0043 Weight: 12 lbs.



ANVIL TIP, SUPER C

Heat treated anvil tip for spiker machines. Model C.

Part #: 1056-0029 Weight: 1 lb.



BRACKET, BRAKE HEAD

Brake head bracket for Spiker machines.

Part #: 2180-0099 Weight: 3 lbs.



BUSHING, ANVIL, W/ STUDS

Anvil bushing, with studs, for Nordco Spiker anvils.

Part #: 2288-0062 Weight: 3 lbs.



BUSHING, DRIVE SPROCKET, CX SPIKER

Bushing for the drive sprocket on CX Spiker machines.

Part #: 73045623

IPS manufactures replacement bushings for Spiker machines in steel, bronze, aluminum-bronze and hydalur:



Part#	Name	Description	Weight
2203-4755	Bushing, Feeder Frame, 1-1/2", Aluminum-Bronze	1-1/2" od, 1-1/4" id x 3" long feeder frame bushing for Super CX spikers.	0.43 lbs.
2215-0281	Bushing, Gauger Clamp, 1-7/8", Aluminum-Bronze	1-7/8" od, 1-1/2" id x 7/8" long bushing for gauger clamps on Super CX spikers, machined from aluminum-bronze for increased durability.	0.4 lbs.
2209-6900	Bushing, Spiker, 1-1/8", Bronze	1-1/8" od, 7/8" id x 5/8" long bronze guide rod bushing for spiker machines.	0.25 lbs.
2215-0286	Bushing, Spiker, 1-7/8", Aluminum-Bronze	1-7/8" od, 1-1/2" id x 1-7/16" long bushing for the rail clamp assembly on Super C spikers, machined from aluminum-bronze for increased durability.	0.6 lbs.



CYLINDER ASS'Y, SPIKE FEED

Spike feed cylinder assembly for CX spiker machines.

Part #: 2855-0006 Weight: 1.7 lbs.



ENGINE DOOR, FRONT, CX SPIKER

Front engine door for the CX Spiker, including latches, handles and heat shields.

Part #: 0806100A

MAINTENANCE OF WAY PARTS

SPIKER



ENGINE DOOR, REAR, CX SPIKER

Rear engine door for the CX Spiker, including latches, handles and heat shields.

Part #: 0806101A



HOOK, NIPPER

T1 steel nipper hook for spikers. 1-1/4" thick x 28-1/4" long with hard-faced tips.

Part #: 4404-4340-IPS

Weight: 19 lbs.



PIN, NIPPER HOOK, 1-1/2" X 3-7/8"

1-1/2" diameter x 3-7/8" long nipper hook pin for spikers, with 2" od shoulder. 9/32" hairpin hole.

Part #: 5426-6875

Weight: 2 lbs.



INSULATOR, NYLON SLEEVE, 3"

A tapered 3" long nylon insulator sleeve for spikers. 3-1/2" od (maximum) and 2-3/4" id (minimum).

Part #: 7304-8555

Weight: 0.4 lbs.

LEVER, SPIKER



3/4" x 1-3/4" x 9-1/4" steel lever for spikers. Two 1" diameter holes, painted safety yellow.

Part #: 4773-2565

Weight: 3 lbs.



JACK STAND

Bumper mounted jack stand for Nordco Spikers.

Part #: 7544-0005

Weight: 41 lbs.



MOUNT, JAW, C'BORED

Centre-bored jaw mount guide for the CX Spiker.

Part #: 2135-7956

Weight: 13.5 lbs.



JAW MOUNTING KIT

Jaw mounting kit for CX Spikers.

Part #: 98410518-IPS



PIN, PIVOT, 1-1/2" X 7-1/2"

1-1/2" diameter x 7-1/2" long pivot pin, weld-mounted on 2" x 2-5/8" x 3/8" alloy steel plate for Super C spikers.

Part #: 5410-5098

Weight: 4.2 lbs.



PIN, 1-1/2" X 5-1/4", STEEL

1-1/2" diameter x 5-1/4" long steel pin with two 3/8" dia. holes.

Part #: 5426-7173

Weight: 2.5 lbs.



PIN, SPIKER, 1/2" X 2-1/2"

1/2" diameter x 2-1/2" long steel jaw pin for spikers, with one 7/32" pin hole and key slot in head.

Part #: 5423-9957

Weight: 0.6 lbs.



PIN, PROPULSION MOTOR PIVOT

The propulsion motor pivot pin comes with two 1" SAE washers and two 3/16" x 2" cotter pins.

Part #: 5426-2958

Weight: 1.9 lbs.



PUNCH HEAD, ANVIL SCREW

A replacement Anvil Screw Punch Head for spikers. Heat-treated to 42-47 HRC.

Part #: 1056-3061-IPS Weight: 2.2 lbs.



PIN, SPIKER, 3/4" X 3"

3/4" diameter x 3" long steel pin for spikers, with 1" od shoulder and one 5/32" pin hole.

Part #: 3301-675 Weight: 0.42 lbs.



PUSHER GUIDE SUPPORT

This pusher guide support is the replaceable front for the Spike Tray Head for spikers.

Left Hand

Part #: 3392-0068-IPS Weight: 3.4 lbs.

Right Hand

Part #: 3392-0067-IPS Weight: 3.4 lbs.



PUSHER BLOCK ASS'Y KIT, LH & RH

Complete left or right pusher block assembly kit for spikers, composed of pusher block, pusher guide block, pusher block link, washer stack, hex head shoulder block, locknut, clipped-head clevis pin, and hairpin cotter.

Part #: 9641-1239-IPS (Left Hand) Weight: 0.73 lbs.

Part #: 9641-1240-IPS (Right Hand) Weight: 0.73 lbs.

1 PUSHER BLOCK, LH & RH

Pusher block for Super B and Super C Spikers.

Part #: 1822-1590-IPS (Left Hand) Weight: 0.64 lbs.

Part #: 1822-1585-IPS (Right Hand) Weight: 0.64 lbs.

2 PUSHER GUIDE

Pusher guide for breakaway style puller block assembly for Hydra, Super B and Super C Spikers.

Part #: 1822-1888 Weight: 0.24 lbs.

3 LINK, PUSHER BLOCK

Cast and machined pusher block link for spiker machines, upgraded with a "V" groove to accommodate the Pusher Guide (# 1822-1888).

Part #: 4770-6088-IPS Weight: 0.55 lbs.

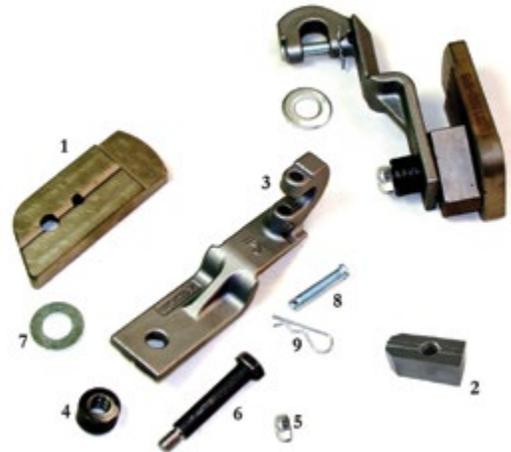
4 WASHER STACK ASS'Y

Disc Spring Stack made up of 6 pairs of 7488-0710 Disc Springs.

Part #: 9641-0474 Weight: 0.04 lbs.

5 5/16" NC LOCK NUT

5/16" lock nut for pusher block assemblies.



6 BOLT, HEX HEAD SHOULDER, 3/8" X 1-3/4"

3/8" x 1-3/4" Hex Head Shoulder Bolt; threaded end is 5/16" NC.

Part #: 4770-6088-03

7 WASHER, SAE, 1/2"

1/2" SAE washer for pusher block assemblies.

8 PIN, CLIPPED HEAD CLEVIS, 1/4" X 1-3/16"

1/4" x 1-3/16" Clipped head clevis pin specially designed for pusher block assemblies.

Part #: 4770-6088-02

9 PIN, BRIDGE, 0.062" X 1-5/16"

1/4" x 1-3/8" Clevis Pin for pusher block assemblies 9641-1241-IPS & 9641-1240-IPS.

Part #: 4770-6088-01

MAINTENANCE OF WAY PARTS

SPIKER



RETAINER, SPIKE FINGER

1-1/4" high x 1-3/4" long x 3/16" thick steel spike finger retainer for spiker machines. Machined recess with two 5/16" holes.

Part #: 6155-0195

Weight: 0.14 lbs.



RETAINER, TRAY FEED SPIKE

6-5/8" overall length 0.225 gauge spring steel spike retainer for CX Spikers.

Part #: 2100-0050

Weight: 0.11 lbs.



ROD, JAW MOUNT GUIDE, 1-1/4" X 18"

Jaw mounting guide rod for spikers. 1-1/4" diameter x 18" long. Model C & CX.

Part #: 1438-2490

Weight: 6 lbs.



ROD EYE

3/8" x 3-1/16" rod with a 0.9" od eye for Super C spikers.

Part #: 6606-2630

Weight: 0.2 lbs.



SPACER, 5", 3-7/16" AXLE, STEEL

5" od, 3.44" id x .06" thick steel spacer for spiker axles.

Part #: 6390-7308

Weight: 0.05 lbs.



SPACER, SPIKER, NYLON, 5"

5" od, 3" id x 3/8" thick nylon spacer for spikers.

Part #: 6258-7680

Weight: 1 lb.



SPIKE JAW, 5/8", LH

Left hand spike jaw for C & CX spikers.

Part #: 4665-0032

Weight: 1.4 lbs.

Spike Jaw, 5/8", RH

Part #: 4665-0033

Weight: 1.4 lbs.



SPIKE TRAY, UNIVERSAL

Universal spike tray for Nordco spikers which fits both 8209-0062 (right hand) and 8209-0063 (left hand) spike tray heads.

Part #: 8209-0064

Weight: 20 lbs.



SPIKE TRAY HEAD, 5/8" CUT SPIKES, LH

Spike tray head for spikers. Left hand frame for 5/8" cut spikes.

Part #: 82090094

Weight: 33 lbs.

Spike Tray Head, 5/8" Cut Spikes, RH

Part #: 82090093

Weight: 33 lbs.



SPRING, COMPRESSION, 1-1/4" OD X 4"

1-1/4" od x 4" compression spring for model CX spikers.

Part #: 3608-431

Weight: 0.16 lbs.



SPRING SLEEVE

2.88" id x 3.06" od spring sleeve for CX spikers.

Part #: 7304-9020

Weight: 0.7 lbs.

MAINTENANCE OF WAY PARTS



AXLE, WHEEL

Precision machined 2-1/2" long wheel axle for Mk III and IV tampers. 3/4" NC threaded end.

Part #: Z-685273

Weight: 0.4 lbs.



WHEEL ASS'Y, BIAS

Bias wheel assembly for tampers. Complete with 5-1/4" diameter bias wheel, axle, bearing and nut. This wheel has a 75° bias.

Part #: 0-2302071-0-09

Weight: 9.6 lbs.

Bias Wheel Parts



Part#	Name	Description	Weight
Z-685272	Wheel, Bias, 5-1/8", 45 Deg.	5-1/8" diameter od, 45° bias wheel for tampers and other custom rail carts.	2.4 lbs.
C-1695-X01	Wheel, Bias, 4-7/8", 60 Deg.	4-7/8" diameter od, 60° bias wheel for tampers and other custom rail carts.	2.0 lbs.
0-2302071-0-09-75D	Wheel, Bias, 75 Deg.	Bias wheel for tamper machines. This wheel has a 75° bias.	2.4 lbs.
L-40153	Bearing, Bias Wheel	3/4" od, 25/32" id x 9/16" thick single-row, deep groove ball bearing for bias wheel assemblies for tamper machines.	0.25 lbs.
L-410291	Ring, Bias Wheel Retainer	Retaining ring for bias wheel assemblies.	0.05 lbs.



BOLT, LINK

1" diameter x 5" long alloy steel link bolt for tampers. Shaft has a 1" long 3/4" NC threaded end.

Part #: Z-683433

Weight: 1 lb.



BRACKET, CRADLE, TR1

Cradle bracket for TR1/TR10 tie exchanger.

Part #: A-5034-XAA-TR1

Weight: 21 lbs.

Bracket, Cradle, TR10

Part #: A-5034-XAA-TR10

Weight: 21 lbs.



MAINTENANCE OF WAY PARTS

IPS manufactures replacement bushings for Spiker machines in steel, bronze, aluminum-bronze and phenolic:



Part#	Name	Description	Weight
Z-754652-001	Bushing, Tamper, 7/8", Phenolic	7/8" od, 5/8" id x 15/16" long phenolic insulator bushing for tampers.	0.01 lbs.
Z-683417	Bushing, Tamper, 15/16", Phenolic	15/16" od, 13/16" id x 15/16" long phenolic insulator bushing for tampers.	0.02 lbs.
Z-683491	Bushing, Tamper, 15/16", Phenolic	15/16" od, 13/16" id x 3-7/16" long phenolic insulator bushing for tampers.	0.03 lbs.
Z-683488	Bushing, Tamper, 1", Phenolic	1" od, 3/4" id x 5/8" long phenolic insulator cylinder bushing for tampers.	0.02 lbs.
Z-752202-01-001	Bushing, Insulator, 1-3/16", Phenolic	1-3/16" od, 7/8" id x 3-1/2" long phenolic insulator bushing for tampers.	0.08 lbs.
Z-685917	Bushing, Tamper, 1-3/16", Phenolic	1-3/16" od, 1" id x 1-1/4" long phenolic insulator bushing for tampers.	0.03 lbs.
A-1856-T03	Bushing, Tamper, 1-1/4", Phenolic	1-1/4" od, 1" id x 3/4" long phenolic insulator bushing for tamper machines. Harsco Mk IV.	0.05 lbs.
Z-765379-001	Bushing, Tamper, 1-1/4", Phenolic	1-1/4" od, 1" id x 3/4" long phenolic insulator bushing for tampers.	0.02 lbs.
A-6030-Y04	Bushing, Tamper, 1-1/4", Steel	1-1/4" od, 1" id x 3/4" long steel bushing for tampers.	0.1 lbs.
Z-683657-IPS	Bushing, Tamper, 1-7/16", Aluminum-Bronze	1-7/16" od, 1-3/16" id x 1-3/4" long aluminum-bronze wheel bushing set for tampers. Chamfered at one end, these bushings are intended to be sold in pairs to form one complete bushing set per wheel.	0.24 lbs.
0-1404558-0-01	Bushing, Tamper, 1-1/2", Phenolic	1-1/2" od, 1-1/4" id x 1-1/2" long phenolic insulator bushing for tampers.	0.04 lbs.
Z-683434	Bushing, Tamper, 1-1/2", Bronze	1-1/2" od, 1" id x 1-15/16" long bronze link bushing for tampers.	0.62 lbs.
Z-683434-IPS	Bushing, Tamper, 1-1/2", Aluminium-Bronze	1-1/2" od, 1" id x 1-15/16" long aluminum-bronze link bushing for tampers.	0.62 lbs.
A-6030-Y02	Bushing, Tamper, 1-3/4", Steel	1-3/4" od, 1-1/2" id x 1-3/4" long steel bushing for tampers.	0.3 lbs.
Z-683436-IPS	Bushing, Tamper, 1-3/4", Aluminum-Bronze	1-3/4" od, 1-1/2" id x 1-15/16" long aluminum-bronze clamp bushing for tampers, with external grease groove.	0.38 lbs.
A-1856-T04	Bushing, Tamper, 1-3/4", Phenolic	1-3/4" od, 1-1/2" id x 2-1/4" long phenolic insulator bushing for tamper machines. Mk IV.	0.05 lbs.
Z-68322-01-IPS	Bushing, Tamper, 1-7/8", Aluminum-Bronze	1-7/8" od, 1-5/8" id x 1-5/16" long upgraded bushings for the tampers, machined from aluminum-bronze alloy for increased durability.	0.3 lbs.
Z-68316-01-IPS	Bushing, Tamper, 2-1/16", Aluminum-Bronze	2-1/16" od, 1-13/16" id, 1-3/8" long upgraded bushings for the tampers, machined from aluminum-bronze alloy for increased durability.	0.25 lbs.
Z-68288-01	Bushing, Tamper, 3", Steel	3" od, 2-5/8" id x 3-3/8" long steel bushing for tampers. One 3-1/8" od shoulder at each end, 3/8" long.	1.75 lbs.
0-1305728-0-01	Bushing, Tamper, 3-3/8", Bronze	3-3/8" od, 3-1/64" id x 2-1/2" long guide bushing, machined from bronze and used in tampers.	1.4 lbs.
0-3652060-0-01	Bushing, Tamper, 5", Aluminum-Bronze	5" od, 4-1/2" id x 2-1/2" long aluminum-bronze bushing for tampers, complete with double grease groove for increased lubrication and wear resistance.	3.0 lbs.
Z-754560-001	Bushing, Tie Changer, 1-3/8", Phenolic	1-3/8" od, 1" id x 1" long phenolic insulator bushing for tie exchangers.	0.04 lbs.
A-5043-Y01	Bushing, Tie Exchanger, 3", Steel	3" od, 2-1/2" id x 3" long precision machined steel bushing for tie exchangers, with double-grooves for increased grease lubrication. Hardened to 48-50 HRC.	1.8 lbs.
Z-68273	Bushing, Vibrator, 2-1/4", Bronze	A 2-1/4" od, 1-3/4" id x 2" long vibrator bushing machined from bronze, and used in tamper vibrator carriers.	2.4 lbs.
Z-68287	Bushing, Vibrator, 3-1/8", Bronze	A 3-1/8" od, 2-1/2" id x 2-1/2" long vibrator bushing, machined from bronze, and used in tamper vibrator carriers.	2.4 lbs.
Z-68287-IPS	Bushing, Vibrator, 3-1/8", Aluminum-Bronze	A 3-1/8" od, 2-1/2" id x 2-1/2" long vibrator bushing, machined from aluminum-bronze for increased durability, and used in tamper vibrator carriers.	1.8 lbs.



COVER, HOOK

Protective cover that mounts on the combo clamp frame to shield the hook limit switch. Includes hinge and rubber hood latch assembly. 9-1/2" x 12-3/4" x 5" and painted safety red.

Part #: A-8288-X01

Weight: 10 lbs.



CYLINDER, BIAS

Bias cylinder for tamper machines.

Part #: B-5705-XAB

Weight: 44.5 lbs.



CYLINDER, SQUEEZE

3-1/2" diameter squeeze cylinder for tampers. One 1" id ringball mount at each end, painted safety yellow.

Part #: X-68297

Weight: 20 lbs.



EXTENSION ARM

Extension beam weldment for a Harsco tamper machine. Painted safety red.

Part #: G3369-WAA

Weight: 44 lbs.



HANDLE, LOCK LEVER

3/4" diameter x 15-1/2" long steel lock lever handle with 7" long 90 deg. handle. Safety yellow paint, with safety red painted handle end. For Tampers Mk II-IV & Electric.

Part #: 0-1302117-0-01

Weight: 2.7 lbs.



EYE WELDMENT, RH

Right hand 1-1/4" plate steel eye weldment. 9" x 3-1/2", with four 13/16" holes and 5" x 2" x 2" angle bar attachment. Painted yellow. TR1.

Part #: A-5697-YAA

Weight: 10.4 lbs.

Eye Weldment, LH

Part #: A-5697-YAB

Weight: 10.4 lbs.



HOOK INSERT, SINGLE BUMP, THREADED, STRAIGHT BACK

Manufactured from high-strength alloy steel, IPS hook inserts are designed for tamper machines. Precision machined hardened steel, and hard-faced in the high wear areas to provide for maximum performance. Mk IV & V.

Part #: A-3033-X03-IPS

Weight: 10 lbs.



HOOK INSERT, DOUBLE BUMP, THREADED

Double bump hook inserts are manufactured from high-strength alloy steel and are available threaded (A-3033-X02) and unthreaded (A-3033-X01). Mk III & IV.

Part #: A-3033-X02

Weight: 10 lbs.

Hook Insert, Double Bump, Unthreaded

Part #: A-3033-X01

Weight: 10 lbs.



HOOK, TAMPER

1" wide x 3-3/4" long hook for tampers. 3/4" mount.

Part #: 0-1405505-0-01

Weight: 1.2 lbs.



HOOK, TAMPER WELDMENT

Weldment hook for tampers. 11" overall length with 1" pivot hole mount, painted safety yellow.

Part #: 0-2202333-0-01

Weight: 10.4 lbs.



LINK, TAMPER

6" x 2-1/2" x 11/16" T1 steel tamper link for Mk II & III tampers and TR1/10 tampers. Two 1" diameter holes.

Part #: Z-683435

Weight: 3 lbs.

MAINTENANCE OF WAY PARTS



LOCK PLATE, TAMPER, 1-7/16" X 3/4" X 1/8"

1-7/16" long x 3/4" wide x 1/8" thick steel lock plate for tamper machines. Two 1/4" pin holes, painted black. Mk II & Electro.

Part #: Z-688521

Weight: 0.04 lbs.

When the first practical steam locomotive began operation in 1804, it averaged less than 10 mph. Today, several high-speed rail lines around the world are regularly travelling 30 times as fast. The top speed of these trains has been steadily climbing with a current world speed record of 362 mph or 582 km/hr.



LOCKNUT, TAMPER

2-11/16" wide custom locknut for tampers. 1-3/4" internal thread, 1" thick, with six socket head cap screws and two 9/32" locating holes.

Part #: A-3467-Y01

Weight: 0.7 lbs.



PAD, HARD-FACED BIAS

Paddle-shaped hard faced bias pad for tampers with 2 mounting ears and tube on pivot end. Overall size 7" x 12", complete with 2 bronze bushings.

Part #: A-7660-YAA-IPS

Weight: 50 lbs.



PAD, HARD-FACED REACTION

Reaction pad for tampers machined from T1 Plate and hard-faced for increased durability. 6-1/4" x 11-1/4" x 1".

Part #: 0-1305738-1-01-IPS

Weight: 17.6 lbs.



PAD, LOWER CUSHION, RUBBER

4-1/2" od, 2-5/8" id x 1/2" thick 45D durometer rubber lower cushion pad for Mk II-IV & Electro tamper machines. Comes with bolt, washers & nut.

Part #: Y-68375-01

Weight: 0.3 lbs.

PAD, NYLON SLIDE

7" x 1-1/2" x 3/4" dense nylon slide pad for tampers.

Part #: A-1991-Y01

Weight: 0.4 lbs.



PAD, NYLON STOP

8-13/16" x 2-5/16" x 3/4" (widest) nylon stop pad for tampers.

Part #: A-3475-Y01

Weight: 0.4 lbs.



PAD, WORKHEAD SLIDE SUPPORT

4" wide x 34-3/4" long x 1/2" high support block assembly for Harsco Tamper Mk II, IV & IV HD workheads. Four (4) units required per workhead (2/side).

Part #: C0692X01

Weight: 3 lbs.



PAD, SUPPORT BLOCK ASSEMBLY

2" wide x 34-3/4" long x 1-1/4" high support block assembly for Harsco Tamper Mk II, IV & IV HD workheads. Four (4) units required per workhead (2/side).

Part #: C0694XAA

Weight: 3 lbs.



PAD, SLIDE ASS'Y, FRONT

Front slide assembly for tampers, supplied complete with six 5/16"-18 NC diameter x 1-1/4" bolts and six 5/16" diameter lock washers.

Part #: G0852-YAA

Weight: 1.5 lb.



Pad, Slide Ass'y, Rear

Part #: G0851-YAA

Weight: 1.3 lb.



PAD, NYLON STOP

2-1/4" x 3-1/2" nylon stop pad for tamper/compactor machines. Two countersink placement holes, slopes from 3/4" to 3/8".

Part #: 0-1304826-0-02 Weight: 0.17 lbs.



PAWL, TRAVERSE GEAR

1" x 1" x 4-3/16" steel traverse gear pawl used on the workhead traverse assembly of tampers.

Part #: 0-1305837-0-01 Weight: 0.93 lbs.

