



# HO ES44AC Diesel Locomotive

Announced 12.27.19  
**Orders Due: 01.24.20**

ETA: December 2020



Photo: Chris Wilson – <https://www.youtube.com/watch?v=s1Mu3B5FLMg>

## Canadian Pacific



Era: 2005+

- HO ES44AC, CP As Delivered #8700
- HO ES44AC, CP As Delivered #8717
- HO ES44AC, CP Retrucked #8703
- HO ES44AC, CP Retrucked #8714
- HO ES44AC, CP Retrucked #8723
- HO ES44AC, CP Retrucked #8727

**without Sound**

- ATHG83072
- ATHG83073
- ATHG83074
- ATHG83075
- ATHG83076
- ATHG83077

**with Sound**

- ATHG83172
- ATHG83173
- ATHG83174
- ATHG83175
- ATHG83176
- ATHG83177



**ROAD NUMBER SPECIFIC FEATURES:**

- #8700 & #8717 As delivered configuration with steerable trucks
- #8703, #8714, #8723, #8727 2010's version with Hi-Ad trucks, PTC Antennas



Era: 2010+

**w/o Sound \$239.98<sub>SRP</sub> With Tsunami<sup>2</sup> Sound \$329.98<sub>SRP</sub>**

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## Burlington Northern Santa Fe

ETA: December 2020



Era: 2011+

- HO ES44AC, BNSF w/ PTC Primer #5789
- HO ES44AC, BNSF w/ PTC #5915
- HO ES44AC, BNSF w/ PTC #5923
- HO ES44AC, BNSF w/ PTC #5939
- HO ES44AC, BNSF w/ PTC #5950

without Sound

- ATHG83078
- ATHG83079
- ATHG83080
- ATHG83081
- ATHG83082

with Sound

- ATHG83178
- ATHG83179
- ATHG83180
- ATHG83181
- ATHG83182



#Ready2Rust

### BNSF FEATURES:

- All units feature new BNSF style cab roof antennas
- Variety of in-service details per prototype road number
- PTC antenna in polybag

### ROAD NUMBER SPECIFIC FEATURES:

- **#5789** This unit suffered damage in late 2011/early 2012. This model features “primered” nose and hood doors and “replacement” electrical cabinets on the conductor’s side walkway — just like the prototype. Also featured is the replacement nose access door acquired from a Santa Fe unit.
- **#5915** Silver “replacement” plow
- **#5939** Replacement Nathan K3LA horn
- **#5950** Replacement Nathan K3LA horn



Era: 2010+



Era: 2005+



Era: 2005+

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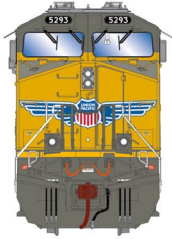


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## Union Pacific\*

ETA: December 2020



Era: 2019+



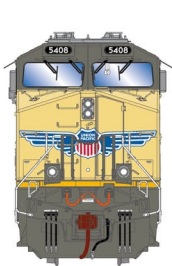
	without Sound	with Sound
HO ES44AC, UP No Flag #5293	ATHG83083	ATHG83183
HO ES44AC, UP Faded #5363	ATHG83084	ATHG83184
HO ES44AC, UP Replacement Doors #5408	ATHG83085	ATHG83185
HO ES44AC, UP Faded #5454	ATHG83086	ATHG83186
HO ES44AC, UP Faded #5529	ATHG83087	ATHG83187
HO ES44AC, UP Faded #5537	ATHG83088	ATHG83188

### UP FEATURES:

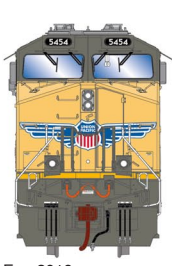
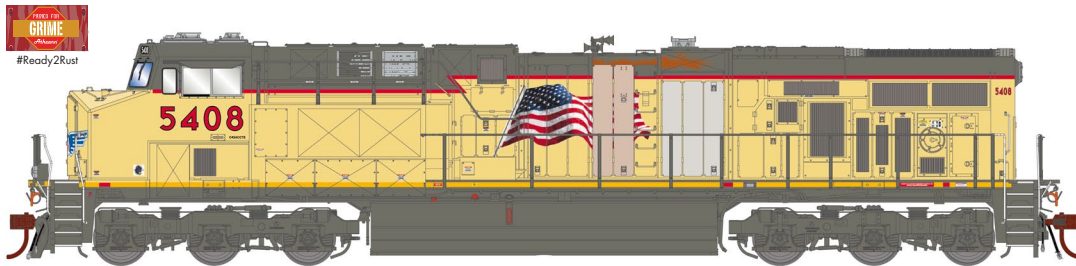
- Unique paint colors to represent in-service appearance
- Different colored "replacement" equipment doors per prototype road number

