



# SD40T-2 Diesel Locomotive

H0

## Union Pacific\*



Era: 2001+

	DCC Ready	with Sound
UP #2923	ATH73041	ATH73141
UP #2929	ATH73042	ATH73142
UP #2930	ATH73043	ATH73143

### UP FEATURES:

- 88" nose with brake wheel
- Front ditch lights
- Modified front L window
- UP style front plow
- Cab mounted A/C
- Removed front and rear SP light package
- Standard range dynamic brakes
- M3 horn

After UP took over the SP in 1996, several older SP units were repainted into UP colors. While UP had many roster changes, it was common during this period for batches of locomotives to get renumbered. Our models depict the renumbered versions before they were retired.

## Rio Grande\*



Era: 1990s+

	DCC Ready	with Sound
DRGW #5400	ATH73044	ATH73144
DRGW #5405	ATH73045	ATH73145
DRGW #5413	ATH73046	ATH73146

### DRGW FEATURES:

- 88" nose with brake wheel
- Tall front ditch lights
- Extended range dynamic brakes
- Large Sinclair antenna
- Stratolight Beacon
- Relocated P3 horn
- Small EMD plow

The 1990's were an interesting time for some railroads. An example of this would be SP-era Rio Grande SD40T-2's. SP has always been known for having a plethora of lights on their diesels. During this period, Stratolight beacons and front ditch lights were added to many DRGW locomotives. With the combination of the factory installed nose Mars lights, these were affectionately nicknamed as "xmas tree" lights by some railfans.

**\$179.99 w/o SOUND | \$279.99 w/ Tsunami<sup>2</sup> SOUND**

These items are subject to Horizon's MAP policy

Orders Due: 04.29.22

ETA: MAY 2023



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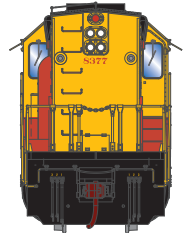
## Southern Pacific\* - "Kodachrome"



Era: 1985+



Era: 1985+



Era: 1985+

### DCC Ready

- SP #8315 ATH73047
- SP #8351 ATH73048
- SP #8377 ATH73049

### with Sound

- ATH73147
- ATH73148
- ATH73149

### SP FEATURES:

- Gyra lights (Operate in DCC)
- Cab roof A/C
- P3 horn
- Standard range dynamic brakes
- See-through lower air intakes

### ROAD NUMBER SPECIFIC FEATURES:

- #8315 123" Nose w/brake wheel, cab roof mounted bell, plows on both ends, modified front L window, GRIP battery box doors, Santa Fe style font numbers
- #8351 116" nose w/ratchet brake, cab roof mounted bell, plows on both ends, modified front L window, GRIP battery box doors, standard rear headlight, SP style font numbers
- #8377 123" nose w/brake wheel, frame mounted bell, plows on front end only, front L window, standard battery box doors, SP style font numbers

SP and Santa Fe during the mid 1980's were trying to become one railroad. They were so sure the merger would be approved, they started to repaint locomotives into their "new" corporate colors. Using SP red and Santa Fe yellow, they came up with this bright and vibrant scheme. Unfortunately, the then ICC denied the merger leaving an example of what some railfans nicknamed, "Shouldn't Paint So Fast". By the end of the merger negotiations, SP only painted 3 "Snoot-nose" SD40T-2's. We are offering all 3 which have slightly different details between them.

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## Southern Pacific\* - "Black Widow"



Era: 1978+

**DCC Ready**  
 SP #8392 ATH73050  
 SP #8393 ATH73051

**with Sound**  
 ATH73150  
 ATH73151

**SP FEATURES:**

- 123" Nose with brake wheel
- Cab mounted A/C
- Full SP light package on both ends
- Front L window
- P3 Horn
- Legendary Liveries

A fun play on "what-if" could leave the imagination to visualize what would happen if SP never adopted the Grey and Red "Bloody nose" scheme. As a part of our Legendary Liveries line, we are offering that thought as a reality with this release. Referred to as "Black Widow" from railfans, this is our representation of what could have been if the scheme was still used.

## Southern Pacific\* - "Speed Lettering"



Era: 1994+

**DCC Ready**  
 SP #8237 ATH73052  
 SP #8256 ATH73053  
 SP #8294 ATH73054

**with Sound**  
 ATH73152  
 ATH73153  
 ATH73154

**SP FEATURES:**

- 88" nose with brake wheel
- Cab mounted A/C
- Front ditch lights
- Relocated P3 horn
- Modified front L window
- Removed front and rear SP light package
- Extended range dynamic brakes

In an attempt to revise their image, SP began to use a new "Speed Lettering" scheme adapted in 1991. Also during this time, they started to remove parts of their well-known light packages. If a light component failed, it would have to be fixed, thus taking the locomotive out of service. To reduce maintenance costs, SP started to actively remove these extra lights leaving empty brackets and plates where they were once installed. Other changes included the addition of front ditch lights and the horn being relocated to the rear hood.

