



## FEATURES

- Ergonomic
- Durable and functional design
- Cost-effective
- Ease of use

## BENEFITS



Reliability, designed for true 7 x 24 operation



Custom made for your application



High quality products with a quick turnaround

## APPLICATIONS

- Seat movement
- Door assembly
- Tailgate setting/release
- HVAC assembly test
- RQP setting
- Sunroof setting

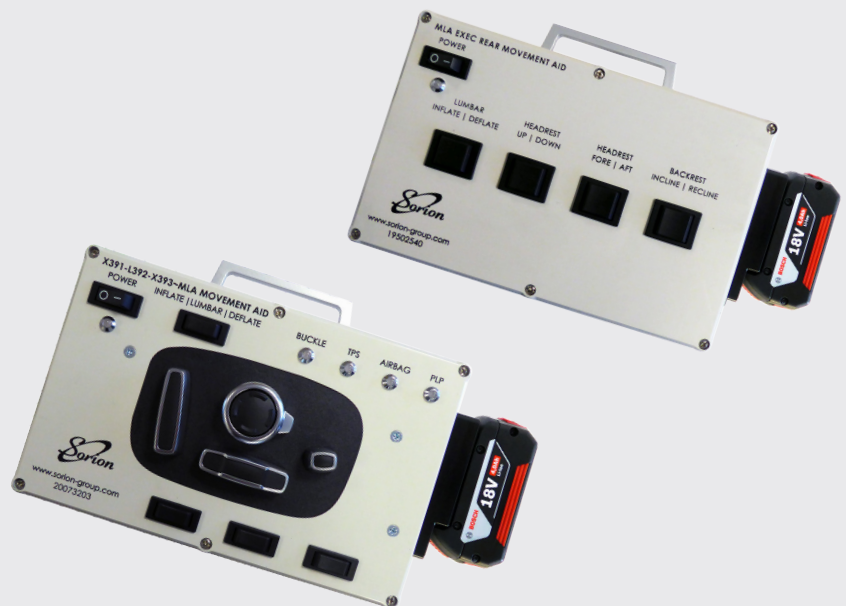
Sorion has extensive experience in implementing bespoke assembly and test aids (tools) for use during the assembly process of sub-assemblies and complete products.

Sorion Assembly Aids are designed to survive the harsh environment of the vehicle assembly shop. They are ergonomically designed with **functionality and durability** being of paramount consideration.



The units are **custom made** and vary in the level of complexity from a simple switchable power source using industry standard Bosch power tool batteries and charging facilities, to units with integrated microprocessor electronics providing CAN and LIN communications to allow the product to be actuated.

The combination of Sorion's engineering talent and in-house manufacturing capabilities provide customers with high quality products that meet their exact requirements, without compromise.



## FUNCTIONS



### ELECTRICAL TEST

Test with Pass / Fail Indication



### FUNCTIONAL TEST

To check the operation of a moving part



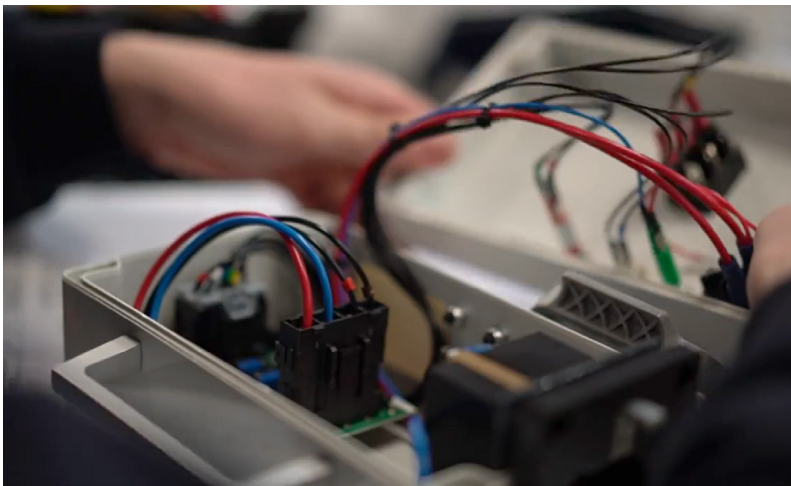
### MECHANICAL TEST

Used to check mechanical properties



### OPTICAL TEST

The use of optics to detect presence or correct fit



## RUGGEDISED CONNECTORS

Sorion's ruggedised connectors are ergonomically designed with functionality and durability of paramount consideration to survive the harsh environment of the vehicle assembly shop.

- Durable non-intrusive design
- Custom made for your application
- Gold plated spring probes – 100,000 insertions



## EXAMPLE PROJECTS



Seat sub-assembly movement aid



Window movement aid



Seat movement aid



Spoiler setting aid



**Sorion Electronics Ltd**  
Magreal Industrial Estate  
Freeth Street, Ladywood  
Birmingham, B16 0QZ

Tel: **0121 454 8966**  
Email: [sales@sorion.co.uk](mailto:sales@sorion.co.uk)  
[www.sorion.co.uk](http://www.sorion.co.uk)

