

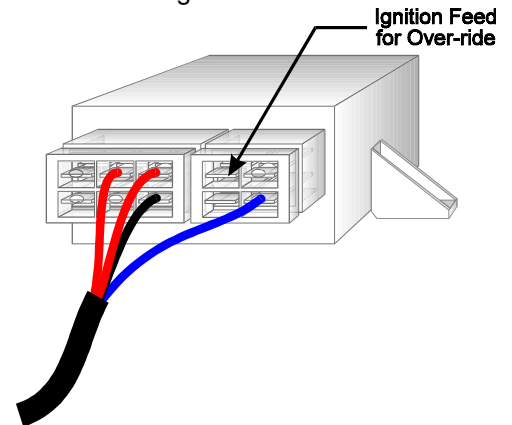
## OVER-RIDE STANDSTILL SYSTEM

### OVER-RIDE AND TEST UNIVERSAL SPEEDSWITCH

#### OVER-RIDE of UNIVERSAL SPEEDSWITCH

To over-ride the Telma Universal Speedswitch, follow the following procedure to energise the unit:

- Provide an Ignition feed to the test terminal as shown.
- Switch on Ignition
- Operate foot brake and check the correct functioning of the relays in the Telma Relay Box and Telma dash light
- Carry out any other tests required - amp draw etc
- On completion of tests, remove the Ignition feed



This procedure allows the testing of the foot control system, but it does not, however, test the functioning of the speed circuitry of the Universal Speedswitch itself.

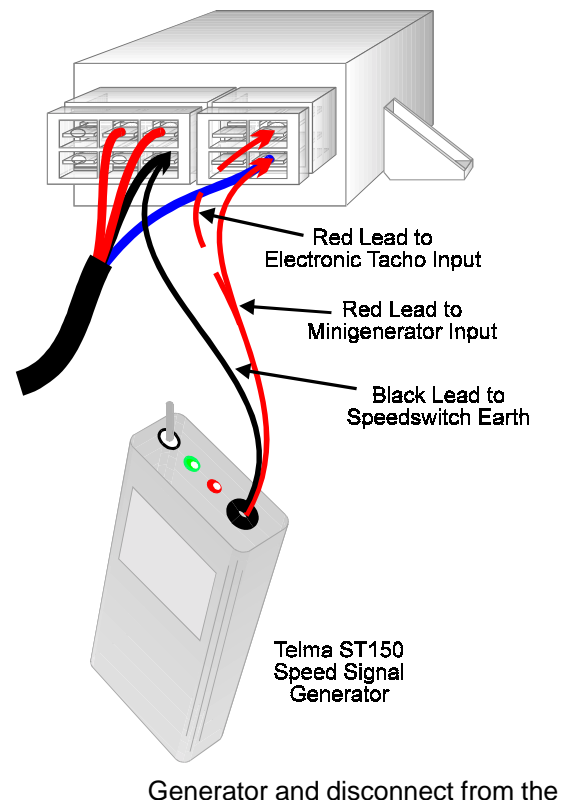
#### OVER-RIDE AND TEST of UNIVERSAL SPEEDSWITCH

This may be achieved by use of Telma test equipment; the Telma Speed Signal Generator, Part No ST150, can be used to over-ride the Speedswitch and test both inputs for signals from either electronic tachograph, speedometer or minigenerator.

- Connect the black wire from the ST150 Speed Signal Generator to the earth connection on the Universal Speedswitch as shown
- Connect the red wire to either the input for the tachograph or the minigenerator as shown

Note: In certain cases, it may be necessary to remove the four-pin plug and connect the red wire directly to either the input for the tachograph or the minigenerator

- Switch on the ST150 Speed Signal Generator. The green LED indicates a signal is being input to the Speedswitch
- Switch on vehicle Ignition
- Operate the foot brake and check the correct functioning of the relays in the Telma Relay Box and Telma dash light
- Carry out any other tests required - amp draw etc
- On completion of tests, switch off the ST150 Speed Signal Universal Speedswitch



Generator and disconnect from the

**NOTE:** If the red LED glows on switching on the Speed Signal Generator, the battery will require replacing.

**OVER-RIDE STANDSTILL SYSTEM****OVER-RIDE STANDSTILL FUNCTION IN ABS INTERFACE**

On a vehicle equipped with ABS and the Telma ABS Interface module, it is necessary to over-ride the standstill function of the module prior to carrying out any function tests on the control system.

In order to provide a speed signal to the module, it is necessary to use special Telma test equipment; the Telma Speed Signal Generator enables the system to be fully tested.

- Turn the vehicle ignition off
- Unplug the connector of the Telma ABS Interface, remove the cover and replug connector into the Interface
- Disconnect the cable to Terminal 1 of the ABS Interface and provide an Ignition feed to Terminal 1 of the Telma ABS Interface
- Connect the black wire from the Telma Speed Signal Generator to the earth connection, Terminal 11, on the ABS Interface module
- Disconnect the cable connected to Terminal 4 of the Telma ABS Interface and connect the red lead of the Telma Speed Signal Generator to Terminal 4 on the ABS Interface
- Switch on the vehicle Ignition
- Switch on the Telma Speed Signal Generator
- Operate the Telma hand control and/or operate the foot control; check the correct functioning of the relays in the Telma Relay Box
- On completion of the tests, switch off the Ignition and the Speed Signal Generator; disconnect the test equipment and remove the Ignition feed to Terminal 1 of the Interface and reconnect cables
- Unplug the connector, replace and secure the cover and reconnect plug into the ABS Interface.