

MAC Rail ^{LLC.}

Model Train Products & Services



HO Scale 1:87

Removable
EOT Devices & Flags
(Kadee #5 & #58 compatible)

EOT Storage Racks

Ballast Car Solar Panel Kits

Modern Era Accessories



Quality Texas made products for the modeller & operator

www.macrailproducts.com

PRODUCT CATALOG

2021.01

DIRECTORY

PAGE 3 - 4 COMING SOON

PAGE 5 - 10 END OF TRAIN

PAGE 11 - 33 RAILCAR & INTERMODAL

PAGE 34 - 45 LOCOMOTIVE

PAGE 46 FINDING OUR PRODUCTS



COMING SOON

MAC-844 Ballast Hopper Conversion Kit

Includes all instructions, parts, and decals to convert Atlas Trainman aluminum hopper into a Herzog "Candy Cane" ballast car.

Prototype Example: HZGX 10006



Pre-production model

MAC-845 Protein Hopper Lid

Includes one piece lid and separately applied cover. Prototype hauls Cargill "Sweetbran" feed from Iowa to Texas Panhandle. Fits universally on all Bethgon models.

Prototype Example: SBTX 33141



Pre-production model

MAC-846 "Cali" Coke Hopper Lid

Includes one piece lid and structure parts to model GATX 100-ton 3 bay hoppers used to haul petroleum coke from California refineries.

Prototype Example: GABX 128



Pre-production model

COMING SOON

MAC-200 Trackside Shunt Boxes

Our first right of way product!

Model the familiar vertical mounted shunt boxes founded at block boundaries in CTC territory. Kit will come with in multi-pack, painted, and decals.



MAC-851 PTC Stand "Dash 9" Style

(4) Pack of "V" supported PTC antenna stands found on BNSF Dash 9 locomotives.

Prototype Example: BNSF



MAC-852 PTC Array (BNSF #2)

Model includes the slightly longer array variation seen mounted directly to roofs of SD60Ms and also on Dash 9 "V" Stands



MAC-853 Mini GPS Stand & Mini-GPS "Puck"

Model will include the Mini GPS stand that mounts above headlight and also include "Puck" Mini-GPS unit that mounts on top.

END OF TRAIN DEVICES & ACCESSORIES



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(RT) Modern EOT Device "Regular Coupler – KD #5" (3 Pack)

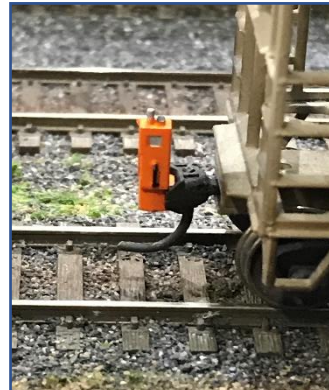
MSRP \$20.00

MAC-901(RT)	Orange w/ red reflective
MAC-902(RT)	Yellow w/ red reflective
MAC-903(RT)	Red w/ white reflective
MAC-904(RT)	Gray w/ red reflective
MAC-905(RT)	Blue w/ white reflective
MAC-906(RT)	Light Blue w/ white reflective
MAC-907(RT)	Light Green w/ red reflective

Features

- Hand painted details
- 3M Scotchlite reflective tape cut to scale size
- Glow in dark phosphorescent red paint (rear light location) can glow when charged with light source
- Simply "Twist In" to install and "Twist Out" to remove

Compatible with Kadee #5 type couplers and other similarly designed couplers from other manufacturers



(S) Modern EOT Device “Scale Coupler – KD #58” (3 Pack)

MSRP \$20.00

MAC-901(S)	Orange w/ red reflective
MAC-902(S)	Yellow w/ red reflective
MAC-903(S)	Red w/ white reflective
MAC-904(S)	Gray w/ red reflective
MAC-905(S)	Blue w/ white reflective
MAC-906(S)	Light Blue w/ white reflective
MAC-907(S)	Light Green w/ red reflective

Features

- Hand painted details
- 3M Scotchlite reflective tape cut to scale size
- Glow in dark phosphorescent red paint (rear light location) can glow when charged with light source
- Simply “Twist In” to install and “Twist Out” to remove

Compatible with Kadee #58 type couplers and other similarly designed couplers from other manufacturers



(RT) 1980s/1990s EOT Device "Regular Coupler – KD #5" (3 Pack)

MSRP \$20.00

- MAC-920(RT) "Silver Box"
- MAC-921(RT) "Red Box"
- MAC-922(RT) "Fin"
- MAC-923(RT) "Red Bandit"

(S) 1980s/1990s EOT Device "Scale Coupler – KD #58" (3 Pack)

MSRP \$20.00

- MAC-920(S) "Silver Box"
- MAC-921(S) "Red Box"
- MAC-922(S) "Fin"
- MAC-923(S) "Red Bandit"

Features

- Hand painted details
- 3M Scotchlite reflective tape cut to scale size
- Features individual stones to mimic light effect
- Simply "Twist In" to install and "Twist Out" to remove

Compatible with Kadee #5 type couplers and other similarly designed couplers from other manufacturers



920 "Silver Box"



921 "Red Box"



922 "Fin"



923 "Red Bandit"

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EOT Storage Rack (Small)

MAC-910 Aluminum w/ rust weathering
 MAC-912 Yellow w/ rust weathering

MSRP \$11.00

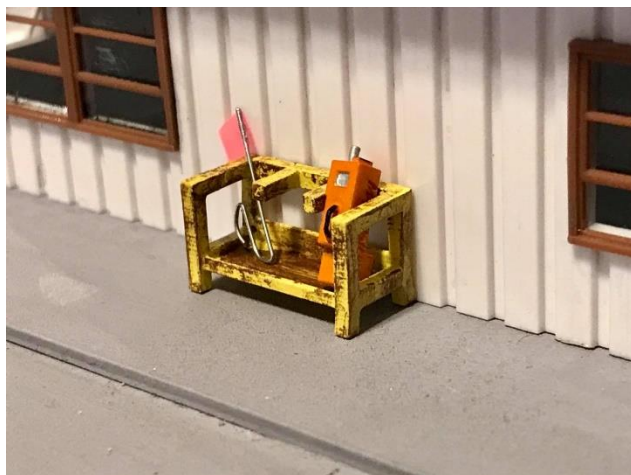
EOT Storage Rack (Large)

MAC-911 Aluminum w/ rust weathering
 MAC-913 Yellow w/ rust weathering

MSRP \$20.00

Features

- 3D print is designed for durability as operable detail
- Dry brush weathering with matte coat
- Rack is 50% wider than previous version making it easier to hold EOTs
- Divided compartments make efficient use of rack space
- Small rack can store up to 3 EOTs, while large rack will hold 6 EOTs
- Will add character to any yard office or scene for safe storing of MAC Rail EOTs.



