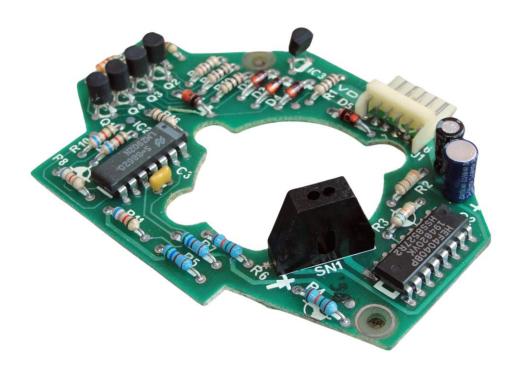
# **VL Speed Sensor Replacement Guide**

DIY Version v1.1 HOLDCOM AUTO PARTS www.holdcom.com.au



### **Disclaimer:**

This is intended to be used as a guide only, and it is as accurate as possible. I am in no way responsible for any damage(s) caused in any way. This is quite an easy procedure for the average person, but extreme care must be taken. I have provided the best method which has the least risk of damaging parts of the instrument cluster.

#### **Tools required:**

- Phillips head screwdriver (medium sized)
- Needle nosed pliers or side cutters
- Possibly a flat head screwdriver (medium sized)
- Soldering Iron
- Solder
- De-soldering Wick
- Side cutters

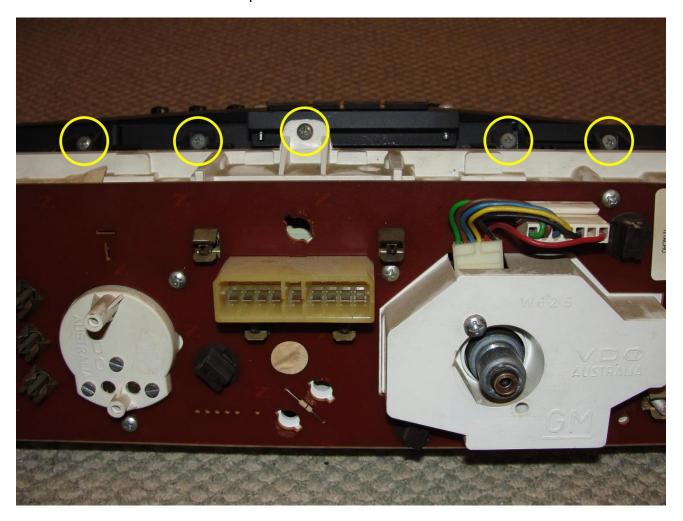
#### **Time required:**

Approximately 80 minutess

## Procedure:

1. Remove instrument cluster from your vehicle.

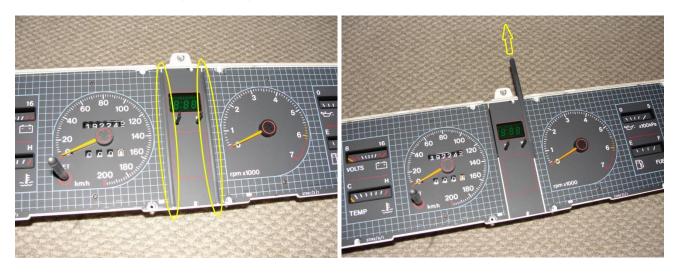
2. Remove 5 screws from rear of top section and remove.



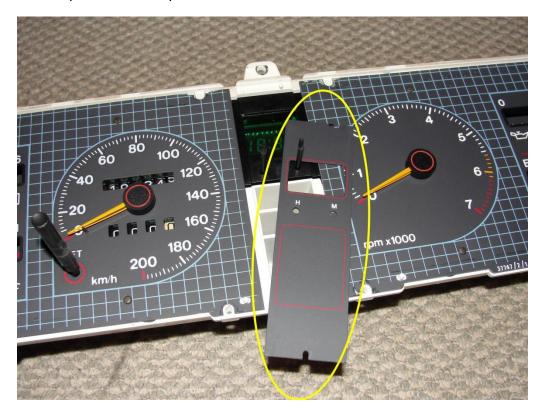
3. Remove 8 screws from front lens and remove.



