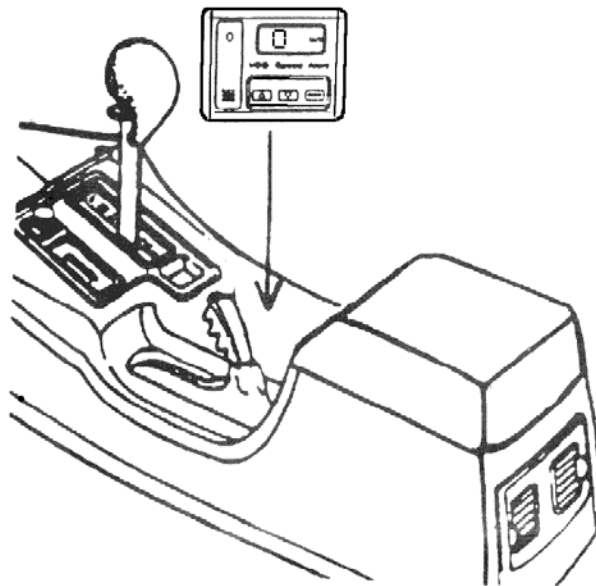


VDO SPEED ALERT Installation Instructions

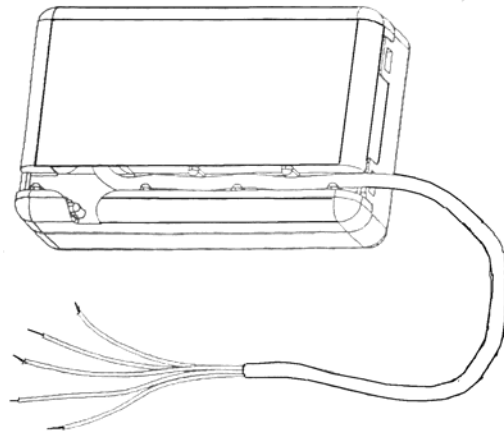
TO MOUNT THE SPEED ALERT UNIT

- a. Make sure the Speed Alert is mounted in a location away from direct sunlight.
- b. Install the unit to provide good access from driver's seat. It should be mounted within easy reach, eg. The centre console or either side of the dashboard where visible, is an ideal mounting position.
- c. The unit can be mounted on any smooth surface by means of double-sided tape (provided in the Kit). Remove any wax or polish from the dash or centre console with a recognised cleaning fluid. Fix the adhesive tab to the smooth panel of the Speed Alert that will make contact with the mounting surface of the vehicle. Hold the Speed Alert at the casing edge and solidly apply to the desired position.

Do not press on the display or the front buttons.



LOOM ROUTING



ELECTRONIC SPEEDOMETER

In vehicles with electronic speedometers, the Speed Alert signal wire (Blue) can be directly connected to the speed sensor *signal output*.

You may need to refer to your vehicles service/repair manual or contact your local Dealer to find out the speed signal colour wire.

MECHANICAL SPEEDOMETER

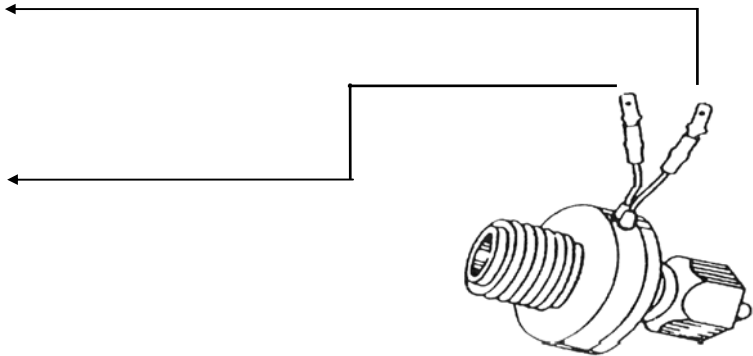
In the case of a mechanical speedometer, fit an electronic speed sensor to the vehicle as per the instructions of that particular unit.

If the speed sensor supplied in the mechanical Speed Alert kit doesn't suit your application, contact VDO Kienzle or your supplier for further information on alternative speed sensors.

