AUTOMOBILE COMPETITION AUTOMOBILE COMPETITION FOR THE UNITED STATES 330 Vanderbilt Motor For HAUPPAUGE, L. I., NEW YORK 11787 FEDERATION INTERNATIONALE DE L'AUTOMOBILE
Form of Recognition in accordance with Appendix J to the International Sporting Code.
Manufacturers Reference No. for
Application No. 1353
ManufacturerChevrolet
Model <u>Corvair Corsa 10737</u> Year of Manufacture <u>1965 & 1966</u>
Chassis starts with <u>107375W100001</u> (Letter indicates assembly plant) Serial No. of Engine starts with <u>T0708 RL(1965)</u> T 0730 RA(1966)
Type of Bodywork Welded heavy gauge steel
Recognition is valid from NOV 2 0 1964 In Category Touring <u>x (1966 Group II)</u> or Grand Touring



- 1 -



Stamp of ACCUSFIA, INC. to be affixed here.

Signed **UCT 28** 1964--Sec.

, General description of car: (specifying materials of bodywork)

Fully unitized welded heavy gauge steel body integral with frame, coil spring, spherical joint independent front suspension independent rear suspension with coil springs. Rear mounted engine and transaxle drive.









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No. of cylinders 6 in line	•	ENGINE			/340
opposed x Piring order 1-4-5-2-3-6 Capacity 164 cn. In. wow. Exre 3.438 In. Stroke 2.94 In. Maximum rebore 3.467 In. Material of cylinder block Cast Aluminum Paterial of cast Aluminum Paterial of cylinder block Cast Aluminum Paterial of cylinder aluminum Paterial of cast Aluminum Paterial of cylinder aluminum Paterial of cylinder aluminum Paterial of cylinder aluminum Paterial of cylinder aluminum Paterial of cast Aluminum Paterial of cast Aluminum Paterial of cast Aluminum Paterial of cast Aluminum Paterial of cylinder aluminum Paterial of cylinder aluminum Paterial of cylinder aluminum Paterial of cylinder aluminum Paterial cylinder aluminu		No. of cylinders 6	in line in V	an an a fair an	/ 555
Update 4 Firing order 1-4-5-2-3-6 Chapacity 164 Cu. In. Cox. Fore 3.443 In. Maximum rebore 3.467 In. Resultant capacity 163.56 Cu. Tn. Material of cylinder block Cast Aluminum Resultant capacity 163.56 Cu. Tn. Material of cylinder block Cast Aluminum Resultant capacity 163.56 Cu. Tn. Material of cylinder block Cast Aluminum Resultant capacity 163.56 Cu. Tn. Material of cylinder head Aluminum Natorial of sleeves, if Distance from crankshaft center line to top Conservation of conservation constants Compression ratio 5.25.1 S.25.1 Material of piston Aluminum Allow No. of piston rings 3 1-011 Retaring (Crankshaft main beerings: Type Premium Aluminum Dia. 1.8018 In. Conservating rod big end: Type Premium Aluminum Dia. 1.8018 In. Rearings (Crankshaft main beerings: Type Premium Aluminum Dia. 1.8018 In. Conservating rod Jog Alba. (Wrist pin222 Lbs. Past of valve operation Rocker Arm. Wo. of camshafts Gos Constants In Cyl. Case below Type of camshaft frive Gear Carakshaft Disaneter of valves in Intet 1.333 In. Schaust 1.091 In. Disaneter of valves set: East Intet 1.333 In. Disaneter of valves set: East Intet 200 No. of camshaft frive Gear Schaust 10° BBC Valves open: Intet 200 Valves open:	•		opposed X		
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Material of cylinder block_Cast Aluminan Material of sleeves, if Mitance from crankshaft center line to top Pace of block at center line of cylinders Material of cylinder head Aluminan Volume of one combustion Compression ratio 8.25:1 Material of piston Aluminan Alloy No. of piston rings 2-Comp. Material of piston Aluminan Alloy No. of piston rings 2-Comp. Distance from wrist pin center line to highest point of piston crown liss In. Rearings (Crankshaft 27.50 Lbs.) (Connecting rod J95 Lbs.) Premium Aluminum Dia. 1.8018 in. (Wights) (Alton with rings 1.042 Lbs.) Fush rod spring and tocation of canshafts In Cyl. Case below No. of valves per cylinder 2 Valves operation Rocker Arm Conscitution Case Comp. No. of valves: Inlet 1.345 In. Schaust 1.245 In. Disactor of port Inlet 2.33 In. Schaust 1.245 In. Disactor of port Inlet Schaust 1.091 In. May escale Inlet Zero Schaust 20° Arc Schaust 20° Arc Wa		Maximum rebore 3.467 In.	Bore 3.438 In. Rea	Stroke 2.94 In. Sultant capacity 169.56 Cu. In	•
