



HO SD40 Diesel Locomotive

Announced 2.23.18
Orders Due: 3.30.18

ETA: February 2019

NEW FEATURES FOR ALL SD40s IN THIS ANNOUNCEMENT:

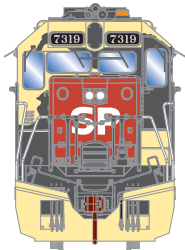
- All-new LED lighting
- Rubber MU hoses for durability
- Photo-etched stainless steel windshield wipers

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

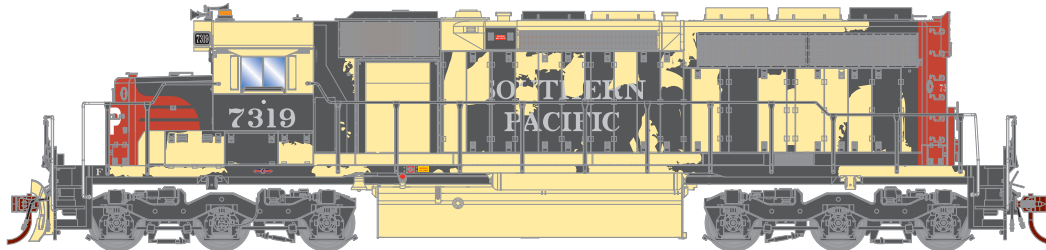


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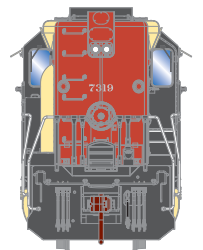
Southern Pacific*



Era: 1992+



Primed for Grime



Without Sound

ATH86729

HO RTR SD40, SP (SD40R) "Desert Storm" #7319

ATH86730

HO RTR SD40, SP (SD40R) Stencil Lettering #7310

With Sound

ATH86829

HO RTR SD40 w/DCC & Sound, SP (SD40R) "Desert Storm" #7319

ATH86830

HO RTR SD40 w/DCC & Sound, SP (SD40R) Stencil Lettering #7310

#7319:

- Rear mount brake wheel
- High mount brake cylinders

#7310:

- Nose mount brake ratchet
- Hi-Low brake cylinders

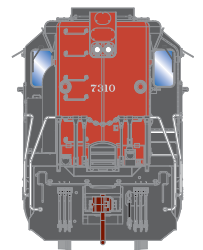
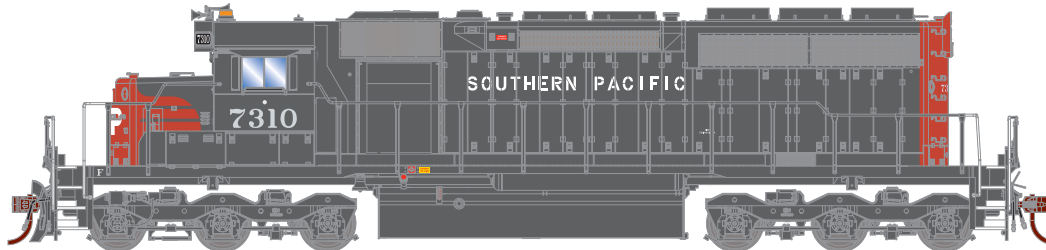
SP #7319 was SP's unintentional version of UP's "Desert Victory" paint scheme. That was because most of the gray paint had peeled off the unit leaving the tan primer visible which looked somewhat like camouflage.

