

SHIMANO

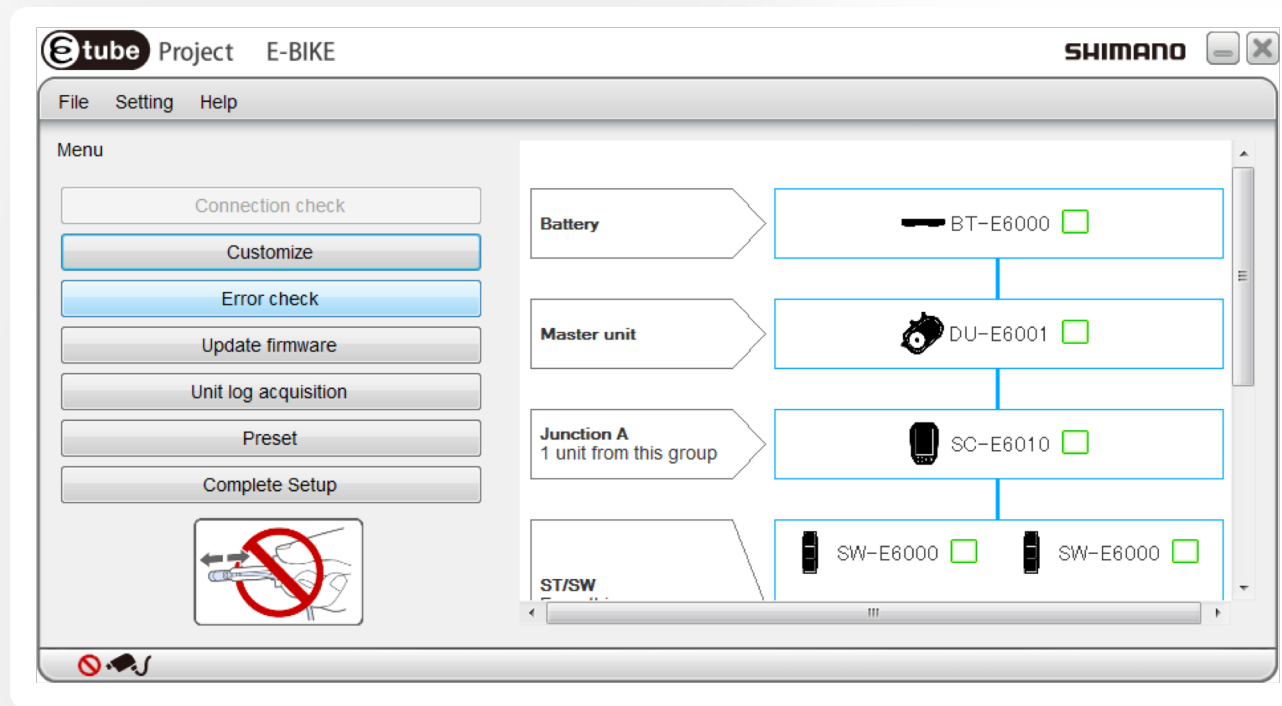
SHIMANO STEPS

E-Tube error checking



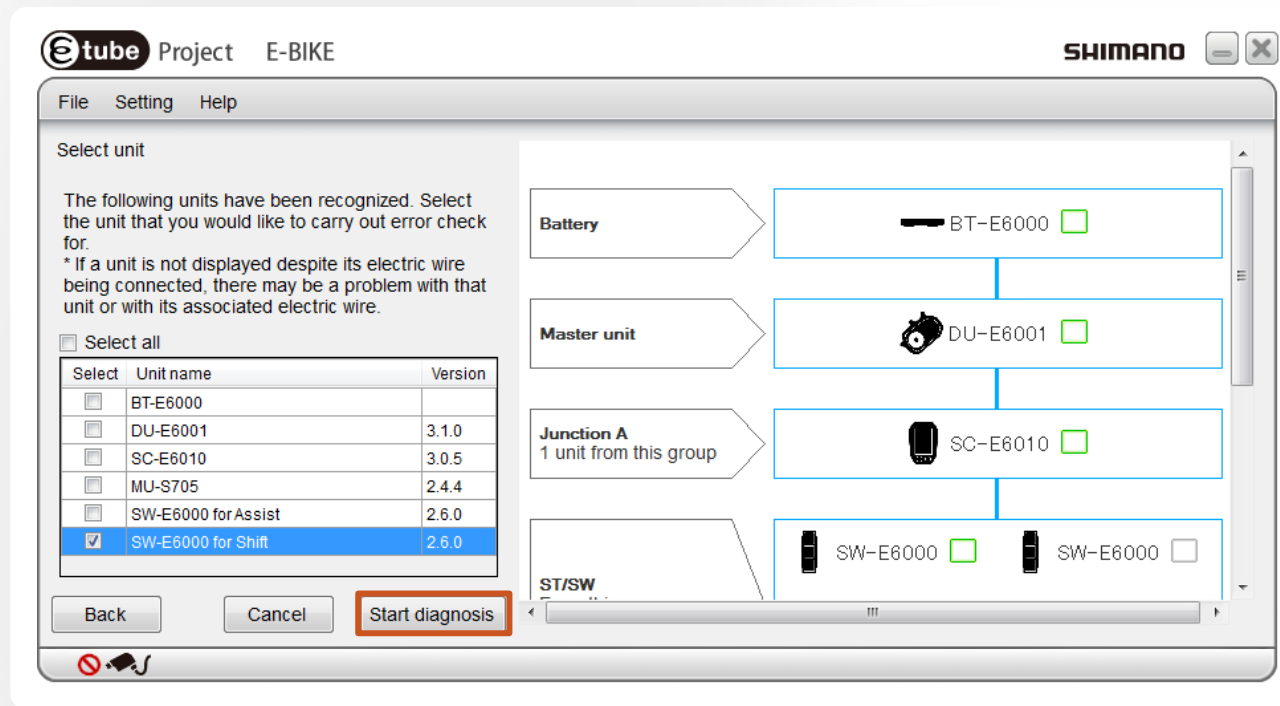
E-TUBE PROJECT (ERROR CHECK)

- ▶ Detailed “Error check” can be done by E-TUBE project