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EOT Flag (2 Pack)

MAC-950

MAC-951

Orange Flag

Red Flag

MSRP \$6.00

Features

- Hand crafted piano wire frame
- Durable high visibility bright orange or red flag
- Adjustable with needle nose pliers to fit all coupler types
- Storable on side of MAC Rail EOT Storage Rack



RAILCAR & INTERMODAL ACCESSORIES



MAC-801 CSXT Version 1 "Plate" Ballast Car Solar Panel Kit

MSRP \$19.98

Kit includes:

Two top end rectangle mount solar panels

Two side mount rectangle solar panels

Two pieces of styrene strip for bracket support

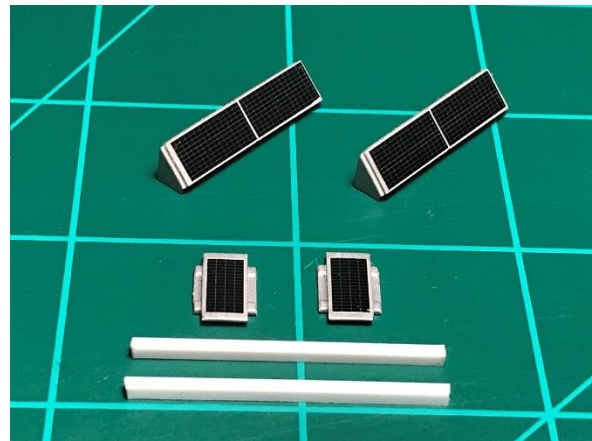
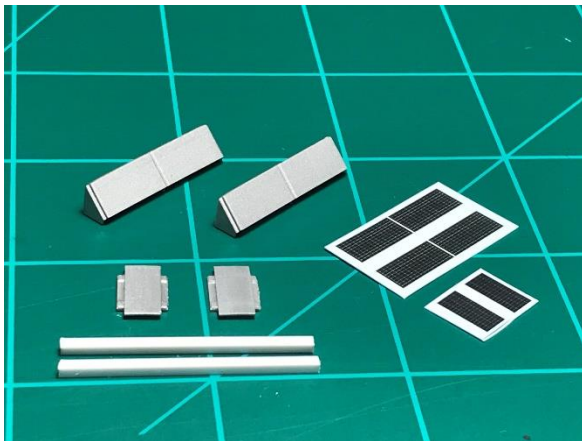
Custom decals for solar panels

Painted in aluminum

Gloss applied - ready for decaling

Will complete one prototype CSXT car

(Prototype Example: CSXT 966316)



MAC-802 CSXT Version 2 "Angle" Ballast Car Solar Panel Kit

MSRP \$19.98

Kit includes:

Two top end rectangle mount solar panels

Two side mount rectangle solar panels

Two pieces of styrene strip for bracket support

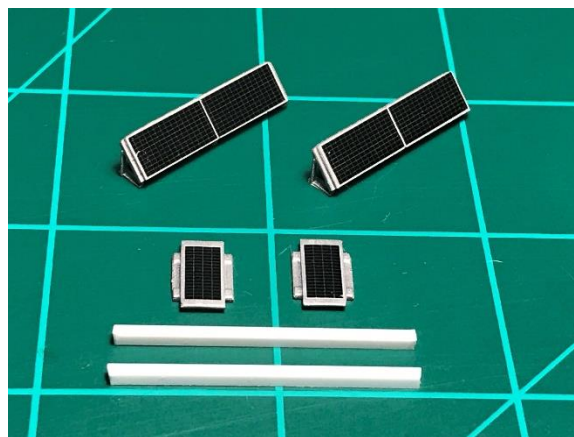
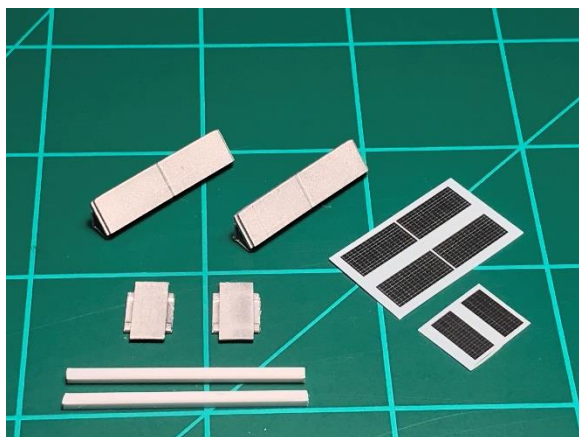
Custom decals for solar panels

Painted in aluminum

Gloss applied - ready for decaling

Will complete one prototype CSXT car

(Prototype Example: CSXT 966047)



MAC-803 CSXT Version 3 "Side" Ballast Car Solar Panel Kit

MSRP \$9.99

Kit includes:

Two side mount rectangle solar panels

Custom decals for two solar panels

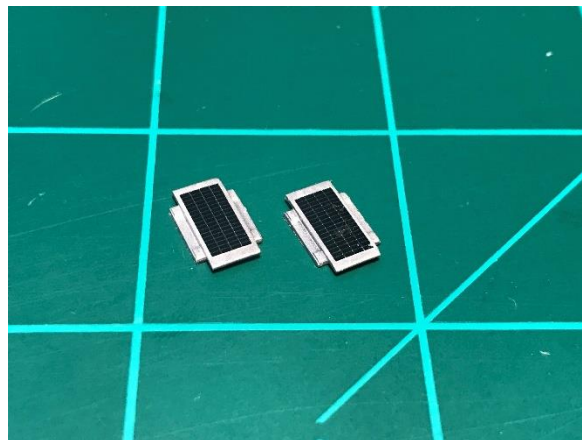
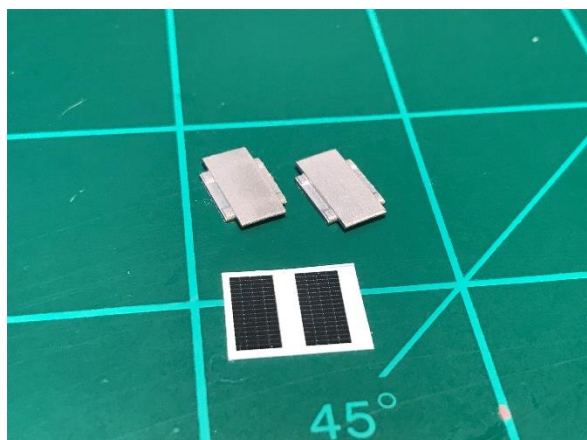
Painted in aluminum

Gloss applied - ready for decaling

Will complete one prototype CSXT car

****Also suitable for Amtrak****

(Prototype Example: CSXT 967107)



MAC-804 BNSF Version 1 "Small" Ballast Car Solar Panel Kit

MSRP \$9.99

Kit includes:

Two side mount rectangle solar panels

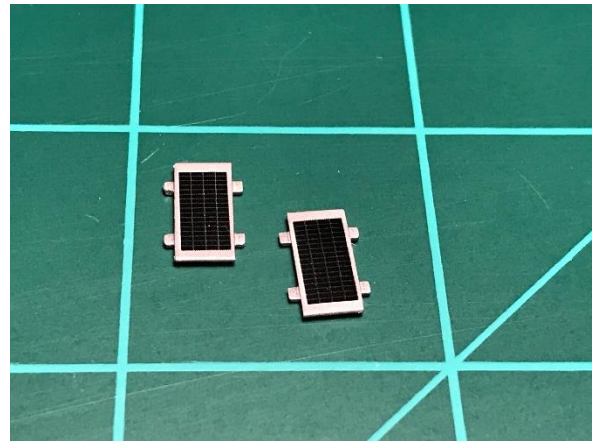
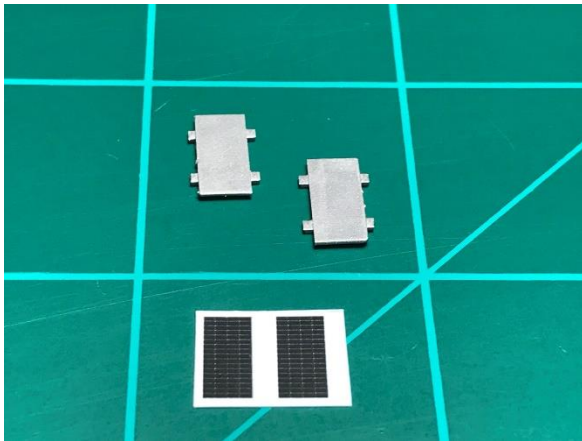
Custom decals for two solar panels

