

25th October, 1969.

Mr. J.C. Kerby,
Manager - International Engineering - Dept. 2600,
Product Planning and Development Staff,
Chrysler Corporation,
P.O. Box 1118,
DETROIT, Michigan, 48231. U.S.A.

Dear Jack,

SUBJECT: PRODUCTION CAR RACING.

REF: Your Telex No. K1089, of 13th October, 1969
" " " K2001, of 16th October, 1969.

With reference to the above telexes, we have collected the following information to answer the questions you raised. The regulations enclosed are those for Confederation of Australian Motor Sports Group E - Series Production Touring Cars, and the supplementary regulations for the Sandown race. Bathurst regulations are similar, and will be sent when available. The maps of the courses are the best available, although obviously lacking in many respects. No complete survey of the Sandown track has been carried out, but as much data as possible is being collected.

The specifications of the Falcon, Holden and Pacer racing cars, with their capacity and price classes, are appended. This includes the tyre size and rim width that you asked for. Tyres used in racing need not be Australian made, and need not be fitted in production. This latitude also applies to some other components, as you will deduce from the regulations.

The missing information is now being collected from Sydney and Melbourne, and will be relayed as soon as possible. Details of other circuits, such as Warwick Farm and Mallala, are also being sought and will be available if required by you.

Yours truly,

W.K. McPHERSON,
DIRECTOR OF ENGINEERING.

JPRE.RA.

Encs.

c.c. Messrs. D.H. Brown
E.S. Clymer
I.E. Lepper
W. Reinpuu
/ J.P. Ellis
File (2)

BEST AVAILABLE SPECIFICATIONS.

	MONARO GTS 350	FALCON GT/RO	VF PACER	VO PACER AB4.
ENGINE	350 CID Bore X Stroke 4.00 x 3.48 HP @ RPM 300 @ 4800 Torque (ft lb @ RPM) 380 @ 3200 Compression ratio 10.25:1 Carburetion 1 x 4BBL Rochester Quadrjet	351 CID 4.00 x 3.5 330 @ 4800 385 @ 3200 10.7:1 600 cfm Holley on aluminum manifold	225 CID 3.40 x 4.125 170 @ 4500 220 @ 2200 9.2:1 1 x 2 BBL	245 CID 3.76 x 3.68 190 @ 4800 245 @ 3200 9.5:1 1 x 2 BBL
CLUTCH		Twin Plate diaphragm spring - hydraulic	9.25" dia. Coil Spring - Mechanical	9.5" dia. Diaphragm Spring - Mechanical
GEARBOX	1st 2.54 : 1 2nd 1.80 : 1 3rd 1.44 : 1 4th 1.00 : 1 Rev. 2.54 : 1	1st 2.78 : 1 2nd 1.93 : 1 3rd 1.36 : 1 4th 1.00 : 1 Rev. 2.78 : 1	1st 2.95 : 1 2nd 1.69 : 1 3rd 1.00 : 1 Rev. 3.80 : 1	1st 2.71 : 1 2nd 1.55 : 1 3rd 1.00 : 1 Rev. 3.80 : 1
FINAL DRIVE	3.36 : 1 Limited Slip	3.23 : 1 Limited Slip	3.23 : 1 Limited Slip	3.23 : 1 Limited Slip
WHEELS	14 x 6.00 JJ	14 x 6.00 JJ styled	14 x 5.5 J	14 x 6.0 J
TIRES	DYWIDAG P/R Red line Dunlop Sovereign	BFPO 14 Red line Dunlop aquajet Sp	6.95S14 x 4 P.R. Red S.W. Nylon	7.35S14 x 4 P.R. Red S.W. Nylon

	MONARO GT8 350	FALCON GT/HO	VF PACER	VJ PACER	ASL.
SUSPENSION: Front:	Coil with anti sway bar H/D	Coil with anti sway bar H/D	Torsion bars Anti sway bar Height setting 2 $\frac{1}{2}$ "	Torsion bars Anti sway bar Height setting 1 $\frac{1}{2}$ "	
Rear:	Leaf springs with radius rods H/D	Fibre glass 'snow plow' spoiler under front bumper Leaf springs with anti sway bar H/D	Leaf springs H/D Shock absorbers	Leaf springs H/D Shock absorbers	
STEERING BOX RATIO	16.7 : 1	16 : 1	20 : 1	16 : 1 if available	
BRAKES: Front:	Solid discs with ventilated dust shields and fixed head callipers	Vented discs with floating head calliper	Solid disc, solid dust shield, fixed head callipers	Vented disc, floating head calliper, no dust shield	
Rear:	10" Drums	10" Drums	9" Drums	9" Drums	
INSTRUMENTATION:	140 m.p.h. speedometer 6000 r.p.m. Tacho Temp. Gauge Ammeter Oil Pressure Gauge Fuel Gauge	140 m.p.h. speedometer 6000 r.p.m. Tacho Temp. Gauge Oil Pressure Gauge Fuel Gauge	120 m.p.h. speedometer 6000 r.p.m. Tachometer Temp. Gauge Ammeter Fuel Gauge	130 m.p.h. speedometer 7000 r.p.m. Tacho Temp. Gauge Ammeter Fuel Gauge	
FUEL TANK CAPACITY	25 galls	36.4 galls	14.7 galls	14.7 galls	
TYRES used in racing	Michelin Mas 185 x 14	Goodyear Racing	Michelin Mas 175RL4	Michelin Mas 185RL4	
Rothurst LAP TYRES	2.50.2 practice	2.48.9 practice	3.11 practice	-	
CLASS: Capacity:	18' 5,000 c.c. to 8,000 c.c.	18' 5,000 c.c. to 8,000 c.c.	10' 3,000 c.c. to 5,000 c.c.	10' 3,000 c.c. to 5,000 c.c.	
Prices:	10' \$3,001 to \$4,500	10' \$3,001 to \$4,500	10' \$2,251 to \$3,000	10' \$2,251 to \$3,000	