

# Shock Treatment Technical Insight

After 21 years in the suspension industry, Terry Hay from Shock Treatment is keen to share its answers with anyone who has a similar passion.

For many years I have heard how suspension was a kind of “Black Art” .....something Mystical almost...

I guess if people surround the subject in mystery it makes it easier to hide the answers.

In reality however, nothing could be further from the truth.

Suspension components along with everything else in this world are subject to the laws of physics. Simple Hydraulic Law, Thermal Dynamics, Friction etc.

By applying these laws to the subject of suspension, not only will the answers become clear but they will be easier to understand.

Our seminars will provide an opportunity for those who are keen to learn.

**Our first seminar “Technical Insight” will cover suspension design and its evolution.**

Component Function

Apparent Forces

Methods of Tune and Influence

Tyre characteristics

Geometry and its effects

**Our second course “Hands On” is just that....you will get dirty**

Participants are invited to bring along their own suspension components to the course where they will disassemble, service and modify if desired. The components will be studied and discussed, then reassembled and prepped for installation. This is all done in small groups under the watchful eye of an instructor. Guidance and advice will be constant along with valuable “Tips of the Trade”.

Our aim is to direct you to the best possible outcome and avoid any unwanted “Pit Falls” along the way.

This course all but pays for itself.

**Our “Advanced” course delves deeper into suspension design as well as tuning possibilities.**

This course is designed to promote more effective “System Analysis” along with greater tuning possibilities – outcomes.

It’s one thing to know “What to do”. It’s another thing to know “Why you are doing it”.

Special attention will be paid to testing....both on the dyno and the track –explaining the true value of both.

There is no other area of Motorcycle Development that yields greater gains than suspension modification.

## **Greater Safety Greater Comfort Greater Riding Enjoyment**

The Seminars will be held at Shock Treatment in Wallacia.

They will run from 9am – 4.30 pm each day although I would suggest arriving at 8.30am on Saturday the 4<sup>th</sup>.

Most people stay in Penrith which is 20mins from here.

Any questions please feel free to phone Ph: 02 4773 9115