Clock Installation and Usage Tips

1. It is worth connecting the clock to check its operation before finally installing it in the car. If you connect it to its normal supply and earth the case you should hear it ticking (with my modification there is no longer any need to use the setting cable to start the clock). Please note that the ticking is often quieter when not installed in the car. Also, the tick is quieter for the first minute or so while the clock gets going so don't worry if you can't hear it immediately.

2. While the clock is out of the dash it is also good to check that the wiring is in good condition and properly fused (we recommend a 1A in line fuse).

3. If the clock does not run when installed in the car, please use a test lamp or voltmeter to check the wiring - if the clock was not working prior to the overhaul it is possible that the wiring is dead and that this has gone unnoticed.

4. Please remember to disconnect the battery before re-installing the clock in the car – it's all too easy to short out some wiring when reaching under the dash.

5. If the clock is installed in another gauge (e.g. a Tachometer or speedo) check that the earth connection is attached to that gauge otherwise the clock will not run - it's usually a ring terminal which attaches to the mounting bolts.

6. If the ticking is too loud when clock is installed in the car it may be that there is a rubber mounting gasket missing (does not apply to all vehicles).

7. These clocks have quite a lot of backlash in the hands; it can take a couple of minutes for the mechanism to 'catch up' and for the hands to start to move after you have set the time. The best way to avoid this problem is simply to set the hands a couple of minutes fast.

8. If the clock stops, check that the hands are not touching each other or touching against the face. In clocks mounted in the speedo or rev-counter it is easy to accidentally bend the hands when fitting the clock. If this does happen, then use a cocktail stick to gently bend the hands back into place (place one finger over the hands when doing this to avoid bending the hand too far).

9. We regulate clocks as accurately as possible on an electronic test rig, however, please bear in mind that these clocks have a mechanical movement and will be affected by changes in temperature and also by mounting position. If the clock needs adjustment in when installed in the car this can be done by using the regulating screw which will either be on the back of the clock on the bezel at the front. Turn the screw clockwise to make the clock run slower and anti-clockwise to make it run faster. The adjustment is very sensitive so turn the screw by

the smallest possible amount and then observe the effcet over several hours before making any further adjustments.

10. The circuit board installed in the clock is dual polarity and so the clock will work on both positive and negative earth vehicles.