- ▶ In order to finish the “Error check” follow the instruction given by E-TUBE project carefully



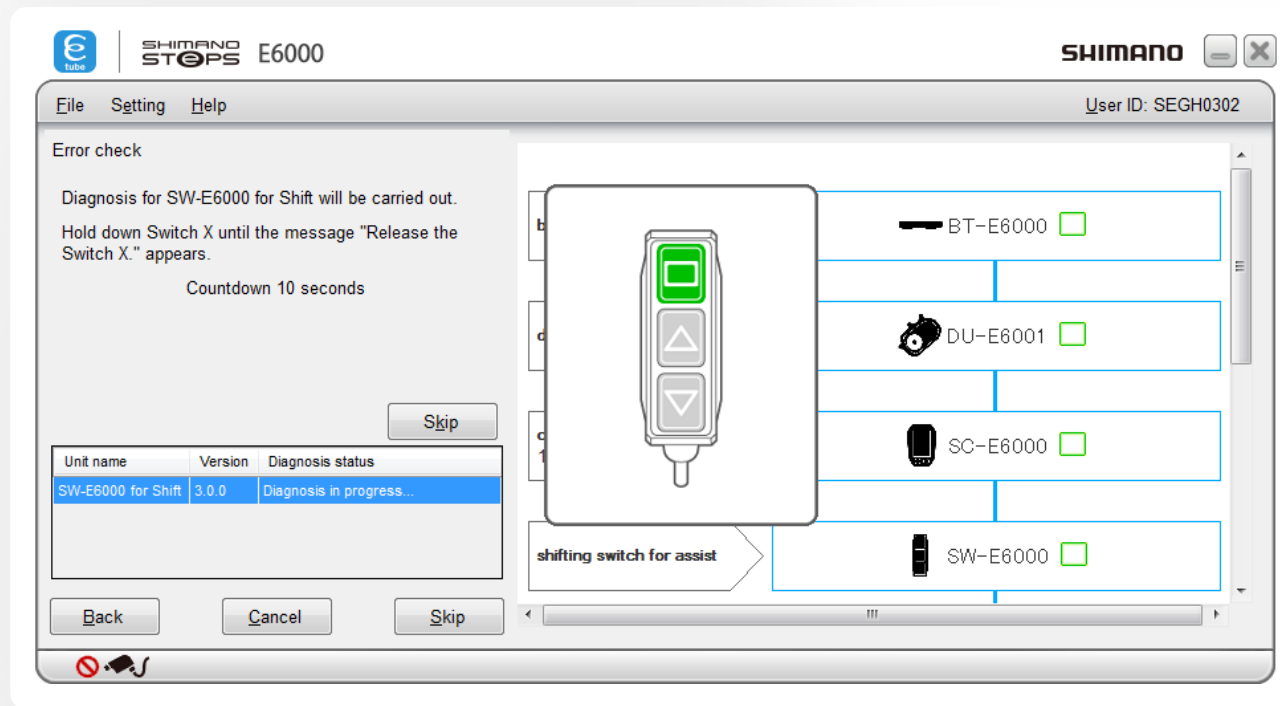
ERROR CHECK (EXAMPLE / SW-E6000 FOR ASSIST)

