

Hayco® Shock-Free® Head prolongs bumping post life... cuts equipment damage and protects lading

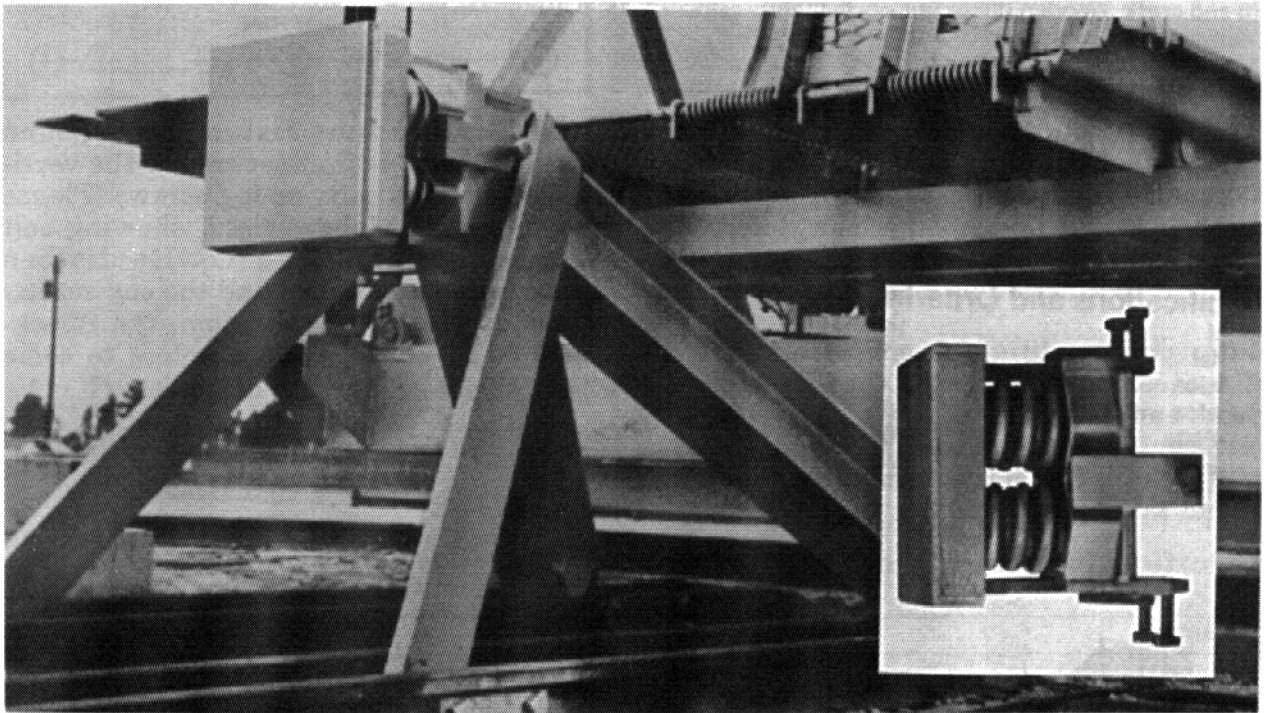
The W-C-H Hayco® Shock-Free® Head (U.S. Patent No. 2,860,582) pays for itself at every installation by prolonging bumping post life, cutting equipment damage at track-ends, and doing its share to decrease claims.

This rugged unit takes only about thirty minutes to install, but it can mean the difference between a troublesome and trouble-free track-end. Thousands are proving it every day, around the world.

Our Shock-Free® Head is a 435 pound cushioning unit which is applied to a railroad bumping post after it is in track.

It slips over the regular bumping post head and is made a part of the post by tightening the six cap screws provided.

Train impact is absorbed by compressing eight heavy springs which "float" between laminated rubber and fiber shock pads. As the Head compresses 1-5/8" from first coupler contact, the draft gear mechanism in the car comes into operation. At normal switching speed, the result is a shock-free final impact, protecting the bumping post, the car and the lading.



The 12-1/2" extension of the bumping post provided by the Shock-Free® Head, provides ample air hose clearance for Piggy-Back cars and Buck Unloaders.

