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Method

1. The method employed uses three discounts, all based on the kerb weight:
 - a. Under 899Kg = 3% off kerb weight
 - b. 900kg to 1099kg = 2.5% off kerb weight
 - c. Over 1099kg = 2% off kerb weight
2. By using Kerb weight as the base, cars which have modern produced panels (lighter than original) do not have an advantage
3. Kerb weights have been sourced from credible web sites or paperwork such as Workshop manuals or CAMS papers
4. Kerb weights and racing weights do not include driver weight or helmet weight
5. The method recognises the relative impact of removing/replacing items from lighter cars is greater in percentage terms than in heavy cars
6. The method makes no allowance for alloy roll cages as this is a competitive advantage - new car builds cannot have this so it should not be discounted

Benefits

1. All Group N cars can be allocated a kerb weight and a minimum racing weight
2. The method is fair and consistent, regardless of car type
3. Each kerb weight and minimum racing weight can be proven
4. The method is simple and can be easily explained
5. All Specification Sheets (the Regulatory documents) can be updated to reflect the Kerb and Minimum racing weights

Note that where a kerb weight can be proven to be more favourable, it can be easily accommodated and the result can be adjusted as and when approved (see flow process diagram).

Process flow diagram

Group N Minimum car weight process

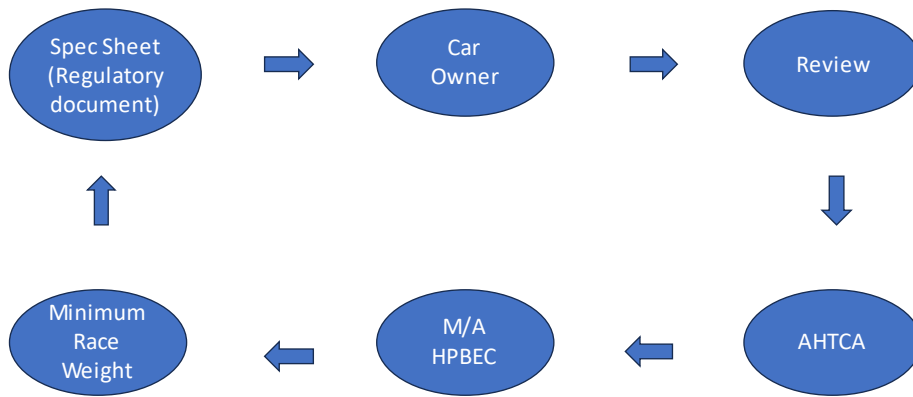


Table - Recommended Kerb and Minimum racing weights

Vehicle type (Spec Sheet description)		Class	Recommended Kerb weight (without driver)	Recommended Minimum Racing weight
Alfa Romeo Giulia 1600 TI		Nb	1060	1034
Alfa Romeo Giulia 1600 TI Super		Nb	960	936
Alfa Romeo GTAM 105		Nc	970	946
Alfa Romeo GTV1750 105s		Nc	920	897
Alfa Romeo GTV 2000 105s		Nc	920	897
Austin 1800		Nb	1143	1120
Austin A30; A35		Na	705	687
Austin A40 Farina		Nb	763	744
Austin A90; 95; 105		Na	1360	1333
BMW 1600; 1602		Nc	920	897
BMW 2002		Nc	940	917
Chevrolet Bel Air	409 2 door	Nb	1847	1810
Chevrolet Bel Air	409 4 door	Nb	1851	1814
Chevrolet Camaro 67 350		Nc	1474	1445
Chevrolet Camaro 68 SS 350		Nc	1474	1445
Chevrolet Camaro 68 SS 396		Nc	1560	1529
Chevrolet Camaro 69 SS 350		Nc	1474	1445
Chevrolet Chevy II Nova 1964		Nb	1260	1235
Chevrolet Chevy II Nova 1965		Nb	1392	1364
Chevrolet Chevy Nova 1966 II Super Sports Coupe		Nc	1215	1191
Chevrolet Chevy II Nova Super Sports Coupe 1967		Nc	1392	1364
Chevrolet Corvair Monza Spyder		Nb	1134	1111
Chevrolet Impala	327 4 door	Nb	1790	1754
Chevrolet Impala	409 4 door	Nb	1856	1819
Citroen Traction Avant		Nc	1360	1333
Datsun 1200 B110		Nc	695	674
Datsun 1600		Nc	875	853
Ford Anglia		Nb	754	731
Ford Capri V6 30		Nc	1080	1053
Ford Cortina 220 240	2 door	Nb	835	810
Ford Cortina 440	4 door	Nb	885	858
Ford Cortina GT Mk 1	2 door	Nb	826	801
Ford Cortina GT Mk 1	4 door	Nb	876	850
Ford Cortina GT Mk II		Nc	908	885
Ford Cortina Mark 2 220 240	2 door	Nc	876	850
Ford Cortina Mark 2 440	4 door	Nc	876	850
Ford Cortina -TC		Nc	960	936
Ford Customline		Nb	1540	1509
Ford Escort Mk1 1300 and 1300GT	2 door	Nc	785	761
Ford Escort Mk1 1300 and 1300GT	4 door	Nc	785	761
Ford Escort RS1600		Nc	785	761
Ford Escort Twin-Cam		Nc	785	761

