

How to use Solebe Y905 Bluetooth® lock with TST100

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How to use Solebe Y905 Bluetooth lock with TST100

- **Enable** Bluetooth in your device's configuration and **save** your configuration to device:



- Find out your Bluetooth lock MAC address:



- When you have discovered your lock's MAC address, navigate to *Bluetooth 4.0* panel and click *Discover BLE* button. The lock's MAC address should appear in the *Discovered BLE Devices* list. **Keep in mind that the first 4 digits of the MAC address are not shown.** If the lock's MAC address does not appear in the list, reboot the device and scan again:

Status

Security

System

GPRS

Data Acquisition

SMS \ Call Settings

GSM Operators

Features

Auto Geofence

Manual Geofence

Trip \ Odometer

Bluetooth

Bluetooth 4.0

Beacon List

I/O

E-Scooter I/O

Bluetooth BLE Control

Discover BLE

Discovered BLE Devices

Address	F830022F275E
Signal Strength	-65
Name	Buckle lock

- If the lock was discovered, navigate to *Status* -> *Lock* panel and **enable** lock functionality:

Status

Security

System

GPRS

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Bluetooth

Bluetooth 4.0

Beacon List

I/O

E-Scooter I/O

Device Info

Device Name	Last Start Time	Power Voltage
TST100	6/3/2020 1:18:25 PM	36904 mV.
Firmware Version	RTC Time	Device IMEI
55.00.08 Rev:12	6/3/2020 1:28:18 PM	

GNSS InfoGSM InfoI/O InfoMaintenanceLock

Status: Unlocked

Battery: 0%

Connect

Configuration

Select Lock type

Enter MAC address

- After enabling the lock's functionality, **select** *Solebe electronics*, **enter** lock's *MAC address without the first 4 digits* and **click** *Connect*. If connection was successful, the following message will appear:



- Upon successful connection, you will be able to *see and update* the status of your Bluetooth lock - *Unlock or Change lock's password*. **There are two ways to unlock the lock:**

1. By clicking **Unlock** button
2. By sending SMS/GPRS command: **btlock_unlock**

https://wiki.teltonika-gps.com/view/File:VID_20200603_134232.mp4

- **Two ways of changing lock's password:**

1. By clicking **Change password** button
2. By sending SMS/GPRS command: **btlock_changepw:<Current password> <New password>**

- **Two ways of checking lock's status and battery level:**

1. By clicking **Update Status** button
2. By navigating to I/O panel and finding **BLE Lock status** (Parameter's ID 52640) and **BLE Lock Battery** (Parameter's ID 52650):

I/O

E-Scooter I/O

BLE Lock status	0		None	Low	High	Panic
BLE Lock Battery	95	%	None	Low	High	Panic

Updating the status of the lock by clicking *Update Status* button takes a few seconds. If the button is not clicked - the status will be periodically updated every 5 minutes.

How to configure Solebe Y905 Bluetooth lock via SMS commands

In order to configure and control BT lock remotely these steps should be followed :

1. Enable the BT by sending the SMS command: <space><space>setparam<space>800:2
0-Disable; 1-Enable(hidden) 2- Enable(visable)
2. Enable the Lock by sending the SMS command: <space><space>setparam<space>305:1
0-Disabled; 1-Enabled
3. Enable the LockType by sending the SMS command:

<space><space>setparam<space>303:1

0-None; 1-Solebe electronics

4. Enable the Lock MAC address by sending the SMS command:

<space><space>setparam<space>304:<your BT lock's MAC address>

12numbers, ex:F830022F272E

Also all the commands can be send as one SMS:

<space><space>setparam<space>800:2;305:1;303:1;304:F830022F272E

Now the lock is configured, and the command *btlock_unlock* can be send.

NOTE: If in SMS/Call settings Section, SMS Commands block, the Login and Password are set, instead of spaces these should be used. Example, "name pass setparam 800:2".