. .

·

.

.

.

يَ الماها



1955 NUMBERS

ĩ

Vehicle: VE55S001001 through VE55S001700
 For six-cylinder models, "V" is omitted.

	i or our oynniadi maadi	o, 1 /0 0/1/1/10/01	
Suffix:	FG: 265ci, 195hp, at GR: 265ci, 195hp, mt	YG: 235ci, 155hp,	at (6-cyl)
Block:	3703524: 265ci, 195hp	3835911: 235ci, 15	55hp (6-cyl)
Head: (3703523: 265ci, 195hp	3836241: 235ci, 15	5hp (6-cyl)
Carbur Distribe	etor: Carter 2066SA #370 Carter 2218S #3717 Carter 2351S #3724 utor: 1110847: 265ci, 195 1110855: 265ci, 195 1112314: 235ci, 155	6989: 235ci, 155hp 687: 265ci, 195hp, f 158: 265ci, 195hp, s hp, without vacuum hp, with vacuum ad hp, with vacuum ad	(6-cyl) d advance vance
Genera	tor: 1102025: 265ci, 195	hp 1102793: 23	5ci, 155hp (6-cyl)
Starter	: 1107627: 265ci, 195hp, 1 1107645: 265ci, 195hp, 1	id 1108035: 235c sd	ii, 155hp (6-cyl)
Ending	Vehicle: Jan 55: 001027 Feb 55: 001110 Mar 55: 001150	May 55: 001300 Jun 55: 001389 Jul 55: 001489	Sep 55: 001599 Oct 55: 001634 Nov 55: 001688

Abbreviations: at=automatic transmission, ci=cubic inch, fd=first design, hp=horsepower, mt=manual transmission, sd=second design.

Apr 55: 001200 Aug 55: 001555 Dec 55: 001700

1955 FACTS

• Outward appearance of the 1955 Corvette nearly duplicated the previous two years, but the big news was the V8 engine under the Corvette's hood. The new 265ci engine that debuted in 1955 Chevrolet passenger cars also found its way into the Corvette. But not all 1955 Corvettes were V8-powered, as a small number of six-cylinder models were also built.

• Electrical systems were changed to 12-volt in 1955 Corvette models, except for the six-cylinder models which continued to use the 6-volt systems common to 1953-54.

• Corvettes with V8s in 1955 were identified by an enlarged gold "V" attached over the small "v" in the Chevrolet script on both front fenders. Also, the vehicle identification number (vin) for V8 models started with a "V." Six-cylinder models had standard scripts and no "V" in their vins.

• Corvette production of 700 in 1955 was second only to 1953 in low annual volume. Poor public acceptance the previous year resulted in over 1,100 unsold 1954 models at the start of 1955 production. Despite the low production, 1955 remains one of the most mysterious Corvette models in terms of accurate documentation.

 Ignition shielding for 1955 consisted of chrome distributor and coil covers with bails, braided and grounded plug wires, and wire carriers behind the exhaust manifolds.

• A manual heater cutoff valve was spliced into the upper heater hose along the inner fender.

· Windshield washer activation was by floor pedal with coordinator.

• Valve covers for V8 models were chrome plated with the Chevrolet script. They were held in place by phillips-head screws. The six-cylinder model valve covers duplicated 1954.

 Shortly after 1955 production began, a new type inside rearview mirror was used which permitted vertical adjustment of the entire mirror unit.

1955 OPTIONS

CODE	DESCRIPTION	ΟΤΥ	
2934-6	Base Corvette Convertible, six-cylinder		\$2 774 00
2934-8	Base Corvette Convertible, V8		92,774.00
100	Directional Signal	700	2,909.00
101	Heater		10./0
102A	AM Badio signal seeking		91.40
290B	Whitewall Tires 6 70x15		145.15
313	Powerglide Automatic Transmission	·····. —	26.90
4204	Parking Brake Alarm		178.35
4214	Courteev Lighta	700	5.65
4224	Windebield Weekses	700	4.05
462M	windshield wasners	700	11.85

• A 235ci, 155hp six-cylinder engine, 3-speed manual transmission, vinyl interior trim, and a soft top were included in the base price of #2934-6. However, the Powerglide automatic transmission was a required option and no 1955 Corvette with the combination of six-cylinder and manual transmission has ever been documented.

• A 265ci, 195hp V8 engine, 3-speed manual transmission, vinyl interior trim, and a soft top were included in the base price of #2934-8. The Powerglide automatic transmission was a required option with the V8 engine until somewhere past the midpoint of 1955 production when the manual transmission started to be used.

• Most 1955 models had automatic transmissions. Estimates place the number of manual transmissions at 75. Though not necessarily accurate, available records do support a total in the range of 70 to 80 units.

• It is likely that most 1955 options were not really optional, but required. Exceptions may surface, but the list of probable 100% usage includes directional signals, heaters, radios, parking brake alarms, courtesy lamps and windshield washers.

• The 1955 heater was a non-fresh air unit; that is, it recirculated interior cabin air only. The heater itself was the same for six-cylinder and V8 models, except for modifications in the blower motors required by the different voltages of the two models.

• Auxiliary hardtops were not available for 1955 models as factory options or as Chevrolet-sponsored dealer accessories. However, aftermarket companies manufactured removable hardtops for 1955 (and 1953-54) Corvettes and some Chevrolet dealers sold them.

Corvette tires changed from tube-type to tubeless during 1954, so it is likely, but not certain, that all 1955 models had tubeless tires.

1955 COLORS

CODE	EXTERIOR	QTY(est)	SOFT TOP	WHEELS	INTERIOR
507	B 1 1 1 1 1 1				

ed ark Beige ark Beige ght Beige ellow
ai gi ei

• Exterior color quantities are not from Chevrolet records. These are estimates based on surveys, theories, and other data. They should not be relied upon as precise.

• Interiors and exteriors were not coded to individual cars. Only 700 were produced, yet no Chevrolet records have been found to document color usage. The exterior colors are subject to question and conjecture. Records do show Pennant Blue was discontinued in April 1955. Gypsy Red and Corvette Copper are thought to have been offered after Pennant Blue was discontinued. Owners report other color combinations.