IPS high-strength steel pins for tamper and tie exchanger machines:



Part#	Name	Description	Weight
D6987X01	Pin, Axle Roller, 1" dia.	1" diameter x 6-3/4" steel pin used on the combination clamp system on tampers. 1/8" grease fitting.	1.4 lbs.
D6987X02	Pin, Axle Roller, 1-1/2" dia.	1-1/2" diameter x 7-5/16" steel pin used on the combination clamp system on tampers. 1/8" grease fitting.	3.45 lbs.
0-3095002-0-09	Pin, Bias Pad, 2" x 11-13/16"	2" diameter x 11-3/16" robust alloy steel guide pin for bias pads on tampers.	10.4 lbs.
Z-68439-01	Pin, Carrier Connecting, 1" x 4-1/2"	1" diameter x 4-1/2" long carrier connecting pin for tampers. MKII-IV & Elect.	1 lb.
A-4823-Y01	Pin, Clamp Hook, 1" x 3-3/4"	1" diameter x 3-3/4" long combination clamp hook assembly pin for tampers, with one retaining clip keyway at each end. Mk IV & V.	0.81 lbs.
0-2305775-0-01	Pin, Pivot, Bias Cylinder	1-1/2" diameter x 8" long bias cylinder pivot pin for tampers. 3" diameter washer head with six holes, unit comes complete with grease nipple and lubrication groove.	4.2 lbs.
Z-683430	Pin, Push & Pull, 3/4" x 3-3/4"	3/4" diameter x 3-3/4" long pin for tampers with two 3/16" hairpin hole.	0.46 lbs.
Z-683430-IPS	Pin, Push & Pull, 3/4" x 3-3/4"	3/4" diameter x 3-3/4" long pin for tampers with 1-1/4" od shoulder. 3/16" hairpin hole.	0.53 lbs.
Z-68440-02	Pin, Squeeze Cylinder, 1" x 3-1/2"	1" diameter x 3-1/2" long pin for squeeze cylinders on tampers.	0.78 lbs.
0-3015001-0-14	Pin, Tamper, 5/16" x 5/8"	5/16" diameter x 5/8" long steel dowel pin for tampers.	0.03 lbs.
0-3095002-0-11-IPS	Pin, Tamper, 1" x 5"	1" diameter x 3-5/8" long (to shoulder) steel clamp cylinder barrel shoulder pin for tampers. 5" overall length with 3/4" diameter modified shoulder.	1.06 lbs.
0-1305774-0-01	Pin, Tamper, 1-1/2" x 5-1/8"	1-1/2" diameter x 5-1/8" long steel bias cylinder pin for tampers. Two 1/4" pin holes. Used with A-7660-YAA-IPS - Pad, Hard-Faced Bias.	2.4 lbs.
Y-691328-056	Pin, Tamper, 1-1/2" x 5-1/4"	1-1/2" diameter x 5-1/4" long steel pin for tampers, with two 1/4" pin holes.	2.6 lbs.
Y-691328-055	Pin, Tamper, 1-1/2" x 6-3/4"	1-1/2" diameter x 6-3/4" long steel pin for tampers, with two 1/4" pin holes.	3.29 lbs.
A7163T66	Pin, Tamper, 1-1/2" x 7-7/8"	1-1/2" diameter x 7-7/8" long high-strength steel pin with two 1/4" pin holes, used on the barrel end of the jack cylinder on tampers.	3.9 lbs.
A-4900-Y01	Pin, Tie Exchanger, 1-1/4" x 4-3/16"	1-1/4" diameter x 4-3/16" long steel pin for tie exchangers, with machined slot at head. TR1 & 10.	1.4 lbs.
250010-270M	Pin, Transmission Mount, Modified	Modified transmission mount pin assembly; this replaces the previous assembly of (1) MK-250010-270, (2) MK-MT223-B, & (2) MK-153140-820	2.5 lbs.
Y-68313-01	Pin, Vibrator	1-13/16" (widest diameter) x 5-7/8" vibrator pin for tampers. Two machines keyways and 1-3/4" NF threaded end.	3.2 lbs.

MAINTENANCE OF WAY PARTS



PROJECTOR BUGGY LIFT RACK

The projector buggy lifter rack is designed to lift, carry and position the projector buggy assembly of a tamper machine while in operation.

Part #: BLR-IPS



STORAGE BAR

Storage bar for locking the projector buggy to the lifting frame.

Part #: A-7367-X01

Weight: 5 lbs.



DOOR HOLDER

Rubber bumper to keep the storage bar in the unlocked position when the projector buggy is deployed.

Part #: C-8837-Y02

Weight: 0.15 lbs.



PIVOT SHAFT, TAMPER WORK HEAD, LONG

1-3/4" x 16-1/2" (long) or x 12" (short) high-strength shaft complete with grease nipple, nylock nut, and washer, for Mk IV tampers.

Part #: 4-2300189-0-01

Weight: 10 lbs.

Pivot Shaft, Tamper Work Head, Short

Part #: 4-2400264-0-01

Weight: 8 lbs.



PLATE ASS'Y, TIE JAW

1-1/4" alloy steel tie jaw plate assembly for tie exchange machines. Overall dimensions 8" x 17", with extra T1 steel reinforcement for the four fingers. Four 3/4" NF threaded holes.

Part #: A-3028-YAA

Weight: 19 lbs.



PUMP COUNTERSHAFT, MODIFIED

This modified shaft is designed with a longer center section in order to use a narrower ball bearing without seals as opposed to the OEM roller bearings. 6-3/4" long, 1-15/16" widest diameter. Mk II, III & Electro.

Part #: Y-750970-01-001-IPS

Weight: 4 lbs.



PLATE, HOLD DOWN

2" x 11" x 1/2" hold down plate for tampers. Two 1" holes and one 9/16" threaded mount at centre.

Part #: Z-683441

Weight: 2.8 lbs.



RAIL CLAMP ASS'Y, LEFT

This is a COMPLETE clamp assembly including all pins, clamps, wear plates, links, etc. for the LEFT side of tamper models MKII-V, TR1 and TR10.

Part #: W-683484-L

Weight: 175 lbs.

Rail Clamp Ass'y, Right

Part #: W-683484-R

Weight: 175 lbs.



RETAINER, GUIDE ROD

Guide rod retainer for tampers, used to secure combination clamp guide rods.

Part #: A6229X01

Weight: 3.2 lbs.

Ore trains in Sweden traveling down to the coast generate five times the amount of electricity they use, powering nearby towns and the return trip for other trains.

MAINTENANCE OF WAY PARTS



RING, RETAINER, 3-1/2"

3-1/2" retainer ring used to secure the vibrator bushing (Z-68287 or Z-68287-IPS) into the workhead carrier.

Part #: L40072

Weight: 0.1 lbs.



RING, WIPER

Wiper ring for vibrator bushings (part # Z-68287).

Part #: L40525

Weight: .01 lbs.



ROD EYE, 1-1/4", TRI1/10, FEMALE

1-1/4" female rod end, with ringball, for tie exchangers. 5-1/2" high, 2-3/4" wide, with grease nipple. Ringball has a 1" id.

Part #: 0-3652049-0-03

Weight: 2.3 lbs.



ROD, GUIDE, 2-1/2" X 41-3/8"

2-1/2" diameter x 41-3/8" long guide rod for tampers.

Part #: 0-1404016-0-01

Weight: 55 lbs.



ROD, GUIDE, 3" X 26-1/8", STEEL

3" diameter x 26-1/8" long guide rod for tamper machines with 5" od 6-hole mounting disc at one end. Mk IV.

Part #: 0-2203041-0-01

Weight: 55 lbs.



ROD, GUIDE, 4-1/2" X 26", STEEL

4-1/2" diameter x 26" long guide rod for tamper machines with standard centres drilled at each end. Mk III & IV.

Part #: A-6233-X01

Weight: 115 lbs.



ROLLER ASS'Y

Roller assembly for tampers, comprised of one roller (A-1676-Y01) and one brass bushing (0-3652009-0-26).

Part #: A-1681-YAA

Weight: 2.4 lbs.



ROLLER ASS'Y, CLAMP FRAME

Roller assembly for combination clamp frames on tampers. 4" wide, 4" od steel roller with a durable aluminum-bronze bushing. 1-1/2" id.

Part #: 0-2305761-0-01

Weight: 12 lbs.



SANDWICH ASS'Y

Sandwich assemblies are used in various ballast maintenance machines to cushion the vibrator and workhead assemblies.

Part #: 2309005A

Weight: 7 lbs.



SANDWICH ASS'Y LOWER CUSHION MOUNT

Lower cushion mount for sandwich assemblies (part #2309005A). Cushion Mount size 2-5/8" wide x 5" long x 9/16" thick (c/w 1/2" X 45° chamfered corners.)

Part #: 0-1404574-1-01

Weight: 0.9 lbs.



SANDWICH ASS'Y RETAINING PLATE

Sandwich assembly retaining plate for sandwich assemblies (part #2309005A).

Part #: 0-1404046-1-01

Weight: 2.6 lbs.



SANDWICH ASS'Y LOWER RETAINING PLATE

Lower retaining plate for a sandwich assembly (part #2309005A).

Part #: 0-1404575-1-01

Weight: 1.6 lbs.

MAINTENANCE OF WAY PARTS



SANDWICH ASS'Y UPPER CUSHION MOUNT

Upper cushion mount for sandwich assemblies (part #2309005A). Cushion mount size 5-1/2" long x 3-1/4" wide x 5/8" thick.

Part #: 0-1404045-1-01 Weight: 1.3 lbs.



PLATE, LOWER ADJUSTING

Lower adjusting plate for tampers. 5-3/4" x 5" x 1/2" alloy steel. Identical to # Z-68371.

Part #: 0-1404015-0-01 Weight: 3.3 lbs.



SCREW, BUMPER

1" x 4-3/4" overall length bumper screw for tampers; includes brass end with cotter pin and 1" jam nut.

Part #: D-8008-YAA Weight: 1.3 lbs.



SEAL, CANNED WIPER, 5-1/8"

5-1/8" od x 4-1/2" id x .312" metal cased wiper/seal for combo clamp frame assemblies (part # A-3031-V01)

Part #: 0-3393001-0-06 Weight: 0.2 lbs.



SHAFT, WHEEL

A 9-1/2" long graduated wheel shaft for tampers, machined from high strength T6 aluminum. The graduated wheel shaft steps down from 1-7/8" maximum diameter to 1-1/2", to 1", ending in a 1-1/4" long 5/8" NC threaded end.

Part #: Z-690253-0-01 Weight: 1.8 lbs.



SHIM, GUIDE ROD, SET

Guide rod shim set for tampers consisting of: 5 pcs. 0.010" Thk. x 1-3/8" id x 2-7/16" od 1 pc. 0.060" Thk. x 1-3/8" id x 2-7/16" od. Mk II.

Part #: Z-68373-S Weight: 0.1 lbs.

Shim, Guide Rod, .010

Part #: Z-68373-B

Shim, Guide Rod, .060

Part #: Z-68373-A



SANDWICH ASS'Y SPACER

Spacer for sandwich assemblies (part #2309005A).

Part #: 0-1404047-1-01 Weight: 0.5 lbs.



PLATE, UPPER ADJUSTING

Upper adjusting plate for tampers. 5" x 3-1/4" x 3/4" alloy steel.

Part #: Z-68370 Weight: 2 lbs.



CAP, BUMPER SCREW, BRASS

1-1/2" diameter x 1" long brass bumper screw cap used in part # D-8008-YAA bumper screw for tampers.

Part #: D-8008-YAA-01 Weight: 0.43 lbs.



SHAFT ASS'Y

Shaft assembly for tampers, complete with chain coupling.

Part #: 0-2304402-0-01 Weight: 44.6 lbs.



SHAFT, WHEEL, MODIFIED

1-3/16" diameter x 7-3/8" long alloy steel modified wheel shaft for tampers/tie exchangers. Shaft has a 1" long 3/4" NC threaded end.

Part #: Z-683432-IPS Weight: 2.2 lbs.



SHOCK MOUNT, 1-3/4" X 1-1/4"

1-1-4" od rubber shock mount with 1-3/4" od foot, mounted on a 1/2" id steel bushing, for tamper machines.

Part #: Z-766673-0-01-IPS Weight: 0.1 lbs.



SIGHT GLASS, OIL GAUGE, TAMPER

Oil gauge sight glass used on work heads for tampers. 1-1/2" hex head, 1" NPT thread

Part #: L-40567 Weight: 0.23 lbs.

MAINTENANCE OF WAY PARTS

TAMPERS/TIE EXCHANGERS



SPACER, SWIVEL BRACKET, 2-1/4", STEEL

2-1/4" od, 1-13/16" id x 2-7/16" long steel spacer for tampers. This spacer goes between two bronze bushings (part # Z-68273) on swivel brackets.

Part #: Z-68891 Weight: 1 lb.



SPACER, TAMPER, 1", STEEL

1" od, 13/16" id x 3/16" thick steel thrust spacer for tampers.

Part #: Z-685275 Weight: 0.04 lbs.



SPACER, TAMPER, 1-1/4", STEEL

1-1/4" od, 1" id x 1/8" thick steel spacer with heavily chamfered outside edge. This spacer is used on either side of a squeeze cylinder to center it between ears on the carrier and workheads of tampers.

Part #: Z-682674 Weight: 0.05 lbs.



SPACER, TAMPER, 1-1/4", STEEL, MODIFIED

Modified 1-1/4" od, 1" id x 1/8" thick steel spacer with heavily chamfered outside edge. This spacer is used on either side of a squeeze cylinder to center it between ears on the carrier and workheads of Harsco tampers.

Part #: Z-682674-IPS Weight: 0.05 lbs.



SPRING, WORKHEAD EXTENSION

Workhead extension spring for Mk IV Tamper machines. 4-11/16" overall length, 1" diameter.

Part #: L-410848-IPS Weight: 0.2 lbs.



SPROCKET ASS'Y, TRAVERSE

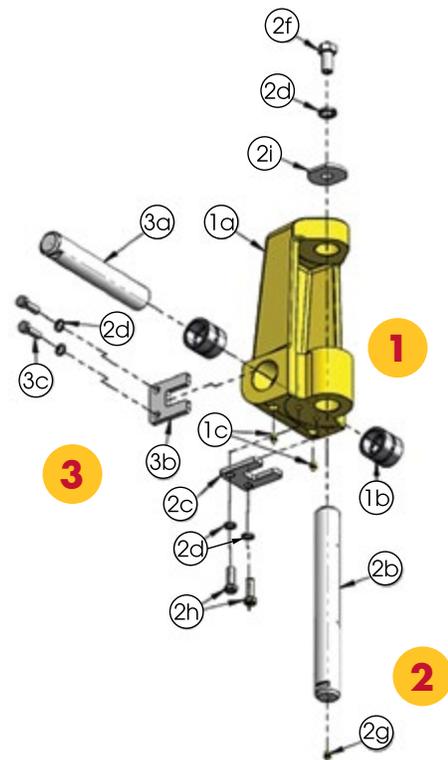
Traverse sprocket assembly including sprocket, bushing, key and three cap screws.

Part #: D-8042-Y01 Weight: 2.8 lbs.

Mk IV HD Swivel Bracket Assembly & Related Pivot Pin Assemblies

Part #: Y-684448-KIT

1a	Y-684448-01	Swivel Bracket, Tamper Vibrator Carrier (complete) , includes:
1b	B-7487-Y01-IPS	Bushing, Tamper, 2-1/4", Steel
1c	L411694	Grease Nipple Fitting
2a	5007907	Pin Ass'y, Pivot, Long (complete) , includes:
2b	5007783	Pin, Pivot, Long, 1-3/4" x 14-7/8", HD Mk IV Tamper
2c	5007872	Keeper, Anti-Rotation, HD Mk IV Tamper
2d	H3948Y04	Lock Washer, Disc, 3/4"
2e	H3948Y05	Lock Washer, Disc, 1/2"
2f	5007906	Bolt, Hex Head, 3/4" x 1-1/2", w/grease nipple hole
2g	L411694	Grease Nipple Fitting
2h	5007905	Bolt, Hex Head, 1/2" x 1-1/2"
2i	5007873	Washer, Pivot Pin
3a	5007782	Pin, Pivot, Short, 1-3/4" x 10-1/2", HD Mk IV Tamper
3b	5007872	Keeper, Anti-Rotation, HD Mk IV Tamper
3c	5007905	Bolt, Hex Head, 1/2" x 1-1/2"
2d	H3948Y04	Lock Washer, Disc, 3/4"



MAINTENANCE OF WAY PARTS



TAMPER STABILIZER ASS'Y, UPPER

This upper tamper stabilizer assembly for tampers comes fully supplied with bushings, stabilizer rod and roll pin, and sturdy compression spring.

Part #: 0-2202632-0-01-U Weight: 15 lbs.

Spring, Tamper Stabilizer Compression

Part #: 0-3641000-0-19 Weight: 1.8 lbs.

Rod Ass'y

Part #: 0-2202634-0-01 Weight: 6.0 lbs.



U-BOLT, 3/4"

3/4" thread U-bolt; 5-1/4" long with 3-3/4" thread per arm. Mk II-IV.

Part #: Z-68133-02 Weight: 1.23 lbs.



WASHER, TAMPER, 1-1/2", PHENOLIC

1-1/2" od, 3/4" id phenolic insulator washer for tampers. 1/16" thick.

Part #: Z-683490 Weight: 0.01 lbs.



WASHER, INSULATOR, 1-15/16", PHENOLIC

1-15/16" od, 1" id phenolic insulator thrust washer for tampers. 1/8" thick.

Part #: Z-62175 Weight: 0.01 lbs.



WEAR PLATE, NYLON

Dense nylon wear plate for tampers, 10-7/8" x 2-3/8" x 1/2".

Part #: Z-683442 Weight: 0.7 lbs.



WASHER, TAMPER, 2-1/4", PHENOLIC

2-1/4" od, 1" id phenolic insulator washer for tamper machines. 3/16" thick.

Part #: Z-765375-001 Weight: 0.03 lbs.



WORKHEAD FRAME, CARRIER SUPPORT

Carrier support workhead frame for Harsco Mk IV tamper machines.

Part #: A-5287-VAA Weight: 550 lbs.



WORK HEAD SUPPORT, UPPER FRAME LEFT

Work head support for Mk IV Tampers, for upper left frame.

Part #: A-1176-VAB Weight: 155 lbs.

Work Head Support, Upper Frame Right

Part #: A-1176-VAA Weight: 155 lbs.



SUPPORT, WORKHEAD FRAME, LH

Workhead frame support, left hand, for tampers.

Part #: C0698VAA Weight: 48 lbs.

Support, Workhead Frame, RH

Part #: C0698VAB Weight: 48 lbs.

ACTUATOR

Rebuilt actuator for Harsco Mk IV tampers.

Part #: C0046XAC

Actuator, Horizontal, New

Horizontal actuator for Mk IV tamper machines.

Part #: C0046XAB





MAINTENANCE OF WAY PARTS

Jupiter cables for Tamper data control systems.

Part#	Name	Description
4022333-IPS	Jupiter Cable, M12 Female/Bare, 3m	M12 Female/Bare Jupiter cable, 3m
4022334-IPS	Jupiter Cable, M12 Female/Bare, 5m	M12 Female/Bare Jupiter cable, 5m
3405078-IPS	Jupiter Cable, M12 Female/Bare, 7m	M12 Female/Bare Jupiter cable, 7m
4015775-IPS	Jupiter Cable, M12 Female/Bare, 10m	M12 Female/Bare Jupiter cable, 10m
4022336-IPS	Jupiter Cable, M12 Male/18 mm Hydraulic DIN/Diode, 1m	M12 Male/18 mm Hydraulic DIN/Diode Jupiter cable, 1m.
4022346-IPS	Jupiter Cable, M12 Male/18 mm Hydraulic DIN/Diode, 2m	M12 Male/18 mm Hydraulic DIN/Diode Jupiter cable, 2m.
4022338-IPS	Jupiter Cable, M12 Male/18 mm Hydraulic DIN/Diode, 3m	M12 Male/18 mm Hydraulic DIN/Diode Jupiter cable, 3m.
4022341-IPS	Jupiter Cable, M12 Male/18 mm Hydraulic DIN/Diode, 7m	M12 Male/18 mm Hydraulic DIN/Diode Jupiter cable, 7m.
4022342-IPS	Jupiter Cable, M12 Male/18 mm Hydraulic DIN/Diode, 10m	M12 Male/18 mm Hydraulic DIN/Diode Jupiter cable, 10m.
4022369-IPS	Jupiter Cable, M12 Male/Air Valve DIN, 2m	M12 Male/Air Valve DIN Jupiter cable, 2m.
4022370-IPS	Jupiter Cable, M12 Male/Air Valve DIN, 3m	M12 Male/Air Valve DIN Jupiter cable, 3m
4022371-IPS	Jupiter Cable, M12 Male/Air Valve DIN, 5m	M12 Male/Air Valve DIN Jupiter cable, 5m.
4022375-IPS	Jupiter Cable, M12 Male/Air Valve DIN, 10m	M12 Male/Air Valve DIN Jupiter cable, 10m.
3401339-IPS	Jupiter Cable, M12 Male/Bare, 4m	M12 Male/Bare Jupiter cable, 4m.
3401332-IPS	Jupiter Cable, M12 Male/Bare, 10m	M12 Male/Bare Jupiter cable, 10m.
4022353-IPS	Jupiter Cable, M12 Male/Din, 1m	M12 Male/DIN Jupiter cable, 1m.
4022354-IPS	Jupiter Cable, M12 Male/Din, 2m	M12 Male/DIN Jupiter cable, 2m.
4022358-IPS	Jupiter Cable, M12 Male/Din, 5m	M12 Male/DIN Jupiter cable, 5m.
4022356-IPS	Jupiter Cable, M12 Male/Din, 10m	M12 Male/DIN Jupiter cable, 10m.
3401324-IPS	Jupiter Cable, M12 Male/Female, 1m	M12 Male/Female Jupiter cable, 1m.
3401325-IPS	Jupiter Cable, M12 Male/Female, 2m	M12 Male/Female Jupiter cable, 2m.
3401326-IPS	Jupiter Cable, M12 Male/Female, 3m	M12 Male/Female Jupiter cable, 3m.
3401327-IPS	Jupiter Cable, M12 Male/Female, 5m	M12 Male/Female Jupiter cable, 5m
3401336-IPS	Jupiter Cable, M12 Male/Female, 6m	M12 Male/Female Jupiter cable, 6m.
3401328-IPS	Jupiter Cable, M12 Male/Female, 7m	M12 Male/Female Jupiter cable, 7m.
3401329-IPS	Jupiter Cable, M12 Male/Female, 10m	M12 Male/Female Jupiter cable, 10m
4022325-IPS	Jupiter Cable, M12 Male/Female Network, 1m	M12 Male/Female Network Jupiter cable, 1m.
4022326-IPS	Jupiter Cable, M12 Male/Female Network, 2m	M12 Male/Female Network Jupiter cable, 2m.
4022327-IPS	Jupiter Cable, M12 Male/Female Network, 3m	M12 Male/Female Network Jupiter cable, 3m.
4022329-IPS	Jupiter Cable, M12 Male/Female Network, 5m	M12 Male/Female Network Jupiter cable, 5m
4022330-IPS	Jupiter Cable, M12 Male/Female Network, 7m	M12 Male/Female Network Jupiter cable, 7m.
4022331-IPS	Jupiter Cable, M12 Male/Female Network, 10m	M12 Male/Female Network Jupiter cable, 10m.
3401341-IPS	Jupiter Cable, M12 Male/Hydraulic DIN Connector, 1m	M12 Male/Hydraulic DIN Connector Jupiter cable, 1m. Also used as 4022353 cable.
3401342-IPS	Jupiter Cable, M12 Male/Hydraulic DIN Connector, 2m	M12 Male/Hydraulic DIN Connector Jupiter cable, 2m. Also used as 4022354 cable.
3401343-IPS	Jupiter Cable, M12 Male/Hydraulic DIN Connector, 3m	M12 Male/Hydraulic DIN Connector Jupiter cable, 3m. Also used as 4022353 cable.
3401344-IPS	Jupiter Cable, M12 Male/Hydraulic DIN Connector, 5m	M12 Male/Hydraulic DIN Connector Jupiter cable, 5m. Also used as 4022356 cable.
3401346-IPS	Jupiter Cable, M12 Male/Hydraulic DIN Connector, 10m	M12 Male/Hydraulic DIN Connector Jupiter cable, 10m. Also used as 4022358 cable.

MAINTENANCE OF WAY PARTS



CABLE SPLITTER/CONNECTOR, 2 FEMALE/1 MALE

2 Female to 1 Male cable splitter/
connector for Jupiter cable systems.

Part #: 414260



CHOPPER DISC, 24-SLOT

24-slot chopper disc for Harsco Mk IV tamper
projector buggies.

Part #: Z-754020-A



JUPITER STRING POT, REBUILT

Rebuilt Jupiter string pot for sensing
position of tamping tools on Harsco Mk
IV tampers.

Part #: 0-3137013-0-14 R&R



CABLE KIT, JUPITER SPARES

This robust carry-case contains a selection
of critical replacement Jupiter Cables for
Tampers Machines. Each cable is 10 m long
to allow it to substitute for any damaged
or testing cable in the field until the correct
replacement cable can be obtained and
installed. The following cables are included:
3401329-IPS, 3401332-IPS, 3401364-IPS,
4015775-IPS, 4022331-IPS, 4022342-IPS.

Part #: 2017P-IPS



CONNECTOR, PROJECTOR BUGGY CABLE, MALE

Projector buggy cable male connector. Locking plug,
3 pole, 3 wire, 20 amp, 125/250V, black and white.

Part #: 9965-C



FAN BLADE MOD

Jointed fan blade modification for Mk IV tampers.

Part #: 2339-Y01



FILTER ASS'Y, OPTICAL

Optical filter assembly for tamper machines.

Part #: 4007019-IPS



FILTER ASS'Y, INFRA-RED

Infra-red filter assembly for tamper machines.

Part #: Y-684614

Weight: 0.66 lbs.



LENS, GLASS PROJECTOR, INFRA-RED, 52MM

HOYA 52mm Infra-Red Glass Filter Lens
for surface and line projectors.
For Harsco Mk IV tamper.

Part #: 4028400



LENS, OPTICAL

Infra-red optical Lens for surface and
line projectors, for Harsco Mk IV tampers.

Part #: 4007018-IPS



LIMIT SWITCH ASS'Y, VME

Heavy-duty plug-in clamp frame limit switch with
for Harsco IV tampers. Side rotary standard,
1/2-14 NPT, and rated for -40° C.