Distance from crankshaft center line to top face of block at center line of cylinders		Material of cylinder block	Cast Aluminum Mat f	cerial of sleeves, if Citted Cast Iron	
Material of cylinder head Aluminum Volume of one combustion chamber 10.6 0.0.0 Compression ratio 8.25:1 2-Comp. Material of piston Aluminum Alloy No. of piston rings 3 1-011 2-Comp. Distance from wrist pin center line to bighest point of piston crown 1.58 In. 2-Comp. Bearings Crankshaft main bearings: Type Premium Aluminum Dia. 2.1008 In. 2.1008 In. Connecting rod big end: Type Premium Aluminum Dia. 2.1008 In. 1.8018 In. 1.8018 In. Weights Connecting rod .995 Lbs. Premium Aluminum Dia. 1.8018 In. 1.8018 In. Weights Connecting rod .995 Lbs. Push rod spring and Nethod of valve operation Rocker Arm Location of camshafts In Cyl. Case below No. of valves per cylinder 2 Nethod of valve operation Rocker Arm Location of camshafts In Cyl. Case below Crankshaft No. of valves: Inlet 1.345 In. Exhaust 1.041 In. Exhaust 1.010 Rocker Arm Location of camshafts In Cyl. Case below Type of camshafts One Exhaust 1.245 In. Exhaust 1.0245 In. Diameter of port Inlet 1.233 In. Exhaust 2ero Exhaust 2ero Valves coles: Inlet 2ero Exhaust 3741 In. Exhaust 3741 In. Parefees of crankshaft rotation from zero to - Exhaust		Distance from crankshaft ce face of block at center 1	enter line to top ine of cylinders		angestering of a second as
Compression ratio 8.25:1 2-comp. Material of piston from vrist pin center line to highest point of piston crown 1.58 In. 1-011 Distance from vrist pin center line to highest point of piston crown 1.58 In. Connecting rod big end: Type Premium Aluminum Dia. 2.1008 In. Dearings (Grankshaft main bearings: Type Premium Aluminum Dia. 1.8018 In. 1.8018 In. (Crankshaft 27.50 Lbs. (Crankshaft 27.50 Lbs. Push rod spring and pick the pick of the pic		Material of cylinder head A	luminum Vol	ume of one combustion chamber10.6	C.C.
Distance from wish plate plate in the bighest point of piston rown 1.58 In. Bearings { Crankshaft main bearings: Type Premium Aluminum Dia. 2.1008 In. Connecting rod big end: Type Premium Aluminum Dia. 2.1008 In. (Crankshaft <u>27.50 Lbs.</u> (Crankshaft <u>27.50 Lbs.</u> No. of valves per cylinder <u>2</u> No. of valves per cylinder <u>2</u> No. of valves per cylinder <u>2</u> No. of camshafts <u>One</u> No. of camshafts <u>One</u> No. of camshaft drive <u>Gear</u> No. of camshaft drive <u>Gear</u> No. of camshaft <u>1.245 In.</u> Diameter of valves: Enlet <u>1.345 In.</u> Exhaust <u>1.245 In.</u> Diameter of valves: Enlet <u>1.233 In.</u> Tappet clearance for checking timing: Inlet <u>Zero</u> Valves open: Inlet <u>82° ETC</u> Exhaust <u>1.009 In.</u> Tappet clearance for Carakshaft rotation from zero to - Maximum lift: Inlet <u>3741 In.</u> m.m. Exhaust <u>3741 In.</u> Degrees of crankshaft rotation from zero to - Maximum lift: Inlet <u>No. per valve <u>2</u> Carburetor: Type Horizontal Side Draft No. fitted <u>One</u> (up or down draft, horizontal) Make <u>Carter</u> <u>2.0025 In.</u> Nain jet identification No. 120-257 - 3 -</u>		Compression ratio 8.25:1	All and No	2-Comp.	**********
Bearings {Crankshaft main bearings: Type Premium Aluminum Dia. 2.1008 In.		Distance from wrist pin cent	er line to highest p	point of piston crown 1.58 In	• •
Keights { Flysheel 14.0 Lbs. (Crankshaft 27.50 Lbs. (Crankshaft 27.50 Lbs.) Weights { Flston with rings 1.042 Lbs. (Wrist pin228 Lbs.) Push rod spring and Mot of valves per cylinder 2 (Based of valve operation Rocker Arm Location of camshafts		Bearings (Crankshaft main (Connecting rod b	bearings: Type Premi ig end: Type Premi	ium Aluminum Dia. 2.1008 In. ium Aluminum Dia. 1.8018 In.	
