CAMS

5TH CATEGORY - HISTORIC RACING

GROUP Nc

APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the current CAMS Manual of Motor Sport.

Make of Car: Holden Torana **Model:** LJ GTR XUI

Period of Original Manufacture: 1/1972 - 1973

CAMS Historic Group: Nc

Date of Issue of this Document: 15th December 1999

NOTE: THE ORIGINAL HOMOLOGATION PAPERS RELATING TO THE TORANA XU1 LJ LODGED WITH CAMS CONTAINED AMENDMENT SHEETS 19 TO 31 IN ADDITION TO THOSE COPIED HEREIN. AS ALL THESE AMENDEMNT SHEETS WERE EFFECTIVE AS OF AUGUST 1973 OR LATER THEY HAVE NO RELEVANCE TO VEHICLE SPECIFICATIONS APPLICABLE TO GROUP NC

FORM A/A 72

Manufacturer GMH

Model LJ XUI TORANA

C.A.M.S. Recognition No. ~~2/72.001~~ A2-3

Amendment No. 5/5V

CONFEDERATION OF AUSTRALIAN MOTOR SPORT

384 ST. KILDA ROAD,
MELBOURNE, VIC. 3000

Amendment to Form of Recognition

No.	Reference No.
71	2813561 Heavy duty coil spring free height 10" ± .25"
79	2813562 Heavy duty coil spring " " 7" ± .25"
	9929634 New Flywheel Assembly.
160	Flywheel (clean) 4.0815± .453 k.g. 19 - 1 lbs.
161	Flywheel with clutch (all turning parts) 11.201 ± .453 k.g. 34.7 ± 1 lbs.
	9929247 New Camshaft
162	Max. valve lift 11.59 mm. .456 ins.
167	Valves open at 55° BTDC (excluding quietening ramps)
184	Valves close at 91° ATDC " " "
197	Max. valve lift 11.50 m.m. .456 ins.
202	Valves open at 94°.30 BTDC (Excluding quietening ramps)
203	Valves close at 51°.30 ATDC " " "
	Hydraulic followers - No specified valve clearance.
455	Inlet Cam.
	S = 22.175 m.m. .873 + .002 ins. - .007 ins.
	T = 14.5 m.m. .569 + .002 ins. - .007 ins.
	U = 28.09 m.m. 1.138 + .002 ins. - .007 ins.
	The tolerance +.002 -.007 applies to the base circle of the camshaft.
293	FINAL DRIVE Ratio 3.55 - 1 No. of teeth 39/11

Date amendment is valid from

29th August, 1972

Stamp of CAMS

FORM KIA 72

Manufacturer GLH

Model Torana "LJ"

C.A.M.S. Recognition No ~~2-72/062~~ 4/2-3

Amendment No 4/4V

CONFEDERATION OF AUSTRALIAN MOTOR SPORT

~~384 ST. KILDA ROAD, MELBOURNE, VIC. 3002~~ P.O. Box 441 Camberwell, 3124.

Amendment to Form of Recognition

ERRATA

No.	Reference No. Amendment 2/2V in error disregard "Note ....."
2	Front track (when fitted with wheels referred to in 2/2V) 53.5"/54.00" 1360/1372 mm
3	Rear track (when fitted with wheels referred to in 2/2V) 52.1" 1323 mm.
	(Note - 3 spacers fitted to each front wheel 1 spacer fitted to each rear wheel)

Date amendment is valid from 10th August 1972

Stamp of CAMS

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FORM R/A 72

Manufacturer GMH

Model Torana "LJ"

C.A.M.S. Recognition No. ~~S 72/002~~ #2-3

Amendment No. 3/3V

CONFEDERATION OF AUSTRALIAN MOTOR SPORT
397 ST. KILDA ROAD, MELBOURNE, VIC. 3004
P.O. Box 441 Camberwell, 3124

Amendment to Form of Recognition

ERRATA

No.	Reference No.	
2	Front track 52.7/53.2"	1338/1351 mm
3	Rear Track 51.38"	1305 mm
	(3 spacers fitted to each front wheel, 1 spacer fitted to each rear wheel)	

Date amendment is valid from 3rd February, 1972

Stamp of CAMS

FORM RIA 72

Manufacturer GMH
Model TORANA "LJ"
C.A.M.S. Recognition No. ~~2-72/002~~ M2-3
Amendment No. 2/2V

CONFEDERATION OF AUSTRALIAN MOTOR SPORT

884 ST. KILDA ROAD,
MELBOURNE, VIC. 3000

Amendment to Form of Recognition

No.	Reference No.

(Wheels)

50. Cast aluminium (spoked) safety beads on inner and outer rim flanges.

51. Weight 5.1026 kg. 11.75 lbs.

54. Rim Width 212.4 mm. 6.00JJ ins.

Note

add 33.02 mm. 1.3 ins.
to front and rear track for these wheels.

