**RTR SD38 Locomotive**

**Reading, Blue Mountain & Northern**

**Road Number Specific Features:**
- **#2000** Ex-CR, M3 horn, large fuel tank, 2009 repainted appearance with website logo

**Road Number Specific Features:**
- **#2003** Ex-DTIGTW, P3 horn, smaller fuel tank, silver frame stripe and trucks, 2003 fresh repaint appearance with website logo and 20 anniversary logo

**RBMN Features:**
- Forward and reverse ditch lights, Triple clasp brakes, small EMD front plow, Sinclair antenna. New run with upgraded tooling, available with sound/DCC, and ditch lights!

**Grand Trunk Western**

**Road Number Specific Features:**
- **#6250** Full GTW repaint, standard EMD exhaust stacks, front small EMD plow, regular 81” nose
- **#6251** Full GTW repaint, standard EMD exhaust stacks, front small EMD plow, regular 81” nose
- **#6252** GTW patch with faded colors, Large Y-style spark arrestors, original nose bell, no plow
  - Please note: due to strobe location, it will be included in a poly bag with LED.

**GTW Features:**
- All Ex DTI. M3 horn, Xenon strobe, Firecracker antenna, smaller fuel tank

**Prices:**
- **Prime for Grime** $179.99 w/o SOUND | $249.99 w/ SOUND
- **Econami** $169.99 w/o SOUND | $239.99 w/ SOUND

These items are subject to Horizon’s MAP policy.
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Bessemer & Lake Erie

Road Number Specific Features:
- **#866** Leslie 3 chime horn, black painted left side walkway, front and rear ditch lights, battery danger decals, modern “loop” style coupler cut lever
- **#867** Leslie 3 chime horn, front and rear ditch lights, red coupler cut lever

BLE Features:
Later large paper air filter box dynamic brakes, cab mounted gyro-light (upper light only), smaller fuel tank, ditch lights, no plow, rear brake wheel, extra jacking pads, yellow frame stripe, painted lower steps.

Conrail

Road Number Specific Features:
- **#6939** Smaller “Q” logos, “Conrail” logo on front and rear, small EMD plow, Leslie 3 chime horn, Sinclair antenna, rear brake wheel, triple clasp brakes
- **#6953** Larger “Q” logos, “Conrail Quality” logo on front and “Conrail” logo on rear, no plow, Leslie 3 chime horn, Sinclair antenna, rear brake wheel, triple clasp brakes, exposed Timkin bearing trucks

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Norfolk Southern

DCC Ready with Sound

ATH88645
ATH88945

ATH88646
ATH88946

Era: 2009+

Road Number Specific Features:

• #3805 White patch with black numbers, faded paint effect, triple clasp brakes, large fuel tank, rear mounted Leslie 3 chime horn, front ditch lights, angled cab roof antenna, Prime A/C, small EMD plow

• #3818 Black patch with white numbers, faded paint effect, triple clasp brakes, large fuel tank, rear mounted Leslie 3 chime horn, front ditch lights, cab roof antenna, Prime A/C, no plow

Detroit, Toledo & Ironon

DCC Ready with Sound

ATH88647
ATH88947

ATH88648
ATH88948

ATH88649
ATH88949

Era: Early 1980s+

Road Number Specific Features:

• #250 Unique “weathered” version with peeling paint effect. Large can style spark arrestors, all-weather window

• #251 Y-style spark arrestors, all weather window. Moved DT&I art on the long hood

• #254 Y-style spark arrestors, all weather window. Extended walkway on the conductor’s side

DTI Features:

Later rebuild with large paper air filter box version. Please note: due to strobe location, it will be included in a poly bag with LED. Models come with M3 horn, spark arrestors, rear brake wheel, smaller fuel tank, nose mounted bell.

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All Road Names

SD38 SERIES LOCOMOTIVE FEATURES:
- Separately applied wire grab irons
- Standard 81” low nose without headlight or brake unless noted
- Standard cab with dual beam sealed headlight and glare shields unless noted
- See-through cab windows
- Fixed-position cab side windows
- Oil-bath or Paper air filters per prototype
- Ribbed or smooth blower housing per prototype
- Standard dustbin unless noted
- See-through dynamic brake and radiator fans
- Dynamic or non dynamic brakes per prototype
- Dynamic brake vent per prototype
- Non-turbo exhaust stacks
- Chicken wire radiator grilles unless noted
- “F” painted on short hood end unless noted
- 2600, 3200 or 4000 gallon fuel tank per prototype
- Air tank
- Printed numberboards
- Fine scale handrails
- Fully assembled and ready-to-run
- McHenry® scale knuckle spring couplers
- DCC Ready 21-pin NEM Quick Plug™ technology
- Genesis motor retrofit kit ATHG63839 compatible
- Highly-detailed, injection molded body
- Painted and printed for realistic decoration
- Bi-directional constant lighting so headlight brightness remains consistent
- All-wheel drive with precision gears for smooth and quiet operation
- All-wheel electrical pickup
- 5-pole skew wound motor with flywheels and multi-link drivetrain for trouble-free operation
- Wheels with RP25 contours operate on all popular brands of track
- Recommended radius: 22”

SOUND-EQUIPPED MODELS ALSO FEATURE
- Onboard Econami Sound 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
- 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 SD38 is a 6-axle diesel-electric locomotive built by General Motors Electro-Motive Division between May 1967 and October 1971. It had an EMD 645 16-cylinder engine generating 2,000 horsepower. The EMD SD38AC built by General Motors Electro-Motive Division between June and October 1971. It was basically an SD38 with an AR10 alternating current alternator instead of the SD38’s normal direct current generator. It also produces 2,000 horsepower from a 16-cylinder EMD 645E roots blown prime mover. It came equipped with or without dynamic brakes. The SD38 and SD38AC have the same frame as the SD39, SD40 and SD45.

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