

LOGIC OPERATING DEVICE FOR OVERDRIVE UNITS



This device is a small relay sized box of sophisticated electronics, which is wired in line with the existing overdrive wiring.

The system is operated by a flick switch (often referred to as a 'momentary operation' switch) rather than a normal on-off switch. The action of the switch latches the logic device to operate the overdrive. Changing gear, turning off the ignition, or operating the flick switch disengages overdrive, which will not re-engage until the flick switch is operated again.

This means that the overdrive cannot be left on inadvertently, also providing quick changing from, say, third overdrive to straight top, as the overdrive automatically drops out as the gearshift is moved.

So, in operation a typical sequence of events would be: Start the car, (the overdrive will be disengaged as the ignition was turned off thus de-energizing the logic unit). Through 1st, 2nd and into 3rd. Flick the switch overdrive is engaged. At a roundabout, flick the switch again and overdrive will be disengaged. After the roundabout flick the switch overdrive will be engaged, select 4th, this will be non-overdrive without having to operate the switch, flick the switch and overdrive 4th will be engaged. Change to 3rd for another roundabout and this will be straight 3rd gear.

Three logic devices are available.

RTR1001K Logic Switcher basic unit suitable for positive and negative earth. An externally wired tell-tale lamp can be wired to the dash to help identify when the overdrive is engaged.

RTR1296NK Logic Switcher with dimming of tell-tale lamp facility; suitable for negative earth. This unit has two easily adjustable potentiometers that will dim a dash mounted tell-tale lamp. One is used to adjust the intensity of the lamp in daylight and the other does the same when the side lights are switched on thus allowing for different intensity of the lamp during the day and at night.

RTR1296PK Logic Switcher with dimming of tell-tale lamp facility; suitable for positive earth. All other features are as RTR1296NK.

Each kit comes with mounting blocks (shown above) and comprehensive fitting instructions.

Various flick switches are available: -

RTR8436 : Flick Switch with a 40mm arm

RTR8433 : Flick Switch with a 43mm arm

RTR8434 : Flick Switch with a 60mm arm

And lamps of various colours as follows: -

RTR8193A : Indicator lamp Amber

RTR8193G : Indicator lamp Green

RTR8193R : Indicator lamp Red

RTR8193U : Indicator lamp Blue

Cars with J Type overdrives do not have a relay for the solenoid as standard and one will be needed. A suitable relay is: -

RTR8012 Relay

A wiring diagram is included in the fitting instructions.

Available from : REVINGTON TR, Home Farm, Middlezoy, Somerset, TA7 0PD.

Tel: 01823 698437 Fax: 01823 698109 E-mail: info@revingtontr.com

Please use the website www.revingtontr.com for current prices