

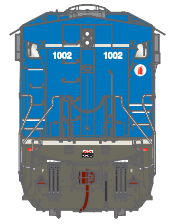
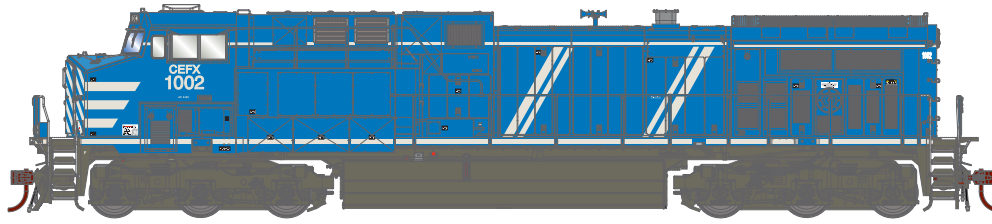
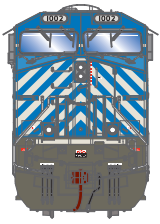
# BRAND NEW GENESIS 2.0 TOOLING!

## GENESIS HO AC4400CW Locomotive

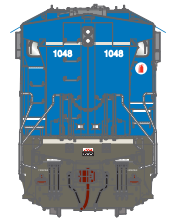
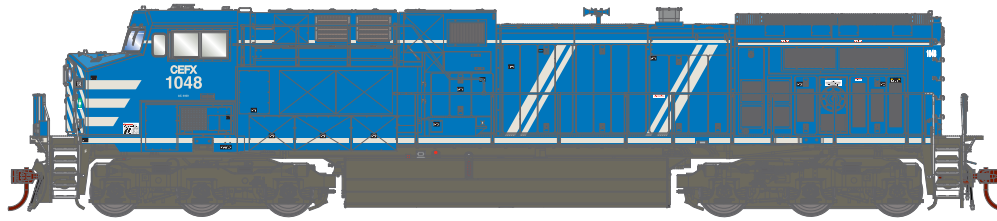
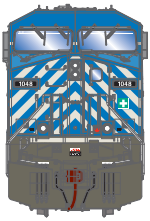
Orders Due: 03.25.22

ETA: April 2023

### The CIT Group



Era: 2001+



Era: 2004+

	without Sound	with Sound
CEFX #1002	ATHG31544	ATHG31644
CEFX #1020	ATHG31545	ATHG31645
CEFX #1048	ATHG31546	ATHG31646

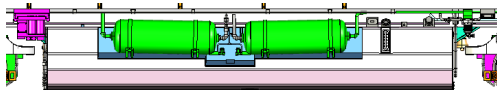
#### CEFX FEATURES:

- Nathan K-3 Horn
- Late body features
- Late radiator lift rings
- Evenly spaced rear grab irons
- Engine air intake moved rearward
- Notched fuel tank
- Tank welded to underframe
- Long handrail on left jogs over capacitor box
- Double rail behind cab on left side
- AAR style control stand
- Electric air dryer
- GE Hi-Adhesion trucks
- Outside struts on opposite sides of trucks
- Front ditch lights

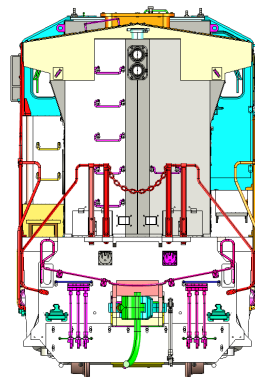
The CIT Group placed two orders late in the production of the AC4400CW. They represent some of the newest features added to the AC4400CW line before its discontinuation. The first group was purposely built with Union Pacific features to whom they were originally leased. The second group was leased to the Canadian Pacific and share spotting features with late model CP AC4400CWs. Both wear CIT Group's distinctive "Blueberry" scheme with CEFX reporting marks.

#### ROAD NUMBER SPECIFIC FEATURES:

- #1002 GPS Dome, High number boards.
- #1020 GPS Dome, High number boards.
- #1048 Sinclair Antenna package, Low number boards.



