

Alco RS-11 Road Switcher

Names in RW: Alco RS11 8617, Alco RS11 Dyn



The RS-11 was built by Alco in the early 1950s as a diesel electric locomotive and classified as a road switcher. With 1,800 hp, two axle trucks with B-B wheel arrangement the RS11 was Alco's answer to the GP9 produced by EMD.

Advantages of the RS11 were faster acceleration because of turbo charging and a higher tractive effort rating. The locomotive could be found in heavy haul freight as well as passenger services.

In over eight years production time 425 units were built for the American and Mexican market. A few examples of this model are still in service and could be found working for various railroads in the US.

- **Alco RS-11**
- **Build from 1956 to 1964**
- **425 units produced**
- **B-B / two axle trucks**
- **V12 / 1000 rpm max. / 1800 hp**

Operation

Operation is a usual with all driveable vehicles in Railworks Trainsimulator 2012/13.

Loadmeter



The Loadmeter shows you the current electric loading with the chosen regulator notch.

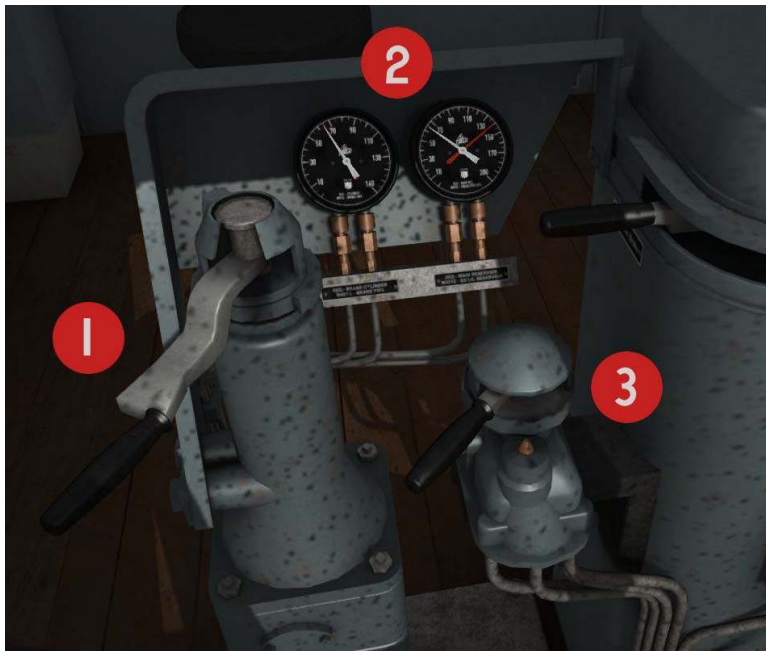
Dials



The four dials show you Booster Air Pressure, Lubricating Oil Pressure, Engine Water Temperature and Fuel Oil Pressure.

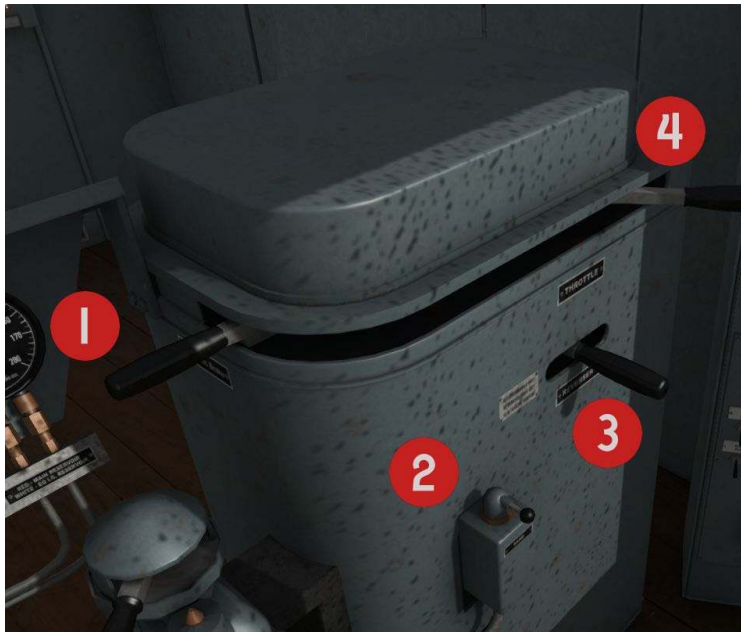
The needles show values which are calculated by LUA script. The dials have no influence on the behaviour of the machine but give a little bit more realism to the cab.

Brakes



Train brake (1), the dials (2) for the brake pressure and the loco brake (3).

Middle console



Gives you access to the Dynamic brake (1), the sander control (2), the reverser (3) and the regulator (4).

Wiper control



You can start and stop all four wipers with the normal key in RW or you can switch on or off each wiper separately when you use the mouse and click on the wiper (arrow).

Switches



There are various switches controlling different functions:

- Headlight Control
- Bell
- Cab Light
- Name Plate lights
- Wiper Control (all four wipers)
- Engine Start and Stop

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Scenarios

The package includes 4 scenarios for the Horseshoe Curve route.

Scenario #1

vR_Alco PRR: Evening Switcher, 45 min, easy

You will sort cars at Johnstown to create an outbound freight train.

Scenario #2

vR_Alco PRR: Working in Altoona Yard, 30 min, medium

You will prepare an outgoing train of empties at Altoona.

Scenario #3

vR_Alco PRR: Work on the Branch, 80 min, hard

You will serve Picardy Grafel today and perform several cars swaps around Johnstown.

Scenario #4

vR_Alco PRR: Cresson to Altoona, 45 min, hard

Take your train from Cresson to Altoona on a winter's night. It will not be easy to maintain speed, so be careful when braking or accelerating on the slippery tracks.

Repaints

With an additional download you get the option to repaint the 3D models.

The download contains a Dump image which gives you an idea where the polygons of the 3D model are placed on the texture and a Shadow map which could be placed on top of your own texture creation to add shadows.

I would be happy if you could send me an email with a screenshot of your repainted Alco RS-11: uf@virtual-railroads.de