MRW01

Standard Digital Glow Driver MKIII

Congratulations on buying this Model Radio Workshop Digital Glow Driver. If you treat it with respect it will reward you with many years of trouble free service. The Glow Plug is activated when the control stick is between the tick-over and set points.

Features
The glow plug is inhibited below the user selected tick-over position.
The operating point (set point) can be anywhere on the stick travel.
The stick direction is automatically detected.
LED lights when Glow plug is active.
LED lights to confirm set-up.

Set-up
Connect the throttle servo to the receiver using a "Y" harness and plug the Digital Glow Driver lead into the spare arm of the "Y". Move the throttle stick to the tick-over position and press and hold the set key. The LED glows to confirm that the tick-over position has been stored. If the LED is already glowing (because of a previous setting) when the key is pressed, the LED will blink out before glowing to confirm that set-up is active. Move the throttle stick to the position where you would like the Glow Plug to activate. (About one eighth throttle is a good starting point.) Release the key. The LED goes out to confirm that the set-up is complete.

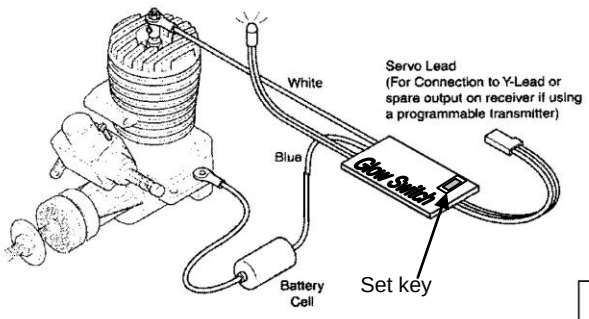
The tick-over and set points can be adjusted at any time by repeating the set-up instructions above.

When the throttle stick is above the set point, the glow plug is off and LED is dark. As the throttle stick position is reduced to below the set point, the LED will glow to confirm that the Glow Plug is on. Below tick-over, the glow plug is off and the LED is dark.

SAFETY
Please ensure that the selection key cannot be pressed accidentally while the unit is in use.

Wiring
Connect the glow battery and glow clip to the Digital Glow Driver following the diagram below. Be sure to observe the correct polarity of the glow battery.

Single cylinder engine set-up



Operating voltage of the receiver used
4.4v to 6.3v
4 cell NiMh or 5 cell NiMh

Blue = negative on the nicad cell
White = glow plug tip

Twin cylinder set-up