

# EMD SD90MAC-H Diesel Locomotive

HO

\* Union Pacific Licensed Product

Era: 1998-2006

ETA: DECEMBER 2026

Thearn

## **Union Pacific\***



with Sound	UP FEATURES:
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 without Sound
 with Sound
 UP F

 SD90MAC, UP #8501
 ATHG-2542
 ATHG-2566
 • Ear

 SD90MAC, UP #8502
 ATHG-2543
 ATHG-2567
 • "Re

SD90MAC, UP #8502 ATHG-2543 ATHG-2567 SD90MAC, UP #8505 ATHG-2544 ATHG-2568 SD90MAC, UP #8506 ATHG-2545 ATHG-2569 Early production Phase I
"Rebuilt" body with revised hood doors and conductor's side walkway details

Union Pacific first took delivery of their "Phase I" SD90MAC-Hs in 1997. The first unit was numbered 8160, but was quickly renumbered. Debuting EMD's new 265-H prime mover, UP hoped that their high power rating would allow for unit reductions on their trains. Shortly after delivery, UP began rebuilding the units with modified hood doors and walkway equipment, as depicted on this version.

\$294.99 w/o SOUND I \$399.99 w/ [sunami2] SOUND

†Items listed are subject to cancellation if pre-order minimum production quantities are not met.

These items are subject to Horizon's MAP policy



# EMD SD90MAC-H Diesel Locomotive

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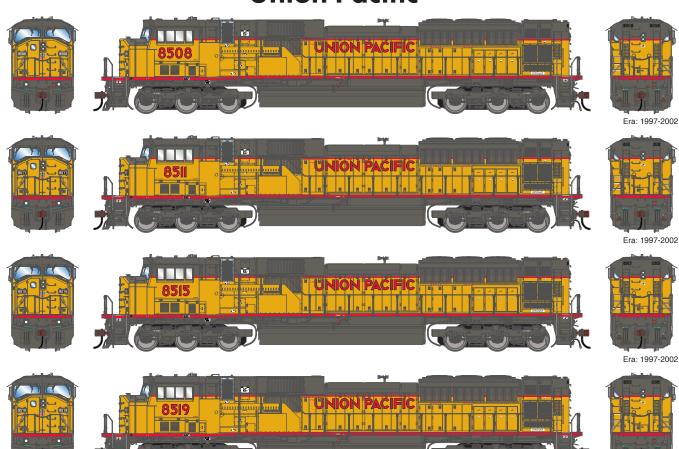
\* Union Pacific Licensed Product

Era: 1997-2002

ETA: DECEMBER 2026

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## **Union Pacific\***



	<i>-</i>		
SD90	MAC, L	JP #8	3508
SD90	MAC, L	JP #8	3511

SD90MAC, UP #8515 SD90MAC, UP #8519

without Sound	with Sound
ATHG-2546	ATHG-2570
ATHG-2547	ATHG-2571
ATHG-2548	ATHG-2572
ATHG-2549	ATHG-2573

#### **UP FEATURES:**

- · Late production Phase I
- · As-delivered details and paint

The second group of Phase I SD90MACs ordered by the UP featured several minor design changes versus the first group, as EMD attempted to refine its product.

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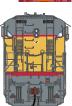


**Electro-Motive Division Leasing** 









Era: 2006

without Sound SD90MAC, EMLX #8500 ATHG-2550

with Sound ATHG-2574

#### **EMLX FEATURES:**

 "Rebuilt" body with revised hood doors and conductor's side walkway details

Starting in the mid 2000s, several of the UP SD90MAC units ended up in lease service. EMLX 8500 was the only phase I SD90MAC-H unit to carry EMLX markings.

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# EMD SD90MAC-H Diesel Locomotive NOW with ROTATING BEARING CAPS



## **Union Pacific\***

\* Union Pacific Licensed Product







Era: 2006+







Era: 2006+



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Era: 2006+

SD90MAC, UP #8928 SD90MAC, UP #8929 SD90MAC, UP #8931 
 without Sound
 with Sound

 ATHG-2551
 ATHG-2575

 ATHG-2552
 ATHG-2576

 ATHG-2553
 ATHG-2577

### **UP FEATURES:**

 "Rebuilt" body with revised hood doors and conductor's side walkway details

Later in their lives, the UP SD90MACs received numbers in the 89XX series.

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### **EMD SD90MAC-H Diesel Locomotive NOW with ROTATING BEARING CAPS**



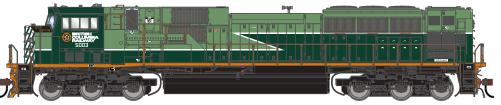
Orders Due: 07.25.25

ETA: DECEMBER 2026

### **BC** Rail

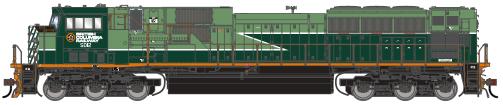












Era: 2000s+ (Alternate history)

without Sound with Sound

SD90MAC, BCOL #5003 ATHG-2554 SD90MAC, BCOL #5012 ATHG-2555

ATHG-2578 ATHG-2579

British Columbia Rail, formerly Pacific Great Eastern, is a government-owned railroad in British Columbia. In 2004, they leased their freight operations to Canadian National. After this point, their equipment was gradually repainted into the CN scheme- but what if they had remained independent for a while longer?

