



HO SD70ACe/SD70M-2 Diesel Burlington Northern Santa Fe

Announced 5.26.17
Orders Due: 6.23.17

ETA: May 2018



Era: 2012+

Without Sound

ATHG68763 HO SD70ACe, BNSF #9340
ATHG68764 HO SD70ACe, BNSF #9366
ATHG68765 HO SD70ACe, BNSF #9330
ATHG68766 HO SD70ACe, BNSF #9356

With Sound

ATHG68863 HO SD70ACe w/DCC & Sound, BNSF #9340
ATHG68864 HO SD70ACe w/DCC & Sound, BNSF #9366
ATHG68865 HO SD70ACe w/DCC & Sound, BNSF #9330
ATHG68866 HO SD70ACe w/DCC & Sound, BNSF #9356

BNSF FEATURES:

- Nose mounted headlight
- Early cab
- Front illuminated ditch lights
- Late handrails

Canadian National



Era: 2014+

Without Sound

ATHG68791 HO SD70ACe, CN #8100
ATHG68792 HO SD70ACe, CN #8101
ATHG68793 HO SD70ACe, CN #8102
ATHG68794 HO SD70ACe, CN #8103

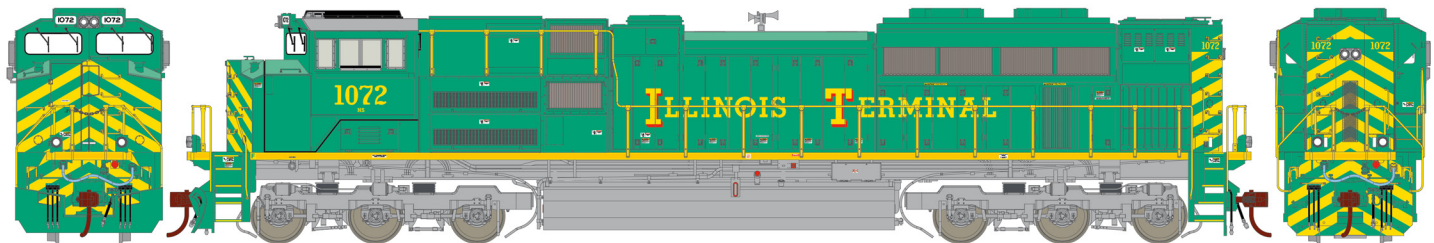
With Sound

ATHG68891 HO SD70ACe w/DCC & Sound, CN #8100
ATHG68892 HO SD70ACe w/DCC & Sound, CN #8101
ATHG68893 HO SD70ACe w/DCC & Sound, CN #8102
ATHG68894 HO SD70ACe w/DCC & Sound, CN #8103

CN FEATURES:

- 8100-series ex EMD Demo models
- Nose door with window
- Isolated cab
- Nose headlight
- Late handrails

Norfolk Southern (Heritage)



Era: 2012+

Without Sound

ATHG69263 HO SD70ACe, IT, NS Heritage #1072

With Sound

ATHG69363

HO SD70ACe w/DCC & Sound, IT, NS Heritage #1072

w/o Sound \$209.98_{SRP} With **tsunami** 2 Sound \$309.98_{SRP}

These items are subject to Horizon's MAP policy



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Union Pacific*

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Without Sound

- ATHG68795 HO SD70ACe, UP #8725
- ATHG68796 HO SD70ACe, UP #8736
- ATHG68797 HO SD70ACe, UP #8749
- ATHG68798 HO SD70ACe, UP #8761

With Sound

- ATHG68895 HO SD70ACe w/DCC & Sound, UP #8725
- ATHG68896 HO SD70ACe w/DCC & Sound, UP #8736
- ATHG68897 HO SD70ACe w/DCC & Sound, UP #8749
- ATHG68898 HO SD70ACe w/DCC & Sound, UP #8761

UP FEATURES:

- Swapable alternate roof with leader PTC antenna array. Also available separately (ATHG68899)
- Nose mount headlight
- Early handrails