- ▶ Select the component that needs to be checked and click the button "Start diagnosis"



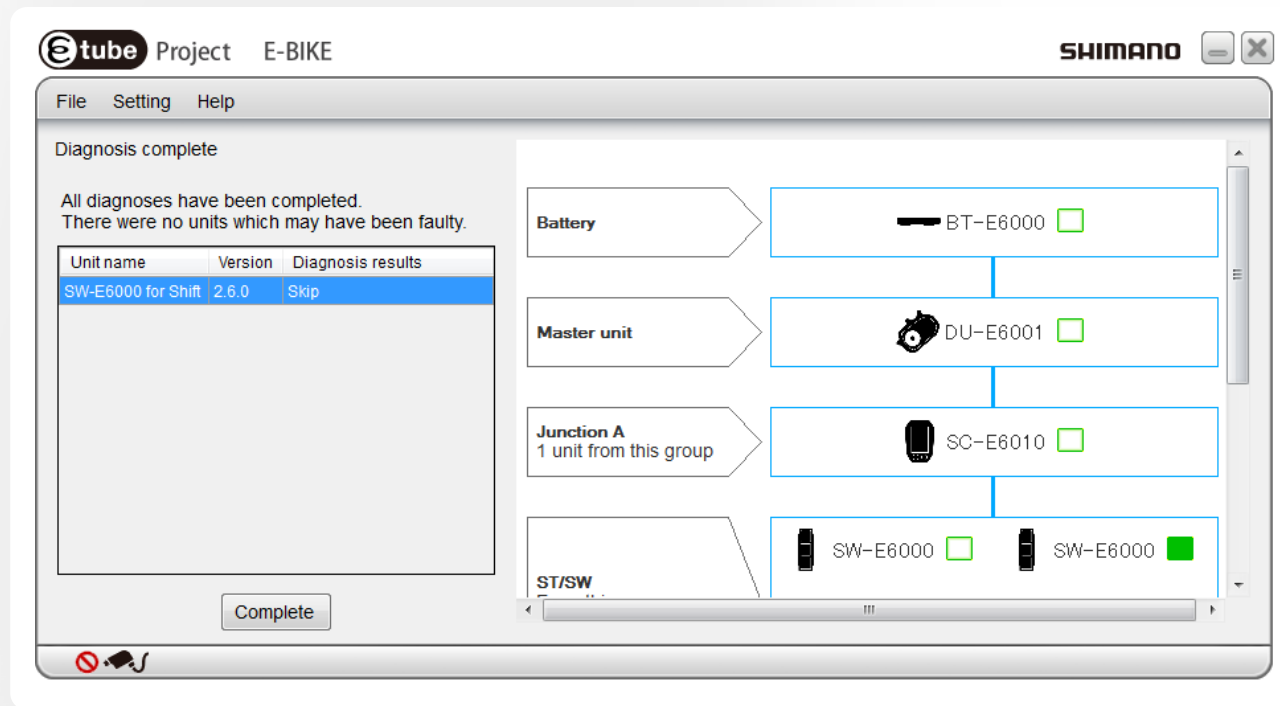
ERROR CHECK (EXAMPLE / SW-E6000 FOR ASSIST)