No. of valves per cylinder 2 Method of valve operation Rocker Arm No. of camshafts one In Cyl. Case below Type of camshaft drive Gear crankshaft Diameter of valves: Inlet 1.345 In. Exhaust 1.245 In. Diameter of port at valve seat: Inlet 1.233 In. Exhaust 1.091 In. Tappet clearance for checking timing: Inlet 2ero Exhaust 2ero Valves open: Inlet 82° ETC Exhaust 110° EBC Valves open: Inlet 30° ATC Exhaust 370° ATC Aximum valve lift: Inlet 3741 In. m.m. Exhaust 3741 In. Degrees of crankshaft rotation from zero to - Exhaust 3741 In. Exhaust 3741 In. Valve springs: Inlet Exhaust 2 Inclet 2 Valve springs: Inlet Exhaust 3741 In. Exhaust 3741 In. Valve springs: Inlet Exhaust 3741 In. Inlet 2 Valve springs: Inlet Exhaust 3741 In. Exhaust 3741 In. Valve springs: Inlet Exhaust 3741 In. Exhaust 3741 In. Valve springs: Inlet Exhaust 3741 In. Exhaust 3741 In. No. per valve 2 2		(Flywheel 14.0 (Crankshaft 27.3 Weights (Connecting rod (Piston with ring (Wrist pin .226	Lbs. 50 Lbs. .995 Lbs. s 1.042 Lbs. Lbs.		
No. of valves per cylinder 2 Method of valve operation Rocker Arm No. of camshafts <u>one</u> Location of camshafts <u>in Cyl. Case below</u> Type of camshaft drive_ <u>Gear</u> Location of camshafts <u>in Cyl. Case below</u> Diameter of valves: Inlet <u>1.345 In</u> . Exhaust <u>1.245 In</u> . Diameter of port Inlet <u>1.233 In</u> . Exhaust <u>1.091 In</u> . Tarpet clearance for Exhaust <u>10° EBC</u> Valves open: Inlet <u>82° ErC</u> Exhaust <u>110° EBC</u> Valves close: Inlet <u>10° ABC</u> Exhaust <u>70° ATC</u> Aximum valve lift: Inlet <u>.3741 In</u> , m.m. Exhaust <u>3741 In</u> . Degrees of crankshaft rotation from zero to - Exhaust <u>10° EBC</u> Maximum lift: Inlet Exhaust <u>2ero</u> Valve springs: Inlet Exhaust <u>20° ATC</u> Valve springs: Inlet Exhaust Type <u>Coil Steel</u> Coil Steel 2 No. per valve <u>2</u> <u>2</u> 2 Carburetor: Type Horizontal Side Draft Ko. fitted <u>One</u> Nain jet identification No. <u>120-257</u> Yodel <u>3873818 YH4020-8</u> Choke diameter <u>2.0625 In</u> .				Push r	od spring and
Diameter of valves: Inlet_1.345 In. Exhaust_1.245 In. Diameter of port at valve seat: Inlet_1.233 In. Exhaust_1.091 In. Tappet clearance for checking timing: Inlet_Zero Exhaust_1.091 In. Valves open: Inlet_82° ETC Exhaust_110° EBC Valves close: Inlet_110° ABC Exhaust_110° BBC vaximum valve lift: Inlet_3741 In. m.m. Degrees of crankshaft rotation from zero to - Maximum lift: Inlet		No. of valves per cylinder No. of camshafts <u>One</u> Type of camshaft drive <u>Geau</u>	2 Met Loc	hod of valve operation Rocker ation of camshafts <u>In Cyl. C</u>	Arm ase below crankshaft
at valve seat: Inlet 1.233 In. Exhaust 1.091 In. Tappet clearance for checking timing: Inlet Zero Exhaust Zero Valves open: Inlet 82° ETC Exhaust 110° EBC Valves close: Inlet 110° ABC Exhaust 70° ATC s'aximum valve lift: Inletm.m. Exhaust 70° ATC s'aximum valve lift: Inletm.m. Exhaust		Diameter of valves: Inlet	1.345 In.	Exhaust 1.245 In.	· .
Tappet clearance for checking timing: Inlet Zero Exhaust Zero Valves open: Inlet 110° ABC Exhaust 110° BBC Valves close: Inlet 110° ABC Exhaust 70° ATC Aximum valve lift: Inlet .3741 In. m.m. Exhaust .3741 In. Degrees of crankshaft rotation from zero to - Maximum lift: Inlet Exhaust .3741 In. Valve springs: Inlet Exhaust Exhaust Valve springs: Inlet Exhaust Type Coil Steel		at valve seat: Inlet	1.233 In.	Exhaust 1.091 In.	
checking timing: Inlet Zero Exhaust Zero Valves open: Inlet 82° BTC Exhaust 110° BBC Valves close: Inlet 110° ABC Exhaust 70° ATC Maximum valve lift: Inlet 3741 In. m.m. Exhaust 3741 In. Degrees of crankshaft rotation from zero to - Maximum lift: Inlet Exhaust 3/4 Maximum lift: Inlet Exhaust Valve springs: Inlet Exhaust Valve springs: Inlet Exhaust Type Coil Steel Coil Steel 2 No. per valve 2 Carburetor: Type Horizontal Side Draft No. fitted One (up or down draft, horizontal) Make Carter No. 120-257 Flange hole diameter 32.605 In. Main jet identification No. 120-257 - 3 -		Tappet clearance for			