Late, notched fuel tank and electric air dryer



Late Body showing evenly spaced rear grab irons and lift rings



\$264.99 w/o SOUND | \$364.99 w/ Tsunami<sup>2</sup> SOUND

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# GENESIS HO AC4400CW Locomotive

Orders Due: 03.25.22

ETA: April 2023

## Chicago & North Western



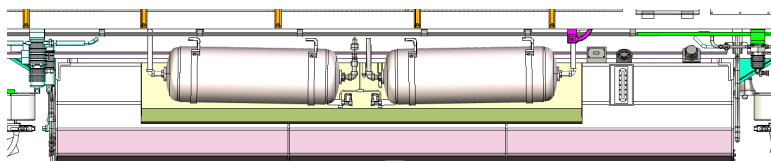
Era: 1994+

	without Sound	with Sound
CNW #8801	ATHG31547	ATHG31647
CNW #8816	ATHG31548	ATHG31648
CNW #8831	ATHG31549	ATHG31649

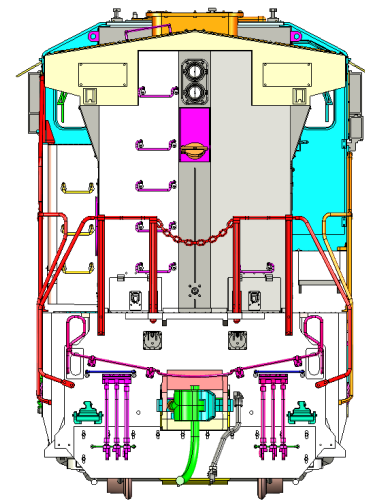
### CNW FEATURES:

- Holden K5H Horn
- Desk style control stand
- Unevenly spaced rear grab irons
- Fuel tank bolted to the frame
- Extended range dynamic brakes
- As delivered Antenna package
- Inside struts on all truck sides
- Central air intake in forward position
- Early body features
- Fuel tank without notch
- Front ditch lights
- Low number boards
- Lipped exhaust tub
- GE Hi-Adhesion trucks

An earlier purchaser of the AC4400CW, the units purchased by Chicago & Northwestern were dressed in the attractive "Lighting Stripe" paint scheme, but now with the addition of an Operation Lifesaver decoration on the long hood. The AC traction paired well with the long heavy coal trains CNW was pulling out of the Powder River Basin. Many of these units lasted well after the UP acquisition of CNW in their original paint or with minor patching. These early versions rode on the first iteration of the Hi-Adhesion trucks with struts on all four corners of each trucks that were both shorter and inboard of the brake cylinders compared to later variations.



Early, straight fuel tank and Prime air dryer



Early body style with uneven rear grab irons and lifting lugs



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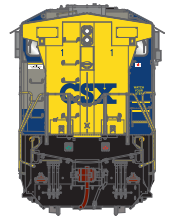
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# GENESIS HO AC4400CW Locomotive

Orders Due: 03.25.22

ETA: April 2023

## CSX



Era: 1995-2017



Era: 1995+



Era: 1999+

	without Sound	with Sound	CSX FEATURES:
CSX #1	ATHG31550	ATHG31650	• Front ditch lights
CSX #17	ATHG31551	ATHG31651	• Low number boards
CSX #420	ATHG31552	ATHG31652	• Equipped with a CSX standard 'tow-chain'

• Prime air dryer

CSX purchased more AC4400CWs than any other railroad, spanning almost the entire production period. This includes three of the first six produced which have distinctive spotting features compared to all other units. A lightning bolt graphic was applied under the road number making these easy to identify as AC traction motors. Unique to CSX, all these units are equipped with hooks to carry a length of chain under the walkway.

### ROAD NUMBER SPECIFIC FEATURES:

- #1 Named Spirit of West Virginia, One of the original six AC4400CWs built, Re-trucked and renumbered from the originally delivered 9100 series, Holden K5H Horn, early body with central air intake forwards, unique angled grab irons on top of the nose, radiator grills on right side are evenly sized (a feature that didn't last with later models), unevenly spaced rear grab irons, vertical handrail behind inverter cabinet, extended range dynamic brakes, early no-notch fuel tank, bolted on fuel tank, PTC antenna array, GE Steerable trucks.
- #17 K5LAR24 horn, PTC antenna array, early body features, central air intake in forward position, early no-notch fuel tank, bolted on fuel tank, unevenly spaced rear grab irons, vertical handrail behind inverter cabinet, lipped Exhaust tub, extended dynamic brakes, GE Hi-Adhesion trucks, struts on all 4 corners of each truck, delivered with inside struts but modified to outside braced struts.  
This model represents the later modified version.
- #420 K5LAR24 horn, late body features, central air intake moved rearward, late fuel tank with notch, fuel tank welded to frame, evenly spaced rear grab iron, handrail behind inverter cabinet jogged for capacitor box, two handrails above inverter cabinet, late antenna package, GE steerable trucks.



