



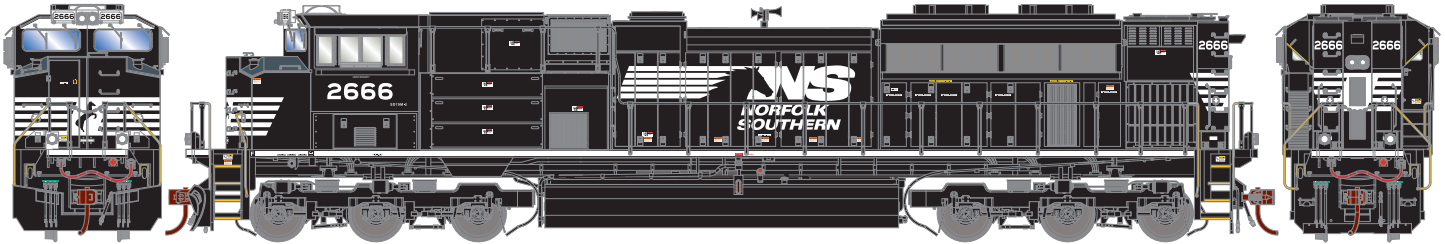
HO SD70M-2 Diesel Locomotive

Announced 12.28.20
Orders Due: 01.29.21

ETA: December 2021

GENESIS 2.0 FEATURES
SEE-THROUGH PILOT STEPS, Lit Marker Lights (CN)
LIT NUMBERBOARDS & GROUND LIGHTS

Norfolk Southern



	without Sound	with Sound
HO SD70M-2, NS #2666	ATHG70572	ATHG70672
HO SD70M-2, NS #2675	ATHG70573	ATHG70673
HO SD70M-2, NS #2681	ATHG70574	ATHG70674

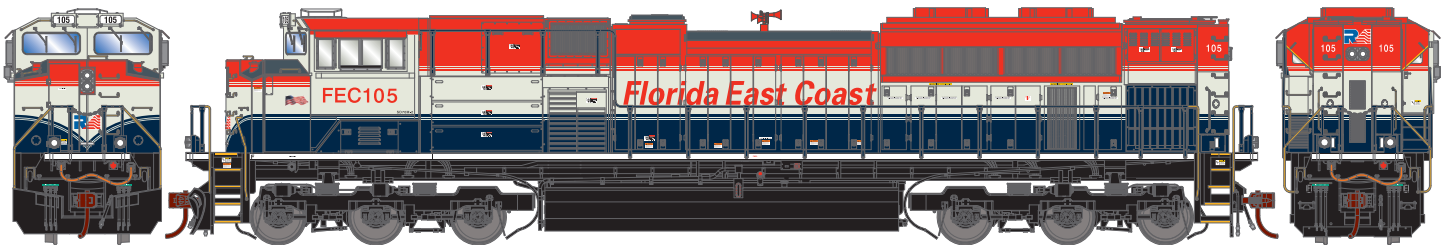
Era: 2005+

NS FEATURES and NOTES:

- Alternate PTC roof included in box

126 EMD SD70M-2s were delivered to NS in 2005 and 2006. Consistent with NS practice at the time, the units were rated at 4000 horsepower instead of the typical 4300. The units were equipped with ditch lights on each end and used in heavy mainline service.

Florida East Coast



	without Sound	with Sound
HO SD70M-2, FEC #105	ATHG70575	ATHG70675
HO SD70M-2, FEC #106	ATHG70576	ATHG70676
HO SD70M-2, FEC #107	ATHG70577	ATHG70677

Era: 2008+

FEC NOTES:

Florida East Coast received a group of 4 SD70M-2s in 2008, painted in the RailAmerica scheme. The units were often found on mainline trains with GP40-2s, SD40-2s and the road's other SD70M-2s.

w/o Sound \$249.98 SRP With Tsunami² Sound \$339.98 SRP
These items are subject to Horizon's MAP policy