Values open: Inlet 82° BTC Exhaust 110° BBC Values close: Inlet 110° ABC Exhaust 70° ATC Maximum value lift: Inlet .3741 In. m.m. Exhaust .3741 In. Degrees of crankshaft rotation from zero to - Exhaust .3741 In. Exhaust .3741 In. Degrees of crankshaft rotation from zero to - Maximum lift: Inlet Exhaust 3/4 Maximum lift: Inlet Exhaust Exhaust Valve springs: Inlet Exhaust Valve springs: Inlet Exhaust Type Coil Steel No. per valve 2 Carburetor: Type Horizontal Side Draft No. fitted One Wake Carter Model 3873818 YH4020-S Flange hole diameter 43.605 In. Choke diameter 2.0625 In. Wain jet identification 120-257 - 3 - -		checking timing: Inlet	Zero	Exhaust_Zero	
Valves close: Inlet 110° ABC Exhaust 70° ATC Maximum valve lift: Inlet		Valves open: Inlet	82° BTC	Exhaust 110° BBC	
Maximum valve lift: Inlet .3741 In. n.m. Exhaust .3741 In. Degrees of crankshaft rotation from zero to - Maximum lift: Inlet Exhaust		Valves close: Inlet	10° ABC	Exhaust 70° ATC	
Degrees of crankshaft rotation from zero to - Maximum lift: Inlet Exhaust 3/4 Maximum lift: Inlet Exhaust Valve springs: Inlet Exhaust Type Coil Steel Coil Steel No. per valve 2 2 Carburetor: Type Horizontal Side Draft No. fitted One (up or down draft, horizontal) Make Carter Model 3873818 YH4020-S Flange hole diameter 42.605 In Choke diameter 2.0625 In. Main jet identification No 3 -		waximum valve lift: Inlet	.3741.In. m.m.	Exhaust .3741 In.	
Maximum lift: Inlet Exhaust 3/4 Maximum lift: Inlet Exhaust Valve springs: Inlet Exhaust Valve springs: Inlet Exhaust Carburetor: Type Coil Steel No. per valve 2 2 Carburetor: Type Horizontal Side Draft No. fitted Make Carter Model 3873818 YH4020-S Flange hole Giameter 120-257 Choke Giameter 2.0625 90 - 3 - - 3 - - 3 - - 3 - - 3 -		Degrees of crankshaft rotati	on from sono to		
3/4 Maximum lift: Inlet Exhaust Valve springs: Inlet Exhaust Type Coil Steel Coil Steel No. per valve 2 2 Carburetor: Type Horizontal Side Draft No. fitted Make Carter Model 3873818 YH4020-S Flange hole diameter 2.0625 In. Choke diameter 2.0625 In. Main jet identification No. 120-257 - 3 - - 3 -		Maximum lift: Inlet		Exhaust	
Valve springs: Inlet Exhaust TypeCoil Steel Coil Steel No. per valve_2 2 Carburetor: Type_Horizontal Side Draft No. fitted_One (up or down draft, horizontal) No. fitted_One No. Make_Carter No. Nodel_3873818_VH4020-S Flange hole_diameter_C1:605 In. Choke diameter_2.0625 In. Main jet identification No. 120-257 O -3 -		3/4 Maximum lift: Inlet		Exhaust	
Type Coil Steel No. per valve 2 Carburetor: Type Horizontal Side Draft No. fitted One (up or down draft, horizontal) Make Carter Make Carter Main jet identification No. 120-257 One Choke diameter One - 3 -		Valve springs:	Inlet	Exhaust	
Iype					
Carburetor: Type Horizontal Side Draft No. fitted One (up or down draft, horizontal) Make Carter Note Carter No. 120-257 Flange hole diameter (1.605 In. Choke diameter 2.0625 In. Nain jet identification No. 120-257		No. per valve	2	2	
Make <u>Carter</u> Model <u>3873818 YH4020-S</u> Flange hole diameter <u>1.605 In.</u> Choke diameter <u>2.0625 In.</u> Main jet identification <u>No. 120-257</u> <u>90</u> <u>1.1076760046</u> <u>90</u> <u>1.1076760046</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>90</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-257</u> <u>1.20-2</u>		Carburetor: Type Horizont	al Side Draft	No. fitted One	and that have to be the
Flange hole diameter 1.605 In. Main jet identification No. 120-257		(up or down Make Carter	i urait, norizontal) Mode	el 3873818 YH4020-S	
Main jet identification No. <u>120-257</u> 90 G (//J)))))) 90 - 3 -		Flange hole diameter 41.605	In. Chol	ke diameter 2.0625 In.	-
		Main jet identification No.	120-257		
		Halle uniteresting //S/	- 3 -		
		10 10		· *• ,	

