

F.I.A. Recognition No. 5235 Group 1 - Series - Production

# FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Form of recognition in accordance with Appendix J to the International Sporting Code.

Manufacturer Isuzu Motors Limited

Serial 140 of

PA20-5000001

G161-306124

Cylinder-capacity 1,584 cm3 96.68 cu. in.

Isuzu PA20 (Florian)

Manufacturer Isuzu Motors Limited

Monufacturer Isuzu Motors Limited

Recognition is valid from 1st November 1968 tist 1968/11.

The manufacturing of the model described in this recognition form was started on June 1967 and the minimum production of 5,000 identical cars, in accordance with the specifications of this form was reached on Oct. 1967

Photograph A 3.4 view of car from front



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

Vorionts				Normal evolution of the type				
on	19	rec No	Erst	on	19	rec. No.	List	
on	19	rec. No.	Lest	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.	L <sub>!</sub> st	on	19	rec. No.	List	

Stamp and signature of the National Sporting Authority Stamp and signature of the F. I. A.

Moke Isuzu Motors Limited

Model Isuzu PA20

F. I. A. Rec. No.

IMPORTANT - the underlined items must be stated in two measuring systems, one of which must be the metric system. See coversion table hereafter.

## CAPACITIES AND DIMENSIONS

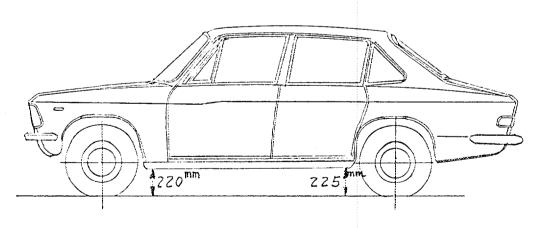
1.	Wheelbase	2,500	mm		98,43	inches	
2.	Front track	1,310	mm		51.57	inches *	
3.	Rear track	1,300	mm		51.18	inches *	
4.	Overall length of the car			425,0	cm	;	inches
5.	Overall width of the car			160,0	cm	; ;	inches
6.	Overall height of the car	•		144.5	cm	į.	inches
7.	Capacity of fuel tank (reser	rve included)				46 1 trs	5
	12.2 Ga	llon US				Gallon Imp	
•						:	

- 8. Seating capacity 5
- 9. <u>Weight,</u> total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools:

  905 kg 1995.2 lbs cwt
- \* 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 fixed points of the vehicle's structure 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.



#### CONVERSION TABLE

1	inch / pouce	- 2.54 cm	1	quart US	 0.9464	Hrs
ì	foot / pied	30.4794 cm	1	pint (pt)	 0.568	1 trs
1	square inch/pouce carré	— 6.452 cm²	1	gallon Imp.	 4.546	1 trs
1	cubic inch/pouce cube	- 16.387 cm <sup>3</sup>	1	gallon US	 3.785	1 trs
Ţ	pound / livre (1b)	453.593 gr.	1	hundred weight (cwt)	 50.802	kg

F. I. A. Rec. No. Isuzu PA20 Model Isuzu Motors Limited Make CHASSIS AND COACHWORK (Photographs A, B and C)

- 20. Chassis / body construction: XXXXXXXXXX / unitary construction
- 21. Unitary construction, material (s) Steel Separate construction
- 22. Separate Constructions: Material(s) of chassis
- 23. Material (s) of coachwork
- 24. Number of doors 4 Material (s) Steel
- 25. Material (s) of bannet

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

Vertical, Manual

32. Material (s) of rear-quarter light

Glass

#### ACCESSORIES AND UPHOLSTERY

39. Air-conditioning : 785 38. Interior heating : ¥68 -

- 40. Ventilation : 💥 -
- Separate
- Bucket or Bench, Textiles and Vinyl 4). Front seats, type of seats and upholstery
- 42. Weight of front seat (s), complete with supports and rails, out of the car

Separate Bucket 12.5 x 2 lbs kg

25.0 Bench

Bench, Textiles and Vinyl

43. Rear seats, type of seats and upholstery

44. Front bumper, material (s) Steel Weight

7.0 kg lbs

45. Rear bumper, material (s)

Steel

Weight

6.0

lbs

## WHEELS

- Pressed Steel 50. Type
- 51. Weight (per wheel, without tyre)

7.2 kg (5 in)

XXX or 6.0 kg (4.5 in)

lbs

- 52. Method of attachment 4 studs
- 53. Rim diameter

330.2

13.0 mm

inches

54. Rim width

127 or 114

5 or 4.5 mm

inches

#### STEERING

- 60. Type
- Ball nut
- 61. Servo-assistance : 💥 -
- 62. Number of turns of steering wheel from lock to lock
- 3.5