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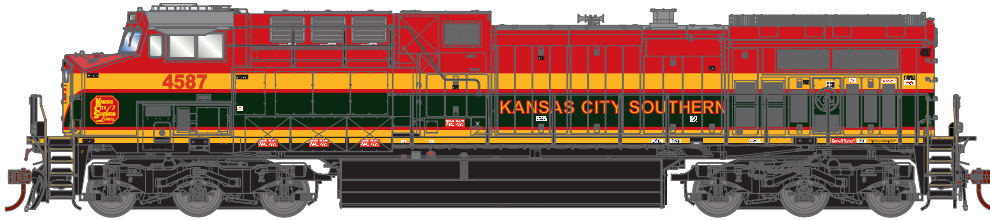
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# GENESIS HO AC4400CW Locomotive

Orders Due: 03.25.22

ETA: April 2023

## Kansas City Southern



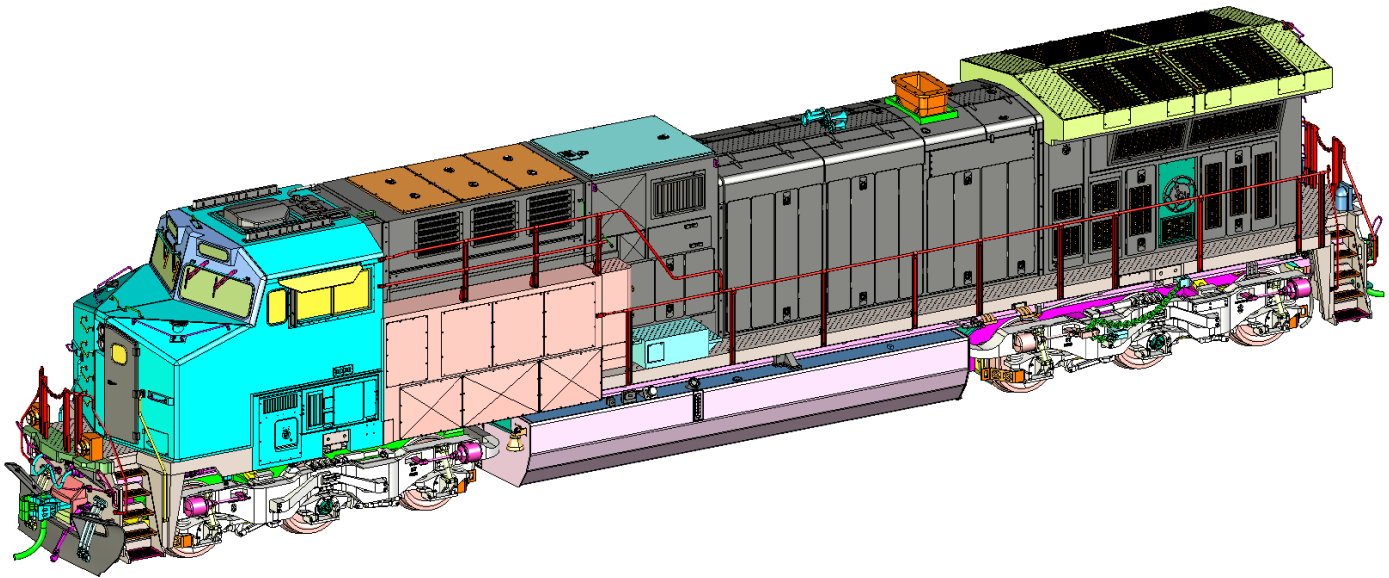
Era: 2007+

	without Sound	with Sound
KCS #4587	ATHG31553	ATHG31653
KCS #4601	ATHG31554	ATHG31654
KCS #4614	ATHG31555	ATHG31655

### KCS FEATURES:

- Nathan K5LAR24 horn
- PTC antennas and GPS domes
- Central air intake moved rearward
- Evenly spaced rear grab iron
- Extended Range Dynamic Brakes
- GE steerable trucks
- Two handrails above inverter cabinet
- Late body features
- Late, notched fuel tank
- Fuel tank welded to frame
- High number boards
- Electric air dryer
- Front and Rear ditch lights

A 50-unit order was delivered before the turn of the century in the KCS gray paint scheme. Beginning in 2007, these units were renumbered and repainted into the attractive 'Southern Belle' paint scheme that they wear today. With the recent merger of KCS and CP, these locomotives are expected to be seen across the entire Continent.



