



HO SD75I/SD70M Locomotive

Announced 6.22.18
Orders Due: 7.27.18

ETA: May 2019

**NOW EQUIPPED WITH:
 LEDs, & RUBBER MU HOSES**

NEW FEATURES FOR ALL LOCOMOTIVES IN THIS ANNOUNCEMENT:

- All-new LED lighting
- Rubber MU hoses for durability

Ontario Northland



Era: 2001+

Without Sound

ATHG69510
 ATHG69511
 ATHG69512

HO SD75I, ONT #2102
 HO SD75I, ONT #2104
 HO SD75I, ONT #2105

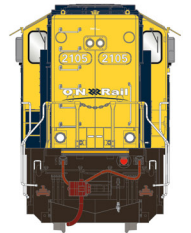
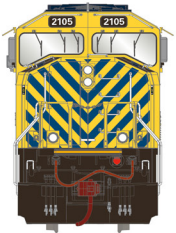
With Sound

ATHG69560
 ATHG69561
 ATHG69562

HO SD75I w/DCC & Sound, ONT #2102
 HO SD75I w/DCC & Sound, ONT #2104
 HO SD75I w/DCC & Sound, ONT #2105

ONT FEATURES:

- First time ONT offered with DCC+Sound version, including underframe and pilot detail
- First time offered Canadian style snow plow
- First time offered Canadian style grated walkways
- First time offered Rear rock plow
- First time offered #2105 with blue nose stripes
- Nathan 3-chime horn
- Sinclair antenna
- Nose door without window
- Cab mirrors
- Sunshades
- Front & rear ditch lights
- All lights illuminated with LEDs

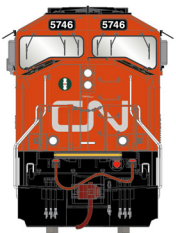


Era: 2013+

Ontario Northland received its only order of 6, numbered 2000-2006, between May and July, 1999. Built to similar specifications as the Canadian National SD75Is, these units were leased to CN for a period of time in early 2000.

ONT #2105 was in a grade crossing accident with a logging truck December 2012. It was out of service for repairs about a year before it was released with a new nose job and blue safety stripes.

Canadian National



Era: 2011+

Without Sound

ATHG69516
 ATHG69517
 ATHG69518
 ATHG69519

HO SD75I, CN/w/Web Address Logo #5746
 HO SD75I, CN/w/Web Address Logo #5754
 HO SD75I, CN/w/Web Address Logo #5761
 HO SD75I, CN/w/Web Address Logo #5763

With Sound

ATHG69566
 ATHG69567
 ATHG69568
 ATHG69569

HO SD75I w/DCC & Sound, CN/w/Web Address Logo #5746
 HO SD75I w/DCC & Sound, CN/w/Web Address Logo #5754
 HO SD75I w/DCC & Sound, CN/w/Web Address Logo #5761
 HO SD75I w/DCC & Sound, CN/w/Web Address Logo #5763

CN FEATURES:

- CN SD75Is repainted with the web address logo
- Nathan K3L horn
- Large & small Sinclair antennas
- Canadian-style walkway grating
- Rear rock plow
- Front & rear ditch lights
- All lights illuminated by LEDs

w/o Sound \$219.98_{SRP} With Tsunami² Sound \$309.98_{SRP}

These items are subject to Horizon's MAP policy



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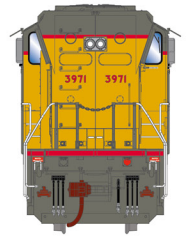
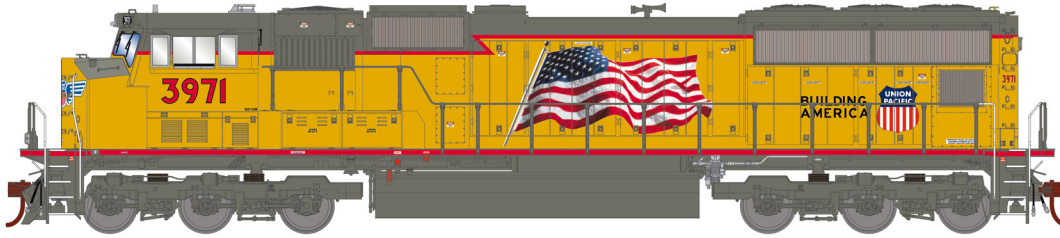