63. In case of servo-assistance

Model Isuzu PA20

Make Isuzu Motors Limited

F. I. A. Rec. No.

# SUSPENSION

70. Front suspension (photogr. D), type Independent, Wishbone

71. Type of spring C

Coil

72. Stabiliser (if fitted) To

Torsion bar

73. Number of shockabsorbers

2 74. Type Hydraulic telescopic

78. Rear suspension (photogr. E), type Rigid

79. Type of spring Semi-elliptic Leaf

80. Stabiliser (if fitted)

81. Number of shockabsorbers 2 82. Type Hydraulic telescopic

32AXES (photographs F and G)

90. System Hydraulic

91. Servo-assistance (if fitted), type Vacuum servo

92. Number of hydraulic master cylinders 1

	FRC	TMC			REAR	
93. Number of cylinders per wheel		1.			1	
94. Bore of wheel cylinder (s)	25.4	mm	in.	22,2	mm	in.
Drum brakes 95. Inside diameter	228.6	mm	in.	228,6	mm	in.
96. Length of brake linings	209.0	mm	in.	232,0	mm	in.
97. Width of brake linings	40.0	mm	in.	40.0	mm	ìn,
98. Number of shoes per brake		2			2	
99. Total area per brake	16,720	mm²	sq. in.	18,560	mm²	sq. in,
Disc brakes 100. Outside diameter		mm	in.		mm	in.
101. Thickness of disc		mm	in.		mm	in.
102. Length of brake linings		mm	in.		mm	in.
103. Width of brake linings		mm	in.		mm	in.
104. Number of pads per brake,						
105. Total area per brake		mm²	sq. in.		mm²	sq. in.