- ▶ Follow instructions on the screen



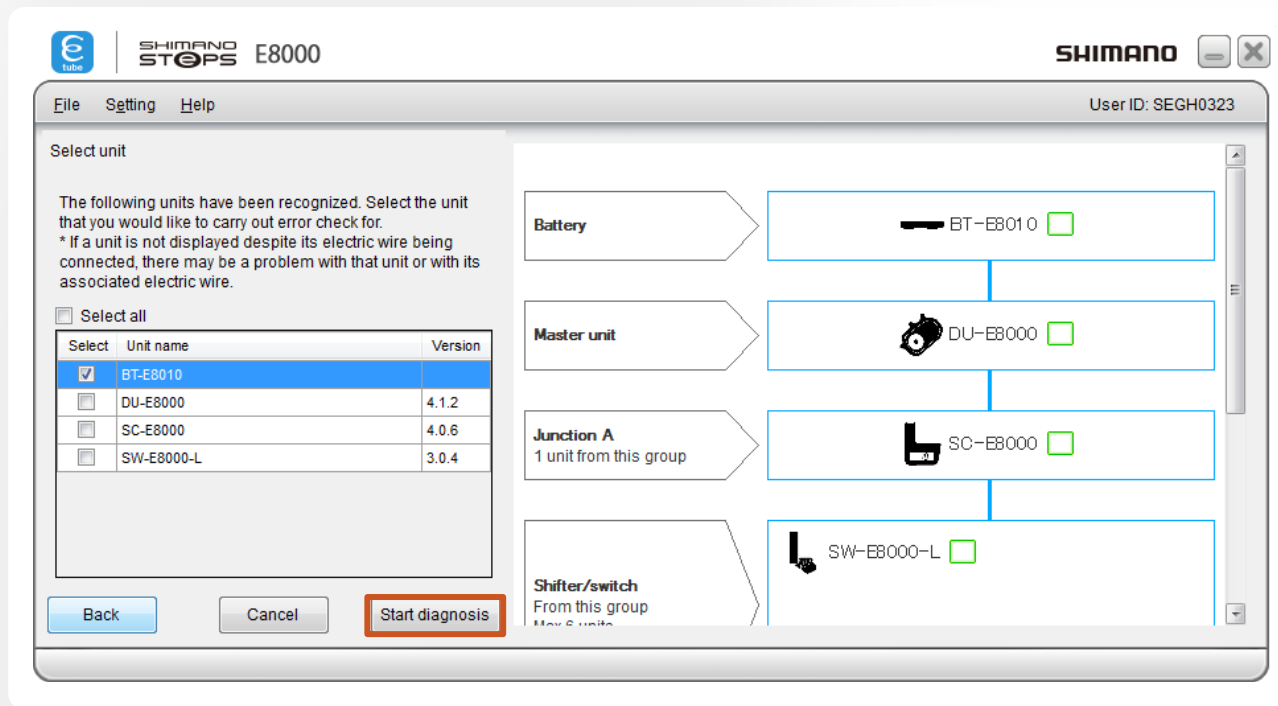
ERROR CHECK (EXAMPLE / SW-E6000 FOR ASSIST)

- ▶ When diagnosis is complete, final results will be shown
- ▶ If results are not normal, follow instructions given by E-TUBE project



ERROR CHECK (EXAMPLE / BT-E8010 FOR BATTERY)

- ▶ Select the component that needs to be checked and click the button "Start diagnosis"



ERROR CHECK (EXAMPLE / BT-E8010 FOR BATTERY)

- ▶ Follow instructions on the screen

SHIMANO E8000

User ID: SEGHO323

File Setting Help

Error check

Visually check the BT-E8010 indication. Is the LED on?

No Yes

Unit name	Version	Diagnosis status
BT-E8010		Diagnosis in progress...

