

## Polaris HUD Display Speedometer by Bruce Ibbotson

This is a very useful gadget called a Head UP Display speedometer. This small unit mounts on the dash in front of the steering wheel (facing upwards) and displays your speed on the windscreen in kph (accuracy 1 to 4 kph) so you do not have to drive your wavering old Smiths speedo and instead can look directly ahead and concentrate on driving the car.

Power is provided by a cigarette lighter power socket. You will need to fit one of these and wire it into the ignition switch circuit to enable the Polaris HUD to come on and go off with the ignition key. A film is provided to attach to the inside of the screen as an option. I have not needed to use this with polarised sun glasses as it works well without it, 30mm high white 7 segment display, the good thing is that the price is \$129-00 (a 3 point speeding ticket is \$220.00) so this is strongly recommended for use in classic cars with old and probably inaccurate mph speedos now that different tyres are usually fitted and/or a different diff ratio is being used.

I love this modification as I no longer have to refer to my centre console conversion table. (I have different diameter tyres and a different diff ratio in my car). The 'revenue sharks' have reduced the tolerance speed for 60 and below (used to be 10 kph) but I haven't found out what the tolerance is now. One outlet for these devices is Johnny Appleseed GPS, at 1311 Ipswich Road, ROCKLEA, near the right turn into Sherwood road, Ph # 3717 8555, with branches at Annerley and Zillmere and probably on the Gold Coast. Try [www.ja-gps.com.au](http://www.ja-gps.com.au) to find out.

### Mounting the "Polaris HUD" to your dash.

The unit comes with double sided sticky tape fitted to the mount. I used Black Velcro sew and stick so that I could detach the unit until I got the position correct. I attached the sew side to the existing double sided tape and the sticky side to a low grade thin double sided tape which was then stuck on to the vinyl top of the dash. This is so the dash will not be destroyed if the unit is removed. I had to remove and reposition the HUD unit many times before I got the position right and the 7 segment display horizontal and in line with the steering column appearing just above the bonnet. I find that with the brightness set at 7 (default value) and wearing polarised sun glasses that the secondary reflections are diminished and the display is ideal without fitting the supplied film to the windscreen (instructions say this is optional to suit the drivers requirements), you may like to try it.

Compared to the cost of a speedo rebuild or even a new speedo cable the cost of an HUD makes sense and speed monitoring is easy with no more mental calculations converting mph to kph in our ever speed zone changing society.