Date amendment is valid from
10.8.1972

Stamp of CAMS

FORM R/A 72

CONFEDERATION OF AUSTRALIAN MOTOR SPORT

384 ST. KILDA ROAD,
MELBOURNE, VIC. 3000

Manufacturer G.M.H.

Model LJ TORANA XU-I

C.A.M.S. Recognition No. ~~S 72/002~~ #2-3

Amendment No. I/IV

Amendment to Form of Recognition

No.	Reference No.
290	Final Drive - Variation in supplier. Vehicles will be equipped at random with either "Detroit No Spin" or "Borg Warner Limited slip" differential units.

Date amendment is valid from 1st July, 1972

Stamp of CAMS

Make HOLDEN 'LJ' Model TORANA XU1 Rec. No. 2.72/002

IMPORTANT:

During the scrutineering of cars entered in group 5 (Sportscars) only the following items of the present recognition form are to be taken into consideration: 1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 150, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 291, 292 and photographs A, B, D, E, F, G, H, J, K and O.

The vehicle described in this form has been subject to the following amendments:

on 1.7. 19 74 rec. no. 1/14 List ..... on ..... 19..... rec. no. ..... List .....

on ..... 19..... rec. no. ..... List ..... on ..... 19..... rec. no. ..... List .....

on ..... 19..... rec. no. ..... List ..... on ..... 19..... rec. no. ..... List .....

on ..... 19..... rec. no. ..... List ..... on ..... 19..... rec. no. ..... List .....

on ..... 19..... rec. no. ..... List ..... on ..... 19..... rec. no. ..... List .....

Optional equipment affecting preceding information. This to be stated together with reference number.

Make HOLDEN 'LJ' Model TORANA XU1 Rec. No. ~~2-24/6027~~ H2-3

DRIVE TRAIN

CLUTCH

260. Type of clutch Diaphragm spring – Dry 261. No. of plates One

262. Dia. of clutch plates	21.89	cm.	8.62	ins.
263. Dia. of linings, inside	15.54	cm.	6.12	ins.
outside	21.89	cm.	8.62	ins.

264. Method of operating clutch Mechanical

GEAR BOX (photograph H)

270. Manual type, make GMH Method of operation External levers

271. No. of gear-box ratios forward 4 272. Synchronized forward ratios 4

273. Location of gear-shift Floor

274. Automatic, make – type –

275. No. of forward ratios – 276. Location of gear shift –

277.	Manual Ratio	Manual No. teeth	Automatic Ratio	Automatic No. teeth	Alternative manual/automatic Ratio	Alternative manual/automatic No. teeth	Ratio	No. teeth
1	2.54	$\frac{19}{25} \times \frac{29}{15}$						
2	1.83	$\frac{19}{25} \times \frac{25}{18}$						
3	1.25	$\frac{19}{25} \times \frac{21}{22}$						
4	1.00	Direct						
5								
6								
reverse	2.54							

278. Overdrive, type

279. Forward gears on which overdrive can be selected

280. Overdrive ratio

FINAL DRIVE

290. Type of final drive Spiral hypoid 291. Type of differential Two pinion

292. Type of limited slip differential (if fitted in series-production) Cone

293. Final drive ratio 3.36 :1 Number of teeth 37/11

Optional 3.08 :1 40/13

Make HOLDEN 'LJ' Model TORANA XU1 Rec. No. 2-72/002

ENGINE ACCESSORIES

230. Fuel pump: mechanical and/or electrical — Mechanical

231. No. fitted — One

232. Type of ignition system — Coil

233. No. of distributors — One

234. No. of ignition coils — One

235. No. of spark plugs per cylinder — One

236. Generator, type: dynamo/alternator—number fitted — Alternator - One

237. Method of drive — Belt

238. Voltage of generator — 12 volts

239. Battery, number — One

240. Location — LH front engine compartment

241. Voltage of battery — 12 volts

ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

250. Max. engine output — 190 (type of horsepower: SAE) at 5600 r.p.m.

251. Max. r.p.m. — ND output at that figure

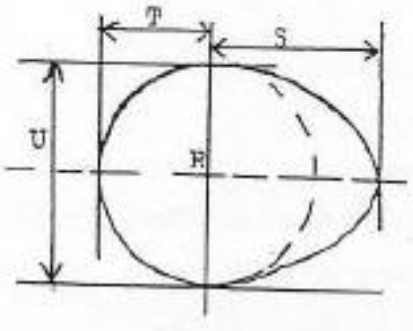
252. Max. torque — 200 lbs/ft. at 4000 r.p.m.