Waights  160. Flywheel (clean)  10.2 kg lbs  161. Flywheel with clutch (all turning parts)  Dia. 49 mm in.	M	ake Isuzu Motors 1	Limited		Model ]	suzu PA20		F	I.A. Rec. No.
130. Cycle		ENGINE (photographs 1 and	K)						
133. Bore 82 mm 3.228 in. 134. Stroke 135. Capacity per cylinder 396.1 cm 136. Capacity per cylinder 396.1 cm 137. Material (s) of cylinder block Cast iron 138. Material (s) of cylinder block Cast iron 139. Cylinder-head, moterial (s) 139. Cylinder-head, moterial (s) 140. Number of inlet ports 4 141. Number of exinaust ports 4 142. Compression ratio 8.7:1 143. Yolume of one combustion chamber 51.5 cm² cu. in. 144. Piston, moterial Aluminum 145. Number of rings 3 146. Distance from gudgeon pin centre line to highest point of piston crown 37.0 mm 147. Crankshoft: ***meetided** / Jammeetided** / Jammee		_			131. Number	r of cylinders	4		
135. Copacity per cylinder.  396.1 cm  136. Iotol. cylinder-capacity 1584 cm  396.68  cu. in.  137. Material (s) of cylinder block Cast iron  138. Material (s) of sleeves (if fitted)  139. Cylinder-bead, material (s) 140. Number of inlet ports 4 141. Number  142. Compression ratio 8.7 : 1  144. Piston, material 145. Number of one combustion chamber 146. Distance from gudgeon pin centre line to highest point of piston crown 37.0 mm 147. Crankshoft : monthshoft main bearings 148. Type of crankshoft : integral / XXXX  149. Number of crankshoft main bearings 150. Material of bearing cap Cast iron  151. System of lubrication: Maximum  152. Capacity, lubricant 3.6 lrs  153. Oil cooler: XXXX / no 155. Capacity of cooling system 156. Cooling fon (if filted), dia. 32 cm  157. Number of blodies of cooling fan  158. Crankshoft main, type Plain  159. Connecting rod big end, Plain  160. Flywheel (clean)  10.2 kg lbs  15,2 kg lbs  15,2 kg lbs  15,2 kg lbs  15,2 kg lbs	132.	Cylinder arrangement In	n-Line						
135. Capacity per cylinder  136. Total cylinder-capacity 1584 cm³ 137. Material (s) of cylinder block 138. Material (s) of sileeves (if fitted) 139. Cylinder-head, material (s) 140. Number of inlet ports 141. Number of inlet ports 142. Compression ratio 143. Volume of one combustion chamber 144. Piston, material 145. Number of rings 146. Distance from guidgeon pin centre line to highest point of piston crown 147. Crankshaft: xpgyldged / stamped 148. Type of crankshaft: integral / XXXX 149. Number of crankshaft main bearings 150. Material of bearing cap 161. System of lubrication: xlsyxxxstax / no 162. Capacity, lubricant 163. Oil cooler: xxxx / no 164. Cooling fain (if filted), dia. 32 cm 165. Cooling fain (if filted), dia. 32 cm 167. Number of blodes of cooling fon 168. Crankshaft main, type 169. Capacity of cooling and the cooling fon 169. Connecting rad big end, 169. Plywheel (clean) 160. Flywheel (clean) 160. Flywheel (clean) 160. Flywheel (clean) 160. Flywheel with clutch (all turning ports) 160. Flywheel with clutch (all turning ports) 161. Flywheel with clutch (all turning ports) 162. Capacity with clean and the cooling street of the cooling	133.	<u>Bore</u> 82 mi	m 3,228	ìn.	134. <u>Stroke</u>	75	mm	2,953	in.
136. Isoli cylinder-capacity 1584 cm² 137. Material (s) of cylinder block Cast iron 138. Material (s) of sleeves (if fitted) 139. Cylinder-head, material (s) 140. Number of inlet ports 141. Number of inlet ports 142. Compression ratio 143. Yolume of one combustion chamber 144. Piston, material 145. Number of rings 146. Distance from gudgeon pin centre line to highest point of piston crown 147. Crankshaft : negriged / stamped 148. Type of crankshaft : integral / XXXX 149. Number of crankshaft main bearings 150. Material of bearing cop 151. System of lubrication: 186XXXXXXX / oil in sump 152. Capacity, lubricant 153. Cil cooler: XXXX / no 155. Capacity of cooling system 156. Cooling fon (if fitted), dia. 32 cm 157. Number of blades of cooling fon 158. Crankshaft main, type 159. Connecting rod big end, 159. Connecting rod big end, 159. Plain 159. Connecting rod big end, 150. Flywheel (clean) 151. Systemel (clean) 152. Kg 153. Dia. 154. Method of engine cooling 155. Method of engine cooling 156. The main inches 157. Number of blades of cooling fon 158. Crankshaft main, type 159. Connecting rod big end, 159. Connecting rod big end, 159. Connecting rod big end, 159. Chamber of lades of cooling fon 159. Connecting rod big end, 159. Chamber of lades of cooling fon 151. System of lubrication in the sump 152. Capacity of cooling fon the sump 154. Method of engine cooling Water 155. Capacity of cooling system 156. Cooling fon (if fitted), dia. 32 cm 157. Number of blades of cooling fon 158. Crankshaft main, type 159. Connecting rod big end, 150. Flywheel with clutch (all turning ports) 151. System of lubrication in the sump 151. System of lubrication in the sump 152. Capacity of cooling fon 153. System of lubrication in the sump 154. Method of engine cooling 150. Method of engine cooling 151. Method of engine cooling 152. Method of engine cooling 153.	135.	Capacity per cylinder		396.1	cm <sup>3</sup>	, ,	24.17		cu. in.