SP SD40R FEATURES:

- SP G.R.I.P. SD40R body
- Front and rear SP style signal lights removed and plated over
- Illuminated Prime Stratolight beacon (flashes on DCC/sound version)
- 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
- Whip antenna



Era: 1990+



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

These items are subject to Horizon's MAP policy

* Union Pacific Licensed Product

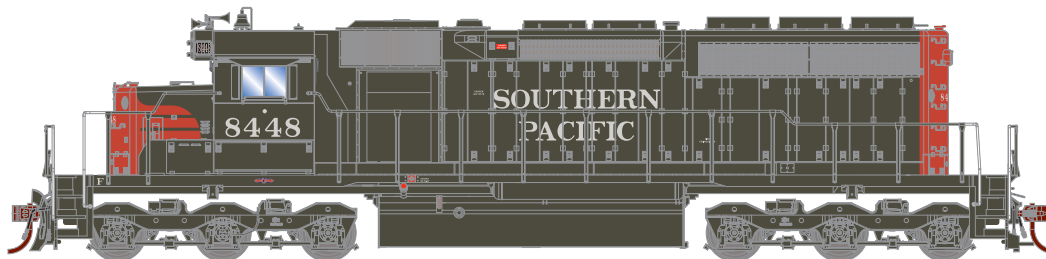
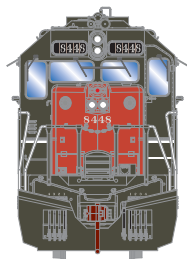


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HO SD40 Diesel Locomotive Southern Pacific*

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Era: 1967-Mid 1970s

Without Sound

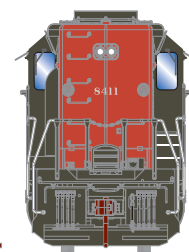
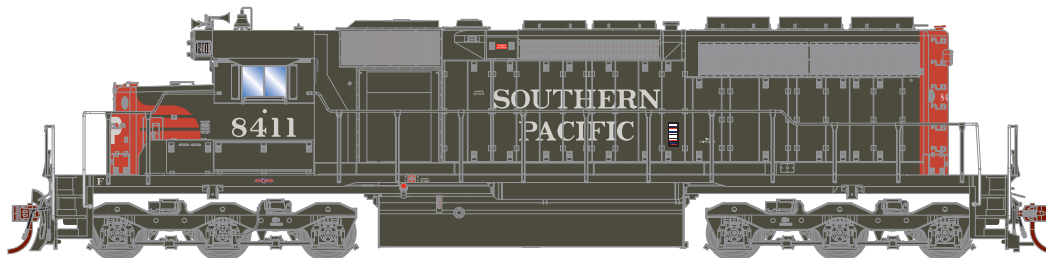
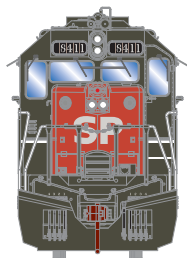
ATH86719
ATH86720
ATH86721

HO RTR SD40, SP/Red & Grey #8448
HO RTR SD40, SP/Red & Grey #8457
HO RTR SD40, SP/Red & Grey #8462

With Sound

ATH86819
ATH86820
ATH86821

HO RTR SD40 w/DCC & Sound, SP/Red & Grey #8448
HO RTR SD40 w/DCC & Sound, SP/Red & Grey #8457
HO RTR SD40 w/DCC & Sound, SP/Red & Grey #8462



Era: Early 1970s+

Without Sound

ATH86722
ATH86723
ATH86724

HO RTR SD40, SP/Red & Grey/SP on Nose #8411
HO RTR SD40, SP/Red & Grey/SP on Nose #8437
HO RTR SD40, SP/Red & Grey/SP on Nose #8451

With Sound

ATH86822
ATH86823
ATH86824

HO RTR SD40 w/DCC & Sound, SP/Red & Grey/SP on Nose #8411
HO RTR SD40 w/DCC & Sound, SP/Red & Grey/SP on Nose #8437
HO RTR SD40 w/DCC & Sound, SP/Red & Grey/SP on Nose #8451

SP SD40 FEATURES:

- As delivered SP body
- Front SP style signal lights
- Extended range dynamic brakes with rear T-vent
- Nathan P-3 air horn
- Early fans
- 4000 gal fuel tank
- Early style 4 position MU hoses
- Roof mount bell
- Conductor side 3 short stanchion handrails
- Whip antenna

8411, 8437, & 8451 feature block SP letters on nose and ACI labels which were added to the units starting in the early 1970s.



