



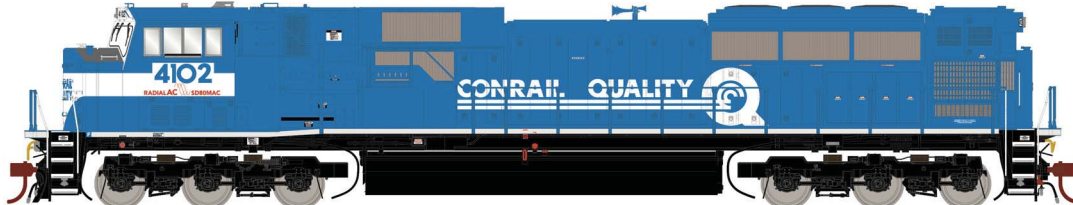
HO SD80MAC Diesel Locomotive

Announced 1.24.20
Orders Due: 2.28.20

ETA: October 2020

Conrail

GENESIS 2.0 FEATURES:
SEE-THROUGH PILOT STEPS,
LIT NUMBERBOARDS & GROUND LIGHTS



Era: 1996-1999

Without Sound

ATHG27239 HO SD80MAC, CR #4102
ATHG27240 HO SD80MAC, CR #4111
ATHG27241 HO SD80MAC, CR #4117
ATHG27242 HO SD80MAC, CR #4125

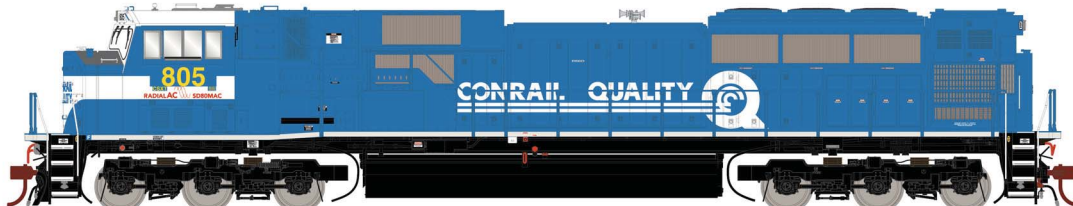
With Sound

ATHG27339 HO SD80MAC w/DCC & Sound, CR #4102
ATHG27340 HO SD80MAC w/DCC & Sound, CR #4111
ATHG27341 HO SD80MAC w/DCC & Sound, CR #4117
ATHG27342 HO SD80MAC w/DCC & Sound, CR #4125

CR FEATURES:

- Illuminated front and rear red marker lights
- Illuminated Ditchlights alternately flash per prototype w/ effect on DCC+Sound version
- Four-panel dynamic intake per CR prototype

CSX



Era: 1999-2007

Without Sound

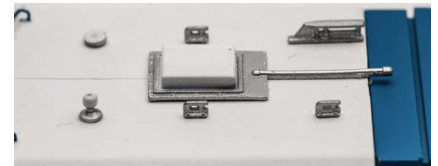
ATHG27243 HO SD80MAC, CSXT #805
ATHG27244 HO SD80MAC, CSXT #807
ATHG27245 HO SD80MAC, CSXT #808
ATHG27246 HO SD80MAC, CSXT #811

With Sound

ATHG27343 HO SD80MAC w/DCC & Sound, CSXT #805
ATHG27344 HO SD80MAC w/DCC & Sound, CSXT #807
ATHG27345 HO SD80MAC w/DCC & Sound, CSXT #808
ATHG27346 HO SD80MAC w/DCC & Sound, CSXT #811

CSX FEATURES:

- Illuminated front and rear red marker lights
- Illuminated Ditchlights alternately flash per prototype w/ effect on DCC+Sound version
- Four panel dynamic intake per ex CR prototype
- CSX specific roof mounted antennas
- Repainted roof
- Digital walkway mounted fuel gauge



w/o Sound \$249.98_{SRP} With **Tsunami 2** Sound \$339.98_{SRP}

These items are subject to Horizon's MAP policy



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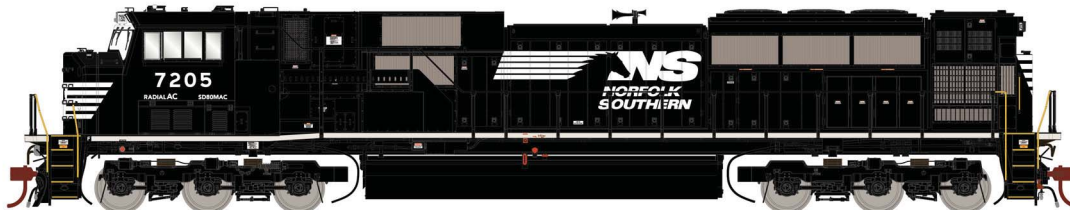


HO SD80MAC Diesel Locomotive

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Norfolk Southern

ETA: October 2020



Era: 2005+

Without Sound

ATHG27247
ATHG27248
ATHG27249
ATHG27250

HO SD80MAC, NS #7205
HO SD80MAC, NS #7211
HO SD80MAC, NS #7217
HO SD80MAC, NS #7228

NS FEATURES:

• Illuminated Ditchlights alternately flash per prototype w/ effect on DCC+Sound version

#7205:

- Front and rear red marker lights plated over
- Equipped with RS-3L air horn.

