

## 2023-24 GTNZ Championship Technical Closing Report

### Round 2

#### Manfield

26-28 January 2024.

Friday 26 January.

Scrutineering.

Car #	Competitor	Vehicle/ Class	Logbook	Audit/ Online
2	Armstrong	Porsche 992 / Open	202047	No Audit/ No
6	Piesse	BMW /GT4	202316	Audited/ No
16	Giddy	AMG GT2/ Open	202561	Audited/ No
27	Fillmore	Porsche 992 / Open	202436	No Audit/ No
35	Southam	Porsche 992 / Open	202563	Audited/ Yes
56	Sax	AMG / GT4	25756	No Audit/ No
66	Cotterill	AMG / GT4	26199	No Audit/ No
61	Green	McLaren 570/ Open	25952	No Audit/ No
71	Austin	Porsche 997 / Open	18803	No Audit/ Yes
89	Horan	Porsche 991 / Open	25285	No Audit / No
96	Pedersen	AMG GT2 / Open	202560	Audited/ No
107	Sargent	Ginetta G55 / GT4	24549	No Audit / Yes
115	Osborne	Porsche 991 / Open	25223	Audited/ Yes
222	Manson	Porsche 992 / Open	202048	No Audit/ No
570	Gilchrist	McLaren 570 / GT4	25709/1	No Audit / Yes
999	Scoullar	Porsche 991 / Open	25670	No Audit/ No

Significant issues with tyres, due to Michelin not able to supply some sizes, with only enough stock to supply race allocation, not test tyres.

As most of the dry allocation issued at Taupo was not used by teams, elected to unmark tyres from register to be replaced when Michelin has tyres available again for affected competitors.

Tyre marking carried out and general monitoring of safety equipment during practice session.

Check of logging systems in GT4 cars made. No change in tune in car 570 identified from Taupo round. Same boost levels also identified with BMW and AMG GT4 vehicles.

Michelin now have a partially working barcoding system. Barcodes recorded as back up.

Saturday 27 January.

General checks carried out during day.

Pre session checks of safety equipment, tyres, fire extinguishers armed.

Post Q1 GT4 session.

Car	Weight (Kg)
56	1436
6	1455

Post Q2 GT Open session.

Car	Weight	Shim
96	1533	
15	1326	11.8/11.9 mm
16	1551	

GT4 logs checked.

Race 1.

CPS stop times monitored.

Post R1 session.

Car	Weight	Ride Height	Shim
570	1443		
107	1133		
999	1315		10.5/4.2 mm
96	1530		
15	1323		
27	1382	Ok	

GT4 logs checked.

Car 27- ride height front OK. Rear not measured due to damage to rear of vehicle.

Sunday 28 January.

Race 2.

CPS stop times monitored.

Car 89 lost rear tow hook (later found on side of track at Manfield), tow hook borrowed off car 99 who withdrew due to clutch issue.

Car 107 crash damaged- withdrew from last race.

Car 71 failed coolant pipe.

Post Race 2

Car	Weight	Camber shims	Restrictor size
107	1138		67.92 mm
16	1474		
999	1300	10.0/2.6 mm	
27	1375	4.00/12.6 mm	
58			47.98 mm

GT4 logs checked.

Identified lack of procedure for Porsche 992 GT3 cars in relation to low ride heights caused by low tyre pressures- international spec and spec in internal Porsche endurance trophy is 29 Psi +/- .5 Psi.

This should be introduced into regulations.

Race 3

CPS stop times monitored.

Post Race 3

Car	Weight	Power setting/ Map
56	1423	7
570	1430	
2	1389	
27	1384	
222	1397	

66	1380	7
6		6

Post race checks of GT4 logs revealed no obvious issues.

Team of car 66 concerned with performance level of car 56, noting that it appeared to have higher rates of acceleration than car 66 it was running with on track.

Checked of data showed that Cars 56 and 66 have almost identical rate of acceleration form 110 to 210 Km/H, with the difference being 56 maintains a higher mid corner speed. No obvious issue.

Cymon Hewitt.

T.O/ Series scrutineer.

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