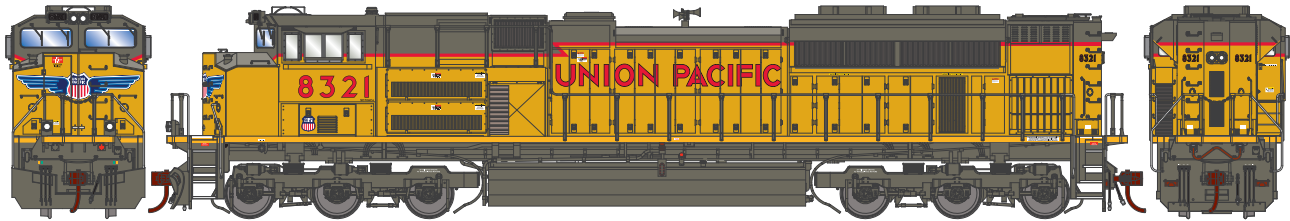
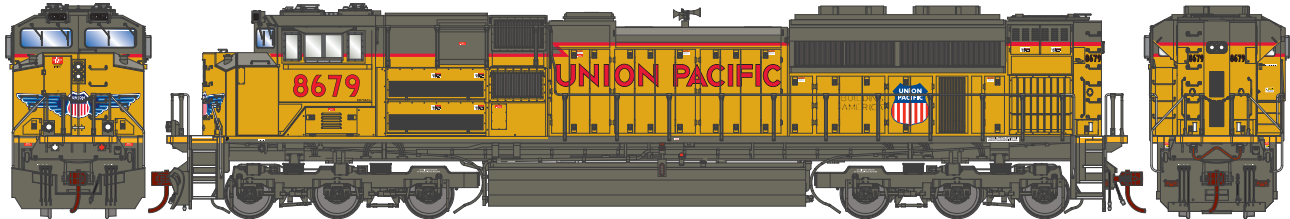


**Union Pacific\***



Era: 2009+



Era: 2019+

	<b>without Sound</b>	<b>with Sound</b>	<b>UP FEATURES:</b> • Unique paint scheme with no flag • Hood, cab, cab roof, and headlight placement vary per prototype
SD70ACe, UP #8321	ATHG75735	ATHG75835	
SD70ACe, UP #8679	ATHG75736	ATHG75836	

UP 8321 was the first, and for some time only, SD70ACe on the roster to be repainted without the American Flag. The early-production unit features as-built cab roof details, a rear horn bracket, and non-isolated cab.

In 2019, UP 8679 was also repainted without the American Flag. The later-production unit has PTC roof details and an isolated cab.

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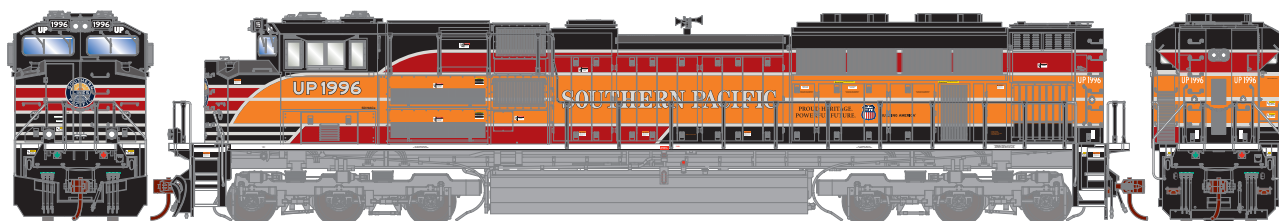
## Union Pacific\* - Heritage



Era: Late 2010s+



Era: Late 2010s+



Era: Late 2010s+

SD70ACe, UP #1989  
SD70ACe, UP #1995  
SD70ACe, UP #1996

<b>without Sound</b>	<b>with Sound</b>
ATHG75740	ATHG75840
ATHG75741	ATHG75841
ATHG75742	ATHG75842

### UP FEATURES:

- Unique heritage paint schemes introduced in 2006
- Detailed to represent the units as they look currently
- PTC antenna roofs
- Animated rotating roller bearing caps
- Re-tooled plows with grab irons

Union Pacific unveiled six SD70ACe locomotives with unique "Heritage" paint schemes in 2005 and 2006 to commemorate roads which they had absorbed or merged. These roads are the MP, WP, MKT, SP, DRGW, and CNW. The locomotives are numbered after the years which the mergers took place, or, in the case of the DRGW unit, the year that Rio Grande Industries acquired the assets of Southern Pacific.

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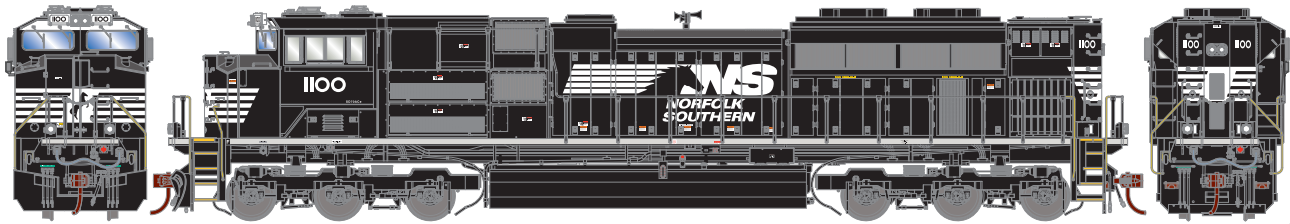
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## Norfolk Southern