137. Material (s) of cylinder block  Cast iron  138. Material (s) of sleeves (if filled)  139. Cylinder-head, material (s)  Aluminum  Number of inlet parts  4 141. Number of exacust parts  4 142. Compression ratio  8.7: 1  143. Volume of one combustion chamber  51.5  Cm²  cu in.  144. Piston, material  Aluminum  145. Number of rings  3  146. Distance from gudgeon pin centre line to highest point of piston crown  37.0 mm  147. Crankshaft: **meetiged** / stamped**  148. Type of crankshaft: **meetiged** / stamped**  149. Number of crankshaft main bearings  5  150. Material of bearing cap  Cast iron  151. System of lubrication: **Mexicomy** / oil in sump  152. Capacity, lubricant  3,6 hrs  pits  quarts US  153. Oil cooler: **xxxx* / no  154. Method of engine cooling *Water**  pints  quarts US  156. Cooling fain (if filted), dio. 32 cm  157. Number of blades of cooling from 4  **Beerings**  158. Crankshaft main, type  Plain  Dia. 56 mm  in.  Weights  160. Flywheel (clean)  10.2 kg lbs  151. Flywheel with clutch (all turning parts)  152. Kg bas  bases  154. Bywheel (clean)  10.2 kg lbs  155. Cylinder-head, material (s)  Aluminum  Number fitted  1  141. Number of exacust parts  4  141. Number of exacust parts  4  142. Compression ratio  3	136.	Total cylinder-capacity		1584	cm <sup>a</sup>				cu. in.
139. Cylinder-head, moterial (s)  Aluminum  140. Number of inlet ports  4 141. Number of exnaust ports  4 142. Compression ratio  8.7 : 1  143. Volume of one combustion chamber  51.5 cm³ cu. in.  144. Piston, material  Aluminum  145. Number of rings  3  146. Distance from gudgeon pin centre line to highest point of piston crown  37.0 mm  147. Crankshaft : *** **xxxx***  149. Number of crankshaft main bearings  5  150. Material of bearing cap	137.	Material (s) of cylinder blo	ock	Cast ir	on				
140. Number of inlet ports 4 141. Number of exacust ports 4  142. Compression ratio 8.7:1  143. Volume of one combustion chamber 51.5 cm³ cu. in.  144. Piston, material Aluminum 145. Number of rings 3  146. Distance from gudgeon pin centre line to highest point of piston crown 37.0 mm inches  147. Crankshaft: xyextige / stamped 148. Type of crankshaft: integral / xxxx  149. Number of crankshaft main bearings 5  150. Material of bearing cap Cast iron  151. System of lubrication: xiexxxxxx / no 154. Method of engine cooling Water  153. Oil cooler: xxxx / no 154. Method of engine cooling Water  155. Capacity of cooling system 6.0 ltrs  156. Cooling fain (if fitted), dia. 32 cm inches  157. Number of blades of cooling fan 4   Bearings  158. Crankshaft main, type Plain Dia. 56 mm in.  159. Connecting rad big end, Plain Dia. 49 mm in.  Weights  160. Flywheel (clean) 10.2 kg lbs  161. Flywheel with clutch (all turning ports) 15.2 kg lbs	138.	Material (s) of sleeves (if	fitted )						
142. Compression ratio 8.7: 1  143. Volume of one combustion chamber 51.5  144. Piston, material Aluminum 145. Number of rings 3  146. Distance from gudgeon pin centre line to highest point of piston crown 37.0 mm inches  147. Crankshaft: **greytiget* / stomped 148. Type of crankshaft: integral / xxxxx  149. Number of crankshaft main bearings 5  150. Material of bearing cap Cast iron  151. System of lubrication: **zkxxxxxxx / oil in sump  152. Capacity, lubricant 3.6 lirs pts quarts US  153. Oil cooler: **xxxx / no 154. Method of engine cooling Water 155. Capacity of cooling system 6.0 lirs pints quarts US  156. Cooling fair (if fitted), dia. 32 cm inches  157. Number of blades of cooling fan 4  **Bearings**  158. Crankshaft main, type Plain Dia. 56 mm in.  159. Connecting rod big end, Plain Dia. 49 mm in.  159. Connecting rod big end, Plain Dia. 49 mm in.  159. Flywheel (clean) 10.2 kg lbs  151. Flywheel (clean) turning parts) 15.2 kg lbs	139.	Cylinder-head, material (s)		Aluminur	n		Nu	mber fitted	1
143. Volume of one combustion chamber 51.5 cm² cu. in.  144. Piston, material Aluminum 145. Number of rings 3  146. Distance from gudgeon pin centre line to highest point of piston crown 37.0 mm inches  147. Crankshoft : manylight / stamped 148. Type of crankshoft : integral / xxxx  149. Number of crankshoft main bearings 5  150. Material of bearing cap Cast iron  151. System of lubrication : MANXXXXIV / oil in sump  152. Capacity, lubricant 3.6 ltrs pts quarts US  153. Oil cooler : xxxx / no 154. Method of engine cooling Water  155. Copacity of cooling system 6.0 ltrs pints quarts US  156. Cooling fair (if fitted), dia. 32 cm inches  157. Number of blades of cooling fan 4   Bearings  158. Crankshoft main, type Plain Dia. 56 mm in.  159. Connecting rod big end, Plain Dia. 49 mm in.  159. Connecting rod big end, Plain Dia. 49 mm in.  150. Flywheel (clean) 10.2 kg lbs  151. Flywheel with clutch (all turning ports) 15.2 kg lbs	140.	Number of inlet ports	4		141. Number	of exnaust po	orts 4		
144. Piston, material Aluminum  145. Number of rings 3  146. Distance from gudgeon pin centre line to highest point of piston crown  37.0 mm  147. Crankshaft: meeting of / stamped  148. Type of crankshaft: integral / xxxx  149. Number of crankshaft main bearings 5  150. Material of bearing cap Cast iron  151. System of lubrication: xisxxxxxxxx / oil in sump  152. Capacity, lubricant 3.6 ltrs  153. Oil cooler: xxxx / no  154. Method of engine cooling Water  155. Capacity of cooling system 6.0 ltrs  156. Cooling fair (if fitted), dia. 32 cm  157. Number of blades of cooling fan 4   Bearings  158. Crankshaft main, type Plain  159. Connecting rod big end, Plain  160. Flywheel (clean) 10.2 kg lbs  160. Flywheel (clean) 10.2 kg lbs  161. Flywheel with clutch (all turning ports)  162. Aluminum  145. Number of rings 3  164. Number of rings 3  162. Number of rings 3  163. Number of rings 3  164. Number of rings 3  165. Number of rings 3  168. Type of crankshaft: integral / xxxx  169. Number of rings 3  168. Type of crankshaft: integral / xxxx  169. Number of rings 3  168. Type of crankshaft: integral / xxxx  169. Number of rings 3  169. Number of rings 2  170. Number of ri	142.	Compression ratio	8.7:1				·		
