System States Diagram

(A) OFF

(B) GLV ON (SCADA ON, Display on)

(C) Diagnostic Mode:

(D) Diagnostics (Display: Packs not connected)

(E) Charging (without communication)

(F) Charging (with communication)

(Packs inside car)

(G) Tractive system ON

(H) Driving Mode MC-contacters turned on

(I) Turn MC Off, Turn Contacters off Open Safety loop Error screen

(J) Turn MC off, Turn Contacters off Diagnostic Screen

(K) Possible High voltage electrocution

(Compliance with regulations and safety measures)

Touch/Try to remove packs

Plug in charger

Turn GLV on

Tractive System Switch

Ready To Drive Button

(Take appropriate actions as per the system state diagram)