253. Max. speed of the car — ND km./hour miles/hour

ND - Not declared in Catalogue

R = centre of camshaft

a55



Inlet cam

S =	22.17	mm.	.873 inches
T =	14.90	mm.	.587 inches
U =	29.82	mm.	1.174 inches

Exhaust cam

S =	22.17	mm.	.873 inches
T =	14.90	mm.	.587 inches
U =	29.82	mm.	1.174 inches

Make HOLDEN 'LJ' Model TORANA XU1 Rec. No ~~2-42/602~~ 42-3

FOUR STROKE ENGINES

170. Number of camshafts: One
171. Location: RH side crankcase
172. Type of camshaft drive: Gear
173. Type of valve operation: Overhead valves push rod actuated via hydraulic lifters and individually mounted overhead rocker arms.

INLET (see page 4)*

180. Material(s) of inlet manifold: Aluminium
181. Diameter of valves: 41.12/41.37 mm. 1.619/1.629 ins.
182. Max. valve lift: 10.89 mm. .429 in.
183. Number of valve springs: Two
184. Type of spring: Helical coil
185. Number of valves per cylinder: One
186. Tappet clearance for checking timing (cold/warm): As per Shop Manual mm. - ins.
187. Valves open at (with tolerance for tappet clearance indicated): BTDC 44° excl ramps 88° with ramps
188. Valves close at (with tolerance for tappet clearance indicated): ABC 80° excl ramps 124° with ramps
189. Air filter, type: Paper element

EXHAUST (see page 4)*

195. Material(s) of exhaust manifold: Cast iron
196. Diameter of valves: 35.73/35.99 mm. 1.407/1.417 ins.
197. Max. valve lift: 10.89 mm. .429 in.
198. Number of valve springs: Two
199. Type of spring: Helical coil
200. Number of valves per cylinder: One
201. Tappet clearance for checking timing (cold/warm): As per Shop Manual mm. -. ins.
202. Valves open at (with tolerance for tappet clearance indicated): BBC 83° excl ramps 127° with ramps
203. Valves close at (with tolerance for tappet clearance indicated): ATC 40° excl ramps 84° with ramps
204. Diameter outlet orifice exhaust manifold: 41.65 mm. 1.64 ins.

CARBURETION (photograph N)

210. Number of carburettors fitted: 3
211. Type: Side draft
212. Make: Zenith Stromberg
213. Model: 175 CD - 2S
214. Number of mixture passages per carburettor: One
215. Flange hole diameter of exit port(s) of carburettor: 44.45 mm. 1.750 ins.
216. [redacted]/minimum diam., with piston at maximum height (example: SU): 31.75 mm. 1.25 ± .1 ins.

INJECTION (if fitted)

220. Make of pump
221. Number of plungers
222. Model or type of pump
223. Total number of injectors
224. Location of injectors
225. Minimum diameter of inlet pipe mm. ins.

* For additional information concerning two-stroke engines and super-charged engines, see page 13.

Make HOLDEN 'LJ' Model TORANA XU1 Rec. No. 2-072/002

ENGINE (photographs J and K)

130. Cycle Four
131. Number of cylinders 6
132. Cylinder Arrangement In-Line
133. Bore 97.075 mm. 3.625 in.
134. Stroke 82.550 mm. 3.250 in.
135. Capacity per cylinder 551.6 cm.³ 33.66 cu. in.
136. Total cylinder capacity 3310 cm.³ 202 cu. in.
137. Material(s) of cylinder block Cast iron
138. Material(s) of sleeves (if fitted) Not fitted
139. Cylinder head, material(s) Cast iron
Number fitted One
140. Number of inlet ports 3 Siamesed
141. Number of exhaust ports 6
142. Compression ratio 10.3 ± .5:1
143. Volume of one combustion chamber 47.14±1cm.³ 2.87 cu. in.
144. Piston, material Aluminium alloy
145. Number of rings 2 Compression 1 Oil Control
146. Distance from gudgeon pin centre line to highest point of piston crown 42.54 mm. 1.675 in.
147. Crankshaft: moulded/stamped Moulded
148. Type of crankshaft: integral/... Integral
149. Number of crankshaft main bearings Seven
150. Material of bearing cap Cast iron
151. System of lubrication: dry sump/oil in sump Oil in sump
152. Capacity, lubricant 3.4 ltrs. 6.0 pts. 3.21 quarts U.S.
153. Oil cooler: yes/no No
154. Method of engine cooling Water
155. Capacity of cooling system 8 ltrs. 14 pts. quarts U.S. 7.5
156. Cooling fan (if fitted) dia. 39.37 cm. 15.5 in.
157 Number of blades of cooling fan Four

Bearings

158. Crankshaft main, type Copper/Lead Removable dia. 63.424/63.449 m.m. 2.497/2.498 in.
159. Connecting rod big end, type Copper/Lead Removable dia. 48.234/48.260 m.m. 1.899/1.900 in.

Weights

160. Flywheel (clean) 10.93 kg. 24.1 lbs.
161. Flywheel with clutch (all turning parts) 18.05 kg. 39.8 lbs.
162. Crankshaft 21.77 kg. 48.0 lbs.
163. Connecting rod .48 kg. 1.06 lbs.
164. Piston with rings and pin .58 kg. 1.29 lbs.