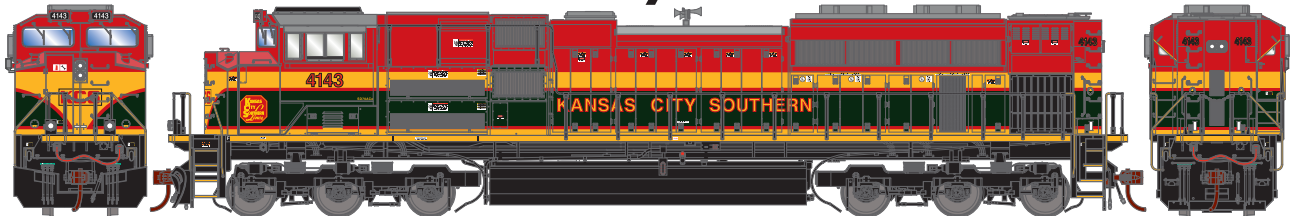
Era: 2014+

SD70ACe, NS #1100	<b>without Sound</b>	<b>with Sound</b>
SD70ACe, NS #1112	ATHG75737	ATHG75837
SD70ACe, NS #1122	ATHG75738	ATHG75838
	ATHG75739	ATHG75839

- NS FEATURES:**
- Late-production 11XX series units
  - PTC Antenna roofs
  - Late handbrake wheel, anticlimbers, jacking pads & EFCO buttons
  - Extra MU detail parts included

Built in 2014, these NS units came with isolated cabs and PTC antennas. 175 were built on this order, and all are still on the active roster, albeit with nine units currently in storage. They are used on all types of freight trains.

## Kansas City Southern



Era: 2014+

SD70ACe, KCS #4143	<b>without Sound</b>	<b>with Sound</b>
SD70ACe, KCS #4158	ATHG75743	ATHG75843
SD70ACe, KCS #4164	ATHG75744	ATHG75844
	ATHG75745	ATHG75845

- KCS FEATURES:**
- Lit Number Boards
  - Nose-mounted headlight
  - As-Delivered scheme
  - Truck lights
  - Late Brake wheel

In late 2013, KCS came back to EMD and placed an order for 25 SD70ACe's (4140-4164) under EMD batch number 20136932. Delivered in KCS's "Southern Belle" scheme, this order came with nose mounted headlights and four-step walkways as depicted on our models.

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## Montana Rail Link



Era: 2006+

SD70ACe, MRL #4308	<b>without Sound</b>	<b>with Sound</b>	<b>MRL FEATURES:</b> <ul style="list-style-type: none"> <li>• Lit Number Boards</li> <li>• Nose-mounted headlight</li> <li>• As-delivered scheme</li> </ul>	<ul style="list-style-type: none"> <li>• Truck lights</li> <li>• Early Brake wheel</li> </ul>
SD70ACe, MRL #4310	ATHG75746	ATHG75846		
SD70ACe, MRL #4315	ATHG75747	ATHG75847		
	ATHG75748	ATHG75848		

In 2005, MRL ordered 16 SD70ACe's from EMD to help replace the aging fleet of their older EMD power. They were painted at CEECO in Tacoma WA and placed into service shortly after.

## Ferromex



Era: 2021+



Era: 2022+

SD70ACe, FXE #4029	<b>without Sound</b>	<b>with Sound</b>	<b>FXE FEATURES:</b> <ul style="list-style-type: none"> <li>• Lit Number Boards</li> <li>• Nose-mounted headlight</li> <li>• Unique paint scheme</li> </ul>	<ul style="list-style-type: none"> <li>• Truck lights</li> <li>• Early Brake wheel</li> </ul>
SD70ACe, FXE #4053	ATHG75749	ATHG75849		
	ATHG75750	ATHG75850		

In 2021, Ferromex repainted one of their SD70ACe's into this bright red and grey scheme. By spring of 2022, they released a second repainted unit. Both have minor detail and art differences between them and would add some color to your fleet!

**ROAD NUMBER SPECIFIC FEATURES:**

- #4029 2021 Repaint
- #4053 2022 Repaint

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## All Road Names

### 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

In order to meet stricter diesel locomotive emissions standards imposed by EPA Tier II regulations, EMD modified the SD70MAC to create the SD70ACe and SD70M-2. Each model is powered by a 16-cylinder, 4300-horsepower diesel engine. On the SD70M-2, the prime mover drives an alternator and produces AC current that is rectified to DC current, which powers the traction motors. On the SD70ACe, the DC current is then "chopped" back into AC to power the traction motors.

Much of the external design is based on the SD90 series locomotives. Similar features include the full height nose door and rectangular windshields, the large flared radiators with two fans, and the positioning of the dynamic brake equipment at the rear of the long hood. In addition, the inverters were moved from inside the long hood to a box on the walkway behind the fireman's side of the cab.

### SD70ACe SERIES LOCOMOTIVE FEATURES:

- Flexible rubber trainline hose
- Etched see-through steps
- Lit Number Boards & Truck Lights
- Minimum radius: 18" — Recommended radius: 22"
- Flexible rubber MU hoses
- Lift rings
- Sander lines

### GENESIS DIESEL LOCOMOTIVE FEATURES:

- Coupler cut levers
- Trainline hose
- Full cab interior
- Windshield wipers
- DCC-ready features Quick Plug™ plug-and-play technology with 21-pin NEM connector
- Fine-scale Celcon handrails for scale appearance
- Detailed fuel tank with fuel fillers, fuel gauges, breather pipes, and retention tanks
- Body-mounted McHenry® operating scale knuckle couplers
- Genesis driveline with 5-pole skew wound motor, precision machined flywheels, and multi-link drivetrain for trouble free operation
- Eight-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
- Scaled from prototype resources including drawings, field measurements, photographs, and more
- Accurately-painted and -printed paint schemes
- Fully-assembled and ready-to-run
- Packaging securely holds the model for safe storage
- MU hoses
- See-through cab windows
- Walkway tread
- Wire grab irons



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