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Vermont Railway



HO SD70M-2, VTR #431
HO SD70M-2, VTR #432

without Sound	with Sound
ATHG70578	ATHG70678
ATHG70579	ATHG70679

Era: 2017+

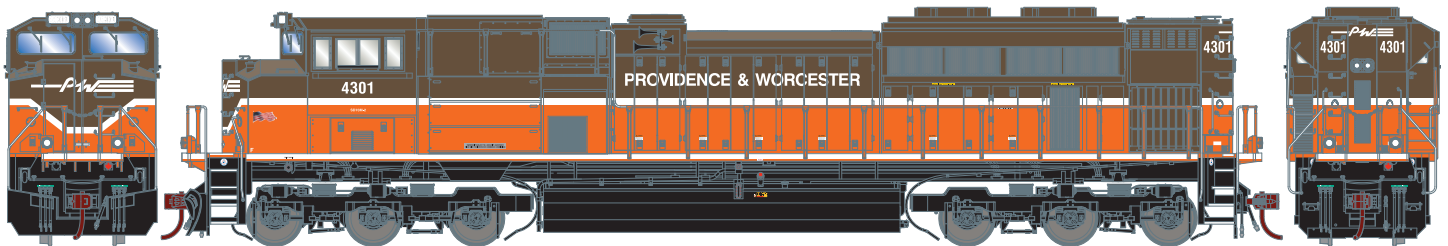
VTR NOTES:

Starting in 2007, Florida East Coast leased four blue-and-yellow SD70M-2s for mainline service. When the lease expired in 2015, the units were purchased by First Union Rail and subsequently split between Vermont Railway and Providence & Worcester, with two units going to each railroad. Vermont Railway's units were soon painted into that road's attractive scheme of red with white trim, and continue to see service on mainline trains today.



Photo credit Steve Koop Angelicola

Providence & Worcester



HO SD70M-2, PW #4301
HO SD70M-2, PW #4302

without Sound	with Sound
ATHG70584	ATHG70684
ATHG70585	ATHG70685

Era: 2016+

P&W NOTES:

P&W's two units were originally painted orange and brown and ran for several years in this guise.

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Canadian National



without Sound with Sound

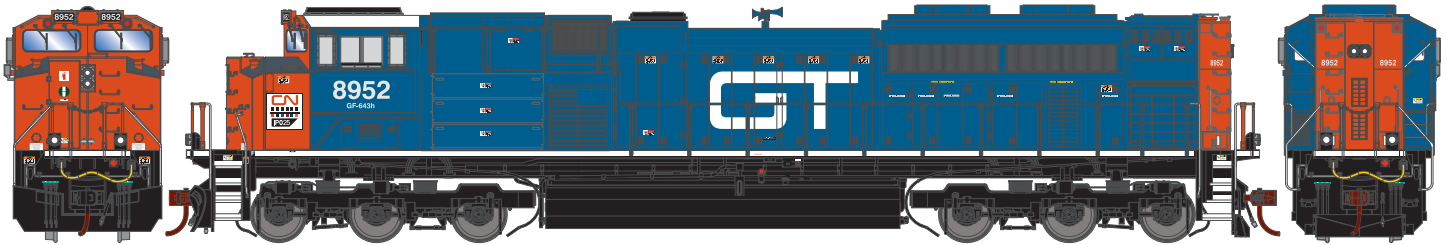
Era: 2019+

HO SD70M-2, CN-25 Heritage #8898
HO SD70M-2, CN # 8921
HO SD70M-2, CN # 8934
HO SD70M-2, CN/GT Heritage #8952

ATHG70580 ATHG70680
ATHG70581 ATHG70681
ATHG70582 ATHG70682
ATHG70583 ATHG70683



Era: 2019+



Era: 2019+

ROAD NUMBER SPECIFIC FEATURES:

- #8898 White cab roof, CN heritage decals on each side
- #8921 Standard CN Web Address paint scheme
- #8934 Mismatched compartment doors on left side
- #8952 Grand Truck Western Heritage Unit

CN NOTES:

Part of CN's large fleet of SD70M-2s, these units are equipped with operating marker lights for DPU service. As part of the railroad's new heritage program, CN 8952 was painted in the GTW scheme, and CN 8898 received the the special placards celebrating CN independence on the sides of its nose.



Photo credit Greg McRae

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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
- 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, specifically the SD90MAC-H PHII. Similar features include the nose shape, 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.

The Athearn Genesis 2.0 SD70ACE and SD70M-2 feature upgraded tooling with new walkway variants and etched see-through steps. Additional lighting features over previous versions include operating number boards and ground lights, as well as working marker lights on applicable CN versions. All lighting is provided by LEDs.

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
- Flexible rubber MU hoses
- Flexible rubber trainline hose
- See-through cab windows
- Full cab interior
- Walkway tread
- Etched see-through steps
- 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
- 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
- LED lighting for realistic appearance-including lit number boards, ground lights, and marker lights (if applicable)
- Heavy die-cast frame for greater traction and more pulling power
- Packaging securely holds model for safe storage



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