Vehicle type (Spec Sheet description)		Class	Recommended Kerb weight (without driver)	Recommended Minimum Racing weight
Ford Falcon Rally Sprint		Nb	1100	1100
Ford Falcon XK		Nb	1103	1081
Ford Falcon XL		Nb	1106	1084
Ford Falcon XM	2 door	Nb	1106	1084
Ford Falcon XM	4 door	Nb	1225	1201
Ford Falcon XR GT		Nc	1429	1400
Ford Falcon XT GT		Nc	1444	1415
Ford Falcon XW GT		Nc	1500	1470
Ford Falcon XY GT		Nc	1524	1494
Ford Galaxie R		Nb	1589	1557
Ford Galaxie R		Nc	1589	1557
Ford Lotus Cortina Mk1		Nb	824	799
Ford Lotus Cortina Mk2		Nc	914	891
Ford Mercury Comet Caliente		Nb	1370	1343
Ford Mustang 1964-1965		Nc	1333	1306
Ford Mustang 64 65		Nb	1333	1306
Ford Mustang 66		Nc	1333	1306
Ford Mustang 67		Nc	1333	1306
Ford Mustang 68		Nc	1319	1293
Ford Mustang 68 69 Boss 302		Nc	1475	1446
Ford Mustang Fastback 351		Nc	1480	1450
Ford Zephyr Mk2		Na	1275	1250
Ford Zephyr Mk3		Na	1252	1227
Hillman - Hunter GT, Hustler, Royal 660		Nc	958	934
Hillman - Arrow, Hunter, Hunter GT		Nc	945	921
Hillman Imp Mk.1		Nb	698	677
Hillman Imp Mk 2		Nc	712	691
Holden EH		Nb	1119	1097
Holden FC, FE		Nb	1080	1053
Holden FX FJ		Na	1018	993
Holden FX-FJ		Nb	1018	993
Holden HD		Nc	1216	1192
Holden HG GTS 350 Coupe		Nc	1495	1465
Holden HK GTS 327 Coupe		Nc	1495	1465
Holden HQ GTS 350		Nc	1470	1441
Holden HQ Kingswood 308		Nc	1420	1392
Holden HR		Nc	1183	1159
Holden HT GTS 350 Coupe		Nc	1495	1465
Holden Torana LC XU1		Nc	1031	1005
Holden Torana LJ XU1		Nc	1048	1022
Honda 7S 9S Coupe H1300C		Nc	895	868
Isuzu Bellett	4 door	Nb	910	887
Isuzu Bellett GT	2 door	Nb	917	894

