



# 2019

**STANDARD SUPPLEMENTARY  
REGULATIONS**

**NATIONAL DRAG RACING  
MOTORCYCLES**

# MOTORCYCLES

National Motorcycle Drag Racing will consist of (2) five categories as listed below.

**SS: Supersport Shootout**

(Minimum 10 Competitors for National Status and 6 competitors for Regional Status)

**SB: Superbike Elimination (Bracket Class)**

(Minimum 10 Competitors for National Status and 6 for Regional Status)

Age limits for classes:

SS	minimum age of 16 years
SB	minimum age of 13 years

The primary objective is to become the overall winner in the class. A series of two-bike, tournament style eliminations is conducted. The losing motorcycle in each race is eliminated, and the winning rider progresses into succeeding rounds of the competition. The series of races continues until one winning rider remains. That rider is declared the class winner. SS, PST and Top Bike will run heads up. SB and Quads will run on a handicap bracket racing system. Environmental mats are compulsory as per the environmental code in the GCR handbook.

## GENERAL RULES

1. **BATTERIES**  
Must be securely mounted.
2. **BREATHERS**  
OEM or additional oil breather may be fitted.
3. **CHAINGUARD**  
Full length chain guards are mandatory.
4. **CLOTHING**  
All riders will wear a full face helmet with visor that meets SABS specification. All riders will wear a full leather race suit, one piece or two piece, full leather gloves and leather boots which have ankle protection.
5. **ENGINE**  
Nitrous Oxide may not be used in conjunction with any turbocharged or supercharged entrants.
6. **FUELSHUTOFFVALVES**  
All motorcycles will have an electrical or mechanical fuel shut off system subject to "TC" approval.
7. **HANDLEBARS**  
Must be OEM or a registered aftermarket substitute.
8. **IGNITION**  
Positive kill switch must be fitted on the handlebars.
9. **LIGHTS**  
All motorcycles must have functional front and rear lights and must be clearly visible.
10. **MIRRORS**  
May be removed.
11. **MUDGUARDS**  
Front mudguards must be fitted. Rear mudguards may be removed.
12. **STEERINGSTOPS**  
Minimum of 5 mm between thumb and tank at full lock.
13. **THROTTLE**  
Must be spring loaded to the closing position. No overrides are permitted.

**14 TYRES**

Minimum of 1mm tread depth at the commencement of the race meeting.

**OTHER**

**15. NUMBERBOARDS**

The number board must be placed on the swing arm on both sides of the motorcycle. The letter size must be 40 mm high x 10 mm thick. The number size must be 80 mm high and 20 mm thick black on a white background. Number boards must be a minimum of 200 mm wide x 150 mm high. The number board must display the class designation and competitor's number. No white shoeshine numbers will be allowed at National events. All competitors must carry series sponsors on the number boards, should there be any. If series sponsors are not displayed on the number board the competitor will not be disqualified.

**16. QUALIFYING**

SS, SB, PST motorcycles and Quads must do a minimum of 1 qualifying run in each lane e.g. qualifying run 1 in left lane, qualifying run 2 in right lane.

**17. TECHNICAL INSPECTION**

All motorcycles entered must pass an MSA technical inspection and riders must comply with and pass an MSA race gear safety inspection.

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SS CLASS REGULATIONS

# SUPERSPORT SHOOTOUT

Whatever is not specifically allowed is disallowed.

Minimum Age: 16 years

Heads-up racing only.

**Class designation "SS" followed by competitor's race number.**

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ARTICLE	
1	<b>BRAKES</b> OEM only. Pads and hoses may be replaced.
2	<b>CHAINGUARD</b> Mandatory.
3	<b>CLUTCH</b> Clutch plates and springs may be replaced with aftermarket parts provided the number and type of plates is as per standard machine. Aftermarket quick access clutch cover is allowed. No slider or lockup clutches allowed. Modification or replacement of the OEM back torque limiting slipper clutch components is only allowed. OEM clutch basket (outer) and OEM clutch hub (inner).
4	<b>CONTROLS</b> Handlebars may be modified.
5	<b>ELECTRICAL</b> May be modified or replaced. Charging system must operate. Engine must start with own OEM starter. Battery may be moved or replaced. Motorcycle must have an operational front light to be minimum diameter of 40 mm and white in colour. Rear light must be a minimum of 40 mm diameter, red in colour. Both must be clearly visible. Motorcycle must start under own power. Modifications to the stock starting and charging systems are not allowed. OEM starters and complete charging system must be in place, connected and functional during the event.
6	<b>ENGINE</b> <b>Bore and Stroke are allowed to be 1 (one) oversize ONLY.</b> <b>Note: Except as noted or stated. External engine parts and mounting points must remain OEM as per make and model.</b>
7	<b>EXHAUST</b> May be modified or replaced.
8	<b>EXTERNALGEARRATIOS/GEARING</b> No restrictions to sprockets and chain.
9	<b>FAIRINGS</b> May be modified or replaced. OEM silhouette only. Aftermarket fairings/bodywork may be used but must conform to the original silhouette. Holes may be cut in the fairing to accommodate the exhaust system should you use a sidewinder. Mirrors and indicators may be removed. Passenger seat pad may be removed and replaced with OEM cover. Fairings must be mounted in original mounting points. Screens may be modified or replaced. OEM lights may be removed.
10	<b>FRAME</b> <b>Swing arm allowed to be extended. Centre of back wheel are not allowed to move more than 16 (sixteen) cm.</b>
11	<b>FUEL</b> Must comply with AMA specification.
12	<b>FUELINJECTION</b> May be modified.
13	<b>FUELTANK</b> No modification. May be filled with Explosafe Foam.
14	<b>GEARBOX</b> OEM only. No modifications. Undercutting of gears is allowed. No OTHER modification allowed.
15	<b>GEARSHIFTSYSTEM</b> May be modified for race pattern type gear change. An electronic inline cutout system operated by the gear linkage may be fitted.
16	<b>GROUNDCLEARANCE</b> Minimum of 50 mm with the rider seated on the motorcycle, feet on the foot pegs and a minimum of 0.7 bar pressure in each tyre.
17	<b>IGNITIONSYSTEM</b> Must have OEM ignition with OEM ECU. Piggyback system allowed i.e. Power Commander and White Band. No launch control or stutter boxes allowed.
18	<b>INDUCTION</b> Internal modification to the throttle bodies is allowed. No aftermarket turbo or nitrous system allowed. Air filter may be removed or replaced. Air box and intake pipes to remain as per the standard OEM motorcycle.
19	<b>REARSETSANDPEDALS</b> May be modified or replaced. Passenger foot pegs and mounts may be removed.
20	<b>SEAT</b> May be modified or replaced.
21	<b>SUSPENSION</b> May be modified. Strapping is allowed. Weight may be added to the front forks ONLY if swing arm is not extended, to a maximum of 5 kgs per side and must be securely mounted with a minimum of 2 x 8 mm bolts per weight.

