

Rail Kicker Rail Brace for Curved Track



In time, the flex and return process can cause spikes to lose their holding power. The rail base can begin migrating outward, digging a ridge into the tie surface. At some point, when gauge goes beyond 56-1/2", the weakened rails may give way, leading to serious derailments.

One remedy for preventing gauge-stress is the Aldon® RAIL KICKER Rail Brace. When installed on sound ties on the outer curved rail, at every third or fourth tie, RAIL KICKER will help hold the gauge to 56-1/2". RAIL KICKER braces the head of the rail, where support is most needed.



How To Reduce Gauge-Stress.

Widening track gauge is a frequent cause of derailments in industrial rail yards. The wheels of passing trains exert considerable side-pressure against the rails. This causes the rails to momentarily flex outward as the wheels move by.

Curved track is more vulnerable to this stress than straight-line track. The outer curved rail takes the brunt of wheel side-pressure. The tighter the curve, the more pressure against the outer rail. (Look for wear patches on the gauge face of the rail as a sign.)

DON'T LET THIS HAPPEN TO YOU



INSPECT YOUR TRACK



In this example the LEFT RAIL needs bracing.

PROTECT SWITCH APPROACHES



RAIL KICKER Braces are good insurance against gauge-widening for curved track entering or leaving a switch, where wheel side pressure can be at its greatest.

4027-01 Weight 19 lbs.

How to Order:

Install a brace every third or fourth tie on the outer curved rail for the length of the curve. Please measure your rail height according to the sizing form on the website and return the form to us.

Base is 8" square. Overall length is 17".

Where Do I Install The Rail Kicker?

"ASK ALDON"

AskAldon@aldonco.com See page 62 for more details.

Track Gauge Spreader



Grabs rail head or base to pull or push rails into desired gauge.

Can be used in both regular track and within switches. One end of the head-of-rail Spreader model has a double jaw, one of which is offset to lift Spreader above switch point or heel block.



Gauging range 16 inches. Reversible ratchet wrench with flip key to change movement direction. Useful for correcting track after derailment and when installing gauge rods. Weight 24 lbs.

4023-50 Head of Rail (Non-Insulated)

4023-51 Base of Rail (Non-Insulated)

4023-52 Base of Rail (Insulated)

Gauge Control Rods



A simple preventive measure for gauge spread is to install double-ended gauge control rods every 8 feet in high traffic track. If your switches do not have gauge plates at the points end, install a double-ended gauge rod at the approach to the switch as well.

A pair of iron jaws at each end of the double-ended gauge rod grip the rail base to hold the rails to gauge and keep the rails upright against wheel pressure.



4127-01 (Single End Non-Insulated) Weight 28 lbs.

4127-01-I (Single End Insulated) Weight 28 lbs.



4127-02 (Double End Non-Insulated) Weight 38 lbs.

4127-02-I (Double End Insulated) Weight 38 lbs.

TRACK MAINTENANCE

Two-Piece Miracle Cart

Welded Aluminum
5,000 lb. load capacity

Why strain your back?
Each cart half weighs
only 49 lbs.

48" square expanded
aluminum grid.
Parking brake for
safety. Jack-knife ease
of installation on rail.
6" diameter insulated
aluminum wheels.

4025-03
Weight 98 lbs.



Two-Piece Steel Push Cart

Carts should be used on flat track only.



Track Bolt Ratchet Wrench

Powerful leverage and ratchet
convenience in one wrench.
Handle is 38" long, with 1"
square drive.

1" Square Drive Sockets

- 4124-140** 1-5/16" 8 pt.
- 4124-143** 1-1/2" 8 pt.
- 4124-144** 1-9/16" 8 pt.
- 4124-147** 1-3/4" 8 pt.
- 4124-149** 1-7/8" 8 pt.

Wrench only:
4123-112 Weight 11 lbs.



5,000 lb. capacity.
Each cart half weighs
93 lbs.
53" x 48" deck is non-skid
expanded steel.
Cart comes with U-shaped
push handle.
6" diameter insulated
aluminum wheels.
Parking brake holds
cart steady.



4025-02 Weight 185 lbs.

Magnetic Track Barrier and Sign Plate



Rectangular aluminum tube has powerful rare earth
magnets at each end that grip the rail surfaces. Will
withstand 60 mph wind pressure against sign plate.

18" wide by 24" tall .080" Engineer Grade reflectorized
aluminum sign plate (two standard wordings).

Barrier bar and sign plate are each sold separately.



4015-229
Weight 4 lbs



4015-245
Weight 4 lbs

4015-228 Magnetic Track Barrier Sign Holder (No Sign Plate)

Wood Track and Switch Broom

Tough polypropylene bristles clean out flangeways in flush rail as well as keep switch points and switch frogs clean of debris, ice, and snow. Handle end has chisel blade for small scraping jobs.

4023-19 Weight 3 lbs.



"Ice Breaker" Aluminum Track and Switch Broom

If you work in ice and snow, you will find this broom useful with its unbreakable aluminum handle. Safe for food processing industry.



4023-21 Weight 5 lbs.

Switch Stand Track Broom Holder

Keep a track broom ready to use at every switch stand. Pound spear point base into ballast near switch and bolt square steel tube holder to it.



4023-23 Weight 12 lbs.

Sliding Rail Anchor Fall Protection

The Sliding Rail anchor locks over the head of the rail and moves freely, giving complete freedom of movement and fall protection.

4124-49 For 90-136 lbs./yd. rail. Weight 6 lbs.



Switch Maintenance Guide

Information to keep your switches operating smoothly and safely. Order your free copy online.



GLIDEX Liquid Switch Stand Lubricant

Not soluble in water: Resists rain and snow. No build-up of dirt or dust on switch stand moving parts. Non-toxic synthetic ingredients. GLIDEX can be brushed, sprayed, or poured on switch points, throw rods, etc. 5 gallon bucket.

4123-128 Weight 35 lbs.



Sprayable Graphite Grease

Keeps switch points and switch rods from rusting and sticking. Flammable material shipping regulations apply.

4124-106 4 gals./case Weight 40 lbs.



Track De-Icer

Sold in 5 gallon containers. Non-flammable and diluteable. (Use with spray tank 4123-79)

4123-129 Weight 20 lbs.



Applicators

Brush

Long-bristle poly brush

4123-80



Spray Tank

Keep all moving parts of a switch operating smoothly. 3 gallon capacity

4123-79 Weight 10 lbs.