• Early 1955 soft tops were made of a canvas material. A vinyl-coated fabric material was introduced after production started. Both materials were used for beige and green soft tops, but all white soft tops were vinyl. Owner surveys have not determined an exact transition from one soft top material to another. Concurrent use was likely.

BLACK BOOK ORDER FORM

	Ohio residents add .72 sales tax
	Postage/hard shipping container 3.0
	Check or money order enclosed \$
Name	
Street	
City _	State Zip
Mail 0	rder To: Michael Bruce Associates, Inc Post Office Box 396 Powell, Ohio 43065
Mail O	rder To: Michael Bruce Associates, Inc Post Office Box 396 Powell, Ohio 43065
Mail O BL	rder To: Michael Bruce Associates, Inc Post Office Box 396 Powell, Ohio 43065 ACK BOOK ORDER FORM
Mail O BL Send _ Corv	rder To: Michael Bruce Associates, Inc Post Office Box 396 Powell, Ohio 43065 ACK BOOK ORDER FORM copies of the rette Black Book 1953-199
Mail O BL	rder To: Michael Bruce Associates, Inc Post Office Box 396 Powell, Ohio 43065 ACK BOOK ORDER FORM copies of the rette Black Book 1953-199 @ \$11.95 each \$
Mail O BL Send _ COTV	rder To: Michael Bruce Associates, Inc Post Office Box 396 Powell, Ohio 43065 ACK BOOK ORDER FORM copies of the rette Black Book 1953-199 @ \$11.95 each \$ Ohio residents add .72 sales tax
Mail O BL	rder To: Michael Bruce Associates, Inc Post Office Box 396 Powell, Ohio 43065 ACK BOOK ORDER FORM copies of the copies of the @ \$11.95 each \$ Ohio residents add .72 sales tax Postage/hard shipping container3.00
Mail O BL	rder To: Michael Bruce Associates, Inc Post Office Box 396 Powell, Ohio 43065 ACK BOOK ORDER FORM copies of the copies of the @ \$11.95 each \$ @ \$11.95 each \$ Ohio residents add .72 sales tax Postage/hard shipping container 3.00 Check or money order enclosed \$
Mail O BL Send _ Corv	rder To: Michael Bruce Associates, Inc Post Office Box 396 Powell, Ohio 43065 ACK BOOK ORDER FORM copies of the rette Black Book 1953-199 @ \$11.95 each \$ Ohio residents add .72 sales tax Postage/hard shipping container 3.00 Check or money order enclosed \$
Mail O BL Send _ COIV Name Street	rder To: Michael Bruce Associates, Inc Post Office Box 396 Powell, Ohio 43065 ACK BOOK ORDER FORM copies of the copies of the @ \$11.95 each \$ @ \$11.95 each \$ Ohio residents add .72 sales tax Postage/hard shipping container 3.00 Check or money order enclosed \$

1

AUTOMOBILE MANUFACTURERS ASSOCIATION CONSOLIDATED SPECIFICATION QUESTIONNAIRE

MAKE OF CAR:	CHEVROLE	T			MODEL NAME	SYMBOL
COMPANY:	CHEVROLET GENERAL MO GENERAL MO DETROIT 2,	DIVISIO TORS CO TORS BL MICHIG		CORVETTE 2934 PLEASE RETURN TO		
MODEL YEAR:	1955	DATE	May 31,	1955		MATION FILE

TABLE OF CONTENTS

General Specifications	1	Frame	16
Engine	2	Front Suspension	16
Electrical	. 8	Steering	~17
Drive Units	12	Rear Suspension	18
Brakes	15	Body	19
Index	• • • • • • • •		

NOTES: 1. The specifications set forth herein are those in effect at the date of compilation and are subject to change without notice.

- 2. All specifications are standard for the models under which they are listed unless otherwise indicated.
- 3. All dimensions are nominal engineering dimensions unless otherwise indicated.

4. Unless otherwise indicated, specifications apply to 5 or 6 passenger, 4-door sedan or equivalent.

GENERAL SPECIFICATIONS

Model			Six Cylinder	Eight Cylinder			
Wheelbase			102				
Teered	Front		56.	70			
Ireda	Rear		58.	.80			
Maximum	Length	(L-103)	167.	.00			
Overali	Width	(W-103)	72.	21			
Dimensions	Height	(H-101)	1,8.50 Over 1	/S (Top Down)			
Steering ratio	-overall		16:	1			
Turning diam	eter (curb	to curb)		: Left 36.93			
Shipping weig	ght*	(a)	2695 Lbs.	2665 Lbs.			
Transmission-	-	Conventional	N.A.				
(Specify stand	dard,	Overdrive	N.4.				
optional, not	avail.)	Automatic	Standard				
	Conve	ntional	N.A.				
Axle ratio	Overd	rive	N.A.				
	Autom	atic	3.55:1				
Tire size			6.70-15-1 Ply Rating				
	Туре		In Line	Vee			
	No. of	cylinders	6	88			
	Valve	arrangement	In Head				
Engine	Bore o	ind stroke	<u>3-9/16 x 3-15/16</u>	<u>3-3/2 x 3</u>			
Digine	Piston	displacement, cv. in.	235.5	265			
	Stande	ard compression ratio	8.0	:]			
	Maxim	wm bhp at engine rpm	<u>155 @ /j200</u>	<u>195 @ 5000</u>			
	Maxim	num torque at rpm	225 @ 2800	<u>260 3000</u>			

*Standard car weight, not including gas and water.