Part #: L-422907

MAINTENANCE OF WAY PARTS

TAMPERS/TIE EXCHANGERS



MOTOR, 36 VDC HORIZONTAL

36 VDC horizontal motor, used to operate actuators of Mk IV tampers.

Part #: B8904Y01



PHOTOCELL, SILICON

Silicon photocell for Mk IV tampers.

Part #: L-402656



REPLACEMENT STRING, STRING POT

Replacement string for Mk IV tamper workhead string pots.

Part #: G5099Y02



SWITCH, PRESSURE

Transmission clutch pressure switch for Harsco Mk IV tampers. 1/4"-18 NPT male.

Part #: A-7081-Y13



SWITCH, PROXIMITY

Proximity switch with 2 metre cable for Mk IV tampers.

Part #: 0-310025-0-08

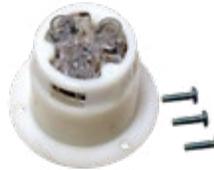
Weight: 0.5 lbs.



PHOTOCELL, LEAD SULPHIDE

Lead sulphide photocell for Mk IV tampers.

Part #: L-410284



RECEPTACLE PANEL MOUNT

Projector buggy cable connector for receptacle boxes on Harsco Mk IV tampers. 3-pole, 3-wire flanged female outlet, 20 Amp 125V.

Part #: L-421260



STRING POT, VME, REBUILT

Rebuilt Jupiter string pot for sensing position of tamping tools on Harsco Mk IV tampers.

Part #: 0-3137013-0-13 Rebuilt



SWITCH, SQUEEZE PISTON

Sealed piston squeeze pressure switch. This item ends the Tamping cycle on the Harsco Mk II, Mk III, and VME Mk IV tampers. Identical to 500060000.

Part #: L-40624



MAINTENANCE OF WAY PARTS

NORDCO TRIPP



BUSHING, GRIPPER PIVOT BRACKET, STEEL, 2-1/2"

2-1/2" od, 2" id x 2" long steel gripper pivot bracket bushing.

Part #: 22127892

Weight: 1 lb.



BUSHING, GRIPPER, 1-1/4" X 2", STEEL

1-1/4" od x 2" long steel bushing for gripper pivot brackets.

Part #: 2210-7232

Weight: 0.25 lbs.



PIN, TIE GRIPPER CYLINDER

1" diameter x 4-1/2" long steel tie gripper cylinder pin for TRIPP machines.

Part #: 5426-0520

Weight: 1.3 lbs.



PIN, GRIPPER ARM JAW

Gripper Jaw Arm Pin used on a TRIPP tie exchanger gripper assembly. Four per machine.

Part #: 5410-5111

Weight: 4.5 lbs.



SLEEVE, BUSHING, STEEL, 1-7/8"

Steel tie gripper bushing for gripper jaw arm pin and TRIPP wheel axles (5410-5111 & 54261725).

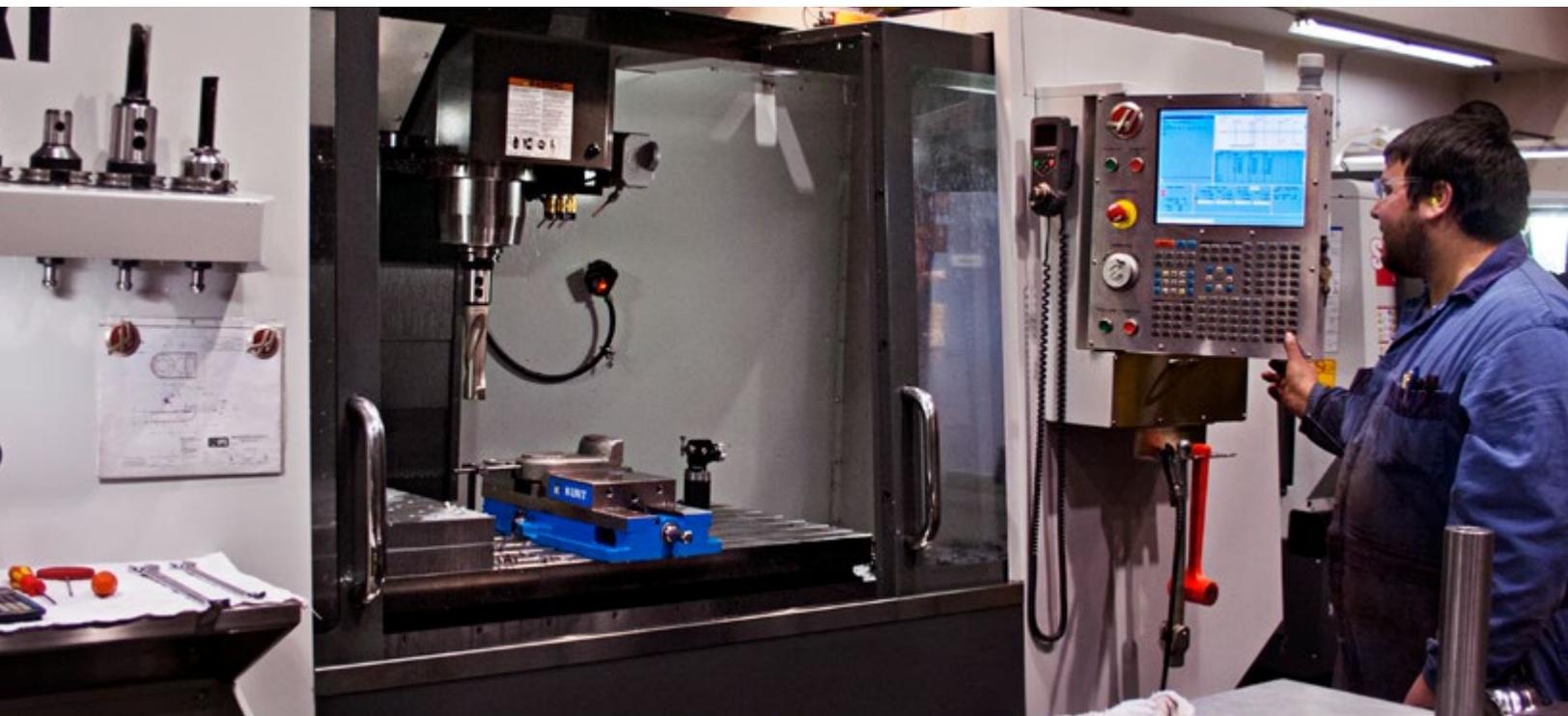
Part #: 2203-9205



WHEEL AXLE, TRIPP

A non-insulated wheel axle for a Nordco-Tripp machine.

Part #: 54261725



MAINTENANCE OF WAY PARTS



BOLT, HOOK ANCHOR

3/4" x 22-5/16" hook anchor bolt, galvanized C1045 steel. Used to hold ties and timbers in bridge applications. Comes with one 3/4" NC HDG Anco Nut and one 3/4" 'evertight' spring (a triple spring lock washer).

Part #: 2310016A

Weight: 3.3 lbs.



BUSHING, CRANE GRAPPLE, 1-3/4", ALUMINUM-BRONZE

1-3/4" od, 1-9/16" id x 1-9/16" long bushing for a 10-ton truck boom crane grapple, complete with grease groove, machined from aluminum-bronze for increased durability.

Part #: 135014407

Weight: 0.2 lbs.



CAP, PROTECTIVE

Protective cap for rail fasteners (such as Pandrol clips) during concrete tie paving.

Part #: 12.222

Weight: 0.45 lbs.



CLAMP, RAIL

Rail clamp for manual tamper machines.

Part #: 300945

Weight: 7.2 lbs.



DRILL CHUCK

Precision machined alloy steel drill chuck designed for quad drills with two set screws to lock drill bit in position.

Part #: 10210104-IPS

Weight: 1 lb.

DRILL TEMPLATES

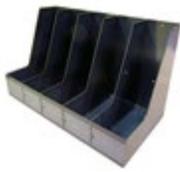


Part#	Name	Description	Weight
2223212A	Drill Template, Crane Rail, Stanley MRS87A	For Stanley hydraulic drills, Crane Rail, for MRS87A rails.	0.05 lbs.
2223204A	Drill Template, Crane Rail Hydraulic, 104-105 lbs.	For Stanley hydraulic drills. Templates are sold individually, 2 templates are required per drill.	1 lb.
2223205A	Drill Template, Crane Rail Hydraulic, 135-171 lbs.	For Stanley hydraulic drills.	1 lb.
2223206A	Drill Template, Crane Rail Hydraulic, 171-175 lbs.	For Stanley hydraulic drills.	1 lb.
2223217A	Drill Template, Gas Rail, 85 lbs.	Drill template for RailBoss gas rail drills for 85 lbs. rails.	0.3 lbs.
2223219A	Drill Template, Gas Rail, 100 lbs. RA	Drill template for RailBoss gas rail drills for 100 lbs. RA rails.	0.3 lbs.
2223218A	Drill Template, Gas Rail, 100 lbs. RE	Drill template for RailBoss gas rail drills for 100 lbs. RE rails.	0.3 lbs.
2223220A	Drill Template, Gas Rail, 115/119 lbs.	Drill template for RailBoss gas rail drills for 115 & 119 lbs. rails.	0.4 lbs.
2223221A	Drill Template, Gas Rail, 132/136/141 lbs.	Drill template for RailBoss gas rail drills for 132/136/141 lbs. rails.	0.5 lbs.
2223222A	Drill Template, Hydraulic Rail, 80 lbs	Drill template for Stanley hydraulic rail drills for 80 lbs. rails. Templates are sold individually, 2 templates are required per drill.	0.5 lbs.
2223216A	Drill Template w/ Heel, Rail Hydraulic, 100 lbs. RE	Drill template with heel for Stanley hydraulic rail drills for 100 lbs. rails.	1 lb.
2223214A	Drill Template, Hydraulic Rail, 115 lbs.	Drill template for Stanley hydraulic rail drills for 115 lbs. rails.	0.7 lbs.
2223207A	Drill Template, Rail Hydraulic, 85 lbs. CP	For Stanley hydraulic drills.	1 lb.
2223208A	Drill Template, Rail Hydraulic, 100 lbs. RE & RA	For Stanley hydraulic drills.	1 lb.
2223215A	Drill Template, Rail Hydraulic, 136 lbs.	Drill template for Stanley hydraulic rail drills for 136 lbs. rails.	0.8 lbs.

Templates are sold individually, 2 templates are required per drill.

MAINTENANCE OF WAY PARTS

MISCELLANEOUS



DOCUMENT HOLDER, MOW TRAIN

Five slot document holder for MOW trains. 10" deep x 12" high x 20 wide, painted flat black.

Part #: 2310203A Weight: 16.5 lbs.



EYE BOLT, 1/2" X 5-1/2"

1/2" diameter x 5-1/2" long steel eye bolt used in gang cars. 1-1/4" od, 1/2" id x 1/2" thick eye.

Part #: M-28351 Weight: 0.4 lbs.



FISH PLATE

Fish plate used in joining continuous welded rail sections.

Part #: 2362001B Weight: 9 lbs.



BOLT KIT, FISH PLATE

1" x 3-1/2" bare metal Gr. 5 hex cap bolt with accompanying nut, for Fish Plate connections.

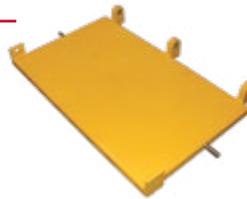
Part #: 2362001B-01



JOINT PLATE, FROG, 115 LBS.

4" x 6" frog joint plate with three 1-3/8" holes.

Part #: 2223306A Weight: 6.4 lbs.



HOPPER DOOR, HEAVY DUTY

Hopper door for Racine scrap and heavy material loaders. 49" wide x 30" long, with three 1-1/2" id mount bushings.

Part #: 778308



JAW, RAIL PULLER

Hardened steel gripping plates for Portaco hydraulic rail pullers; designed to draw rail ends together.

Part #: 3998-00D Weight: 0.83 lbs.



JAW, HYDRAULIC RAIL PULLER

Hydraulic rail puller jaw used on Matweld devices to draw rail ends together for joining. 60+ HRC.

Part #: 2310062B (119-1/2 cm diameter)

Weight: 4.2 lbs.

Part #: 2310062A (122-1/2 cm diameter)

Weight: 4.4 lbs.



PIN ASS'Y, SCRAP CRANE

Scrap crane pin assembly, c/w 3 washers w/ magnet to hammerlock.

Part #: 55128287



PIN, GRAPPLE, SHORT, 40mm X 13-3/4"

40mm diameter x 13-3/4" long grapple pin used for 10 ton truck boom grapples.

Part #: 501051032 Weight: 7.6 lbs.

Pin, Grapple, Long, 40mm x 18-1/8"

Part #: 501051031 Weight: 10.2 lbs.



PIN, LOAD TRUCK GRAPPLE, SHORT

40mm dia. x 5-7/16" long load truck grapple pin with 1-25/32" square retaining plate.

Part #: 509051050 Weight: 3 lbs.

Pin, Load Truck Grapple, Long

Part #: 509051053 Weight: 4 lbs.



PLATE, WEAR

1-1/4" wide x 4" long case hardened wear plate for Racine dual anchor applicators. 1" high at tallest, 5/8" high main body, with three 3/8" holes.

Part #: 385058 Weight: 0.9 lbs.



RETAINER, DUMP BODY

Dump body retainer for 10-ton truck.

Part #: 0808151A Weight: 1.8 lbs.



SCREW JACK, 7-3/4

Complete screwjack assembly with left and right hand weld nuts and left and right hand jam nuts. Length for this model may be customized on demand; other standard lengths listed below.

SCREW JACK, 13" - 21" 13" minimum to 21" maximum length.

Part #: 0808105B

SCREW JACK, 22" - 34" 22" minimum to 34" maximum length.

Part #: 0808105C

SCREW JACK, 30" - 46" 30" minimum to 46" maximum length.

Part #: 0808105D

SCREW JACK, 36" - 56" 36" minimum to 56" maximum length.

Part #: 0808105E

SCREW JACK, 51" - 75" 51" minimum to 75" maximum length.

Part #: 0808105F

SCREW JACK EXTENSION, 6" 6" extension for Screw Jacks.

Part #: 0808105P

SCREW JACK EXTENSION, 12" 12" extension for Screw Jacks.

Part #: 0808105Q



SPLIT COLLAR

2" od, 1-1/4" id x 1/2" long split collar, with 2 socket head cap screws. Used with quad drill chucks (part# 10210104-IPS).

Part #: 5496438 Weight: 0.26 lbs.



REMOTE PO ASS'Y, BOOM TRUCK REAR RAIL GEAR

Boom truck remote P-O assembly.

Part #: 818582 (5-3/8") Weight: 2.4 lbs.
Pin centres for this assembly are 5-3/8" apart.

Part #: 818546 (5-3/4") Weight: 3.7 lbs.
Pin centres for this assembly are 5-3/4" apart.

Part #: 818565 (7-3/4") Weight: 4.1 lbs.
Pin centres for this assembly are 7-3/4" apart.



A-FRAME

This frame is used with our screw jacks for positioning rail, forms and structural elements.

Part #: 0808150A Weight: 16 lbs.



SCREW JACK, SINGLE END, SHORT

Short "Twisty Jack" screw jack. Comes with crank lever.

Part #: 0808105S Weight: 6 lbs.

SCREW JACK, SINGLE END, LONG

Long "Twisty Jack" screw jack. Comes with crank lever.

Part #: 0808105T Weight: 7 lbs.



TAMPERS HEAT SHIELD

Heat shield for Stanley hydraulic tampers. This item comes complete with one 1/4"-20 NC x 4-1/2" grade 5 bolt and a 1/4"-20 stover nut.

Part #: 2310003A Weight: 2.4 lbs.

MAINTENANCE OF WAY PARTS



DRILL BIT "WOOD WASP", 11/16" X 10"

11/16" x 10" "Wood Wasp" Cobalt Steel/HSS drill bit for drilling wood railway ties. 12" overall length, with 1/2" flattened shank; used with 10210104-IPS drill chuck. Convex fluting along drill bit blades allows for better chip evacuation and more flexible structure which reduces side-load breakage.

Part #: 1772-1116-IPS

Weight: 1lb.

MISCELLANEOUS



TIE SPACER

36" high x 24" wide tie spacer device. Adjustable for 12", 13" & 21" spacing.

Part #: 2310093A

Weight: 27.5 lbs.

WOOD TIE PLUGGING COMPOUND, 600 ML X 12

600ml wood tie plugging compound. Sold by the case - six cartridges per unit.

Part #: E17000010

Wood Tie Plugging Compound, 1500ml x 6

Part #: E17003411

APPLICATOR, BATTERY POWERED, 600 ML

Battery powered applicator for 600 ml wood tie plugging compound (E17000010).

Part #: E14003327

Applicator, Extended Battery Powered, 1500 ml

Part #: E01003420



APPLICATOR, EXTENDED MANUAL, 600 ML

Extended manual applicator for 600 ml wood tie plugging compound (E17000010)

Part #: E14000051

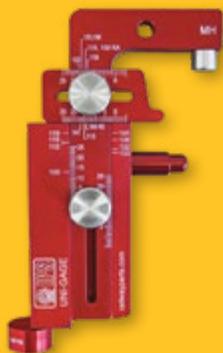
Applicator, Short Manual, 600 ml

Part #: E14000052

GLUE TIP, APPLICATOR

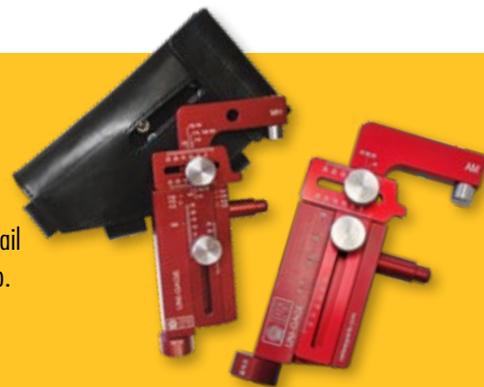
Removable tip for wood tie plugging compound applicators.

Part #: E14003280



UNI-GAGE

The IPS Uni-Gage is a precision measuring instrument that has been designed and calibrated to accurately measure rail wear on a wide range of rail profiles. Designed with high-grade aluminum and stainless steel, the Uni-Gage is available in 4 standard models for measuring rail wear in imperial or metric for 85-141 lb. profiles. Supplied with leather holster with belt loop.



UNI-GAGE IL 85-119 LBS.

Imperial Low

Part #: 4464013A

Weight: 1 lb.

UNI-GAGE ML 85-119 LBS.

Metric Low

Part #: 4464012A

Weight: 1 lb.

UNI-GAGE IH 100-141 LBS.

Imperial High

Part #: 4464011A

Weight: 1 lb.

UNI-GAGE MH 100-141 LBS.

Metric High

Part #: 4464010A

Weight: 1 lb.

RAIL GAUGE - UNI-GAGE AML 41-60 KGS.

Uni-Gage AML, Metric 41-60 Kgs

Part #: 4464015A

Weight: 1 lb.

UNI-GAGE REPLACEMENT PARTS



LOCK KNOB

Lock knob for all Universal & Duo rail gauges.

Part #: 4464018A-15



HEIGHT GAUGE

Part #: 4464018A-05 (100-141, METRIC)

Part #: 4464018A-06 (100-141, IMPERIAL)

Part #: 4464018A-07 (85-119, METRIC)

Part #: 4464018A-08 (85-119, IMPERIAL)



FINGER, UNIVERSAL IMPERIAL

Universal Imperial finger for Imperial Uni-Gages 4464011A & 4464013A.

Part #: 4464018A-12



FINGER, UNIVERSAL METRIC

Universal Metric finger for Metric Uni-Gages 4464010A & 4464012A.

Part #: 4464018A-11



RAIL GAUGE STOP BLOCK (UNI)

Replacement Stop Block for all Universal Rail Gauges.

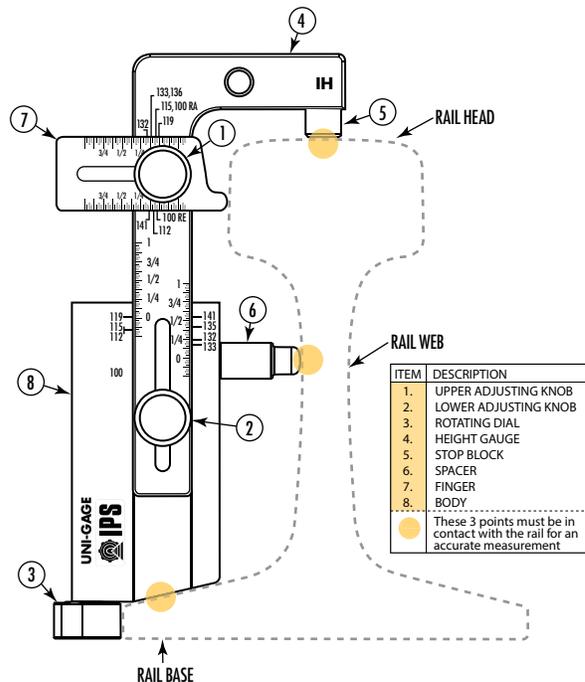
Part #: 4464019A-05



ROTATING SPACER 100-141

Rotating spacer for 100-141 lb Universal Rail Gauges 4464010A & 4464011A.

Part #: 4464018A-09



FIXED SPACER, ANODIZED

Fixed spacer for Uni-Gages.

Part #: 4464018A-14



ROTATING SPACER 85-119

Rotating spacer for 100-141 lb Universal Rail Gauges 4464012A & 4464013A.

Part #: 4464018A-10



POUCH, RAIL GAUGE, UNIVERSAL

Leather holster for all Uni- and Duo-Gauges.

Part #: 4464014A

UNI-GAGE

PRECISION GAUGES



“ACCURATUS” RAIL GAUGE, LEVEL/ELEVATION

Accuratus Track Gauge and Elevation Level for verifying rail gauge and track elevation. Easily calibrated and lockable for use as a go/no-go gauge. Comes with durable carry bag for storage and transportation.

Part #: 2310030C Weight: 8 lbs.



TRACK GAUGE EXTENSION, BURGUNDY

This precision machined, burgundy anodized aluminum extension is designed as an attachment to improve the usability of the track gauge # 2310030C.

Part #: 2310056B Weight: 0.6 lbs.



RAIL GAUGE, ROLLING TRACK

Measure up to 2 inches gauge variation while walking down the track. Spring-action telescopic assembly expands and contracts as gauge changes. Worker can read gauge while walking by looking down at a lens and gauge scale. Steel roller bearings measure gauge at 5/8" below top of rail.

Part #: 2310091A



RAIL GAUGE, PIPE CENTRE, 56-1/2"

56-1/2" pipe centre track gauge for confirming rail gauge.

Part #: 2310066A Weight: 15 lbs.



RAIL GAUGE, 54E1

Flat stainless steel gauge that measures the wear of 54E1 RE rail.

Part #: 4464052A Weight: 0.2 lbs.



GAUGE, FROG TAPER, SS

16 cm long x 2.4 cm high frog setting taper gauge. Used with a Straight Edge to determine point depression/deviation at 1 mm engraved intervals.

Part #: 268091-IPS Weight: 0.12 lbs,



GAUGE, FROG WEAR

6 mm thick stainless steel gauge for measuring wear on railroad frogs.

Part #: 4464050A Weight: 0.3 lbs.



GAUGE, LASER SPOT CHECK

Battery powered laser distance gauge with rail seating bracket. Accurate within 1/32".

Part #: 4464053A

Weight: 1 lb.



GAUGE, LOCOMOTIVE COUPLER MEASURING

Locomotive coupler measuring gauge made from precision engraved aluminum. Measures 30" - 36" distances.

Part #: 2310099A

Weight: 8.5 lbs.



GAUGE, PEDESTAL LINER & LATERAL WHEEL CLEARANCE

Manufactured from precision machined aluminum and anodized, this gauge is designed to measure wheel clearance on freight cars. Measures 3/4" wide x 6" long.

Part #: 2223200A

Weight: 0.1 lbs.



GAUGE, RAIL CAR BEARING

Rail car bearing gauge with 46" long handle and twist-lock at the user end to hold measuring gauge at measured height. Measures 4" to 6" gaps. Painted safety yellow.

Part #: 2223203A

Weight: 3.6 lbs.



GAUGE, HI-RAIL WHEEL ALIGNMENT

Hi-Rail wheel alignment gauge. Two pcs. per set.

Part #: 2310100A

Weight: 33.5 lbs.



GAUGE, WHEEL

Spring-loaded wheel gauge for rail wheel repair.

Part #: 2310204A

Weight: 1.2 lbs.



PRECISION STRAIGHT EDGE, 36"

Accuratus precision straight edge, 36" long, used to check weld uniformity and flatness after grinding.

Part #: SE36-IPS

Weight: 5 lbs.



PRECISION STRAIGHT EDGE, ADJUSTABLE MAGNETIC, 36"

Accuratus adjustable magnetic precision straight edge. 36" long with levelling adjusters.