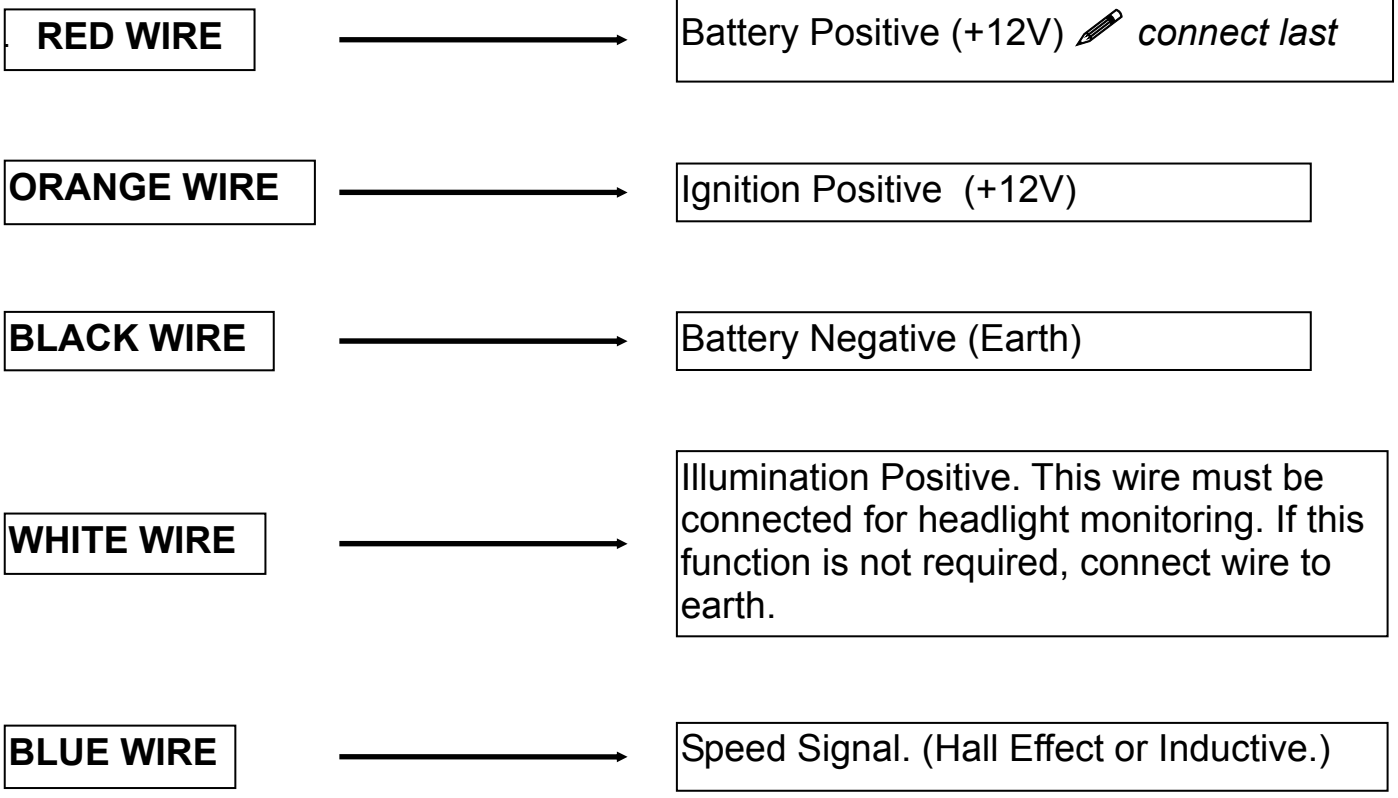
EXAMPLE OF A GENERATOR TYPE SENDER

SIGNAL OUTPUT
Connect to blue wire of Speed Alert.

SIGNAL GROUND
Connect to earth.