(a) Without Radio and Heater

MAKE OF CAR CHEVROLET			CHEVROLET	MODEL `	YEAR 1955			
MODEL	CORVETTE		8	Six Cylinder	Eight Cylinder			
ENG	NE	GEI	NERAL					
	V, in-line, other		V, in-line, oth		her	In Line	V	
туре	Angle	of V			900			
No. of cylinders				66	88			
Valve arrangen	nent			In]	lead			
Bore and stroke				<u>3-9/16 x 3-15/16</u>	<u>3-3/4 x 3</u>			
Piston displacen	nent, cu.	in.		235.5	265			
Numbering syste	em	L. Bai	nk		1-3-5-7			
(front to rear)		R. Ba	nk		2-4-6-8			
Firing order	Firing order			1-5-3-6-2-4	1-8-4-3-6-5-7-2			
Compression re	-	Stand	lard Head	8.0:1				
		Optic	nal Head	<u>N.A.</u>				
	Head		Standard	Cast Alloy Iron				
Cylinders	Mater	Material Optional		<u>N.A.</u>				
	Sleeve	<u>-W</u>	et, dry, other, none	None				
Number of			Front	2				
mounting points			Rear		2			
Taxable horsepower	(Dia. ²	<u>x No</u> 2.5	<u>ь. Суl.)</u>	30.4	45			
	Stand	ard h	ead	155 @ 1200	<u>195 @ 5000</u>			
Advertised	Optio	nal he	ad					
max. brake horsepower	With fuel		Standard Head	80-85	85-90			
RPM*	and metho	d)	Optional Head		•••			
Max. torque	Stand	ard h	ead	225 @ 2800	260 @ 3000			
(Ib. ft. @ RPM)	Optio	naí he	ad		= -			
Recommended	Recommended idle speed (neutral)			<u>425 I</u>	n Drive			

ENGINE-PISTONS

Material			Cast Aluminum Allo	Cast Aluminum Alloy with Steel Struts			
Description an	d finish		Cam Ground, Tin Coated Controlled Expansion, Flat Head	Cam Ground, Tip Coated Controlled Expansion, Flat Head, Slipper Type Skirt			
Weight (pistor	n only) oz.		18.88	18.77			
	Top land		.028036	.035042			
Clearance		Тор	.00050011 (a)	.00050011 (Ъ)			
	Skirt	Bottom					
	No. 1 ring		.19852045	.21182178			
Ring groove depth	No. 2 rin	•	.19852045	.21182178			
	No. 3 rin	<u> </u>	.19852045	.20412105			
•	No. 4 ring		Nor	10			

*Corrected as defined by SAE Engine Test Code, with the following standard power consuming accessories. Dynamometer Exhaust, water pump, no fan, generator (not charging)

(a) Measured 1.29 inches from top of piston

(b) Measured 2.44 inches from top of piston

(c) Measured with respect to cylinder wall

MAKE OF CAR CHEVROLET			MC	DDEL YEAR1955	
MODEL	CORVETT	`E	Six Cylinder	Eight Cylinder	
ENG	INE-RI	NGS			
	No. 1 oil c	er comp.	(a)	(d)	
Type (top to bottom)	No. 2 oil or comp.		(b)	(e)	
	No. 3 oil c	or comp.	(c)	(b)	
	No. 4 oil c	or comp.		None	
No. rings abo	ve piston pin			3	
	Material		Cast	Alloy Tron	
	Coating		Top Ring - Bottom Ring - V	- Chrome Plated Vear Resistant Coating	
Compression	Width		.09300935	.077078	
	Gap		007017	Upper008016: Lower009018	
	Maximum	wall thickness	_178	Hpper-,179: Lower-,187	
	Material		Steel		
	Coating		Chrome	Plated O.D.	
Oil	Width		.180185	.181188	
	Gap		-015-035	.015055	
	Maximum	wall thickness	.138 (Rails)	.168 (Rails)	
Location of ex	(panders		Oil Ring	None	
ENG	SINE—PI	STON PINS			
Material			Chromium Steel (File Hard Case)		
Length			3.168-3.198	3,110-3,130	
Digmeter			. 86608665	.92709273	
	Locked in rod, in piston, floating, etc.		Clamped in Rod	Pressed in Rod	
Туре		In rod or piston		None	
	Bushing	Material			
	In piston		-0001500025	_0001100029	
Clearance	in rod			None	
Direction offset in piston			Major Thrust Side		

ENGINE—CONNECTING RODS

Material Weight (oz.)		Drop Forged Steel	
		31.70	19.02
Length (center to center)		6.8125	5.700
	Material	Steel Backed Babbitt	
	Type (cast-in or removable)	Remov	zable
Bearing	Effective length	1.008	.817
	Clearance	.0007-	
	End play	.005010	.00801/ (2 Rods)

ENGINE-CRANKSHAFT

Material	Drop Forged Steel		
Weight (lb.)	80:00	h7.75	_
 (a) Thick Wall - Inside Bevel - (b) Thick Wall - Inside Bevel of (c) Three Piece with Expander ((d) Thick Wall - Inside Bevel - (e) Thick Wall - Inside Bevel of (f) Multi-Piece (2 Chrome Plate 	- Chrome Plated or Counterbore (2 Chrome Plated Rails) - Taper Face - Chrome Plated or Counterbore - Taper Face ed Rails with Spacer)		

.

.

•

.

. •

MAKE OF	CAR	CHEVROLET	MODEL	1955
MODEL	CORVE	TTE	Six Cylinder	Eight Cylinder
ENC	GINE-CR	ANKSHAFT (con	it.)	
Vibration dar	nper type		Oscillating (F	Rubber Floating)
End thrust tak	en by bearing	a (No.)	3	5
Crankshaft er	nd play		.00350095	.002006
	Material		Steel Back	ced Babbitt
	Type (cast	-in or removable)	Remov	rable
	Clearance		.000/10025	<u>,0008-,0034</u>
		No. 1	2.6810×1.063	<u>2.2983 x .702</u>
A	Journal	No. 2	2.7150 x .907	2.2983 x .702
nain bearing	dia, and	No. 3	2.71,60 x .968	2.2983 x .7.02
	bearing	No. 4	2.7770 x 1.189	<u>2.2983 x .702</u>
	ettective	No. 5		2.2983 x 1.160
		No. 6		•
		No. 7		
	Direction o	attset from cyl. bore	Nor	1e
Connecting ro	od crankpin Nar		2 3115	1 9995
Material 	Material		Cast Allo Steel Backs	by Iron ed Babbitt
	Number),	5
	Gear or d	hain	Gear	Chain & Sprocket
	Crankshaf sprocket n	t gear or naterial	Steel	
Type of	Camshaft sprocket n	gear or naterial	Aluminum Alloy	Cast Alloy Iron
		Make	None	Link Belt
	Timing	No. of links		46
	chain	Width		.875
		Pitch		• 500
EN	GINE-V	ALVE SYSTEM	· ·	
Hydraulic lift	ers (yes, no)		No	· · · · · · · · · · · · · · · · · · ·
Special provi rotation (inta	ision for valve ke, exhaust)	2	None	
Rocker ratio			. 1.477:1	1.455:1
Operating to clearance (in	appet Into	ike	.006 Hot	.008 Hot
hot or cold)	Exh	avst	.013 Hot	.018 Hot
Tappet dear	ance Into	ske		
for timing	Exh	oust	Zer	<u>.</u>
Timina masla	· · · · · · · · · · · · · · · · · · ·	l I		

Page 4 5

.

