

Polishing your tyres during the race.

Meanwhile, there are many ways to give your tyres of your race cars more grip, like polishing, tape, sandpaper, but you always have to do this before driving because you have to take the car off the track. Not very elegant.

With the description below, you can make your own 'polishing station' without having to take the car off the track!

Pit Box:

The Pit box is one of the nicest extension (since digital driving), however it was only used for simulation, I.e. simulation of Fuelling, tyre change, engine damage etc. Now, the Pit box is really used to get better lap times, because during the race (i.e. without taking the car off the track) you still get more grip! You will see that polishing again gives more grip for a certain number of laps, then this process repeats itself again, just like in reality.

How it works:

You drive into the Pit box and stop at the polishing spot. After the car cannot continue due to a mechanical lock, you 'accelerate' and the wheels of the car turn without the car moving from its place. At this point, the rear tyres are polished (see movie). You can decide the time of polishing. After the lock is removed you can drive the car out of the Pit street again, during polishing you will see a 'running light' indicating that your car cannot drive any further.

In principle, this system is suitable for any Slot System, 1:32 and 1:24 brand does not matter, digital or analogue, as long as you have a possibility to stop.



Here is a picture of a Carrera track share with polishing surface for 2 tracks.

Depending on the size, it is suitable for 1:32 and/or 1:24 cars

Mechanical locking:

The lock is active in normal situation, i.e. driving through is not possible (running light is on, as an indication).

Unlocking: By means of a push button (break contact), the locking is deactivated, allowing the car to continue driving.

Manual control:

If you control the button yourself, you can also decide the length of time you want to polish the wheels, however, you will lose more time compared to your fellow drivers.

Automatic steering:

Using sensors, you can automate this process and make the 'polishing time' the same for everyone, e.g. 10 seconds.

The sensor in front of the polishing station activates the time, after the set time the lock is lifted for a certain time and then the lock is activated again.

This procedure ensures that both the solenoids and the control board do not become warm to hot for an unnecessarily long time.

Versions:

There are 2 versions available

- 1) For a single lock
- 2) For a double lock

Both work independently of each other.

The set consists of the following components:

- control board (for 1 or 2 solenoid)
- solenoid for each lock
- running light indicator for each lock
- Polishing sponge
- Detailed description

What do you need yourself:

- A power supply 5 Volt/ 1 Amp. per lock
- Cutter
- Glue gun

If you don't want to make it yourself, order it complete and tested.