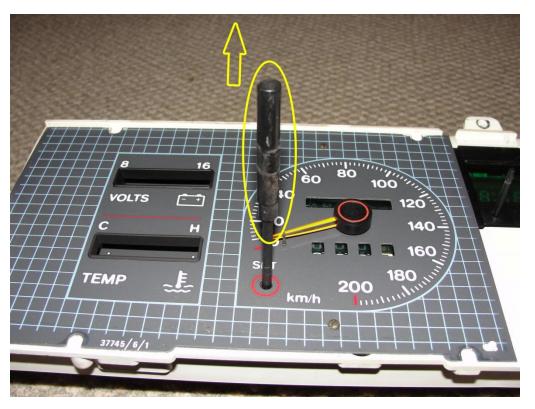
4. Slide the two fascia separators up to remove.



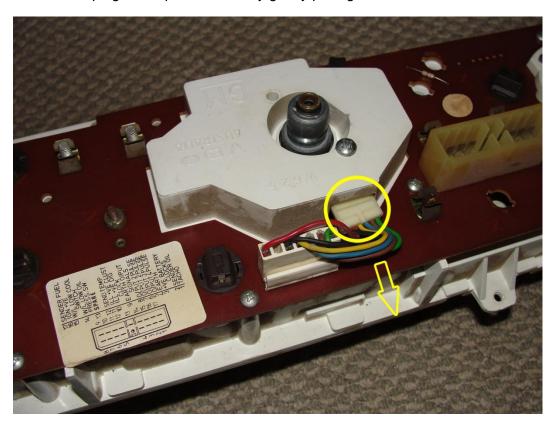
5. Lift up centre fascia panel and remove.



6. Gently pull up trip meter reset pin to remove.



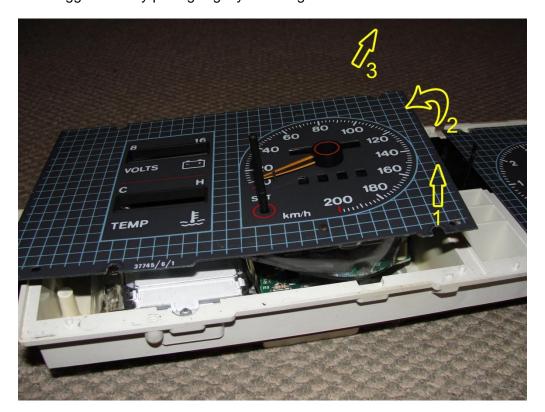
7. Remove plug from speed sensor by gently pulling.



8. Remove screw(s) from rear of speedometer. Some seem to only have 1 screw. Be careful as speedometer mechanism including its fascia may fall out.



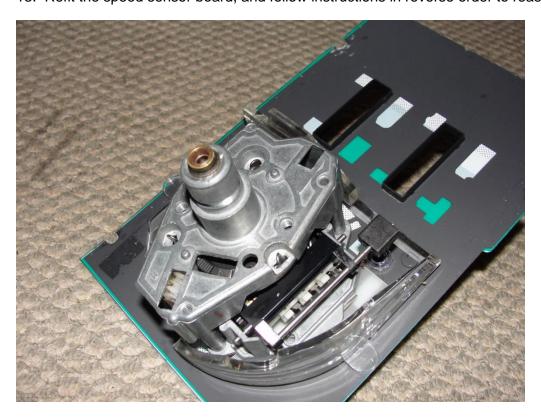
9. Gently remove speedometer with its fascia in one piece. Lift by the edges of the fascia. With the cluster face facing up, pull assembly up gently until the speed sensor gets caught, then turn slightly anti clockwise and wriggle it out by pulling slightly to the right.



10. Remove speed sensor board. Some have very small bolts, which can be removed using needle nose pliers, side cutters or a tiny spanner. Some have flat head screws which are removed using a screwdriver. Be very careful not to damage it!!



- 11. De-solder the old speed sensor from the board using a soldering iron and de-soldering wick. Be very careful to not overheat any of the components!
- 12. Solder on the new speed sensor MAKE SURE you fit it the correct way! DO NOT OVER HEAT IT!! There is a symbol with an arrow on the sensor to aid in fitting in the right way.
- 13. Refit the speed sensor board, and follow instructions in reverse order to reassemble instrument cluster.



12. Refit cluster and enjoy!