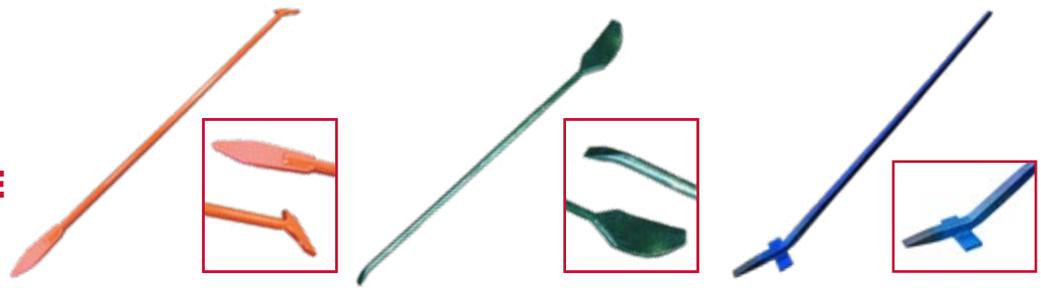
Part #: SE36M-IPS

Weight: 6.75 lbs.



HAND TOOLS

HAND BARS FOR RAIL MAINTENANCE



Part#	Name	Description	Weight
2310118A	Bar, Chisel End Tamping	A high-carbon steel bar, 61" long, 7/8" diameter stock, manufactured to AREMA Plan 14-02.	15 lbs.
2310106A	Bar, Claw, 60"	High-carbon steel claw bar, 60" long. Heat-treated, 7/8" slot size and meeting AREMA Plan 11-97.	27 lbs.
SPB-9000	Spike Puller, 4 ball	A specialty tool designed to work in conjunction with IPS claw bars to pull rail spikes in areas with limited access.	2.5 lbs.
2310105A	Bar, Diamond Point Lining, 60"	High-carbon steel lining bar, diamond point end, 60" long, manufactured to AREMA Plan 5-02.	18 lbs.
2310105B	Bar, Diamond Point Lining, 66"	High-carbon steel lining bar, 66" long, manufactured to AREMA Plan 5-02.	26 lbs.
2310134A	Bar, Standard Jimmy, 57"	A high-carbon steel bar, 57" long, 1-1/4" diameter stock. Bent chisel tip at one end, tapering to a round point at the other.	22.5 lbs.
2310105D	Bar, Lining/Crow, Wedge, 60"	A 60" long high carbon steel lining bar with wedge point.	18 lbs.
4123-90	Bar, Nipping	59-1/2" long (overall) nipping bar with 5" wide x 10" long curved paddle, used for manually levering up and re-aligning rail ties with their rails.	18 lbs.
2310146A	Bar, Single-Tine Nipping	52" Single-tine nipping bar for ergonomic rail shifting.	12.3 lbs.
2310119A	Bar, Offset Pinch, 48"	A high-carbon steel offset pinch bar, 48" long, 7/8" diameter stock.	10.75 lbs.
2310067A	Bar, Pry, 24"	A 24" long multi-use high-carbon steel prybar.	2.9 lbs.
2310132A	Bar, Round Point Railroader Pry	60" long, high-carbon steel railroader pry bar with round point.	14 lbs.
2310118C	Bar, "Javelin" Point Tamping	The "Javelin" point tamping bar has a 62" long, 1-1/16" diameter high-carbon steel handle, with one spear-point end and one tamping end. A lightweight variant of 2310118B, painted safety orange.	8.5 lbs.
2310118B	Bar, Spear Point Tamping	A high-carbon steel bar, 64" long, 7/8" diameter stock, with one spear-point end and one tamping end. Manufactured to AREMA Plan 15-02.	15 lbs.
2310135A	Claw, Hand Spike, Curved	High-carbon steel spike removal claw. Heat treated 7/8" slot size and measuring 7-3/4" long.	5.4 lbs.
2310136A	Claw, Spike Extractor, "Pig's Foot"	High-carbon steel spike removal claw. Heat treated 7/8" slot size and measuring 9-3/4" long.	7.2 lbs.

DRIFT PINS

Drift punches are ideal tools for aligning objects via their placement holes. These tapered punches have a 38-42 Rockwell hardness and measure as follows:



Part#	Name	Weight
DP7811	Drift Pin, 7/8" x 11"	1.5 lbs.
DP1115	Drift Pin, 1" x 11-1/2"	2.0 lbs.
2310002A	Drift Pin, 1-1/16" x 11"	2.0 lbs.
DP11813	Drift Pin, 1-1/8" x 11-3/8", "Thorn"	1.8 lbs.
DP11812	Drift Pin, 1-1/8" x 12"	2.5 lbs.
DP13819	Drift Pin, 1-3/8" x 19"	4.2 lbs.
DP14112-F	Drift Pin, 1-1/2" x 14", Flattened	
DPH7814	Drift Pin, 7/8" x 14", Hex Barrel	2.3 lbs.

FORKS, RAIL



52-1/2" long rail forks, cast in several hook forms in order to aid in the manual manipulation of lengths of rail.

Part #: 4123-13

Weight: 13 lbs.



"THE BIG STIK" TELESCOPIC BRAKE HOOK

Telescopic brake hook used to reach brake wheel.



Part#	Name
0808875C	Hook, Telescopic Brake, 24" - 42"
0808875D	Hook, Telescopic Brake, 39" - 62-1/2"
0808875B	Hook, Telescopic Brake, 49" - 81"
0808875A	Hook, Telescopic Brake, 67" - 104"
0808875C-M	Hook, Telescopic Brake, 24" - 42", Magnetic
0808875D-M	Hook, Telescopic Brake, 39" - 62-1/2", Magnetic
0808875B-M	Hook, Telescopic Brake, 49" - 81", Magnetic
0808875A-M	Hook, Telescopic Brake, 67" - 104", Magnetic



PANDROL TOOL, T-BAR

42" long arm attached to a 12-1/4" fulcrum arm with roller attachment. Painted safety yellow.

Part #: 2310042H Weight: 13.5 lbs.



BAR, ANCHOR PRY

Anchor pry bar to loosen Pandrol anchors before removal.

Part #: 2310190A Weight: 11 lbs.



PICK, CLAY, SLIP-ON HANDLE, 36"

A high-carbon, heat-treated steel pick with point and chisel ends and 36" long slip-on hickory handle.

Part #: 2310122A Weight: 8 lbs.

Handle, Clay Pick, 36"

Part #: 2310122A-01 Weight: 2 lbs.



PANDROL CLIP PULLER

The Pandrol Clip Puller is a simple hand tool for easy and safe installation of pandrol rail clips on short sections of track. The roller action is designed to ease the installation of clips. The 39-1/2" long handle is available with 8" or 10" long hook - the longer puller used on bridge tie plates.

Part #: 2310043A (Short Hook) Weight: 16 lbs.
Part #: 2310042A (Long Hook) Weight: 16.5 lbs.



HOOK, PANDROL CLIP

8" & 10" long hooks for installing Pandrol rail clips with the short & long hook Pandrol clip puller (2310043A & 2310042A).

Part #: 2310043A-01 (Short) Weight: 2 lbs.
Part #: 2310042A-01 (Long) Weight: 2.5 lbs.



PANDROL CLIP PULLER, "CONVINCER" CLASS 1

The "Convincer" is a heavy-duty, Class 1 Pandrol Clip Puller with a durable steel roller. Designed for abuse and long term repetitive performance, it measures 42" long with a 6" long clip hook. Ideal for "e"-clip and Fastclip systems.

Part #: 2310042B Weight: 18 lbs.

HOOK, PANDROL CLIP, "CONVINCER"

Part #: 2310042B-01 Weight: 3.2 lbs.



HAND TOOLS



PUNCH, DRIVE PIN, 5/8"

Drive pin punch with an overall length of 13", with a machined 5/8" diameter punch 5" long. Heat treated to 38-42 HRC.

Part #: 2310002B

Weight: 3 lbs.

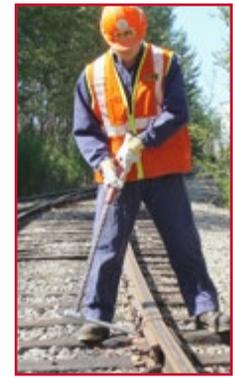


PUNCH, CABLE, 35"

Heat-treated alloy steel cable punch designed to hammer out rail bolts. Rubber handle to absorb shock and minimize vibration. 14" overall head length, 7/8" diameter striking surface, 35" long cable handle.

Part #: 2364000A

Weight: 10 lbs.



PUNCH, PANDROL CLIP

The Robinson Cable Punch is a robust tool designed for the removal of broken or damaged Pandrol Clips. The heat-treated 11" head is attached to a 26" steel cable handle with a rubber sleeve to minimize vibration and absorb shock.

Part #: 2310060A

Weight: 8.5 lbs.



PUNCH, "GLADIATOR" RAIL BOLT, 20"

Heat-treated alloy steel cable punch designed to hammer out rail bolts and stubborn pins. Enhanced grip reinforced rubber handle to absorb shock and minimize vibration. 14" overall head length, 7/8" diameter striking surface, 19" long cable handle.

Part #: 2364002A

Weight: 3.9 lbs.



PUNCH, ROUND TRACK, NON-SLIP HANDLE, 36"

Supplied with 36" long, non-slip handle and manufactured from Grade B alloy steel as per AREMA Plan 19-02.

Part #: 2310120A

Weight: 9.5 lbs.



PUNCH, TIE PLUG, NON-SLIP HANDLE, 36"

Tie plug punch with non-slip, 36" long, hickory handle. Grade B alloy steel.

Part #: 2310107A

Weight: 9 lbs.



RAIL ANCHOR APPLICATOR

66" long rail anchor applicator hand tool. Mouth end has a 2-1/2" id.

Part #: 2310092A

Weight: 25 lbs.

RAIL TONG, TWO PERSON

Cast steel rail tongs designed to move rail manually with 2 people per tong. Measures 44" across the handles and meets AREMA Plan 6-02.

Part #: 2310123A

Weight: 15 lbs.



SLEDGE HAMMER, NON-SLIP HANDLE, 36"

Double face sledge hammers manufactured from Grade B alloy steel and supplied with 36" long non-slip hickory handle.

Part #: 2310121A (10 lb.)

Weight: 11.2 lbs.

Part #: 2310121B (12 lb.)

Weight: 13.2 lbs.

Part #: 2310121C (8 lb.)

Weight: 9 lbs.

SLEDGE HAMMER HEAD

Heat-treated, Grade B alloy steel sledge hammer heads, available in 10 and 12 lb. head.

Part #: 2310121A-01

Weight: 10 lbs.

Part #: 2310121B-01

Weight: 12 lbs.





SLEDGE HAMMER, 10 LB., HEAVY-DUTY

10 lb. double face sledge hammer with non-slip, textured handle made from vibration dampening, thick rubber neck over a rugged steel core. 36" long handle.

Part #: 2310121U

Weight: 14.8 lbs.

Sledge Hammer, 8 lb., Heavy-Duty

Part #: 2310121D

Weight: 9 lbs.



SPIKE MAUL, BALANCED, NON-SLIP HANDLE, 36

Spike Maul with balanced (symmetrical) head and non-slip, 36" long, hickory handle. Bell pattern, Grade B alloy steel

Part #: 2310104B

Weight: 12 lbs.

Spike Maul Head, Balanced

10 lb. spike maul balanced (symmetrical) head. Bell pattern, Grade B alloy steel.

Part #: 2310104B-01

Weight: 10.4 lbs.



SPIKE LIFTER AND PROTECTOR, RIGHT HAND, 36"

A manual spike lifting tool consisting of a grade B alloy steel head and protector. 36" long non-slip hickory handle.

Part #: 2310124A

Weight: 8.5 lbs.



SPIKE MAUL, NON-SLIP HANDLE, 36"

Spike Maul with non-slip, 36" long, hickory handle. Bell pattern, Grade B alloy steel conforming to AREMA 3-02. 1-1/4" x 1-5/8" face.

Part #: 2310104A

Weight: 11.4 lbs.

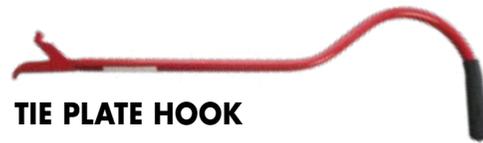


Spike Maul Head

Heat-treated, Grade B alloy steel spike maul head.

Part #: 2310104A-01

Weight: 10 lbs.



TIE PLATE HOOK

An ergonomic tool for handling and placing large quantities of tie plates with minimal effort. With cushioned handle and paint finish, this item is available with a 32" or 36" long handle.

Part #: TPH-32N (32" Handle)

Weight: 2.4 lbs.

Part #: TPH-36N (36" Handle)

Weight: 2.6 lbs.



SPIKE MAUL, 10 LB., HEAVY-DUTY

Spike Maul with non-slip, textured handle made from vibration dampening, thick rubber neck over a rugged steel core. 10 lb. steel head, 36" long handle.

Part #: 2310104U

Weight: 14 lbs.



SWITCH BROOM, METAL CAP

Metal cap switch broom for clearing rail switches of ice and debris. 8" trim length brown polypropylene, heavy duty construction with fully closed metal cap and riveted construction with chisel point and ferrule. 42" hardwood handle (56" total length), 1-1/8" diameter, 6 brooms per box.

Part #: 2310159A

Weight: 2.6 lbs.



TIE PLATE PULLER, 31"

This 31" lightweight tool is designed to safely, quickly and easily adjust the position of tie plates.

Part #: TPP-31S

Weight: 1.2 lbs.

Tie Plate Puller, 42"

Part #: TPP-42S

Weight: 1.8 lbs.

HAND TOOLS



HAMMER HANDLE PRESS

Safety First! Eliminate field injuries caused by manually removing and replacing hammer handles. This unique tool is designed to safely and easily remove and replace broken hammer handles on spike mauls and sledge hammers using a 6-ton hydraulic jack.

Part #: HHP6-IPS

Weight: 69 lbs.

JACK, HYDRAULIC, 6-TON

6-ton hydraulic jack used on HHP6-IPS Hammer Handle Press.

Part #: HHP6-IPS-01



TIE PLATE PUSHER, 48", ANGLED DUO-STUD

48" tie plate pusher/puller tool with ergonomic handle, with two plate-studs at head to adjust plate positioning.

Part #: TPP-48D



TIE PLATE PUSHER, 50", TRIPLE STUD

50" tie plate pusher/puller tool, with three studs at head to adjust positioning and two plate studs.

Part #: TPP-50T

Weight: 6 lbs.



TIE TONG, CAST ALUMINUM

Efficient lightweight design for ease of use and long term performance. Ergonomic handles and designed with removable tips.

Part #: 2310108A

Weight: 7.5 lbs.



TIE TONG, MANUFACTURED ALUMINUM

Lightweight, ergonomic aluminum tongs designed for ease of use and long term performance. Supplied with removable tips.

Part #: 2310108C

Weight: 5 lbs.



REPLACEABLE TIP, TIE TONG, 3/8"

Heat-treated, high-strength 3/8" dia. tie tong tip, complete with nut and lock washer for use with both manufactured and cast aluminum tie tongs. Discounted pricing when purchased in boxes of 12.

Part #: 2310109A

Weight: 0.2 lbs.



TIE TONG, TWO PERSON

Cast-steel timber tongs designed to move tie manually with 2 people. Measures 42" across the handles and meets AREMA Plan 8-93.

Part #: TPT-42

Weight: 15 lbs.





TRACK ADZE C/W 34" HANDLE

Track adze made from heat-treated high-carbon steel with a slip on, 34" handle. Conforms to AREMA Plan 12-07. 5 units per carton. Parts available separately.

Part #: 2310131A Weight: 6 lbs.

Replaceable Track Adze Head

Part #: 2310131A-01

Replaceable Handle, Track Adze

Part #: 2310131A-02



REPLACEABLE HANDLE, NON-SLIP, 36"

36" hickory sledge and spike maul replacement handles.

Part #: 2310102A Weight: 2 lbs.



GAUGE, TRACK TOOL MEASURING/GRINDING

Manufactured from anodized aluminum, this unique gauge measures wear on multiple common track tools to optimize worker safety.

Part #: 4464020A Weight: 1 oz.



REPLACEABLE HANDLE WEDGES

IPS supplies a number of options for securing wooden handles to tool heads. The following wedges are available:

- Part #: 2310102A-01 Wedge, Metal
- Part #: 2310102A-02 Wedge, Wood
- Part #: 2310102A-03 Round Wedge, 9/16"
- Part #: 2310102A-04 Round Wedge, 3/4"



STORAGE RACK, SPIKE MAUL/SLEDGE

A heavy-duty storage rack designed to hold spike mauls and sledge hammers. Holds up to 12 tools.

Part #: SMR-12 Weight: 60 lbs.



WRENCHES

Part#	Name	Description	Weight
2310137A	Wrench, Track, Single End, 1-1/4"	30" long single end track wrench for 1-1/4" head rail bolts. These bolts typically have 3/4" dia. and are used on 40/60 lb. rails.	16 lbs.
2310138A	Wrench, Track, Single End, 1-7/16"	36" long single end track wrench for 1-7/16" head rail bolts. These bolts typically have 7/8" dia. and are used on 85 lb. rails.	16 lbs.
2310139A	Wrench, Track, Single End, 1-5/8"	42" long single end track wrench for 1-5/8" head rail bolts. These bolts typically have 1" dia. and are used on 100/115 lb. rails.	16 lbs.
2310140A	Wrench, Track, Single End, 1-13/16"	48" long single end track wrench for 1-13/16" head rail bolts. These bolts typically have 1-1/8" dia. and are used on 136 lb. rails.	16 lbs.
2310141A	Wrench, Track, Single End, 2"	48" long single end track wrench for 2" head rail bolts. These bolts typically have 1-1/4" dia. and are used on rail frogs.	16 lbs.
2310142A	Wrench, Track, Single End, 2-3/16"	54" long single end track wrench for 2-3/16" head rail bolts. These bolts typically have 1-3/8" dia. and are used on rail frogs.	16 lbs.
2310180A	Wrench, Track, Double End, 1-5/8" & 1-11/16"	Double-end track wrench with 1-5/8" and 1-11/16" ends. Powder-coated safety yellow.	10 lbs.
2310181A	Wrench, Track, Double End, 1-11/16" & 1-13/16"	Double-end track wrench with 1-11/16" and 1-13/16" ends. Powder-coated safety yellow.	10 lbs.
2310182A	Wrench, Track, Double End, 1-13/16" & 2-3/16"	Double-end track wrench with 1-13/16" and 2-3/16" ends. Powder-coated safety yellow. Used on rail frogs.	10 lbs.
2310183A	Wrench, Track, Double End, 2" & 2-3/16"	Double-end track wrench with 2" and 2-3/16" ends. Powder-coated safety yellow. Used on rail frogs.	10 lbs.
2310184A	Wrench, Speed, Double End, 1-3/4" & 2"	Double-end 'Speed' wrench with 1-3/4" and 2" ends. Designed to fit the nuts on 1" & 1-1/8" diameter bolts which fall into the category of 100/115 lbs. and some 132 lbs. rail bolts. Powder-coated safety yellow.	10 lbs.



LOC-IT SAFETY DEVICE

The Loc-It is an innovative device designed to effectively safeguard mechanical service employees from unintended train movement while they are performing work on locomotives. This device is inserted into the reverser control. The unique, patented design of the Loc-It offers users simplicity, reliability, functionality, and above all, safety.

Part #: 2323003A

Weight: 0.25 lbs.



FLAG STAFF C/W ANCHOR

Removable 65" flag staff complete with heavy-duty anchor, for centre-mounted flags (not included).

Part #: FSA-65

Weight: 12 lbs.



FLAG STAND, COUPLER MOUNTED

Car coupler mounted sign holder with gooseneck handle to fit into coupler hole. Mounts flags with two holes @ 10-1/4" or 8" centre-to-centre.

Part #: 2310037J

Flag Stand, Coupler Mounted, Lockable

Part #: 2310037K



FLAG STAND, TIE MOUNTED

The IPS tie mounted flag stand is lightweight and measures 66" high by 29" wide. It comes equipped with a snow boot to protect the mechanism from being plugged with ice and snow. Semi-gloss black paint finish. Designed for quick and easy set-up and removal, for use with top-mounted flags.

Part #: 2310028A

Weight: 19 lbs.



FLAG STAND, TIE MOUNTED, LIGHTWEIGHT

An economical and lightweight tie mounted flag stand, designed to be used with flags with 8" centre-to-centre mounts. Designed to fold down when not in use, it may also be padlocked into either the upright or folded down position. Flags not included.

Part #: 2310028B

Weight: 19 lbs.



FLAG STAND, TEMPORARY TIE MOUNTED

Temporary tie mounted flag stands for polyvinyl flags (not included) designed to be hammered (in pairs) into rail ties until more permanent solutions can be brought to the site. (Flags sold separately).

Part #: 2310080A

Weight: 6 lbs.



RAIL MOUNTED TELESCOPIC FLAG STAND, HEAVY-DUTY

A heavy-duty rail-mounted flag stand designed for quick attachment to 115 lb. and 136 lb. rail with top-mounted steel flags. Telescoping flag arm is designed to slide into flag staff for ease of transport, and extend and fold down for flag attachment. Positioning screw at root of flag-arm allows the flag orientation to be adjusted to correct for any possible lean in the flag staff. Flags not included.

Part #: 2310037H

Weight: 14 lbs.



FLAG STAND, RAIL MOUNTED, LIGHTWEIGHT

An economical and lightweight rail mounted flag stand designed to be used with multiple flag attachments and orientations. Quick and simple to attach and remove from any 100-141 lb. rail. Designed for use with 18" x 12" flags (not included).

Part #: 2310037B

Weight: 6 lbs.



FLAG STAND KIT, RAIL MOUNTED, ALUMINUM

Full kit assembly of one blue 28" x 22" polyvinyl flag riveted onto a compact folding flag stand. This narrow rail-mounted flag stand is designed to lock onto the rail head with an innovative, compact clamping system, while the top of the flag consists of a 32" arm that can be folded down against the main staff for ease of transport. Made from lightweight aluminum the staff measures 75-3/4" high x 4" wide x 4-1/2" deep with arm folded down, x 32" with arm extended.

Part #: 2310037C-K

Weight: 7 lbs.



FLAGS & STANDS



FLAG STAND, FOLDING LIGHTWEIGHT RAIL-MOUNTED

An economical and lightweight rail mounted folding flag stand designed to be used with multiple flag attachments and orientations. Quick and simple to attach and remove from any 100 - 141 lb. rail. Designed for use with flags with 8" centres (not included).

Part #: 2310037FS

Weight: 11 lbs.



FLAGGING KIT

IPS offers a flagging kit with one red nylon-mesh flag with wooden staff. Can also hold up to six Fusees (not included). Red nylon mesh flag and staff also available separately.

Part #: 0923165A

Weight: 3.4 lbs.



FLAG STAND, RULE 42, RAILBASE MOUNTED

Rule 42 flag stand, mounted from base of rails. Folds easily for transportation and holds 21" x 30" fabric flag (not included) via side gussets.

Part #: 2310177A

Weight: 28 lbs.





FLAG ADAPTOR, FABRIC

Adaptor to mount fabric flags on IPS lightweight tie mounted flag stand, lightweight rail mounted flag stand and flag stand with anchor.

Part #: 2310037G Weight: 5.7 lbs.



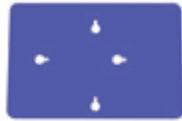
POST, U-FLANGE, 10', GALVANIZED

10' hot-dip galvanized U-flange post for signage/flags. (Signs sold separately).

Part #: 2310064A

Hardware Kit, U-flange Post

Part #: 2310064A-01



FLAG, BLUE ALUMINUM, UNIVERSAL, 18" X 12"

A reflective, blue flag made from lightweight aluminum. Double-sided and measuring 18" x 12", this flag is key-hole drilled to orient either vertically or horizontally.

Part #: 2310027UB Weight: 1 lb.



FLAG, BLUE ALUMINUM, ONE SIDED, 28" X 22"

A 22" x 28" Blue, one-sided reflective aluminum flag. Pre-punched with 2 mounting "key" holes at 8" centers.

Part #: 2310027LUB-S Weight: 3 lbs.



FLAG, BLUE POLYVINYL, 28" X 22", REFLECTIVE

Blue flag made from polyvinyl chloride with reflective "X" strips. Opened size 22" x 28", with a 2" gusset along each side. Turned over hem on top, with extra stitching on gusset ends, this flag compacts easily for storage and transport.

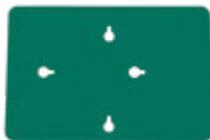
Part #: 2310027K Weight: 1 lb.



FLAG, BLUE STEEL, TOP MOUNTED, 28" X 22"

Reflective, white-bordered blue flag measures 28" wide x 22" high and is designed with rolled flange on top for quick mounting to flag stand. Durable steel construction, also available in red (2310027F) or extra-reflective (part # 2310027BX). For use with tie mounted flag stand (part # 2310028A) or rail mounted flag stand (part # 2310037A).

Part #: 2310027B Weight: 6 lbs.



FLAG, GREEN ALUMINUM, UNIVERSAL, 18" X 12"

A reflective, green flag made from lightweight aluminum. Double-sided and measuring 18" x 12", this flag is key-hole drilled to orient either vertically or horizontally.

Part #: 2310027UH Weight: 1 lb.



