

⑩ Adjusting Gears

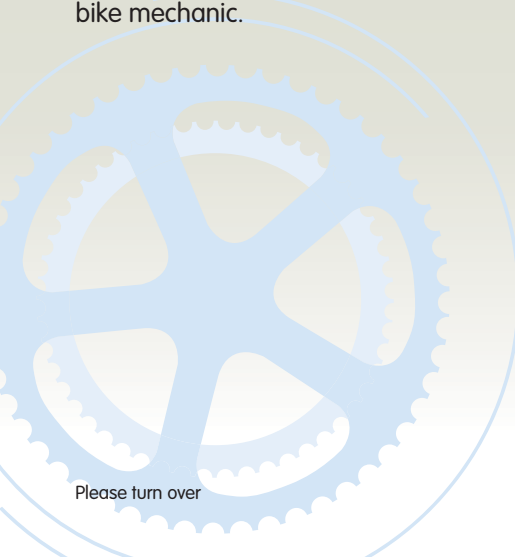
Adjusting Rear Gears

There are many factors that can affect the performance of your bikes gears, dirty/worn chain, damaged/old cables, damaged old rear derailleur (Mech), worn/dirty jockey wheels, damaged/old gear shifter.

If any of the above are a factor, then your gears are never going to shift properly, however gears can sometimes simply require a slight tune up to get them working again. Before you tackle this, always clean your drivechain and gears first (see Cleaning card), any adjustments will now be far easier and accurate.

There are many adjustments you can make on a rear derailleur, overleaf we are going to explain the easiest and simplest.

If your gears still aren't shifting correctly, contact a qualified bike mechanic.



Please turn over

Adjusting Gears

Adjusting Rear Gears



Select gear

Using your right hand shifter, put your chain in the smallest cog on the back wheel/hardest gear/largest number on the shifter.



Set Barrel Adjuster

Wind barrel adjuster, either at rear derailleur or shifter, fully in then one turn out.



Set Cable Tension

Depending on the clamp, use either the correct sized spanner or allen key to loosen off the clamp, a few slight turns should do this. Using pliers, pull the cable, whilst holding the cable tight, tighten up the nut/bolt again and release grip on pliers.



Check Gears

With the rear wheel off the floor, slowly shift up a gear, going up from the smallest cog. If the chain doesn't shift perfectly onto the next cog up, wind the barrel adjuster in a fraction of a turn until the chain shifts. Go through each gear in turn, both up and down the cogs, repeating the tuning process until each gear selects correctly.