Citi Rail Leasing



Era: 2012+

Without Sound

- ATHG69264 HO SD70M-2, CITX #140
- ATHG69265 HO SD70M-2, CITX #141
- ATHG69266 HO SD70M-2, CITX #142

With Sound

- ATHG69364 HO SD70M-2 w/DCC & Sound, CITX #140
- ATHG69365 HO SD70M-2 w/DCC & Sound, CITX #141
- ATHG69366 HO SD70M-2 w/DCC & Sound, CITX #142

First Union Rail



Era: 2014+

Primed for Grime

Without Sound

- ATHG69267 HO SD70M-2, FURX #100
- ATHG69268 HO SD70M-2, FURX #101
- ATHG69269 HO SD70M-2, FURX #102
- ATHG69270 HO SD70M-2, FURX #103

With Sound

- ATHG69367 HO SD70M-2 w/DCC & Sound, FURX #100
- ATHG69368 HO SD70M-2 w/DCC & Sound, FURX #101
- ATHG69369 HO SD70M-2 w/DCC & Sound, FURX #102
- ATHG69370 HO SD70M-2 w/DCC & Sound, FURX #103

FURX FEATURES:

- High mount headlight
- Early handrails

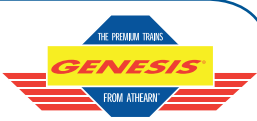
w/o Sound \$209.98_{SRP} With **Tsunami²** Sound \$309.98_{SRP}

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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
- 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

PRIMED FOR GRIME MODELS FEATURE:

- Duplicated look and feel of "In Service" equipment; "Tattered and Torn" just like the real thing
- Faded base colors matched to the prototype
- Patches applied and shaped per road number matching each corresponding side to the prototype
- Perfect starting point for adding grime and rust



#Ready2Rust

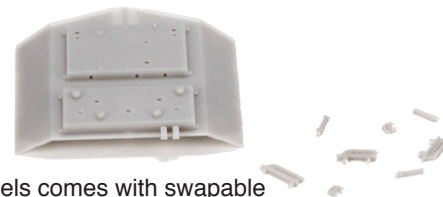
PROTOTYPE SPECIFIC INFORMATION

In order to meet stricter diesel locomotive emissions standards imposed by EPA Tier II regulations, EMD modified the SD-70MAC 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 AND SD70M-2 SPECIFIC FEATURES

- Correctly-sized operating ditch lights
- Snowplow
- Front and rear trainline air hose with silver tips
- Multiple unit (MU) hoses with silver tips
- Coupler cut bars
- Train line air hoses
- Flat or tapered front and rear anticlimbers
- Safety tread on the walkways
- Nose or cab mounted headlight
- Standard or isolated cab
- Windshield wipers
- Tinted side windows
- Mirrors
- Detailed and painted cab interior with control stand, display screens, detailed crew seats and optional grade crossing camera
- Airchime K5LLA horn with square or "tube" style mounting bracket
- Large antenna dome
- Small GPS antenna dome
- Inverter box with original X-panels, X-panels with retrofitted louvers, factory louvers, late EMD large intake or retrofit large intake
- See-through radiator fans
- Etched dynamic brake grille and screen with appropriate grid detail underneath
- Dynamic brake louver variations per prototype
- Chicago Blower brand air blower visible behind the see-through grilles at the rear of the locomotive
- Early or late hand brake housing and wheel
- Early or Late Sander Brackets
- Factory installed wire grab irons
- Jacking pads per prototype
- Plumbing alongside the frame appropriate to the specific railroad and purchase order
- Fuel tanks with single or dual fuel fillers
- HTCR or HTSC trucks per prototype
- Non-sound QuickPlug™ equipped with NMRA 8-pin and 9-pin DCC plugs
- McHenry scale knuckle spring couplers
- Minimum radius: 18"
- Recommended radius: 22"



Select models comes with swapable decorated alternate roof with PTC antenna array. Undecorated sample ATHG68899 shown

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