Air filter: Type <u>Oil Wetted Polyurethane</u> No. fitted <u>One</u> Inlet manifold:

Diameter of flange hole at carburetor Air Inlet on Blower 1.625 In. Diameter of flange hole at port 1.312 In. Cast Integral with Head



Diameter of flange hole at port 1.171 In. Diameter of flange hole at connection to muffler inlet pipe 1.406 In.





ENGINE ACCESSORIES

Make of fuel pump AC	No. fitted One
Method of operation Eccentric drive off rear	of crankshaft
Type of ignition system Coil Make of ignition Delco-Remy	coil or magneto Model_1110329
Method of advance and retard Centrifugal and	d Boost Pressure
Make of ignition coil Delco-Remy	Model
No. of ignition colls_One	vortage12_volt
Make of generator <u>Delco-Remy</u>	Model 1100639
voltage of generator 14.8	Maximum output <u>9-37</u> amps.
Make of starter motor <u>Delco-Remy</u>	Model 1108306
Battery: No. fitted <u>One</u> Voltage <u>12</u>	Capacity 44 @ 20 Hr. Rate _ amp. hour
- 4 -	- - -

TRANSMISSION

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Semi centrifugal diaphragm

Mak	e of clute	h Chev	rolet				Type spring with single dry disc.				disc.
Diameter of clutch plate 9.12 In. No. of plates One											
Method of operating clutch Foot pedal thru linkage											
No of gearbox ratios 4											
Net	bod of one	rating g	4 Parshift	Lover	(floor-m	ounted)	thru lin	kare			
Loc	ation of g	earshift	Floor	Dever	(11001 11	ountedy		<u></u>		·····	
Is	overdrive	fitted?	No				· · · · · · · · · · · · · · · · ·				
Met	hod of con	trolling	overdri	ve, if f	itted						
	r									5	
	ļ	GEARBO.	X RATIOS		I Ma a P	ALTERNAT	IVE RATIO	05	I No - P	4	
	Speed	Patio	NO.0I Teeth	Potio	Theth	Potio	NO.0I Teeth	Patio	No.01		
	Dheen	112010	166.00	Macro	100011	1/2010	100 011	112010	100.011	4	
	lst.	3.20									
	2nd.	2.19									
	3rd.	1.44									
	4th.	1.0:1									
	5th.										
	Reverse	3.66						<u></u>		j	
Тур	e of final	drive	Transax	le - Str	addle mo	unted hy	poid gea	r - Inte	gral with	eng.	& trans.
Тур	e of diffe	rential	Positra	ction							
Fin	al drive ra	atio_3.5	5:1			Alternati	ves <u>3</u> .	27:1	3.89:	1	
N	o. of teet	1 <u>32 & 9</u>	9				36	& 11	35 & 9	9	
ove	rurive rat.	11 II , 11	ea	No							
WHE	ELS										
Typ	e <u>Short</u> Sp	oke Disc	Stee	1		Weight	16.0 L	bs. Appr	ox.	-	
Met	hod of atta	achment	5 - Hex	Nuts							
Rim	diameter_	13.0 In	•		I	Rim width	<u> </u>	0 In.		-	
Tir	e size: Fi	cont <u>6</u>	.50 x 13		I	Rear 6.	50 x 13				
BRA	KES										
Metl	hod of open	ration	Foot Peda	al - 4 W	heel Hyd	raulic					
Is	servo assis	stance fi	tted?	No		- .					
Тур	e of servo	, if fitt	ed								
No.	of bydrand	10170 To maste	r revlind	ers	020	Pore		0 7-	₩	mm.	
1.0.							1.0	<u>0 In.</u>	<u>*</u>		
*	.875 w/opt	ional) met	tallig bi	rakes.				5			
	ici	仁相和 和60	112/2/		- 5 -						
	16		1St								
	A STATE	a la companya da ser a companya da ser									
	, <i>"</i>)	Provide States	2				· · · · .				
		an the first to									

Front

Rear

No. of wheel cylinders	2	2
Bore of wheel cylinders	.875 In.	.9375 In.
Inside diameter of brake drums	9.5 In.	9.5 In.
No. of shoes per brake	2	2
Cutside diameter of brake discs	- m.m.	- m.m.
No. of pads per brake	16	16

Dimensions of brake linings per shoe or pad (if all shoes or pads in each brake are not of same dimensions, specify each)

·	FIONC	itea.
Length	Prim. 1.64 In	Prim. 1.64 In.
Width	Sec. 1.64 In. 1.25 In.	Sec. 1,64 In. 1.00 In.
Total area per brake	32.80 In ²	26.24 In ²
SUSPENSION	Front	Rear
Туре	Independent	Independent
Type of spring	Coil	Coil
Is stabiliser fitted?	Yes	Yes
Type of shock absorber	Hyd. Double Acting Direct	Same as Front
No. of shock absorbers	2	2

STEERING

Type of steering gearSemi-reversible, recirculating ballTurning circle of carOutside Front 35.2 Ft. Curb to Curb.approx.No. of turns of steering wheel from lock to lock4.70(3.25 @)

CAPACITIES AND DIMENSIONS

Fuel tank 14 Gal. Sump 4.5 Qts. ** litres Radiator None Overall length of car 183.3 In. Overall width of car 69.7 In. Overall height of car, unladen (with top up, if appropriate) 51.2 In. Distance from floor to top of windshield: Highest point 39-3/4 In. Lowest point 39-5/8 In. Width of windshield: Maximum width 54-5/8 In. Minimum width 44-3/4 In. *Interior width of car 54.7 In. No. of seats 2 Front, 1 Rear Front 55.0 In. Track: 57.2 In. Rear Wheelbase 108 In. Ground clearance 5.4 In. Overall weight with water, oil and spare wheel, but without fuel 2218 Lbs. 6 6537 63 *(To be measured at the immediate rear of the steering wheel, and the width quoted to be maintained in a vertical plane of not less than 25 cms.) ** Optional AUG(QUALS 0 - 6 -@ With optional 14:1

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Additional information for cars fitted with two-cycle engines only:

System of cylinder scavenging Type of lubrication	
Size of inlet port: Length measured around cylinder wall Height Area	
Size of exhaust port: Length measured around cylinder wall Height m.m. Area	m.m.2
Size of transfer port: Length measured around cylinder vall Heightm.m. Area	m.m.2
Size of piston port: Length measured around piston Heightm.m. Area	m.m.2
Method of pre-compression	m.m.
Distance from top of cylinder block to lowest point of inlet port Distance from top of cylinder block to highest point of exhaust port Distance from top of cylinder block to highest point of transfer port	m.m. m.m. m.m.
Drawing of cylinder ports.	

