



Digital**T**rain**M**odel

Baldwin DR 6-4-2000

Baldwin DR 6-4-2000 for Train Simulator 2019 Owner's Manual





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Baldwin DR 6-4-2000

A Little Bit of History

Baldwin Locomotive Works produced several different Baldwin DR-6 models of 6-axle passenger train-hauling diesel locomotives between 1945 and 1948. The series comprised eight individual versions, all of which sold only in small numbers; across all versions, only 39 locomotives were produced. Each version was produced only for a single railroad. Many shared the same Baldwin model number, DR-6-4-2000, even though they were rather different; this was because the Baldwin model only encoded the total axles (6), the driven axles (4) and the power output (2,000 hp or 1,500 kW). The single exception was the single unit produced for the Chicago and North Western Railway, which had a single 1,000 hp (750 kW) engine and was model number DR-6-2-1000. In the AAR wheel arrangement scheme of classification, these locomotives were of A1A-A1A and A1A-3 arrangements, respectively.

The first produced version comprised a pair of DR-6-4-2000 demonstrators built in 1945. This, unlike later models, used Baldwin's VO engine model. These locomotives had a unique cab that featured the same upright, aggressive prow as the 30 Baldwin C-C units built on a U.S. Army order in 1945 for shipment to the U.S.S.R. as part of Lend-Lease. They emerged as Baldwin #2000 and #2001. After demonstrating on a number of railroads, they were sold to Ferrocarriles Nacionales de México (NdeM) and assigned road #6000 and #6001.

The 606SC-engined DR-6-4-2000 locomotives were produced exclusively for the Pennsylvania Railroad and were delivered in 1948 in the sharknose body style designed by Raymond Loewy, as diesel running mates to the T1 steam locomotive; also built by Baldwin and similarly styled by Loewy. Eighteen A units and nine B units were produced, producing nine three-unit locomotive sets of 6,000 horsepower (4,500 kW). The PRR classified them as BP-20 (Baldwin Passenger, 2,000 horsepower or 1,500 kilowatts). They were originally used on top-flight express trains such as the Broadway Limited, but problems soon relegated them to lesser service. They ended their days on commuter trains along the New York and Long Branch in New Jersey. A small number were de-rated for use in freight service (re-classified as BF16z).

Source: Wikipedia.



Baldwin DR 6-4-2000

Cab Controls

Cab doors and windows can be opened with the mouse.



- 1) Horn
- 2) Throttle
- 3) Wheel Slip Warning Light
- 4) Air Gauges
- 5) Ammeter
- 6) Train Brake
- 7) Sander Light
- 8) Reverser
- 9) Bell
- 10) Independent Brake
- 11) Sander
- 12) Headlights
- 13) Class Lights
- 14) Numberboard Lights
- 15) Wipers
- 16) Cab Heater
- 17) Instrument Lights
- 18) Engine Room Lights
- 19) Emergency Brake Valve

L: Cab Light Right Side

Shift + L: CAB Light Left Side



Keyboard Controls

W/S = Reverser

A/D = Throttle

`/; = Train Brake

/ = Handbrake

[/] = Locomotive Brake

Z = Start Up / Shut Down

B = Bell

H = Headlights

U/Shift+U = Classlight Color

V = Wipers

Backspace = Emergency Brake

Space Bar = Horn

X = Sander

N = Numberboard Lights

L = Left Cablight

Shift+L = Right Cablight

How to Drive

The Baldwin DR 6-4-2000 is very easy to drive. As it is an old locomotive there are no fancy features on it.

Once in game the engine is On by default. To start moving it do the following steps:

- 1) Set the Reverser forewards or backwards.
- 2) Release Loco brake if the locomotive is light or Train brake if the locomotive is coupled to a consist.
- 3) Move up the Throttle. Depending on the consist it might need more power to move the train.
- 4) Use brakes levers to stop the train. Loco brake if you are operating a light engine or Train brake if you are operating a consist.

To operate the train with simple controls is even easier. You only have to worry about two controls. Reverser button and Throttle/brake lever.

Reverser is usually set to forewards and can be changed with a single click on it. To move the train just move up the Throttle/Brake lever from the brake area, the bottom half, to the power area, the top half. Move it down to the brake area to stop the train.