HO SD75I/SD70M Locomotive

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Union Pacific*

ETA: May 2019



Era: 2002+

Without Sound

ATHG69513
 ATHG69514
 ATHG69515

HO SD70M, UP #3971
 HO SD70M, UP #3972
 HO SD70M, UP #3973

With Sound

ATHG69563
 ATHG69564
 ATHG69565

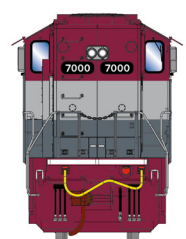
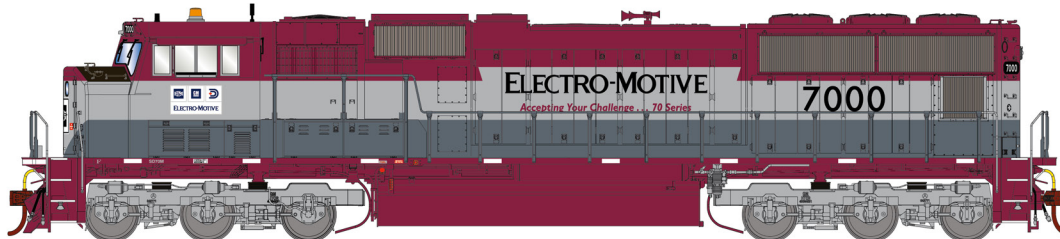
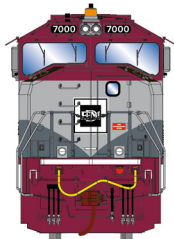
HO SD70M w/DCC & Sound, UP #3971
 HO SD70M w/DCC & Sound, UP #3972
 HO SD70M w/DCC & Sound, UP #3973

In a sea of over 1000 Union Pacific SD70Ms, UP 3971-3973 are unique. These are the only units produced for UP that feature the combination of the later Phase II cab and the earlier 2-panel flared radiators.

UP FEATURES:

- Red sill stripe as delivered SD70M Flare
- First UP units delivered with the late-style cab
- Nose door without window
- Nathan 3-chime horn
- Cab mirrors
- Sunshades
- Small EMD style snow plow
- Front ditch lights
- All lights illuminated with LEDs

EMD Demonstrator



Era: 1993+

Without Sound

ATHG69520
 ATHG69521
 ATHG69522

HO SD70M, EMD Demo #7000
 HO SD70M, EMD Demo #7001
 HO SD70M, EMD Demo/w/Rail Lubricator #7002

With Sound

ATHG69570
 ATHG69571
 ATHG69572

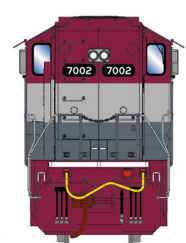
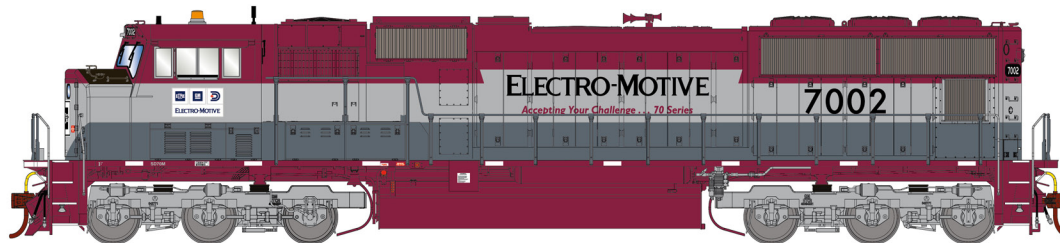
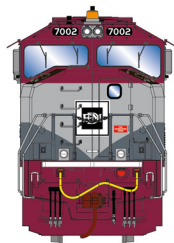
HO SD70M w/DCC & Sound, EMD Demo #7000
 HO SD70M w/DCC & Sound, EMD Demo #7001
 HO SD70M w/DCC & Sound, EMD Demo/w/Rail Lubricator #7002

EMDX FEATURES:

