

# TECH TIP

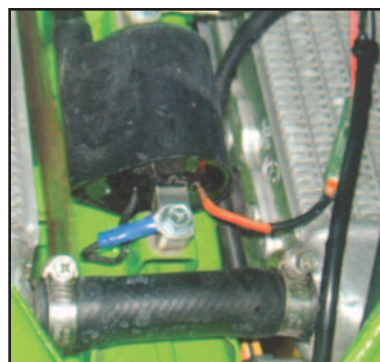
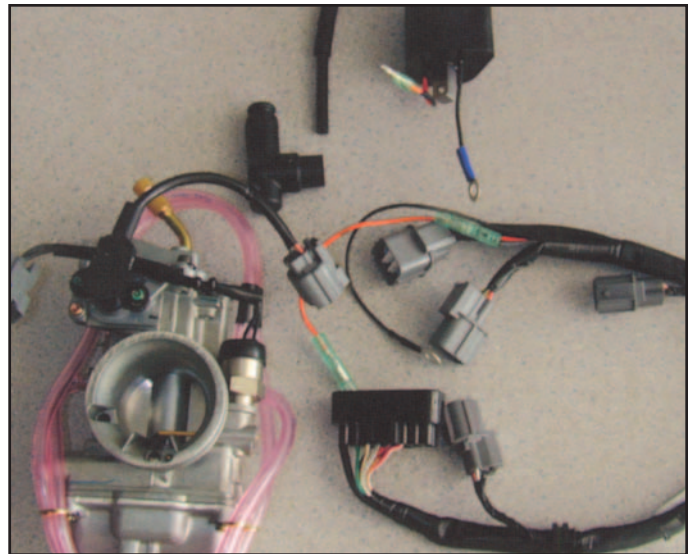
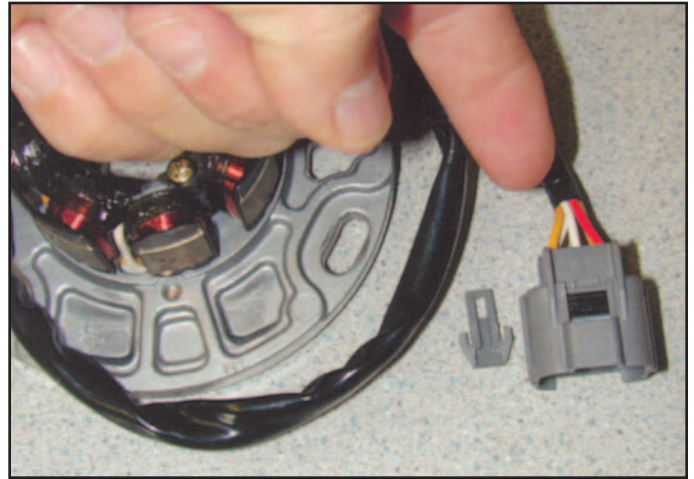
## Maintaining Your Electrical System



Maintaining your motorcycle can be a time-consuming task depending on how much you ride and the conditions in which you ride. Over the years we have given you tips on just about everything from airboxes to tires, however one thing that may be getting overlooked is your motorcycle's electronics. If left unattended or neglected this will pose a problem for you somewhere down the line. As the technology level increases in our bikes, so does the amount of electronics.

Sometimes an unexplained rich, lean or misfire condition can simply be caused by improper electrical connections. So the next time you're washing your bike from the big ride or prepping it for the next big race, please remember these tips that could help you avoid a problem down the road.

- 1 Make sure you are running the correct spark plug.
- 2 Tighten the tip of the spark plug if applicable.
- 3 Check the condition of your plug cap. It must snap down on the plug for a tight, correct fit.
- 4 Check for exposed wires or damaged coatings.
- 5 Remove the ignition cover after washing to make sure there is no water or dirt inside.
- 6 Do not over tighten your ignition cover as it is easy to distort the edges and cause leaky gasket areas.
- 7 Do not assume all connectors are watertight. Pull apart all connectors to clean out the dirt and reassemble with dielectric grease.
- 8 Never let your black box or carburetor hang by the electrical wires.
- 9 Make sure all wiring is isolated and will not rub on anything that will cause damage. This can include the tank, seat, airbox and side panels.
- 10 Tape wire looms to frame; zip ties can be also used, but be careful not to over tighten.



*Make sure all electrical connections are free from dust and water by using Dielectric Grease during reassembly.*

*Also, be sure all wiring is secured to your bike to prevent being snagged and damaged by brush.*