

In order to maximise the superior performance of your HV2000, the following items are recommended:

1. Installing RedRoo Shocks to your vehicle is the same as installing any other shock absorber. If installing yourself, please follow the installation guide provided or have a registered mechanic fit for you.

PLEASE NOTE: RedRoo shocks are generally very difficult to extend and compress by hand. In most circumstances substantial leverage is required to move the shaft. Please enquire about our RedRoo workshop leverage tool, available at an additional cost.

2. The HV2000 has a Schrader valve that can be used to pressurise the side chamber. This side chamber is factory set to 50PSI with Nitrogen Gas. To adjust it you will need to use Nitrogen Gas and check via a pressure guage. RedRoo can supply a Schrader valve pressure guage as an extra.
3. The HV2000 is designed to be linked to your airbag suspension or your vehicles air supply. RedRoo recommend this installation type is performed by a registered installer. An installation guide has been included if you choose to install. Note that, incorrect installation may void your warranty.



**Schrader
Valve
Adjustment**

4. When connecting your HV2000 to an air supply or air bags you will need a 'Shock Air Connection Valve' which Redroo supply. You will need to remove the schrader valve shown above and fit the 'Shock Air Connection Valve'.

WARNING: *Ensure that you relieve the air pressure in the Schrader valve prior to replacing, as this valve is under pressure. If in doubt, please have this changed by a qualified installer.*

5. **Steer Shocks - Prime Mover**

We recommend steer shocks are linked to the vehicles air supply and regulated with an air guage fitted under the chassis. We recommend this is set to 50PSI and adjusted **ONLY** by a mechanic.

6. **Drive Shocks - Prime Mover**

We recommend drive shocks are linked to the vehicles air suspension, and therefore controlled by the fluctuations in the airbag pressures.

Please ensure that your vehicles ride height valves are calibrated and checked regularly. Out of calibration airbags will affect the shock performance.

7. **Trailer & other type shocks**

A vehicle with air suspension, we recommend that the shocks are linked to the air suspension and therefore controlled by the fluctuations in the airbag pressures.

Note that, after the warranty period as long as the shock body is not damaged, you will be able to service your shocks and they will be good as new.