Painted in aluminum

Gloss applied - ready for decaling

Will complete one prototype BNSF car

(Prototype Example: BNSF 914347)



MAC-805 BNSF Version 2 "Medium" Ballast Car Solar Panel Kit

MSRP \$9.99

Kit includes:

Two side mount rectangle solar panels

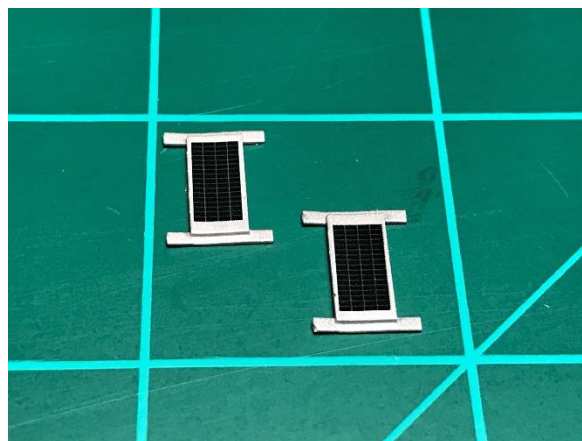
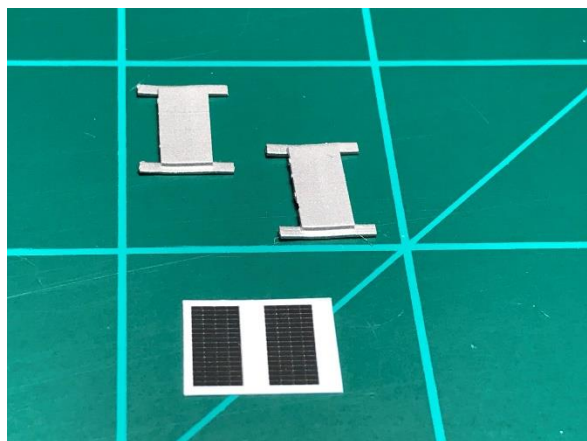
Custom decals for two solar panels

Painted in aluminum

Gloss applied - ready for decaling

Will complete one prototype BNSF car

(Prototype Example: BNSF 912252)



MAC-806 BNSF Version 3 "Large" Ballast Car Solar Panel Kit

MSRP \$10.49

Kit includes:

Two side mount square solar panels

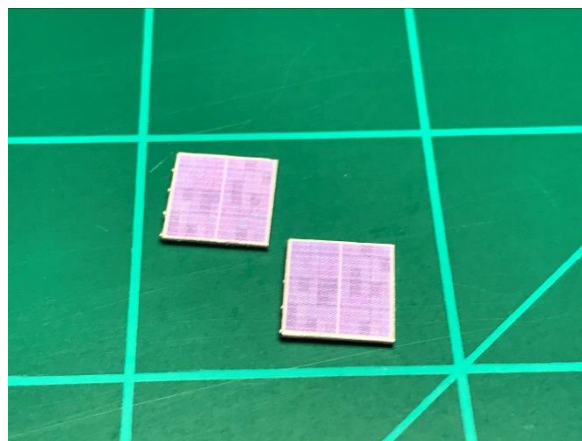
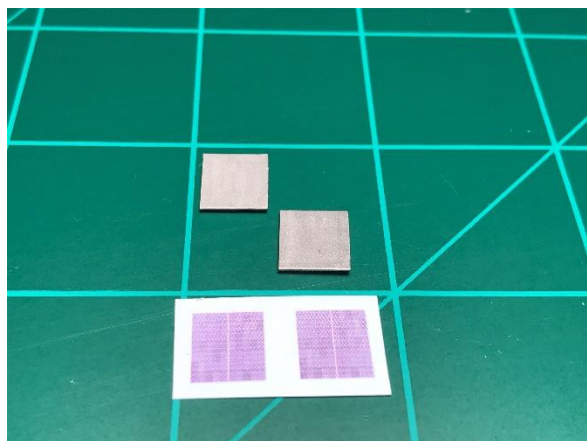
Custom decals for two solar panels

Painted in aluminum

Gloss applied - ready for decaling

Will complete one prototype BNSF car

(Prototype Example: BNSF 914171)



MAC-807 UP Version 1 "End" Ballast Car Solar Panel Kit

MSRP \$9.49

Kit includes:

Two end mount square solar panels

Custom decals for two solar panels

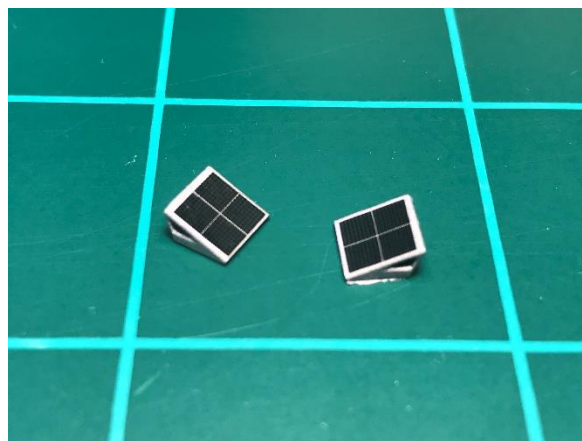
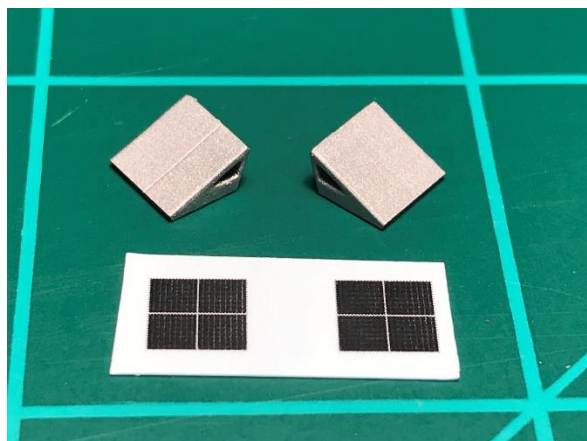
Painted in aluminum

Gloss applied - ready for decaling

Will complete one prototype UP car

****Also suitable for Amtrak****

(Prototype Example: UP 921059)



MAC-808 UP Version 2 "Top" Ballast Car Solar Panel Kit

MSRP \$10.49

Kit includes:

Two top mount roof peak solar panels

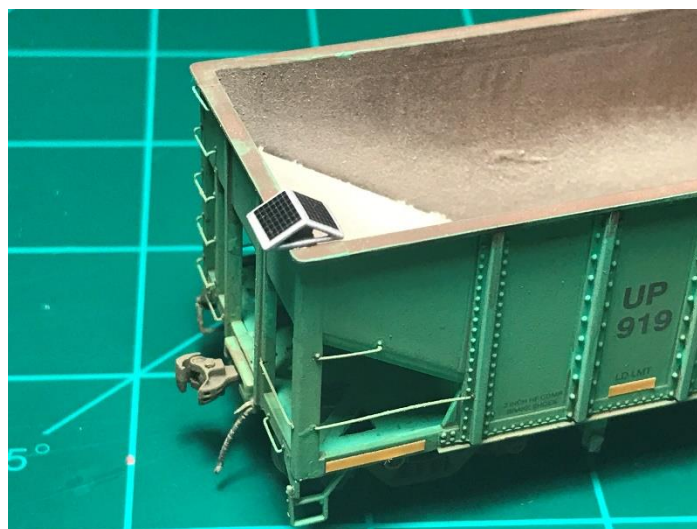
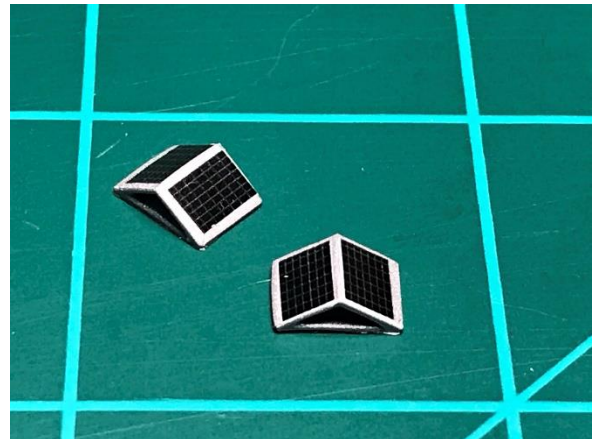
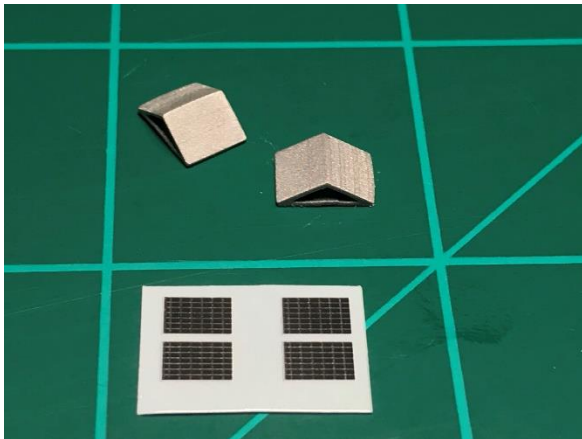
Custom decals for two solar panels

Painted in aluminum

Gloss applied - ready for decaling

Will complete one prototype UP car

(Prototype Example: UP 920066)



MAC-809 Herzog Version "Top" Ballast Car Solar Panel Kit

MSRP \$10.99

Kit includes:

Two top mount roof peak solar panels

Custom decals for two solar panels

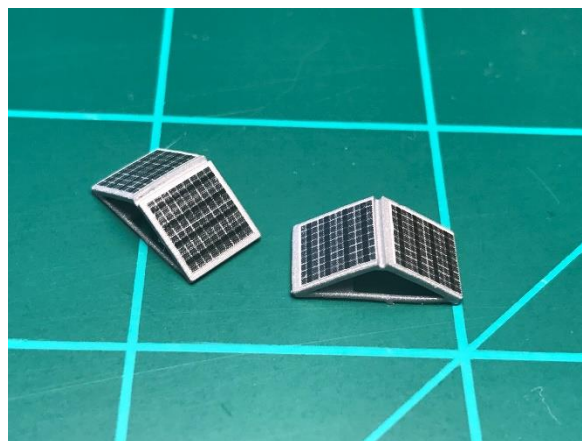
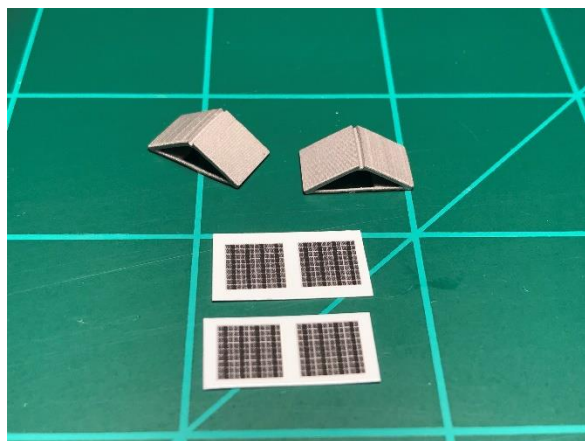
Painted in aluminum

Gloss applied - ready for decaling

Will complete one or two prototype cars

(Prototype Example: HZGX 10170 - 2 peaks)

(Prototype Example: HZGX 9158 - 1 peak)



MAC-810 RJ Corman Version "Side" Ballast Car Solar Panel Kit

MSRP \$8.49

Kit includes:

Two side mount square solar panels

Custom decals for two solar panels

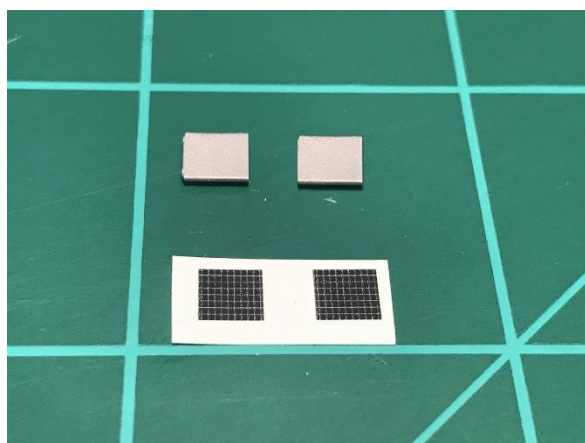
Painted in aluminum

Gloss applied - ready for decaling

Will complete one prototype RJ Corman

****Also suitable for Amtrak****

(Prototype Example: RJCC 953310)



MAC-820 Ballast Car door control / battery box (Pack of 2)**MSRP \$9.98**

Kit includes:

Two side door control / battery boxes

Painted in boxcar red with hand painted detail

Represents generic version found on cars

Mounts on "A" END of car

Ready to install out of package



MAC-821 Ballast Dump Door (Version #1 – Long / 4 Pack)

MSRP \$17.99

Kit includes:

Four ballast doors

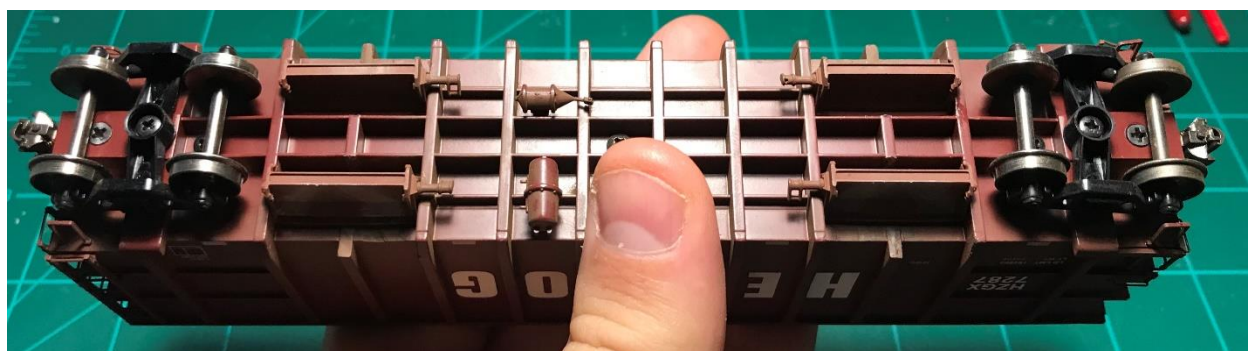
Painted in primer red - ready for install on Athearn Thrall Gondola (Herzog - Brown scheme)

