Super Shift - *DSL 2*
Sequential Shift Light

MicroDYNAMICS' Super Shift provides a multicolored visual indication of when to change gear. This permits the driver to anticipate the optimum time to change gear and extract the best performance from the vehicle without the distraction of watching the tachometer. Its precise microprocessor control provides high accuracy, reliability and ease of use in a compact size.

Features:

- Digital accuracy
- Half speed set
- Multicolored Ultra bright LEDs
- Adjustable brightness control
- Adjustable to any setting between: 1,000 - 40,000 sparks / minute. (e.g.: 500 RPM to 20,000 RPM on 4 cylinder engines.)
- No-loss back up memory
- Simple to fit

Applications: Single or multi coil.
Negative earth systems.
All contact breaker, optical, and most transistorised and ECU controlled ignition systems.

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Autocar
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49/51 Tiverton Street, London SE1 6NZ U.K.
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Thank you for choosing a quality MicroDynamics product.

Before commencing any installation, it is recommended that the vehicle's battery is first disconnected.

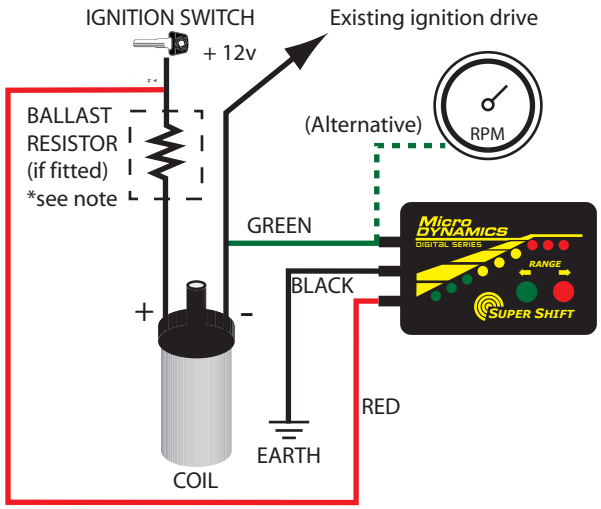
Installation Procedure

Select a suitable mounting position such that the Super Shift's LEDs are clearly visible by the driver.

Using a 2mm hex (Allen) key, remove the bracket from the Super Shift unit. Fix the bracket to the vehicle using two #6 screws supplied (a 3mm hole will need to be drilled for each.) Once in place, fit the Super Shift unit on to the bracket and replace the bolts. Adjust the angle of the unit and tighten the bolts. Take care not to over tighten as this could result in damage to the unit. Alternatively, use a double-sided adhesive pad to fix the Super Shift to a convenient flat surface.

Connect the BLACK wire to a good electrical earth. A ring terminal and #10 screw is supplied for this purpose. A 4mm hole is required.

Locate the two wires which provide the vehicle's tachometer with power and rpm signal. With the ignition switched off and using the blue T-splice connectors (supplied), connect the RED wire onto the positive (+) wire and the GREEN wire to the negative (-) coil wire or the tacho signal wire.



Setting Up

When the power is turned on all LEDs should flash momentarily. If this does not happen, re-check the connections.

Start the engine and rev to HALF the speed desired to trigger the red LEDs. Press and hold the RED button. The LEDs will flash three times. Release the RED button and the Super Shift will store DOUBLE that speed to memory.

Now, rev the engine revs to HALF the speed desired to trigger the first GREEN LED. Press and hold the GREEN button. The LED will flash three times. Release the Green button and the Super Shift will store DOUBLE that speed to memory.

When the engine is revved and the lower shift speed reached, the first GREEN LED will illuminate. As the engine speed increases, more LEDs will illuminate incrementally until, at the highest speed set, the four red LEDs will strobe.

Settings will not be lost even if the vehicle's battery is removed for long periods.

The shift points may be re-set to another engine speed at any time by repeating the above procedure.

Brightness Adjustment

To adjust the LED brightness, press and hold both the RED and the GREEN button, together. All LEDs will illuminate displaying the current brightness setting. Whilst the buttons remain pressed the brightness will automatically cycle through 8 levels. When the desired setting is reached, release both buttons. This should be carried out when the engine is not running in order to avoid accidentally re-setting the shift range.

***Note: Ballast resistors**
If the ignition system to which the Super Shift is to be fitted incorporates a ballast resistor connected to the positive (+) terminal of the coil, the RED wire of the Super Shift must be connected to the ignition switch side of the resistor and NOT the coil side.

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