### ROAD NUMBER SPECIFIC FEATURES:

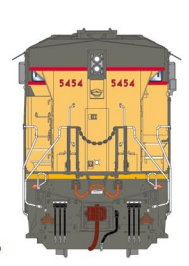
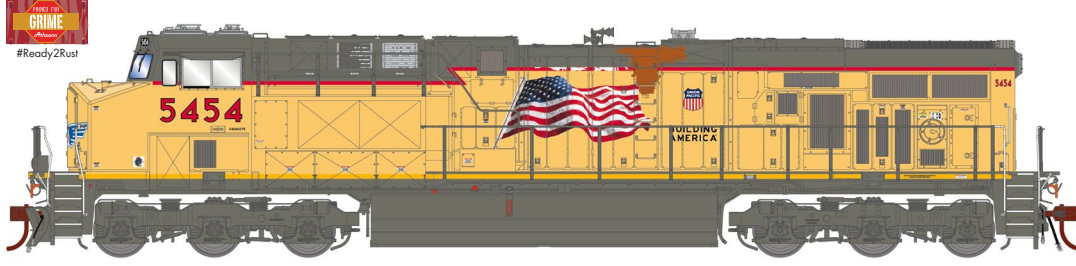
- **#5408** Primered "replacement" hood doors on conductor's side, along with scorch marks



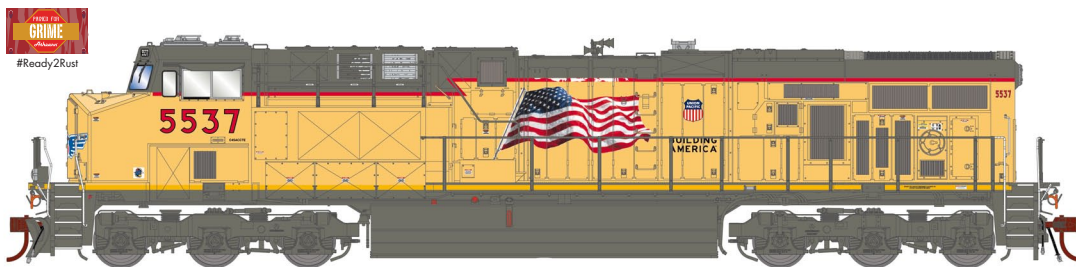
Era: 2016+



Era: 2016+



Era: 2016+



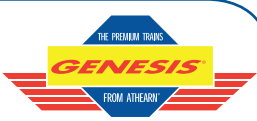
**w/o Sound \$239.98<sub>SRP</sub> With Tsunami<sup>2</sup> Sound \$329.98<sub>SRP</sub>**

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\* Union Pacific Licensed Product



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## All Railroads

### SOUND EQUIPPED MODELS ALSO FEATURE:

- Onboard DCC decoder with SoundTraxx Tsunami2 sound
- 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
- Excellent slow speed control
- Operating lighting functions with F5 and/or F6
- 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

### PROTOTYPE INFO:

In 2002, GE released the first of a new series of locomotives that would replace the popular Dash-9 series. The ES44DC and ES44AC, commonly called GEVOs for General Electric Evolution series, were designed to meet the stricter diesel locomotive emissions standards imposed by the EPA Tier II regulations. To meet the new standards, GE developed the 12-cylinder GEVO 12 engine. Both the bore and stroke were increased to produce the same 4400 horsepower as the older 7FDL16 16-cylinder engine. The new engine drives an alternator producing AC current that is rectified to DC current. On the ES44DC, this powers the traction motors. On the ES44AC, the DC current is "chopped" back into AC to power the traction motors. The two models share a common 73' 2" frame and external appearance.

The ES44DC and ES44AC external details have changed with almost every year's new orders. These models are of the early version produced in 2005 and 2006 and include the nose door on the left side, two widely-spaced dynamic brake vents, X-panels on the electrical cabinet, side grab irons on the long hood and flush-mounted top radiator grilles and radiator compartment doors.

### LOCOMOTIVE FEATURES:

- Illuminated ditch lights
- Low or high front headlight per prototype
- Tinted cab windows
- Large antenna dome
- Small GPS dome
- See-through dynamic brake intakes
- Two dynamic brake exhaust vents with wide spacing and flush housing
- Short auxiliary cab rear left-side doors
- Right side forward electrical cabinet with X-Panel
- Nathan K5HL horn
- Engine compartment side grab irons
- Flush radiator compartment doors
- Hand brake panel grille
- Flush heat exchanger housing and top radiator grilles
- 5000-gallon fuel tank
- Era: 2005+
- Minimum radius: 18"
- Recommended radius: 22"

### GENESIS DIESEL LOCOMOTIVE FEATURES:

- Fully-assembled and ready-to-run
- 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
- Coupler cut levers
- MU hoses
- 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, and retention tanks
- Sander lines
- McHenry scale knuckle couplers - Kadee compatible
- Genesis driveline with 5-pole skew wound motor, precision machined flywheels, and multi-link drivetrain for trouble free operation
- All-wheel drive with precision gears for smooth and quiet operation
- All-wheel electrical pickup provides reliable current flow
- Wheels with RP25 contours operate on all popular brands of track
- LED Lighting for trouble free operation
- Heavy die-cast frame for greater traction and more pulling power
- Packaging securely holds the model for safe storage
- Replacement parts available



Photo: Ben Margherone – [https://www.flickr.com/photos/bam\\_rail/20905997645/](https://www.flickr.com/photos/bam_rail/20905997645/)

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