Make HOLDEN 'LJ' Model TORANA XU1 Rec. No #2-3 2-42/002

SUSPENSION

70. Front suspension (photograph D), type Independant short & long control arms
71. Type of spring Right hand helical coil
72. Stabiliser (if fitted) Bar type
73. Number of shock absorbers 2 74. Type Double acting telescopic
78. Rear suspension (photograph E), type Four link coil
79. Type of spring Right hand helical coil
80. Stabiliser (if fitted) –
81. Number of shock absorbers 2 82. Type Double acting telescopic

BRAKES (photographs F and G)

90. Method of operation Four wheel hydraulic - dual master cylinder providing separate systems for front & rear brakes.
91. Servo-assistance (if fitted), type Tandem suspended vacuum
92. Number of hydraulic master cylinders One dual reservoir
93. Number of cylinders per wheel 2 bore single caliper **FRONT** One **REAR**
94. Bore of wheel cylinder(s) 53.9 mm. 2.125 inches 14.3 mm. .563 inches

Drum Brakes

		FRONT		REAR	
95. Inside diameter		mm.	inches	228.6 mm.	9.0 inches
96. Length of brake linings		mm.	inches	206.0 mm.	8.11 inches
97. Width of brake linings		mm.	inches	233.7 mm.	9.20 inches
98. Number of shoes per brake				44.45 Two	1.75
99. Total area per brake		mm.²	sq. in.	19543 mm.²	30.29 sq.in.

Disc Brakes

100. Outside diameter	254	mm. 10.00	inches	mm.	inches
101. Thickness of disc	15.6	mm. .615	inches	mm.	inches
102. Length of brake linings	–	mm. –	inches	mm.	inches
103. Width of brake linings	–	mm. –	inches	mm.	inches
104. Number of pads per brake		2			
105. Total area per brake	7936	mm.² 12.30	sq. in.	mm.²	sq. in.

Q

Make HOLDEN 'LJ' Mode TORANA XU1 Rec. No. 2-72/002

CHASSIS AND COACHWORK (Photographs A, B and C)

20.	Chassis/body construction: separate/unitary construction	Unitary
21.	Unitary construction, material(s)	Steel
22.	Separate construction. Material(s) of chassis	-
23.	Material(s) of coachwork	Steel
24.	Number of doors 2 Material(s)	Steel
25.	Material(s) of bonnet	Steel
26.	Material(s) of boot lid	Steel
27.	Material(s) of rear-window	Glass
28.	Material(s) of windscreen	Glass
29.	Material(s) of front-door windows	Glass
30.	Material(s) of rear-~~door~~ windows	Glass
31.	Sliding system of door windows	(Frt.Dr. - Vertical sliding)(Rear Quarter - (nechanically operated) (hinged horizontally
32.	Material(s) of rear-quarter light	Glass (manually operated)

ACCESSORIES AND UPHOLSTERY

38. Interior heating : yes — ~~no~~
39. Air conditioning : ~~yes~~ — no
40. Ventilation : yes — ~~no~~
41. Front seats, type of seat and upholstery Bucket - vinyl
42. Weight of front seat(s), complete with supports and rails, out of the car: 38.8 kg. 85.6 lbs.
43. Rear seats, type of seat and upholstery Bench - vinyl
44. Front bumper, material(s) Steel Weight 5.3 kg. 11.7 lbs.
45. Rear bumper, material(s) Steel Weight 3.5 kg. 7.9 lbs.

WHEELS

50. Type Full circle vented disc - Safety beads on inner & outer rim flanges
51. Weight (per wheel, without tyre) 6.8 kg. 15.0 lbs.
52. Method of attachment 5 Studs
53. Rim diameter 330.2 mm. 13.0 ins. 54. Rim width 139.7JJ mm. 5.50JJ ins.

STEERING

60. Type Rack and pinion
61. Servo-assistance : ~~yes~~ — no
62. Number of turns of steering wheel from lock to lock 3.3
63. In case of servo-assistance Not Available

H2-3

Make HOLDEN 'LJ' Model TORANA XU1 Rec. No ~~2-12/002~~

NOTE 1.

All dimensions must be given in two measuring systems, see Note 3.

CAPACITIES AND DIMENSIONS

1. Wheelbase 2540.0 mm. 100.0 inches

2. Front track 1340.044 mm. 52.76 inches.

Measure at half travel

See Note 2

3. Rear track 1304.972 mm. 51.38 inches

Track constant at all suspension heights

See Note 1

4. Overall length of the car 438.6 cm. 172.7 inches

5. Overall width of the car 160.0 cm. 63.0 inches

6. Overall height of the car 134.6 cm. 53.0 inches

7. Capacity of fuel tank (reserve included)
77.2 ltrs. 20.4 gall. U.S. 17.0 gall. Imp.

8. Seating Capacity. 5

9. Weight. Total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools:
ESTIMATED 1048 kg. 2310 lbs. 20.6 cwts.

NOTE 2.

