

# FEDERATION INTERNATIONALE DE L'AUTOMOBILE

PONTIA	180			
	MARQUE ET MOE	DELE	VALIDITE HOMOLOGATION	FICHE NR.
				GT/6500
		TANA DA CONTROL CONTRO		GROUPE / CLASSE
EXTENSIONS	DEBUT VALIDITE	DESC	RIPTION	NOTES
		-1		
Autres homologation	ons du modèle			
	<i>I</i>	1		
/érifiée le 13/0	3/46 par	visée ce jour le	par	

(Mr. 180

### CERTIFICATE OF MINIMUM: PRODUCTION

Name of Manufacturer		PONTIAC MOTOR DIVISION
Name of Model	Tempes	st LeMans G. T.O.
Manufacturer's Refere	ence No.	of Application 389-64A
cation stated in this Production commenced	s applica on <u>Sep</u> may be	1000* cars identical with the basic specifition were completed on May 7, 1964.  tember 3, 1963 . Cars conforming identified by Chassis Numbers 824P-1001 or . Engine Numbers 1001 and up
Name of Company or Di	lvision	Pontiac Motor Division
	By Title By	Executive Assistant Chief Engineer  RW Enneue
	$\mathtt{Title}$	Director - Public Relations

AUTOMOBILE COMPETITION COMMITTEE FOR THE UNITED STATES, FIA, INC.

107 EAST 38th STREET

HEW YORK 16. N. Y.

TONGS. C. Dand

JUN 2 4 1964

\* 16,593 with 4-barrel carburetor and 6,402 with 3-2 barrel carburetor.

## THE AUTOMOBILE COMPETITION COMMITTEE FOR THE UNITED STATES, FIA INC.

515 MADISON AVENUE

TEL: Eldorado 5-0900

NEW YORK 22, N. Y.

CABLE: ACCUSFIA NEW YORK

#### FEDERATION INTERNATIONALE DE L'AUTOMOBILE

form of Recogn	ition in accordance with	h Appendix J to the Internation	nal Sporting Code				
anufacturers	Reference No. for						
'application	389 - 64A	F.I.A. Recognition No.	180				
knufacturer	Pontiac Motor Division	n, General Motors Corporation	1				
odel Tempes	t LeMans G. T. O.	Year of Manufacture	1964				
ærial No. of	Chassis starts with 824P-1001 or 824F-1001						
	Engine starts with	1001					
typ of Bodywo	rk 2-Door Coupe						
Recognition is	valid from 11/7/60  list 2/1	on trend heard on	3				



Stamp of F.I.A. to be affixed here.

Stamp of ACCUSFIA, INC. to be affixed here.

Signed ( )

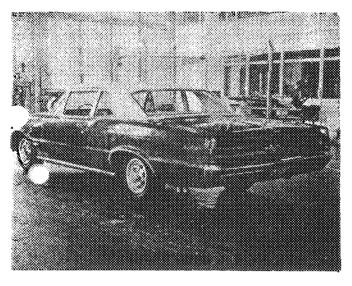
Sec'y

JUN 2 4 1954

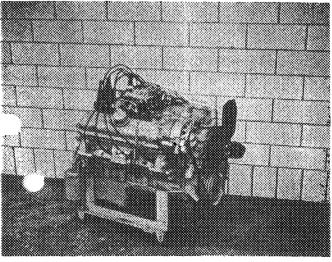
## General description of car: (specifying materials of Bodywork)

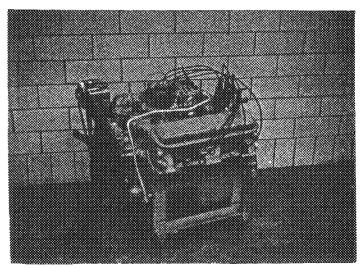
Two-door coupe having all steel body, fenders, hood and bumpers.