FLAG, GREEN POLYVINYL, 28" X 22", REFLECTIVE

Green flag made from polyvinyl chloride with reflective "X" strips. Opened size 22" x 28", with a 2" gusset along each side. Turned over hem on top, with extra stitching on gusset ends, this flag compacts easily for storage and transport.

Part #: 2310027V Weight: 1 lb.



FLAG, RED ALUMINUM, UNIVERSAL, 18" X 12"

A reflective, red flag made from lightweight aluminum. Double-sided and measuring 18" x 12", this flag is key-hole drilled to orient either vertically or horizontally.

Part #: 2310027UR Weight: 1 lb.

Flag, Red Aluminum, Universal, 18" x 12", Single Side

Part #: 2310027UR-S Weight: 1 lb.





FLAG, RED ALUMINUM, ONE SIDED, 22" X 28"

A 22" x 28" red, one-sided reflective aluminum flag. Pre-punched with 2 mounting "key" holes at 8" centers.

Part #: 2310027R



FLAG, RED NYLON MESH W/ STAFF, 18" X 18" (1)

Nylon red mesh flag measuring 18" wide x 18" high, mounted on 30" long wood flag staff.

Part #: 0923165RMF-01 Weight: 0.3 lbs.



FLAG, RED STEEL, TOP MOUNTED, 28" X 22"

A reflective, white-bordered red flag measures 28" wide x 22" high and is designed with rolled flange on top for quick mounting to flag stand. Durable steel construction, also available in blue (part # 2310027B). For use with tie mounted flag stand (part # 2310028A) or rail mounted flag stand (part # 2310037A).

Part #: 2310027F Weight: 6 lbs.



FLAG, RULE 42, YELLOW/RED

20" wide x 27" high yellow-over-red fabric flag mounted by side gussets on 2310177A Folding Flag Stands. Indicates slow for approaching full stop.

Part #: 2310177G Weight: 1 lb.



FLAG, RULE 43, GREEN

20" wide x 27" high green fabric flag mounted by side gussets on 2310177A Folding Flag Stands. Double-sided green.

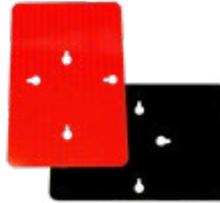
Part #: 2310179B Weight: 1 lb.



FLAG, YELLOW ALUMINUM, UNIVERSAL, 18" X 12"

A reflective, yellow flag made from lightweight aluminum. Double-sided and measuring 18" x 12", this flag is key-hole drilled to orient either vertically or horizontally.

Part #: 2310027UY Weight: 1 lb.



FLAG, RED/BLACK, ALUMINUM, UNIVERSAL, 18" X 12"

A two-colour flag with one side red and the other side black, made from lightweight aluminum. Double-sided and measuring 18" x 12", this flag is key-hole drilled to orient either vertically or horizontally.

Part #: 2310027URB Weight: 1 lb.



FLAG, RED POLYVINYL, 28" X 22"

Red flag made from polyvinyl chloride. Opened size 22" x 28", with a 2" gusset along each side. Turned over hem on top, with extra stitching on gusset ends, this flag compacts easily for storage and transport.

Part #: 2310027C Weight: 0.1 lbs.



FLAG, RULE 42, RED

20" wide x 27" high red fabric flag mounted by side gussets on 2310177A Folding Flag Stands. Indicates full stop required.

Part #: 2310177F Weight: 1 lb.



FLAG, RULE 43, YELLOW

20" wide x 27" high yellow fabric flag mounted by side gussets on 2310177A Folding Flag Stands. Black reverse side.

Part #: 2310179A Weight: 1 lb.



FLAG, RED & YELLOW ALUMINUM, 12" X 18"

A reflective, red and yellow "Conditional Stop" warning flag. Lightweight aluminum, double-sided and measuring 18" x 12". *Please note this flag orients vertically, not horizontally.

Part #: 2310027G Weight: 1 lb.

Flag, Red & Yellow Aluminum, 12" x 18", Single Side

Part #: 2310027G-S Weight: 1 lb.

SAFETY PRODUCTS



FLAG, YELLOW W/ BLACK DIAMONDS, ALUMINUM, 18" X 12"

A reflective, yellow flag with black diamonds "Clearance" warning flag. Lightweight aluminum, double-sided and measuring 18" x 12".

Part #: 2310027J Weight: 1 lb.



FLAG, YELLOW POLYVINYL, 28" X 22", REFLECTIVE

Yellow flag made from polyvinyl chloride with reflective "X" strips. Opened size 22" x 28", with a 2" gusset along each side. Turned over hem on top, with extra stitching on gusset ends, this flag compacts easily for storage and transport.

Part #: 2310027W Weight: 1 lb.



FLAG, YELLOW W/ HOLLOW DIAMONDS, ALUMINUM, 10" X 8"

A yellow flag with hollow diamond 'cut-outs', for "Restricted Clearance" warning flag. Lightweight aluminum, double-sided and measuring 10" x 8".

Part #: 2310027JX Weight: 1 lb.



FLAG, YELLOW/BLACK CHECK, AL, 20" X 20", END OF TRACK

A reflective, yellow and black check "End of Track" warning flag. Lightweight aluminum and measuring 20" x 20" square with mounting holes at 8" centers.

Part #: 2310027J-C Weight: 3.2 lbs.



FLAG, "END OF TRACK", BLACK ON WHITE, RED STRIPE BRDR

End of Track notice, black on white, superimposed over 2-1/4" red-stripe border. 20" wide x 16" high.

Part #: 2310027X Weight: 2.5 lbs.



FLAG, "END OF TRACK", WHITE ON RED, ALUMINUM, 18" X 12"

A reflective, red flag made from lightweight aluminum. Measuring 18" x 12", this flag has the words "END OF TRACK" in white, 2" high letters.

Part #: 2310027P Weight: 1 lb.



FLAG, "NO CLEARANCE", 30" X 10", REFLECTIVE

30" x 10" black aluminum "NO CLEARANCE" sign. Reflective 5" high arial font white lettering.

Part #: 2310027L Weight: 2 lbs.



FLAG, "NO RIDING OR WALKING", 30" X 10", REFLECTIVE

30" x 10" white aluminum "NO RIDING OR WALKING BETWEEN MOVING EQUIPMENT FROM THIS POINT" sign. Reflective 3" high arial font black lettering.

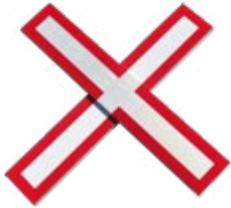
Part #: 2310027N Weight: 2 lbs.



FLAG, "POINT OF RESTRICTION", 30" X 10", REFLECTIVE

30" x 10" red aluminum "POINT OF RESTRICTION" sign. Reflective 5" high arial font white lettering.

Part #: 2310027M Weight: 2 lbs.



FLAG, RAIL CROSS BUCK, 8" X 48", REFLECTIVE

Rail Cross Buck consisting of two pieces of 8" x 48" wide aluminum with diamond-grade red border on white background..

Part #: 2310027T Weight: 6 lbs.



FLAG, STOP SIGN, OCTAGONAL, 2' X 2'

2' x 2' red, diamond-grade octagonal "STOP" sign with white lettering.

Part #: 2310027S Weight: 5 lbs.



FLAG, YELLOW DERAIL, 4" X 38-1/2"

4" wide x 38-1/2" high derail flag, with "DERAIL" logo embossed vertically down the length of the flag. Three 3/8" mounting holes.

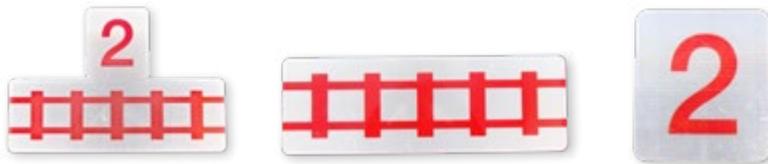
Part #: 2320027D Weight: 2 lbs.



FLAG, YELLOW DERAIL, 4" X 18"

4" wide x 18" high derail flag, engineer prism grade on lightweight aluminum, with letter "D" logo.

Part #: 2320027B Weight: 1 lb.



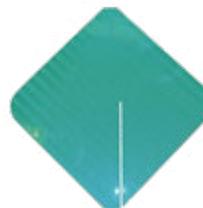
Part#	Name	Description	Weight
2320030A	Sign Kit, Number of Tracks, 2	Sign kit is composed of one 9" x 8" number flag and one 27-1/4" wide x 8" high Rail Track emblem. Signs are mounted in an inverted "T" with a rail track emblem below the number indicating the number of tracks. Red emblems in white background.	16 lbs.
2320030B	Sign Kit, Number of Tracks, 3		16 lbs.
2320030C	Sign Kit, Number of Tracks, 4		16 lbs.
2320031A	Sign, Crossing Warning, 27" x 9"	27" wide x 9" high reflective silver-white sign with red rail track emblem representing upcoming rail crossings.	16 lbs.
2310027Q	Sign, "2" Track, 8" x 9", Reflective	8" wide x 9" high reflective silver-white sign with red number. Used to indicate upcoming number of track crossings.	16 lbs.
2310027Q-3	Sign, "3" Track, 8" x 9", Reflective		16 lbs.
2310027Q-4	Sign, "4" Track, 8" x 9", Reflective		10 lbs.



TARGET, GREEN ALUMINUM, SQUARE 8" X 8"

A high-intensity reflective square green flag made from lightweight aluminum. 8" high x 8" wide, used primarily for sidings and yards. Used in conjunction with yellow circle flag/target 2320027A-01.

Part #: 2320027A-02 Weight: 1 lb.



TARGET, GREEN REFLECTIVE, 11" X 11"

An 11" x 11" green reflective target complete with pre-cut slit and mounting holes. Used in conjunction with a yellow target (part # YT11).

Part #: GT11 Weight: 1 lb.

SAFETY PRODUCTS



MARKER, TRACK CLEARANCE, ORANGE

Orange track clearance marker made from highly visible, flexible urethane to indicate maximum cart positioning without fouling converging tracks.

Part #: 2320028A

Weight: 2.8 lbs.

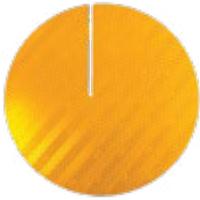


MARKER, TRACK CLEARANCE, YELLOW

Part #: 2320029A

Weight: 2.8 lbs.

FLAGS & STANDS



TARGET, YELLOW ALUMINUM, CIRCLE 8"

A high-intensity reflective yellow circle flag made from lightweight aluminum. 8" diameter, used primarily for sidings and yards. Used in conjunction with square green flag/target 2320027A-02.

Part #: 2320027A-01

Weight: 1 lb.



TARGET, YELLOW ALUMINUM, SQUARE 8" X 8"

A high-intensity reflective square yellow flag made from lightweight aluminum. 8" high x 8" wide, used primarily for sidings and yards.

Part #: 2320027A-03

Weight: 1 lb.



TARGET, YELLOW ALUMINUM, OVAL 18" X 15"

A high-intensity reflective yellow oval flag made from lightweight aluminum. 18" high x 15" wide, used primarily for sidings and yards.

Part #: 2320027A

Weight: 1.5 lbs.



TARGET, YELLOW REFLECTIVE, 11" X 11"

An 11" x 11" yellow reflective target complete with pre-cut slit and mounting holes. Designed to be used with green target (part # GT11).

Part #: YT11

Weight: 1 lb.



MAST EXTENSION, SWITCH STAND, 10"

A shortened version of our mast extension (part # 2360023A) for a switch stand. 10" total length, 7/8" x 7/8" bar, painted flat black.

Part #: 2360023B

Weight: 2 lbs.



Mast Extension, Switch Stand, 19"

Part #: 2360023A

Weight: 4 lbs.



FUSEE KIT

Full kit for emergency lighting. Four highway flares (or fusees) with butt spikes, each designed for 20 minute red illumination. Comes in a durable, 2-1/2" diameter x 18" long, screw-top plastic canister that fits four fusees. Canister comes with a mounting bracket so that the emergency fusee kit can be mounted in vehicles where desired to keep the kit readily at hand or out of the way of other tools. Components also available separately.



Part #: 0923175A (Full Kit)

Weight: 2.9 lbs.

Fusees

Part #: 2720

Weight: 0.5 lbs.

Fusee Container

Part #: S-300

Weight: 0.84 lbs.



FLAGGING/FUSEE STORAGE KIT

Red metal tool-box containing a variety of emergency warning tools. Included are: 4 red flags with staves, 2 D-cell flashlights, 6 D-cell batteries, and 1 waterproof whistle. Does NOT include fusees.

Part #: 0923187A



DERAILS

Heavy-duty hinged and lockable derails in the following rail profiles:

Derail, Bidirectional Hinged, 112-1141 lbs.	Part #: 2310163A	Weight: 150 lbs.
Derail, Bidirectional Hinged, 70-110 lbs.	Part #: 2310162A	Weight: 150 lbs.
Derail, Heavy Duty Hinged, 112-141 lbs., Left	Part #: 2310160A	Weight: 150 lbs.
Derail, Heavy Duty Hinged, 112-141 lbs., Right	Part #: 2310160B	Weight: 150 lbs.
Derail, Heavy Duty Hinged, 70-110 lbs., Left	Part #: 2310161A	Weight: 150 lbs.
Derail, Heavy Duty Hinged, 70-110 lbs., Right	Part #: 2310161B	Weight: 150 lbs.



DERAIL, LOW PROFILE, 80-141 LBS., LEFT

Left hand lockable low-profile derail suitable for 80-141 lbs. rail. Profile sits 2-3/4" above rail. Staff (PDF-LP) and "Derail" flag (PD-1B-IPS) not included.

Part #: PD-6L Weight: 45 lbs.

Derail, Low Profile, 80-141 lbs., Right

Part #: PD-6R Weight: 45 lbs.



DERAIL FLAG, BLUE

Blue and white derail flag for portable and hinged derails.

Part #: PD-1B-IPS Weight: 1 lb.

Derail Flag, Red

Part #: PD-1R-IPS Weight: 1 lb.

Derail Flag, Yellow

Part #: PD-1Y-IPS Weight: 1 lb.



PORTABLE DERAIL FLAG STAFF

48" Flag staff for the PD-1-IPS portable derail.

Part #: PD-1A-IPS Weight: 7 lbs.



PORTABLE DERAIL FLAG STAFF, PD-4 & PD-5

48" Flag staff for the PD-4 and PD-5 portable derails

Part #: PDF-LP Weight: 5.5 lbs.



STAFF, HEAVY DUTY DERAIL FLAG

Flag staff for the heavy duty lockable derails 2310160A & B and 2310161A & B.

Part #: 2310160C Weight: 4 lbs.



PORTABLE DERAIL WEDGE W/ CHAIN

Replacement wedge with chain for portable derailers.

Part #: PD-1W-IPS Weight: 12 lbs.

SAFETY PRODUCTS



BATTERY SWITCH LOCKOUT "BLOC-OUT"

An innovative, positive lockout system developed by IPS that will prevent a locomotive battery knife switch from being engaged while electrical/mechanical repairs are being performed.

Part #: 2323007A Weight: 5 lbs.



BRACKET, FIRE EXTINGUISHER

Vehicle mounted holder for fire extinguisher packs.

Part #: 2223260A Weight: 22 lbs.



CHAIN LINK, WALKWAY

Walkway chain links made from 1/8" diameter stainless spring-steel wire. 1-7/16" id, 2-1/2 coil.

Part #: 2223177A Weight: 0.05 lbs.

CLAMP, SWITCH POINT



Switch point clamp for locking rail switches in place on standard rails of 85-140 lbs. Used to prevent accidental opening of switch points. Can accommodate a standard padlock (not included).

Part #: 2323010A Weight: 9 lbs.



PIN, SWITCH LOCK

Securing switch lock pin with attached chain for locking gates or doors. Six holes for variable length securing points, painted safety yellow for visibility.

Padlock not included.

Part #: 2360024A Weight: 0.2 lbs.



LOCK-OUT DEVICE, COUPLING, "COUP-LOCK"

Device to prevent uncoupling of cars by prohibiting coupler handles from being released.

Part #: 2323015A Weight: 2 lbs.



LIGHT, SMALL LED, AMBER

Amber LED light with 4 LED bulbs complete with magnet and carrying strap. Two modes: steady burn and flashing. Double AA batteries not included.

Part #: MR-25A Weight: 0.3 lbs.

Replacement Lens, Amber, Small

Part #: MR-25A-L

Light, Small LED, Blue

Part #: MR-25B Weight: 0.3 lbs.

Replacement Lens, Blue, Small

Part #: MR-25B-L



Light, Small LED, Red

Part #: MR-25R Weight: 0.3 lbs.

Replacement Lens, Red, Small

Part #: MR-25R-L



HOOK, SWITCH STAND W/ CHAIN, 18"

Switch stand hook assembly comprised of two "S" hooks connected with 18" of chain. Safety painted yellow.

Part #: 2360022A Weight: 1.2 lbs.



LIGHT, LARGE LED, BLUE

A 5-1/2" high, 360 degree blue light with 4" diameter magnetic base. 16 LEDs illuminate a diamond grade lens in four light settings: single, triple, steady, and rotating flash patterns. "D" size batteries not included.

Part #: 2310048A Weight: 1.0 lb.

Light, Large LED, Red

Part #: 2310048B Weight: 1.0 lb.



LEG GUARD "SPARTAN"

Heat-resistant split cowhide leather shin guard with rigid safety reinforcement for spark and abrasion protection with heavy canvas inner lining. Designed for lower-leg protection for welding and rail support work, or any tasks where light deflection is required. Right and left guards included in each set of two.

Part #: 0923250A

Weight: 3.4 lbs.



LIGHT, OCTAGONAL, BLUE

8-1/2" high bi-directional blue lights with 4" diameter magnetic base. Photocell option allows light to turn on automatically in low-light conditions. "D" size batteries not included.

Part #: 2310068A

Weight: 1.5 lb.

Light, Octagonal, Red

Part #: 2310068B

Weight: 1.5 lb.

Light, Octagonal, Yellow

Part #: 2310068C

Weight: 1.5 lb.



LIGHT, MULTI-COLOUR WAND

15" tall multi-colour light wand with red, green, blue and clear colour filters. 2 "D" cell batteries required (not included).

Part #: 2310098A

Weight: 2 lbs.

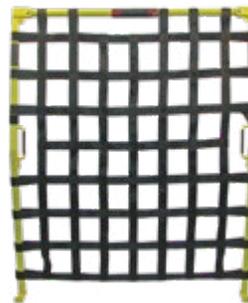


RESTRAINT, SLIDING ANCHOR FALL

Sliding rail anchor designed for fall restraint and arrest for railroad bridge personnel. This durable device is compliant with all CSA regulations, has a working load of 310 lbs., and is usable on rail profiles from 85-141 lbs. Comes with locking carabiner.

Part #: 0923178A

Weight: 5lbs.



SAFETY FALL RESTRAINTS

This important safety device prevents the worker from falling over the handrail while working on an elevated platform. Manufactured from high-strength aluminum with a powder coated finish, this device sets up easily and is transportable and stored in a convenient carrying case.

Part #: 0923147A

Weight: 35 lbs.



CHAIN, WALKWAY SAFETY, 24"

24" safety chain with snap link, eyebolt, and repair links and plastic tube cover.

Part #: 261800

Weight: 0.5 lbs.

SAFETY PRODUCTS

WHEEL CHOCKS

CAR STOP, HINGED, LEFT

Lockable hinged car stop, left hand, for 85-141 lbs. rails. Car stops are bolted through rail webs, and may be padlocked in either the upright or lowered position (outside the track). Always user in pairs (with 2310168R).

Part #: 2310168L

Car Stop, Hinged, Right

Part #: 2310168R



WHEEL CHOCK, CAR STOPPER, URETHANE

Bring slow-moving car to a stop by thrusting urethane wedge several times in front of the car wheel. With each thrust, some of the forward momentum is absorbed. The wedge will hold the wheel temporarily until a steel wheel chock can be installed. A useful means of car control when moving freight cars with a car puller.

Part #: WCCS-U11

Weight: 6 lbs.



WHEEL CHOCK, SINGLE STEEL, W/ FLAG

A steel single wheel chock with 10" x 8" safety flag, for exposed or flush rail. 48" long maneuvering handle with additional lift handle. Safety yellow paint finish.

Part #: WCS-A14

Weight: 16 lbs.

Part #: WCS-A14F (Flush)

Weight: 16 lbs.



REPLACEMENT SPUR, WHEEL CHOCK

Replacement spur for wheel chocks, 1/2" square x 2-1/2" long. Two units usually needed per chock.

Part #: WCS-6008

Weight: 0.25 lbs.

WHEEL CHOCK ASS'Y

This steel wheel chock is designed with a steel frame and rubber chocking sections. Measures 34" wide x 40" long.

Part #: 2310041A

Weight: 10 lbs.



WHEEL CHOCK, SINGLE

Single steel wheel chock for exposed rail.

Part #: WCS-4011-09



WHEEL CHOCK, DOUBLE STEEL

Paired steel wheel chocks for use on exposed or flush rails. 15" long handles on each chock for positioning and removal. Safety yellow paint finish.

Part #: WCD-A12

Weight: 12 lbs.

Part #: WCD-A12F (Flush)

Weight: 12 lbs.



WHEEL CHOCK, DOUBLE URETHANE, EXPOSED

Paired heavy-duty urethane "Spark Proof" wheel chocks for chocking freight cars and locomotives on exposed rails. 4" high chocks with two 24" long handles on each chock for positioning and removal. Safety yellow paint finish.

Part #: WCD-U24

Weight: 9 lbs.



WHEEL CHOCK, DOUBLE STEEL, W/ FLAG

A steel double wheel chock with chain and flag. 28" long maneuvering handle, and 10" x 8" safety flag on flag-chock. Safety yellow paint finish.

Part #: WCD-A16

Weight: 16 lbs.

Part #: WCD-A16F (Flush)

Weight: 16 lbs.





HATCH COVER, NON-VENTED

10-20" diameter hatch cover, non-vented, for Trinity Railcars.

Part #: RSAHC20TR

Weight: 12 lbs.



HATCH COVER, VENTED

6-20" diameter hatch cover, vented, for Trinity Railcars.

Part #: VHXS98TR

Weight: 11 lbs.



HOPPER DOOR /W WELDED GATE RACKS

IPS manufactures fabricated steel hopper doors in several sizes and styles. Supplied with welded racks and manufactured to OEM standards. Grey primer finish.

Part #: AEX-116-IPS



HOPPER DOOR W/ STOPS & RUBBER WIPERS

Gate rack with stops and rubber wipers. 49-3/4" x 30-5/8". Grey primer finish.

Part #: SHPX-116-IPS



HOPPER GATE RACK W/ STOP, AEX

Cast steel gate rack, with stops, for an AEX Hopper gate. 16-1/2" x 2-3/4". Grey primer finish.

Part #: AEX-118-IPS



HOPPER GATE RACK W/O STOP

Gate rack without stops for a hopper car. 23-1/2" x 3-3/4". Grey primer finish.

Part #: 2CH331-IPS



HOPPER GATE RACK W/O STOP, AEX

Cast steel gate rack, without stops, for an AEX Hopper. 16-1/2" x 2-3/4". Grey primer finish.

Part #: AEX-119-IPS



HOPPER CAPSTAN, AEX

Capstan for an AEX Hopper gate. Grey primer finish.

Part #: AEX-120-IPS



HOPPER CAPSTAN, HANDLE OPERATING, W/ CAM

Hopper capstan for Autolok 2 with handle operated cam.

Part #: MKE-10080



HOPPER PINION GEAR, AEX

Pinion gear for an AEX Hopper gate. Grey primer finish.

Part #: AEX-123-IPS



HOPPER PINION GEAR

Pinion gear for a hopper gate (part # 2CH331-IPS). Grey primer finish.

Part #: OCH32-IPS



SOCKET, HOPPER DOOR

1-1/2" driver 6" total length. Width from 1" to 1-1/2" at a depth of 4". This is important as many cars only allow a 4" insertion. This bit has retaining holes on both axes to accommodate all makes of door openers that use the 1-1/2" square drive.

Part #: 0808134A



SOCKET ADAPTER, HOPPER DOOR

1" female to 1-1/2" male socket adapter for Hopper Door drives.

Part #: 0808135A



WRENCH, HOPPER HAMMER

Hammer wrench to loosen hopper gates that have become stuck closed.

Part #: 0808155A

Weight: 7.7 lbs.

LOCOMOTIVE, CAR, PASSENGER



CAR MOVER, HEAVY DUTY

A heavy-duty, cast steel hand tool designed to move freight and rail cars. An elongated toggle directs leverage to maximize horizontal thrust.



Part #: 2310147A

Weight: 20 lbs.



DRAW BAR ALIGNMENT TOOL

This special alignment bar enables a "Car Man" to realign draw bars that have been replaced or have been knocked out of alignment. 39" long knurled aluminum handle.



Part #: 2310038A

Weight: 8 lbs.



HOOK, BRAKE SHOE

Brake shoe hook for safely removing brake shoes from underneath locomotive cars.

Part #: 0923182A

Weight: 1.5 lbs.



PRY BAR, BRAKE PIN REMOVAL, 29"

A 29" long, high-carbon steel bar designed for effective removal of locomotive brake pins.

Part #: 0923118A

Weight: 7.4 lbs.

Pry Bar, Brake Pin Removal, 48"

Part #: 0923118B

Weight: 11 lbs.