146. Distance from gudgeon pin centre line to highest point of piston crown  37.0 mm  147. Crankshaft: **\textit{gray-legal*} / stamped	143.	Volume of one combustion	chamber	51.5		cm <sup>3</sup>			cu. in.
147. Crankshaft: meeting / stamped  148. Type of crankshaft: integral / XXXX  149. Number of crankshaft main bearings 5  150. Material of bearing cap Cast iron  151. System of lubrication: xitexxxxxxxx / oil in sump  152. Capacity, lubricant 3.6 ltrs  153. Oil cooler: xxxx / no  154. Method of engine cooling Water  155. Capacity of cooling system 6.0 ltrs  156. Cooling fair (if fitted), dia. 32 cm  157. Number of blades of cooling fan  158. Crankshaft main, type Plain  159. Connecting rad big end, Plain  160. Flywheel (clean)  10.2 kg lbs  15.2 kg lbs  161. Flywheel with clutch (all turning parts)  158. Type of crankshaft: integral / XXXX  159. Type of crankshaft: integral / XXXX  154. Type of crankshaft: integral / XXXX  154. Type of crankshaft: integral / XXXX  154. Method of engine cooling Water  pints  pints  quarts US  154. Method of engine cooling Water  pints  pint	144.	Piston, material	Aluminum			145. Numbe	er of rings	3	
147. Crankshaft: meeting / stamped  148. Type of crankshaft: integral / xxxx  149. Number of crankshaft main bearings 5  150. Material of bearing cap	146.	Distance from gudgeon pin	centre line to hig	hest point o	f piston crows	n			
149. Number of crankshaft main bearings 5  150. Material of bearing cap Cast iron  151. System of lubrication: ***** ***** **** **** **** **** ****		3	57.0 mm			inches			
150. Material of bearing cap Cast iron  151. System of lubrication: xisyxsomm / oil in sump  152. Capacity, lubricant 3.6 ltrs  153. Oil cooler: xxxx / no  154. Method of engine cooling Water  155. Capacity of cooling system 6.0 ltrs  156. Cooling fair (if fitted), dia. 32 cm  157. Number of blades of cooling fan 4  Bearings  158. Crankshaft main, type Plain  159. Connecting rod big end, Plain  Dia. 56 mm  Dia. 49 mm  in.  Waights  160. Flywheel (clean) 10.2 kg lbs  161. Flywheel with clutch (all turning ports)  15.2 kg lbs	147.	Crankshaft: mpylsted /	stamped		148. Type of	crankshaft :	integral /	'xxxx	
151. System of lubrication: MayXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	149.	Number of crankshaft main	bearings 5	5					
152. Capacity, lubricant 3.6 ltrs  153. Oil cooler: XXXX / no  154. Method of engine cooling Water  155. Capacity of cooling system 6.0 ltrs  156. Cooling fair (if fitted), dia. 32 cm  157. Number of blades of cooling fan 4  Bearings  158. Crankshaft main, type Plain  159. Connecting rod big end, Plain  150. Connecting rod big end, Plain  160. Flywheel (clean) 10.2 kg lbs  161. Flywheel with clutch (all turning ports)  152. Method of engine cooling Water  pints  pint	150.	Material of bearing cap	Cast iro	n					
153. Oil cooler: *** / no	151.	System of Jubrication: 3889	xxxxxx / oil in	sump					
155. Capacity of cooling system 6.0 ltrs  156. Cooling fair (if fitted), dia. 32 cm  157. Number of blades of cooling fan 4  Bearings  158. Crankshaft main, type Plain  159. Connecting rod big end, Plain  160. Flywheel (clean)  10.2 kg lbs  161. Flywheel with clutch (all turning parts)  154. Method of engine cooling Water  pints  pints  pints  pints  quarts US  inches  154. Method of engine cooling Water  pints	152.	Capacity, lubricant 3.	6 ltrs			pts			quarts US
156. Cooling fon (if fitted), dia. 32 cm  157. Number of blades of cooling fan 4  Bearings  158. Crankshaft main, type Plain  159. Connecting rod big end, Plain  Walghts  160. Flywheel (clean) 10.2 kg   lbs  161. Flywheel with clutch (all turning parts)   15.2 kg   lbs	153.	Oil cooler: XXXX / no			154. Method	of engine cool	ing Wat	ter	•
Bearings  158. Crankshaft main, type Plain Dia. 56 mm in.  159. Connecting rod big end, Plain Dia. 49 mm in.  Weights  160. Flywheel (clean) 10.2 kg lbs  161. Flywheel with clutch (all turning parts) 15.2 kg lbs	155.	Capacity of cooling system	6.0 Itrs			pints			quarts US
Bearings  158. Crankshaft main, type Plain  159. Connecting rod big end, Plain  Weights  160. Flywheel (clean) 10.2 kg lbs  161. Flywheel with clutch (all turning parts)  Dia. 56 mm in.  Dia. 49 mm in.	156.	Cooling fan (if fitted), dia.	32 cm			inches			
158. Crankshaft main, type Plain  159. Connecting rod big end, Plain  Weights  160. Flywheel (clean)  10.2 kg   lbs  161. Flywheel with clutch (all turning parts)  15,2 kg   lbs	157.	Number of blades of coolin	ng fan 4						
158. Crankshaft main, type Plain  159. Connecting rod big end, Plain  Weights  160. Flywheel (clean)  10.2 kg   lbs  161. Flywheel with clutch (all turning parts)  15,2 kg   lbs									
Waights  160. Flywheel (clean) 10.2 kg lbs  161. Flywheel with clutch (all turning parts)  Dia. 49 mm in.		Bearings							
Waights  160. Flywheel (clean) 10.2 kg lbs  161. Flywheel with clutch (all turning parts) 15.2 kg lbs	158.	Crankshaft main, type	Plain			Dia.	56	mm	in.
160. Flywheel (clean) 10.2 kg lbs  161. Flywheel with clutch (all turning parts) 15.2 kg lbs	159.	Connecting rod big end,	Plain			Dia.	49	mm	in.
160. Flywheel (clean) 10.2 kg lbs  161. Flywheel with clutch (all turning parts) 15.2 kg lbs									
160. Flywheel (clean) 10.2 kg lbs  161. Flywheel with clutch (all turning parts) 15.2 kg lbs		Walabia							
161. Flywheel with clutch (all turning parts)  15.2 kg lbs	140	_	10.2 60		lh	S			
			,		10		kø		lbs
17:7			<del>-</del>	lbs	163. Connect			kg	lbs
164. Piston with rings and pin 0.47 kg lbs			•				-	-	

