



HO SD40 Diesel Locomotive

Announced 1.26.18
Orders Due: 2.23.18

ETA: January 2019

Southern Pacific*

NEW FEATURES FOR ALL SD40s IN THIS ANNOUNCEMENT:

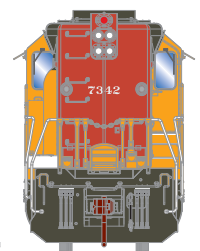
- All-new LED lighting
- Rubber MU hoses for durability
- Photo-etched stainless steel windshield wipers

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



Era: 1980-1983+

SP Photos: Craig Walker



- Orange and Grey "Experimental" #7342
- Unique paint scheme each side per proto



Without Sound

- ATH86717 HO RTR SD40, SP/Orange #7342
- ATH86718 HO RTR SD40, SP/Daylight Red & Orange #7342

With Sound

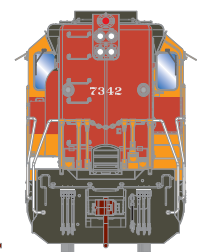
- ATH86817 HO RTR SD40 w/DCC & Sound, SP/Orange #7342
- ATH86818 HO RTR SD40 w/DCC & Sound, SP/Daylight Red & Orange #7342

SP FEATURES:

- SP G.R.I.P. SD40R body
- Front and rear SP style signal lights, red dummy lens
- Nose mount brake ratchet
- Extended range dynamic brakes with twin T-vents
- Nathan P-3 air horn
- Early fans
- 4000 gal fuel tank
- Late style 3 position MU hoses
- Frame mount bell
- Conductor side SP toolbox and 3 short stanchion handrails
- Low mount brake cylinders
- Whip antenna



Era: 1984+



w/o Sound \$139.98 SRP With Econami™ Sound \$199.98 SRP

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* Union Pacific Licensed Product



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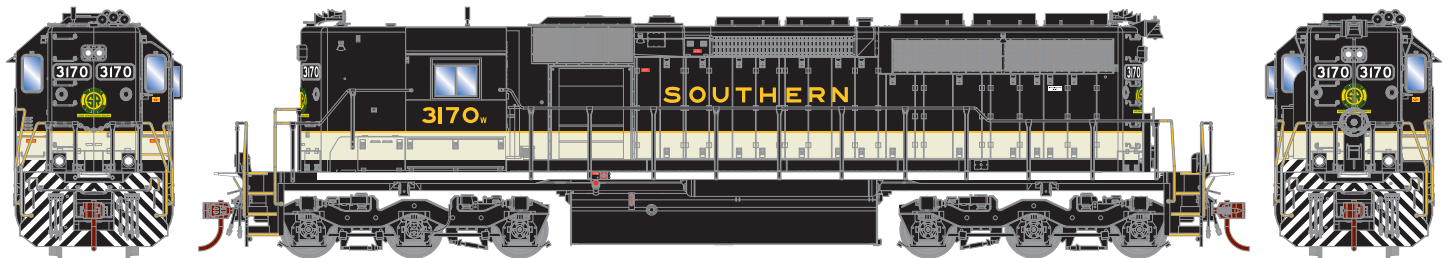
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Norfolk Southern



Photos: Casey Thomason - Courtesy NS Corp.



Era: 2015+

Without Sound

ATH88515 HO RTR SD40, NS/Black/White Heritage #3170 W

With Sound

ATH88615 HO RTR SD40 w/DCC & Sound, NS/Black/White/Heritage #3170 M

NS FEATURES:

- Former SOU SD40 repainted into original scheme by NS
- All-weather cab window on engineer's side
- P5 horns on each end
- Spare knuckle box on walkway
- As on the prototype, our DCC-equipped model will run long-hood forward out of the box.
- Front & rear illuminated ditch lights. On DCC-equipped models, ditch lights on long-hood end will alternate when horn is activated



Southern and N&W were the only railroads to order high-nosed SD40s. Southern rostered 31 of these locomotives, which were delivered in 1971 and 1972. On these prototype locomotives, the long hood was designated as the front.

In 2015 Norfolk Southern repainted 3170 back into it's as delivered SOUTHERN livery at the Chattanooga, Tennessee shop. For a year this locomotive saw revenue service before being donated in 2016 to Tennessee Valley Railroad Museum.