Will complete one prototype Herzog car

(Prototype Example: HZGX 9158 - 1 peak)

** Athearn railcar not included **

** Install guide located on MAC Rail Installation page **



MAC-822 Ballast Dump Door (Version #2 – Long / 4 Pack “NO CUT”)

MSRP \$17.99

Kit includes:

Four ballast doors

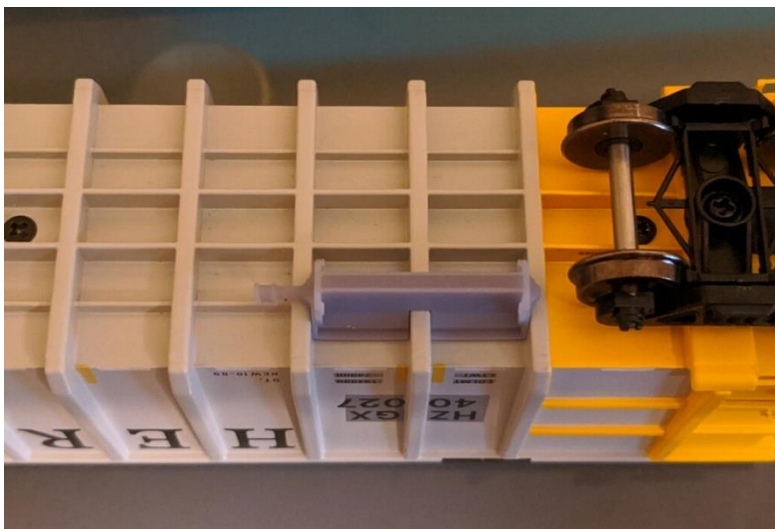
Painted in primer red - ready for install

“NO CUT” design allows quick and easy add to Athearn Thrall Gondola with zero modifications

Will complete one prototype Herzog car

(Prototype Example: HZGX 9158 - 1 peak)

** Athearn railcar not included **



MAC-823 Ballast Dump Door (Version #3 – Short / 4 Pack)

MSRP \$13.99

Kit includes:

Four ballast doors

Painted in primer gray

Ready for installation on modeler specific kitbash ballast car.

Will complete one prototype ballast hopper



MAC-824 "Home Shop" Ballast Hopper Lid

MSRP \$18.49

Kit includes:

3D Resin printed lid

Prototype designed to keep out snow/ice

Painted in red-brown primer and lightly weathered with powders

Ready for final weathering and service

Compatible with following HO Scale models:

Bowser 70 ton Ballast Hopper (pictured)

MDC Cement Hopper (kitbashed top)



MAC-840 Hospital Flat Pedestal Kit

MSRP \$11.00

Kit includes:

Two pedestals for wrecked railcar to sit on

One tool box that mounts next to "B" End pedestal

Painted in gray primer for final kitbash assembly and painting

(Prototype Example: QUAX flatcars > there are numerous versions based on the flatcars lineage)

** Finished kit shown on flatcar (not included)

** Install tips of our kitbash located on our MAC Rail Installation page **



MAC-840D Hospital Flat Decal Set

MSRP \$4.00

Kit includes:

(1) Set of custom designed decals for completing a QUAX "Redstreak" 89' standard deck hospital flat.

Notes

Photos provided for reference - please refer to www.rrpicturesarchives.net for prototype specific placement as they vary per car.

** Railcar, chains, and load do not come with kit **

** Pedestal Flat and toolbox sold separately as MAC-840 **



MAC-844D Herzog Ballast Hopper Decal Set

MSRP \$10.00

Kit includes:

(1) Set of custom designed decals for completing a Herzog HZGX 10000 series hopper.

Notes

Photos provided for reference - please refer to www.rrpicturesarchives.net for prototype specific placement as they vary per car. Designed for HZGX 10006-10380 series "Candy Cane" painted ballast hoppers converted from bethgon type hoppers.



MAC-841 26' Gondola Lid (Early Style)

MSRP \$10.00

Color: White

Railcar Compatible:

Athearn 26' High Side Ore Car

MDC 26' High Side Ore Car

This gondola lid is 3D printed capturing the look of fiberglass type lids seen on rail networks around the world. Finished in white, this model is ready to use from the package. Lid easily fits and stays on noted compatible railcars through four nubs on each underside corner. Model comes with pack of "Short" type locks based on researched prototype which are easily placed on model using glue. "Tall" type locks are available separately if wishing to change out from "Short" style in our (Railcar Covers & Lids Section).

Early lid shown on Athearn 26' High Side Ore Car



MAC-842 52.5' Gondola Lid (Early Style)

MSRP \$20.00

Color: White

Railcar Compatible:

Atlas Thrall 2347 Gondola

Exactrail Thrall 2347 Gonolda

Walthers Thrall Gondola

Tangent G43 Gondola

Rapido 52.5' Gondola (Modifications required on gondola > removal of corner castings and grab irons from the top of gondola edges)

This gondola lid is 3D printed capturing the look of fiberglass type lids seen on rail networks around North America. Finished in white, this model is ready to use from the package. Lid easily fits and stays on noted compatible railcars through four nubs on each underside corner. Model comes with pair of Tichy 18" drop style grab irons, accessory placement guide, and pack of "Short" type locks based on researched prototype. "Tall" type locks are available separately if wishing to change from style provided and found in (Railcar Covers & Lids Section).

Early lid shown on Exactrail Thrall 2347 gondola with "Short Locks"



MAC-843 52.5' Gondola Lid (Late Style)

MSRP \$20.00

Color: White

Railcar Compatible:

Atlas Thrall 2347 Gondola

Exactrail Thrall 2347 Gonolda

Walthers Thrall Gondola

Tangent G43 Gondola

Rapido 52.5' Gondola (Modifications required on gondola > removal of corner castings and grab irons from the top of gondola edges)

This gondola lid is 3D printed capturing the look of fiberglass type lids seen on rail networks around North America. Finished in white, this model is ready to use from the package. Lid easily fits and stays on noted compatible railcars through four nubs on each underside corner. Model comes with pair of Tichy 18" drop style grab irons, accessory placement guide, and pack of "Short" type locks based on researched prototype. "Tall" type locks are available separately if wishing to change from style provided and found in (Railcar Covers & Lids Section).

