



1 x 2 Tube Frame with Wide Body Bolster  
Shown Mounted to Trucks



1 x 3 Tube Frame, Standard Body Bolster and End Sill  
Shown Upside Down

### Car Center Tube Frames, 1 1/2” Scale

Provides pulling strength to connect the couplers at each end of the car and bending strength to support the weight carried on the car. When used with our body bolsters they also connect the trucks and insure that the couplers are at the correct height.

- Available In Two Sizes Depending on the Size and Weight of The Car:
- Made of Steel Tubing - Furnished Completely Machined - Ready to Paint
- End Opening is 3/4” High to Fit Standard Coupler Shanks - Drilled and Tapped for 3/8” Diameter Shoulder Bolts (included) to Mount Coupler - Coupler Mounting Holes Provided at Two Locations for Standard Shanks and Loop Shanks
- Fits all Our 1 1/2” Scale Body Bolsters and End Sills Without Modification - All Bolt Holes Provided
- Includes Holes for Bolting To Car Floor (bolts not included)
- Complete Installation Instructions Furnished

Stock Number	Description	Cost	Weight	Packing Handling
15P3A	2” Straight Tube Frame, 42” Long (28’ scale), Trucks 7” In From Ends	\$70.00	11	\$10.00
15P3B	2” Straight Tube Frame, 48” Long (32’ scale), Trucks 8” In From Ends	\$75.00	12	\$10.00
15P3C	2” Straight Tube Frame, 54” Long (36’ scale), Trucks 9” In From Ends	\$80.00	14	\$10.00
15P3D	2” Straight Tube Frame, 60” Long (40’ scale), Trucks 10” In From Ends	\$85.00	15	\$10.00
15P3E	3” Straight Tube Frame, 54” Long (36’ scale), Trucks 9” In From Ends	\$110.00	18	\$10.00
15P3F	3” Straight Tube Frame, 60” Long (40’ scale), Trucks 10” In From Ends	\$120.00	20	\$10.00
15P3G	3” Straight Tube Frame, 75” Long (50’ scale), Trucks 12” In From Ends	\$145.00	24	\$10.00

## Car Body Bolsters, 1 1/2” Scale

The simplest way to mount our trucks to your car. Provides a smoothly operating and very strong mount without machining.

- CNC Machined from Heat Treated Aluminum Bar - Bead Blasted and Finished In Hard (type III) Black Anodize for Maximum Wear
- Fit Any of Our 1 1/2” Scale Trucks Without Modification - Top Surface is 4 7/8” (124mm) Above Top Of Rail Under Normal Load
- Available With Flat Top Surface or Recessed To Fit Under and Around Our 1” x 2” or 1” x 3” Rectangular Tube Center Frames (provides correct coupler mounting height)
- Includes Truck Mounting Bolts, Washers, and Self Locking Nuts - Includes Holes for Bolting To Car Floor (bolts not included) - Bolsters for Tube Frames Include Stainless Steel Mounting Bolts to Attach to Frame - Roller Versions Include Bearings
- Complete Installation Instructions Furnished

Stock Number	Description	Cost Per Pair	Weight	Packing Handling
15P2A	Body Bolster, Flat Top, 7 inch Width	\$79.00	7	
15P2B	Body Bolster, Recess for 1” by 2” Tube Center Frame, 7 inch Width	\$89.00	6	
15P2C	Body Bolster, Recess for 1” by 3” Tube Center Frame, 7 inch Width	\$89.00	6	
15P2D	Full Width Body Bolster, Flat Top, 14 3/4 inch Width	\$139.00	10	
15P2E	Full Width Body Bolster, Recess for 1” by 2” Tube Center Frame, 14 3/4 inch Width	\$139.00	9	
15P2F	Full Width Body Bolster, Recess for 1” by 3” Tube Center Frame, 14 3/4 inch Width	\$139.00	9	

## Car End Sills, 1 1/2” Scale

These parts provide a detailed frame end for your car construction. They can be used with wood or metal cars. The use of push poles was discontinued at different times by various railroads but they were generally gone by the 1940’s. Modern era cars with cushion under frames do not use end sills.

- CNC Machined from Heat Treated Aluminum Bar - Ready To Install and Paint
- Available In Three Mounting Methods:
  - Flat Back (to mount on any car design)
  - Recessed Back To Fit Over Our 1” x 2” Rectangular Tube Center Frame
  - Recessed Back To Fit Over Our 1” x 3” Rectangular Tube Center Frame
- Recessed Back Designs Include Threaded Mounting Holes, Mounting Brackets and Stainless Steel Hardware (attaches sill to center tube, floor, and/or outside frame - a pair of sills add one inch to total length of center tube)
- Includes Complete Installation Instructions

Stock Number	Description	Cost Per Pair	Weight	Packing Handling
15P1A	Car End Sill, Plain Face, Flat Back, 12" Width (8' scale width)	\$79.00	4	
15P1B	Car End Sill, Plain Face, Flat Back, 15" Width (10' scale width)	\$84.00	5	
15P1C	Car End Sill, Plain Face, Flat Back, 18" Width (12' scale width)	\$89.00	6	
15P1D	Car End Sill, With Push Pole Pockets, Flat Back, 12" Width (8' scale width)	\$89.00	4	
15P1E	Car End Sill, With Push Pole Pockets, Flat Back, 15" Width (10' scale width)	\$94.00	5	
15P1F	Car End Sill, With Push Pole Pockets, Flat Back, 18" Width (12' scale width)	\$99.00	6	
15P1G	Car End Sill, Plain Face, 1 x 2 Recess Back, 12" Width (8' scale width)	\$104.00	5	
15P1H	Car End Sill, Plain Face, 1 x 2 Recess Back, 15" Width (10' scale width)	\$109.00	6	
15P1I	Car End Sill, Plain Face, 1 x 2 Recess Back, 18" Width (12' scale width)	\$114.00	7	
15P1J	Car End Sill, With Push Pole Pockets, 1 x 2 Recess Back, 12" Width (8' scale width)	\$114.00	5	
15P1K	Car End Sill, With Push Pole Pockets, 1 x 2 Recess Back, 15" Width (10' scale width)	\$119.00	6	
15P1L	Car End Sill, With Push Pole Pockets, 1 x 2 Recess Back, 18" Width (12' scale width)	\$124.00	7	
15P1M	Car End Sill, Plain Face, 1 x 3 Recess Back, 12" Width (8' scale width)	\$104.00	5	
15P1N	Car End Sill, Plain Face, 1 x 3 Recess Back, 15" Width (10' scale width)	\$109.00	6	
15P1O	Car End Sill, Plain Face, 1 x 3 Recess Back, 18" Width (12' scale width)	\$114.00	7	
15P1P	Car End Sill, With Push Pole Pockets, 1 x 3 Recess Back, 12" Width (8' scale width)	\$114.00	5	
15P1Q	Car End Sill, With Push Pole Pockets, 1 x 3 Recess Back, 15" Width (10' scale width)	\$119.00	6	
15P1R	Car End Sill, With Push Pole Pockets, 1 x 3 Recess Back, 18" Width (12' scale width)	\$124.00	7	