Differences in track caused by the use of other wheels with different rim widths must be stated when recognition is requested for the wheels concerned. Specify ground clearance in relation to the track and give drawing of two easily recognisable points at front and rear at which measurements are taken. These ground clearance dimensions are only for information when checking the track and can in no way affect the eligibility of the car.

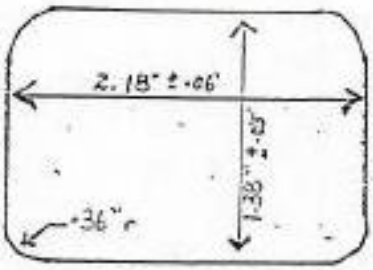
NOTE 3.

CONVERSION TABLE

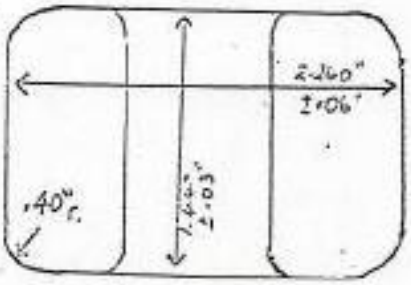
1 inch/pouce	— 2.54 cm.		1 quart US	— 0.9464 ltrs	
1 foot/pied	— 30.4794 cm.		1 pint (pt)	— 0.568 ltrs	
1 sq. inch/pouce carre	— 6.452 $cm.^2$		1 gallon Imp.	— 4.546 ltrs	
1 cubic inch/pouce cube	— 16.387 $cm.^3$		1 gallon US	— 3.785 ltrs	
1 pound/livre (lb)	— 453.593 gr.		1 hundred weight (cwt.)	— 50.802 kg	

Make HOLDEN 'LJ' Model TORANA XU1 Rec. No 2-72/002

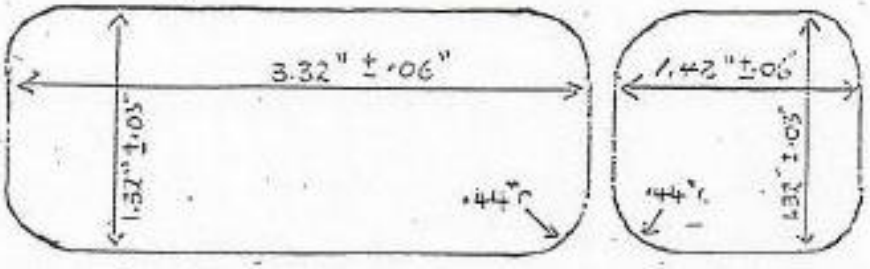
Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



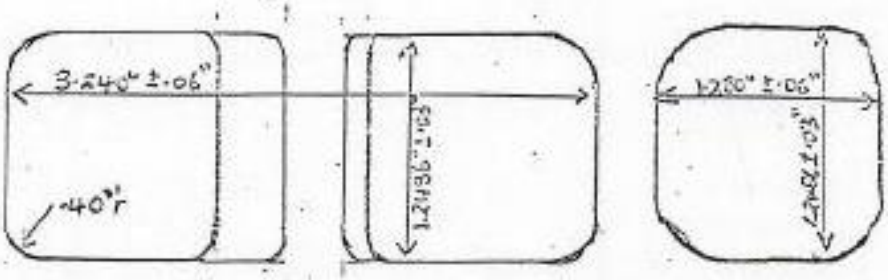
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



Drawing of exhaust manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



Drawing of exit to exhaust port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



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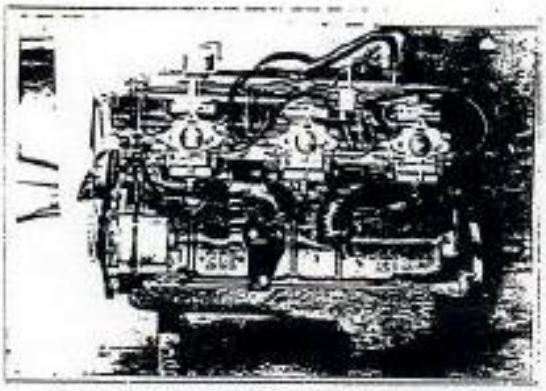

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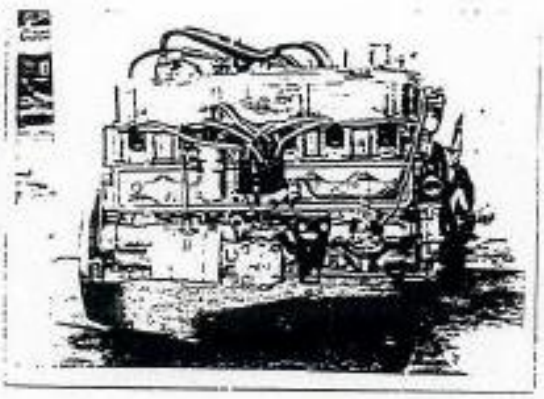