Back Cancel Skip

Battery BT-E8010 ☐

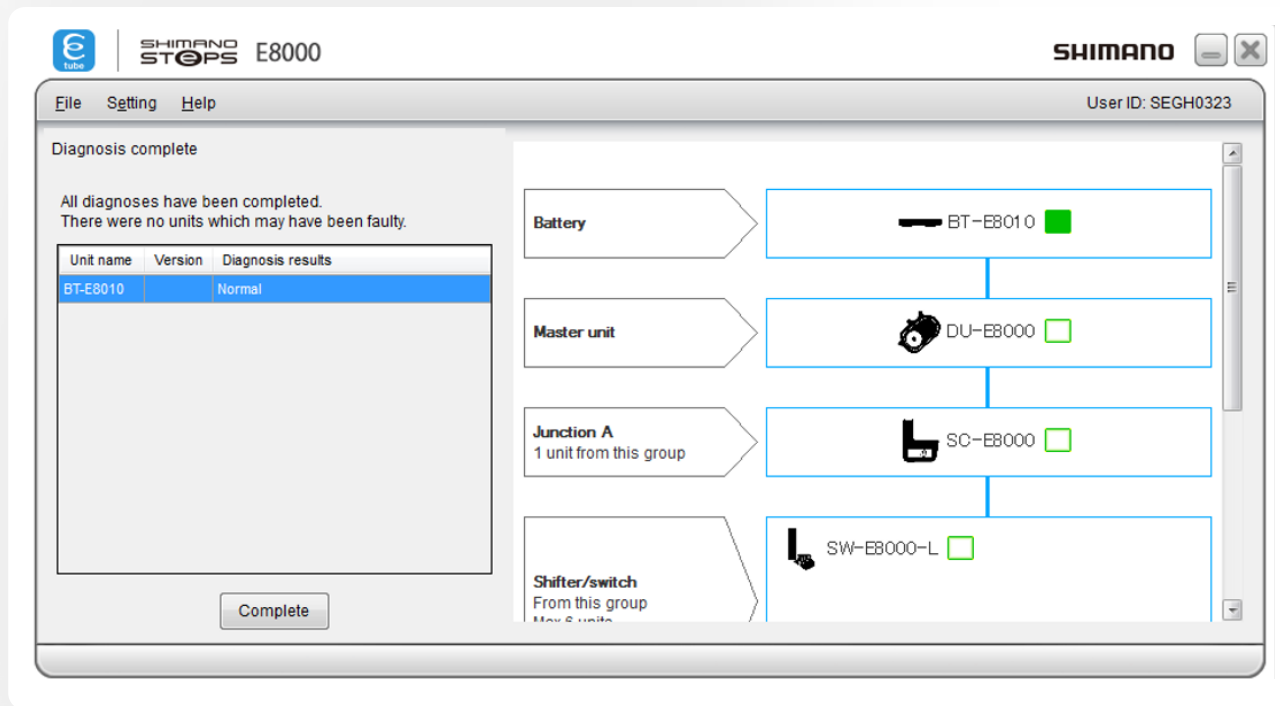
Master unit DU-E8000 ☐

Junction A
1 unit from this group SC-E8000 ☐

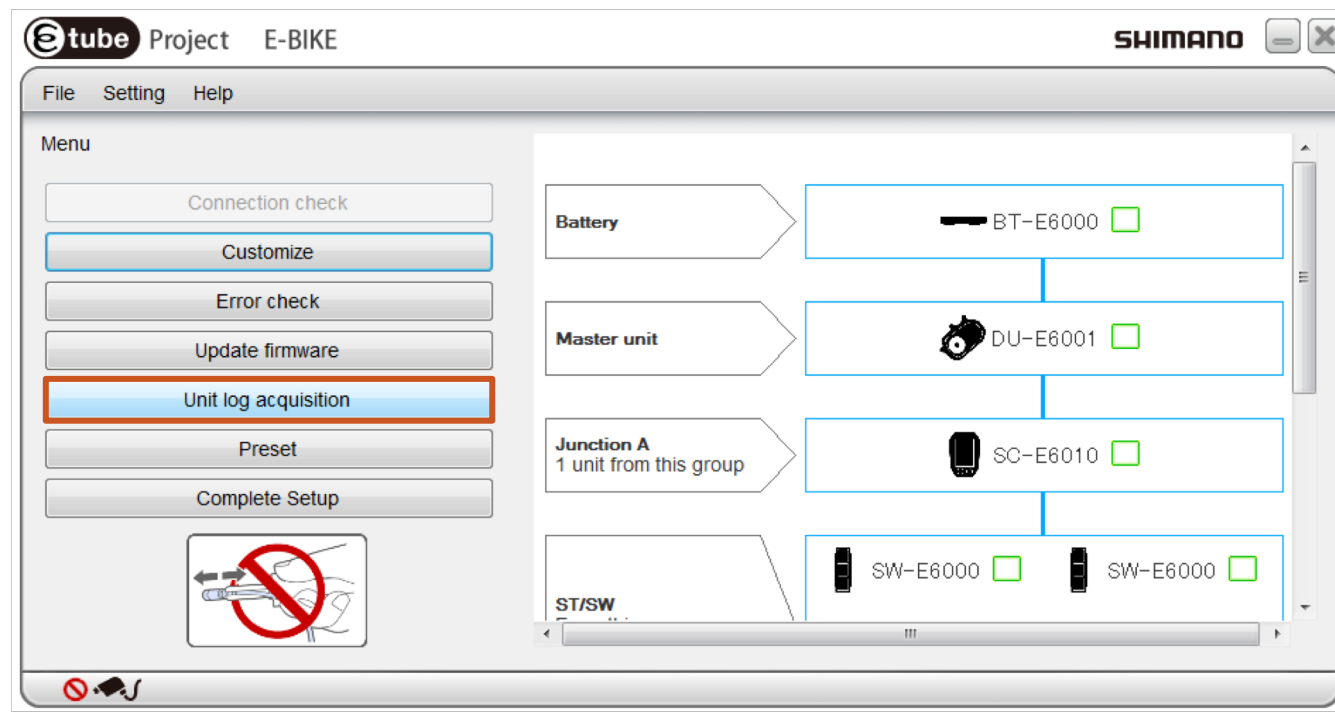
Shifter/switch
From this group
Max 2 units SW-E8000-L ☐

