

Missouri Pacific Express Box Car

To finish this kit, you will need:

Detail Associates	#2504 - .012 wire
	#2510 - .040 wire
	#6215 - cut lever
Evergreen Styrene	#175 - .100 X .100
Walthers	#920-2214 - GSC Express trucks
Kadee	#26 couplers
	#2024 Champion Peacock for cars #135 - #159
	#2023 Universal For cars #160 - #184
A-Line	#29002 Style C stirrups
Tichy	#3015 Drop grab irons
	# 3021 Straight grab irons
	# 3013 AB brake gear

Start by cleaning the flashing from the resin parts and then wash them in a mild dish soap to remove the mold release.

With the evergreen .100 X .100, cut 2 pieces to the length of the sides. ACC each piece to the top inside of each side flush with the top.

ACC 1 end to each wall and let dry. Then ACC the 2 together.

With the roof piece, clean the ends where they fit over the ends to make it fit right.

Once it looks good, tack glue each to each end centered. Then tack glue the rest of the roof to the sides keeping the roof edge consistent down the sides.

Cut 8 pieces of .100 X .100 styrene to scale 7" and glue one in the in each inside corner and then 2 on each side about 22" from each end for floor stops.

The floor may need some filing to fit inside the shell. Set aside once it is good.

Drill the holes for the grabs 2' and 4' from the bottom corners in the seam of the side and end and then 18" to the side. The "L" shape grabs on the ends are 40" tall and bend inward 30". Use the .012 wire for these. Drill the hole for the drop grabs on each side of the coupler and install. Drill the holes for the stirrups and install.

Use the Tichy brake parts and add to one end of the car. Use your choice of brake wheel for the number series that you plan on building.

With the floor piece, drill the holes for the couplers and trucks. Add brake details.

I used the .040 wire and made the steam line that hangs low on the car. I used Athearn handrail stanchions for the supports.