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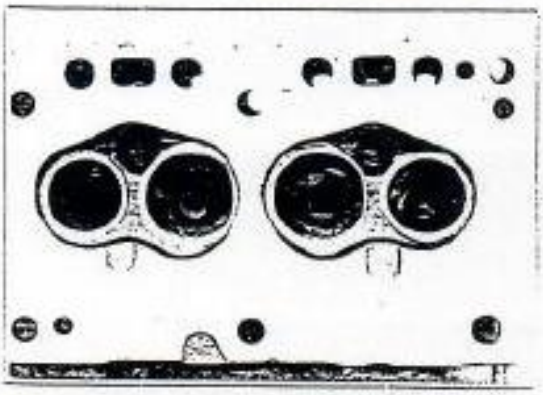

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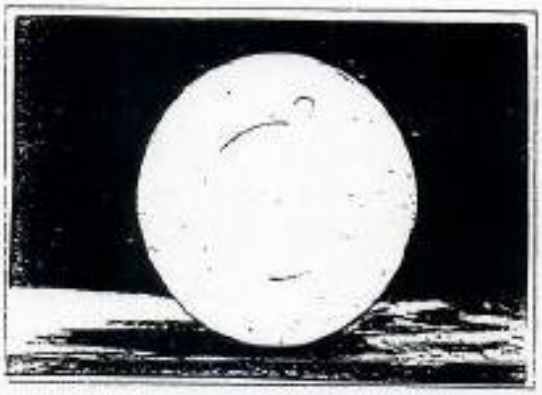

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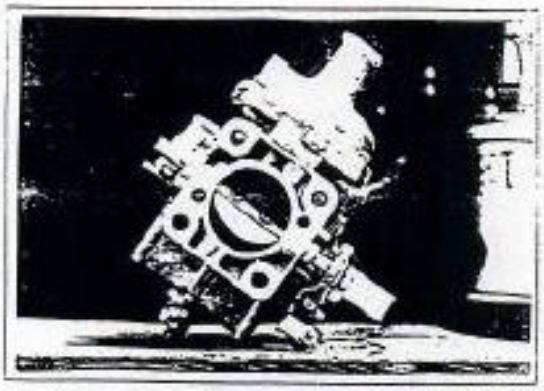

engine in car with all accessories, bonnet open
or removed

O

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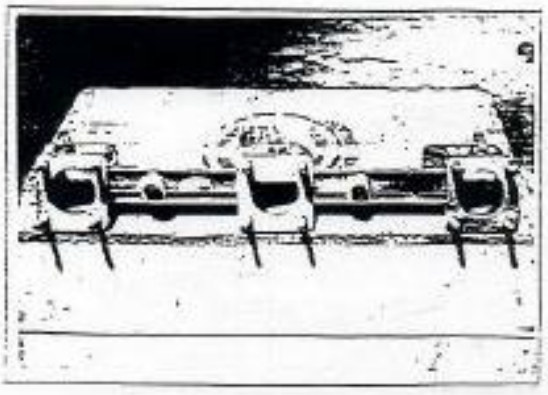

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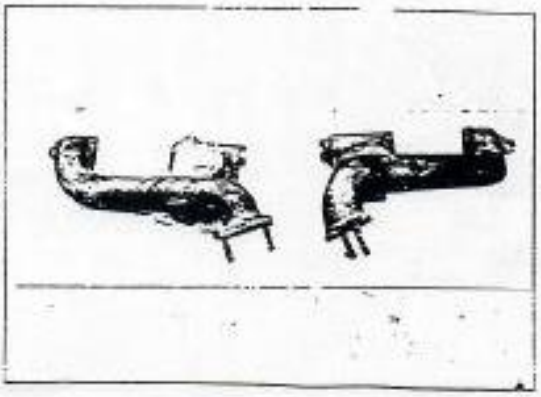

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SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description:	Unitary Construction	**Period of Manufacture:**	
Manufacturer:	GMH	1/1972-1973	
Chassis no. from:	LJ00001S* (similar to LC)		
Chassis no. location:	NS Inner Guard		
Material:	Steel		
Comments: VIN for LJ similar to LC.			