- LED illuminated headlights and strobe ditchlights, effect on DCC+Sound models triggered by horn
- LED illuminated strato-light beacon, effect on DCC+Sound models
- Leslie S3L air horn
- Large & small firecracker antennas
- Small EMD style plow per prototype
- Large anticlimber
- Coupler cut levers with loops
- Rear pilot MU hose holder
- Dual fuel fillers
- EMD demonstrator cab with door on conductor's side

#7002:

- EMD rail lubricator box

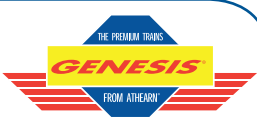


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All Road Names

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

LOCOMOTIVE FEATURES:

- Fully-assembled and ready-to-run
- DCC-ready features Quick Plug™ plug-and-play technology with 21-pin connector
- MU receptacles and cables per prototype
- Front / rear trainline and MU hoses with silver ends
- Dual sanding lines
- Coupler cut levers with loops per prototype
- Sunshades and sunshade tracks per prototype
- Roof details such as antennas, air conditioners, beacons, and conduits per prototype
- New LED Lighting for realistic appearance
- Pilot face spare knuckles and brackets per prototype
- Several types of fuel tanks, all featuring separate gauges, sight glasses, and breather piping
- Anti-glare panel painted on the nose
- Windshield wipers
- Detailed and painted cab interior with control stand, display screens, detailed crew seats
- Standard or Freight-style brake wheel
- See-through radiator fans
- Lift rings
- Factory installed wire grab irons
- Fine-scale Celcon handrails for scale appearance
- Underframe mounted bell- regular or electronic
- Low mount stepwell lights (non-operating)
- McHenry lower-shelf scale knuckle spring couplers
- Scaled from prototype resources including drawings, field measurements, photographs, and more
- Accurately painted and printed paint schemes
- 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 Code 55 and larger rail
- Heavy die-cast frame for greater traction and more pulling power
- Packaging securely holds for the model for safe storage
- Minimum radius: 18”
- Recommended radius: 22”

PROTOTYPE HISTORY

Continuing upon the successful SD60-series, in 1992 EMD debuted the next step in locomotive evolution with the SD70-series. While outwardly similar at first glance to the SD60M, the D.C.-drive SD70M featured several external design refinements from the predecessor model. Battery boxes were relocated to the left-hand side walkway immediately behind the cab, a large, boxy forward traction motor blower housing replaced the angular version used on SD60s, the raised walkway duct on the left hand walkway was eliminated, and an intake for the rear traction motor blower on the left hand side of the carbody, directly under the rear radiator intake grill, was added.

Internally, the SD70 boasted improvements as well; a 16-710GB prime mover, rated at 4,000hp, was coupled to a new alternator design, the AR20. New D70TR traction motors were standard, and controlling all of this power and locomotive function was EMD’s new EM2000 microprocessor, which boasted more memory, twice the processing speed, and improved locomotive self-diagnostic capabilities compared to the processor suite used in the SD60. Even more revolutionary was the inclusion of EMD’s patented “Radial” truck design, the HTC-R. This design, which made its debut under EMD Demo SD60 #3, replaced the venerable HT-C truck, and is unique in its ability to shift, or “steer”, the wheelsets laterally through curves, resulting in greatly reduced wheelset and track wear, and coupled with the new D70TR traction motors and EM2000 microprocessor, greatly improved adhesion.

Continuing with previous practice, EMD built a set of Demonstrator SD70Ms, EMD 7000-7002, all equipped with the North American safety-cab (hence the “M” in their model designation), and decked out in an attractive gray, silver, and burgundy paint scheme. These units travelled all over North America, showing off the latest technology from EMD. Atchison Topeka and Santa Fe railroad requested a 4300 horsepower version resulting in the SD75M. As production continued, EMD incorporated their new “Whisper Cab” design resulting in the SD75I. The updated cab SD75I was purchased by Santa Fe successor Burlington Northern and Santa Fe, Canadian National, and the Ontario Northland. Having been built only in the mid-1990s, you can still find the entire fleet of SD75Ms and SD75Is in regular service today

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 (Flashing ditch lights, beacon, etc)
- Program a multiple unit (MU) lashup with lead unit only horn, bell, & lights
- Many functions can be altered via Configuration Value (CV) changes
- CV chart included

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