Late production KCS Prototype



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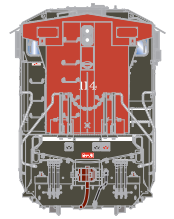
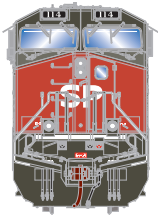
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# GENESIS HO AC4400CW Locomotive

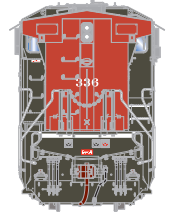
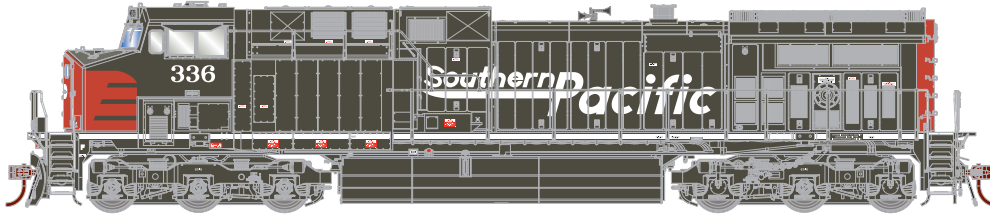
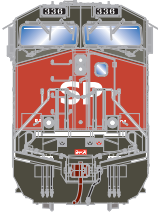
Orders Due: 03.25.22

ETA: April 2023

## Southern Pacific\*



Era: 1995-2006



Era: 1995-2007

	without Sound	with Sound
SP #114	ATHG31556	ATHG31656
SP #239	ATHG31557	ATHG31657
SP #336	ATHG31558	ATHG31658

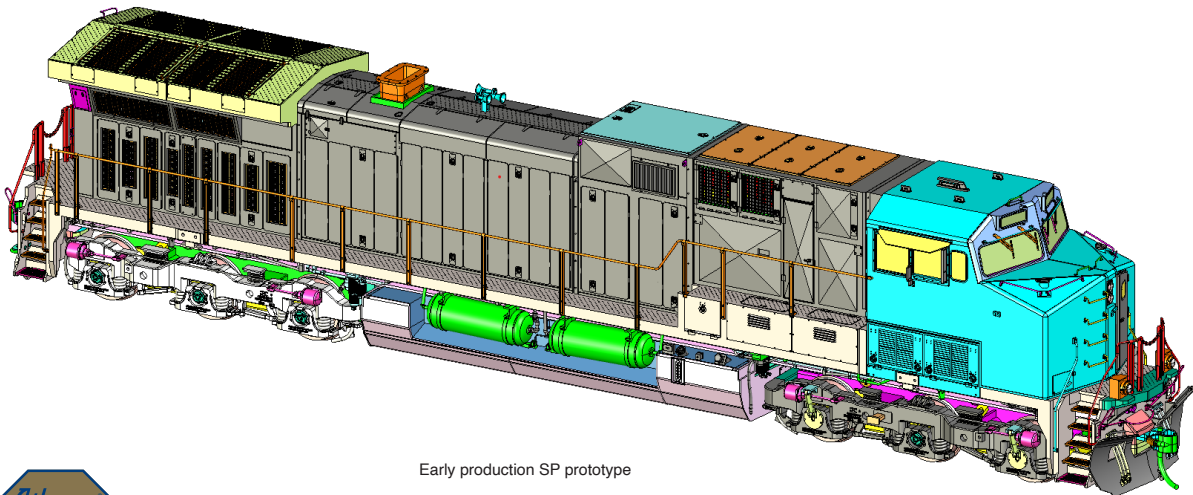
### SP FEATURES:

- Nathan P-3 Horn
- High number boards
- Early body features
- Unevenly spaced rear grab irons
- Central air intake in forward position
- Early no-notch bolted on fuel tank
- Extended radiator hatch on engineer's side
- Prime Air Dryer
- Vertical handrail behind inverter cabinet
- GE Hi-Adhesion trucks
- Modified outside struts on opposite sides of trucks
- Alternating flash front ditch lights (Effect in DCC)

Built between April and Nov of 1995, SP placed an order for 279 AC4400CW's from General Electric. Not only was this SP's first dive into AC technology but was their largest single locomotive order (and last) in history. GE set up a maintenance shop in Denver CO to support these units. They featured Harris Locotrol II equipment for use in DPU service; although they were used for dedicated power on Colorado coal trains, they could also be found roaming the system wherever they were needed.

### ROAD NUMBER SPECIFIC FEATURES:

- #114 Unique spare knuckle box on rear pilot.
- #239 Unique spare knuckle box on rear pilot.
- #336 Unique additional handrail above capacitor box.



