

# LUDO MCGURK TRANSPORT EQUIPMENT LTD.

**SPECIALIST ELECTRICAL & ELECTRONIC VEHICLE EQUIPMENT**

## AUTO-EJECT WIRING

The Auto-Eject and engine management system of a vehicle are normally the only things that require power during the engine cranking cycle, when big voltage & current availability drops occur.

The engine management system runs on 5 volts or less, and is so designed into the vehicle as not to be affected by these drops.

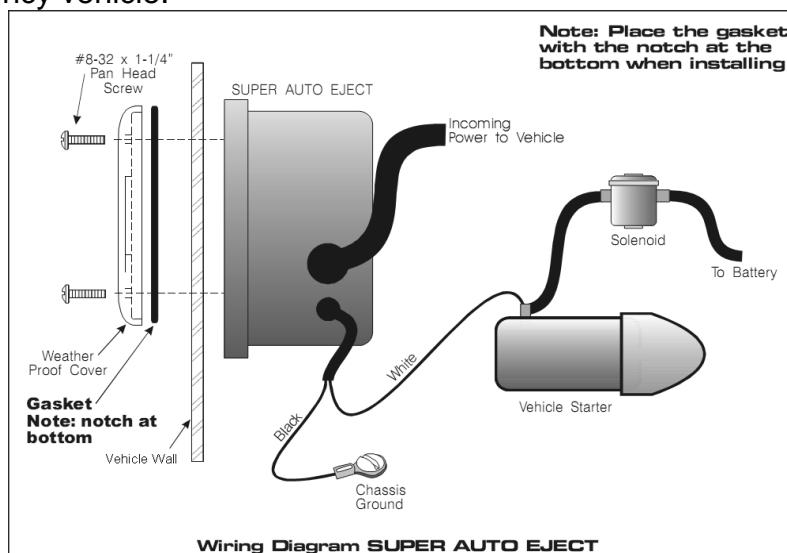
The Auto-Eject needs 2.2 amps during cranking, and needs to be connected to the starter, using cable at least equivalent to that supplied with it.

The reason is that the main wiring at the starter, as shown, is the most reliable starter activated wire on the vehicle during cranking.

Other points such as the starter command wire at the ignition switch are not reliable for this purpose and more so than ever these days when wire sizes are minimised to their sole design function, or may be part of a CAN system..

Do not wire to auxiliary batteries; these may be flat or under-voltage and cause the Auto-Eject not to work.

Do not wire through "start defeat" devices. The Auto-Eject eliminates the need for these and they can fail anyway which can have fatal consequences with an emergency vehicle.



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E&OE

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**DIRECTORS: L.F. MCGURK (MANAGING) T.MOORE MEng MIET (TECHNICAL) M. MCGURK (Co. SECRETARY) REG No. 0466853**  
**BANK: ROYAL BANK OF SCOTLAND ACCT: 10099819 SORT CODE: 16-34-24 VAT REG: GB511 5277 73**