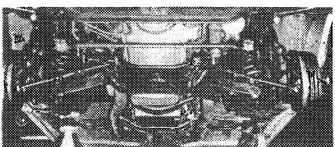
### Photographs to be affixed below:

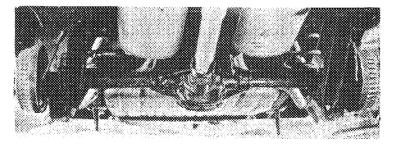










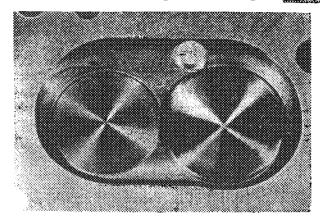


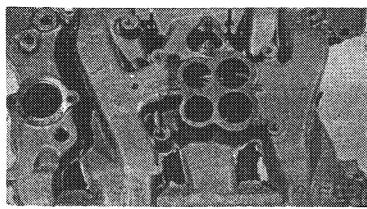
•	ENG	TNE
		4414

No. of cylinder	,e8	in V	X	*****			
Cycle Capacity 63 Maximum rebore	4 373 c.c	opposed . Bore 103.19	- 0 Firi	n.m. Sti	8-4-3-6-5 roke 95,25 city 64	T.10	m.m.
Material of cyl		Terretires from servey vom met propriet open consumers	Mate:	rial of sle	eeves, if	AND THE PROPERTY OF THE PROPER	, C • C •
Distance from face of block		center line to line of cylinde	top	ttedn		ALEA KONTA LA ESPA LA EL CONTA	m.m.
Material of cyl	inder head_	cast iron			combustion 67		c.c.
Compression rat Material of pis Distance from v	ston_alumin	um alloy	No.	of piston :	rings	3 43.74	m.m.
Bearings ( Cre	inkshaft mai inecting rod	n bearings: Typ big end: Type	e <u>Babbit</u> Babbit	t-steel bac t-steel bac	k Dia.	76.2 57.15	m·m.
Weights (Con (Pi	ywheel ankshaft anecting rod ston with ri ist pin	31,752 898 ngs 725	kg. kg. kg. kg.				
No. of valves property to the contract of the	ts	1	Meth Loca	od of valv	e operation mshafts <u>in</u>	push rod block	
Diameter of val Diameter of por	rt	48.8				m . m .	
at valve sea Tappet clearand checking time	: Inlet be for Timi ing: Inlet	* ing points take	m.m. n at end	Exhaust of ramps. -Exhaust	40.0	m·m.	
Valves open: Valves close: Maximum valve:	Inlet Inlet	23° BTC 70° ABC	m + m +	Exhaust Exhaust Exhaust		m · m ·	
Degrees of cras Maximum lift: 3/4 Maximum li	Inlet	tion from zero	to -	Exhaust_	145° 116°	ninnassagrikassa 977 Isaadanka Awa Pinnii.	
Valve springs:		Inlet			Exhaust		
	Type No. per val	Coil ve2			Coil 2	and of the state o	
Carburetor:	Type Do	wndraft own draft, hori	zontall	No. fitte	â		zacheschen, (Rib
Make Flange hole di	Cart		Mode	l <u>AFB</u> e diameter	3647-S 30,16 Pri.	39.69se	Ai'm.
	iona forma	-140-166 Pri	120-233	sec.			

<sup>\*</sup> Conical sections from valve seat into port prevent measurement.

Air filter: Type Polyurethane Foam No. fitted 1
Inlet manifold:
Diameter of flange hole at carburetor 36.53 Pri. 42.88 sec. m.m.
Diameter of flange hole at port 26,93 x 50,29 with 8.64 R corners m.m.





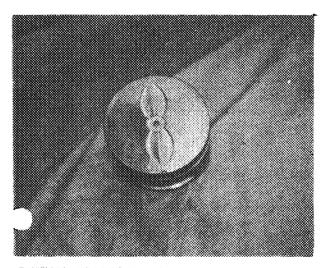
Exhaust manifold:

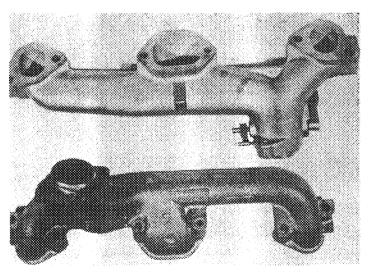
L.H. center ports D shape 30.23 x 46.23 with 4.57 & 17.27 R.

