

2020 APENDIX MINI ROK

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.

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- 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 PHBG 18 BS
- b. The only allowed changes to the Dell’Orto PHBG 18 BS 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 PHBG 18 BS Set Up

---Slide: #40

---Needle: W23

---Outer pilot: #60

---Inner pilot: #50

---Emulsion tube: 266AN

---Floats: 4gm

---Maximum venturi size: 18mm.

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 7.2 with LAD tool using Marvel Mystery Oil.
- b. Assembled 6.80cc 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.
- 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

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- 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. MINI---ROK

ii. MICRO---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 (3mm.) +/- 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.