



5/17/18

KA100 Supplemental Rules

- Items may always be compared to known stock parts to insure compliance.
- Bearings, seals, O-rings, and gaskets may be replaced with equivalent from aftermarket suppliers. No ceramic or exotic bearing material allowed.
- Changing cylinder base gasket thickness to adjust port timing duration is allowed. Thickness is non-tech.
- Changing copper head gasket thickness to adjust squish is allowed. Thickness is non-tech. **Head gasket is optional.**
- Minimum squish is .041" with .0625" (1/16" 50/50) solder.
- Minimum exhaust timing with LAD tool = 1.420" (visible light check = 1.295")
- Minimum ignition timing = .080"
- Maximum ignition timing = .106"
- OEM IAME fiberglass reeds marked "IAME". Fiberglass reeds P/N X3011840 are the only reeds allowed with minimum thickness of .011".
- External modifications: No external modifications of any type including air scoops or heat retaining additions.
- Fuel system: No additional components are permitted. Any fuel filter, if utilized, must be placed between the fuel tank and the carburetor.
- Carburetor: Tillotson HW33A as supplied per the PDF specifications.
- Exhaust: Per PDF specs. Excess leaking at manifold or joint is grounds for disqualification.
- NGK B10EG, NGK BR10EG, NGK R6252K-105 & NGK 6254-105 are the only spark plugs allowed. Plug must be stock and unmodified. May be compared to know stock plug to determine any modification. **Must have stock washer, indexing washer or CHT lead in place. Maximum length 18.5mm including washer or lead.**
- IAME air box P/N IAG-90000 is the only air box allowed. IAME air filter P/N 10751-A must be utilized except in declared wet conditions where not running a filter is allowed.
- Clutch: Clutch test RPM is maximum of 6000 RPM. Clutch components must not contain any significant amounts of grease or oil.

For any questions or concerns regarding this bulletin, please contact:

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