MAKE OF	CAR	CHEVROLEI	MODEL	YEAR1955
MODEL	CORVET	TE	Six Cylinder	Eight Cylinder
EN	GINE-VA	LVE SYSTE	M (cont.)	
		Opens (°BTC)	100 301	210 30 1
	intake	Closes (°ABC)	1/1/0 301	630 301
Timing		Opens (°BBC)	590	62° 301
	Exhaust	Closes (°ATC)	50	230 301
	Material	· · ·	Silicon Chromium	or Nickel Chromium Steel
	Overall len	gth	6, 376-6, 396	4.902-4.922
	Actual over	ali head dia.	1.875	1.720
	Angle of se	at	30° Valve Face - 31° in Head	15° Valve Face - 16° in Head
	Seat insert	material	Nor	
	Stem diame	ter	.31103117	.31153122
	Stem to gui	de clearance	.0010-	.0027
1-4-1-	Lift		.1.051	.1:01:3
make	Outer spring	Valve closed (lb. @ in.)	66-72 @ 1.858	65 - 72 @ 1.696
	press. and length	Valve open (Ib. @ in.)	150-160 @ 1.µ62	151-161 @ 1.306
	Inner spring	Valve closed (lb. @ in.)	27-31 @ 1.788	
	press. and length	Valve open (Ib. @ in.)	55-61 @ 1.392	
	Material		Silchrome XCR Steel	Aluminum Dipped Seats
	Overali len	gth	<u>lı.913-lı.933</u>	
	Actual over	all head dia.	1.500	
	Angle of se	at	45° Valve Face - 46° in Head	
	Seat insert	material	None	
	Stem diame	ter	3/10-	-,3417
	Stem to gui	de clearance	.00100027	00150032
Exhaust	Lift	1	- <u>1</u>] <u>1</u> 3	.11.36
	Outer spring	Valve closed (Ib. @ in.)	66-72 @ 1.858	65-72 @ 1.696
	press. and length	Valve open (lb. @ in.)	150-160 @ 1.462	151-161 @ 1.306
	Inner spring	Valve closed (lb. @ in.)	27-31 @ 1.788	
	press. and length	Valve open (Ib. @ in.)	55-61 @ 1.392	

ENGINE-LUBRICATION SYSTEM

	Main bearings	P	ressure		
Type of lubrication (splash,	Connecting rods	Pressure			
	Fiston pins Spraved from Connecting Rod Journal Boss				
	Camshaft bearings	Pressure			
pressure,	Tappets	Metered Pressure			
nozzle)	Timing gear or chain	Nozzle Pressure			
	Cylinder walls	Pressure Jet			

Page 6 Rev. 8-53

MAKE OF CAR CHEVROLI	ΞŢ
----------------------	----

.

_MODEL YEAR ____

1955

	CORVETT	E	Six Cylinder	Eight Cylinder	
ENC	GINE-LUB	RICATION SYS	STEM (cont.)		
Oil pump typ	e		Gea	r	
Normal oil pr	essure (Ib. @ r	pm)	30 PSI @ 1170	-1200 RPM	
Dil pressure (electric or me	gage type echanical)		Elect	ric	
ype oil intak tationary)	e (floating,		Float	ing	
Dil filter type partial flow)	(full flow,		Non	e	
apacity of c ilter—refill (c	trankcase, less qt.)		5	<u>L</u>	
Oil grade recommended (SAE viscosity and temperature range)			Not Lower than 32° F As Low as 10° F As Low as Minus 10° F Below Minus 10° F	SAE 20W or SAE 20 SAE 20W SAE 10W SAE 5W	
)il type reco	mmended		Heavy	Duty	
ENC	GINEFUE	L SYSTEM			
ecommended	Standard he	od	See Fuel Octane Information on Page 2		
iel	Optional he	ad	None		
vel	Capacity (g	als.)	17.25		
ank	Filler Locotic	ก	Rear of Driver's Door on Body L.H. Side		
uel	Туре		None		
lter	Location				
	Type (elec. e	or mech.)	Mechanical		
el	Location		R.H. Side Near Front of Block		
qmp	Pressure ran	ge	$-3 \frac{1}{2} - \frac{1}{2}$	<u>1-5 1/1</u>	
	Vacuum boo	ster (std., opti., none)	None		
	Make		Carter		
	Model numb	er	3706989	NOFB 2218S	
	Number use	d	3	11	
	Туре	Downdraft, side inlet, other	Side Draft	Downdraft	
arburetor		Single or dual	Single	Dual	
	Intake manif (manual, aut	old heat control to., none)	None	Automatic	
	Automatic d (integral, of	noke type her}	Manual	Integral	
	Air cleaner	Standard	Air Inlet Extension & Scree	n Oil Wetted	
	Туре	Optional	Non	ė	

Type (single, single with cross-over, dua!, other) Muffler type (rev. flow, str. thru, sep.resonator)		Dual	
		Reverse Flow	Straight Through
Exhaust pipe dia	Branch		
concess hilts are:	Main	1.75" O.D.	2" O.D.
Tail pipe diameter		1.69" O.D. (a)	1.81 O.D. (a)

(a) Stainless steel tail pipe extension added to end of tail pipe.