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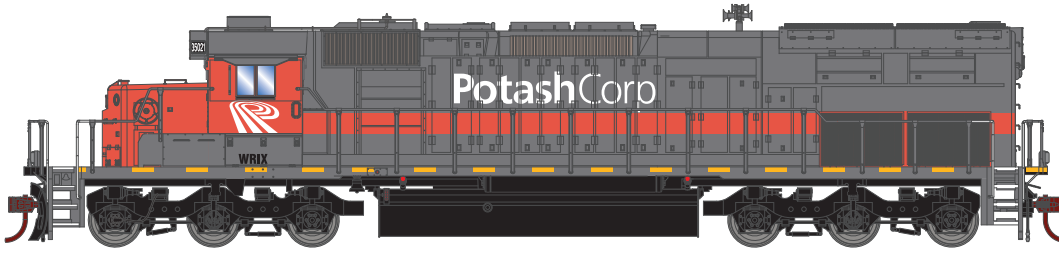
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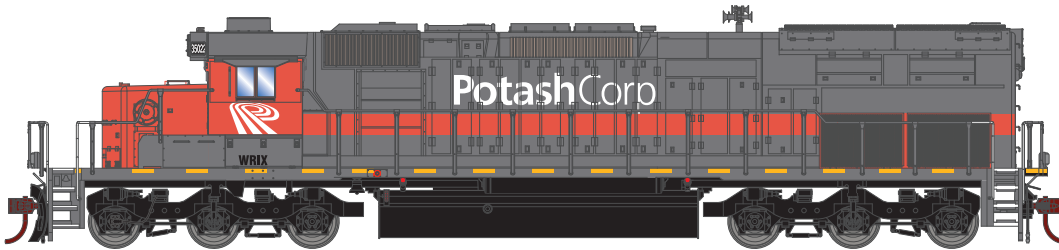
# SD40T-2 Diesel Locomotive

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## Potash Corp



Era: 2012+



Era: 2012+

- |             |                  |                   |                       |   |
|-------------|------------------|-------------------|-----------------------|---|
| WRIX #35021 | <b>DCC Ready</b> | <b>with Sound</b> | <b>WRIX FEATURES:</b> |   |
| WRIX #35022 | ATH73055         | ATH73155          | • Cab air conditioner | • Operating front and rear ditch lights |
|             | ATH73056         | ATH73156          | • Large snowplows     |   |

### ROAD NUMBER SPECIFIC FEATURES:

- #35021 Former SP unit, blank SP nose UDE light & cab gyalight, whip antenna on ground pane with conduit, modified L window
- #35022 Former DRGW unit, blanked nose class lights, small sinclair antenna

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## All Road Names

### 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
- Effect lighting (if applicable) using F5 and/or F6
- Program a multiple unit (MU) lashup with lead unit only horn, bell, and lights
- Many functions can be altered via Configuration Value (CV) changes

### PROTOTYPE SPECIFIC INFORMATION

The SD40T-2 is a 6-axle diesel-electric locomotive built by General Motors Electro-Motive Division having a 16-cylinder EMD 645E3 diesel engine producing 3,000 horsepower (2,240 kW). 312 SD40T-2s were built for North American railroads between April 1974 and July 1980. This locomotive and the SD45T-2 are popularly called tunnel motors, but EMD's term is SD40-2s with "cooling system modifications" because they were designed for better engine cooling in tunnels. The difference between this locomotive and its non-tunnel motor cousin, the SD40-2, are the radiator intakes and radiator fan grills located at the rear of the locomotive. The radiator air intakes in this model were along the deck to allow more fresh, cooler air to enter and less hot exhaust fumes lingering around the tunnel's ceiling.

### SD40T-2 SERIES LOCOMOTIVE FEATURES:

- Fine scale handrails
- Separately applied air tanks
- HTC truck sideframes
- All-wheel electrical pickup
- See-through dynamic brake fans
- Separately applied wire grab irons
- Rubber trainline and MU hoses with silver ends
- Standard Dash-2 cab, windows correct per prototype
- See-through radiator grilles with new rear truck gearbox specific for the tunnel motor
- Speed recorder attached to appropriate axle per prototype
- McHenry® operating scale knuckle couplers
- All-wheel drive with precision gears for smooth and quiet operation
- 5-pole motor with flywheels and multi-link drivetrain for trouble-free operation
- DCC Ready 21-pin NEM Quick Plug™ technology
- Nickel plated, blackened machined wheels
- Wheels with RP25 contours operate on all popular brands of track
- Fully assembled and ready-to-run
- Highly-detailed, injection molded body
- Painted and printed for realistic decoration
- Recommended radius: 22"
- Photo-etched windshield wipers
- LED Lighting
- Welded ECAFB



### LEGENDARY LIVERIES

What are Legendary Liveries? An Athearn exclusive, they are the ultimate answer to "What if?" Featuring some of the most popular railroad paint schemes of all time, these models are perfect for collecting, proto-freelancing, or just plain fun! Whether company proposed paint schemes, canceled locomotive orders, or alternate takes on history, Legendary Liveries are fun and unique additions to any roster. Enjoy these items, and answer the ultimate railroad question of: "What if?"

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