Photo: Craig Walker

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ETA: February 2019

Gulf, Mobile & Ohio



Photos: Ken Donnelly Collection



Era: 1966+

Without Sound

ATH86725	HO RTR SD40, GM&O/Red & White #913
ATH86726	HO RTR SD40, GM&O/Red & White #914
ATH86727	HO RTR SD40, GM&O/Red & White #916
ATH86728	HO RTR SD40, GM&O/Red & White #920

With Sound

ATH86825	HO RTR SD40 w/DCC & Sound, GM&O/Red & White #913
ATH86826	HO RTR SD40 w/DCC & Sound, GM&O/Red & White #914
ATH86827	HO RTR SD40 w/DCC & Sound, GM&O/Red & White #916
ATH86828	HO RTR SD40 w/DCC & Sound, GM&O/Red & White #920

GM&O FEATURES:

- Low 81" nose with brake ratchet
- Standard range dynamic brake
- MU catch trays with footboards
- Low mount brake cylinders
- Conductor side 3 short stanchion handrails
- 4000 gal fuel tank
- Late style 3 position MU hoses
- Frame mount bell
- Leslie 5-chime air horn

The Gulf Mobile & Ohio SD40s were found in a variety of service post delivery from EMD. One of the more consistent assignments would be in coal service on the unit Commonwealth Edison coal train. Although spending only a few years in service on the GM&O before the company merged with Illinois Central, many of these locomotives lasted in their as delivered livery until the mid 1980s.

CWEX Thrall gons: next months announcements including for the first time, the more common, reporting marks only ComEd scheme.



Photos: Robert F. Schramm Collection

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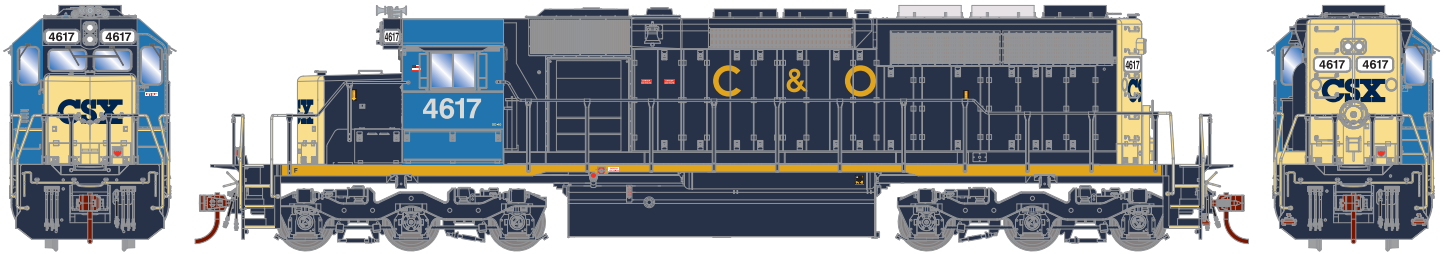


HO SD40 Diesel Locomotive

Announced 2.23.18
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CSX

ETA: February 2019



Primed for Grime

Era: 2010+

Without Sound

ATH86731 HO RTR SD40, CSX/Ex-C&O #4617

With Sound

ATH86831 HO RTR SD40 w/DCC & Sound, CSX/Ex-C&O #4617

CSX "C&O HERITAGE" FEATURES:

- Rear hand brake
- Spare knuckles on rear pilot
- K5LA horn
- "Primer"-painted radiator fans to represent replacement parts
- Bell mounted on side of dynamic brake hatch
- Flexicoil Hi-brake trucks

One of the more famous CSX locomotive was this former C&O SD40. Affectionately referred by many in the railfan community as the CSX "C&O Heritage" unit, it lasted many years in a ratty faded and patched condition. The original C&O paint survived both the Chessie and CSX eras before finally being retired and repainted into her as delivered C&O scheme in 2017. After being restored to her as delivered road number C&O #7534 ex (CSX #4617) was donated to the C&O Historical Society.

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

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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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"

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