Page 7

MAKE OF CAR CHEVROLET		CHEVROLET	MODEL YEAR 1955	
MODEL	CORVETT	E	Six Cylinder	Eight Cylinder
ENG	INE-CO	DOLING SYSTE	N	
Type (pressure atmospheric, o	system, ther)		Pressu	re •
Radiator cap	elief valve j	press.	(a)	6 1/h-7 1/2 PSI
Circulation	Type (cho	ke, bypass)	Choke	
thermostat	Starts to c	open at		
	Type (cen	trifugal, other)	Centrifi	ıgal
Water	Number o	f pumps	<u>i</u>	<u> </u>
pump	Drive (V-b	elt, other)	V-Belt	
Bu marc	j bearing ty		Permanently Lubricated, Do	DUDLE NOW HALL HEARING
By-pass reara	hanon type	(Internal, external)	Interna.	<u>L</u>
(cellular, tube	and fin)		Cellular	r
Cooling sys-	With heat	er (qt.)	18.25	17
tem capacity	Without he	eater (qt.)	17.75	16
Water jackets	full length o	f cylinder (yes, no)	Full Stroke Length	
Water all aro	und cylinder	(yes, no)	Yes	
	Lower	Number and type (molded, straight)	2-Molded	1-Molded
		Inside diameter and length	$1-1/2 \ge 6-3/4$	1-3/4 x 15
Radiator	Upper	Number and type (molded, straight)	2_l-Molded 1_Straight	l-Moldec
hose		Inside diameter and length	Molded-1-1/4 x 12-1/2 Straight-1-1/4 x 10-1/2	1-1/2 x 16.50
	By-	Number and type (molded, straight)	None	
	pass	Inside diameter and length		
		Number used	1	
	Fan	Angle of V	370_),],0	
Drive		Outside length	<u>li0"</u>	54-3/4"
belts		Width		
	Genere	Angle of V	Same as Fan Belt	
	ator	Outside length		
		Width		
	and space	T Diades	4 Staggere	d
_	Diameter		18	17
Fon	Ratio—fa crankshaft	n to revolutions	.904:1	.949:1
	Bearing th	/pe	Water Pumo Re	aring
-		· · · · · · · · · · · · · · · · · · ·		

(a) Auxiliary Tank Relief Valve Pressure 3 1/2-4 1/2 Lbs. PSI

MAKE OF	CAR C	IEVROLET	MODEL Y	EAR 1955
MODEL	CORVE	TE	Six Cylinder	Eight Cylinder
ELE	CTRICAL-	-SUPPLY SYS	rem .	
			Delco 15AA6-W	Delco 25M50-W
			6 Volt-15 Plate	12 Volt-9 Plate
D _ M			TM. 100 AMP Hrs. @ 20 Hr. Rat	e None, 50 AMP Hrs.@20 Hr. Rate
barrery	Location		Under Hood, Right Side	
	Terminal grounded		Negative	
	Make		Delco-Remy	
Generator	Model		1102793	1102025
Generator	Туре		2 Brush, Shunt Wound	
	Ratio-Gen. to Cr/s rev.		2.05:1	2.00:1
	Make		Delco-Remy	
	Model		1118827	1118826
	Туре		Current and Voltage Control	
	Cutout	Closing voltage @ generator rpm	6.4 @ 1200	12.8.@.1250
Regulator	relay	Reverse current to open		-
•	Regu-	Voltage	7,)	1).5
	lated	Current	45	30
	Min. Gen.	rpm required	(For Max. Output) 2250	(For Max. Output) 1930
	Voltage	Temperature	Operating (Run Gen. 15 Min.	@ 8-10 Amps, Before Testing)
	test con-	Load	8-10 Amps.	10 Amps. Max.
	ditions	Other		-

Page 8

ELECTRICAL-STARTING SYSTEM

	Make		Delco-R	emv
	Model		1108035	1107627
	Rotation (drive end view)		Clockwi	se
	Engine cr	anking speed	N.A.	
Starting motor	Test conditions		Engine at Operating Temperature	
		Amps	600	<u>h15</u>
	Lock	Volts	3.0	5.8
	Test	Torque (lb. ft.)	1),	12.7
	No	Атря	70	65
	load	Volts	5.0	10.1
	test	RPM (min.)	5000	7900
<u> </u>	Switch (solonoid, manual)		Solenoi	d
	Starting		Place Selector Lever in	"PARK" or "NEUTRAL"
Motor control	processi	~	Pull Choke Knob out Part Way or all way Depending on Climate	Depress Accelerator Pedal t Floor to Set Auto. Choke
			Turn Ignition Key to Ex to Start Eng	treme Right Position

MAKE OF C	AR	CHEVROLET	MODEL	YEAR 1955
MODEL	CORVETT.	E	Six Cylinder	Eight Cylinder
ELECI	rical—	-STARTING SY	STEM (cont.)	
	Engogemen	t type	Positive S	hift Solenoid
Mator	Pinion mesh	es (front, rear)	F	ront
drive	Number	Pinion		9
	of teeth	Flywheel	139	
	Flywheel to	oth face width	500	1185
ELEC1	IRICAL—	-IGNITION SY	STEM	
	Make		Delc	o-Remv
Call	Model		<u>111539)</u>	1115086
Coll	Amps	Engine stopped	5.1	<u> </u>
		Engine idling	3.0	1.75
	Make		Delco	-Remy
	Model		111231/4	1110855
	Spark	Start (rpm)	300	
	advance data (at distri- butor shaft)	Centr. advance max. deg. @ rpm	13° @ 1750	16° @ 1800
Distributor		Vacuum advance start (in. Hg.)	5.0	6.0
		Vac. adv. (max. deg. @ in. Hg.)	15 [°] @ 9 In. Hg.	13-3/4° @ 15 In. Hg.
	Breaker ga	p (in.)	.013018	.016021
	Cam angle	(deg.)	26-33	
	Breaker an	m tension (oz.)	19-	23
-	C/S deg. (i) rpm	T.C. @ Idle	4º BTC @ Idle
	Mark locati	on	Flywheel	Damper
liming	(see page)	mbering system 2)	Front to Rear	Left Bank 1-3-5-7 Right Bank 2-4-6-8
	Firing orde	r (see page 2)	1-5-3-6-2-4	1-8-1:-3-6-5-7-2
61	Make and	model	AC 43-5	AC 43-5R
apark piug	Thread (mn	n)	1/w	M
h A	Tightening	torque (Ib. ft.)	20_	25
	Gap		.033	038
	Conductor	lype	Linen Core Impregnated w	ith an Electrical Conducting Matl
Cable	Insulation t	ype	Rubber with N	eoprene Jacket
	Spark plug protector		Neoprene Jacket	

