ATTIVA.6

Touch Display

information and features

USER MANUAL

ed.2023/r05

ITALCAR TOUCH DISPLAY, quick user manual

touch display – lead acid version

- main page - (fig. app.A.1)

second page - (fig. app.A.2)

the **main page** shows everything that is useful for the vehicle functionality and therefore (fig. app.A.1):
- km trip & km total
- speed in km/h
- tell-tales and indicators
- status of charge (SOC)
- instantaneous energy consumption
- driving mode
- fault error (if any)

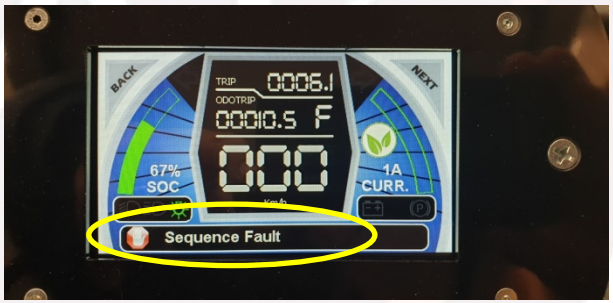
the **second (screen) page** keeping the lights and services indication shows (fig. app.A.2):
- temperature of gen4 sevcon controller
- temperature of engine

ITALCAR TOUCH DISPLAY, quick user manual

touch display – lead acid version

information and fault codes

fault codes page - (fig. app.A.3)



fault codes page - (fig. app.A.4)

on **all the screens**, in the lower part, there is a dedicated area for controller messages that can be divided in:
- informative messages (fig. app.A.3)
- warning messages and error presence (fig. app.A.4)

quick diagnostic area

«quick diagnostic area» access – (fig. app.A.5)

on the **main screen**, in the lower right corner (in yellow highlighted) (fig. app.A.5), there is a «touch» area which allows access to the quick diagnostics page (or primary elements functionality test) (fig.app.A.6)

quick diagnostic area page – (fig. app.A.6)

ITALCAR TOUCH DISPLAY, quick user manual

touch display – lead acid version

on this page you can find 6 gauges:

(1)=Throttle

used to check the correct functionality of the accelerator pedal.

WARNING	➢ **WARNING** for your safety and that of others, carry out the accelerator test **ONLY** with gear in neutral «**N**»

(2)=Heatsink

used to check the overheating status of the controller, temperature expressed in degrees °C

(3)=Motor Temp

used to check the overheating status of the motor, temperature expressed in degrees °C.

(4)=S.O.C.

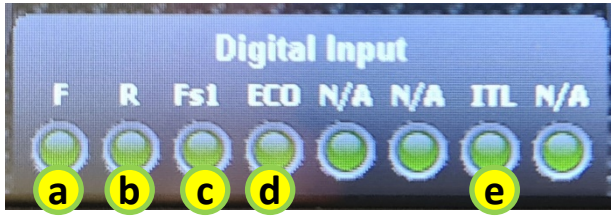
used to check the state of charge of the battery pack. *This information is already shown on the main screen of the display.*

(5)=Battery

it is used to check the voltage (V) of the battery pack both in stationary vehicle conditions and in moving vehicle conditions.

(6)=Digital Input

used to check if the digital inputs *(only the actives ones depending on the SW controller's version)* correctly reach the controller, specifically:



(6.a)=F

used to check if the forward input **(F)** reaches the control unit. If it correctly works, the dot lights up in GREEN.

(6.b)=R

used to check if the forward input ***(R)*** reaches the control unit. If it correctly works, the dot lights up in GREEN.

(6.c)=Fs1

used to check if the accelerator pedal's microswitch input (= ready to go) reaches the control unit. If it correctly works, the dot lights up in GREEN.

(6.d)=ECO

used to check if the driving mode input ***(ECO)*** reaches the control unit. If it correctly works, the dot lights up in GREEN.

(6.e)=ITL

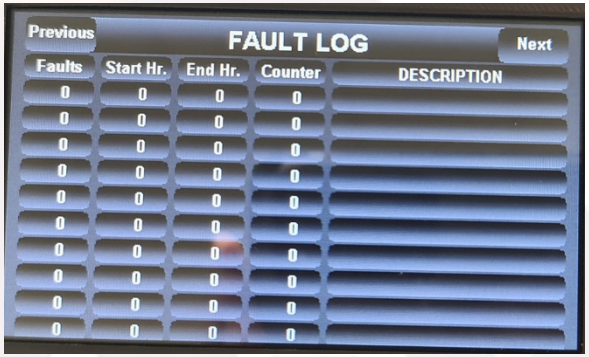
used to check if the «traction inhibit» input is active or not. If it si active the dot lights up in GREEN.