SPRING SUPPORT TOOL SET

Spring support tool set; this device holds the truck spring and associated hardware in place to allow removal of the journal box. 4 pcs. per set.

Part #: 0923120A

Weight: 28 lbs.



COTTER PIN REMOVER (SLIDE HAMMER)

80" long, hook tip slide hammer for removing cotter pins and securely lodged clips from hard to reach locations. Painted black.

Part #: 2310029A

Weight: 20.4 lbs.



PUNCH, COTTER PIN REMOVAL

This unique cotter pin remover tool was designed by IPS for removing cotter pins from hard to reach spots or to simplify the removal of stubborn pins. Available in 13", 16", and 60".

Part #: 2310001A (13")

Weight: 1.6 lbs.

Part #: 2310001B (16")

Weight: 2 lbs.

Part #: 2310001C (60")

Weight: 8 lbs.



HANDHOLD STRAIGHTENING TOOL

This reliable maintenance tool is designed to straighten and bend handholds back into their correct position for safe and simple repair in the field or yard. 36" long handle for maximum leverage and knurled handle offers secure grip.

Part #: 2310046A

Weight: 25 lbs.



PRY BAR, BUCKEYE PIN RELEASE

Prybar designed for the release in-place of Buckeye pins. 65" long.

Part #: 2310058A

Weight: 23 lbs.



PRY BAR, SHOE, 35"

A multi-use high-carbon steel prybar, primarily designed to free stuck shoes.

Part #: 2310057A

Weight: 6.23 lbs.

Pry Bar, Brake Shoe, 42"

Part #: 2310015A

Weight: 7 lbs.



BOX, SBU CARRIER

SBU storage boxes are an ergonomic solution to accommodating 3 different styles of SBU's (sense and brake units) for attachment to the rear of a locomotive. Manufactured from heavy gauge powder coated steel for durability and long term performance.

Part #: 0923144A Weight: 52 lbs.



BRACKET, LOCOMOTIVE KNUCKLE HOLDER

Locomotive knuckle holder bracket fabricated from molded steel, 12-1/2" wide x 12" high x 4" deep, painted black. (Second photo includes part # 0923145A-01.)

Part #: 0923145A
Weight: 20 lbs.



PIN, KNUCKLE HOLDER BRACKET, 1-1/2" X 14-3/4"

1-1/2" diameter x 14-3/4" long locomotive knuckle holder bracket pin for GE locomotives. 3-1/2" diameter shoulder, pin comes complete with locking pivot bar and securing chain.

Part #: 0923145A-01 Weight: 9 lbs.



COLLECTOR RING REPAIR

IPS refurbishes damaged locomotive collector rings to new condition. A typical repair includes disassembly and cleaning, re-machining, inspection and replacement of damaged segments, replacement of hardware, re-assembly, and packaging. 9-1/2" diameter and 11" diameter available.

Part #: 8351020 (9-1/2" Diameter) Weight: 35 lbs.
Part #: 8345866 (11" Diameter) Weight: 84 lbs.



HOLDER, CREW PACK

A manufactured, welded storage unit for carrying crew packs or other small field supplies. Overall dimensions 9-3/4" x 7" x 4-1/2", with two holes for mounting bolts. Powder coated black.

Part #: 0923154A Weight: 8 lbs.



HANGER, CAPTAIN HOOK

Also known as a "Pig Tail" hook, this 3-3/4" diameter steel coil is dipped in black rubber. Each unit has a 1" welded connector ring and is supplied with a 1/4" zinc plated threaded quick link.

Part #: 0923168A Weight: 0.4 lbs.



HOOK & EYE LATCH

These plated hook & eye latches are designed for locomotive toilet door interiors.

Part #: 2223187A Weight: 0.15 lbs.



PIN, SLACK ADJUSTER KEEPER, 5/8" X 2-23/32"

5/8" diameter x 2-23/32" long slack adjuster keeper pin used on GM locomotives. Heat treated to 49 RC.

Part #: 2223154A Weight: 0.3 lbs.



PIPE, SAND, 30° BEND

1" x 16" Schedule 80 pipe with a 30° bend, case hardened to .040 deep, for delivering sand for locomotives.

Part #: 2223130A Weight: 2.25 lbs

Pipe, Sand, 45°

Part #: 2223130B Weight: 3.7 lbs.

Pipe, Sand, Curved

Part #: 2223131A Weight: 2.32 lbs.

Pipe, Sand, w/ Washer

Part #: 2223130C Weight: 4.4 lbs.



SAND CAR DISCHARGE Y-PIPE, SS

30" wide x 19-13/16" high stainless steel Y-Pipe used on sand cars. Rubber lined and with victualic seals at each port.

Part #: 0806138A Weight: 51.5 lbs.

LOCOMOTIVE, CAR, PASSENGER



SAND CAR CONNECTOR Y-PIPE

Connector Y-Pipe for sand cars with reduction channel for sand cars. Attaching end has a 9" od ring with 12 bolt slots, welded to a 5-9/16" od pipe that narrows to a 3-1/2" id pipe with a 5-9/16" od ring with four bolt holes.

Part #: 0806138C Weight: 42 lbs.



SAND CAR REDUCER Y-PIPE

Connector Y-Pipe for sand cars with reduction channel for sand cars. Attaching end has a 9" od ring with 12 bolt slots, welded to a 5-9/16" od pipe that narrows to a 3-1/2" id pipe with a 5-9/16" od ring with four bolt holes.

Part #: 0806138B Weight: 42 lbs.



SAND CAR VICTAULIC Y-PIPE

Victualic Y-Pipe connector for sand cars. Attaching end has a 9" od ring with 12 bolt slots, welded to a 5-9/16" od pipe with a victualic ring groove.

Part #: 0806138D Weight: 30 lbs.



SAND TOWER Y-PIPE, 3"

3" id case hardened and hot dip galvanized Y-pipe for transferring sand in sand towers.

Part #: 0806089A Weight: 19 lbs.

Sand Tower Y-Pipe, 3", SS

Part #: 0806089C

Sand Tower Y-Pipe, 4", SS

Part #: 0806089D

Sand Car Straight Pipe, 5"

Part #: 0806138F

T-PIPE, SAND HOPPER, STAINLESS STEEL

4-1/8" diameter x 11-1/2" long stainless steel pipe mounted on a 10" diameter cylinder with eight 1/2" x 3-1/2" hex cap bolts with locknuts.

Part #: 0806072B Weight: 18.75 lbs.



T-PIPE, SAND CAR DISCHARGE, SS

26" high x 27-1/2" wide rubber-lined stainless steel T-pipe for unloading sand cars. 3" id pipe with 6" od flanges at each end.

Part #: 0806138E Weight: 36 lbs.



SAND PIPE, \"CANDY CANE\"

41" long, 1-1/8" id schedule 40 steel \"Candy Cane\" sand pipe, with 17-1/4" diameter 180° reinforced curve.

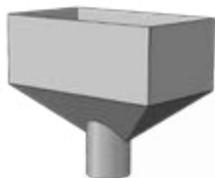
Part #: 0806135A Weight: 6 lbs.



SIGHT GLASS, SAND CAR UNLOADING

4-1/2" diameter cast acrylic sight glass for monitoring sand car unloading. 12" long.

Part #: 0806073A Weight: 2 lbs.



FUNNEL, SAND

20" x 12" x 18" Aluminum sand funnel for locomotives.

Part #: 0806145A Weight: 11.6 lbs.



PLATE, STOP

3-1/2" long x 2-1/2" wide x 3/16" steel stop plate used on the uncoupling lever assembly on GM locomotives.

Part #: 261683 Weight: 0.32 lbs.



ROD, UNCOUPLING, LOWER LH

Lefthand front lower uncoupling rod assembly for GM locomotives.

Part #: 261669 Weight: 12 lbs.

Rod, Uncoupling, Lower RH

Part #: 261652 Weight: 12 lbs.



ROD, UNCOUPLING, UPPER LH

Lefthand front upper uncoupling rod assembly.

Part #: 261702 Weight: 13.4 lbs.

Rod, Uncoupling, Upper RH

Part #: 261690 Weight: 13.4 lbs.



SUN VISOR ASS'Y

IPS manufactures long-lasting sun visor assemblies for locomotives. Measures 18" long x 9" wide. Replacement visors available.

Part #: 0923121B

Weight: 3 lbs.



TOILET ASS'Y

This recirculating toilet assembly is designed to suit GM locomotives.

Part #: 103900

Weight: 25.2 lbs.



TOILET SEAT, BUMPER & HINGES

This kitted part contains one toilet seat and bumper, one left and one right hand hinge for a recirculating toilet.

Part #: 35778

Weight: 2.8 lbs.



TOILET COVER, MOM SWITCH & MOTOR

This kitted item contains the MOM switch and motor cover for the Electra Magic Model 80 recirculating toilet.

Part #: 35777

Weight: 0.4 lbs.



TOILET FLANGE SEAL

Locomotive toilet flange seal for the Electra Magic Model 80 recirculating toilet.

Part #: 33364

Weight: 0.08 lbs.



TOILET PUMP & MOTOR ASS'Y

This kitted item includes one pump assembly and one pump motor for the Electra Magic Model 80 recirculating toilet.

Part #: 35774

Weight: 2.8 lbs.



TOILET DEFLECTOR/BAFFLE, STRAIGHT

Stainless steel baffle deflector assembly for railcar toilets. Straight sleeve can be easily mounted in place with tapered installation tool # 0923146A-01.

Part #: 0923146A

Weight: 1 lb.



TOILET DEFLECTOR/BAFFLE INSTALLATION TOOL, STRAIGHT

Precision laser-cut aluminum installation tool for toilet baffle deflectors. This tool is for the sleeve of the straight toilet baffle (part # 0923146A).

Part #: 0923146A-01

Weight: 0.2 lbs.



TOILET DEFLECTOR/BAFFLE, TAPERED

Stainless steel baffle deflector assembly for railcar toilets. Tapered sleeve can be easily mounted in place with tapered installation tool # 0923143A-01.

Part #: 0923143A

Weight: 1 lb.



TOILET DEFLECTOR/BAFFLE INSTALLATION TOOL, TAPERED

Precision laser-cut aluminum installation tool for toilet baffle deflectors. This tool is for the sleeve of the tapered toilet baffle (part # 0923143A).

Part #: 0923143A-01

Weight: 0.2 lbs.



WRITING TABLE, CONDUCTOR'S

Almond powder-coated writing table, complete with hinged bracket to fold table against wall when not in use. 14-1/4" x 18-1/4" writing surface. Prepackaged in quantities of 2.

Part #: 2223186A

Weight: 13 lbs.

LOCOMOTIVE, CAR, PASSENGER

SEATS



SEAT ASS'Y, LOW BACK SWITCHER

Low back switcher seat with mid-back support complete with dual lever reclining function and adjustable arm rests. 9" double locking tracks and black industrial covering material. 28" tall back.

Part #: 2223500A



SEAT ASS'Y, ULTRA-LOW BACK SWITCHER

Ultra-low back switcher seat with low-back support complete with dual lever reclining function and adjustable arm rests. 9" double locking tracks and black industrial covering material. 23" tall back.

Part #: 2223501A



SEAT ADAPTER PLATE

Seat adapter plate for "Switcher" seats 2223500A and 2223501A.

Part #: 2223502A

Weight: 7.5 lbs.

PASSENGER/FREIGHT PARTS



ADAPTER HOUSING, MWX WHEEL

MWX wheel adapter housing for the slide sensor on Timken journal housings.

Part #: 326531

Weight: 25 lbs.



BAR, BALLAST CAR DUMP, SMOOTH

43" long, 1-1/4" diameter ballast car dump bar with 30 degree bend.

Part #: 2310049B

Weight: 15 lbs.



BAR LADDER, UPPER BERTH BEDROOM

12" long steel upper berth bar ladder for passenger cars. Four 3/16" mounting holes.

Part #: 412745

Weight: 0.5 lbs.

BAR, BALLAST CAR DUMP, GRIP

Ballast car Dump Bar with gripping beads.

Part #: 2310049A

Weight: 15 lbs.



BUSHING, PASSENGER, 1-3/4", RUBBERIZED

1-3/4" od x 1" long durable vulcanized duro-neoprene bushings mounted over 1-1/4" od, 1" id x 1" long steel bushing insert.

Part #: 404206

Weight: 0.15 lbs.



BRACKET, CAR CARRIER, LH

Car carrier bracket designed to reinforce car structures for stacking.

Part #: 0806093A

Weight: 13.5 lbs.

Bracket, Car Carrier, RH

Part #: 0806092A

Weight: 13.5 lbs.



CLAMP, CHEVRON RETAINING

3" wide x 2-1/2" high steel chevron cushion spring retaining clamp with one 7/16" hole. Used on express truck assemblies and passenger cars.

Part #: 0666103A

Weight: 0.11 lbs.



CURTAIN HOOK

Curtain hook made from T-304 stainless steel and dipped in black rubber.

Part #: 338346

Weight: 0.03 lbs.



ELBOW CATCH, CUPBOARD

Cupboard elbow catch for holding the sink table open on Hep cars made of stainless steel.

Part #: 0666115A Weight: 0.1 lbs.



ELBOW CATCH, TOILET SEAT COVER

Spring-hinged toilet seat cover catch elbow for toilet seats on passenger cars.

Part #: 438011 Weight: 0.07 lbs.



HOLDER, VESTIBULE SAFETY BAR, LOWER

Lower vestibule safety bar holder for passenger car.

Part #: 0666127A Weight: 0.7 lbs.



HOSE, FLEXIBLE BRAKE, 17", W/ BLEEDER VALVES

This 17" flexible brake hose comes complete with glad-hands at each end and bleeder valves. Sometimes also known as a "Hose Bag".

Part #: FBH-17B-IPS Weight: 8.4 lbs.



HOSE, FLEXIBLE BRAKE, 26-3/4", OFFSET

This 26-3/4" Flexible Brake Hose with 1-3/8" id comes complete with one glad-hand at a 15° offset at one end and a male threaded mount at the other. Variation of a device sometimes known as a "Hose Bag" (part # FBH-17B-IPS).

Part #: FBH-27-IPS Weight: 12 lbs.

Hose, Flexible Brake, 37-3/4", Offset

Part #: FBH-38-IPS Weight: 15 lbs.

Gasket, Gladhand

Replacement rubber gasket also available.

Part #: FBH-G Weight: 0.02 lbs.



LEVER, FLOATING BRAKE, FREIGHTCAR

1" thick x 3" x 15" alloy steel floating brake lever for box cars. Three 1-1/8" holes and one 29/32" hole.

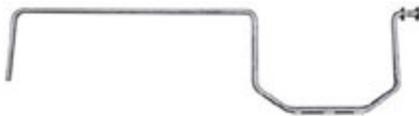
Part #: 0806037A Weight: 11.14 lbs.



LEVER, OPERATING, 70-1/2"

70-1/2" long operating lever. 21-3/4" offset.

Part #: 0806088A Weight: 26 lbs.



LEVER, OPERATING, 74-3/8"

74-3/8" long control operating lever. 18" offset.

Part #: 0806078A Weight: 27 lbs.



PIN, FREIGHTCAR, 1-3/4" X 16"

1-3/4" diameter x 16" long center pin for freightcars, with heavy chamfers on both ends.

Part #: B-50-C-256 Weight: 11 lbs.



PLATE, SPLICE, 12-1/2"

5" wide x 12-7/16" long (overall) x 3/8" thick splice plate for freight cars.

Part #: 0806044A Weight: 5.6 lbs.



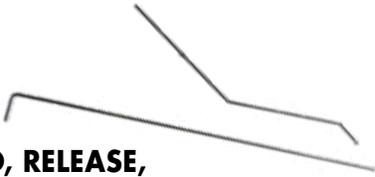
PLATFORM, DOOR ROLLER

17-1/4" wide x 10-1/4" deep x 14-3/8" high door roller platform.

Part #: 0808154A Weight: 33 lbs.

LOCOMOTIVE, CAR, PASSENGER

The total area of contact between train wheels and rail is little longer than one silver dollar.



ROD, RELEASE, 53-1/8"

53-1/8" bare metal Release Rod (with rod eye). This rod comes in 2 parts.

Part #: 0808110A

Weight: 7.2 lbs.



ROD, AB RELEASE, 72"

1/2" diameter 72" long A.B. release rod with 5/16" id welded rod eye.

Part #: 0808112A

Weight: 9.8 lbs.



ROD, MATTRESS, 22"

22" Mattress rod for passenger cars.

Part #: 461714

Weight: 0.5 lbs.

Rod, Mattress, 33"

Part #: 461718

Weight: 0.7 lbs.



SHIM, COUPLER WEAR PLATE, 3/8"

3" x 13" x 3/8" coupler wear plate shim.

Part #: 0806122A

Shim, Coupler Wear Plate, 5/16"

Part #: 0806121A

Shim, Coupler Wear Plate, 1/4"

Part #: 0806120A



SPRING, CART DIAPHRAGM

This conical, heavy-duty 5/16" cart diaphragm spring is used in the repair and maintenance of passenger car diaphragms.

Part #: 439214-IPS

Weight: 1.6 lbs.



WEAR PLATE, BUCKEYE COLUMN

Manufactured from abrasion resistant steel, these durable plates measure 5-1/2" wide, 10" long x 3/8" thick with a 1-1/4" long leg.

Part #: 3999283

Weight: 6 lbs.



CUSTOM CARTS

IPS designs and manufactures customized rail carts complete with checker plate decking, wheel assemblies, oscillating axles, pintle hitches, D Rings, braking systems with glad hands, and safety yellow paint finish. Check out some examples of our work, and if you don't see what you need — Call Us! We love to work out how to create the perfect fabrications for unusual tasks.



CART, "BADGER" RAIL TRANSPORT W/O BRAKES

20,000 lbs. WLL "Badger" rail transport cart with 16" insulated wheels and draw bar lugs. 47-1/4" long x 64-1/2" deck with 60" wide pivoting support cradle on heavy-duty swivel rollers. (For model with brakes use part # CBRT-20B-IPS).

Part #: CBRT-20-IPS Weight: 1,890 lbs.

CART, "BADGER" RAIL TRANSPORT W/BRAKES

Comes with service/parking air brakes.

Part #: CBRT-20B-IPS Weight: 1,931 lbs.



CART, FLATBED, 5-TON, WOOD DECK

Flatbed cart with wooden deck and 5-ton capacity. Four 28" demountable pressed wheels.

Part #: CFB-5W-IPS

CART, JIB CRANE

IPS manufactures engineered Jib Crane Carts with certified working load limits to allow for a wide range of on-track work. IPS carts can be supplied with insulated or non-insulated wheels and braking systems. IPS specializes in manufacturing customized carts with a wide range of load capacities.

Part #: CJC-IPS Weight: 1200 lbs.



CART, LIGHTWEIGHT UTILITY

One of the lightest carts available from IPS, the Lightweight Utility Cart is one of the great answers to rail maintenance and utility. With a 43-3/4" wide x 41" long expanded metal deck, this cart boasts a 1,000 lbs. weight load limit, running easily on 5" aluminum wheels with a 30" wheel base. Two D-Rings are provided, and the lightweight design allows this part to be positioned on, and removed from tracks by hand. 62-1/2" overall width and 7-5/16" height above rail.

Part #: CLU-IPS Weight: 170 lbs.



CART, HEAVY-DUTY UTILITY

This IPS Heavy-Duty Utility Cart has a 66" wide x 72" long checker-plate deck (84" overall length). Cart has six 3-1/2" "D" rings, draw bar lugs, and 10" diameter steel alloy wheels. 10,000 lbs. capacity, painted John Deere yellow.

Part #: HDUC-IPS Weight: 1200 lbs.

CART, LIGHTWEIGHT UTILITY, ALUMINUM

Lightweight utility cart with aluminum frame and 5" cast aluminum wheels. Six 1/4" D-rings on a 41" long x 53-3/4" wide expanded metal deck. WLL 1,000 lbs. 63-3/16" overall width, for 56-1/2" gauge track.

Part #: CLU-AL-IPS Weight: 82 lbs.

CARTS



RAIL BUGGY, LIGHTWEIGHT COLLAPSIBLE, W/ 5" OR 8" WHEELS

This conveniently collapsible rail buggy boasts a 5,000 lbs. capacity. 46" x 45", this cart is available with 5" diameter (CRB-IPS) or 8" diameter (CRB-IPS-8) aluminum wheels, with a single push rail. Folds up for efficient storage and transport.

- Part #: CRB-IPS (5") Weight: 175 lbs.
- Part #: CRB-IPS-8 (8") Weight: 180 lbs.



Custom Linked CRB-IPS Carts

RAIL BUGGY, SUPER-LIGHT COLLAPSIBLE

This collapsible aluminum rail buggy boasts a 5,000 lbs. capacity. 50" long x 63-1/2" wide, it runs on 5" diameter insulated aluminum wheels for 56-1/2" gauge rail. The cart can be moved from either end with the moveable push rail and the entire assembly folds up for efficient storage and transport. Parking brakes at both ends provide safety during loading and unloading.

- Part #: CRB-SL-IPS Weight: 98 lbs.



CART, RAIL PUSH, 16" WHEEL



Push cart complete with steel deck. 10,000 pounds capacity with four 16" wheels. Deck measures 67" wide x 85" long; 96" overall cart length, and 20" deck height (above rail). Also available in 10" wheel model.

- Part #: PC-10S Weight: 1200 lbs.
- Part #: PC-10S-135 (With brakes) Weight: 1200 lbs.
- Part #: PC-1010 (10" Wheel) Weight: 1200 lbs.

CART, RAIL, W/ REMOVABLE SIDES & EQUIPMENT CARTS

IPS designs and manufactures customized rail carts complete with checker plate decking, wheel assemblies, oscillating axles, pintle hitches, "D" Rings, braking systems with glad hands, and safety yellow paint finish. Wheel assemblies can be supplied with or without insulated wheels. Designed with structural steel frames to accommodate a wide range of loading requirements, these carts are fabricated for heavy-duty railroad use, and will provide long-lasting performance.

- Part #: CRS-IPS Weight: 7,309 lbs.

Cart, Rail, w/ Removable Side Enclosure

- Part #: CRS2-IPS Weight: 4,276 lbs.



CART, THUNDERBOLTER BUGGY



ThunderBolter buggy/cart designed to carry Geismar and Stumec bolter machines as they install Lewis Bolts.

Part #: CTBB-IPS Weight: 121 lbs.

Roller Ass'y, Thunderbolter Buggy

Replaceable roller assemblies for the traversing support frame on thunderbolter buggy carts. four rollers used per cart.

Part #: CTBB-IPS-01 Weight: 0.1 lbs.



CART, TOILET

IPS designs and manufactures carts for portable toilets. Single or double toilet carts available. Railings and diamond grip steps provided for maximum safety, as well as options for checker plate or expanded metal deck. A lifting lug on the top of larger carts allows for quick removal and placement with an overhead crane.

Cart, Single Toilet Part #: CWC-1-IPS

Cart, Double Toilet Part #: CWC-2-IPS



CART, TOOL SHED, LARGE, 10" WHEEL

This larger volume tool storage cart is designed to carry tools and equipment in a securely locked unit, with internal shelving for portable tools or equipment that you may want stored securely on-site, as well as an external tool platform and ladder for roof access. Smaller wheels (10") than our CTS-IPS model, but with greater storage capacity.

Part #: CTS-10L-IPS Weight: 3,858 lbs.



CART, WAYSIDE RAIL

IPS manufactures rail carts for a wide range of field work. This Wayside Cart has stake pockets designed for removable stakes and safety railings and is ideal for transporting portable toilets. It is manufactured with access stairs, air brakes on all four wheels, and one oscillating axle. Supplied with a safety yellow paint finish. Cart measures 8' wide x 16' long with 14" diameter heat-treated, cast alloy steel wheels.

Part #: CRW-IPS

CARTS

DRAW BAR, 6 FOOT



IPS supplies a series of heavy-duty draw bars for push carts, supplied complete with air lines and safety chain, glad hands and valves. Safety yellow paint finish. Part numbers below are for 4-24 foot lengths, but custom lengths and capacities are available.

Part #: DB-04-IPS (4 Foot) Weight: 50 lbs.

Part #: DB-06-IPS (6 Foot) Weight: 55 lbs.

Part #: DB-08-IPS (8 Foot) Weight: 86 lbs.

Part #: DB-10-IPS (10 Foot) Weight: 108 lbs.

Part #: DB-12-IPS (12 Foot) Weight: 118 lbs.

Part #: DB-16-IPS (16 Foot) Weight: 163 lbs.

Part #: DB-24-IPS (24 Foot) Weight: 275 lbs.



PIN, LOCKABLE DRAW PIN

Lockable draw bar pin, 1-5/8" diameter and 6-1/2" long, with hand ring and heavy-duty lockable washer.

Part #: 2309001C

Weight: 6 lbs.



PIN, SAFETY HITCH

A heavy-duty hitch-pin designed for rail pushcarts. The combination handle and 1-1/8" diameter retainer pin is easy to operate and highly resistant to disengagement. Includes 10" long safety chain and red paint finish.

Part #: 2309001A

Weight: 6 lbs.



PIN, HITCH, HEAVY-DUTY

Heavy duty hitch pins for rails carts.

Part #: 2309001B

Weight: 7.5 lbs.



