



Full Kit includes:
ISOLATOR, BUTTONS,
STICKERS, INSULATION CAPS

The GT Battery Isolator from CARTEK is a very small and highly reliable alternative to the traditional mechanical master-switch.

It has been designed to overcome all of the problems and restrictions associated with mechanical and electro/mechanical safety cut-outs.

FEATURES

- Fully electronic with no moving parts
- Totally sealed against water and dirt
- Completely resistant to shock and vibration
- Fully integrated with built in alternator run down circuitry - **No extra components required**
- Driver operation by a single internal ON-OFF button/switch
- External operation by single or multiple 'strike' button(s)
- Buttons / switches connected to Isolator using light weight wiring
- Mounts close to battery for reduced cabling
- Very small and weighs just 140g
- Designed and manufactured in UK using high quality components

USED BY



OPEL ADAM R2



TOYOTA GT86 CUP NZ



AMG SLS GT3



MINI CHALLENGE UK

When fitted to a race car our Solid State Battery Isolator simultaneously isolates the battery and kills the engine immediately when triggered in accordance with FiA safety regulations.

Cartek Battery Isolators can be supplied unit only for connection to customers own switches/buttons or as full kits with high quality, fully waterproof, internal and external buttons and safety stickers.

This system has been designed to simplify installation thereby saving time and reducing build costs.

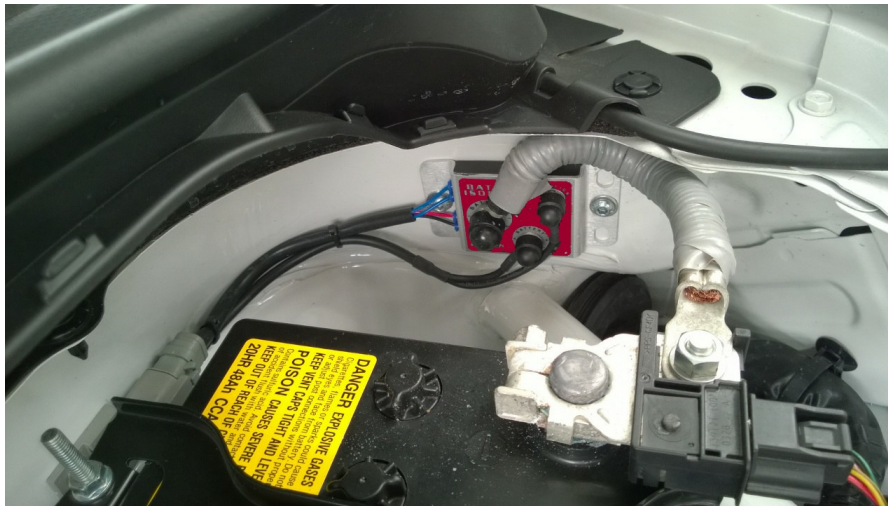


Choice of external button colours

SPECIFICATION

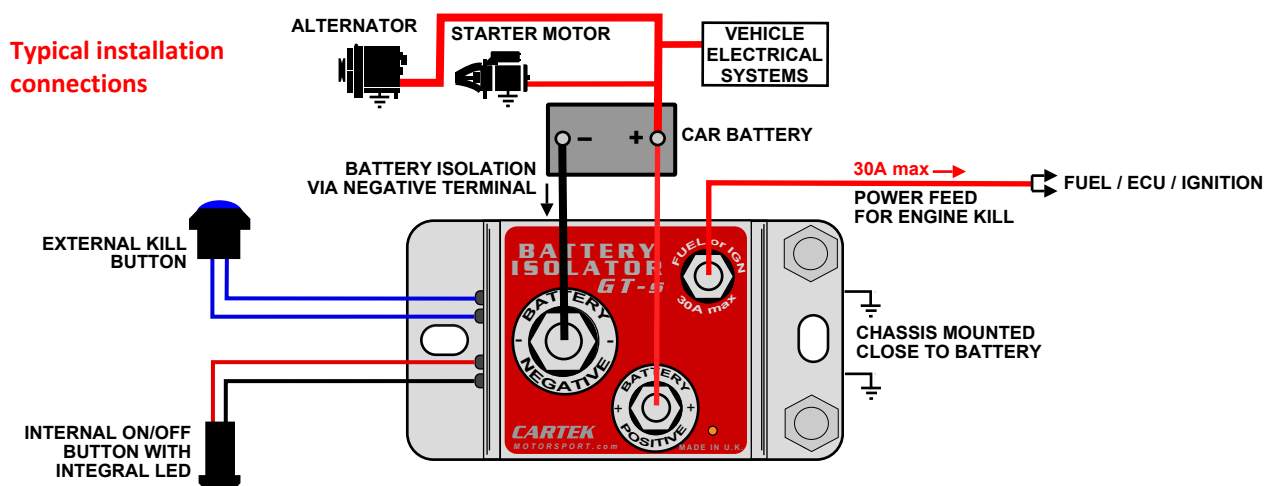
Size:	L = 92mm, W = 50mm.
Weight:	140g.
Battery negative terminal:	M8 stud.
Positive power terminals:	M6 stud.
Operational Voltage:	7v - 18v.
Current consumption:	50mA ON, 7mA OFF
Battery negative switching current:	600A cranking, 2000A surge
Positive power switching current:	30A.
Operating temperature:	-10°C - +85°C.
Storage temperature:	-40°C - +125°C

EXAMPLE OF INSTALLATION

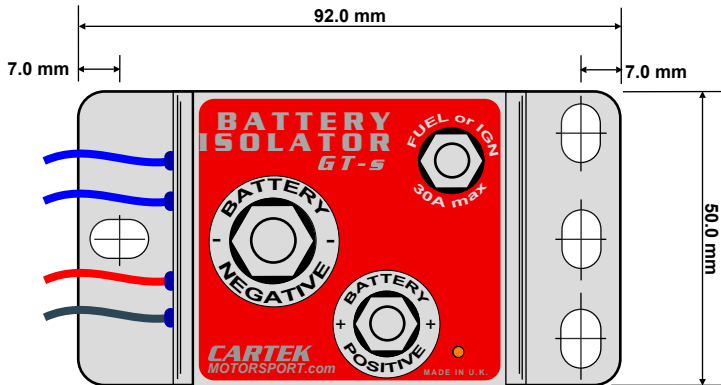


Fitted to Toyota GT86 Race Car









WIRING DIAGRAM



DIMENSIONS



PARTS LIST

	PART NO	DESCRIPTION
	CK-BT-02	Battery Isolator GT unit only
	CK-BG-06-B	Battery Isolator GT kit with Blue ext button
	CK-BG-06-R	Battery Isolator GT kit with Red ext button
	CK-EP-02	External 'kill' button, Red
	CK-LP-03	External 'kill' button, Blue
	CK-YP-04	External 'kill' button, Yellow
	CK-LT-01	Internal On/Off button (GT) - Will only work with Cartek Battery Isolator GT
	CK-SS-03	Safety stickers