ELECTRICAL—SUPPRESSION

Description

Non Metallic High Tension Cables

MAKE OF CAR CHEVROLET

MODEL YEAR 1955

Eight Cylinder

CORVETTE MODEL

Six Cylinder ELECTRICAL-INSTRUMENTS AND SWITCHES

Speed	Make	AC See N	ote (a)		
ometer	Trip odometer (yes, no)	No			
Charge indica	tor-type	Ammeter			
Temperature indicator-type		Bourdon Tube			
Oil pressure in	dicator-type	Bourdon Tube			
Fuel indicator-type		Electric			
Ignition switch	Identify positions in order and cir- cuits controlled	Vertical Counter Clockwise 1st Position Clockwise from 2nd Position Clockwise from (Key Removable in all Positi	- Off, Unlocked - Off, Locked Vert Ignition and Acc. "On" Vert Ignition, Accessories and ons) Starter "On" with Spring Return to 1st Position		
	Provision for illumination	Yes. Bulb at	Switch		
	Location	On Instrument Panel -	Right of Steering Column		
	Theft protection type	None			
Main light- ing switch	Identify positions and lights controlled	Depressed - Off lst. Notch - Instrument Panel Lights, Parking Lights 2nd. Notch - Instrument Panel Lights, Driving Lights Rotate - Clockwise to Dim and Turn off Instrument Panel Lights Counter Clockwise to Turn on and brighten Panel Lights			
Other light switches	Locations and lamps controlled Left Hand Toe Board - High and Low Beam Driving Li Parking Brake Handle On - Light On, Released Light ing Brake Alarm Light Switch on Parking Brake Leve at Rear of Instrument Panel Front Compartment Cour Switch in Door Hinge Pillars Door Open - Light On, - Light Out Directional Signal Switch in Hub of St				
Other switches	Locations and de- vices controlled	-	Jačket		
·	Make	Tr	100		
14/1	Туре	Vac	<u>uum</u>		
Windshield wiper	Vacuum booster provision	Stan	dard		
_	Washer provision	Dealer Ins	talled Accessory		
	Туре	Vibr	ator		
Horn	Number used	2			
	Amp draw (each)	High 17-19-Low 19-21	High 9. Low 10		

(a) AC Tachometer with Totalizer

. Page 10

.;

MAKE OF CAR____

MODEL

CHEVROLET

MODEL YEAR

Page 11

Six Cylinder

1955

Eight Cylinder

ELECTRICAL-LAMP BULBS

CORVETTE

Give quantity used and trade number, e.g., Meadlamp 2-4030. Indicate accessories which are not standard equipment by an asterisk following the numbers.

Headlamp		2-21,00 CC	2-11100		
Headlamp beam ind	icator	1-51	1-53		
Parking light		3CP Filament of 1154 Bulb	hCP Filament of 103h Bulb		
Tail light		30P Filament of 115h Bulb	4CP Filament of 1034 Bulb		
Stop light		21CP Filament of 1151 Bulb	320P Filament of 1034 Bulb		
	Front	21CP Filament of Parking Lamp	32CP Filament of Parking Lamp		
Direction indicator	Rear	21 CP Filament of Tail Lamp	32CP Filament of Tail Lamp		
	Tell-Tale	2-51	2-53		
License plate light		2-63	2-67		
Instrument light		4-55	4-57		
Ignition lock light		1-51	1-53		
Map light		N.A.	N.A.		
Dome light		N.A.	N.A.		
Clock light		1-55	1-分		
Radio dial light		1-44	1-57		
Glove compartment	light	N.A.	N.A.		
Courtesy light		2 - 82 *	2-89 *		
Trunk compartment light		N.A.	N.A.		
Other					
Cigarette Lighter		1-51	1-53		
Parking Brake Alarm		1-82 * ·	1-90 *		
Tachometer		1-55	1-57		

ELECTRICAL-FUSE & CIRCUIT BREAKER DATA

Use trade number of fuse, e.g., SFE-10. Indicate circuit breaker by ampere capacity seffixed by letters "C.B", e.g., 20 C.B. Where fuse ar circuit breaker protects multiple circuits indicate first use by a letter and repeat the same letter for all units protected by the same fuse or circuit breaker, e.g., Parking light; SFE-10 (a), Direction indicator; same as (a).

Headlamp	30 CB (a)	13CB (a)
Headlamp beam indicator	Same as(a)	Same as (a)
Parking light	Same as(a)	Same as (a)
Tail light	Same as(a)	Same_as (a)
Stop light	Same_as(a)	Same as (a)
Direction indicator	SFE 1	SFE 9
License plate light	Same as(a)	Same as (a)
Instrument light	Same as(a)	
Ignition light	Same as(a)	Same as (a)
Map light	None	None
Dome light	None	None
Clock	Same as(a)	Same as (a)
Clock light	Same as(a)	Same as (a)
Radio	SFE 14	SFE 9
Glove compartment light	None	None
Courtesy light	Same as(a) *	Same as (a) *
Trunk compartment light	None	None
Other		
Parking Brake Alarm	SFE 14 *	SFE 9 *
Heater (Recirculat-	SFE 14	SFE 9