WINCH ADAPTOR, TOW BAR

Winch adaptor for tow bars used in locomotive shops. Comes complete with shackle and pin.

Part #: 0808116A

Weight: 15 lbs.

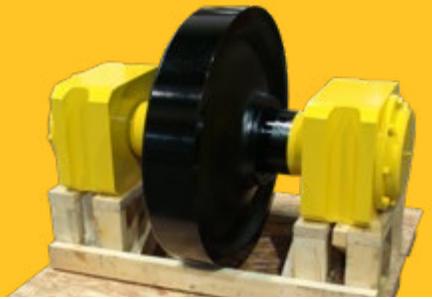
By 1960, diesel engines had replaced 99% of the steam locomotives in the US.





WHEELS & WHEEL ASSEMBLIES

IPS manufactures and rebuilds a wide range of insulated and non-insulated wheels and wheel axle assemblies, including bearings and bushings. As well as standard replacements for carts and Maintenance of Way vehicles we are fully equipped to create customized products for specialized applications. A turntable wheel and axle assembly is shown here.



WHEEL, TAMPER, 6", 2-PART

Two-part 6" wheel for the tamper Mk IV shadowboard and receiver buggies. This item is identical to A-0219-WAB; both are composed of part #s 0-1202047-0-01-IPS & 0-1202018-0-01-IPS

Part #: A-0219-WAA Weight: 35 lbs.
Part #: A-0219-WAB Weight: 35 lbs.

Wheel Flange, 6", Shadowboard
Part #: 0-1202048-0-01-IPS

Wheel Roller, 6", Shadowboard
Part #: 0-1202047-0-01-IPS



WHEEL, ALUMINUM, 8"

8" diameter aluminum wheel with bearings. Also used in rail carts CRB-IPS-8.

Part #: TS-12A Weight: 12.2 lbs.



WHEEL, BUGGY, 10", ALUMINUM

This is a 10" diameter aluminum rail wheel used on projector and pusher buggies. Comes with installed bearings and snap ring.

Part #: X-685831 Weight: 14 lbs.

Bearing, Wheel, Tamper Buggy
Part #: L-40213



WHEEL, RAIL, 10"

10" diameter machined wheels manufactured from high-strength alloy steel and hardened for long term performance. Ideal for push carts.

Part #: WA-10 Weight: 91.5 lbs.



WHEEL, DEMOUNTABLE PRESSED, 16"

Pressed demountable wheels for motor cart and push carts. 16" diameter, 5/16" thick steel, with eight (8) mounting lugs @ 6-3/8" centres around a centre 4-1/2" hole. Painted black.

Part #: M-11404-K1 Weight: 37 lbs.



WHEEL & BEARING, HI-RAIL, 10"

10" diameter Hi-Rail wheel assembly for various applications. Includes both wheel and bearing kit.

Part #: WA-10HR Weight: 50 lbs.



WHEEL, BUGGY, 16"

16" steel flanged wheel for rail buggies.

Part #: 32294 Weight: 120 lbs.



WHEEL, RAIL, HEAT-TREATED, 16"

A heavy-duty, 16" diameter wheel with a tapered bore; high-strength, heat-treated alloy steel.

Part #: WA-16 Weight: 167 lbs.



WHEEL, SPIKER, 16"

16" diameter, high-strength, heat-treated alloy steel wheels with bolt flange for CX spiker machines.

Part #: 86969201-IPS Weight: 133 lbs.



WHEEL, SPEEDER, 17", 5-HOLE MOUNT

17" diameter running surface alloy steel wheel designed for speeder machines.

Part #: DW-492000-001B Weight: 129 lbs.

WHEELS & WHEEL ASSEMBLIES

WHEELS



WHEEL, SPEEDSWING, 20" INSULATED

20" diameter insulated wheel for speedswing machines with 16 mounting holes.

Part #: B-8572 Weight: 184 lbs.



WHEEL, BALLAST REGULATOR, 24", 6-HOLE

24" diameter running surface wheel for the ballast regulator machines. Manufactured to AREMA specifications, with AAR201 grade C cast steel to OEM specifications and hardness. These ballast regulator wheels come in the original, 6-hole mount (735749-06) format; for the newer, 10-hole mount variant use # 735749-10.

Part #: 735749-06 Weight: 242 lbs.



WHEEL, BALLAST REGULATOR, 24", 10-HOLE

24" diameter running surface wheel for the ballast regulator machines. Manufactured to AREMA specifications, with AAR201 grade C cast steel to OEM specifications and hardness. These ballast regulator wheels come in the new, 10-hole mount (735749-10); for the original, 6-hole mount use # 735749-06.

Part #: 735749-10 Weight: 305 lbs.



WHEEL, BALLAST REGULATOR, 24", 12-HOLE

New 24" diameter cast and precision machined high-strength alloy steel wheels. 12-hole bolt pattern, designed for use on ballast regulator machines.

Part #: E-7211-IPS Weight: 467 lbs.



WHEEL, BALLAST REGULATOR, 28", 10-HOLE

28" diameter running surface wheel for ballast regulator machines. Manufactured to AREMA specifications, with AAR201 grade C cast steel to OEM specifications and hardness. Wheel available in non-insulated (9003336) or insulated format (9006634).

Part #: 9003336 (Non-Insulated) Weight: 330 lbs.
Part #: 9006634 (Insulated) Weight: 428 lbs.

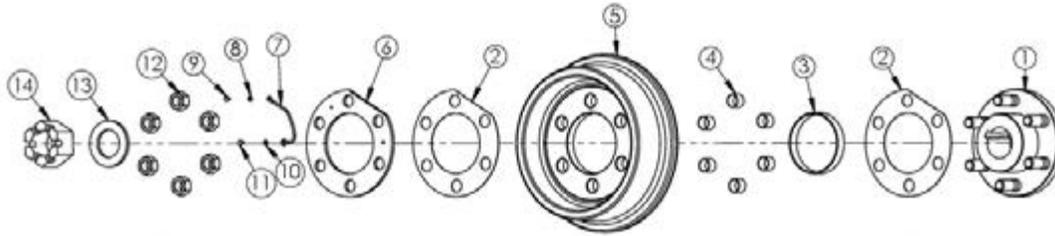


WHEEL, BALLAST REGULATOR, 28", 10 HOLE COUNTERSUNK

28" diameter running surface wheel for Kershaw Ballast Regulator machines. The 10 holes are countersunk, and in addition there are 2 threaded holes for use in removing the wheels for repair. Manufactured to AREMA specifications, with AAR201 grade C cast steel to OEM specifications and hardness.

Part #: 9003336B Weight: 330 lbs.





CX SPIKER WHEEL ASSEMBLIES

IPS supplies components for CX Spiker wheels from the bushings and insulators to full wheel and axle assemblies.

Item	Part#	Description	Qty
1	45744766	Wheel Hub	1
2	4623-0054	Insulator Disc, 16" Wheel, w/Flat	2
3	76340105	Insulator, Wheel Hub, 16" Wheel	1
4	22109710	Insulator, Stud Bushing, 16" Wheel	6
5	86969201-IPS	Wheel, Spiker, 16"	1
6	6342-4124	Retainer Disc, 16" Wheel, w/Flat	1
7	87129541	Insulation By-pass	1
8	87129541-W-01	3/8" Lock Washer	1
9	87129541-B-02	3/8" NC x 1/2" Gr.5 Bolt	1
10	87129541-W-02	1/4" Lock Washer	2
11	87129541-N-02	1/4" NC x 7/16" Gr.5 Bolt	2
12	90410913-N-IPS	Nut, Wheel, 1-1/8"	6
13	8607-9410	Washer, Wheel, 4-3/4"	1
14	5173-8010	Nut, Slotted Hex, 2-3/4"	1

AXLE ASS'Y, DEMOUNTABLE, 3-7/16", INSULATED



Full demountable axle assembly for CX Spikers; this is for the 3-7/16" diameter insulated axle.

Part #: 90410913 Weight: 587 lbs.

Axle Ass'y, Demountable, 3"

Part #: 90411033

Collar, Locking, 3"

Part #: 25563000

Axle, CX Spiker, 3"

Part #: 68742616

Collar, Locking, 3-7/16"

Part #: 25564500

Axle, Spiker, 3-7/16"

Part #: 68747123

Nut, Slotted, 2-1/2"-8, Axle

Part #: 5173-7920

Sprocket, Drive, CX Spiker

Part #: 75110490

Nut, Slotted, 2-1/2"-12, Axle

Part #: 5173-7900

Bearing, Pillow Block, 3-7/16" Axle

Part #: 5398-890

WHEEL ASS'Y, 3"

Precision machined wheel assembly, 3" diameter running surface, mounted on a bronze bushing bringing the id to 1-1/8". 3-3/4" wide.

Part #: Y-683655

Weight: 8 lbs.



Wheel Ass'y, 3-1/4", Aluminum Bronze

Part #: Y-683655-IPS

Weight: 8 lbs.

Bushing, Wheel, 1-7/16", Aluminum-Bronze

Part #: Z-683657

Weight: 0.64 lbs.

WHEEL AXLE ASS'Y, 5", LIGHTWEIGHT UTILITY

Replaceable wheel axle assembly for the Lightweight Utility Cart. 56-1/2" gauge, 1-1/4" diameter axle complete with pillow block bearings and durable, lightweight 5" aluminum wheels. Weight load limit of 1,200 lbs. per axle.

Part #: WAA-05-CLU-IPS

Weight: 35 lbs.



WHEEL ASS'Y, ALUMINUM

Heat-treated aluminum wheel assembly. These wheels have a 1,250 lbs. load capacity (per wheel) and are ideal for use on light maintenance of way carts where ease of handling is a priority. 1" diameter axle conforms to AREMA specifications.

Wheel Ass'y, 5", Aluminum

Part #: WAA-05-TS-12

Weight: 12 lbs.

Wheel Axle Ass'y, 8", Aluminum

Part #: WAA-08-TS-12

Weight: 17 lbs.



WHEEL ASS'Y, PROJECTOR BUGGY, 10"

Full wheel assembly for projector buggies; includes 10" wheels, axle, and bearings. Wheel and axle are solid aluminum with a WLL of 1,250 lbs.

Part #: 0-2201452-0-01

Weight: 17.6 lbs.

WHEELS & WHEEL ASSEMBLIES



WHEEL AXLE ASS'Y, 10"

10" diameter wheel assembly complete with a 2-3/16" diameter axle, insulated or non-insulated wheels, and pillow block bearings. 56-1/2" rail gauge, 2.5 ton WLL.

Part #: WAA-10-IPS Weight: 234 lbs.

Wheel Axle Ass'y, 10", 2.5 Ton, Insulated

Part #: WAA-10I-IPS

Axle, 10", 2-3/16"

Part #: WAA-10-IPS-A

Bearing, Wheel Ass'y, 10"

Part #: WAA-10-IPS-BRG

Washer, PC-10I, 3-1/2", Phenolic

Part #: WAA-10I-IPS-O2

Insulator, Phenolic Sleeve, 3"

Part #: WAA-10I-IPS-O1



WHEEL AXLE ASS'Y, 16", 2.5 TON

16" diameter heavy-duty wheel assemblies complete with 2" axles, insulated or non-insulated wheels, heavy-duty pillow block bearings. 2.5 ton working load limit.

Wheel Axle Ass'y, 16", 2.5 Ton, non-insulated

Part #: WAA-16-N-IPS Weight: 235 lbs.

Wheel Axle Ass'y, 16", 2.5 Ton, Insulated

Part #: WAA-16-I-IPS Weight: 235 lbs.

Axle, Wheel Ass'y, 1-15/16"

Part #: WAA-16-N-IPS-A Weight: 52 lbs.



WHEEL AXLE ASS'Y, 16", 6 TON

16" diameter heavy-duty wheel assemblies complete with 2-7/16" axles, heavy-duty pillow block bearings. 6-Ton working load limit.

Part #: WAA-16-IPS-N (Non-Insulated) Weight: 451 lbs.
 Part #: WAA-16-IPS-I (Insulated) Weight: 451 lbs.

WHEEL AXLE ASS'Y, 10", 7.5-TON

10" diameter wheel assembly complete with 2-15/16" diameter axles, insulated or non-insulated wheels, and pillow block bearings. 56-1/2" rail gauge, 7.5-Ton WLL.

Part #: WAA-1007-IPS

Wheel Axle Ass'y, 10", 7.5-ton, Insulated

Part #: WAA-1007I-IPS

Axle, Wheel Ass'y, 10", 2-15/16"

Part #: WAA-1007-IPS-A

Bearing, Wheel Ass'y, 10", 7.5-ton

Part #: WAA-1007-IPS-BRG



Insulator, Phenolic Sleeve, 3-5/8"

Part #: WAA-1007I-IPS-O1

Washer, 4", Phenolic

Part #: WAA-1007I-IPS-O2

WHEEL AXLE ASS'Y, 14"

Wheel assemblies complete with 3" diameter idler axle set for 56-1/2" track gauge, heavy-duty tapered roller bearings, and two 4-bolt axle mounting boxes. 8 or 15-Ton working load limit.



Wheel Axle Ass'y, 14", 8 Ton

Part #: WAA-1408-IPS Weight: 425 lbs.

Wheel Axle Ass'y, 14", 15 Ton, non-insulated

Part #: WAA-1415-IPS Weight: 660 lbs.

Wheel Axle Ass'y, 14", 15-Ton, Insulated

Part #: WAA-1415-IPS-I Weight: 660 lbs.

WHEEL AXLE ASS'Y, 16", 10 TON

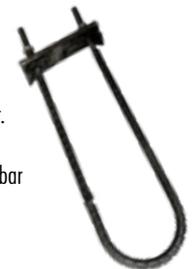
16" diameter heavy-duty wheel assemblies complete with 3" axles, non-insulated wheels, and pillow block bearings. 10-Ton working load limit.

Part #: WAA-16-NH-IPS Weight: 400 lbs.



WHEEL SET AXLE ANCHORS

7/8" diameter x8" wide x 39" or 48" long steel wheel set anchor assemblies for interlocking wheel sets during transport. Assemblies consist of the short (lower) and long (upper) interlocks composed of a U-Bolt with Spiral padding, a clamp bar with bumper pad, and two 7/8" hex nuts.



Wheel Set Axle Anchor, Small

Part #: 2310097A Weight: 23 lbs.

Wheel Set Axle Anchor, Long

Part #: 2310097B Weight: 26.3 lbs.

Clamp Bar, Wheel Set Anchor

Part #: 2310097C Weight: 8 lbs.

Bumper Pad, Wheel Set Anchor

Part #: 2310097D Weight: 0.25 lbs.



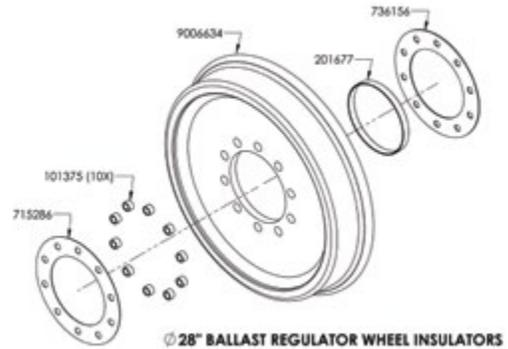


Part #: 9006634-set

INSULATOR BUSHING SET, 28" WHEEL

This is a full bushing set for 28" diameter, 10-hole ballast regulator wheels to make the wheel insulated. This set is composed of:

- 1 - 736156 Inside Insulator Bushing,
- 1 - 201677 Main Wheel Bore Insulator,
- 10 - 101375 Wheel Stud Insulator Bushings &
- 1 - 715286 Outside Insulator Bushing



Insulator, Inside Washer, 28" wheel, 1/8" thick

Part #: 736156

Insulator, Main Bore, 28" Wheel

Part #: 201677

Insulator, Stud Bushing, 28" Wheel

Part #: 101375

Insulator, Outside Washer, 28" Wheel, 1/16" thick

Part #: 715286



AXLE, TIE CRANE, 3"

3" diameter outer drive axle for Pyke Tie Cranes. 67-7/8" long, and narrowing to 2" diameter (threaded) by locking ends.

Part #: C-21161

Weight: 120 lbs.



HUB, BALLAST REGULATOR WHEEL

High strength alloy steel wheel hub for ballast regulators. Available in insulated (B-16455) and non-insulated (B-16456) styles. 12 holes per hub.

Part #: B-16455 (Insulated)

Weight: 38 lbs.

Part #: B-16456 (Non-Insulated)

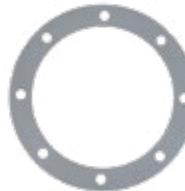
Weight: 38 lbs.



INSULATOR KIT, SPEEDSWING, 8-HOLE

Insulator kit for Pettibone Speedswing wheel with 8-hole mounts. Consists of two L1-7651 (Insulator Disc, Speedswing, 8-hole) and eight L1-7802 (Bushing, Speedswing, 1", Phenolic).

Part #: L1-7651-Kit



INSULATOR DISC, SPEEDSWING, 8-HOLE

Insulator ring for Pettibone Speedswing wheel hubs; this model has the standard 8-hole mount.

Part #: L1-7651

Weight: 0.01 lbs.

When the first practical steam locomotive began operation in 1804, it averaged less than 10 mph. Today, several high-speed rail lines around the world are regularly travelling 30 times as fast. The top speed of these trains has been steadily climbing with a current world speed record of 362 mph or 582 km/hr.



BUSHING, SPEEDSWING, 1", PHENOLIC

1" od, 3/4" id x 11/16" long phenolic insulator bushing for speedswing machines.

Part #: L1-7802

Weight: 0.01lbs.

WHEELS & WHEEL ASSEMBLIES



INSULATOR, HUB BUSHING, PHENOLIC

Phenolic insulator ring for wheel hubs, approximately 6-5/8" od X 6-1/4" id X .700" long, for ballast regulators.

Part #: 10.1373-A

Weight: 0.1 lbs.

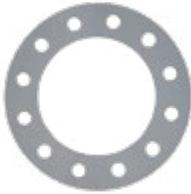


INSULATOR, WHEEL DISC, 6-HOLE

11-1/4" diameter wheel insulator disc for ballast regulator machines. 6-Hole mount.

Part #: 10.1374

Weight: 0.1 lbs.



INSULATOR, WHEEL DISC, 12-HOLE

A 10-3/8" od, 6-1/2" id insulator ring for wheel hubs; this model has a 12-hole mount.

Part #: A-16457

Weight: 0.1 lbs.



PLATE, 28" WHEEL, STEEL

13-1/2" od, 8-11/16" id x 1/4" steel spacer for 28" Ballast Regulator wheels. 10 hole mount.

Part #: 9001706

Weight: 5.6 lbs.



SPACER, PHENOLIC, 8" X 10"

8" x 10" Phenolic insulating spacer for pillow block bearings on WAA-1415-IPS axle. Four 13/16" mounting holes.

Part #: 0808147A

Weight: 0.4 lbs.



WHEEL AXLE

A non-insulated wheel axle for Nordco-Tripp machines.

Part #: 54261725

Weight: 2 lbs.





BRAKE SHOE, TIE CART, 10", ASTRO

Manufactured brake shoe for 10" wheels on Astro tie carts.

Part #: 15-1088

Weight: 2.6 lbs.



BRAKE SHOE, TIE CART, 10", GEISMAR

Manufactured brake shoe for 10" wheels on Geismar tie carts.

Part #: TD-20BR8

Weight: 2.6 lbs.



BRAKE SHOE, 10"-14", BASE FORM

Brake shoe for either 10" or 14" wheels for rail carts. This is a basic foundation shoe, cast from ductile iron 80-55-06. Further customization available.

Part #: WA-10-BS

Weight: 9 lbs.



BRAKE SHOE, 10"-16"

This is a universal brake shoe for wheels of a 10" to 16" diameter.

Part #: WA-1016-BS

Weight: 12 lbs.



BRAKE SHOE, 16", SPIKER/ ANCHOR APPLICATOR

Cast brake shoe designed for the B spiker and anchor machine Model E dual spike puller.

Part #: 7090-0072

Weight: 7.4 lbs.



BRAKE SHOE, 16", SUPER CX

8" x 3.56" wide brake shoe for 16" wheels, designed for spiker machines. Model CX.

Part #: 7090-0075

Weight: 3.25 lbs.



BRAKE SHOE HEAD, SUPER C SPIKER

Manufactured brake shoe head for spiker machines.

Part #: 2180-0097

Weight: 5 lbs.



BRAKE SHOE, 24" WHEEL

Brake shoe for the 24"-28" diameter wheels of cleaning carts.

Part #: WA-24-BS

Pin, Brake Shoe, 1" x 4-3/4"

Part #: WA-24-BS-01



BRAKE SHOE, 24", 46-1

Brake shoe for ballast regulator machines.

Part #: 38551

Weight: 9.6 lbs.



BRAKE SHOE, 24", BURRO CRANE

Cast brake shoe designed for 24" diameter Burro crane wheels.

Part #: E-1902-24

Weight: 23 lbs.



BRAKE SHOE, 24", TAMPER

Brake shoe for tamper machines. 12" long x 3.31" wide with a 1-1/2" thick brake pad. Mk IV.

Part #: V472

Weight: 4 lbs.



BRAKE SHOE, 24", TAMPER, W/O TABS

Brake shoe for the Mark IV HD Harsco Tamper, without tabs. 12" long x 3.31" wide with a 1-1/4" thick brake pad.

Part #: V271

Weight: 3.75 lbs.

BRAKE COMPONENTS



BRAKE SHOE, 24", TAMPER

Cast brake shoe designed for tamper machines with 24" diameter wheels. Mk II.

Part #: Y-754559-001

Weight: 18 lbs.



BRAKE SHOE, TIE CRANE

Tie crane brake shoe with offset welded lug for Knox Kershaw Tie Cranes.

Part #: 9050503

Weight: 7.6 lbs.



BRAKE SHOE, 24", TIE INSERTER

8" long x 3.56" wide x 1-3/4" thick brake shoe with a 12" radius for 24" wheels on Tripp tie inserters and Knox-Kershaw ballast regulators. V237.

Part #: 7090-0080

Weight: 3.9 lbs.



BRAKE SHOE, 28", KBR925

Brake shoe for the 28" diameter wheels of ballast regulator machines like the KBR925.

Part #: 9001365

Weight: 7.6 lbs.



BRAKE SHOE, 33", CRANE

Flanged style brake shoe for a locomotive crane.

Part #: 810901

Weight: 47 lbs.



BRAKE SHOE, TIE CHANGER

Manufactured brake shoe for tie changer machines.

Part #: 78011-120-4

Weight: 4.6 lbs.



LEVER, BRAKE ADJUSTMENT

9-1/4" overall length, 7" x 1" NF thread brake adjustment lever for tamper machines.

Part #: 223021-1

Weight: 3 lbs.



PIN, BRAKE SHOE LOCK, 3/4" X 2-7/16"

3/4" diameter x 2-7/16" long brake shoe lock pin.

Part #: R-2940R-IPS

Weight: 0.3 lbs.



PIN, BRAKE SHOE, 3/4" X 4-1/2"

3/4" diameter x 4-1/2" long C1018 steel brake shoe pin for ballast regulator machines.

Part #: A-25389

Weight: 0.4 lbs.



PIN, BRAKE SHOE RETAINING

Brake shoe retainer pin for the Mk IV ballast regulator.

Part #: 9032753

Weight: 0.5 lbs.



PIN, BRAKE SHOE RETAINER

6-1/2" long brake shoe retaining pin for brake shoes on the Mk IV HD tamper.

Part #: 112482-1

Weight: 0.5 lbs.

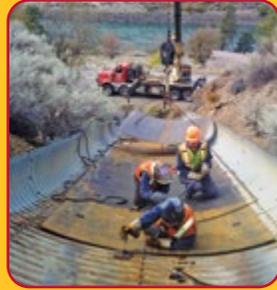


PIN, BRAKE SHOE RETAINER

Brake shoe retainer pin for tamper brake shoes. Mk IV.

Part #: SE5625

Weight: 0.66 lbs.



CULVERT & FLUME RELINING

IPS specializes in the design and installation of flume and culvert lining structures, as well as relining, repair, and reinforcement of aging concrete and steel bridging structures.



BOX, TRUCK BED TOOL STORAGE

This lockable tool storage box is designed for truck beds and constructed to be bolted in place for additional security. Box measures 41-3/4" wide x 23" deep x 17-3/4" high. 11-1/2" cubic feet available for securing tools, materials, kits or safety equipment in the field and on the road. Painted black. Customizable upon request.

Part #: 2310148A

Weight: 160 lbs.

CART, BRAKE SHOE TROLLEY

Durable lightweight pushcart for the shop and yard, composed of a rugged steel frame with two front swivel casters and two fixed casters.

Part #: CBST-IPS



CONCRETE TIE SPREADER ASS'Y

12" long x 4' 6" wide heavy duty concrete tie spreader designed and engineer certified for the placement of concrete ties. (Wood ties shown in photo for context.) Supplied complete with updated tie cables for pandrol clip plates, along with a 4-legged bridle lifting assembly. 6,200 lbs. maximum working load limit.



Part #: CTSB-IPS

Weight: 800 lbs.

CONCRETE TIE SPREADER SLING, 17-1/2' TIE

Hook harness for lifting single concrete ties via e-clip gauge plates, for 17-1/2' concrete ties.