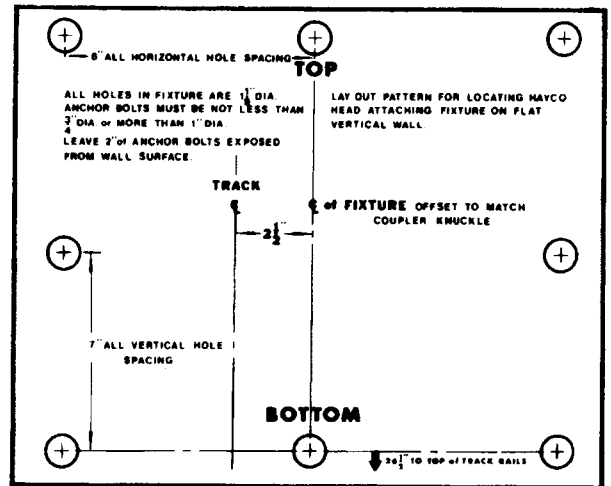
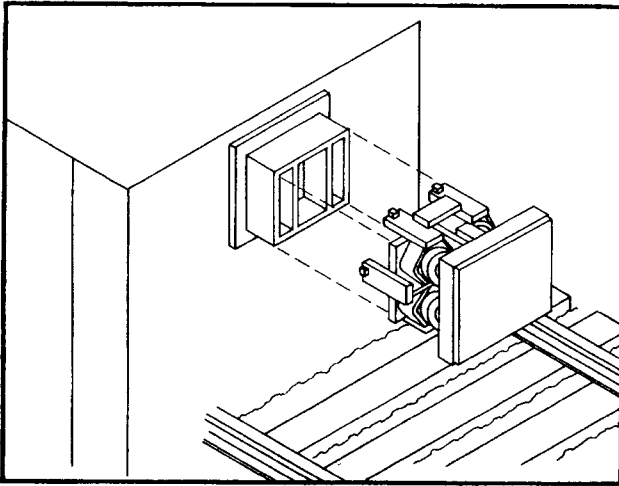
Specifications*

Weight	435 lbs
Striking Face	15" x 17"
Extension, Open	12-1/2"
Extension, Closed	10-7/8"

Compression	80,000 lb
Springs	8, nested in twos
Shock Pads	8, each 5/8" thick
Ordering Reference	Hayco® Shock-Free® Head

* See following page for Attaching Fixture that allows the Shock-Free® Head to be adapted for mounting on flat vertical surfaces.

Attaching Fixture gives added dimension to Hayco® Shock-Free® Head



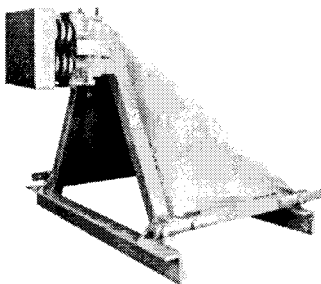
There is no substitute for a properly designed steel bumping post at a track end. Expensive concrete posts shift and crack. Wooden ramps quickly become deformed under impact. Retaining walls are usually too light to function as a car stop.

However, if conditions do not permit the use of a steel bumping post, the Shock-Free Head can be mounted on a flat vertical surface. Consult local civil engineer regarding capacity of the vertical surface you intend to use.

The W-C-H Attaching Fixture, a 145 pound steel weldment, is first secured to the vertical surface with bolts or lag screws. (Please refer to drawing, above right, showing bolt hole spacing.) The Shock-Free Head is then slipped onto the Fixture and the cap screws tightened. In this application, the Shock-Free Head permits car couplers to come within 19-1/4" of the end of track.

Specifications and Ordering Reference

Weight	145 lb
Material	3/4" hot rolled steel
Extension	6-3/4"
Extension with Head Mounted	19-1/4"
Back Plate	16" x 18"
Ordering Reference	W-C-H Attaching Fixture



Special Application- WR Bumping Post with Hayco® Shock-Free® Cushion Head (Optional).

This special design bumper can be made to accommodate track gauges from 36" to standard (4'8-1/2"). A variety of contact surface heights are available. The "Model WR" Bumping Post has been used for special application in mining and steel mills.

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