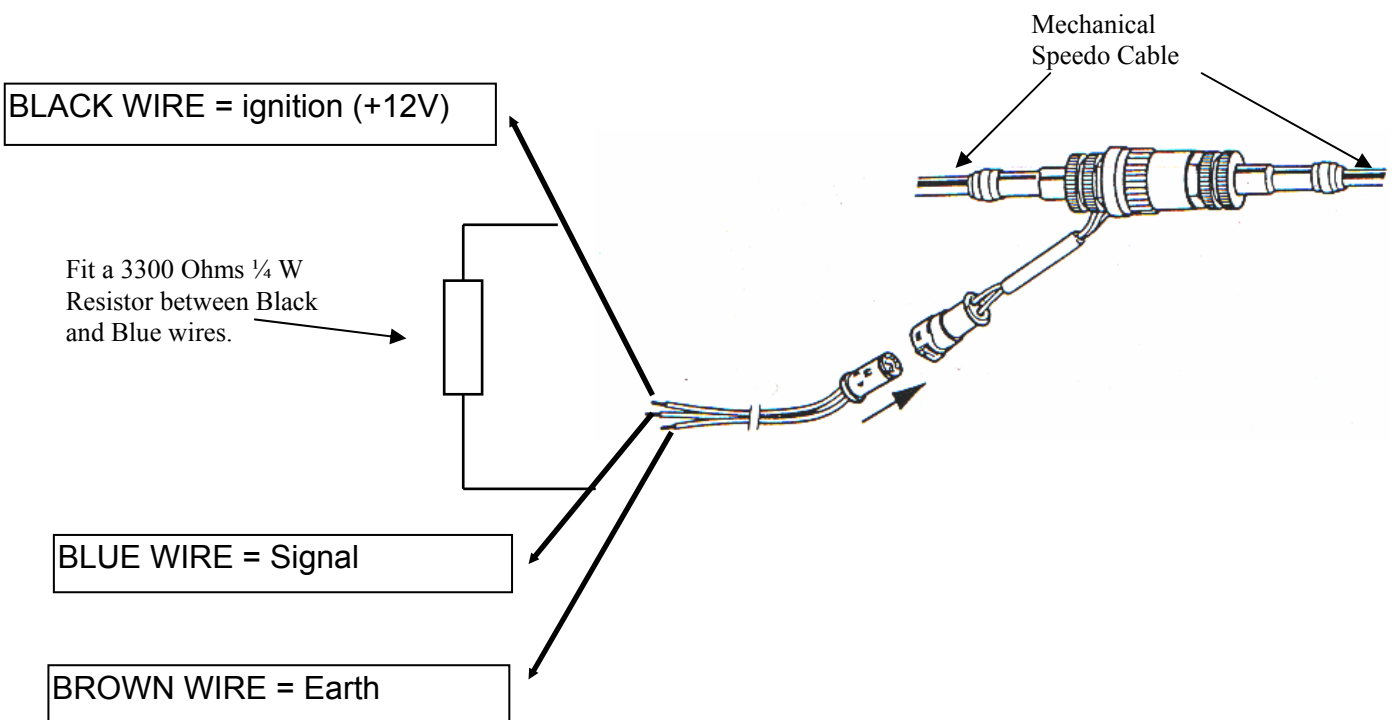


WIRING DIAGRAM



WIRING OF SPEED SENSORS

EXAMPLE OF A HALL EFFECT SPEED SENSOR (p/n 412.009)



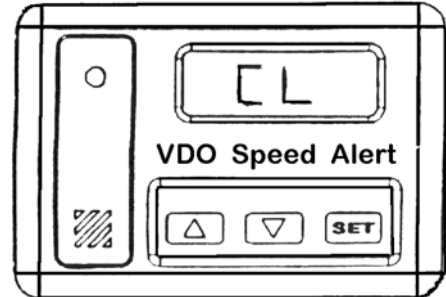
Operating Instructions

CALIBRATION

The Calibration must be done during the initial set-up or when battery voltage is lost.

When the battery Positive wire (*the last connection made*) is applied to the Speed Alert, the liquid crystal display (LCD) will alternate between "CL" and "60".

The display flashes "60" to remind you to calibrate the unit at 60 Km/h.



To calibrate the Speed Alert to your vehicle, simply follow these steps:

- a. Drive the vehicle at a steady speed until the vehicle speedometer indicates 60 Km/h.
- b. While retaining 60 Km/h press the "set" button. The unit is now calibrated to your vehicle and will confirm calibration by giving a single beep and displaying "0". Your Speed Alert is only as accurate as your speedometer.

Note

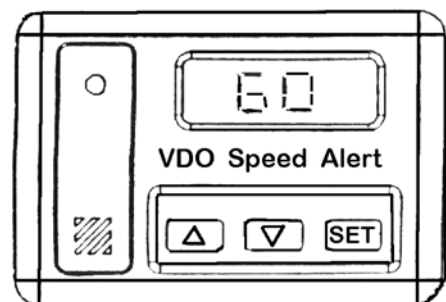
If constant power is lost, due to a flat battery or the removal of a battery terminal, the Speed Alert will have to be re-calibrated. Simply follow steps "a." and "b." above.