R.H. center port rectangular 65.02 x 46.23 with 17.27 R.

Mameter of flange hole at port and ports oval 34.54 x 46.23 m.m.

ameter of flange hole at connection to muffler inlet pipe 51.56 m.m.





EN WE ACCESSORIES

Make of fuel pump AC Method of operation cam attached to front of	No. fitted_camshaft	1
Type of ignition system coil and distributor Make of ignition Delco-Remy	Model	coil or magneto
Method of advance and retard centrifugal and	vacuum adv	ance
Make of ignition coil Delco-Remy No. of ignition coils 1	Model Voltage	1115187
Make of generator Delco-Remy Woltage of generator 12	Model Maximum out	1100683 put 37 amps.
Make of starter motor Delco-Remy	Model	1107294
Battery: No. fitted 1 Voltage 12	Capacity	61 smp. hour

### TRANSMISSION

	e of clutch						Type	Dry	Disk	
Dia	meter of c	lutch pla	ate 2	.64.2 m	. M.			plates		
Met	hod of oper	rating c	lutchf	oot peda	al and li	nkage		**************************************	p=574400	
Mak	e oi gearbo	OX	Chevro	let			Type	4-spee	d synch	romesi
NO. Mot	of gearbo hod of <mark>ope</mark>	x ratios	4 for	rward,	l rever	se	THE PARTY OF THE P	um d'estil e de estamenta de grança per		Constitution and the second
Inc	ation of g	earshift	tleer.	THE TAXABLE CONTRACTOR OF THE PROPERTY OF THE	side ie	Vers	de la companya de la			
aI	overdrive :	fitted?	no					independent of the second of t	androdii oʻoʻoʻoqi xyyya qara ilga xii ya q	***************************************
Met	hod of con	trolling	overdriv	re, if f	itted					
		i	ı		<del>January .</del>	-	·	***************************************		
	Sugaran marrananan series series series de constantes de c		ed SM	3-Spe	ed SM	2-Spee	d Auto,	******************************		
		GEARBO	X RATIOS	***************************************	- T A	ALTERNAT	IVE RATIO	OS		Tribellium
	Speed	Ratio	No.of Teeth	Ratio	No.of Teeth	Ratio	No.of Teeth	Potto	No.of	
	upeed	Ivacio	166011	VRCTO	reeun	Nacto	1ee cn	Ratio	Teeth	
	lst.	2,20	27-26	2, 58	25-20	1.76	Torque			
			36-17	_, _,	29-14		Converter			
	2nd.	1.64	27-26	1.48	25-20	1.00	Jarrona			
			30-19		26-22					
	3rd.	1.28	27-26	1.00	-					
	4th.	1 00	27-22							
	4011.	1.00								
	5th.		27-26							
			17-16		25-20					
	Reverse	2.27	35-17	2.58	29-14	1.76				
Typ Fin N	e of final e of differ al drive ration of teet rdrive rat	rential patioh	3,23;1 42-13	cle with	locking	differer	itial ives3.08		. 55. 3. 9	39 = 10
WHE	ELS									
Typ	e Ste	el Disk				Weight	7	85		kg.
	Harris Portonia		<del></del>	- Appropriate Management of the Control of the Cont	jinė siljinėmas;		<del></del>	<del></del>	***************************************	
Met	hod of att	achment	5 Bol	ts		To Co Raph New Carlor description con opens	antwace do hall the second representative second representative second representative second representative se		nter of the transport and the same of the	
Rin	diameter_	355.2		m	1 • M •	Rim widt	h	152.4	andonatolandon/hidelineadon/hidelin	m.m.
Hr	e size: F	ront 7	750 x 14			Rear	7.50	x 14		
		بروسيس <u>وا</u> ده	The second second	and the second s	obode <sup>188</sup>	aconado y paga	**************************************	and the state of t	ig menoviski kalandini Grand planengar	nggiggaaa <sup>10</sup> 4 Caesindan radhibbe
BRA	KES									
Met	hod of ope	ration_	Нус	lraulic			ajdy a 1800 m. a disagraphy of the language of		· · · · · · · · · · · · · · · · · · ·	
Is	servo assi	stance f	itted?	No		ajana				
Typ	e of servo	, if fit	ted		·			girt Thai An Baller Bekan Spepagia Buran Tarakanan C	and the second seco	
	of hydrau									m.m.

