DB Class V 188
for TS Classic

Manual

Version 1.0 Build 20221015

Contents

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Deutsche Bundesbahn (DB) V188/BR 288

In 1941 and 1942 a total of four tandem locomotives of type D 311 were put into service by the former German Wehrmacht. They were built for the transport of heavy railway artillery. The D 311.01 a/b and her sister engine D 311.02 a/b shunted on the Crimean peninsula with the "Dora", the largest gun ever built. In the last years of the war, probably two other locomotives, the D 311.03 and 04, were in service in the west. A fifth and sixth double locomotive were ordered from Krupp but could no longer be delivered due to the war circumstances. Two locomotives, V 188 001 a/b and V 188 002 a/b, remained in service with the Deutsche Bundesbahn after the war. V 188 002, later 288 002-9, was in service in South-West Germany until 1972. Both machines were scrapped in 1973.
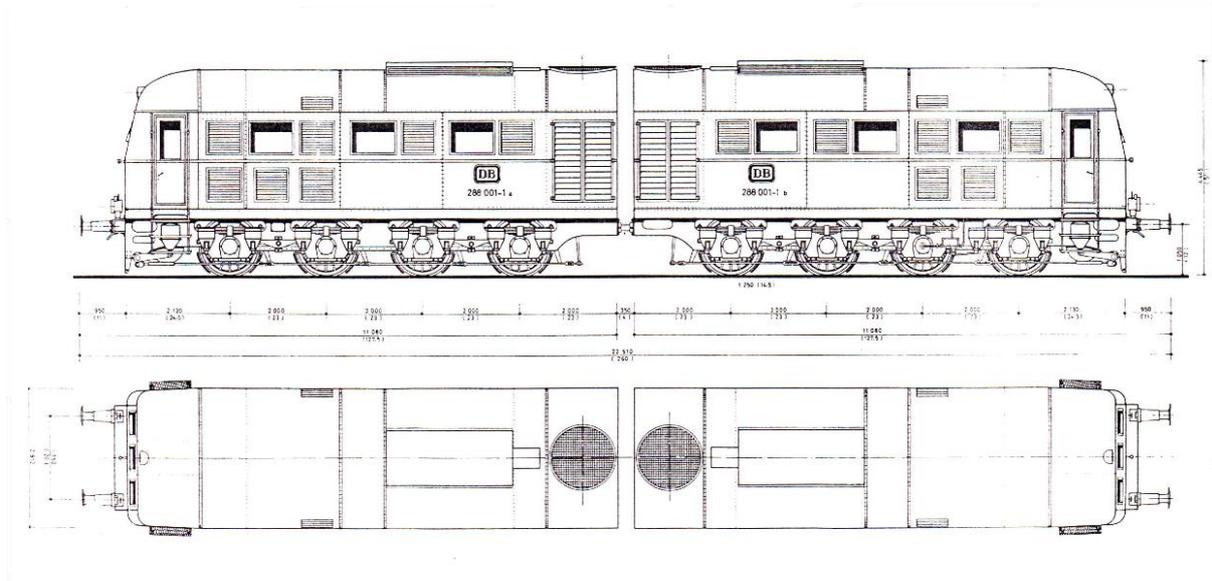
Installation tips

General

The V 188 of Wilbur Graphics may be downloaded as a .zip-file, which next to a Readme.txt contains the following items:

- Folder Manuals\Wilbur Graphics with German, Dutch and English language user manuals:

`WG_DB_V_188_Handbuch_V1_1.pdf`
`WG_DB_V_188_Manual_V1_1.pdf`
`WG_DB_V_188_Handleiding_V1_1.pdf`

- Installer program `WG_DB_V_188_V11_build_230407.exe`

When started, the install .exe will prompt you to select and/or enter:

- Install procedure language (Dutch/English/French/German)
- Accepting an End User License Agreement (EULA)

…to continue the installation.

Please refer to the *release notes.txt* for the latest changes etc.

Notes on installation

- If the installer can't find the Railworks folder please make sure that the Windows Registry correctly points to the Railworks folder. This situation normally only happens when you have manually moved your Steam environment to another PC or Harddrive. You should always install Steam to the new location to fix the registry.

TS Object Browser Index

Note: although the locomotives can theoretically be used as separate traction units, it should always be borne in mind that, as with the historic example, the V 188 was specifically developed with tandem driving at all times in view. Other configurations may produce to unpredictable results.