#7211:

- Front and rear red marker lights plated over
- Equipped with K5LA air horn.

With Sound

ATHG27347
ATHG27348
ATHG27349
ATHG27350

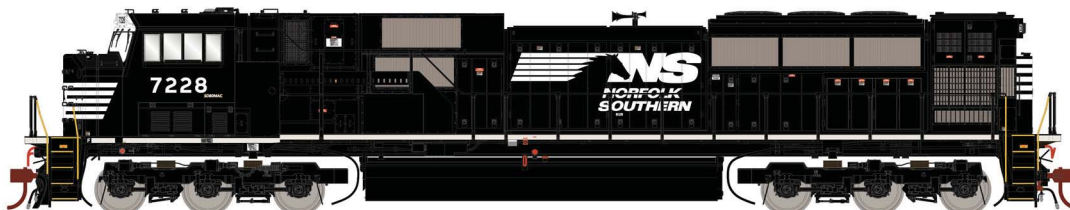
HO SD80MAC w/DCC & Sound, NS #7205
HO SD80MAC w/DCC & Sound, NS #7211
HO SD80MAC w/DCC & Sound, NS #7217
HO SD80MAC w/DCC & Sound, NS #7228

#7217:

- Ex CSX unit with walkway mounted digital fuel gauge
- Ex CSX style roof and antennas
- Marker lights present and painted over
- Equipped with RS-3L air horn.

#7228:

- Ex CSX unit with walkway mounted digital fuel gauge
- Ex CSX style roof and antennas
- Cab marker lights plated over.
- Rear marker lights present & painted over
- Equipped with RS-3L air horn.



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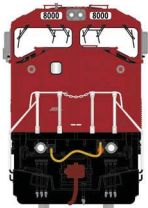


HO SD80MAC Diesel Locomotive

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ETA: October 2020

EMD Demonstrator



Era: 2005+



Without Sound

ATHG27251 HO SD80MAC, EMD #8000
ATHG27252 HO SD80MAC, EMD #8001

With Sound

ATHG27351 HO SD80MAC w/DCC & Sound, EMD #8000
ATHG27352 HO SD80MAC w/DCC & Sound, EMD #8001

EMD FEATURES:

- Illuminated front and rear red marker lights
- Illuminated Ditchlights alternately flash per prototype w/ effect on DCC+Sound version
- Three-panel dynamic intake per EMD prototype



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All Railroads

SOUND EQUIPPED MODELS ALSO FEATURE

- Dual cube speakers
- Onboard DCC+Sound models have full-feature Tsunami2 sound decoder by SoundTraxx
- 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

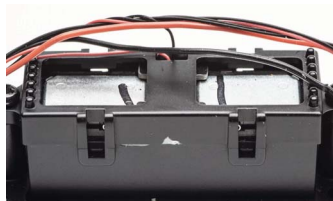
With the increase in available adhesion and tractive effort due to AC-traction technology, an unofficial horsepower race between the two dominant locomotive builders was on.

The SD80MAC was the first EMD locomotive to utilize a V20 engine since the SD45 series. For Conrail, the SD80MACs were the first AC-traction diesel locomotives on the roster. These locomotives became Conrail's choice for handling long and heavy coal trains on their Pittsburgh and Boston Lines, also over their Allegheny Mountain routes in Pennsylvania, West Virginia, Virginia, and New York.

After the split-up of Conrail in 1999, the SD80MACs went to CSX Transportation, and Norfolk Southern. Eventually NS traded with CSX to acquire the remaining SD80MACs becoming the sole operator of these models to date.



Models equipped with marker lights will be illuminated. All SD80MACs will have front and rear illuminated number boards as well.



Models that are DCC+Sound will have dual cube speakers for high fidelity sound.

LOCOMOTIVE FEATURES:

- Brand new model previously only available in brass
- 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, photographs, and more
- Accurately-painted and -printed paint schemes
- Coupler cut levers
- Rubber 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
- 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
- Heavy die-cast frame for greater traction and more pulling power
- Packaging securely holds for the model for safe storage



GENESIS 2.0 FEATURES:

- By integrating and pioneering some of the latest model advancements in the industry, Athearn is redefining model fidelity with Genesis 2.0.
- Etched, see-through walkway steps
- Illuminated number boards
- Illuminated ground lights
- DCC+Sound models feature dual Sugarcube speakers for optimal sound quality

Photos depict pre-production deco sample models; production versions will feature many refinements. Customers are invited to present feedback.*



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