

Title: TRAVERSE and ASCENT underperforming

Affected Bikes: - all Traverse with M400 motor and Rhino battery
- all Ascent with M400 motor and Rhino battery

Reason: Bikes underperforming due to wrong Controller Firmware and/or Assist Level Settings

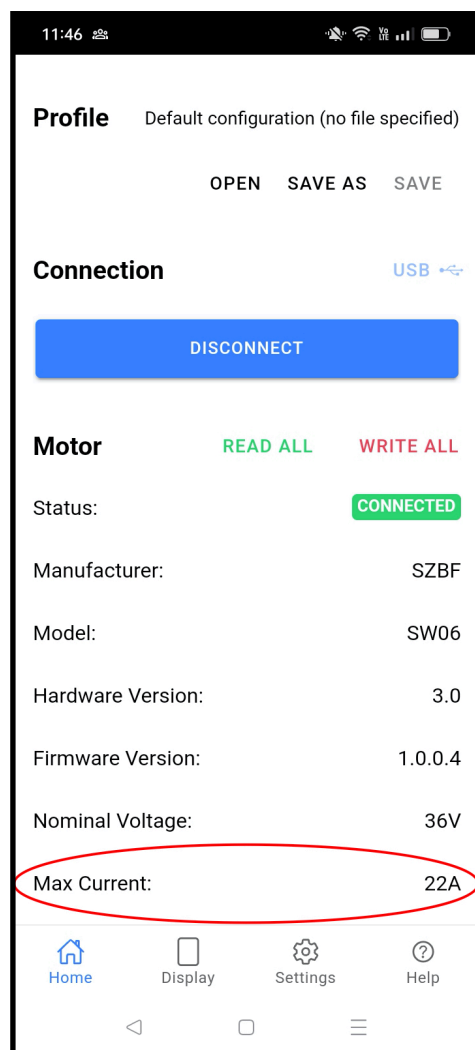
Parts info: -

Corrective Action: CONTROLLER FIRMWARE

Check version of controller firmware with SPEED App.

In Menu “Home” the Max Current should show 22A (see picture below).

If the Max Current shows 20A, the firmware needs to be updated (contact your Service Manager).



(see Manual “Speed App for Bafang E-bike Systems” how to use the App in detail)

Corrective Action: SETTINGS for ASSIST LEVELS

Change the Assist Levels with the SPEED App to the settings below (Menu “Settings”->“Levels”).
Change the Keep Current with the Speed App to 73% (Menu “Settings” -> “Pedal”)

Level	Current	Speed
0	0 %	0 %
1	20 %	100 %
2	25 %	100 %
3	30 %	100 %
4	35 %	100 %
5	50 %	100 %
6	60 %	100 %
7	75 %	100 %
8	85 %	100 %
9	100 %	100 %

GENERAL LEVELS PEDAL THROTTLE

READ Pedal WRITE

Pedal Sensor Type BB-Sensor-32

Designated Assist Le... By Display's Command

Speed Limit By Display's Command

Start Current 30%

Slow Start Mode 5

Start Degree 4

Work Mode 10

Stop Delay 200ms

Current Decay 4

Stop Decay 0ms

Keep Current 73%