



ABERAMAN MCC CB500/600 BANDIT Technical Regulations 2020

Eligible Machines

Honda CB500
Suzuki 600 Bandit

Engine

This must be as original. Any additional removal of material is forbidden. Any engine modification is forbidden. Except for drilling to enable lock wiring.

An oil containment tray to ACU regulations must be securely fitted under the engine. Items designed for racing are strongly recommended and are available from several bodywork suppliers.

Ignition timing must remain as standard.

Standard or aftermarket cylinder head gaskets may be used. The head gasket as supplied may not be modified in any way.

Fuel

Only unleaded fuel, available from a roadside service station to current ACU regulations.

E85 bio-fuel is also acceptable from roadside outlets.

Octane boosters and/or fuel additives are not permitted.

Final Drive

Sprockets may be changed from standard to aftermarket replacements.

The pitch of the chain and must remain as standard.

The rear sprocket on each machine may be changed.

O' ring and non 'O' ring chains are permitted.

Bodywork and Screen

The appearance and dimensions must be as homologated.

Single seat units or seat covers may be fitted to facilitate the use of race numbers, but must retain the original silhouette of the bike. Seat units specifically designed for racing are strongly recommended and are available from bodywork suppliers

Any fairing is forbidden.

The seat may be altered or replaced but any replacement seat must retain the original seat profile.

Engine protector pads may be fitted, but must be secured with lock wire or bolts (adhesive alone is not acceptable).

A front number plate/board must be fitted (Maximum W260mm H230mm) and no aerodynamic advantage should be gained. Front number boards designed specifically for racing are strongly recommended and are available from bodywork suppliers.

The top of the front number plate/board must be mounted so that the top of the plate/board is no higher than the top of the front master cylinder.

Radiator cowls/side panels must remain 'securely' fitted to the machine.

Tyres

Treaded or Slick tyres are permitted.

Any tyre must be fitted in the correct direction of travel.

Silencers and Exhaust Systems

The silencers may be changed.

The exhaust may exit on either side of the machine, or under the seat unit. The noise output must be within the 105db limit at all times, including post race controls.

Frame/Swingarm

No alterations to the chassis/frame are allowed unless specified in these regulations.

Frame braising or strengthening is forbidden.

Additional frame bracing is forbidden.

The side stand lug may be removed for safety reasons (ground clearance).

The standard swingarm must be used and remain unaltered.

Unused lugs may be removed from the frame & swing arm, but the subframe must otherwise remain complete.

Suspension

Front Forks must remain as homologated by the manufacturer.

Front Fork springs may be changed for aftermarket items, No other modifications to the fork internals are permitted other than the spacers and or washers as fitted to any of the 3 original fork types.

Front Forks may be positioned in the yokes at any height.

Any quantity or type of fork oil may be used.

Rear Suspension Units must remain as homologated

Safety Wiring

All drain plugs, external oil filters and bolts that enter any oil cavity must be safety wired.

Engine protection covers must be safety wired.

Brakes

The choice of brake pads is free

Brake callipers must remain standard.

Brake hoses may be changed.

Original disks, solid replacement items & floating type aftermarket discs, to the homologated sizes, may be used (this includes Wave type discs in the standard size).

Brake lever guards must be fitted.

Throttle

Throttle control must be self-closing.

Quick action throttles, both complete systems and modifications to the original assembly are permitted.

Wheels

Wheels must remain as standard and with original rim sizes and bearing sizes.

Either drum or disc brake rear wheels from the original models may be used.

Provided the original wheel bearing sizes are retained, captive spacers may be utilised to assist wheel changes. Changes requiring alternate bearing sizes are not permitted.

Spindle (ends only) may be modified to prevent damage, retaining original materials.

Number Plates

Must conform to ACU regulations.

Number plates must be fitted to the front and both sides of the machine.

All number plates will have a Yellow background with Black numbers.

Footrests / Foot Controls

Original footrests are allowed with riser plates to aid ground clearance.

On original footrests the rear pillion brackets must be removed.

On all makes and models race style rear sets may be fitted.

Standard or race shift linkages may be utilised.

Quick shifters of any type are not permitted.

Chain Protector

A shark fin type chain guard must be fitted as per the ACU regulations to the underside of the swingarm on the drive chain side of the machine.

Wiring Harness

Original equipment wiring harness may be modified or replaced.

For neatness & safety redundant & excess wiring should be secured in such away it causes no restriction to machine function (i.e. fork/yoke movement and steering).

Kill Switch

Motorcycles must be equipped with a functional ignition kill switch or button mounted on either the right or left hand side of the handlebars (within reach of the hand while on the hand grips) that is capable of killing the ignition to fully stop a running engine.

Cooling System

Must remain as homologated except the thermostat may be removed.

Only water is to be used in the cooling system (no anti-freeze is permitted as per ACU handbook).
The cooling fan may be removed complete with electrical connections.

Speedo/Rev Counter

The original speedo and rev counter assembly can be removed, retained or modified.

The use of aftermarket rev counters and shift lights is permitted.

Handlebars

Both standard and suitable aftermarket handlebars may be used

Bar ends must be fitted to the handlebars.

The handlebar ends must not drop lower than the centre line of the handlebar mounting points.

Flat handlebars with no lift are permitted.

Items That Must Be removed

Side and centre stands

Rear view mirrors

Traffic indicators

Front Lights

Rear Lights

Light fittings and left hand switch gear

Horn

Registration plate support

Pillion support bars

Stand handles

Internal gear of the mileage indicator (where applicable)