

# Latest tech Tips

for DRR Racers

## GNCC Tips

Recently we heard of extra pit stops on the GNCC racing circuit the kids race for 45 minutes and the parents are having them make a pitstop during the race there is a new way to avoid this being tested:

- **Solution use the oil injection tank as a reserve:** Gary had this great idea and we tested the flow this past weekend and it worked!
- **Caution you are playing with fuel!** The location of the oil tank is much closer to the exhaust so we shielded ours.

**Note:** This is in the testing phase and failure to make corrections could cause a gasoline fire and or explosion!

✓ Disconnect your oil light

The first thing you want to do is unplug the oil level light in the tank:

- Open the top vent up a little for our test we threaded in a barbed fitting and vented it up front.
- We used a T fitting in front of the fuel filter and this crazy one way valve we bought off of Ebay.
- Attached the one way valve off the line from the oil tank so the fuel will not flow back into the tank **very important or the pressure from the tank will push fuel up thru the cap on to the exhaust.**

✓ Open up the vent on the caps a little more

The results

- **Extra fuel:** no refueling while the engine is hot forget about gas pouring all over the place.
- **One way positive flow to the carb:** the one way vent eliminates back flow to the lower tank.
- **Peace of mind: imagine not having to worry:** if your kid will have enough fuel to finish the race.
- **Still remain stock :**This is not an add on or an up charge it simply makes use of an already existing stock part so there's no up charge no expensive tank to buy it comes stock on all DRX models.

✓ Wrap the tank with heat shield

The most important part is keeping the heat away from the tank. It is lower and closer to the exhaust so it is important to isolate the tank. Make sure it is insulated and there is no chance of leaks. Remember this is gasoline and when you make changes to anything involving fuel it is dangerous and can cause fire and explosion!