	F	ront		Rear	
No. of wheel cylinders		2		2	
Bore of wheel cylinders	28.5	AND DESCRIPTION OF THE OWNER, WHEN THE OWNER,	us — ——————————————————————————————————	23,81	m.m.
Inside diameter of brake drums	241.3	error (Droping	desplace as:	241,3	m · m ·
Wo. of shoes per brake	****	2	Sources	2	DOG*DORES
Autside diemeter of brake discs	destroy of the second second second	m • m	and contractions.	With the second	m.m.
lo. of pads per brake			OCIAN Indiana.		
Dimensions of brake linings per sh not of same dimensions, specify	each)	(if all sho	es or pads	in each br	ake are
ength	249	.5 m.m.	•	249.5	m.m.
_		m . m	a security of the security of		m.m.
idth	63	5 m·m	300,000	50.8	m·m.
btal area per brake	31,686	.5 m.m. <sup>2</sup>	2	25.349.2	m,m,2
Suspension	F	ront		Rear	
Cype	Indepen	ndent	4-1	ink pivoted	control a
ype of spring	coil		io ipTriprint	coil	
s stabiliser fitted?	yes	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	pater gastificacidade	no	CONTRACTOR
ype of shock absorber		ect acting	2-v	vay direct	acting
					THE PERSONS ASSESSED.
b. of shock absorbers	2			2	
No. of shock absorbers	2	george ge	tan doublesses	2	
STEERING	dork-ex-ex-resondenses/determine/dex/	paneodas entre paneo de la compansa	garage garage	2	
	rculating b	oall	5	2	, approx.
STEERING  Type of steering gear reci	rculating b	oall		2	, approx.
TEERING  Ype of steering gear reci urning circle of car  to. of turns of steering wheel from CAPACITIES AND DIMENSIONS	rculating b	oall		<u>2</u>	, approx.
TEERING  TEERING  TYPE of steering gear reci  TYPE of car  TYPE OF THE STAND DIMENSIONS  THE TANK SI.4	rculating b	oall 47 lock	5	<u>2</u>	<u>yayya igo</u> masuu ruunakankakka <b>iy</b> ya
TEERING  ype of steering gear reci urning circle of car o. of turns of steering wheel fro  APACITIES AND DIMENSIONS  uel tank 81.4 adiator 18.9	rculating b 12 om lock to litres litres	oall 47 lock Sump	5. 4. 73	M :	litres
ype of steering gear recituring circle of car o. of turns of steering wheel from APACITIES AND DIMENSIONS  The tank 81.4 adiator 18.9 werall length of car 515.6 werall height of car, unladen (with the content of car, unladen (with the content of car, unladen (with the car, u	litres cm. lth top up,	oall 47 lock Sump	5. 4. 73	M :	litres
ype of steering gear reci urning circle of car o. of turns of steering wheel from APACITIES AND DIMENSIONS uel tank 81.4 datator 18.9 werall length of car 515.6 werall height of car, unladen (with the stance from floor to top of wind	litres litres cm. ith top up,	Sump Overall w if approp	4.73 idth of car	m: 186.2	litres
ETEERING  Eype of steering gear reci  Eurning circle of car  No. of turns of steering wheel from  EAPACITIES AND DIMENSIONS  Fuel tank 81.4  Radiator 18.9  Everall length of car 515.6  Everall height of car, unladen (with the control of the contr	litres cm. lth top up,	Sump Overall w if approp	4.73 idth of car	m: 186.2	litres
STEERING  Sype of steering gear	litres litres cm. lth top up,	SumpOverall wif appropriate appropriate powers power powers power powers power powers power powers power pow	4.73 idth of car riate) int 70.4	m. 186.2 139.5	litres
TEERING  Type of steering gear	litres litres cm. lth top up,	SumpOverall wif appropriate appropriate power po	4.73 idth of car riate) int 70.4	m. 186.2 139.5	litres
Cype of steering gear reci furning circle of car b. of turns of steering wheel from CAPACITIES AND DIMENSIONS  Fuel tank 81.4  Radiator 18.9  Overall length of car 515.6  Overall height of car, unladen (with the content of car)  Highest point 101.0 cm.  Width of windshield:  Maximum width 150.0 cm.	rculating b  12 om lock to  litres litres cm. lth top up, lshield:	SumpOverall wif appropriate appropriate power po	4.73 idth of car riate) int 70.4	m. 186.2 139.5	litres
TEERING  Type of steering gear reciduring circle of car  To of turns of steering wheel from the contract of turns of steering wheel from the car steering wheel from the car steering whee	rculating b  12 om lock to  litres litres cm. lth top up, lshield:	SumpOverall wif appropriate appropriate power po	4.73 idth of car riate) int 70.4	m. 186.2 139.5	litres
TEERING  Type of steering gear reciduring circle of car  To. of turns of steering wheel from the control of turns of steering wheel from the car steering wheel from the c	litres litres cm. lth top up, lishield:	SumpOverall wif approproducest po	4.73 idth of carriate) int 70.4 idth 128.	186.2 139.5 cm.	litres Cm.
ETEERING  Eype of steering gear	rculating b  12  m lock to  litres  cm.  ith top up, ishield:	Sump Overall w if approp Lowest po Minimum w	5 4.73 idth of car riate) int 70.4 idth 128.	186.2 139.5 cm.	litres cm.**

