

## 265 National tips and guidelines

### Supplies

- Three Bond 1211
- Maxima Castor 927
- 5W30 motor oil
- Water Wetter
- Marvel mystery oil
- WD-40
- Hi-temp silicone
- Race gas 110 octane and above
- Two 5 gallon fuel cans

### Fuel mixture

- Mix what you are going to use that day, 1-3 gallons max.
- Mix in 5 ounces of Maxima Castor 927 for each gallon of fuel
- Shake it vigorously

### Cooling

- Mix straight water with water wetter per the directions for maximum cooling.
- We find that the stock radiator is insufficient and are working on getting a better radiator.
- Be sure to direct all of the air through the radiator. If you need an idea on how to do that, take a look at Shane Hitt's quad.

### Exhaust

- If you have a bare pipe, WD-40 should be used often. When it gets rusted a scotch brite pad and some elbow grease gets it looking good again.
- Use a small bead of hi-temp silicone to assemble the front and rear section of the header.
- Depending on the snugness of the silencer fit into the exhaust, you may need to use a little hi-temp silicone there too.
- To repack your silencer drill out the front rivets and slide the core out.
- Be certain that your exhaust springs are nice tight.
- The stock Honda exhaust rings (asbestos and metal) work great for sealing the exhaust, we recommend using them.

### Intake

- We run a K&N filter with an oiled Sparks foam wrap around it. We never run a K&N without that Sparks foam wrap.

- Use the 5W30 to oil your filter. Saturate it with the oil and squeeze out any excess oil.
- Air likes to left alone, consider this when you do anything other than the stock air boot.
- Reeds wear out. When reeds wear out, you lose hp. Check them every race and replace them if there is any question. We replace Shane's every race.
- There is one correct way that your reed assembly goes together and several incorrect ways. When we send it to you, it is correct, make note of it.

### Jetting

- Your PWK came with a 50 pilot, 185 main, a CEL needle and one turn out on the air screw. The 185 is just a good starting point. The main will fluctuate depending on conditions, 170-180 is normal.
- Heat and humidity cause your motor to become richer. Cold dry air makes your motor run leaner.
- If you're not sure, ask.

### Cables

- Marvel mystery oil works great at keeping them working smoothly

### Electrical

- We run a B9EGV.
- The electrical system should be grounded properly.
- It is a good idea to keep an extra stator around.
- To keep that stator as a spare as long as possible, be sure to pull your dyno cover often and check for dirt and water.

### Clutch and transmission

- 5W30 motor oil is what we run in our transmissions. No special brand, just whatever you get will work just fine.
- Stock clutches are the best.
- Hinson clutch components are the best.
- We use stock clutch springs most often. On occasion we recommend heavy-duty clutch springs. CR 500 clutch are softer, not stiffer. Don't use them.
- If you are having a problem with your set up, just ask what might improve your set up.
- Keep an extra set of clutches around, you will need them.

### Top end maintenance

- As a rule, inspect your top end every race and freshen it up every four races.

- The best way to freshen up your top end is to take off your cylinder, head, reeds, and piston and put them in a box. Call and let us know it is coming and send it. You know without a doubt that your top end will be right.
- Please don't let anyone else bore your cylinder, we see many bad bore jobs and you have a precious bores until your cylinder becomes a practice cylinder or worse yet, a paper weight.
- If you need it yesterday, let us know. We will get it back right away.
- A small bead (pencil tip size) of 1211 on the gaskets works great when assembling your top end.
- Stock Honda gaskets are the best. It is what we use and sell.
- Please don't use serrated nuts on your motor.
- To break in your motor, ride it. Don't hammer it for about one tank of gas. Running the motor in front a fan doesn't count for break in time.
- I am sure there are more things that will be added to this list, so if you aren't sure about something, just ask.