



dovetail  
GAMES

Train Simulator – Norfolk Southern GP38-2 High Hood

# Norfolk Southern GP38-2 High Hood

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## 1 Background

### EMD GP38-2

The EMD GP38-2 is a four-axle diesel-electric road switcher type locomotive built by General Motors, Electro-Motive Division. Part of the EMD Dash 2 line, the GP38-2 was an upgraded version of the earlier GP38. Power is provided by an EMD 645E 16-cylinder engine, which generates 2000 horsepower (1.5 MW). Most units remain in service.

The GP38-2 differs externally from the earlier GP38 only in minor details. Its most distinctive identifying feature is the cooling water level sight glass on the right side of the long hood. The battery box covers of the Dash 2s are bolted down instead of hinged. The GP38-2 is available with either a high-short-hood, common on Norfolk Southern units, or a low-short-hood, which is found on most other railroads.

A total of 2213 units were built. 1,799 examples were built for American railroads and industrial concerns, 257 for Canadian railroads and industrials, 156 for Mexican railroads and industrials, and 1 export unit for the Saudi Government Railways.

## 2 Rolling Stock

The following liveries are provided in the Norfolk Southern GP38-2 pack:

### 2.1 Norfolk Southern GP38-2 High Hood

Appearing as “EMD GP38-2 NS High Nose” in the browser list.





## 2.2 Norfolk Southern GP38-2 High Hood “Thoroughbred” livery

Appearing as “EMD GP38-2 NS High Nose – Thoroughbred” in the browser list.



## 2.3 Low Gondola

Appearing as “GP38-2 Low Gondola” in the browser list.





## 2.4 Norfolk Southern Box Car

Appearing as “GP38-2 Box Car NS Black” in the browser list.



## 2.5 Flat Car

Appearing as “GP38-2 Flat Car Steel Load” in the browser list.





## 3 Cab Controls

### 3.1 Cab Controls



1. Train Brake
2. Locomotive Brake
3. Horn
4. Sander
5. Bell
6. Dynamic Brake
7. Throttle
8. Reverser
9. Step Lights
10. Wipers
11. Headlights
12. Cab Light
13. Engine Start and Stop

## 4 Scenarios

### 4.1 Training: GP38-2 NS Simple Controls

#### Description

Learn to drive the GP38-2 using simple controls.

Starting at West Brownsville the controls will be explained before you will be instructed through some simple freight operations and signalling. All will be explained at a relaxed pace.

**Duration:** 5 minutes

### 4.2 Training: GP38-2 NS Expert Controls

#### Description

Learn to drive the GP38-2 using expert controls.

Starting at West Brownsville the controls will be explained before you will be instructed through some simple freight operations. All will be explained at a relaxed pace.

**Duration:** 5 minutes

### 4.3 [GP38-2] Sorting Scrap

#### Description

Take charge of two GP38-2 diesel engines, with tasks to transport your empty cut of steel flats down to Brown North scrap yard. Today will not be as easy as it sounds though, due to some full steel flats blocking your path.

**Duration:** 65 minutes

### 4.4 [GP38-2] Run Lilly Run

#### Description

The last task of the day is to drop three steel flats off at Fayette Marine Siding so they can be unloaded.

**Duration:** 30 minutes