

## Scruteneering Tips

### Chain tension

Proper chain tension is important to your machines performance. A slack chain will cause your bike to snatch as you accelerate and decelerate thus losing you grip. A tight chain will lose you power and cause excess sprocket wear and can snap or damage your gearbox. The tensioner will not have any effect if it hard up against the swinging-arm. A 10mm gap (about a finger thickness) between the tensioner and the swinging arm is about right for modern trials bikes (Check your manual for details)



### Steering bearings



Over tight steering bearings make your bike hard to steer or keep the wheel in a straight line. Slack steering bearings cause problems with braking as it allows the wheel movement to be transferred to fork movement. The front wheel will now lock whilst the forks move backwards. When the forks cannot move back any further the movement is transferred to the now locked wheel, which will skid. With the front wheel off the ground, hold the handlebar between finger and thumb then swing the steering **VERY SLOWLY** from the full left to right lock and back again. If you feel roughness or tight spots you need to adjust or replace the bearings. Then place you finger or thumb on the top of your frame (See Photo) push the bike forward and apply the front brake hard, if you feel any movement between yoke and frame the bearings need to be tightened.

### Gas Gas Gear Levers



To help prevent internal damage to the gear selector, drill a 4mm hole (See photo) in the gear lever. If the lever is forced hard on a rock or log the weakened gear lever breaks before the internal linkage.