220. Make of pump

221. Number of plungers

222. Model or type of pump

INJECTION (if fitted)

Secondary 28

223. Total number of injectors

224. location of injectors

225. Minimum diameter of inlet pipe

inches

<sup>\*)</sup> for additional information concerning two-stroke engines and super-charged engines see page 13.

Make Isuzu Motors Limited

Isuzu PA20 Model

F. I. A. Rec. No.

#### ENGINE ACCESSORIES

230.	Fuel	pump	:	mechanical	XXXXXXXXXX

232. Type of ignition system Make and brake ignition

234. No. of ignition coils

236. Generator, typextyrxxxxv/alternator-number fitted 1

238. Voltage of generator

12

233. No. of distributors

231. No. fitted

235. No. of spark plugs per cylinder

237. Method of drive V-belt drive

239. Battery, number

240. Location Engine room

241. Voltage of battery

12

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

250. Max. engine output

84 PS (type of horsepower: JIS ) at

volts

volts

5,200

rpm

251. Maximum rpm

5,200

output at that figure

84 PS

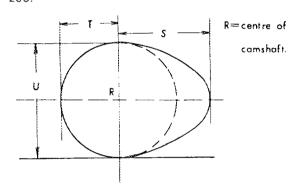
252. Maximum torque 12.4 kg-m at 2.600 rpm

253. Maximum speed of the car

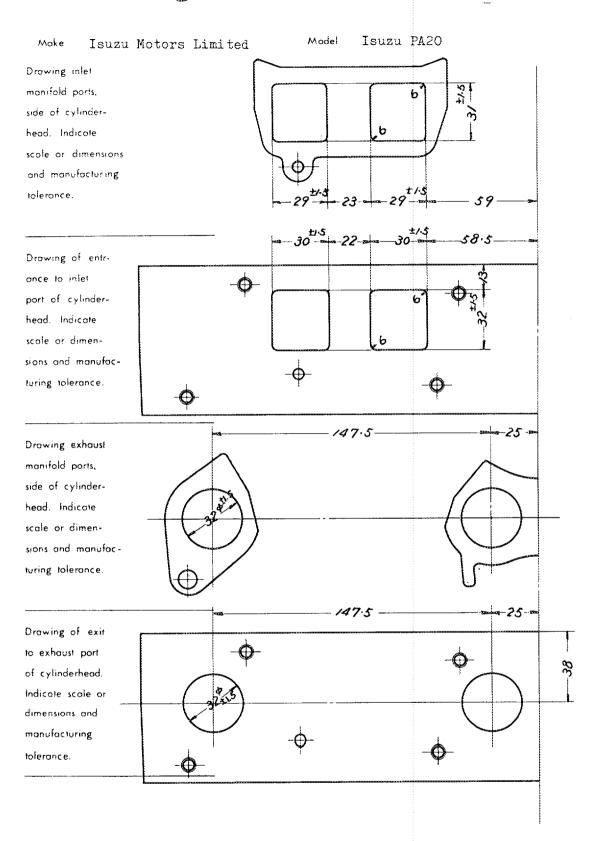
150 km/hour

miles / hour

255.