1.2 FRONT SUSPENSION

Description:	Double Wishbone		
Spring medium:	Coil Over Damper		
Damper Type:	Double Acting Hydraulic Telescopic	**Adjustable:**	No
Anti-sway bar:	Fitted	Adjustable:	No
Suspension adjustable:	Yes – Camber & castor	**Method:**	Shims
Comments:			

1.3 REAR SUSPENSION

Description:	Live Axle - Trailing Arms		
Spring medium:	Coil		
Damper type:	Double Acting Hydraulic Telescopic	**Adjustable:**	No
Anti-sway bar:	Not Fitted	**Adjustable:**	No
Suspension adjustable:	No	**Method:**	N/A
Comments:			

1.4 STEERING

Type:	Rack & Pinion	**Make:**	GMH
Comments:			

1.5 BRAKES

		Front		Rear
Type:		Disc		Drum
Dimensions:		254 mm x 15 mm		228 mm
Material of drum/disc		Cast Iron		Cast Iron
No. cylinders/pots per wheel:		2		1
Actuation:		Hydraulic		Hydraulic
Caliper: Make, Material, Type:		Cast Iron - Girlock		
Master cylinder make:	PBR		**Type:**	Tandem
Adjustable bias		No		
Servo Fitted		Yes		
Comments:				

SECTION 2 - ENGINE

2.1 ENGINE

Make:	GMH		
Model:	202		
No. cylinders:	6	**Configuration:**	In Line
Cylinder Block-material:	Cast Iron	**Four Stroke**	
Bore - Original:	92.07 mm	**Max. allowed:**	93.57 mm
Stroke - original:	82.55 mm	**Max. allowed:**	82.55 mm
Capacity - original:	3310 cc	**Max. allowed:**	3404 cc
Cooling method:	Water		
Identifying marks:	JP1001 or Q1001		

Comments: Some factory competition blocks supplied with Q prefix

2.2 CYLINDER HEAD

Make:		Holden			
No. of valves/cylinder-		**Inlet:**	1	**Exhaust:**	1
No. of ports total:	9	**Inlet:**	3	**Exhaust:**	6
No. of camshafts:	1	**Location:**	Block	**Drive:**	Gear
Valve actuation:		Pushrod			
Spark plugs/cylinder:		1			
Identifying marks:					

Comments: Following on from the LC with the 173cu in head with larger valves & stronger springs.

2.3 LUBRICATION

Method:	Wet Sump	**Oil tank location:**	N/A
Dry sump pump type:	N/A	**Location:**	N/A
Oil cooler standard:	No	**Location:**	N/A

Comments: External oil line to main bearings fitted in some early versions

2.4 IGNITION

Type:	Coil & Distributor
Make:	Delco Remy
Comments:	

2.5 FUEL FEED

Carburettor: Make:	Zenith Stromberg	**Model:**	175 CD-2S	**No:**	3	**Size:**	
Fuel injection Make:	N/A		**Type:**				
Supercharged:			**Type:**				
Make:							
Comments:							

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Holden **Type:** Diaphragm **Diameter:** 219 mm
No. of Plates: 1
Actuation: Mechanical
Comments

3.2 TRANSMISSION

Type: Holden
Make: **Model:** M20
No. forward speeds: 4 **Gearbox location:** Behind Engine
Gearchange type and location: Floor
Case material: Cast Iron **Identifying marks:**
Comments:

3.3 FINAL DRIVE

Make: GMH **Model:**
Wheel drive method: Rear
Ratios: Various
Differential: Bevel **Type:** Hypoid
Comments: Spin Resistant or Locked Differential permitted.

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: 1 **Location:** Gearbox to Final Drive
Description: Tubular Tailshaft with Hardy Spicer Universal Joints
Comments:

3.5 WHEELS & TYRES

Wheel type: **Original:** Steel or alloy **Material:** **Original:**
Allowed: Alloy **Allowed:**
Fixture method: Bolt on **No. studs:** 5 Studs

	FRONT	REAR
Wheel dia. & rim width		
Original:	5.5 or 6 x 13	5.5 or 6 x 13
Allowed	7 x 13	7 x 13
Tyre section:		
Original:		
Allowed:		
Aspect ratio - minimum:	60%	60%

Comments: Globe 'Sprintmaster' alloy wheels with spacers on the front discs to enable the wheel to clear the tie-rod ends were used in the latter part of 1972

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location:	Rear	**Capacity:**	77 Litres
Fuel pump, type and location:	Mechanical	**Make:**	AC

Comments: Refer to LC Specification Sheets. Similar comments re filler neck apply.

4.2 ELECTRICAL SYSTEM

Voltage:	12	**Alternator fitted:**	Yes
Battery Location:	Engine Compartment		

Comments: Locate in boot if Webers are fitted.

4.3 BODYWORK

Type:	2 Door Coupe	**Material:**	Steel
No. of seats:	4	**No. doors:**	2

Comments: Metal front spoiler & rear spoiler as per LC. Dash panel revised & crash pad straightened out. Collapsible steering column & lock fitted with ignition key on steering column. Floor console around gear stick. High back seats with adjustable head restraints fitted.

4.4 DIMENSIONS

Track - Front:	1372 mm	**Rear:**	1323 mm
Wheelbase:	2540 mm	**Overall length:**	4386 mm
Dry weight:	1048 kg		

Comments: Front track varied with fitment of Sprintmaster wheels.

