

American Flat Track 2022 Technical Allowances and Limitations

Updated: 12/22/2021

A model may be issued mandatory Technical Changes at the discretion of AMA Pro Racing. In either case, the machine must continue to compete as such until the rules are changed, in writing, by AMA Pro Racing.

Technical Allowances:

Harley Davidson 750 V-Twin, XG750R, XG750R Revolution X

- Vance & Hines Part Number 38-1200, XG750R Top End Kit ([approved for use in AFT SuperTwins Only](#))

Indian FTR750 V-Twin, Race-Only Engine

- Suter Industries Part Number 004-75002-0, FTR750 BTL Clutch Assembly contains approved Clutch Basket as replacement for standard Indian Part Number 5141692 (* Standard Clutch Basket)

Royal Enfield 650 – Twin

- Royal Enfield 650 Twin, Cylinder and Throttle body induction kit.

Technical Limitations:

Indian FTR750 V-Twin, Race-Only Engine

The following components must remain as originally produced. Parts cannot be modified, updated or superseded without pre-approval from AMA Pro Racing:

- Indian flywheel (p.n. 1205794) must be fitted to all FTR750 machines with any weight ring and associated mounting bolts removed. The base flywheel cannot be modified in any way. No additional mass may be added or removed. Dimensions and weight must remain as approved.
- The standard crankshaft assembly (p.n. 3023550) must remain as produced and approved. Material, dimensions and weight of the crank assembly and associated components cannot be changed.
- Clutch Basket* (p.n. 5141692), Clutch Primary Gear (p.n. 6231084) and Clutch Spring Retainer Ring (p.n. 7044952) must remain as produced, approved and unmodified.
- Rotor-Generator, ST98, (p.n. 4017282) must remain as produced and approved.
- **All Race-Only Engines limited to maximum R.P.M. of 11,500. Model specific requirements will be posted via technical Bulletin.**
- **Race-only engines will be required to utilize AMA Pro Racing issued intake restrictors with a circular I.D. of 34mm. Issued restrictors or their location cannot be modified in any way. Model specific information will be posted via Technical Bulletin to illustrate restrictor dimensions, location and any additional requirements.**
- **Rear-Wheel Maximum Weight: 28 lbs. (Rim & Tire Only - See inspection method below)**
 - **Rim and tire only will be weighed. Rear wheels will be weighed after removing the rear rotor, sprocket, rotor and sprocket nuts and axle spacers. The maximum diameter of the rear rotor is 11 inches. Rear brake rotors must be designed to mount to the central hub. Perimeter or rim mounted rotors are not permitted. The rear braking system must be designed and function solely as a rear brake. AMA Pro Racing will make final determination if the rear brake design and function meets these criteria.**