Inlet cam				
s =	22,2	mm	0,876	inches
τ =	15.8	mm	0,622	inches
U =	31.6	mm	1.245	inches
Exhaust can	<u> </u>			
s =	22.3	mm	0.878	inches
τ =	15.8	mm	0.622	inches
U ==	31.7	mm	1.248	inchee



unit; mm

Isuzu Motors Limited

Isuzu PA20 Model

F. I. A. Rec. No.

#### DRIVE TRAIN

#### CLUTCH

Dry plate 260. Type of clutch

261. No. of plates

262. Dia. of clutch plates

20.3

inches

263. Dia. of linings, inside

14.6

cm cm

in. outside 20.3

264. Method of operating clutch

Mechanical

GEAR BOX photograph H)

270, Manual Type, make

Isuzu

Method of operation Mechanical

271. No. of gear-box ratios forward

272. Synchronized forward ratios

4 (1,2,3,4)

273. Location of gear-shift Floor or Column

type

M35

274. Automatic, make 275. No. of forward ratios Borg Warner 3

276. Location of gear-shift Column

277.	Manual Ratio No. teeth	Automatic Ratio No, teeth	Alternative manual/ <b>xummanx</b> Ratio No. teeth Ratio No. teeth
1	3,507 <u>29</u> x <u>37</u> 18	2,393 <u>67</u> 28	$\frac{28}{19} \times \frac{37}{17}$
2	$2,175 \frac{29}{18} \times \frac{27}{20}$	1,450 <u>67(28+32)</u> 28(32+67)	1,989 <u>28</u> x <u>27</u> 19 20
3	1,418 29 x 22 25	1,000	1,356 <u>28</u> x <u>23</u> 19 25
4	1,000		1,000
5			
6			
reverse	3,927 <u>29</u> ± <u>39</u> 18 ± 16	2,093 <u>67</u> 32	3.592 28 x 39 16

278. Overdrive, type

279. Forward gears on which overdrive can be selected

280. Overdrive ratio

# FINAL DRIVE

290. Type of final drive

Hypoid bevel

291. Type of differential

Bevel

292. Type of limited slip differential (if fitted)

293. Final drive ratio

3.727 or 4,100

Number of teeth

41/11 or 41/10

IMPORTANT: The conformity of the car with the following items of the present recognition form is to be disregarded during the scrutineering, when the vehicle has been entered in group 2 (Touring cars) or 3 (Grand Touring cars): 41, 72, 80, 91, 142, 143, 144, 145, 146, 153, 156, 157, 160, 161, 162, 163, 164, 182, 186, 187, 188, 189, 197, 201, 202, 203, 211, 212, 213, 215, 216, 222, 225, 230, 236, 250, 251, 252, 253, 255, and photographs I, M and N. & page 8

During the scrutineering of cars entered in group 4 (Sportscars) only the following items of the present recognition form are to be taken into consideration: 1, 2, 3, 7, 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, 154, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 291, 292, and photographs A. B. D. E. F. G. H and J.

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

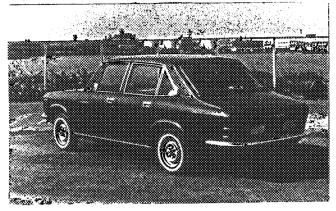
## BRAKES

92. Number of hydraulic master cylinders

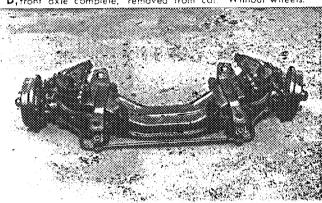
1 (Dual braking system)

Photograph

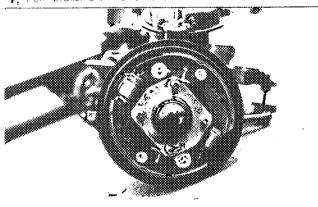
B, 3/4 view of cor from rear



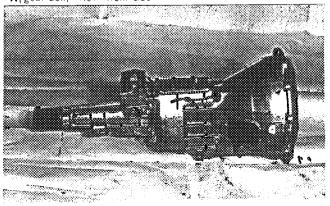
Diffront axle complete, removed from car. Without wheels.



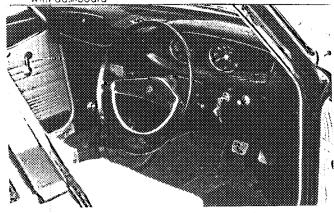
 $\mathbf{F}_{\tau}$  front brake, drum removed or disc with caliper(s)



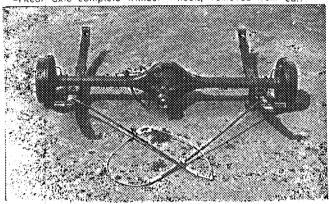
H, gear-box, view from side



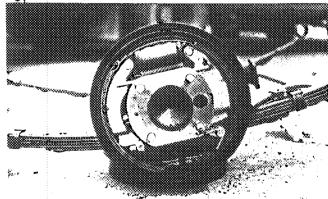
c, interior view of car through driver's door (open or removed)



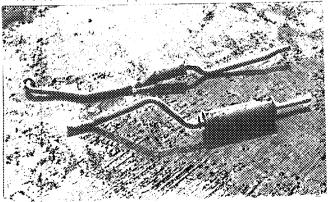
E, Rear axle complete without wheels, removed from car.



