

Monroe GT Gas Reflex - the world's best in shock absorber technology

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Before Monroe GT Gas Reflex was developed, a traditional suspension set up was a compromise between a soft, comfortable ride and one that is firm and responsive.

Monroe's GT Gas Reflex eliminates the need for compromise. Using the latest in European-inspired design and Australian manufacturing innovation, it has taken shock absorber technology to the next level.

The secret lies in Reflex's Twin Disc Technology, a major innovation in design and engineering that creates a shock absorber that is faster, safer and smoother than ever before.

Exclusive Reflex Technology

The design of Monroe's GT Gas Reflex has a refined valving system which maintains excellent vehicle stability and handling whilst delivering a high level of comfort for all vehicle occupants. This has been achieved by the introduction of a valving refinement that is present in both compression and rebound.

In technical terms, the first disc set in the compression valve restricts oil flow at low piston rod speeds (e.g. highway lane change) resulting in a firm, stable manoeuvre at any vehicle speed.

At increased piston rod speeds (e.g. bumps or potholes) the first disc set instantaneously lifts where a second disc set then arrests vehicle motion maintaining vehicle stability. A high degree of comfort is thus achieved by this decoupling effect.

Similarly in rebound, the valving incorporates a newly designed disc stack with a tri-edged rebound disc. This disc restricts movement of the first valving stage, allowing a small degree of disc "blow-off" at three points on the disc. As piston rod velocities increase, the subsequent valving stages activate, cushioning harsh road inputs and controlling suspension movement.

The combination of the valving refinements in both compression and rebound result in a shock absorber that is able to deliver ride comfort in a unit with excellent handling attributes.

In trials conducted at proving grounds north of Adelaide, comparative tests were conducted on two Holden Commodores; one fitted with Monroe GT Gas Reflex, the other with the original factory equipment. The cars were put through numerous tests including a simulated emergency lane change manoeuvre to demonstrate comparative

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oversteering behaviour. The results of such comparisons can be seen on a DVD produced by Monroe – copies of which are free for the trade.

The Monroe GT Gas Reflex has a three-year, 60-thousand kilometre warranty. And there's the added security of knowing that it's still engineered and manufactured here in Australia.

For further information about Monroe GT Gas Reflex or to obtain a copy of the DVD, contact your local Tenneco state office on **NSW/ACT (02) 9756 3722, VIC/TAS (03) 9701 6011, SA/NT (08) 8392 3352, QLD (07) 3268 7800** or **WA (08) 9353 3039**.

Tenneco is the world's largest producer and marketer of ride control and exhausts systems and products. Tenneco manufactures products under the Monroe, Walker and Lukey brands at its facilities in Clovelly Park and O'Sullivan's Beach, Adelaide.