
PDI

1. ***Starting at the rear of the bike, work your way to the front on both sides checking that all nuts, bolts and screws are tight. Don't assume that because it is new from the factory that everything will be tight. A drop of thread compound (non-permanent type) is advised on the threads of the brake calliper bolts, front sprocket drive bolt and motor mounting bolts.***

- ***Rear wheel axle nut***
- ***Rear wheel spokes***
- ***Chain adjuster lock nut***
- ***Rear shock bolt and nut at top and bottom of shock***
- ***Swing arm nut pivot bolt nut***
- ***Rear brake caliper bolts***
- ***Rear brake disc bolts***
- ***Rear sprocket bolts***
- ***Chainguard bolts and chain roller bolt***
- ***Rear subframe bolts (where applicable)***
- ***Motor mounting bolt nuts***
- ***Front drive sprocket bolt***
- ***Footrest bracket bolts (where applicable)***
- ***Rear brake pedal bolt***
- ***Side stand bolt nut***
- ***Handlebar bolts***
- ***Tighten head set bearing making sure to eliminate all freeplay***
- ***Front fork pinch bolts***
- ***Front mudguard bolts***
- ***Steering head bolt***
- ***Front wheel axle nut***
- ***Front wheel spokes***
- ***Front wheel axle clamp bolts (where fitted)***
- ***Front brake caliper bolts***
- ***Front brake disc bolts***

2. Checking the settings

2.1 Chain tension

With the bike's rear wheel off the ground rotate the wheel and check the run of the chain. The chain should be evenly aligned on both sprockets if the bike's wheels are in-line. It should also run over the top of the chain roller and must not touch the chainguard or any other component. Check the chain

freeplay with a ruler. It should have about 15 mm of slack up and down from the mid-position (that's a total of 30mm slack). Adjust if necessary.

2.2 Wheels

Check all spokes on the wheels are correctly tightened and the wheels are true, working from the valve round all spokes must be correctly tightened.

Check the tyre pressures, setting them to 26psi. For off road use the pressure can be anywhere between 20-30psi according to personal preference.

2.3 Brakes

Check that both brakes are capable of locking the wheels when fully applied and that they free off fully when released.

2.4 Suspension

While standing alongside the bike, apply pressure on the handlebars and push on the handlebars to compress the forks, checking to see if they run smoothly without any binding

Compress the rear suspension several times. It should move up-and-down freely without binding.

2.5 Battery

Always use the correct lithium charger provided, using the incorrect charger will damage the battery and void your warranty.

For prolonged life and to avoid damaging the battery, it is recommended that the battery is fully charged at least once every three months.