Scenario Editor Name	Folder	Object name
WG DB V 188 001 a	Rollmat_de	WG_DB_V_188_001a
WG DB V 188 001 b	Rollmat_de	WG_DB_V_188_001b
WG DB 288 002-9 a	Rollmat_de	WG_DB_288_002a
WG DB 288 002-9 b	Rollmat_de	WG_DB_288_002b

Preload Consists

WG DB V 188 001 a/b (light engine)

WG DB 288 002 a/b (light engine)

WG DB V 188 001 w/coal train

WG DR V 188 001 w/mixed goods

WG DB V 188 001 w/tankers

WG DB 288 002 w/ore train

WG DB 288 002 w/mixed goods

WG DB 288 002 w/tankers

Cab lay-out
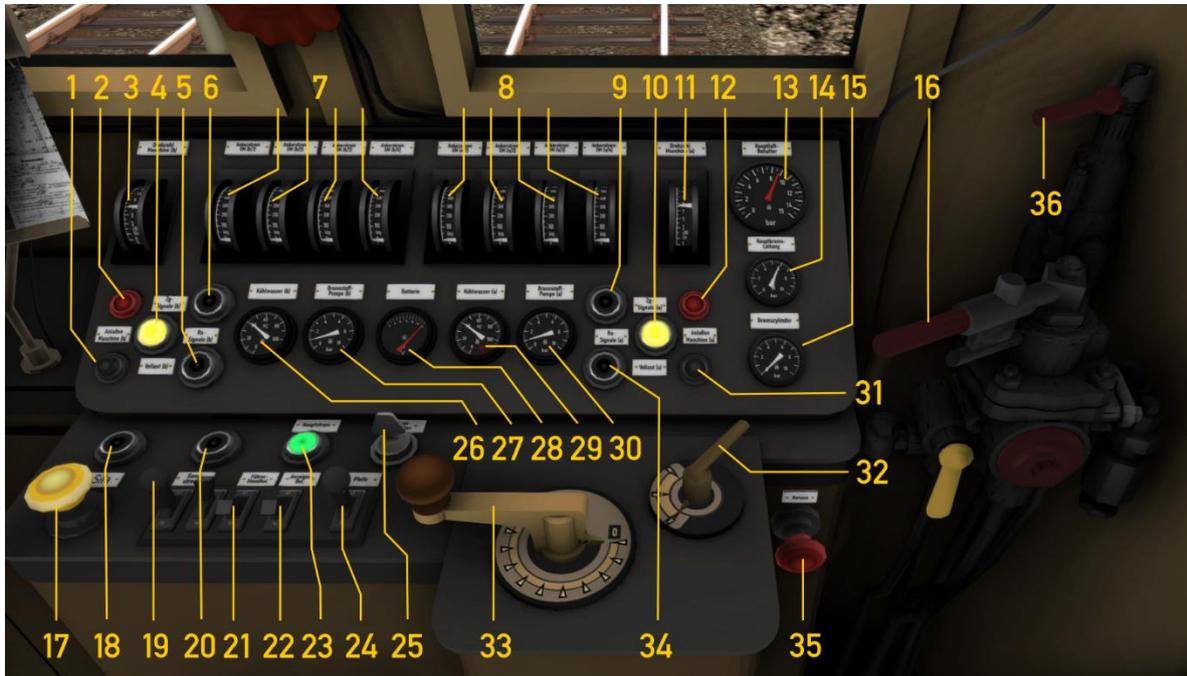
1	Engine unit (b) switch off			19	Sander	X
2	Engine unit (b) start			20	AWS alert indicator	
3	RPM Engine (b)			21	Cab lights on/off	CTRL + F12
4	Indicator shunting signals (b)			22	Panel lights on/off	CTRL + F11
5	Indicator overload (b)			23	Indicator control current	
6	Indicator head/taillights (b)			24	Whistle	SPACE
7	Traction current (b)			25	Master key	CTRL + 0
8	Traction current (a)			26	Cooling fluid temp. (b)	
9	Indicator head/taillights (a)			27	Fuel pump pressure (b)	
10	Indicator shunting signals (a)			28	Stuurstroomspanning	
11	RPM Engine (a)			29	Cooling fluid temp. (a)	
12	Engine unit (a) start			30	Fuel pump pressure (a)	
13	Main reservoir pressure			31	Engine unit (a) switch off	
14	Brake pipe pressure			32	Reverser	W / S
15	Brake cylinder pressure			33	Regulator	A / D
16	Train brake control	; / '		34	Indicator overload (a)	
17	AWS reset	NUM ENTER		35	Emergency break	
18	Indicator AWS activated			36	Engine brake control	[/]