Early production SP prototype



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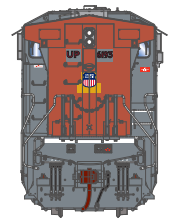
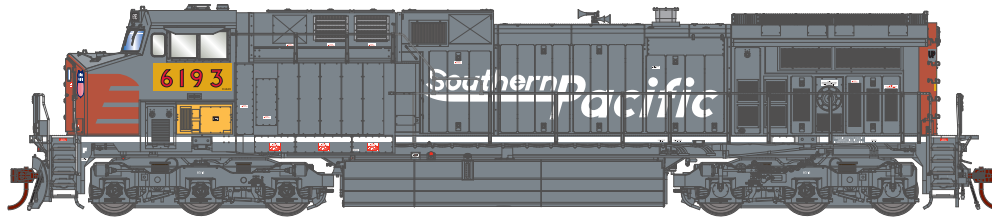
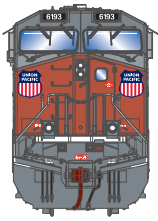
\* Union Pacific Licensed Product

# GENESIS HO AC4400CW Locomotive

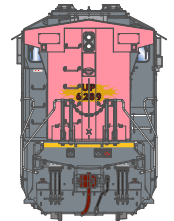
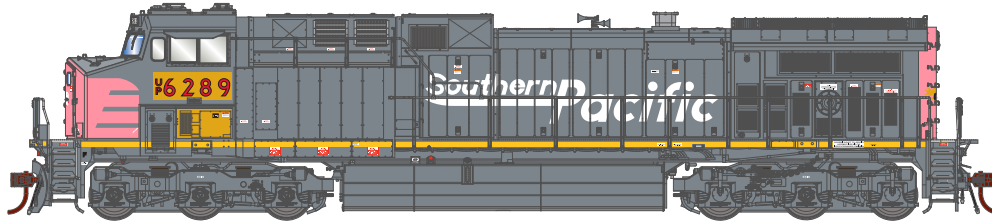
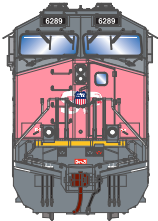
Orders Due: 03.25.22

ETA: April 2023

## Union Pacific\*



Era: 2006-2016



Era: 2006-2016

	<b>without Sound</b>	<b>with Sound</b>
UP #6193	ATHG31559	ATHG31659
UP #6289	ATHG31560	ATHG31660

### UP FEATURES:

- Primed for Grime
- Replaced AC unit in UP yellow
- Regular spare knuckle holder on rear pilot
- GPS pod
- Front ditch lights

The Union Pacific acquisition of the Southern Pacific in 1996 saw the transfer of SP newly acquired AC4400CWs to a new railroad. As they were essentially brand new, there was no push to repaint these units and they existed for several years without modification. Eventually the AC4400CWs were renumbered with simple patches over the SP paint, but as this was done on a unit-by-unit basis where they were, the patches all had a measure of uniqueness.

### ROAD NUMBER SPECIFIC FEATURES:

- **#6193** Formerly SP 138; Wears two UP shields on the nose (sometimes referred to as cheek shields), UP shield on rear patched in yellow, reporting marks in grey, faded grey and red to represent the significant sun-bleaching these units received.
- **#6289** Formerly SP 289; Infamous "Flaming Patch-Job" unit with a distinctive stylized flames on rear of locomotive, Single UP shield over faded SP logo on front, yellow sill stripe, modern PTC Antenna boxes.



PRIMED FOR GRIME \$274.99 w/o SOUND | \$374.99 w/ **Tsunami<sup>2</sup>** SOUND



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# GENESIS HO AC4400CW Locomotive

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## SOUND-EQUIPPED MODELS ALSO FEATURE

- Onboard DCC decoder with SoundTraxx Tsunami2 sound
- Dual cube speakers for optimal sound quality
- Sound units operate in both DC and DCC
- Full DCC functions available when operated in DCC mode
- Engine, horn, and bell sounds work in DC
- All functions NMRA compatible in DCC mode
- Precision slow speed control
- Program a multiple unit (MU) lashup with lead unit only horn, bell, and lights
- Many functions can be altered via Configuration Value (CV) changes
- CV chart included in the box

## PROTOTYPE SPECIFIC INFORMATION

Introduced by GE in 1993 and built until 2004, when it was replaced by the Evolution Series Tier II compliant model, the AC4400CW is a staple of modern railroading. 2,834 examples were built with many still plying the rails in their as delivered configurations or as rebuilt variations. Many Class 1, regional, and foreign railroads purchased the AC4400CWs. Ownership spanned the North American Continent and with their long lives, have seen numerous paint scheme variations and ownership changes through the years. The AC4400CW went through a large number of changes during its production. Some are easily noticeable; early units being delivered with GE's Hi-Adhesion Trucks, while later units that had the option for newly developed GE Steerable Truck. Other details are smaller and takes a careful eye to see; the addition of a door stop, how the step wells are reinforced, or the number and positioning of panels and doors.