Late lid shown on Atlas Thrall 2347 gondola with "Tall Locks"



MAC-890 "Short" Locks (4 Pack)

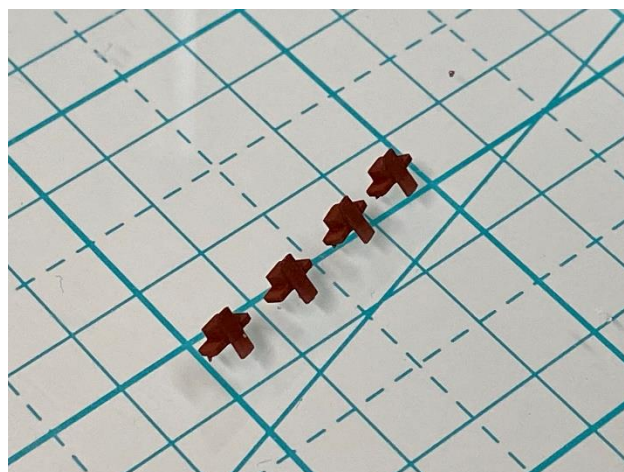
MSRP \$2.50

Painted in primer red

Use these locks with your MAC Rail gondola lids to model the locks that are used to secure the lid to railcar. Locks included in each lid kit, however sold as separate pack if wishing to change type of locks on lid.

** Lid sold separately from this kit **

** Gondola not included **



MAC-891 "Tall" Locks (4 Pack)

MSRP \$2.50

Painted in primer red

Use these locks with your MAC Rail gondola lids to model the locks that are used to secure the lid to railcar. Locks included in each lid kit, however sold as separate pack if wishing to change type of locks on lid.

** Lid sold separately from this kit **

** Gondola not included **



MAC-1100 Reefer Trailer Cage "Martrac" Style

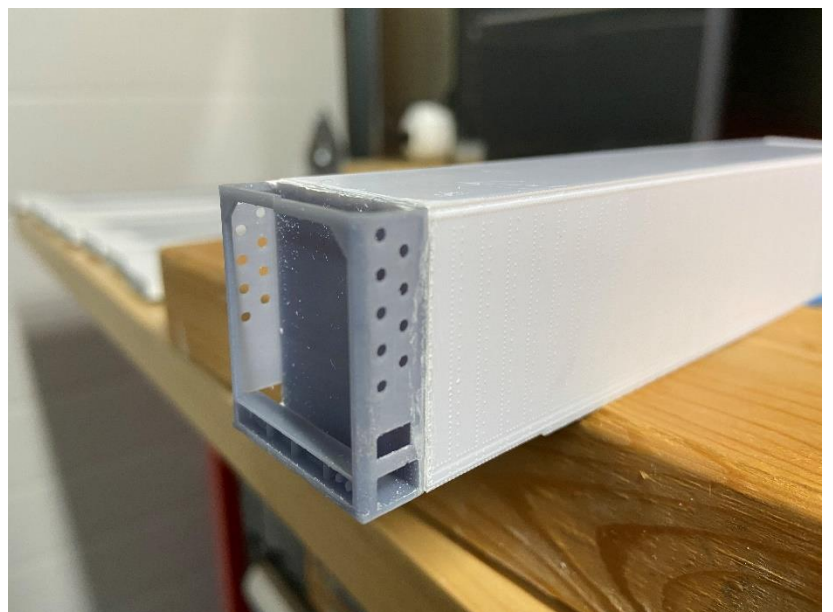
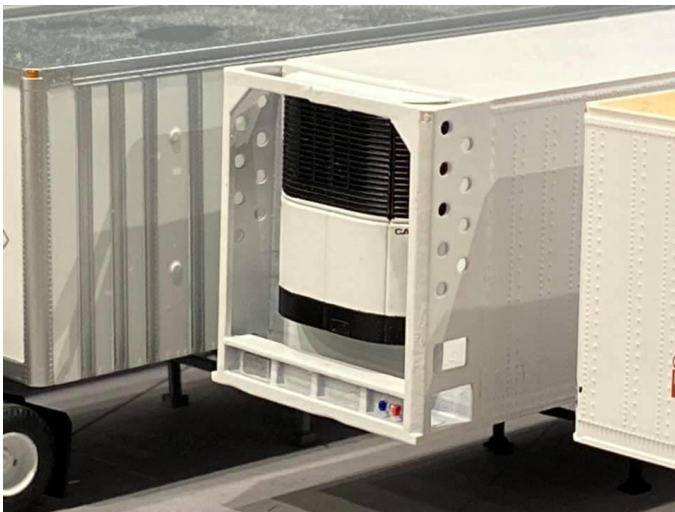
MSRP \$8.00

(1) 3D printed reefer cage in primer

Designed to fit on Walthers 45, 48, and 53' Stoughton trailer kits with removal of front 2' of trailer nose. Prototype trailers by used by Martrac and UPS Logistics Group were both 45' and 48' trailers.

Trainlife Magazine article on UPS intermodal equipment:

<http://original.trainlife.com/magazines/pages/415/30425/march-1996-page-15>



LOCOMOTIVE ACCESSORIES



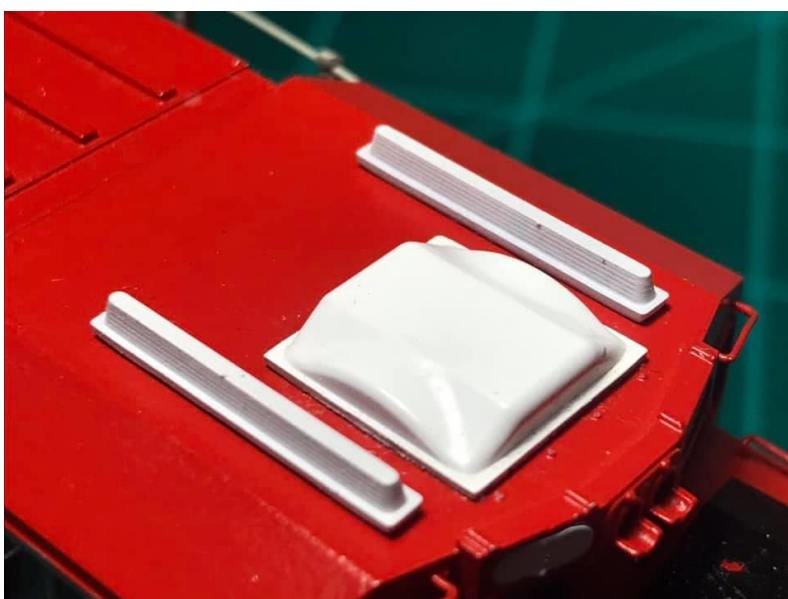
MAC-830 PTC Antenna ("Track" Type - Long / 4 Pack)

MSRP \$11.99

Kit includes:

