



S1 Sequential

Gear indicator fitment &
programming



Small Housing Style
*Nice and compact in a
black casing.*



Gauge Pod Style
*Designed for a standard 52mm /
2 ¹/₁₆ in gauge pod.*

This gear indicator differs slightly from most by using not just an analog signal to determine gear but also an input from a reverse switch which is necessary with our shifter.

It is that required that the installer has the appropriate knowledge to complete the job, if cannot use a multimeter to test voltage and resistance it is best to get this job done by a professional.

Fitment

Mount the gear indicator in the desired position using double sided tape for the small flat style gear indicator or a 52mm, 2 1/16 in gauge cup for the pod mount style and connect all wires.

Wire Colours

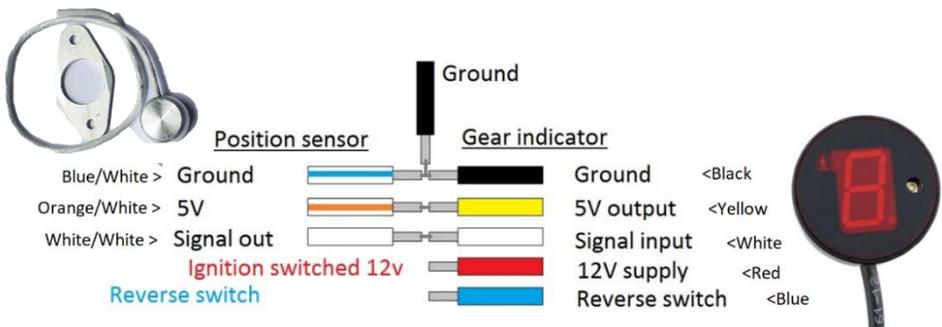
Black = Ground

Red = 12v (ignition switched maximum 18 V)

Yellow = 5v output for position sensor

White = Signal input (signal output from sensor)

Blue = Reverse input



Sensor fitment

Position sensors now have a revised design that allows them to be rotated 360 degrees under the mounting bracket. To determine the correct position it is best to use a multimeter between the white signal wire and ground to ensure the sensor is positioned so it will not cross the dead zone in operation where the output will instantly jump from a low to high voltage. The sensor is secured with the supplied 4mm stainless steel screws.

Set up

These Gear indicators now ship programmed but this may still need to be reprogrammed for your specific set up.

Programming

1. Hold the programming button down while the ignition power is switched on this will put the gear indicator into programming mode. The programming button can be accessed through the 4mm hole on the front of the gear indicator. This should be done with a nonconductive object to prevent any accidental damage.
2. The gear indicator will now pulse the gear it is waiting to be entered starting with neutral.

3. Select the gear displayed on the shifter/transmission then press the program button to set the position in the gear indicator.
4. Once you have programmed the number of gears your transmission has turn off power to the gear indicator for all the settings to be saved.
5. Reverse can be displayed by either a high or low power (under 1V=low, over 4V= high) on the blue wire this will come from the reverse switch on the side of the transmission.

The reverse input will override all other gear positions.

Generally earlier cars and most conversions switch to 12v with reverse is engaged and many late model cars have a 12v supply to the sensor that gets pulled to ground when reverse is engaged. To select positive or negative trigger press the program button for 1 second any time at least 5 seconds after start up and the input trigger behaviour will switch.

When you select positive trigger, the display will flash "P" with you select negative trigger the display will flash "N".

If you're not sure what to do and you definitely have a reverse switch wire that changes when reverse is selected just try pushing the button and see what happens.

Trouble shooting

Gear indicator does not light up: Check that there is at least 10v between the black and red wires.

I program the gear indicator, but it does not save: Check that the sensor out put changes with gear position (measure between black and white wires). Check that the Yellow wire to the sensor has between 4 & 5 volts (measure between black and yellow wires).

Gear indicator only shows “R” or “A”: This is the same letter the “A” is the closest we can get to an “R” on the seven-segment display. The “R” will mean that the reverse input is triggered so invert its behaviour by pressing the program button for one second at least 5 seconds after power has been switched on.



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