Supercharger, if fitted Make Thompson Type of drive Exhaust Turbine	Model or Type No. <u>Turbo-Supercharger</u> Ratio of drive <u>Does not apply</u>
Fuel injection, if fitted Make of pumpy Make of injectors Location of injectors	Model or Type No Model or Type No
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Additional information for cars fitted with two-cycle engines only:

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System of cylinder scavenging Type of lubrication	
Size of inlet port: Length measured around cylinder wall Height m.m. Area	m.m.2
Size of exhaust port: Length measured around cylinder wall Height m.m. Area	m.m. m.m. ²
Size of transfer port: Length measured around cylinder wall Heightm.m. Area	m.m. ; m.m.2
Size of piston port: Length measured around piston Height m.m. Area	m.m.2
Method of pre-compression Bore and stroke of pre-compression cylinder, if fitted	m.m.
Distance from top of cylinder block to lowest point of inlet port Distance from top of cylinder block to highest point of exhaust port Distance from top of cylinder block to highest point of transfer port	m.m.
Drawing of cylinder ports.	

Supercharger, if fitted Make Thompson Type of drive Exhaust Turbine		Model o Ratio o	or of (Type No. <u>Turbo-Supercharger</u> drive_Does not apply
Fuel injection, if fitted Make of pumpy Make of injectors Location of injectors		Model o Model o	or or	Type No
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Optional equipment affecting preceeding information:

Wheels - Wire, Aluminum, Magnesium 6 x 13 - 6.5 x 13 - 7 x 13 - 8 x 13
Fuel Tank - 20 Gal. Capacity
Oil Cooler - Heavy Duty
Engine Blower Pulley - 1.2:1 Ratio
Optional Brakes - Sintered Iron Metallic Lining
Optional Axle Ratios - 3.08:1, 3.70:1, 4.11:1
Optional Suspension - H.D.
Reduced Ratio Steering Gear - 14.0:1 and Linkage
Steel Tubing Exhaust Headers - 1.375 Inlet, 2.00 Outlet
H.P. Camshaft
Optional Electric Fuel Pump
Increased Capacity Oil Pan



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Optional Equipment Affecting Preceding Information

1353/H

Wheels - Wire 6.5 x 13

Optional Axle Ratios 3.70:1

Optional Suspension H.D.

Reduced ratio steering gear and linkage (14:1 gear, 12:1 O.A.)

Increased capacity oil pan - 7 qts.

Optional engines 95 H.P. 110 H.P. 140 H.P.

Specifications for optional engines are the same except as noted on supplementary specification sheets.

Recognition is valid from 1st april 1965

ampand signature: DE (JUTPCOOUL)

AUTOMOBILE COMPETITION COMMITTEE

FOR THE UNITED STATES, FIA, INC.

XXXXX Addenda -1-

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XT				
NO. OI CJ	linders	in V		
		opposed		
Cycle		Fir	ing order	
Capacity	cc Bore	mm	Stroke	
Maximum 1	rebore	Res	ultant capacity	
Material	of cylinder block	Mat f	erial of sleeves, if itted	
Distance	from crankshaft center line	e to top		
face of	block at center line of cy	ylinders		
Material	of cylinder head	Vol	ume of one combustion hamber 55.3	
Compressi	on ratio 8 25	-		
Matorial	of niston	No .	of piston rings	
Dictance	from wrist nin center line	to highest	point of piston crown	
DIStance	iiom wiibo pin center iine	00 112B10000	Forme on Franciscus	
	(Crankshaft main bearings:	т ур <u>е</u>	Dia	
Bearings		m-m-		
	(connecting rod big end:	туре	Dra •	
	(Flynnbeel	ka		
	(rrankshaft	<u>~~</u> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
lint ant-	(Connecting rod	<u>~</u> ~~~		
METRUCE	(Diston with singe	rø		
	(Intet ata	ng		
	(HT TOO hTH	<u> </u>		
37				
No. OI Ca Type of c	mshafts amshaft drive	Loc	ation of camshafts	
No. of ca Type of c Diameter Diameter	mshafts amshaft drive of valves: Inlet of port	Loc	ation of camshafts	mr
No. of ca Type of c Diameter Diameter at valv	mshafts amshaft drive of valves: Inlet of port e seat: Inlet	Loc mm	ation of camshafts Exhaust Exhaust	m
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Air filter: Type	No. fitted
Inlet manifold:	1.050
Diameter of flange hole at carbureto:	r 1.250 mm
Diameter of flange hole at port1.	312 Cast Integral w/head
(Photograph of combustion chamber to be affixed here.)	(Photograph of inlet manifold to be affixed here.)
Exhaust manifold: Diameter of flange hole at port	mm
Diameter of flange hole at connection	n to muffler inlet pipe mm
(Photograph of piston showing crown to be affixed here.)	(Photograph of exhaust manifol to be affixed here.)
ENGINE ACCESSORIES	
Make of fuel pump	No. fitted
	······································
Type of ignition system	coil or matneto
Make of signition	Model
	Model
No. of tamition coits	Voltage
Make of generator	Model
Voltage of generator	Maximum output amps.
Make of starter motor	 Model

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Battery: No. fitted______ voltage_____ Capacity_____ amp hour