**Baldwin DR 6-4-2000**

Included Career Scenarios

01 - Broadway Limited Westbound Part 1

This is the westbound Pennsylvania's Broadway Limited on the Horse Shoe Curve section of its route from Altoona to Johnstown. This time you are driving a set of Baldwins DR 6-4-2000 or BP20 as PRR name them. The steep gradient of 1.8% will take the baldwins to its limits. Good luck!

02 - Broadway Limited Westbound Part 2

This is the westbound Pennsylvania's Broadway Limited on the Horse Shoe Curve section of its route from Altoona to Johnstown. This time you are driving a set of Baldwins DR 6-4-2000 or BP20 as PRR name them. The steep gradient of 1.8% will take the baldwins to its limits. Good luck!

03 - Broadway Limited Eastbound Part 1

This is the eastbound Pennsylvania's Broadway Limited on the Horse Shoe Curve section of its route from Johnstown to Altoona. This time you are driving a set of Baldwins DR 6-4-2000 or BP20 as PRR name them. The steep gradient of 1.8% will take the baldwin's brakes to its limits. Good luck!

04 - Broadway Limited Eastbound Part 2

This is the eastbound Pennsylvania's Broadway Limited on the Horse Shoe Curve section of its route from Johnstown to Altoona. This time you are driving a set of Baldwins DR 6-4-2000 or BP20 as PRR name them. The steep gradient of 1.8% will take the baldwin's brakes to its limits. Good luck!



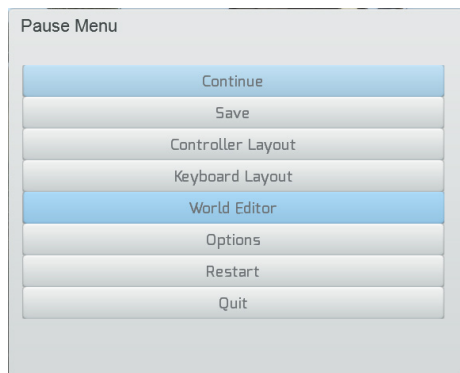
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Baldwin DR 6-4-2000





How to Use This in Your Own Scenario



- 1) Open your desired route.
- 2) Press Esc key.
- 3) Click on World editor from the pop up menu.



- 4) Go to the Tool Box panel.
- 5) Click on the Scenario icon.
- 6) Click yes from the warning pop up.



- 7) Go to the Browser panel.
- 8) Click on the Object Set Filter icon.



- 9) Go to the Browser Panel at the right of the screen.
- 10) Click the roll out menu.
- 11) From the roll out menu click on DTM.



- 12) Click the Baldwin DR 6-4-2000 PRR checkbox.



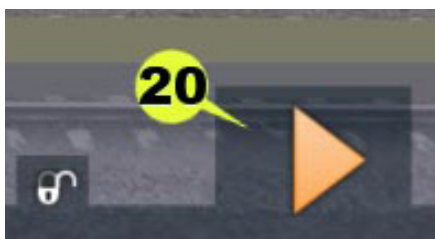
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- 13) Return to the Browser panel.
- 14) Click on Engines & Tenders icon.
- 15) Click the any of the Baldwin DR6-4-2000 A units.
- 16) Click on the track to place it.



- 17) Return to the Tool Box panel.
- 18) Click the Driver icon.
- 19) Click on the engine.



- 20) Click the Play icon.
- 21) Save the changes in your scenario.
- 22) Drive your Baldwin.



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Baldwin DR 6-4-2000

Included Rolling Stock



Baldwin DR6-4-2000 Burnswick Green single stripe, A, B and ND (No Drivers) Units



Baldwin DR6-4-2000 Burnswick Green five stripes, A, B and ND (No Drivers) Units



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Baldwin DR 6-4-2000



Baldwin DR6-4-2000 Tuscan Red single stripe, A, B and ND (No Drivers) Units



Baldwin DR6-4-2000 Tuscan Red five stripes, A, B and ND (No Drivers) Units



Baldwin DR 6-4-2000



PRR 10-6 Sleeper



PRR 12-4 Sleeper



Baldwin DR 6-4-2000



PRR 21 Roomette



PRR Baggage B70M



Baldwin DR 6-4-2000



PRR Dining



PRR Kitchen-Dormitory



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PRR Sleeping Lounge



PRR Sleeping Lounge Observation



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PRR 4-4-2 Sleeper



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