Control current must be switched on and engines started before the locomotive can be driven (CTRL + 0, Z, CTRL + Z). Enable/disable Sifa (AWS) monitoring with CTRL + NUM ENTER.
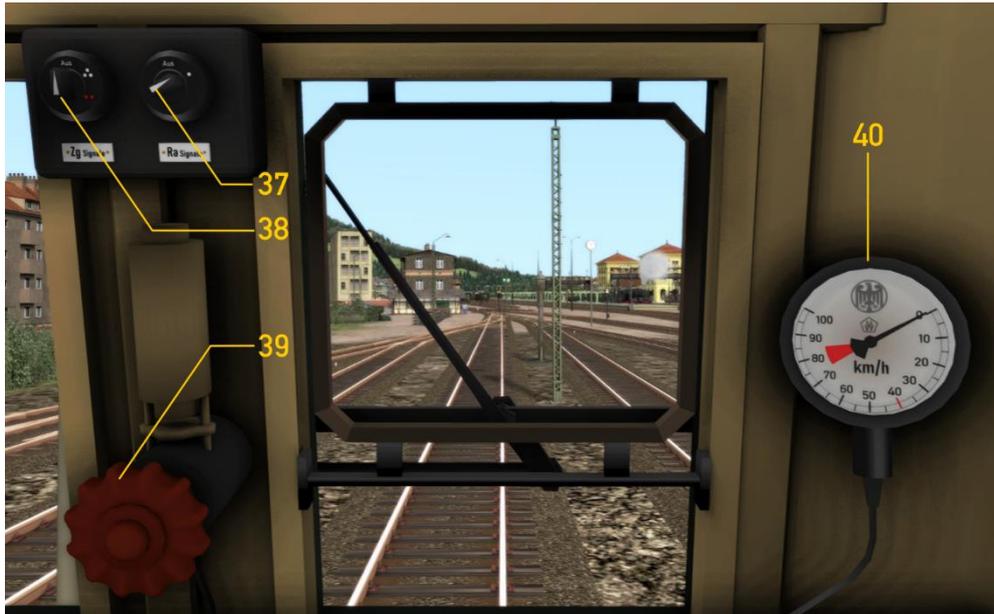
37	Head/taillights on/off	H / SHIFT+ H	39	Wipers on/off	V	
38	Shunting signals on/off	CTRL + F9	40	Speedometer		

Sifa (Sicherheitsfahrschaltung)

Sifa or in English parlance AWS aims to apply an emergency braking as a goal to bring the rail vehicle to a standstill if the driver's vigilance can no longer be determined. To this end, an automatic function has been built in that is active for a period of 30 seconds while driving. When these have expired, an acoustic warning follows with a flashing warning light (20). Now the operator has five seconds to reset the AWS, using the button (17). If this is not done, an emergency brake will follow after three seconds. During each 30-second phase, the operator can also reset the ASW by pressing button (17). This will restart the timer.

Unlike reality, the Sifa in TS Classic is optional, i.e. a player can choose to drive scenarios with or without Sifa. In the simulation, the key combinations CTRL + NUM ENTER (enabling the Sifa) and NUM ENTER (reset) are available to the player. When the Sifa is switched on, the control lamp (18) lights up.

QuickDrive

When a QD session is started with goods wagons that can be loaded (containerwagons, open box cars, etc.), these will initially be empty. To make the cargo involved visible, we choose the World `Editor` option in the Escape menu . In the header of the screen that is then shown, click on the gray line with a left mouse button click, which will cause a panel to appear:

Now you click with the left mouse button on the Scenario Tools icon, which will start the SE. You can handle the sim's alerts by clicking the `Yes` button . Then you can activate the individual car cargos by pointing to a car with the cursor and double-clicking with the left mouse button. A window appears at the top right of the screen in which you can tick a square, making the cargo visible. To load the entire train, go through these actions with SHIFT pressed.
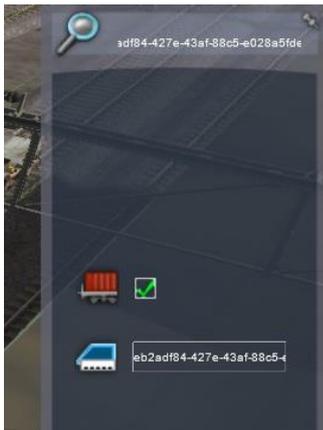
Colophon and credits

Design and production:
© Wilbur Graphics, Henk van Willigenburg (www.wilburgraphics.com)

V 188 Sounds:
© Gainmaster
(https://www.youtube.com/c/Gainmaster/live?fbclid=IwAR14fqj-fpucKrHYod5JK8Zo9HnOdZN6EbNRR6mhqaTzhhWac_l2xKe3Tto/)

Tips and advice:
ChrisTrains.com
TrainworX (Paul Mersel)
Ton van Schaik

Scenarios:
Reinhart190953
Wilbur Graphics (Henk van Willigenburg, Ton van Schaik)

Testers
Ton van Schaik, Reinhart190953

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