(4) "Track" type antennae's - long style

Painted in white finish, ready for install on locomotive



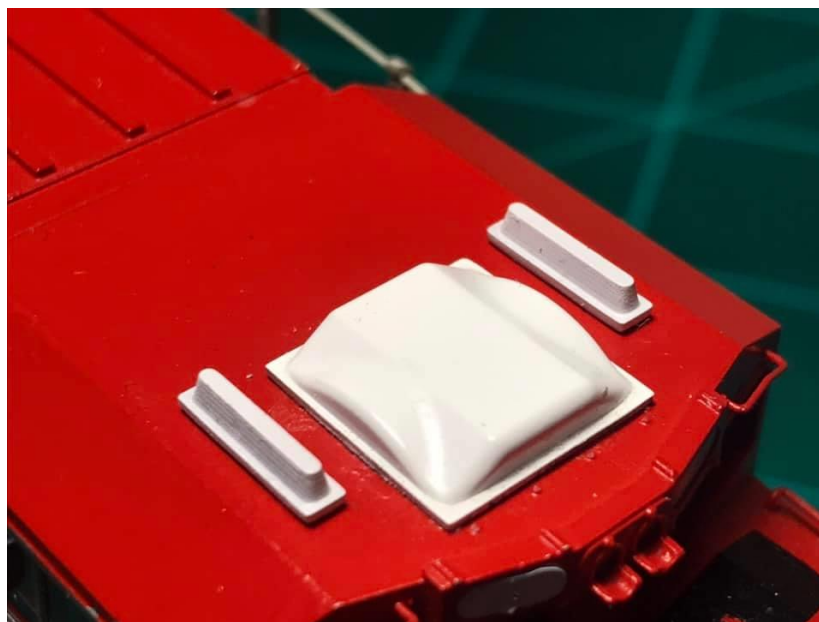
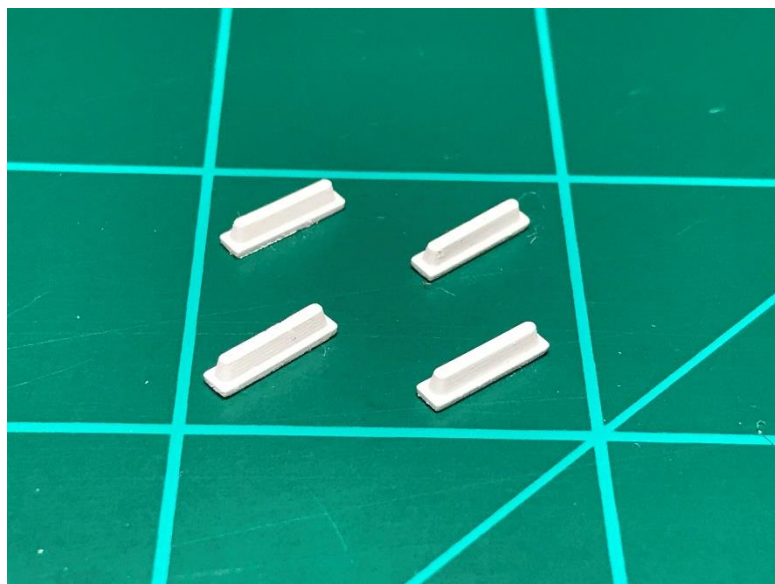
MAC-831 PTC Antenna ("Track" Type - Short/ 4 Pack)

MSRP \$8.99

Kit includes:

(4) "Track" type antennae's - Short style

Painted in white finish, ready for install on locomotive



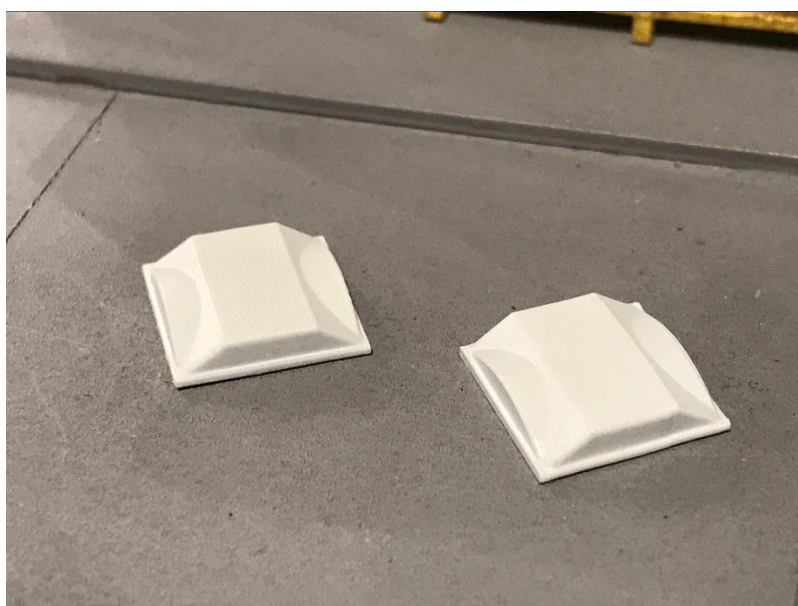
MAC-832 GPS Dome "Large – Square" (2 Pack)

MSRP \$6.49

Kit includes:

(2) large GPS domes

Painted in white finish, ready for install on locomotive



MAC-833 GPS Dome "Small – Round" (4 Pack)

MSRP \$6.50

Kit includes:

(4) small GPS dome

Painted in white finish, ready for install on locomotive



Shown also with MAC-830 "Track" Long antenna and MAC-838 "Track" antenna stand



MAC-834 PTC Numberboard (2 Pack)**MSRP \$8.25**

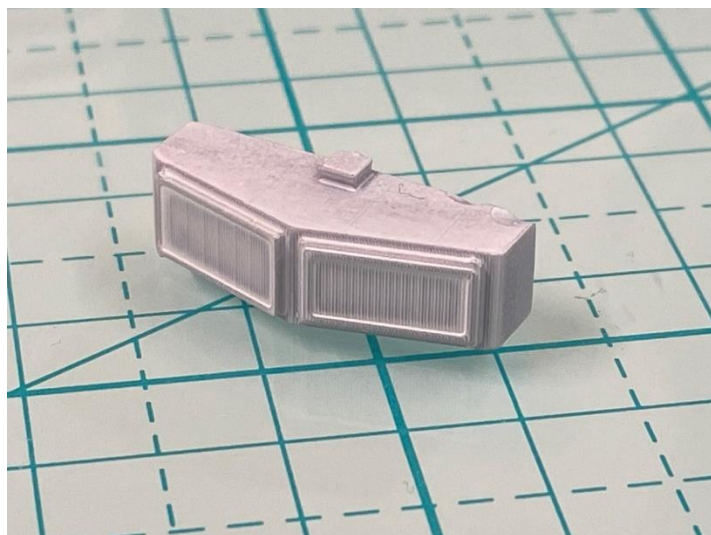
Kit includes:

(2) PTC numberboards in primer.

Designed to fit conventional EMD cab from KATO, Athearn, Atlas, Intermountain.

Some sanding required for best fit.

***** Numberboard decals to fit this part coming June 2021 *****



MAC-835 Rooftop A/C Protection Rack (2 Pack)

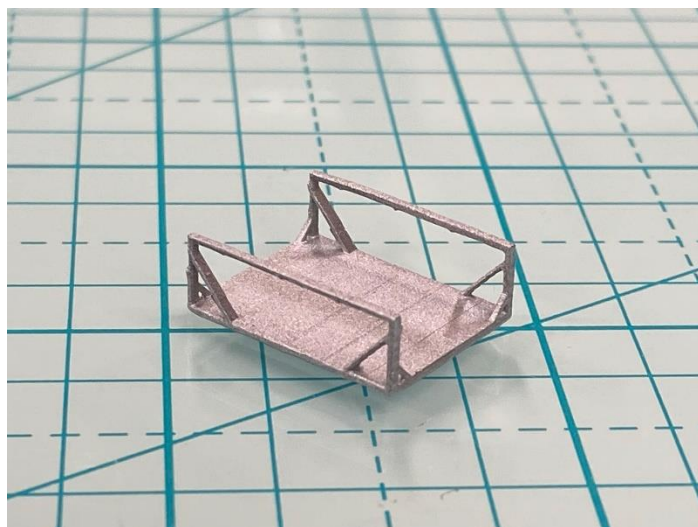
MSRP \$8.50

Kit includes:

(2) Rooftop A/C Protection Racks

Painted in aluminum color, ready for install on locomotive.