XXXXX Addenda -3-

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Cualo				Upposed T	irin	a order		
Capacity	·····	00	Bore	I'	mm	Stroke		
Maximum r	ehore		B016		esult	tant capac	itv	
Haximum is				I.		ourre capaci		
Material (of cylinde:	r blocl	<u></u>	M	ater: fit	ial of slee ted	eves, if	
Distance :	from cranks	shaft d	center lin	e to top				
face of	block at o	center	line of c	ylinders_				
Matorial	of orlinder	r heed		V	ດໄນຫຍ	a of one co	mbustion	
Material	Or Cyrrinder	i neau_		V	char	mber 48.0	0	
Compressio	on ratio	9.25						<u></u>
Material d	of piston			N	o. ot	f piston ri	ings	
Distance :	from wrist	pin ce	enter line	to higher	st po	oint of pis	ston crown	
	(Crowleaket	et moin	hearings			Dic	2	
Bearing	(Uranksnai	.t mali	i bearings	: Type		D18	l •	
near tiike	(Connectir	ng rod	hig end.	Type		Die	a .	
	,		J.B CIIC.	~7 20				
	(Flywheel			k	g			
	(Crankshaf	ĉt		k	g			
Weights	(Connectir	ng rod		k,	g			
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No. of val No. of car Type of ca	(Wrist pir lves per cy nshafts amshaft dri	n 7linden Lve	·	K Me I.c	g ethod ocati	l of valve ion of cams	operation_ shafts	
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No. of val No. of car Type of ca Diameter of at valve Tappet cle checking Valves ope Valves clo Maximum va Degrees of Maximum li 3/4 maximum	(Wrist pir lves per cy nshafts	l vlinden ive Inlet Inlet Inlet Inlet Inlet Inlet Inlet	5 5	K	g ethod ocati n n n	l of valve ion of cams Exhaust Exhaust Exhaust Exhaust Exhaust Exhaust Exhaust	operation_ shafts 97° BBC 63° ATC .3907 In. Exhaust	
No. of val No. of car Type of ca Diameter of at valve Tappet cle checking Valves ope Valves of Maximum va Degrees of Maximum li 3/4 Maximu Valve	(Wrist pir lves per cy nshafts	linder vlinder Inlet Inlet Inlet Inlet Inlet Inlet Inlet Per va	5 5	K	g ethod ocati n n n	l of valve ion of cams Exhaust Exhaust Exhaust Exhaust Exhaust Exhaust Exhaust No. fitte	operation_ shafts 97° BBC 63° ATC .3907 In. Exhaust	
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No. of val No. of car Type of ca Diameter of Diameter of at valves Tappet cla checking Valves ope Valves of Maximum va Degrees of Maximum li 3/4 Maximum li 3/4 Maximum li S/4 Maximum li Carburetor	(Wrist pir lves per cy nshafts amshaft dri of valves: of port e seat: earance for g timing: en: ose: ilve dift: f crankshaft ift: ings. Type No. c: Type (up	Inlet Inlet Inlet Inlet Inlet Inlet Inlet Inlet Inlet Inlet Inlet Inlet	5 55° BT 5 105° AB 5 105° AB 6 .3907 In ation from 5 Inlet Inlet alve m Draft m draft, ho	K	g ethod ocati n n n æx -	l of valve ion of cams Exhaust Exhaust Exhaust Exhaust Exhaust Exhaust No. fitte 7025024	operation_shafts 97° BBC 63° ATC .3907 In. Exhaust	
No. of val No. of car Type of ca Diameter of at valve Tappet cle checking Valves ope Valves ope Valves of Maximum va Degrees of Maximum in 3/4 Maximum Valve opri Carburetor Make Roo Flange hol	(Wrist pir lves per cy nshafts amshaft dri of valves: of port e seat: earance for g timing: en: ose: ilve dift: f crankshaft ift: ngs Type No. r: Type (up chester le diameter	Inlet Inlet Inlet Inlet Inlet Inlet Inlet Inlet Inlet Inlet	5 55° BTC 5 55° BTC 5 105° ABC 6 .3907 In 105° ABC 6 .3907 In 105° ABC 5 .3907 In 105° ABC 105° ABC 105° ABC 105° ABC 10	K	g ethod ocati n n n æx -	l of valve ion of cams Exhaust Exhaust Exhaust Exhaust Exhaust Exhaust No. fitte 7025024 diameter	operation_shafts 97° BBC 63° ATC .3907 In. Exhaust ed2 2.281 In.	

