

LAUNCH CONTROL SWITCH

80LC01

100708

LAUNCH CONTROL SWITCH

THE ARMTECH LAUNCH CONTROL SWITCH

When connected to an Armtech Speed Shift or an Armtech Rev Limiter (with Full Throttle Gear Shift Facility) the Launch Control Switch can reduce wheel spin off the start line, and therefore improve acceleration. This push button switch is mounted on to the steering wheel and allows the driver to momentarily limit the engine revs to a speed which will minimise wheel spin.

INSTALLATION PROCEDURE

The Launch Control push button switch can be mounted either on the steering wheel or the gear knob as preferred.

CONNECTING TO AN ARMTECH REV LIMITER

To connect the Launch Control Switch to the Armtech Rev Limiter with Full Throttle Gear Shift facility, first clamp the **GREEN** wire to a good **EARTH** bolt. Then take the **GREY** wire and connect this into the short **GREY** wire on the Rev Limiter.

CONNECTING TO AN ARMTECH SPEED SHIFT

To connect the Launch Control Switch to the Armtech Speed Shift, first cut off the two terminals at the ends of the switch wires and strip the insulation back approximately 5mm. Loosen the screws which hold the **GREEN** earth wire and the **GREY** clutch switch wires into the terminal block at the rear of the Speed Shift. Connect the **GREY** wire from the switch to the **GREY** clutch switch wire of the Speed Shift by inserting both into the clutch switch terminal of the Speed Shift. Connect the **GREEN** wire from the switch to the **GREEN** clutch switch wire of the Speed Shift by inserting both into the clutch switch terminal of the Speed Shift.

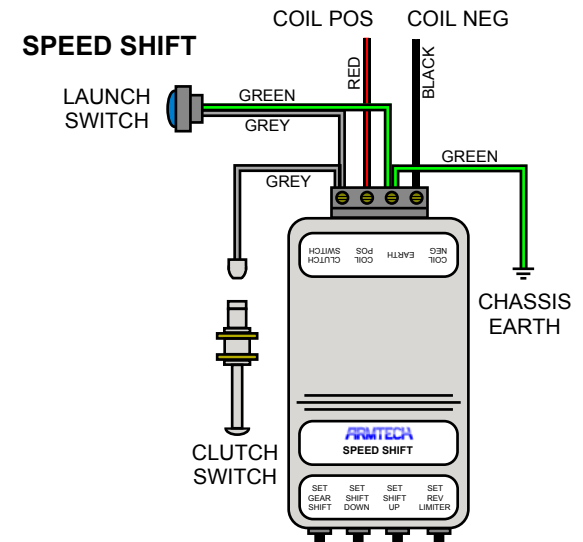
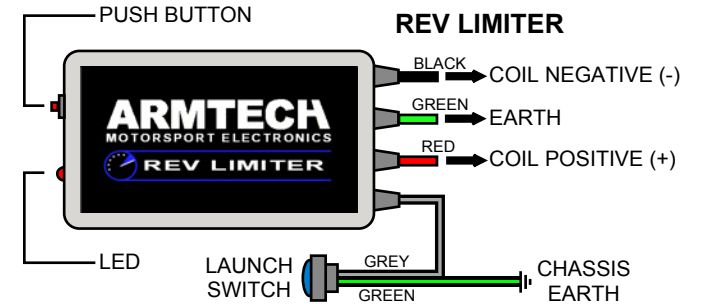
OPERATION

When positioned on the start line, select neutral and release the clutch pedal. Decide at what engine speed launch can be made with minimal wheel spin, then rev the engine to this speed. When the engine speed reaches this launch speed press and hold the Launch Control Switch. Whilst the switch is held the revs can be lowered, the clutch depressed and 1st gear selected.

Launch should then be achievable under full, or close to full, throttle with minimal wheel spin as the revs will be limited to the launch speed whilst the switch is pressed. A short period of time after the initial launch, the switch can be released and the engine will then rev freely. With the button released Full Throttle Gear Shift facility will function normally.

The engine speed at which optimum launch is achieved can only be determined with practice but it must be above the Gear Shift speed. The Gear Shift speed may therefore need to be set to a lower speed (see appropriate instruction for the Rev Limiter or Speed Shift)

WIRING DIAGRAMS



CUSTOMER CARE

As part of our commitment to providing the best possible products and after-sales service, we operate a telephone Help line and Warranty Care service. For any queries, just call during office hours or email and we will endeavour to resolve the problem.

WARRANTY

ARMTECH warrants that if the whole or any part of the LAUNCH BUTTON is defective as to materials or workmanship, provided that such defect is notified to ARMTECH as soon as the customer becomes aware and in any event within one year of purchase from ARMTECH or one of its distributors, ARMTECH will make good the said defect without charge by repair or, at the discretion of ARMTECH, by replacement. The warranty does not extend to defects caused wholly or partly by improper use, failure to follow installation or operation instructions, wilful default, act of God, or accident. ARMTECH will not be held liable for any injury, damage, direct or consequential loss, however caused relating to the LAUNCH BUTTON.