Athearn has captured all these details through research and precision tooling to reproduce dozens of variations. The newly tooled Genesis AC4400CW takes its reign as the new flagship model for Athearn.

## PRIMED FOR GRIME MODELS FEATURE

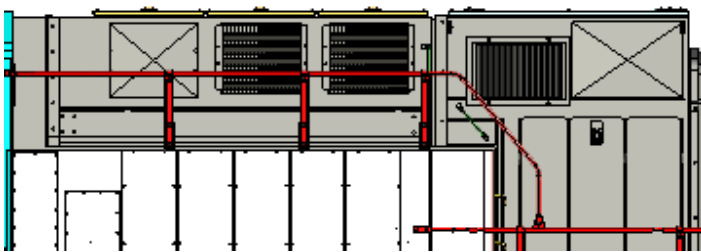
- Duplicated look and feel of "In Service" equipment
- Faded base colors matched to the prototype
- Perfect starting point for adding grime and rust



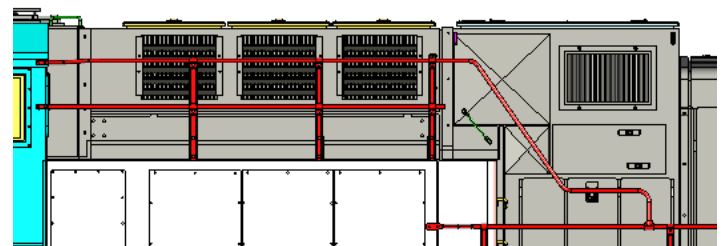
## BRAND NEW GENESIS 2.0 TOOLING!

### AC4400CW SERIES LOCOMOTIVE FEATURES:

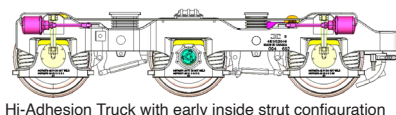
- DCC-ready features Quick Plug™ plug-and-play technology with 21-pin NEM connector
- Scaled from prototype resources including drawings, field measurements, photographs, and more
- Accurately –painted and –printed paint schemes
- LED lighting adjusted to lifelike settings.
- Illuminated number boards
- Illuminated ground lights above front trucks
- Illuminated front and rear walkway lights
- Illuminated marker lights (where applicable)
- Etched, see-through walkway steps
- Animated roller bearing caps
- Coupler cut levers
- Flexible rubber MU hoses for durability
- Flexible rubber trainline hose
- See-through cab windows
- Full cab interior
- Walkway tread
- Fine-scale Celcon handrails for scale appearance
- Windshield wipers
- Lift rings
- Wire grab irons
- Detailed fuel tank with fuel fillers, fuel gauges, & breather pipes
- Sander lines
- Brass horns correct to the prototype
- McHenry® scale knuckle couplers - Kadee compatible
- Genesis driveline with 5-pole skew wound motor, precision machined flywheels, and multi-link drivetrain
- All-wheel drive with precision gears for smooth & quiet operation
- All-wheel electrical pickup provides reliable current flow
- Wheels with RP25 contours operate on all popular brands of track
- Heavy die-cast frame for greater traction and more pulling power
- Packaging securely holds model for safe storage



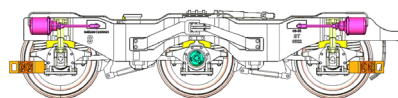
standard dynamics, forward air intake, single railing, vertical railing



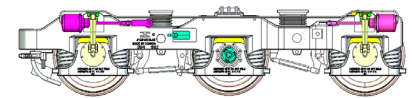
extended dynamics, rearward air intake, double handrails, jogged handrail



Hi-Adhesion Truck with early inside strut configuration



GE Steerable Truck



Hi-Adhesion Truck with late outside strut configuration



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\$264.99 w/o SOUND | \$364.99 w/ **Tsunami2** SOUND

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