* Accessory Only

Page 12

MODEL CORVI DRIVE I Make Type (dry or wet pl In combination with Semi-centrifugal (ye Type pressure plate	ETTE UNITS- Infuid coup es, no) e springs e (Ib.)	-CLUTCH	(PEDAL	OPERATE	D)					
MODEL CORVI DRIVE I Make Type (dry or wet pl In combination with Semi-centrifugal (ye Type pressure plate	ETTE UNITS- blate) fluid coup es, no? e springs e (lb.)	-CLUTCH	(PEDAL	OPERATE	(D)		 			
DRIVE (Make Type (dry or wet p) In combination with Semi-centrifugal (ye Type pressure plate	UNITS- blate) a fluid coup es, no) te springs a (lb.)	-CLUTCH		OPERATE	D)		 	_	= 	
Make Type (dry or wet pl In combination with Semi-centrifugal (ye Type pressure plate	olate) a fluid coup es, no) te springs te (lb.)	ling (yes, no)			_	<u></u>	 			
Type (dry or wet p) In combination with Semi-centrifugal (ye Type pressure plate	olate) a fluid coup es, no) le springs re (lb.)	ling (yes, no)								
In combination with Semi-centrifugal (ye Type pressure plate	es, no) es, no) e springs e (Ib.)	ling (yes, no)					 			
Semi-centrifugal (ye Type pressure plate	es, no) le springs le (lb.)					<u> </u>	 ···-			
Type pressure plate	e springs e (lb.)		1				 			
	e (Ib.)						 			
Total plate pressure	- ''						 			
No. of clutch driven	n discs						 		<u> </u>	
Mc	Material					·	 · · · · · · · · · · · · · · · · · ·			<u> </u>
Insi	Inside diameter		i			··	 	<u> </u>		
Ou	Outside diameter					<u></u>	 	<u> </u>	·	·····
Tot	Total eff. area (sq. in.)						 	······································		<u>.</u>
Th	Thickness		l			. <u></u>	 . <u></u>			·
Nu	Number required		ļ				 <u>.</u>			
Clutch ing	ng <i>agement</i> g method	cushion-					 			
facing		Туре					 			
Rebe	elease earing	Method of lubrication					 			
To	orsional amping	Method (springs, other)					 			
		Frict. mat.					 ÷			

DRIVE UNITS-TRANSMISSIONS

Conventional (std. or opt.)	N.A.
Conventional with overdrive (std. or opt.)	
Automotic (std. or opt.)	Standard

DRIVE UNITS-CONVENTIONAL TRANSMISSION

Number of for	ward speeds	
Transmission	in first	
	in second	
	In third	
ratios	In fourth	
	in reverse	
Constant mesh	gears in 2nd (yes, no)	
Spur gear use (indicate spee	id in india	
Helical gears lindicate spec	used in ids)	
Synchronous meshing in 2nd and 3rd gears (yes, no)		

MAKE OF	(E OF CAR CHEVROLET			MODEL YEAR 1955
MODEL	cC	RVETTE		
DRI	VE UN	ITS—CO	NVENTIONAL 1	TRANSMISSION (cont.)
	Capacity (pt.)			
	Type re	ecommended		
Lubricant	SAE vis	- Summ	ier	
	cosity	Wint	er	
	number	Extre	me cold	
or transmissi •	Type (e conventiona planetary or	I transmission section	
	If planetary No. of pinions			
	Manual lockout (ves. no)			
	Downs	hift accelerat	or control (yes, no)	
	Minimum cut-in speed			
	Gear ratio			
Overdrive		Copacity		
		(O.D. only)		
	Lubria	Separate fi	lter (yes, no)	
	cont	Type recon	mended	
		SAE vis-	Summer	
		cosity	Winter	
		number	Ext. cold	
DR	IVE UN	lits—Au	ITOMATIC TRAI	NSMISSION
Trade name				Powerglide
Type (fluid c	oupling wi	th		Torque Converter
gears, torqu with gears, c	e converto other)	r		With Planetary Gears
Manual selec	tor positio	ns, left		P-Park
to right (show	v symbols	and		N-Neutral
define, e.g., N- Neutral)				D-Drive

define, e.g., N- Neutral)	D-D rive L-Low B-Reverse	
List gear ratios in each drive position (range)	Drive 1.82-1 Low 1.82 Rev. 1.82	
Shifting within drive position range by accelerator control and speed limiting governor (yes, no)	Yes	
By governor—forced shift (yes, no)	Yes	
Downshift of gears in high range possible up to (mph)	50	

MAKE OF CAR CHEVROLET

______MODEL YEAR 1955

MODEL	CORVETTE	

DRIVE UNITS—AUTOMATIC TRANSMISSION (cont.)

	Number of	elements	3
Torque convertor	Max. ratio at engine	ot stall rpm	2.1:1
		Provided (yes, no)	No
	Mechan-	Speed range	an ag m
	ical lockup	Releases at (speed range, mph)	
	Type of cooling (forced air, oil cooler and type, other)		None
	Anti-creep device (yes, no)		No
·	Capacityrefill (pt.)		ll QtsRefill 5 qts.
	Type recor	mmended	Type A
Lubricant		Summer	Same Grade For
	Grade	Winter	All Temperature
	Extreme cold		Ranges

DRIVE UNITS-PROPELLER SHAFT

Number used			1
Type (expose	d, torque tub	e)	Typosed Hotchkiss
Outer	Convention	al trans.	
diameter x length* x wall thickness	Overdrive	trans.	
	Automatic	trans.	2.50 x .065 (Effective Length Varies Due to U-Joint Slip on Spline)
Inter- mediate bearing	Type (plain, anti-friction)		None
	Lubri. (fitti prepack)	ng,	None
	Make		Own
	Number u	ied	2
Universal ioints	Type (bali cross, othe	and trunnion, r)	Yoke and Spider (Trunnion)
10		Type (plain, anti-friction)	Anti-Friction
	Bearing	Lubric. (fitting, prepack)	Z-Fittings
Drive taken through (torque tube or arms, spring)			Rear Springs
Torque taken through (torque tube or arms, springs)			Rear Springs

*Centerline to centerline of joints or centerline of rear attachment point.