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# **EMD SD90MAC-H Diesel Locomotive**

**NOW with ROTATING BEARING CAPS** 



\* Union Pacific Licensed Product

## Missouri-Kansas-Texas\*











SD90MAC, MKT #800 SD90MAC, MKT #807 without Sound with Sound ATHG-2558 ATHG-2582 ATHG-2559 ATHG-2583

MKT was an esteemed Class I carrier which was headquartered in Dallas, TX. The line was merged with the UP in 1988, but many modelers have fond memories of the line. What would their motive power have looked like in the modern era?

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# EMD SD90MAC-H Diesel Locomotive NOW with ROTATING BEARING CAPS

Orders Due: 07.25.25

ETA: DECEMBER 2026

## **Frisco**













Era: 2000s+ (Alternate history)

SD90MAC, SLSF #1100 SD90MAC, SLSF #1111 without Sound with Sound ATHG-2560 ATHG-2584 ATHG-2585

The St. Louis-San Francisco Railway operated more than 6000 miles of track by the time they were merged with the BN in 1980. Had the system remained independent, here's what could have been on the EMD order books in the early 2000s.

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Orders Due: 07.25.25 ETA: DECEMBER 2026

### **Rock Island**













SD90MAC, RI #6000 SD90MAC, RI #6006 without Sound with Sound ATHG-2586 ATHG-2562 ATHG-2587 ATHG-2563

The Chicago, Rock Island and Pacific Railroad was a famed midwestern carrier that operated in some form from 1847 to 1980. After the road went bankrupt, its lines and equipment were scattered piecemeal, but fond memories remained of the line's varied and eclectic motive power. Here's our take on modern locos for The Rock, ready to speed another grain train down to the port of Galveston.

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### **EMD SD90MAC-H Diesel Locomotive NOW with ROTATING BEARING CAPS**

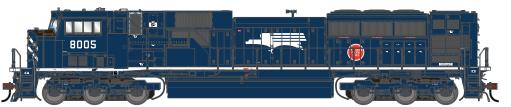


\* Union Pacific Licensed Product

## Missouri Pacific\*













Era: 2000s+ (Alternate history)

SD90MAC, MP #8005 SD90MAC, MP #8027 without Sound with Sound ATHG-2588 ATHG-2564 ATHG-2589 ATHG-2565

The "MoPac" was one for the first railroads in the US to operate west of the Mississippi. They merged into the UP in 1982- but what if an independent MP had survived into the modern era?

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### **All Road Names**

### SOUND-EQUIPPED MODELS ALSO FEATURE

- Onboard DCC decoder with SoundTraxx Tsunami2 sound
- Dual cube speakers for optimal sound quality
- 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
- · Precision slow speed control
- · Program a multiple unit (MU) lashup with lead unit only horn, bell,
- Many functions can be altered via Configuration Value (CV) changes
- · CV chart included in the box

### PROTOTYPE SPECIFIC INFORMATION

Introduced in 1995, the EMD SD90MAC was intended to become that builder's most-powerful single-engine diesel locomotive. The new locomotive was to use EMD's newly-developed 265H prime mover, featuring 6000 horsepower. However, this engine was experiencing technical problems in development, which led to the first groups of locomotives being delivered with the EMD 710G prime mover of 4300 horsepower (the intent being to retrofit these with the more-powerful 265H at a later date). Ironically, the technical problems with the 265H were never fully resolved, and no conversions were done. The 710G-engined SD90MACs outlasted their later 265H cousins in service by a wide margin, with some units only recently having been retired or sold by Union Pacific, and other railroads choosing to rebuild them for continued service.

The Athearn Genesis SD90MAC features all of the cutting-edge detail and operational features that are expected by discerning modelers: Working number boards and ground lights, see-through steps, numerous separately-applied details on the body and underframe, and a heavy die-cast frame for massive pulling power.

### **SD90MAC SERIES LOCOMOTIVE FEATURES:**

- Flexible rubber trainline hose
- Etched see-through steps
- · Lit Number Boards & Truck Lights · Sander lines
- Coupler cut levers
- · Trainline hose
- · Full cab interior
- Windshield wipers
- · Walkway tread · Wire grab irons

· Flexible rubber MU hoses

· See-through cab windows

· Lift rings

- DCC-ready features Quick Plug™ plug-and-play technology with 21-pin NEM connector
- Fine-scale Celcon handrails for scale appearance Detailed fuel tank with fuel fillers, fuel gauges, and breather pipes
- Body-mounted McHenry® operating scale knuckle couplers
- · Genesis driveline with 5-pole skew wound motor, precision machined flywheels, and multi-link drivetrain for trouble free operation
- All-wheel drive with precision gears for smooth and quiet operation
- All-wheel electrical pickup provides reliable current flow
- Wheels with RP25 contours operate on all popular brands of track
- LED Lighting for realistic appearance
- Heavy die-cast frame for greater traction and more pulling power
- Scaled from prototype resources including drawings, field measurements, photographs, and more
- · Accurately-painted and -printed paint schemes
- Fully-assembled and ready-to-run
- Packaging securely holds the model for safe storage
- Minimum radius: 18" Recommended radius: 22'







#### PRIMED FOR GRIME MODELS FEATURE

- Duplicated look and feel of "In Service" equipment
- Faded base colors matched to the prototype
- Perfect starting point for adding grime and rust

#### **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, protofreelancing, 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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