If calibration is incorrect reset the Speed Alert into the calibration mode by pushing all three front buttons at once for a period of 4 seconds.

SETTING THE UNIT

While driving the vehicle at the desired trigger speed (at or close to the speed limit) press the "Set" button.

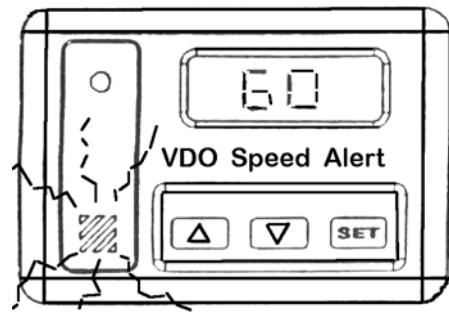
This speed is then programmed into the over-speed warning function, and will be displayed.



When the vehicle is driven at speeds above the trigger speed, the Speed Alert will activate the audio and visual alarms. The combination, visual and audible alarms are programmable to give either:

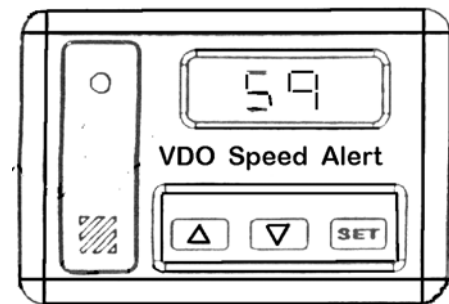
- a. 6 sets of 2 beeps every 30 seconds or
- b. Continuous beeps.

Once the unit is installed the alarm will be set to option “a.” The continuous beeps option “b” can be selected by pressing the “Set” button for more than 30 seconds. If the “Set” button is held for another 30 seconds, the alarm will revert back to option (a.).



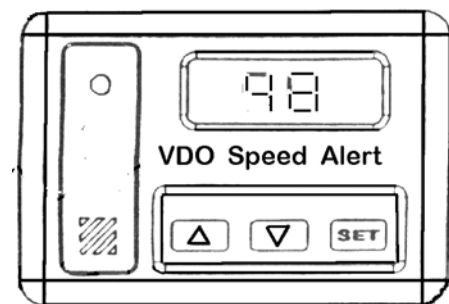
TO ADJUST THE TRIGGER SPEED

Fine adjustments of the trigger speed are made by pressing the ▲ or ▼ buttons which will increase or decrease the speed setting in 1 Km/h steps



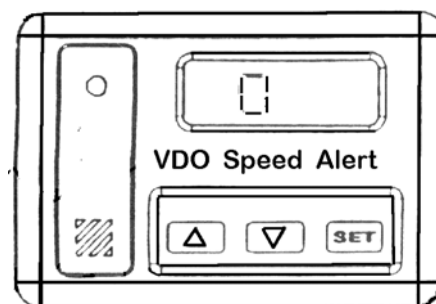
TO PROGRAM A NEW SPEED SETTING

To set a new trigger speed into the unit (eg. driving into a different speed zone simply drive to the desired speed and press the set button the new speed will be displayed and programmed into the Speed Alert.



TO CANCEL SPEED SETTING

Alternatively, you can hold the ▲ and ▼ buttons simultaneously. The display will revert to “0” and the speed alarm will not operate until a new trigger speed is set.



HEADLIGHT WARNING

If the lights are left on when the ignition has been turned off, the Speed Alert alarm will beep continuously and the LED will flash until the headlights are turned off.

TROUBLESHOOTING

- | | |
|-----------------|---|
| PROBLEM | After calibration of the unit, the display shows 20km/h whenever SET button is pressed. |
| SOLUTION | Speed signal missing. Check for correct connection of blue signal wire. |
| PROBLEM | After ignition is switched off, Speed Alert beeps, and “OO” flashes on display. |
| SOLUTION | Check that headlights have been switched off, check for correct connection of white wire. If white wire is not connected, connect it to ground. |
| PROBLEM | Speed Alert triggers at incorrect speed. |
| SOLUTION | Speed Alert requires calibration. To do this, depress all three buttons at the same time for four seconds. The display will now alternate between “CL” and “60”. Drive the vehicle at a steady 60km/h and push the “SET” button. The speed Alert will now be re-calibrated to your vehicle. |