Part #: CTSL-IPS



SPECIALTY EQUIPMENT & FABRICATIONS



CONCRETE TIE SPREADER SLING, OVER-DRIVE SHOULDER

Hook harness for lifting single concrete ties via overdrive shoulder gauge plates. Maximum WLL of 1,000 lbs..

Part #: CTSI-OD-IPS

Weight: 32 lbs.



HYDRAULIC BOOM EXTENSION

IPS manufactures hydraulic boom extensions for rail cranes that allow for greater extensions, which are advantageous on curves. 3' maximum extension.

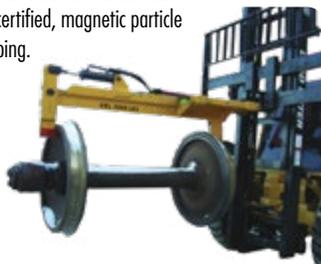
Part #: HBX-IPS



HYDRAULIC WHEEL SET LIFTER

IPS manufactures and designs hydraulic wheel set lifters that attach quickly to forklifts. Engineer certified, magnetic particle tested and proof tested prior to shipping.

Part #: HWL-IPS



DOLLY, LOCOMOTIVE ELECTRIC CABLE

Heavy-duty dolly designed to store and move locomotive electric cables safely without damage.

Part #: DLEC-IPS

Weight: 94 lbs.



DOLLY, RAIL, 60 KG

Rail dolly (operated in pairs) designed to carry one or two 60 Kg gauge rails on heavy-duty 5" diameter wheels.

Part #: 2309055A

Weight: 57 lbs.



JACK STAND, 60,000 LBS.

Heavy-duty mobile jack stand designed with 4 wheels and braking device for safety. Painted safety yellow.

Part #: 0808132A

Weight: 324 lbs.

KUBOTA TOOL STORAGE BOX

This robust deck organizer is manufactured from high grade steel and designed to take the daily abuse that field work can deal while keeping rail parts accessible and orderly. This particular box is designed for Kubota Utility Vehicles and is another example of IPS custom innovation.

Part #: 0923172A



SPECIALTY EQUIPMENT & FABRICATIONS

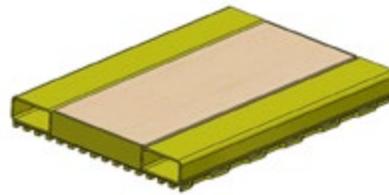


LIFT PLATFORM, FORKLIFT, 2,000 LBS. WLL

96" x 64" forklift man-lift platform with 3 sides and removable safety chain. 2,000 lbs. WLL engineer certified and stamped with lanyard attachments. Painted safety yellow.

Part #: 0923192A

Weight: 1.262 lbs.



PAD, HYDRAULIC LIFT, SET

34" wide x 49" long x 5-1/8" high heavy duty hydraulic lift pad for outrigger feet. Designed with forklift slots at both sides for ease of use, these lift pads have a replaceable wood channel down the centre and sits on 6-1/4 lbs. expanded steel grating for greater stability. This part number is for one unit only.

Part #: 0923186A

Weight: 517 lbs.

PINS, BRIDGE SIGNAL, SHORT & LONG

Rail pins used to trip the bridge signals to indicate that the apron is fully closed and locked. 13" or 15-3/8" long.

Pin, Bridge Signal, Short

Part #: 2310014A

Weight: 3.3 lbs.

Pin, Rail, Long

Part #: 2310014B

Weight: 3.6 lbs.

Guide Tube Assy, Signal Pin, Short

Part #: 2310014A-01

Guide Tube Assy, Signal Pin, Long

Part #: 2310014B-01



PLATFORM, ADJUSTABLE CROSSOVER

Adjustable crossover platform for maintenance platforms. Made from high-grade aluminum this crossover platform adjusts to span 20" to 35" gaps safely in locomotive maintenance facilities. 400 lbs. WLL.

Part #: 0923179A

Weight: 27 lbs.

Platform, Adjustable Crossover, Long

Part #: 0923179B

Weight: 28 lbs.



RAIL SWEEPS, HI-RAIL

Steel-mounted rubber rail sweeps for F350 and F550 Hi-rail trucks.

Rail Sweep, R290 Rail Gear, Driver

Part #: R-21102-D

Weight: 2.5 lbs.

Rail Sweep, R290 Rail Gear, Passenger

Part #: R-21102-P

Weight: 2.5 lbs.

Rail Sweep, R460 Rail Gear, Driver

Part #: R-20120-D

Weight: 2.75 lbs.

Rail Sweep, R460 Rail Gear, Passenger

Part #: R-20120-P

Weight: 2.75 lbs.



RAIL SPREADER BAR

IPS manufactures a wide range of spreader bars for handling rail. A spreader bar that attaches quickly to a forklift is shown. Engineer certified, magnetic particle tested and proof loaded prior to shipping.

SPECIALTY EQUIPMENT & FABRICATIONS



ROADMASTER 22 TOTE

Ruggedly designed and interchangeably nesting tote boxes to organize your stores and redeem floor space. These steel bins come in either is 44" wide x 48" deep x 22" high or 44" wide x 48" deep x 32" high, with reinforced steel mesh walls. RoadMaster Tote bins can be moved easily by forklifts or by their four upper-mounted D-rings. 5,000 lbs. WLL.

Part #: 2310070A-22

Weight: 310 lbs.

ROADMASTER 32 TOTE

Part #: 2310070A-32

Weight: 370 lbs.



ROADMASTER CRATE, HEAVY TRANSPORT, WOODEN

Heavy wooden crate for part transportation with removable sides. 57" wide x 64" long x 26" high. Stackable two high. 4,000 lbs. WLL.

Part #: 0808156A

Weight: 675 lbs.

ROADMASTER TOTE, HEAVY-DUTY BOLT BIN, 5-TON

This Heavy-duty bolt bin with a 5-ton WLL has a hinged, lockable lid. 85" x 45" base and 33" at rear. 45" overall height with two fork-lift mounts for ease of movement.

Part #: 2310260A

Weight: 1,028 lbs.



ROADMASTER RACK, BOTTLE

RoadMaster Bottle Rack for oxy-acetylene gas tanks. Designed to carry up to three gas cannisters, and comes with upper lift arm for lifting with grapple hooks.

Part #: 2310094A

Weight: 362 lbs.



ROADMASTER LOCOMOTIVE TOOL TRAYS, 41" OR 65" WIDE

Aluminum locomotive tool tray for engine servicing. Tray measures 41" or 65" wide x 14" deep with 12" high support leg; 2" diameter hook bracket attaches tray to engine safety rails.

RoadMaster Locomotive Tool Tray, 41"

Part #: 2310201A

Weight: 19 lbs.

RoadMaster Locomotive Tool Tray, 65"

Part #: 2310202A

Weight: 28 lbs.



ROADMASTER RACK, CAR COUPLER, 15-SLOT

Freight car coupler racks designed to hold up to 15 couplers.
Painted safety yellow.

Part #: 0805100A

Weight: 7,500 lbs.

ROADMASTER RACK, CAR COUPLER, 17-SLOT

Freight car coupler rack designed to hold up to 17 couplers.
Painted safety yellow.

Part #: 0805101A

Weight: 7,500 lbs.



ROADMASTER RACK, BRAKE SHOE STORAGE

104" long x 50" wide brake shoe storage rack divided into two compartments. 16" high expanded metal walls sit 18" above the ground on a rugged frame that includes convenient fork-lift slots for easy movement. Painted safety yellow.

Part #: 2310081A

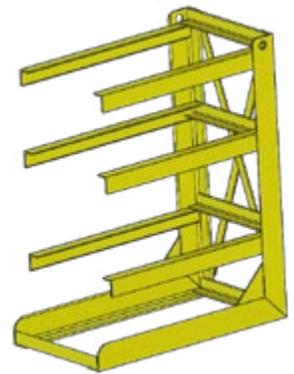
Weight: 1,012 lbs.



ROADMASTER RACK, BRAKE BEAM, 29-1/2" X 54" X 66"

RoadMaster heavy-duty brake-beam rack. 29-1/2" wide x 54" deep x 66" high. Safety yellow paint finish.

Part #: 2310073A



ROADMASTER RACK, BRAKE BEAM, 29-1/2" X 60" X 66"

RoadMaster heavy-duty brake-beam rack. 29-1/2" wide x 60" deep x 66" high. Safety yellow paint finish.

Part #: 2310073B

Weight: 404 lbs.



ROADMASTER RACK, BRAKE SHOE TOTE

60" long x 18-4/4" deep brake shoe storage with upper access door. 36" high expanded tote with 40-3/8" total height. Painted safety yellow.

Part #: 2310083A

Weight: 174 lbs.

SPECIALTY EQUIPMENT & FABRICATIONS

ROADMASTER RACK, ELEVATED PLATFORM

RoadMaster heavy-duty high frame platform. 96" long x 52" deep x 18" high, with two lifting slots for forklifts @ 36" centres. Safety yellow paint finish.

Part #: 2310075A

Weight: 580 lbs.



ROADMASTER RACK, ELEVATED PLATFORM, DOUBLE

RoadMaster heavy-duty high frame platform. 96" long x 52" deep x 36" high, with two lifting slots for forklifts @ 36" centres. Shelves at 12" and 36" high. Safety yellow paint finish.

Part #: 2310075B

Weight: 1064 lbs.



ROADMASTER RACK, GASKET SUPPLY

87-3/4" high x 54" wide x 52-1/4" deep RoadMaster Rack designed for hanging replacement supplies. Five 48" x 78" double-sided, peg-board leaves on vertical hinges allow for easy, organized storage of hundreds of lightweight replacement supplies

Part #: 2310095A

Weight: 484 lbs.

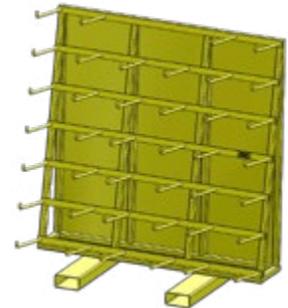


ROADMASTER RACK, HAND HOLD

77" high x 73" wide x 34" deep RoadMaster Rack for stacking handhold devices. Mounted on forklift slots for easy transport.

Part #: 2310082A

Weight: 683 lbs.



ROADMASTER RACK, LOCOMOTIVE FAN

RoadMaster locomotive frame rack. 110" long x 46" deep x 68" high. Safety yellow paint finish.

Part #: 2310074A



ROADMASTER RACK, SBU

51" wide x 18" deep x 48" high rack for holding six SBU units. Painted safety yellow.

Part #: 2310079A

Weight: 139 lbs.



SPECIALTY EQUIPMENT & FABRICATIONS

ROADMASTER RACK, TRACTION MOTOR STORAGE

60" wide x 60" long Traction Motor storage rack. 2,000 Lbs. WLL and stands 48" high, allowing for space for two traction motors to be stored at a time. Painted safety yellow.

Part #: 2310084A Weight: 328 lbs.



ROADMASTER RACK, WHEEL-SET, 60'

RoadMaster heavy-duty wheel-set rack. 60' long x 81-3/8" deep x 15" high, capable of holding 61 wheel sets. Safety red paint finish.

Part #: 2310078A Weight: 7,600 lbs.



RoadMaster Rack, Wheel-Set, 40'

Part #: 2310077A Weight: 5,100 lbs.

RoadMaster Rack, Wheel-Set, 40', 33-36" wheels

Part #: 2310077D Weight: 5,300 lbs.

RoadMaster Rack, Wheel-Set, 60', 33-36" wheels

Part #: 2310078B Weight: 7,950 lbs.

ROADMASTER SHELVES, 2' DEEP, HEAVY-DUTY

8' long x 6' high x 2' deep heavy-duty storage shelves, with 5 expanded metal mesh shelves, base plates, and safety yellow finish.

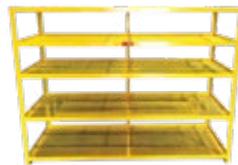
Part #: 2310071A



ROADMASTER SHELVES, 3' DEEP, HEAVY-DUTY

8' long x 6' high x 3' deep heavy-duty storage shelves, with 5 expanded metal mesh shelves, base plates, and safety yellow finish.

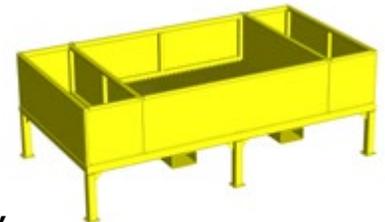
Part #: 2310072A



ROADMASTER RACK, WORK PLATFORM W/ STORAGE

RoadMaster heavy-duty work platform. 96" long x 52" deep x 34" high, with two lifting slots for forklifts @ 36" centres. Platform stands 18" above ground and is divided by expanded metal mesh. Safety yellow paint finish.

Part #: 2310076A



SPREADER BAR, EXPANDABLE, 28'

Expandable spreader bar for lifting rail sections up to 80' long. When retracted this spreader bar is 18' long, but extends to 28' at full extension and has a WLL of 4,000 lbs.

Part #: SBX-28-IPS

Spreader Bar, Forklift, 1.5 Ton

Part #: RSB-F-IPS Weight: 972 lbs.



SPREADER BAR, LIGHTWEIGHT, 4' LONG

IPS manufactures a lightweight spreader bar complete with two Little Dawg rail tongs. Designed and certified with a 2-ton working load limit and designed to lift 39' lengths of rail.

Part #: LSB-IPS Weight: 82 lbs.



SPECIALTY EQUIPMENT & FABRICATIONS

STAIR ASSEMBLIES

IPS manufactures a variety of stair structures for custom applications. From lightweight moveable stairs for attachment to carts and vehicles (shown here) to multi-story fixed structures for ascending buildings and site towers, IPS has the expertise to work with aluminum, galvanized steel, or other custom materials to provide safe and long-term solutions to your needs. Pictured here is the 0923195A Lightweight Trailer Stair.



Part #: 0923195A Weight: 78 lbs.

STAIR, FOOT STOOL, ALUMINUM

This 18" high foot stool has a 14-1/2" x 14-1/2" checker-plate surface; foot stool base measures 25" x 25" and has rubber feet for increased stability.



Part #: 0808111A Weight: 14.2 lbs.

STAIR, "APPLE CRATE" FOOT STOOL, WOODEN

Wooden "Apple Crate" style foot stool designed for sturdy yet easily portable use. Painted yellow with safety-grip surface. 19" wide x 14" deep x 11" high.

Part #: 0808139A Weight: 30 lbs.



Stair, "Apple Crate", Aluminum

Part #: 0923196A Weight: 25 lbs.



STAIR, FOOT STOOL, SMALL ALUMINUM

This 10-3/4" high foot stool has a 11" x 14" checker-plate surface; foot stool base measures 17-1/4" x 20-1/4" and has rubber feet for enhanced stability.

Part #: 0808148A



STAIR, PASSENGER CAR STEP, ALUMINUM

Custom nesting aluminum stairs for commuter access to passenger cars. Non-slip aluminum checkerboard plate over a robust aluminum frame, these steps come equipped with two 4" wheels for easy transportation and dual handrails for safety and ease of use. 39-3/8" wide at front of base, 44-1/2" wide at rear of base, and 13" high, with handrails extending to 55" above base. Three-step, 19-1/2" high version also available.

Part #: 0923171A Weight: 58.5 lbs.



STAIR, LOCOMOTIVE SERVICE

Hooked locomotive service stair. 22" wide, 82" high with steps at 11" intervals, made from aluminum square tubing.

Part #: 0923188A Weight: 34 lbs.



STAIRS, SHUTTLEWAGON

26" wide x 66" high 3-step shuttlewagon stairs with hand-holds. Painted black.

Part #: 0923194A Weight: 148 lbs.

TOTE BOOM ASSEMBLY

Tote boom for speedswing machines; comes equipped with swivel hook assembly (part # A-2499-01, also sold separately).

Part #: A-2499 Weight: 500 lbs.

Swivel Hook Ass'y, Tote Boom

Part #: A-2499-01



WELDING PALLET, COMPACT

Compact portable welding pallet with mounts for two cylinders and lockable tool cabinets.

Part #: 2310127C



WELDING PALLET, PORTABLE

IPS manufactures Portable Welding Pallets designed to fit a portable welder, welding cylinders and hose reels. Designed to be easily loaded and unloaded from a truck with a forklift.

Part #: 2310127A

Weight: 220 lbs.



WELDING TRAILER, 2-WHEEL

A heavy-duty 2-wheel trailer fully equipped with a welding machine, oxy/acetylene cutting torches and hose reels.

Part #: 2310127D

Weight: 1,270 lbs.



WHEEL PULLER, 10"

Wheel puller for 10" diameter wheels, designed to break seals when removing wheels from axle assemblies. For other diameters please consult our sales team.

Part #: 8000110A

Weight: 140 lbs.



WHEEL SET LIFTER, "MANTIS"

The "Mantis" wheel set lifter is a fork-lift attachment with a WLL of 3,500 lbs. Used to easily move 30" diameter wheel set assemblies.

Part #: 8000100A

Weight: 400 lbs.



COLLECTOR PANS

CALL IPS TODAY
for a complimentary DESIGN
CONSULTATION



Galvanized Collector Pans



Stainless Steel Collector Pans



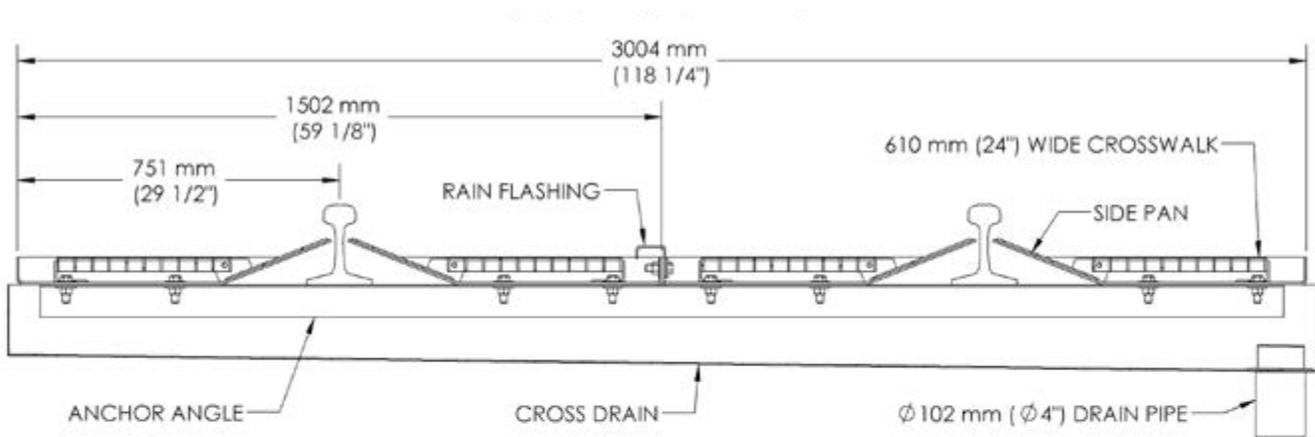
Pans with Safety Yellow FRP Grating

PROTECT THE ENVIRONMENT WITH IPS COLLECTOR PANS

IPS Collector Pans are a system of steel pans and cross drains which are easily installed on new or existing tracks to collect pollutants such as spilled diesel fuel, greases, chemicals and toxic liquids. IPS Collector Pans are ideal for use around fueling stations, tank car loading and unloading areas, and washing and cleaning operations. IPS Engineering meets the challenges of specific projects by conducting a detailed survey and creating design drawings for

customized pans. As a result, the pans match the existing geometry precisely and minimize field cutting during installation.

The IPS collector system provides full pan protection for the area between and outside the rails. Cross drains are installed between the ties and at right angles to the pans to carry wastes and rainwater into underground drains and tanks for treatment.



SPECIFICATIONS:

- ALL COMPONENTS FABRICATED FROM COMMERCIAL QUALITY HOT ROLLED STEEL MEETING ASTM DESIGNATION A-36
- MANUFACTURING TOLERANCE FOR FABRICATION ± 6 mm (1/4")
- ALL CROSSWALKS TO BE 610 mm (24") WIDE WITH NON-SKID SURFACE
- ALL FASTENERS ZINC PLATED
- GALVANIZED AND STAINLESS STEEL PANS AVAILABLE UPON REQUEST.

TECHNICAL DATA:

- MODULE LENGTH (CENTER TO CENTER OF CROSS DRAINS): 3.0 - 12.2 m (10 - 40 ft)*
- WIDTH (OUTSIDE TO OUTSIDE OF PAN FLANGES): 3004 mm (118 1/2")*
- WIDTH OF CROSSWALK: 102 mm (4")
- O.D. OF CROSS DRAIN DOWNSPOUT: 102 mm (4")

*COLLECTOR PAN DIMENSIONS ARE CUSTOMIZABLE TO SUIT CUSTOMER REQUIREMENTS.

UNIQUE GIFTS & AWARDS FOR RAILROADERS

BRASS BELL, 3-7/8"

A 3-7/8" diameter polished brass bell mounted on a 6" x 6" square walnut base. Ideal for desks, shelves or mantelpieces, & comes with engraved brass plaque "SPIRIT OF THE IRON HORSE"

Part #: BB-4-IPS Weight: 3.7 lbs.



BRASS BELL, 9"

A 9" diameter polished brass bell mounted on a 10-1/4" diameter octagonal walnut base. Ideal for retirement gifts or special awards.

Part #: BB-9-IPS Weight: 26.2 lbs.



BRASS BELL, 12", R&R

IPS can refurbish old working train bells like this 12" diameter bell to become polished brass bells mounted on a 16" square black walnut base. Ideal for retirement gifts or special awards.

Part #: BB-IPS R&R Weight: 45 lbs.



BOOK END SET, CHROME PLATED

Attractive chrome plated book end set to commemorate long term service for dedicated railroaders or to recognize achievement in the industry. Machined, polished and chrome plated.

Part #: CPBE-85



BOOK END SET, GOLD PLATED

Attractive gold plated book end set to commemorate long term service for dedicated railroaders or to recognize achievement in the industry. Machined, polished and 18 karat gold plated.

Part #: GPBE-85 Weight: 40 lbs.



RAIL SPIKE, CHROME-PLATED

Chrome plated rail spike for your desk or office.

Part #: CPRS-6 Weight: 1 lb.



RAIL SPIKE, GOLD-PLATED

Gold plated rail spike for your desk or office. Plated with 18 karat gold.

Part #: GPRS-6 Weight: 1 lb.



SCULPTURE, SPIKE DRIVER

Unique handmade sculpture of a Spike Driver at work made from a metal spike and steel. Measures 7" wide x 3" deep x 6-1/2" high.

Part #: GSDS-100
Weight: 1.1 lbs.



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Fax: 403-236-7229
Email: sales@davanac.com

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Fax: 514-421-0188
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Carlton, NSW 2218 Australia
Phone: +61(02).9547.1844
Fax: +61(02).9547.2236
Email: sales@specialisedforce.com.au

Specialised Force Pty Ltd. - Adelaide
316 South Road
Richmond, SA 5033 Australia
Phone: +61(08).8352.8866
Fax: +61(08).8352.7257
Email: nqsales@specialisedforce.com.au

Specialised Force Pty Ltd. - Brisbane
2/68 Northlink Place
Northgate WLD 4013 Australia
Phone: +61(07).3256.6011
Fax: +61(07).3256.6055
Email: qldsales@specialisedforce.com.au

Specialised Force Pty Ltd. - Townsville
2/1 Civil Road
Garbutt WLD 4814 Australia
Phone: +61(07).4728.8756
Fax: +61(07).4725.4380
Email: nqsales@specialisedforce.com.au

Specialised Force Pty Ltd. - Darwin
4/17 Willes Road
Berimah NT 0828 Australia
Phone: +61(08).8984.4453
Fax: +61(08).8984.4390
Email: ntsales@specialisedforce.com.au

Specialised Force Pty Ltd. - Melbourne
2/18 Southfork Road
Kilsyth VIC 3137 Australia
Phone: +61(03).9761.4199
Fax: +61(03).9761.4966
Email: vicsales@specialisedforce.com.au

Specialised Force Pty Ltd. - Perth
19 Augusta Street
Willetton WA 6155 Australia
Phone: +61(08).9354.8544
Fax: +61(08).9354.8360
Email: wasales@specialisedforce.com.au

Specialised Force Pty Ltd. - Port Hedland
4/13 Cajarina Road
Wedgefield WA 6721 Australia
Phone: +61 0417.544.475
Fax: +61(08).9354.9360
Email: phsales@specialisedforce.com.au

Specialised Force Pty Ltd. - Hobart
PO Box 531
Rosny Park TAS 7018 Australia
Phone: +61 0427.423.217
Fax: +61(03).9761.4966
Email: tassales@specialisedforce.com.au



NEW ZEALAND

HTC Specialised Tools & Equipment -Auckland
33a Springs Road, East Tamaki,
Auckland, New Zealand
Phone: (09) 271 0800
Fax: (09) 271 0801

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31 Epsom Road, Sockburn,
Christchurch, New Zealand
Phone: (03) 341 0040
Fax: (03) 341 0043

INNOVATIVE PARTS & SOLUTIONS Ltd.

20125 Stewart Crescent, Maple Ridge, B.C. V2X 0T6 Canada

Tel: 604.465.8994 Fax: 604.465.4397

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