Vehicle type (Spec Sheet description)		Class	Recommended Kerb weight (without driver)	Recommended Minimum Racing weight
Jaguar Mk 1	2.4	Na	1367	1340
Jaguar Mk 1	3.4 - overdrive	Nb	1419	1391
Jaguar Mk 1	3.4 - no overdrive	Nb	1418	1390
Jaguar Mk 2	3.8 - overdrive	Nb	1419	1391
Jaguar Mk 2	3.8 - no overdrive	Nb	1418	1390
Jaguar Mk 7 Mk 8 Mk 9		Na	1820	1784
Leyland Mini Clubman GT		Nc	680	660
Mazda 1300		Nc	780	757
Mazda R100		Nc	805	781
Mazda RX2	4 door	Nc	955	931
Mazda RX2	2 door	Nc	955	931
Morris/Austin Cooper S Mark 1		Nb	617	598
Morris/Austin Cooper S – Mark 2		Nc	640	593
Morris Oxford		Na	1100	1078
Plymouth Valiant		Nb	1252	1227
Plymouth Valiant Barracuda		Nb	1335	1308
Porsche 911s		Nc	1050	1024
Porsche 911s rally		Nc	1050	1024
Renault R8 Gordini		Nc	855	829
Simca Aronde		Na	930	907
Simca Vedette		Na	1280	1254
Studebaker Lark Daytona		Nb	1220	1196
Toyota Corolla KE11		Nc	700	679
Toyota Corolla KE17		Nc	700	679
Toyota Corolla KE20		Nc	700	679
Triumph 2000 Mk1		Nb	1170	1147
Triumph Mk2 PI		Nc	1175	1152
Valiant Charger VH, VH XL, VH RT		Nc	1352	1325
Valiant Pacer VG VH		Nc	1311	1285
Valiant S Series	Auto	Nb	1184	1160
Valiant S Series	Manual	Nb	1227	1202
Volkswagen 1200 Sedan		Na	730	708
Volvo 122	2 door	Na	1013	988
Volvo 122	4 door	Na	1013	988
Volvo 122	2 door	Nb	1013	988
Volvo 122	4 door	Nb	1013	988
Volvo 122	2 door	Nc	1013	988
Volvo 122	4 door	Nc	1013	988
Volvo 142	2 door	Nc	1073	1052
Volvo 144	4 door	Nc	1073	1052
Volvo 164		Nc	1370	1343

MINIMUM RACING WEIGHTS – HISTORIC TOURING CARS

Minimum racing weights - Implementation

Principles

Minimum racing weights are to be introduced from 1 January 2024.

All MA Specification Sheets will be updated in January 2024 to contain the minimum racing weight for each vehicle. This weight will be the designated “Racing Weight Excluding Driver, apparel and helmet” Weight.

The applicable regulation is “All vehicles must continue to comply with the Specification Sheet for the model in question.”

Weights for all vehicles is to be publicly available on the [AHTCA website](#).

It is not the intention to have vehicles weighed at every event. It will be up to the discretion of the Group N Technical Delegate or Eligibility Officer at a particular race event whether cars are weighed. The selection and weighing of vehicles will be conducted by Motorsport Australia officials.

Weighing of vehicles may occur at any selected event at any race track in Australia.

If the decision is made to weigh cars, it is preferable that podium finishing cars are weighed and then other cars as selected.

The AHTCA Weights database will be established and will be made available to all Historic Touring Cars Technical Delegates and Eligibility Officers through the AHTCA website.

Group N Technical Delegates and Eligibility Officers do not determine penalties. The Stewards of the meeting determine penalties. Consideration of referral to the Stewards must be determined by the Chief Scrutineer.

MINIMUM RACING WEIGHTS – HISTORIC TOURING CARS

Processes

Weighing will occur immediately after a race qualifying or practice session;

Scales may have a variation – this needs to be recognised and agreed by the officials on the day and must be taken into account in determining the weight result for each vehicle;

Where a vehicle is found to be under the agreed weight, the following will occur;

First occasion

1. The competitor will be advised and it will be expected that the vehicle will comply with the agreed weight at the next event in which it competes.
2. The vehicle's log book will be annotated accordingly.
3. A record of that first occasion will be included in the EO Race report.
4. The AHTCA weights database will be updated to reflect the details of the occasion, including:
 - the details of the vehicle
 - the date of that first occasion; and
 - the recorded weight

Second occasion

1. The competitor will be advised.
2. The vehicle's log book will be annotated accordingly.
3. The matter will be referred to the Stewards of the meeting to determine an appropriate penalty.
4. A record of that occasion will be included in the EO Race report.
5. The AHTCA weights database will be updated to reflect the details of the occasion, including:
 - the details of the vehicle
 - the date of that second occasion; and
 - the recorded weight

Third and subsequent occasions

1. The competitor will be advised.
2. The vehicle's log book will be annotated accordingly.
3. The matter will be referred to the Stewards of the meeting to determine an appropriate penalty.
4. A record of that occasion will be included in the EO Race report.
5. The AHTCA weights database will be updated to reflect the details of the occasion, including:
 - the details of the vehicle
 - the date of that first occasion; and
 - the recorded weight