



All makes & Models - Road & Trail
Agricultural & 4 Wheeler Specialist

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What is a Gold Valve?

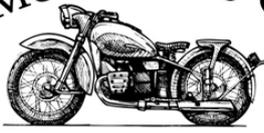
Race Tech Gold Valves have been around now for quite some time. They claim to dramatically improve the handling of a motorcycle far beyond its normal capabilities. How is this so? There are three forces that are dealt with in suspension tuning. Friction, spring forces and damping forces. Friction is easy- get rid of it. That only leaves springs and damping. Springs should be correctly matched to the rider's weight and application to achieve the best result. This is critical! Damping will then control the rate of compression and rebound of the suspension. This is achieved by managing oil flow within the compression and rebound valves where it is then slowed down by a flexible shimstack and damping is created. You can alter the shimstack to achieve different effects. This is known as revalving. The problem is, the standard valves themselves are often very restricted and dramatically hinder the oil flow when a large demand is created. Because oil will not compress when it meets such a restriction we experience harshness. This is particularly noticeable on square edged bumps such as braking bumps, acceleration bumps, rocks and roots.

Race Tech Gold Valves offer maximum oil flow to achieve a plusher more controlled ride. Negating the influence of the valve and placing all the influence on the shimstack where it can be more accurately tuned over a wider range to suit the riders needs does this. The difference is astonishing and a far better alternative to revalving the standard components.

There is a wide range of valves available to suit almost every application. **Gold Valves would have to be one of the best modifications you could make to your bike.**

The Motorcycle Clinic uses and recommends Gold Valves and can supply and fit the required parts to your bikes suspension.

The Motorcycle Clinic



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