(n.b. feature present only on some configurations)

italian passion

ITALCAR TOUCH DISPLAY, quick user manual

touch display – lead acid version



alerts and fault codes page – (fig. app.A.7)

by clicking on **Next** button you can reach the alert and fault codes page (fig.app.A.7) This page shows the last 10 messages (warning or error) from the most recent to the oldest.

N.B. This page can also be accessed directly by "***touching***" the error message, when it is shown on the main screen(fig.app.A.8)

fault code example screen – (fig. app.A.8)

WARNING

➢ **WARNING:**
if your display shows the following screen (fig.app.A.9)

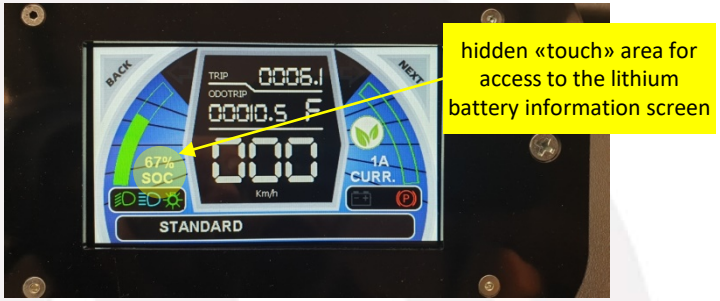
means that the display has lost the communication with the controller. The presence of the indicator in yellow highlighted, at the bottom right, means that there is no more communication on the CAN line:

(*) check that the CAN connection cable of the display is correctly inserted both in the display and in the CAN connector (diagnostic socket) of the vehicle: connector (white 6-pin molex) positioned near the TOW-RUN switch (see page 21 of this manual)

APPENDIX A – ITALCAR TOUCH DISPLAY, quick user manual

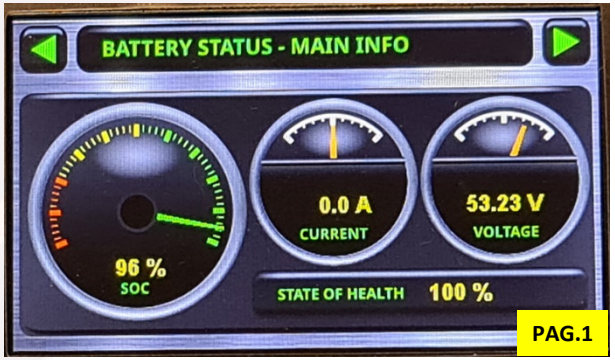
touch display – lithium 100Ah and 200Ah vehicle's version

lithium battery information area

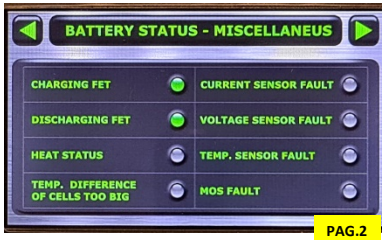


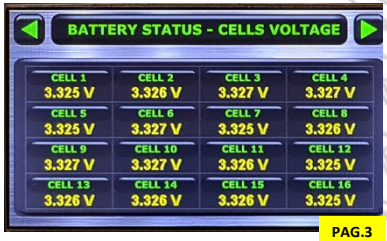
access to the "lithium battery information area" (fig. app.A.10)

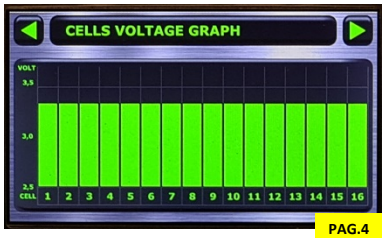
on the **main screen**, in correspondence with the «SOC» index on the left side (highlighted in yellow) (fig. app.A.10), there is a second «touch» area which allows access to the information pages on the status of the battery pack (or battery packs) lithium.

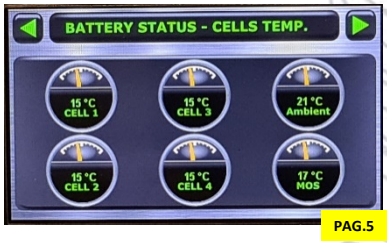


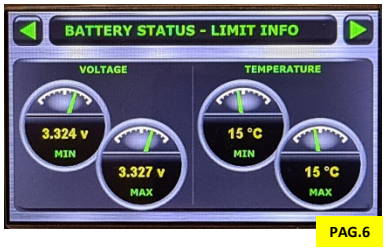
page 1 – lithium information area – (fig. app.A.11)











pages 2-6 – lithium information area (fig. app.A.12)

these pages (**PAGES 1-6** - fig. app.A.11 & fig. app.A.12) contain general information, and any alarms, of the lithium battery pack(s).The information is taken directly from the battery BMS