ERROR CHECK (EXAMPLE / BT-E8010 FOR BATTERY)

- ▶ When diagnosis is complete, final results will be shown
- ▶ If results are not normal, follow instructions given by E-TUBE project

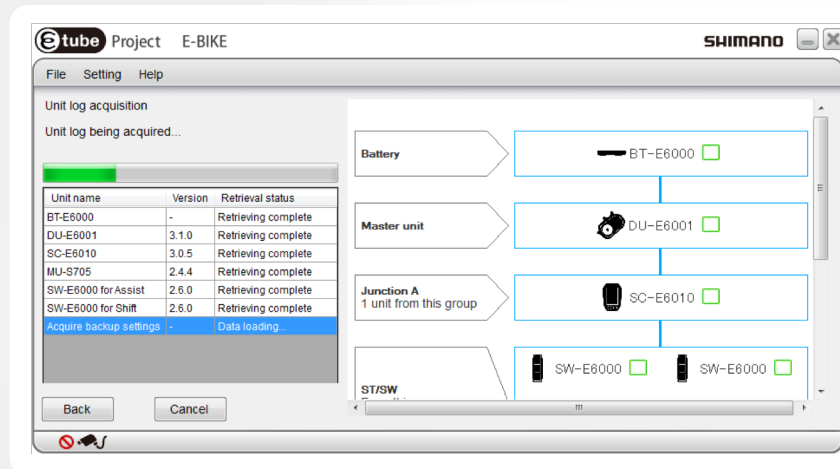
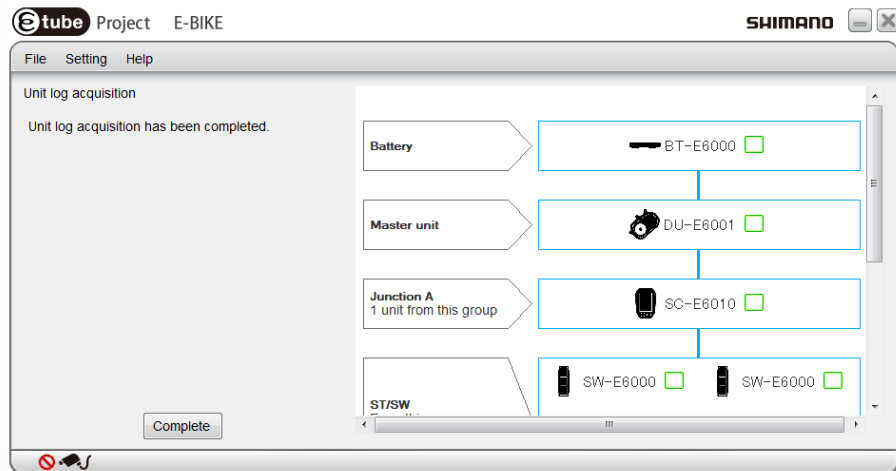


E-TUBE PROJECT (UNIT LOG ACQUISITION)



E-TUBE PROJECT (UNIT LOG ACQUISITION)

1. Status of components is retrieved



2. The E-bike Diagnosis Report will be downloaded in pdf file automatically

UNIT LOG ACQUISITION (HEADER OF DIAGNOSIS REPORT)

All pages of the E-bike Diagnosis Report will show the same header mentioning:

- ▶ Date
- ▶ Time
- ▶ Version of E-TUBE project

Example

E-Bike Diagnosis Report

24-07-14 11:37:49 (UTC+01:00)

E-tube Project Version 2.5.2

Battery

Component information

Unit information	
Unit name	BT-E6000/SM-BME60
Firmware version	-
Log information	
Cycle count	0Times
state of charge	49%
Battery remaining capacity	100%