Pair with MAC-836 RV A/C "Square" or MAC-837 RV A/C "Sleek". Protection rack also compatible with other RV type A/Cs available on HO Scale market.



Shown also with MAC-836 "Square" A/C, MAC-837 "Sleek" A/C, and MAC-838 "PTC Array #1", and MAC-33 "Small round GPS"



MAC-836 RV A/C "Square" Type (4 Pack)

MSRP \$8.00

Kit includes:

(4) "RV Square" type air conditioners

Painted in white finish, ready for install on locomotive.

Pair with our MAC-835 Rooftop A/C Protection Rack

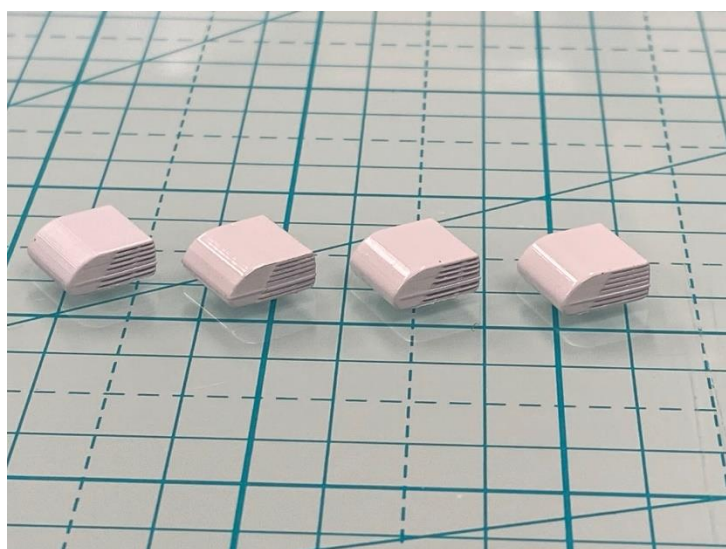


MAC-837 RV A/C "Sleek" Type (4 Pack)

MSRP \$8.00

Kit includes:

Kit includes: Four "RV Sleek" type air conditioners
Painted in white finish, ready for install on locomotive.
Pair with our MAC-835 Rooftop A/C Protection Rack



MAC-838 PTC Stand & Antenna Array "BNSF #1" (1 Pair)

MSRP \$10.00

Kit includes:

(2) PTC Stands

(2) PTC Antenna Arrays

Stand painted in aluminum color. Antenna Array comes in primer ready for final paint as determined by modeler.



Shown also with MAC-835 Rooftop A/C Protection Rack



Photo: John Parker

MAC-839 PTC Stand "Track" Type Antenna (4 Pack)

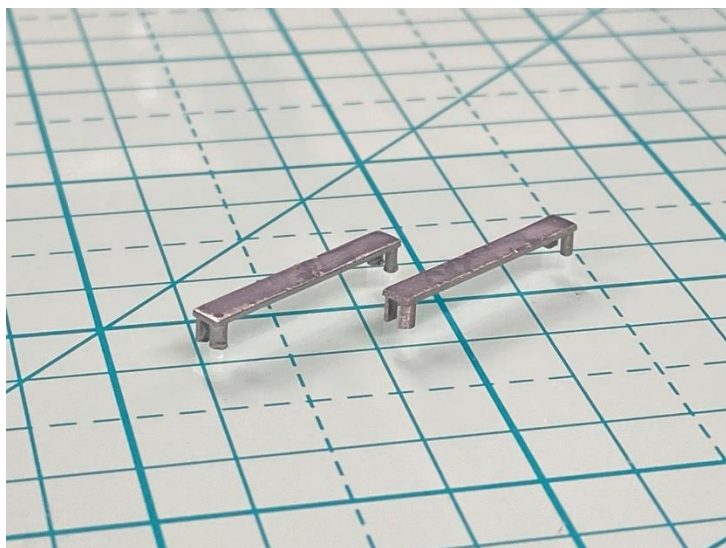
MSRP \$8.00

Kit includes:

(4) PTC Stands "Track Type"

Painted in aluminum color, ready for final installation.

Pair with our PTC Antenna "Track" Type (MAC-830 Short Version or MAC-831 Long Version)



Shown also with MAC-830 "Track" Long Antenna



Photo: John Parker

MAC-850 PTC Stand Only (4 Pack)

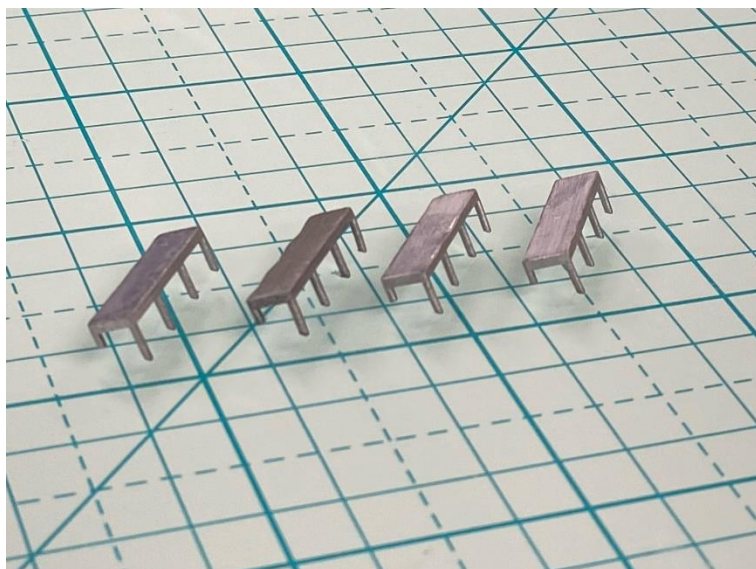
MSRP \$8.00

Kit includes:

(4) PTC Stands

Stand painted in aluminum color ready for install.

Can be used with PTC or Remote Control Locomotive type equipment.



Shown also with MAC-841 "Track" Short Antenna



Photo: John Parker

Where to buy our products?

- **MAC Rail Direct**
 - www.macrailproducts.com/shop

- **MAC Rail In-Store Dealers & Online Dealers**
 - Spring Creek Model Trains (Deshler, NE)
 - <https://www.springcreekmodeltrains.com/>
 - Midwest Model Railroad (Independence, MO)
 - <https://midwestmodelrr.com/>
 - Mainline Hobby Supply (Blue Ridge Summit, PA)
 - <http://mainlinehobby.com/>
 - Arnie's Trains (Westminster, CA)
 - <http://www.arniesmodeltrains.com/>

- **MAC Rail Online Dealers**
 - Bob The Train Guy
 - <https://www.bobthetrainguy.com/>
 - Makin Tracks HO Scale Trains
 - <https://makemytracks.com/>

- **MAC Rail Train Show Dealers**
 - Spring Creek Model Trains (Show Store)
 - <https://www.springcreekmodeltrains.com/show-schedule/>
 - Makin Tracks HO Scale Trains
 - <https://makemytracks.com/>

- **MAC Rail Installation Dealers**
 - Weather My Trains
 - <https://weathermytrains.com/>

