

Metrostroi “D” & “E”-family types guide.

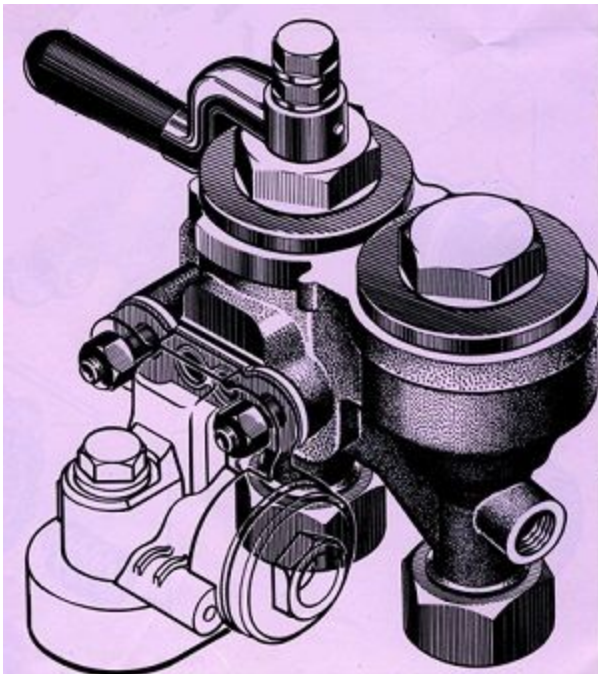
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Basic controls:

V	[Outside train] Noclip (flying through walls) [Inside train] Toggle doors lock (close the doors)
E	Use or sit
A	Open left doors
D	Open right doors
W	Controller notch up (does not disengage braking circuits)
Shift+W	Controller notch up (pull fixation - allows to disengage from braking circuits)
S	Controller notch down
1	Controller to X1 (manuvering)
2	Controller to X2
3	Controller to X3
4	Controller to 0
5	Controller to T1 (engage brake)
6	Controller to T1A (manual brake)
7	Controller to T2 (automatic brake)
9	Reverser notch down
0	Reverser notch up
Shift+0	Put reverser wrench into reverser (normal control)
Shift+8	Put reverser wrench into emergency control
Shift+7	Remove reverser wrench from the train
R	Driver's valve notch down (release)
F	Driver's valve notch up (fill)
G	Reset overload relay

L	Horn
-	Program 2 (announce utility message)
=	Program 1 (announce station arrival/departure)
Space	Attention pedal (cancel ARS emergency brake)
Space+Shift	Attention button (cancel ARS emergency brake)
Shift+L	Open/close driver's valve disconnect valve

Driver's valve positions (334)



1	Charge (fast release)	Brake line is filled from train line (select and hold R)
2	Driving (brake release)	Brake line and reservoir filled from train line
3	Closed	All valves are closed, drivers valve is disabled (no flow)
4	Service application	Brake line is released to atmosphere, brake cylinders fed from train line
5	Emergency application	Fast application of brakes

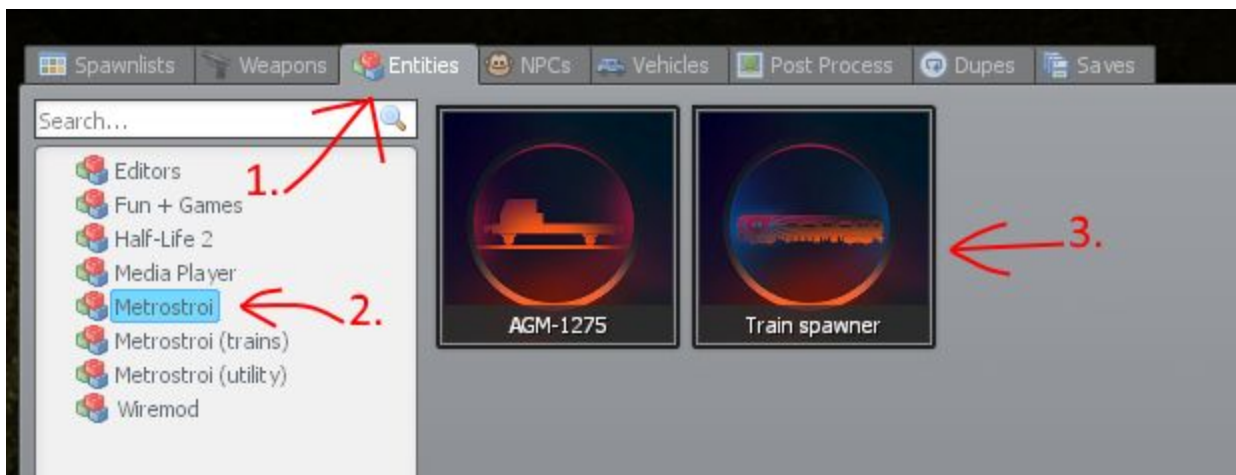
Reverser positions:

Forward	Driver's cabin has control, train will move forwards
0	Cabin not active and not in control
Backward	Driver's cabin has control, train will move backwards

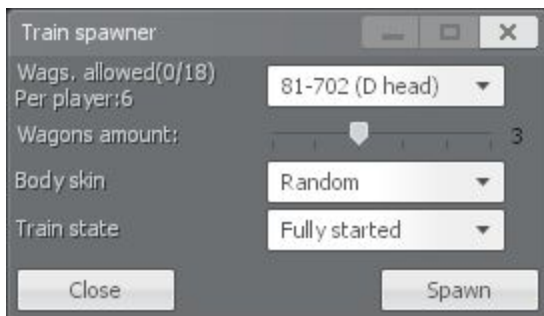
“D” (81-702)

Spawning a train:

Press “Q”, in the appeared window open “Utilities” tab and select “Metrostroi” on the left side of the window.



Press to “Train Spawner”, the Train Spawner menu will appear.



Select 81-702 (D head).

Select your desired amount of wagons (recommended at least 2 wagons) and other customization settings.

Press “Spawn” button, the Toolgun will appear in your hands.

In the left upper corner you can see a server total wagon limit and how many wagons are allowed to spawn to you.

Aim to the rails where you want to spawn a first car of your train.

You can press right mouse button if you want to spawn from last car.

Press left mouse button and your train will spawn at this place.



If the train has spawned in the wrong place or stuck - simply press **Z (Undo button)** to remove it.

Starting a train:

From “Fully Started”:

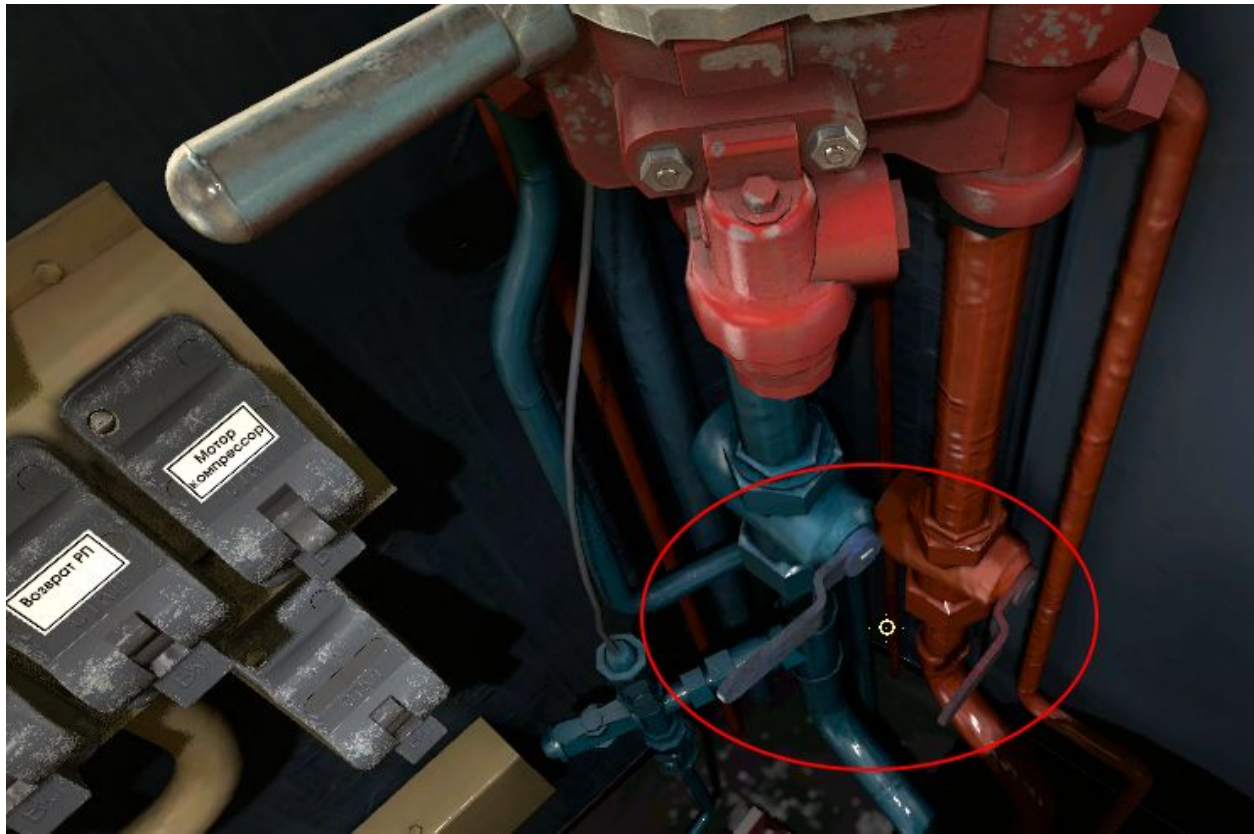
Take the Reverser Wrench in the “Q” - “Weapons” - “Metrostroi” so you can press the buttons outside of seat.

Go to the first cab and press **[E]** to sit on the seat.

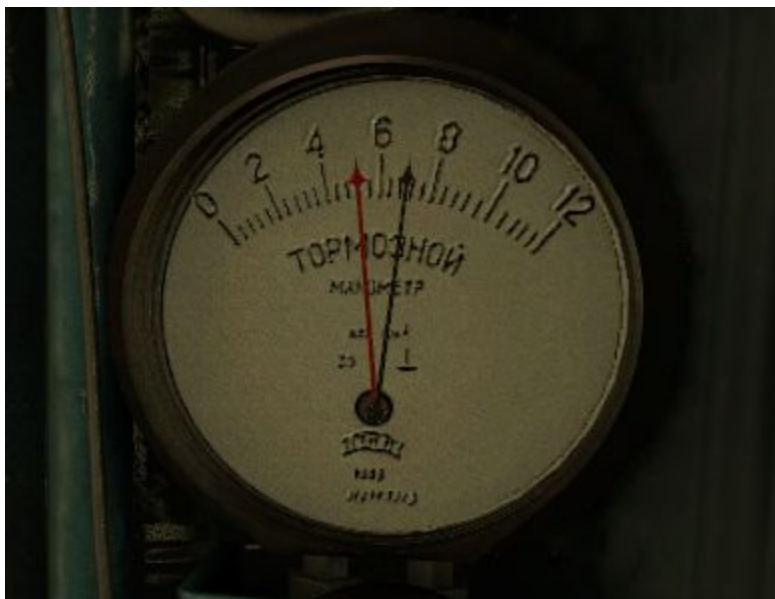
Press **[Shift+0]** to put the Reverser wrench into the Reverser Shaft.

Press **[0]** to switch a train reverse to **forward** or **[9]** to switch it to **backward**.

