

# Juland Electronics Tachometric Start Module TSM2

**Features:** Change on Accel. - Adjustable Injector Hold-on - Safety-Switch

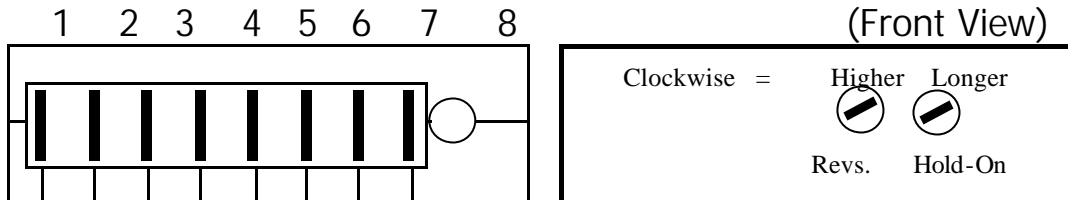
## Intallation Instructions

### Connections:-

When viewed from Left to Right (Rear view)

Adjustments

(Front View)



- Petrol In (From Change-over switch)
- Petrol Out (To Injector cut relay)
- Gas In (From Change-over switch)
- Ground (Join to GND on Change-over switch)
- Ignition +12v (Join to Ign. on Change-over switch)
- Gas Out (To Gas Lock-offs)
- No Pin, No Connection (Note: This is a change from earlier models)
- Coil -Ve Input (Or wrap 4 turns of hook up wire around Coil HT lead)
- or, 2 loops around **all** plug leads (Perhaps near coil pack)

### Important:

- The **LEFT** Trimpot sets the revs. at which the change-over will occur.
- The **RIGHT** Trimpot sets the Injector hold-on time. Fully anticlockwise = no hold-on.
- The Ground and Ignition Pins can be joined to the same pins on the change-over switch.
- Once the tacho change-over and injector hold-on have occurred, the output will "lock" into the gas position until the gas/petrol switch is moved, or the vehicle is switched off.
- The centre position (If using a 3-Pos switch), will facillitate a "Straight Gas" start.

### Other Features:

- Whenever the Safety-Switch time-out occurs, the TSM2 will select Petrol, regardless of the position of the Gas/Petrol switch.
- On "Straight-Gas" start, the injectors activate for a few milliseconds when ignition is turned on.
- After a "Straight-Gas" start, if the switch is moved to the Gas position and the revs. required for a Tacho change haven't been reached, the TSM2 will select petrol and remain on petrol until the Tacho change point is reached. Injector Hold-on will activate when the tacho change occurs.

### \*CAUTION\*

- ⇒ Check all wiring prior to switching on.
- ⇒ If problems exist, recheck all wiring; then email us:- [info@juland.com.au](mailto:info@juland.com.au)

**Rev Range for 6 Cylinder Distributor-based Engine (ie: 3 sparks per revolution)**  
is:- Min: 670rpm, Max: 2000rpm

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