UNIT LOG ACQUISITION (BATTERY INFORMATION)

- ▶ Unit information
 - Unit name: Name of component
 - Firmware version: Current Firmware on the Battery
- ▶ Log information
 - Cycle count: How many times Battery is charged
 - State of charge: Current state of charge of the Battery
 - Battery remaining capacity: When using the battery a longer time, the capacity will be lower

Unit information	
Unit name	BT-E6000/SM-BME60
Firmware version	-
Log information	
Cycle count	0Times
state of charge	49%
Battery remaining capacity	100%



UNIT LOG ACQUISITION (DRIVE UNIT INFORMATION)

► Unit information

- Unit name: Name of component
- Firmware version: Current Firmware on the Drive Unit

► Log information

- Total distance:
Total distance ridden with Drive Unit
- Light connection:
Battery power used for light Yes or No
- Tyre circumference:
Wheel diameter multiplied with PI
- Number of front gear teeth:
QTY teeth of Front Chainring
- Number of rear gear teeth:
QTY teeth of rear sprocket

Unit information	
Unit name	DU-E6000
Firmware version	2.7.1
Log information	
Total distance	0m
Light connection	Yes
Tyre circumference	2.000mm
Number of front gear teeth	38T
Number of rear gear teeth	16T



UNIT LOG ACQUISITION (SWITCH UNIT INFORMATION)

► Unit information

- Unit name:
Name of component
- Firmware version:
Current Firmware on the Switch

► Log information

- Switch mode:
Current mode setting of the Switch
(Assist or Shift)

Unit information	
Unit name	SW-E6000 for Assist
Firmware version	2.6.0
Log information	
Switch mode	for Assist

Unit information	
Unit name	SW-E6000 for Shift
Firmware version	2.6.0
Log information	
Switch mode	for Shift



UNIT LOG ACQUISITION (INDICATOR INFORMATION)

► Unit information

- Unit name:
Name of component
- Firmware version:
Current Firmware on the Drive Unit

► Log information

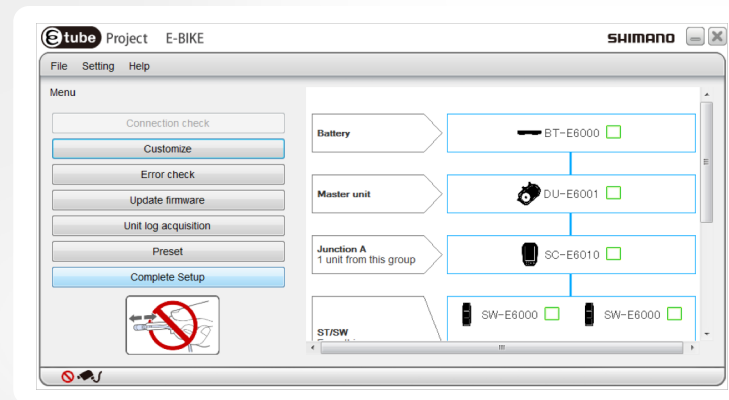
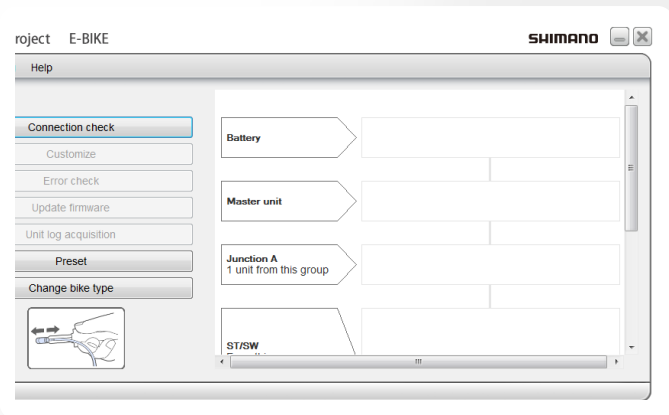
- Display units: Current setting of speed display
- Backlight setting: Backlight is ON/OFF/MANUAL
- Beep setting: Beep is ON/OFF
- Display language:
Which language is used inside the Computer

Unit information	
Unit name	SC-E6000
Firmware version	2.5.3
Log information	
Display units	International units
Backlight setting	ON
Beep setting	ON
Display language	English



E-TUBE PROJECT (CLOSING DOWN)

1. When finishing working with e-tube project, click the button "Complete Setup"



2. Close down completely