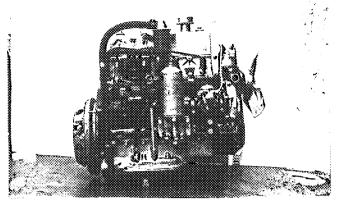
G, rear brake, drum removed or disc with caliperts)

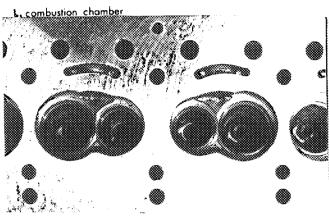


1, silencer + exhaust pipes after exhaust manifold.

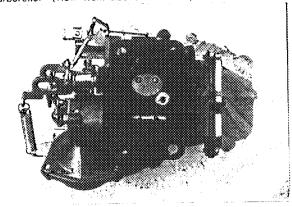


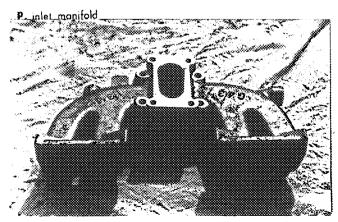
Moke Isuzu Motors Limited engine unit out of car, from right. With clutch and In accessories but without air filter nor gear-box.





N, Carburettor (view from side of manifold)

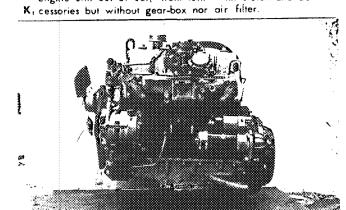




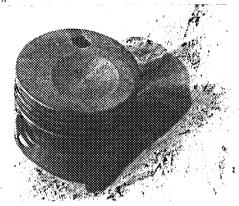
Isuzu PA20 Model

Photograph

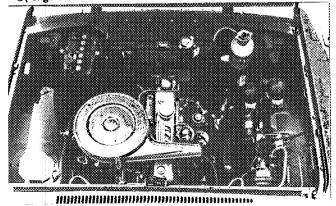
F. I. A. Rec. No Engine unit out of car, from left. With clutch and ac-



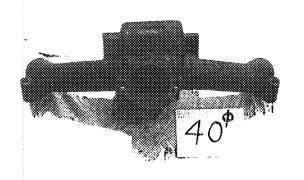
M, piston crown



O, engine in car with all accessories, bannet open or removed



Q, exhaust manifold



Мо	oke Isuzu Motors Lin	nited	Model	Isuzu	PA20	F. I. A. Rec. No.
	TWO STROKE ENGINES					
300.	System of cylinder scavenging					*
301.	Type of lubrication					
302.	Inlet ports, length measured an	ound cylinder wall			mm	inches
303.	Height inlet port	mm	in., 304.	Area	mm²	sq. in.
305.	Exhaust ports, length measured	around cylinder wall			mm	inches
306.	Height exhaust port	mm	in. 307.	Area	mm²	sq. in.
308.	Transfer part, length measured	around cylinder wall			mm	inches
309.	Height transfer port	mm	in. 310.	Area.	mm²	sq. in.
311.	Piston ports, length measured a	round piston			mm	inches
312.	Height piston port	mm	in. 313,	Area	mm²	sq. in.
314.	Method of precompression		315.	Precomp	ression cyl.: yes /no	*
316.	Bore mm	inches	317.	Stroke	mm	inches
318.	Distance from top of cyl. bloc	k to highest point of exha	oust port :		mm	inches
319.	Distance from top of cyl. bloc	k to lowest point of inlet	port :		mm	inches
320.	Distance from top of cyl. bloc	k to highest point of franc	sfer port :		mm	inches
321.	Drawing of cylinder ports.					

330. Supercharging—state full details hereafter :

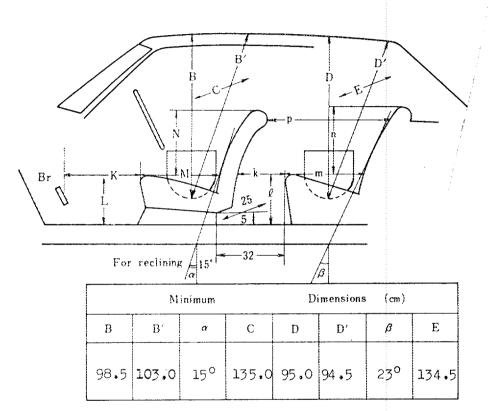
JAPAN AUTOMODILE FEDERATION

Kazunari Komotori

# DIMENSIONS OF INTERIOR

(Conform to Art. 253 b of Appendix J)

For four seaters:



	Ninimum						Dimension	is (cm)		
L	e	M	ltt	N	n	k+m	р	k	k+ <i>l</i> +m	K+L+M
28.0	36.0	45.0	45•5	36.5	40,5	67.0	67.5	21,5	103.0	123.0
0.9L =	25.2	0.85M -	38.3	0.8N =	29.2	0.8(k+m)	= 53.6	(15)	(95)	(120)