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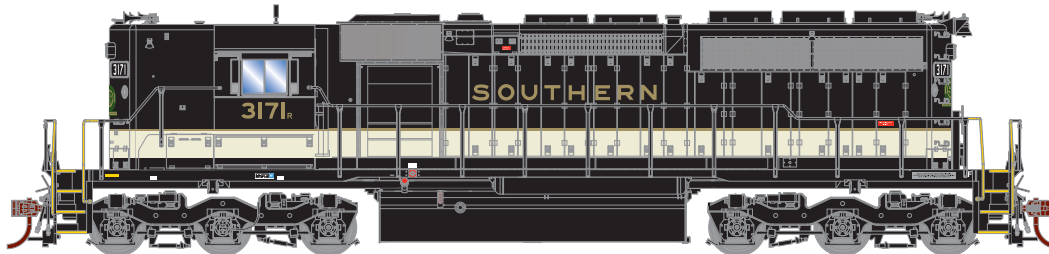


HO SD40 Diesel Locomotive

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Southern

ETA: January 2019



Era: 1971-1972+

Without Sound

ATH88516 HO RTR SD40, SOU/Black/Off white #3171 R
ATH88517 HO RTR SD40, SOU/Black/Off white #3173 K
ATH88518 HO RTR SD40, SOU/Black/Off white #3174 A

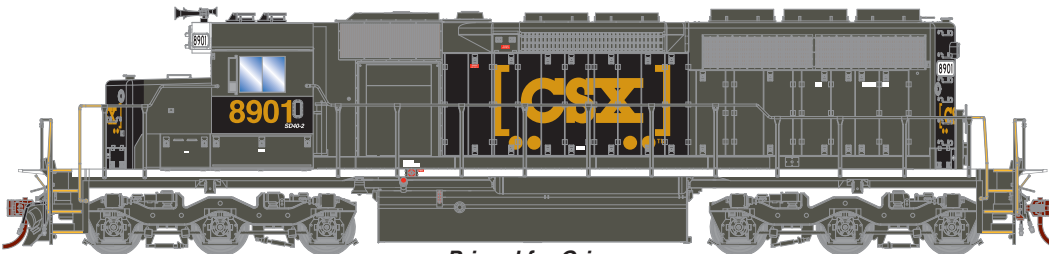
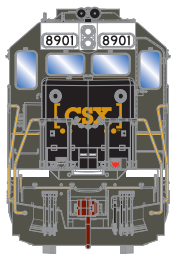
With Sound

ATH88616 HO RTR SD40 w/DCC & Sound, SOU/Black/Off white #3171 R
ATH88617 HO RTR SD40 w/DCC & Sound, SOU/Black/Off white #3173 K
ATH88618 HO RTR SD40 w/DCC & Sound, SOU/Black/Off white #3174 A

SOU FEATURES:

- Late fans
- Extended range dynamic brakes
- Late production ribbed blower housing
- Walkway lights: 3 per side
- SOU-style sunshades
- S3K horn on each end
- Bell on long hood end
- Firecracker antenna
- Rear hand brake
- MU catch trays with footboards on each end
- As on the prototypes, our DCC-equipped models will run long-hood forward out of the box.

CSX



Era: 2014+

Without Sound

ATH88499 HO RTR SD40, CSX/Black w/Boxcar Logo #8901
ATH88500 HO RTR SD40, CSX/Black w/Boxcar Logo #8909
ATH88501 HO RTR SD40, CSX/Black w/Boxcar Logo #8911

With Sound

ATH88599 HO RTR SD40 w/DCC & Sound, CSX/Black w/Boxcar Logo #8901
ATH88600 HO RTR SD40 w/DCC & Sound, CSX/Black w/Boxcar Logo #8909
ATH88601 HO RTR SD40 w/DCC & Sound, CSX/Black w/Boxcar Logo #8911

CSX FEATURES:

- Hinged battery box doors
- Rear hand brake
- Cab signal box
- Per prototype road number: large and small Sinclair antennas, mirrors and wind deflectors, dynamic and radiator fans, MU stands
- Front snowplow
- Illuminated ditch lights
- Spare knuckles on rear pilot

In 2014, CSX traded all 12 of their remaining SD80MAC units to NS in exchange for a group of former Conrail SD40s (rebuilt to Dash-2 standards). Instead of being repainted, the new SD40s simply

received CSX logos on the nose and hood, along with new road numbers, giving them a "patched" appearance.