<sup>\*(</sup>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.)

<sup>\*\*</sup> Measured at curb load except empty fuel tank.

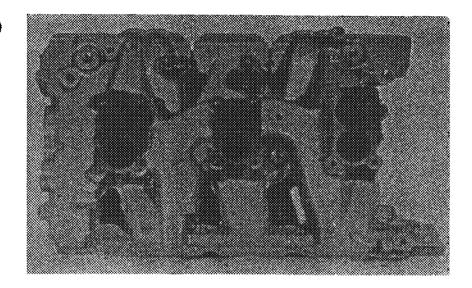
Additional linging of the states at the but but of the children only.	
System of cylinder scavenging Type of lubrication	**********
Size of inlet port: Length measured around cylinder wall m.m. Area m.m.	.m.2
Size of exhaust port: Length measured around cylinder wall	.m.
Size of transfer port: Length measured around cylinder wall m.m. Area m.i	m.s
	.m. 2
Method of pre-compression  Bore and stroke of pre-compression cylinder, if fitted m	·M·
Distance from top of cylinder block to highest point of exhaust port m	.m.
Drawing of cylinder ports.	
Supercharger, if fitted  Make Model or Type No. Ratio of drive	
	*********
Fuel injection, if fitted    Make of pump	
Location of injectors	

# Optional equipment affecting preceeding information:-

### luction System Option

Triple 2-Barrel Carburetor	Front & Rear	Center
Make	Rochester	Rochester
Model	7024178 Frt.	7024175 (SMT)
	70 <b>24</b> 179 Rear	7024173 (AT)
Flange Hole Diameter	42.9 m.m.	36,6 m.m.
Choke Diameter	33,4 m.m.	31,8 m.m.
Main Jet Identification	68	64 (SMT)
		62 (AT)

Intake Manifold (a)



(a) Manifold flanges to match carburetors, ports to match standard cylinder heads.