



# HO F45 Locomotives

Announced 12.28.20  
**Orders Due: 01.29.21**

ETA: December 2021

## Burlington Northern



Era: 1970s+

HO F45, BN #6616  
HO F45, BN #6621  
HO F45, BN #6623

without Sound	with Sound
ATHG28513	ATHG28613
ATHG28514	ATHG28614
ATHG28515	ATHG28615

### BN FEATURES:

- Leslie horn
- Wind deflectors/mirrors
- Prime Stratolight beacon (flash effect on DCC/sound version)
- Part of a group of 12 units ordered by GN prior to BN merger, but delivered in BN Cascade green
- Winterization hatch
- Firecracker antenna

## Wisconsin Central



Era: 1995-2002

HO F45, WC #6653  
HO F45, WC #6655  
HO F45, WC #6656

without Sound	with Sound
ATHG28516	ATHG28616
ATHG28517	ATHG28617
ATHG28518	ATHG28618

### WC FEATURES:

- Purchased from Santa Fe in 1995; retired in 2001
- Operated in road service with each other and other WC power
- Details remained much the same as on Santa Fe
- WC F45s were equipped with ditch lights soon after repainting. Genesis F45 tooling does not accommodate ditch lights; however, we will include two ditch light housings and LEDs in the box for modelers to install if they wish.

### ROAD NUMBER SPECIFIC FEATURES:

- #6653 Large and small Firecracker antennas, RS3L horn
- #6655 Large and small Firecracker antennas, P-3 horn on stand
- #6656 Small firecracker antenna, and ATSF-style antenna stands, RS3L horn

**w/o Sound \$219.98<sub>SRP</sub> With Tsunami<sup>2</sup> Sound \$309.98<sub>SRP</sub>**  
These items are subject to Horizon's MAP policy



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## All Railroads

### 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
- Precision slow speed control
- Program a multiple unit (MU) lashup with lead unit only horn, bell, and lights
- Many functions can be altered via Configuration Value (CV) changes
- CV chart included in the box

### PROTOTYPE INFO:

By the early 1960's the Electro-Motive Division (EMD) was at a big disadvantage. Their 567 engine, in use for over 20 years, had reached it's peak at 2,500 horsepower in a turbocharged 16-cylinder version. EMD released a new 645 engine in 1966. The most powerful locomotive using this series of engine was the SD45, powered by a 20-cylinder turbocharged 645E engine producing 3600 horsepower. EMD then offered the V20 645E engine in the SDP45 in a standard hood configuration and longer frame to accommodate the steam generator needed for passenger service. The EMD SDP45 was a good passenger locomotive, but to the Santa Fe Railway it did not look the part. EMD therefore designed a lightweight "cowl" body to cover the locomotive, though it did not, as in earlier cab units, provide any structural strength, which remained in the frame. The cowl provided sleeker looks, better aerodynamics at speed, and allowed the crew to enter the engine compartment en route for diagnostics and maintenance. After sponsoring the development of the FP45 passenger locomotive, the Santa Fe requested a similar freight locomotive from Electro-Motive. Where the FP45 was an SDP45 wrapped in a full-width Cowl carbody, the new F45 was essentially an SD45 given the same treatment.

### LOCOMOTIVE FEATURES:

- Fully-assembled and ready-to-run
- DCC-ready features Quick Plug™ plug-and-play technology with 21-pin NEM connector
- Scaled from prototype resources including drawings, field measurements, photographs, and more
- Accurately-painted and -printed paint schemes
- Coupler cut levers
- Flexible rubber MU hoses
- Flexible rubber trainline hose
- See-through cab windows
- Full cab interior
- Walkway tread
- Fine-scale Celcon handrails for scale appearance
- Windshield wipers
- Lift rings
- Wire grab irons
- Detailed fuel tank with fuel fillers, fuel gauges, & breather pipes
- Sander lines
- McHenry scale knuckle couplers - Kadee compatible
- Genesis driveline with 5-pole skew wound motor, precision machined flywheels, and multi-link drivetrain
- All-wheel drive with precision gears for smooth & quiet operation
- All-wheel electrical pickup provides reliable current flow
- Wheels with RP25 contours operate on all popular brands of track
- LED bulbs for realistic appearance
- Heavy die-cast frame for greater traction and more pulling power
- Packaging securely holds model for safe storage
- Flush mounted port hole window glass
- Flexicoil-C sideframes with high brake cylinders
- Minimum radius: 18"
- Recommended radius: 22"



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