

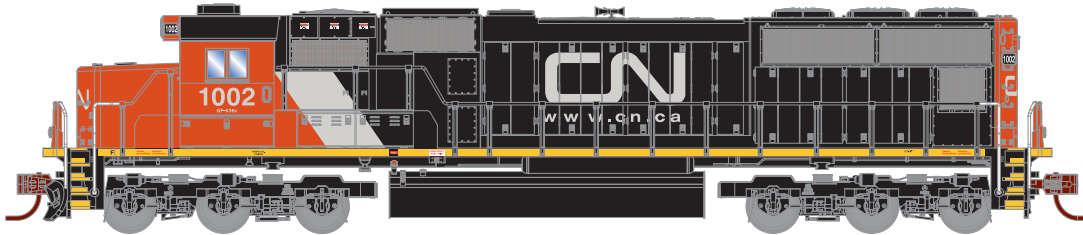


# N EMD SD70

Announced 2.24.17  
Orders Due: 03.24.17

## Canadian National

ETA: January 2018

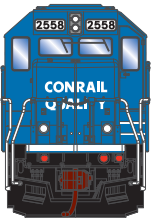


Era: 2000s+

ATH7338  
ATH7318  
ATH7319

N RTR SD70, CN #1002  
N RTR SD70, CN #1008  
N RTR SD70, CN #1012

## Conrail

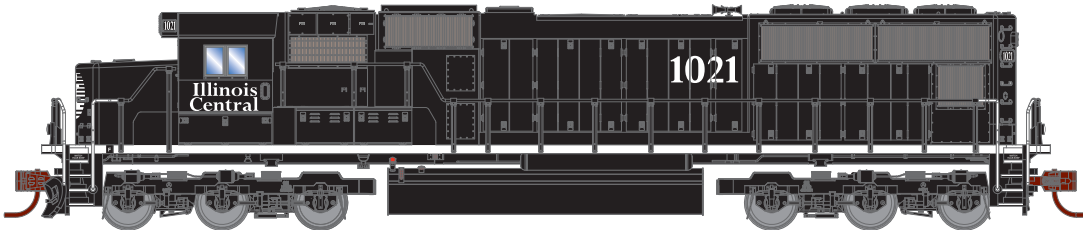


Era: 1990s+

ATH7320  
ATH7321  
ATH7322

N RTR SD70, CR #2558  
N RTR SD70, CR #2560  
N RTR SD70, CR #2569

## Illinois Central

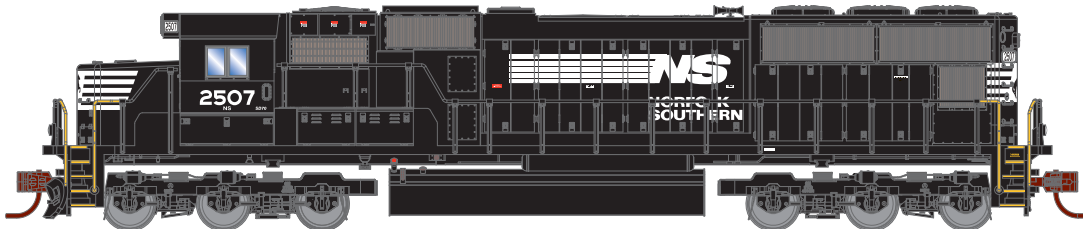


Era: 1990s+

ATH7323  
ATH7324  
ATH7325

N RTR SD70, IC #1021  
N RTR SD70, IC #1025  
N RTR SD70, IC #1027

## Norfolk Southern



Era: Late 1990s+

ATH7326  
ATH7327  
ATH7328

N RTR SD70, NS #2507  
N RTR SD70, NS #2512  
N RTR SD70, NS #2515

**\$129.98** SRP



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# N EMD SD70 Northern Pacific

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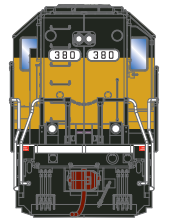
ETA: January 2018



Era: 1990s+

ATH7329 N RTR SD70, NP #3800  
ATH7330 N RTR SD70, NP #3805  
ATH7331 N RTR SD70, NP #3809

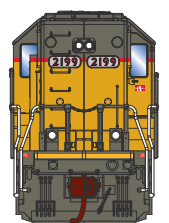
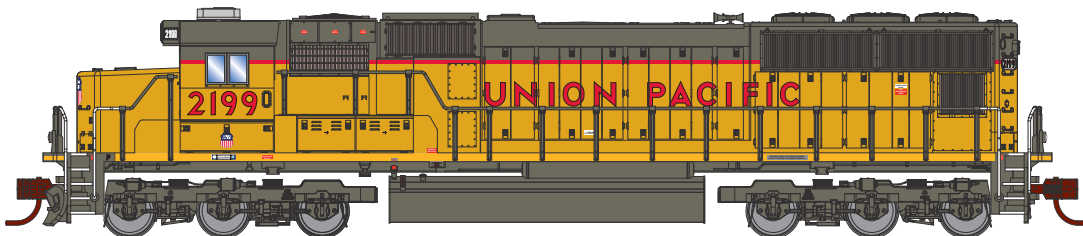
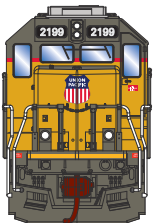
## Spokane, Portland & Seattle



Era: 1990s+

ATH7332 N RTR SD70, SP&S #380  
ATH7333 N RTR SD70, SP&S #382  
ATH7334 N RTR SD70, SP&S #385

## Union Pacific\*



Era: 2000+

ATH7335 N RTR SD70, UP #2199  
ATH7336 N RTR SD70, UP #2223  
ATH7337 N RTR SD70, UP #2219

**\$129.98**SRP



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\* Union Pacific Licensed Product



# N EMD SD70

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ETA: January 2018

## All Road Names

### PROTOTYPE AND BACKGROUND INFO:

Continuing upon the successful SD60-series, in 1992 EMD debuted the next step in locomotive evolution with the SD70. While outwardly similar at first glance to the SD60, the D.C.-drive SD70 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. Eastern giant Norfolk Southern liked what it saw, and was the first to order SD70s, but with a twist; instead of having them equipped with the increasingly popular (and soon to be standard) "M" cab, they opted for standard, or "Spartan" cabs on their initial orders. The first production SD70s, NS 2501-2506, built in 1993, were quickly followed by additional units; NS 2507-2531, also built in 1993, and NS 2532-2556, built in 1994. They could be found in a variety of assignments over the NS system, and even saw run-through service on connecting roads, such as Southern Pacific, making appearances on the West Coast.

### LOCOMOTIVE FEATURES:

- See-through cab windows
- Factory installed Celcon handrails
- 5-pole motor with precision-machined flywheels and multi-link drive train for trouble free operation
- DCC Ready
- Illuminated front and rear headlights
- Nickel plated, blackened machined wheels
- Wheel contours operate on all popular brand of track
- Replacement parts available

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