



HV1000 SERIES

Monotube Shock Absorber

The HV1000 series is Red Roo's standard shock absorber and is suitable for a wide range of heavy vehicle applications. The HV1000 looks similar to other shocks on the market, however its pressurised chamber provides an extra dampening capability which sets it apart from the rest.

Exclusive Benefits

- Pressurised chamber included in main shock body.
- Designed with variable conditions in mind
- The 20mm diameter hardened shaft, ensuring a robust and long-life product.
- Clever patented valve design ensures zero aeration and superior oil flow.
- Dual compression and rebound adjustments:
 - Simple shim stacks (factory or workshop settings)
 - Air pressure chamber (manual adjustment)
- The Red Roo HV1000 is a serviceable shock absorber.

Applications

The HV1000 series is designed for use on prime movers, heavy trailer's, buses and motorhomes. When used in conjunction with an HV2000, you will achieve superior load management.

Feature Description	Technical Data	Standard / Optional
Piston Rod	Microcracked Hardened - 20mm	Standard
Piston Bore Diameter	57mm	Standard
Pressurised internal chamber with floating piston	1/4 Air Valve	Standard
Seal Type	Viton - 90Duro	Standard
Bushing	Polyurethane	Standard

20mm
microcracked
hardened shaft

robust
polyurethane
flexible bushes

Pressurised air
chamber



HV1000 SERIES