- 22** **TYRES**  
Only DOT approved road tyres allowed. No Slicks.
- 23** **WATER PUMPS**  
External water pumps will be permitted.
- 24** **WHEELS**  
OEM only. Polishing and painting is permitted. Lightening or skimming of wheels is not allowed.
- 25** **WHEELBASE**  
Wheelbase can be extended 16 (sixteen) cm from OEM position.

SB CLASS REGULATIONS

# SUPERBIKE ELIMINATION

Whatever is not specifically allowed is disallowed.

Minimum Age: 13 years

Bracket Racing only

**Normally Aspirated Only!**

DIAL – IN

All competitors will enter a dial-in time within 1% of their best qualifying time. If a time is not entered the rider will be disqualified. The maximum dial-in time will be 13.50 seconds. Rider must qualify in both lanes.

There is no Record in this class and therefore all breakout rules apply.

**Class designation "SB" followed by competitor's race number.**

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ARTICLE	
1	<b>BRAKES</b> OEM only. Pads and hoses may be replaced.
2	<b>CHAIN GUARD</b> Full length is mandatory.
3	<b>CLUTCH</b> OEM only. Plates and springs may be replaced.
4	<b>ECU</b> Flashing is allowed to optimize settings.
5	<b>ELECTRICAL</b> OEM starters and complete charging system must be in place and functional as well as OEM headlight and taillight must be connected and functional during the event. OEM wiring harness to be used.
6	<b>ENGINE</b> Internal modifications only.
7	<b>EXHAUST</b> May be modified or replaced.
8	<b>EXTERNAL GEAR RATIOS / GEARING</b> No restrictions to sprockets and chain.
9	<b>FAIRINGS</b> OEM only. Fairings may not be altered or removed. Mirrors and indicators may be removed. Passenger seat pad may be removed and replaced with OEM cover. Fairings must be mounted in original mounting points.
10	<b>FRAME</b> No modification. Must have VIN plate. Rear number plate holder may be removed.
11	<b>FUEL</b> Must comply with MSA GCR's. Any commercially available 93 & 95 octane pump fuel are allowed (Shell, Sasol, Engen, Total), 97 octane VP Racing Fuels (MR9 and MR12).
12	<b>FUEL TANK</b> No modification. May be filled with Explosafe Foam.
13	<b>GEARBOX</b> OEM only. No modifications. Undercutting of gears is allowed. No OTHER modification allowed.
14	<b>GEARSHIFT SYSTEM</b> May be modified for race pattern type gear change. Quick shifters allowed.
15	<b>GROUND CLEARANCE</b> Minimum of 50 mm with the rider seated on the motorcycle, feet on the foot pegs and a minimum of 0.7 bar pressure in each tyre.
16	<b>IGNITION SYSTEM</b> No modifications. Must have OEM ignition with OEM. ECU's and standard wiring harness. The use of "Power Commander" and "Wide Band" is allowed. No launch control or stutter boxes allowed, however, if OEM, it will be allowed (i.e. new Yamaha R1 and BMW S1000RR)
17	<b>INDUCTION</b> Internal modification to the throttle bodies is allowed. No aftermarket turbo or nitrous system allowed. Air filter may be replaced. Air box and intake pipes to remain as per the standard OEM motorcycle.
18	<b>REAR SETS AND PEDALS</b> May be modified or replaced. Passenger foot pegs and mounts may be removed.
19	<b>SUSPENSION</b> May be modified. Weights or strapping not allowed. Linkage may be modified or replaced. Solid struts not allowed. Aftermarket rear shocks allowed, e.g. Ohlins.
20	<b>SWING ARM</b> Motorcycles manufactured before 1990 may use an OEM swing arm from another model of the same manufacturer. Swing arms must be OEM and remain original specification for the make and model and year of motorcycles concerned.
21	<b>TYRES</b> Only DOT approved road tyres allowed. No Slicks.
22	<b>WATER PUMPS: External water pumps not allowed.</b>
23	<b>WHEELS</b> OEM only. Polishing and painting is permitted. Lightening or skimming of wheels is not allowed.
24	<b>WHEELBASE</b> Wheel base must be OEM as per make and model of the motorcycle concerned