

Australian Formula POWERBOAT GP

Trial Season 2020 Rules - Formula GP

Engine manufacturer	Engine type	Induction	Minimum Weight	Race number background (Minimum size 400mm x 400mm) and front of mirrors.
Mercury	SST120	As per rule 1205.22	500kg	
Mercury	SST200	A per rule 1205.259	550kg	
Mercury	V6	Carburettor.	550kg	
OMC	V6	Carburettor.	550kg	
Engine manufacturer	Engine type	Induction	Specifications	
Mercury	SST120	As per rule 1205.22	Strictly as per rule group 1205.22. with the following alterations - Heads may be machined no less than 23cc. Flywheel manufacture open. Exhaust tuner open.	Fluorescent Blue.
Mercury	SST200	A per rule 1205.259	As per rule 1205.259. 24v trim and start permitted	Fluorescent Orange
Mercury	200hp v6	Carburettor. Any carburettor stamped or cast with WH. Modifications for excess fuel sloshing permitted. Max number 3.	<p>Standard 2.5 200hp, steel bore, painted block. 5 pedal reed valve crank case front. No HP blocks. Internal treatment as per rule 1205.22. If you cant modify it in an SST120, you can not modify these. Exhaust port height to be standard 1.500" +/-0.03", no porting or grinding on any part of the block permitted. Oversized piston sizes as per OEM specifications. Single ring pistons not permitted. S3000 cranks not permitted. Connecting Rods are open however can not be altered in any way. Electrics open. Mercury lightweight flywheel only. Mercury heads only, not to be less than 36cc. Exhaust tuner to be standard SST120 or SST200. Blocks only permitted are BB, CC, EE and FF</p> <p>For the remainder of the 2020 season and until further notice, the following exception to the above will be allowed:</p> <p>Chamfering of the exhaust port to enhance piston ring life will be allowed to a maximum of 0.090" / 2.29mm, measured as per published diagram</p> <p>The minimum allowed measurement for E1 (the top of the chamfer to the deck) is 1.50" / 38.10mm plus or minus 0.030" / 0.76mm The minimum allowed measurement for E2 (the lower edge of the chamfer to the deck) is 1.59" / 40.39mm plus or minus 0.030" / 0.76mm</p> <p>The maximum allowable differential dimension between E1 and E2 is therefore 0.090" / 2.29mm</p> <p>If your actual exhaust port height is greater than 1.50" / 38.10mm the maximum allowable differential dimension between E1 and E2 is also 0.090" / 2.29mm</p> <p>Other than the exhaust port chamfer allowance there will be "no porting or grinding on any part of the block permitted" as per the original AFPGP engine specification document.</p>	Fluorescent Yellow
OMC	v6	Carburettor. OEM plastic style carburettor. Modifications to prevent excessive fuel sloshing permitted. max number 4.	V6 blocks only. All port heights to be as per OEM standard specifications. Oversized piston sizes as per OEM specifications. Electrics open. Blending and blue printing of ports permitted. Light weight flywheel permitted. OMC heads only, not less than 36cc.	Fluorescent Yellow
				As approved by committee 28th August 2019. Updated 2nd November 2019 G.S. updated 12th March 2020 as per Chamfering Bulletin.