w/o Sound \$139.98 SRP With Econami™ Sound \$199.98 SRP

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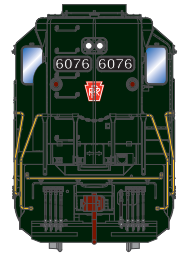
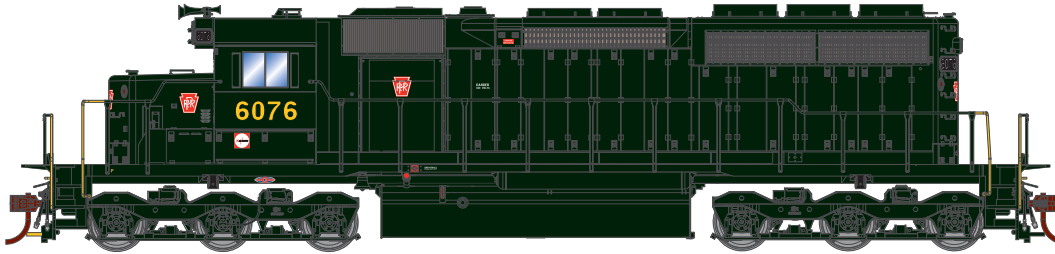
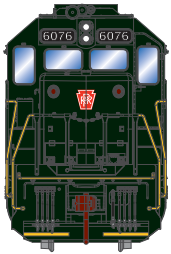


HO SD40 Diesel Locomotive

Pennsylvania

Announced 1.26.18
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ETA: January 2019



Era: 1966+

Without Sound

- ATH88511 HO RTR SD40, PRR/Dark Green #6076
- ATH88512 HO RTR SD40, PRR/Dark Green #6087
- ATH88513 HO RTR SD40, PRR/Dark Green #6091
- ATH88514 HO RTR SD40, PRR/Dark Green #6101

With Sound

- ATH88611 HO RTR SD40 w/DCC & Sound, PRR/Dark Green #6076
- ATH88612 HO RTR SD40 w/DCC & Sound, PRR/Dark Green #6087
- ATH88613 HO RTR SD40 w/DCC & Sound, PRR/Dark Green #6091
- ATH88614 HO RTR SD40 w/DCC & Sound, PRR/Dark Green #6101

PRR FEATURES:

- PRR class EF-30A
- Ratchet brake on nose
- Early fans with center "button"
- Extended range dynamic brakes
- Cab signal box
- Low profile S3L horn on cab
- Sinclair antenna
- Non-operating red marker lights on front & rear
- MU hose catch trays on front & rear

#6091:

- Features alternate wheel bearings on rear truck

All Road Names

SOUND EQUIPPED MODELS ALSO FEATURE

- Onboard Econami sound decoder by Soundtraxx
- Engine startup sound sequence
- Dynamic brake sound or Non-Dynamic Straight to idle on F4
- Extra prime mover and horn sounds exclusive to Athearn version
- Multiple bell sound files user configurable via Configuration Value (CV)
- 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
- Current Keeper ready with on board expansion plug
- Operating lighting functions with F5 and/or F6
- Program a multiple unit (MU) lashup with lead unit only horn, bell, and lights
- Many functions can be altered via CV changes

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
- Separately applied wire grab irons
- Separately applied air tanks
- Coupler cut levers
- Rubber MU hoses
- Photo-etch stainless steel windshield wipers
- Fine scale handrails molded in engineering plastic
- Non-sound version features 21-pin NEM DCC plug
- See-through dynamic brake and radiator fans
- Curved radiator fan grab iron
- Exhaust stack
- Frame mounted bell (unless noted)
- Detailed 4000 gallon fuel tank (unless different capacity is noted)
- Flexicoil-C trucks with high or low brake cylinders (per prototype)
- McHenry scale knuckle spring couplers
- Highly-detailed, injection molded body featuring new tooling
- Painted and printed for realistic decoration
- See through cab windows
- Bi-directional LED lighting
- All-wheel drive with precision gears for smooth and quiet operation
- All-wheel electrical pickup
- 5-pole motor with flywheels and multi-link drivetrain for trouble-free operation
- Wheels with RP25 contours operate on all popular brands of track
- Window packaging for easy viewing
- Interior plastic blister safely holds the model for convenient storage
- Minimum radius: 18"
- Recommended radius: 22"

PROTOTYPE INFO:

In 1966, EMD updated its locomotive catalog with entirely new models, all powered by the new 645 diesel engine. The SD40 had 3,000 hp from a turbocharged V16. 856 examples of this locomotive model were built for American railroads, 330 were built for Canadian railroads, and 72 were built for Mexican railroads.

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