

Applies to:

Enigma Energi Powerchairs (after June 2004)
(Product codes: PC16 / PC18 / PC20 / PCA16 / PCA18 / PCA20 / PCA22)

Diagnostics

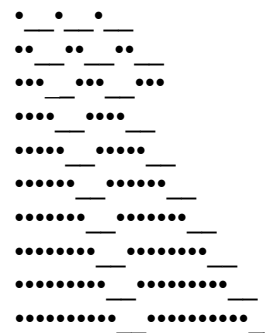
An abnormal condition is indicated by a flash code on the Shark Control Unit's "Information Gauge" (generally the same as the battery gauge). A Flash Code is a sequence of flashes, separated by a pause, followed by a repetition of the sequence. Depending on the severity of the condition, the powerchair may or may not allow driving. In some cases the chair may be allowed to drive but in a reduced speed ('limp') mode.

Note that joystick OONAPU (Out Of Neutral At Power Up) is not a fault. Simply by removing your hand from the joystick and allowing it to return to the neutral position, the fault will immediately clear. If the condition persists after removing your hand, the joystick may be damaged. Consult a service agent.



1. User Fault
2. Battery Fault
3. Left Motor Fault
4. Right Motor Fault
5. Left Park Brake Fault
6. Right Park Brake Fault
7. SHARK Control Unit Fault
8. SHARK Power Module Fault
9. SHARK Communications Fault
10. Incompatible Control Unit

Flash Code Sequence



• = flash
— = pause

- **Left RED is flashing.** Battery charge is low. The batteries should be charged as soon as possible.
- **Right to left 'chase' SHARK is in Lock mode.** To unlock SHARK, press the Horn button twice within 10 seconds. To lock SHARK, press the Power button for two seconds then release.
- **Left to right 'chase' alternating with steady display.** SHARK is in programming, inhibit and/or charging mode. The steady LED's indicate the current state of battery charge.
- **Right GREEN LED is flashing.** SHARK is in SPEED LIMIT mode. The current state of battery charge will be displayed at the same time.
- **All LED's flashing slowly.** SHARK has detected an Out Of Neutral At Power Up (OONAPU) condition Release the joystick back to neutral.
- **All LED's flashing quickly.** SHARK has detected a fault SHARK uses Flash Codes to indicate faults. Refer to the code sequences above for further information about fault diagnostics.