4.5 SAFETY EQUIPMENT

Fire extinguisher required
Seat belt required
Rollbar required
Electrical cut off switch required
Safety fuel tank optional

~~2-72/00E~~
#2-3

A1

A2

F.I.A. Recognition No. .....

Group .....

~~A-72/600~~ H2-3

CONFEDERATION OF AUSTRALIAN MOTOR SPORT

394 ST. KILDA ROAD, MELBOURNE, VIC. 3004

Form of recognition in accordance with appendix J to the International Sporting Code of the FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Manufacturer: GENERAL MOTORS-HOLDEN'S

Serial No. of chassis body: LJ

Serial No. of engine: IP

Recognition is valid from: .....

Cylinder-capacity: 3310 cm³ 202 in³

Model: TORANA XU1

Manufacturer: GMH

Manufacturer: GMH

List: .....

The manufacturing of the model described in this recognition form started on January 10, 1972 and the minimum production of 200 identical cars, in accordance with the specifications of this form was reached on February 3, 1972

Photograph A. ¾ view of car from front

F.I.A. Stamp

C.A.M.S. Stamp

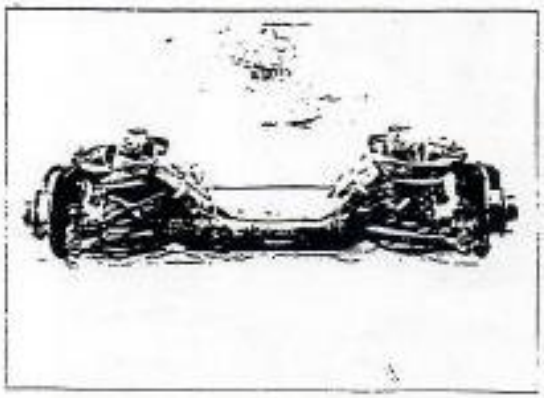
~~Zircon~~

42-3

B

C

D



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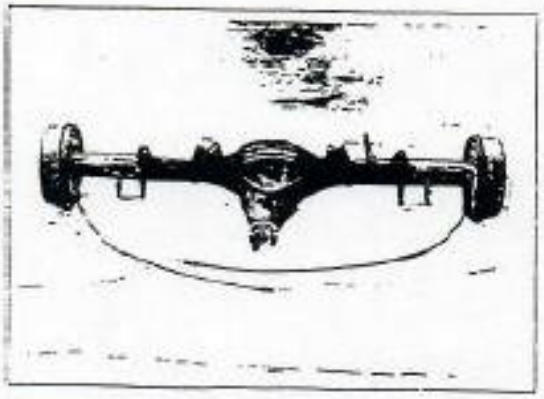

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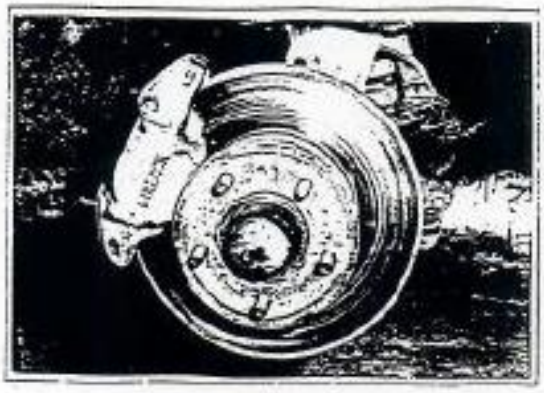

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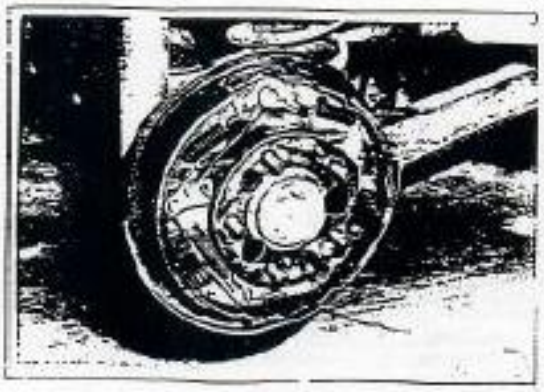

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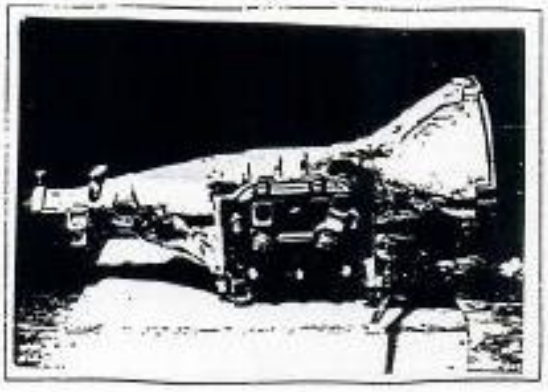

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