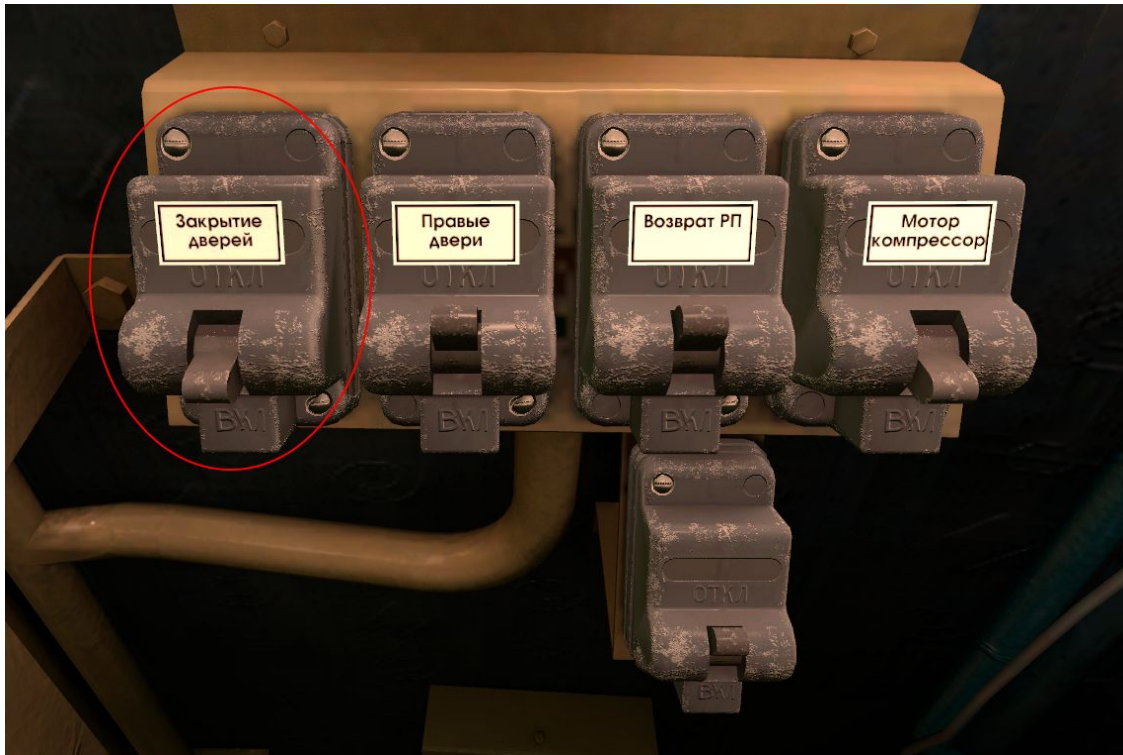
Open **Train Line** and **Brake Line** disconnect valves. Vertical position is opened, horizontal is closed. (Hotkey - **[Shift]+[L]**)



Make sure you have enough air in the Train Line (black arrow) - 6-8 atm.



Close the doors, the doors toggle switch must be down. (Hotkey - **[V]**)



Use **[W]** and **[S]** or **[1] [2] [3] [4] [5] [6] [7]** to control the Power Controller, the train should move.

If you want to open the doors - unlock the doors control toggle (up) **[V]** and press left/right side doors switch. **[A]** - for left, **[D]** - for right.

Resetting the autostop braking, after you passed a prohibited signal with autostop:

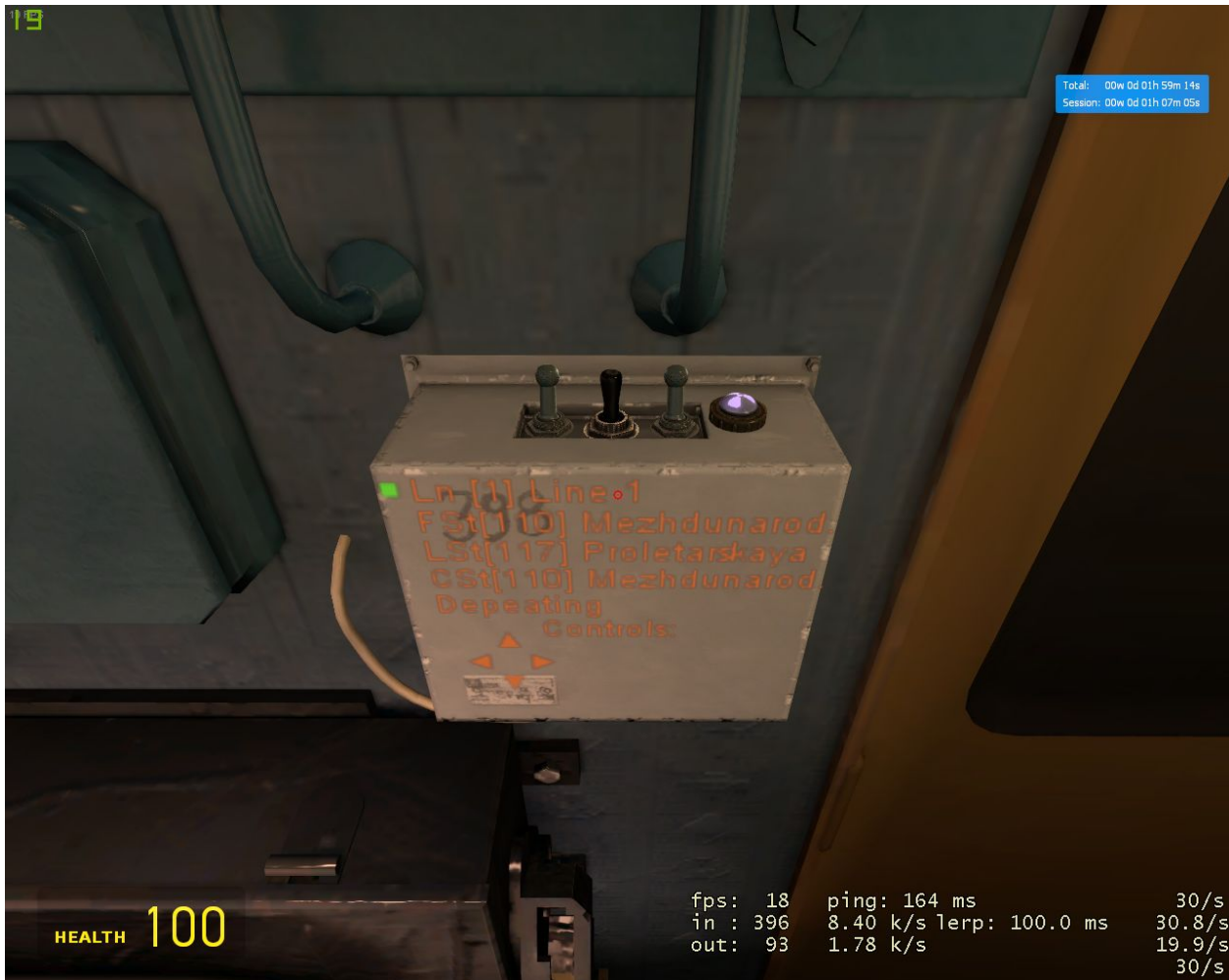
Apply an emergency brake with driver's valve using **[F]** or **[Num 5]** to set the driver's valve to 5th position. After a brake line pressure was released - press "UAVA: Reset contacts" to reset the autostop contacts. Return the driver's valve to a driving position (2) using **[R]** or **[Num 2]**.

Driver's valve driving position is 2, don't keep it in 1st position for a long time.

Don't confuse "UAVA: reset contacts" button with "UAVA: Enable automatic autostop disabler" lever. You are NOT allowed to disable the autostop without dispatcher permission!

Setting up the “RRI” - tape announcer-system:

Use **[Shift+ArrowKeys]** while in the driver's seat to switch camera to RRI.



Using **[Alt+ArrowKeys]** set your desired settings:

Ln: Line number (if map contain multiple).

FSt: First station ID.

LSt: Last station ID.

CSt: Current station ID (can be used to switch announcement).

Depeating/Arriving: Type of the next announcement.

Press **[=]** to make announcement.