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Inlot manifold:		NO. IIUUea	
Diameter of flange h	ole at carburetor	1.250	m
Diameter of flange h	ole at port 1.31	2 Cast Integral w/head	m
		4	
(Photograph of co	ombustion chamber	(Photograph of	inlet manifol
to be all.	ixed here.)		ixed here.,
Exhaust manifold.			
Diameter of flange ho	ole at port		m
Diameter of flange ho	ole at connection t	to muffler inlet pipe	m
(Photograph of pi	lston showing	(Photograph of	exhaust manif
crown to be att	'ixed here.)	TO DO 911	
			(1xed here.)
			lixed nere.)
			(1xed here.)
			lixed nere.)
ENGINE ACCESSORIES			lixed nere.)
ENGINE ACCESSORIES Make of fuel pump		No. fitted	lixed here.)
ENGINE ACCESSORIES Make of fuel pump Method of operation		No. fitted	lixed nere.)
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of Egnition System		No. fitted	coil or matnet
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of lightion system Make of Agnition	- - -	No. fitted 	coil or matnet
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of ignition speter Make of Agnition Method of advance and		No. fitted Model	coil or matnet
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of ignition speter Make of advance and Method of advance and Make of advance and Make of advance and		No. fitted 	coil or matnet
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of ignition Make of fignition Method of advance and Make of ignition cot	1 retard	No. fitted Model Model	coil or matnet
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of ignition system Make of Agnition Method of advance and Make of advance ad	n	No. fitted Model Model Nodel	coil or matnet
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of ignition system Make of cignition Method of advance and Make of generator	n	No. fitted Model Model Model Model Model	coil or matnet
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of ignition system Make of advance and Make of generation No. of fuel pump Make of generator	n retard	No. fitted Model Model Model Model Model	coil or matnet
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of ignition system Make of Signition Method of advance and Make of generation No. of saition corre- Make of generator Voltage of generator Make of starter motor	n	No. fitted Model Model Model Model Model Model	coil or matnet
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of ignition speter Make of dignition Method of advance and Make of generator No. of finition corres Make of generator Voltage of generator Make of starter motor Battery: No. fitted	etard	No. fitted Model Model Model Model Model	coil or matnet
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of ignition system Make of ignition Method of advance and Make of generator No. of generator Make of generator Make of generator Make of starter motor Battery: No. fitted	vetardvoltage	No. fitted	coil or matnet
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of lightion system Make of lightion system Make of lightion corressor No. of contraction corressor Make of generator Make of generator Make of starter motor Battery: No. fitted	<pre>vetard</pre>	No. fitted	coil or matnet
ENGINE ACCESSORIES Make of fuel pump Method of operation Type of ignition system Make of ignition Method of advance and Make of ignition corres Make of generator Make of generator Make of generator Make of starter motor Battery: No. fitted	n retard voltage Adde	No. fitted	coil or matnet

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ENGINE			dan Jahan	-			
No of O	rlindowa		in line	2			
NO. OF CJ	anners			1			
Cvcle			off of or	Firing	order		*
Capacity	·····	cc Bore		mm S [.]	troke		mm
Maximum r	rebore			Resulta	nt capac	ity	cc
Material	of cylinder	block		Materia	l of sle d	eves, if	
Distance face of	from cranksh block at ce	naft center l enter line of	ine to top cylinders	p 3			mm
Material	of cylinder	head		Volume o	ofonec er 50	ombustion	cc
Compressi	on ratio 🤤	9.25					
Material	of piston			No. of]	piston r	ings	
Distance	from wrist p	oin center li	ne to high	nest poir	nt of pi	ston crown	mm
Bearings	(Crankshaft (z main bearing	gs: Typ <u>e</u>		Di	a	nm
2001 1100	Connecting	g rod big end	: Type_		Dí	a	m
	(Florebool			1. ~			
	(Crankshaft			rg kg			
Weights	(Connecting	, rod		kg			
	(Piston wit	h rings		kg			
	(Wrist pin	······································	,	kg		· ·	
No. of car Type of car Diameter (mshafts amshaft driv of valves:	Tnlet 1.725	5 In.	Location	n of cam	shafts	
Diameter	of port			-	· · · · · ·		
at valve	e seat:	Inlet		mm E	Exhaust_	•	mm
checking	g timing:	Inlet		imm F	Exhaust	, ,	mm
Velver		т	×۳.0			0.7 ° DDO	
Valves ope	en:	Inlet 55 E		. Ľ	Exnaust_	97 BBC	
Mayimum Tre		$\frac{11120}{105} \frac{105}{4}$	IBC	т. Т	whenet	<u> </u>	
		<u></u>	111.			.3907 111.	XNNK
Degrees of	f crankshaft	rotation fro	om zero to	-			
Maximum 1	ift:]o	Inlet		E	Lxhaust_		
3/4 Maxim		Inlet		. E	khaust_		
Valve	ings :	Inlet	;			Exhaust	
in the second	Type_						
	No. p	er valve		·			
Carbureton	: Type	Down Draft		N	o. fitte	ed 4	
	(up o	r down draft,	horizonta) 7	025023 ((Prim.)	
MakeR	ochester			Model 7	025226 (Sec.)	
Flange hol	le diameter_	1.250 In.	XIRCX	Choke di	ameter	2.281 In.	##K
Main jet j	Identificatio	on No. 51 Pr	i. 48 Sec	•			
		Ac	idenda -6	بەن .			

Air filter: Type	No. fitted	
Inlet manifold:		
Diameter of flange h	ole at carburetor 1.250 In. Both	mm
Diameter of flange h	ole at port 1.312 Cast integral with head	mm



(Photograph of combustion chamber to be affixed here.)

Exhaust manifold: Diameter of flange hole at port______mm Diameter of flange hole at connection to muffler inlet pipe _____mm

(Photograph of piston showing crown to be affixed here.) (Photograph of exhaust manifold to be affixed here.)

ENGINE ACCESSORIES	
Make of fuel pump	No. fitted
Method of operation	
Type of ignition system	coil or matneto
Make of Agnition	Model
Method of edvance and rotard	
ELL AUTOHOBILE Z	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Make of tention coil	Model
No. of ignition coils	Voltage
Make of generator	Model
Voltage of generator	Maximum output amps.
Make of starter motor	Model
Battery: No. fitted voltage	Capacity amp hour

XXXXX Addenda -7-