

2020 APENDIX ROK GP

1. Fuel System:

- a. All fuel system components must be utilized as supplied.
- b. No additional components are permitted.
- c. Any fuel filter, if utilized, must be placed between the fuel tank and the original fuel pump.
- d. Vent tubes are optional, but fittings must remain in carburetor.
- e. Fuel Pump must be mounted to the engine.
- f. A plastic "Y" can be installed in the fuel line between the fuel pump and fuel inlet to the carburetor to facilitate the installation of a return line to the fuel tank. The "Y" must have the same inside diameters for all 3connections.

2. Carburetor:

- a. Dell'Orto VSH 30
- b. The only allowed changes to the Dell'Orto VSH 30 carburetor are main jet and needle clip position. Any other change or modification is not allowed.
- c. Carburetor airbox clamps must be used as supplied.
- d. All original parts must be in the carburetor and remain stock.
- e. All jets must be original Dell'Ortojets.
- f. Stamped numbers on parts DO NOT guarantee the accuracy of the part. All parts MUST be within MINIMUM and MAXIMUM tolerance checked by gauges.
- g. Standard Dell'Orto VSH 30 SetUp:
 - i. ---Slide: #40
 - ii. ---Needle: K33
 - iii. ---Outer pilot: #60
 - iv. ---Inner pilot: CD1 (B45 also allowed).
 - v. ---Emulsion tube: DP268

vi. ---Floats: 4gm

vii. ---Maximum venturi size: 30mm

3. Air box

a. Foam air filter insert is optional.

b. Air box must not contain any additional holes.

c. No external form of air ducts forcing air inside of air box is permitted.

d. Air box must be secured completely after each track event otherwise last place position is given.

e. Plastic protection under rain conditions is allowed.

4. Cylinder Head CC. Volume:

a. Assembled 9.90 with LAD tool using Marvel Mystery Oil.

b. Assembled 9.50cc with the CIK tool using 50% oil and 50%fuel.

5. Coil:

a. Must be mounted as supplied.

b. Must be mounted to the engine.

c. Must use coil wire as supplied.

6. Wiring Harness:

a. Must use all components as supplied.

b. No additional components are permitted.

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c. Must use original buttons.

d. If any wire is damaged or cut, wire coupling cannot be used to repair cut wire area only.

e. Replacing the ends of the harness is acceptable with similar part. Ends must be crimped, not soldered.

7. Battery:

- a. Battery must be Lead Acid type.
- b. Battery must fit inside supplied battery box.
- c. Battery box must be attached to the frame.
- d. A secondary battery is allowed to power data systems only. Mychron, Unipro, Alfano, etc

8. Spark plug:

- a. Only the following plugs allowed:
 - i. NGK B8EG, NGK B9EG, NGK B10EG
 - ii. Must be original and no modification is allowed.
- b. Spark plug washer or head temperature gauge sender must be in place.
- c. Spark Plug Cap must be as supplied.

9. Exhaust Pipe:

- a. No treatment of any kind.
- b. No sand blasting is allowed.
- c. No form of thermo wrapping is allowed.
- d. Internal dimensions may not be altered because of rust.
- e. No modifications to silencer endcap.
- f. No major likings.
- g. Exhaust temperature sensor:
 - i. One exhaust temperature sensor is allowed.
 - ii. One hole only can be drilled on the exhaust pipe for sensor.
 - iii. No specific location is required for the exhaust temperature sensor.
 - iv. Any hole not being used must be completely plugged if exhaust sensor is not being used.

10. Exhaust header:

- a. Restrictor as per Homologation File.

i. JUNIOR ROK

ii. SENIOR/MASTER ROK

b. Restrictor headers cannot be cracked or leaking.

c. A go---no go gauge will be used to control restrictor headers. It is allowed to clean the restrictor headers with sand paper or fuel.

11. Clutch:

a. Clutch components MUST not contain significant amounts of any kind of oil or grease.

12. Ignition Timing:

a. Standard (3 mm.) +/- 1 mm.

13. Treatment:

a. No treatments or paint may be done to any parts including engine and exhaust components.

b. Inspectors are allowed to paint any engine component for technical purpose.

c. Only decals as supplied with engines are allowed. No other kind of decals are allowed.

14. External Modifications:

a. Any modification clearly not called out inside this document is not to be taken as legally acceptable.

15. Radiator:

a. Must be original as supplied.

i. Minor welding is allowed to cover up small holes.

ii. Additional metal mounting brackets may be used to secure Radiator.

b. Water hoses:

16. Chassis

i. Must be original as supplied.

ii. It is not mandatory to use thermostat but if used must be OTK W866.

iii. If not using thermostat, only allowed split is for a water temperature sensor.

- iv. No form of heat exchange is allowed on the water hoses.
- v. No form of water heater or engine heater is allowed.
- vi. No Glucose based fluids are allowed.
- a. ONLY chassis homologated by CIK/FIA are accepted.
- b. Bodyworks, and rear bumper homologated by CIK/FIA are mandatory.
- c. Brake system homologated by CIK/FIA is mandatory.
- d. No more than 3 (three) spacers between the steering wheel and steering wheel hub. NO washers allowed.

17. Tires

- a. It is acceptable to relocate tires from side to side provided that the rotational arrows on the tires are in the correct rotational direction.

18. Water Pump

- a. ONLY one water pump may be used, either the original internal one or an external one.
- b. In case of use of external water pump, a special Vortex designed cap for the internal one MUST be used as per Homologation file.
- c. In case of use of external water pump, all gears inside the crankcase MUST be keep it in the standard place and use except for part #W2005/2ROK.
- d. External water pump MUST be located on the traverse tube of the chassis under the seat.
- e. The water pump must be belt---driven by the axle, and may not be electrically powered in any way, shape, or form.

19. Reeds

- a. ONLY Vortex supplied reeds allowed. NO AFTERMARKET REEDS ARE ALLOWED