MAKE OF	CAR	CHEVROLET	MODEL YEAR 1955			
MODEL	CORVETTE					
DRÍ	VE UNITS-	-REAR A	XLE			
Type (semi-flo	ating, other)		Semi-Floating			
Gear type (hypoid, other)			Hypoid			
	Conventional	trans.				
Gear ratio and No. of teeth	Overdrive tr	ans.				
	Automatic tr	ans.	315517)			
Pinion adjustm	ent (shim, other	1.	Shim			
Pinion bearing	adj. (shim, oth	ier)	None			
	Capacity (p	t.)				
	Type recommended		A-9 Hypoid Lubricant			
Lubricant	SAE vis- cosity	Summer	SAE 90			
		Winter	SAE 90			
number		Extreme cold	SAE 80			
DRI	VE UNITS	WHEELS	5			
Type (disc, other)			Short Spoke Disc			
Rim (size and flange type)			<u>15 x 5K</u>			
	Type (bolt or stud)		Bolt			
Attachment	Circle diameter		<u> </u>			
	Number and size		<u> </u>			
DR	VE UNITS	-TIRES				
Size and	Standard		6.70-15-4 Ply Tubeless			
ply rating	Optional		6.70-15-4 Ply White & Blackwall			
Rev/mile at 3	30 mph		754			
Inflation	Front		24 Lbs.			
press. (cold)	(cold) Rear		211 Lbs.			
BR	AKESSEI	VICE				
Туре			Servo-h Wheel Hydraulic			
Booster hate			None			
Booster type			158			
Percent brok	e effectiveness		144 %			
		Front	11			
Drum	Diameter	Rear	11			
	Type and i	naterial	Composite, Rim-Cast Alldy Iron, Web-Pressed Steel			

MAKE OF	CAR	CHEVROI	ET	MODEL YEAR1955		
MODEL	CORVETTE		4 - C - C - C - C - C - C - C - C - C -			
BR	AKES—SE	RVICE (co	ont.)			
	Bonded or	riveted		Bonded		
		Material		Full Molded Asbestos Composition		
	Pri-	Size (length x	Front wheel	9.3125 x 2.0 x .202222		
	mory	width x thickness)	Rear wheel	9.3125 x 1.75 x .202222		
Brake I''		Segments p	per shoe	1		
lining		Material		Full Molded Asbestos Composition		
	Second-	Size	Front wheel	11.6875 x 2.0 x .202222		
	ary	width x thickness)	Rear wheel	$11.6875 \times 1.75 \times .202222$		
		Segments p	per shoe]		
Wheel cyl-	Front	-		1.125		
inder bore	Rear			1.0		
Master cylind	ter bore			1,0		
Available pe	dal travel			4-1/2		
Line pressure	at 100 lb. pe	dal load		700 (Approx.)		
Shoe clearar	nce adjustment		<u> </u>	To Light Drag and Back Off 7 Notches		
BR	AKESPA	RKING				
Type of cont	rol			"T" Handle Pull Rod		
Location of c	ontrol			L.H. of Steering Column, Below Instrument Panel		
Operates on				Rear Service Brakes		
lf sepa-	Type (inter	nal or extern	al)			
rate from	Drum diam	leter				
service brakes	Lining size width x thi	(length x ckness)				
FR/	AME					
Type and description				Full Length, Welded, Box Section Side and Rear Cross- members. "I" Beam Type Member, Bracing From "X" Member To Frame Front Sidemember. Rear Shock Absorber Cross- member of "U" Type. "I" Beam Type "X" Member		
FR	ONT SUS	PENSION				
Type and de	scription			Unitized, Independent, Short & Long Arm		

Page 17 Rev. 8-53

MAKE O	F CAR	Che	evrolet	MODEL YEAR 1955				
NODEI	 (Sorvette						
- NODEL_ 51	ONT SU	SPENSI	ON (cont.)					
				0-23				
	Туре							
	Material			Chrome Alloy Steel				
	Size (length	x width x		13.45 Free Length X 3.752				
pring	No, leaves a	ST COIL L.D.	k	Total Number of Coils 9-3/4				
	Spring rate	(ib. per in.)						
	Rate at whe	el (lb. per i	in.)	110				
:	Normal load	i (ib. @ rot	ed length)	11) ג מ פ 62				
	Manufacture)r						
ihock	Type (direct	or lever)		Direct Double Asting Hydraulic				
bsorbers	Piston diam	ter						
	Type (lisk li	inklass						
tabilizar	frameless)		l l	Link				
1 J D HI 2 D	Moterial		<u> </u>	Heat Treated Hr Carbon Steel				
<u> </u>	FFPING		<u>ll</u> _					
••••		Mechanica		Standard				
ype used r optional	(Standara	Power		N.A.				
Wheel die		JOwer		17.25				
		114/		$\frac{1}{38} \frac{58}{58} \frac{9}{7} \frac{1}{28} \frac{9}{28} \frac{1}{28} \frac{9}{10} \frac{1}{10} \frac$				
	Conside	Wall to W	un (r. & i.)	26 EE Bight-36 G3-Latit				
i urning dia meter	Incide	Wall to w						
alameter	rear	Curb to c	urb (r. & I.)	Ν.Α				
nside wh			neel at 20°	A.F.				
	eer wiigie wii			17				
	Туре			Semi-Reversible, Hour Glass Worm And				
				Ball Bearing Roller Sector				
		Make		Saginew				
nechanica	Geor		Gear	16.0:1				
		KOROS	Overall	16.0:1				
	No. wh	eel turns		3.9				
	Туре		···					
	Make							
	Trade	name						
		Туре						
ower	Gear	<u> </u>						
	ļ	Ratios	Gear					
		<u> </u>	Overall					
	Pump c	Pump driven by						
	Overa	i torque rat	no en					
	Numbe	r wheel turi	ns					
	Туре			Genter Point				
Linkaae	Locatio of whe	n (front or i eis)	rear	Rear of Wheels				
	Drag li	Drag link (trans. or long)						
			··••••					

MAKE OF (:AR	C	HEVROLET	MODEL YEAR 1955				
MODEL	CORVETTE							
STEE	RING (cont.)					
	Inclinatio	n at ca	mber (deg.)	3-1/2-1-1/2				
	Diameter			.86608665				
Kinapin		Up	Der	Bushing				
• • • • • • • • • • • • • • • • • • •	Bearings	Lov	ver	Bushing				
	(type)	Thr	ust	Single Row Ball				
	Caster (a	deg.)		, <u></u>				
Wheel								
alignment (range and	Comber	(deg.)		0-1				
preferred)	Toe-in (outside tread- inches)			0-1/8"				
Steering knuck	le type			Reverse Elliott				
	Diameter	r İnr	ner aring	1.2810-1.2815				
Wheel		0	uter					
spindle		be	aring	•7498-•7503				
	Thread size			3/4-20				
	Bearing	type		Ball				
REA	R SUSF	PENS	ION					
Туре				Longitudinal Springs				
Drive and tore	z, taken thr	ough (s	ee page 14)	Rear Springs				
Туре			Semi-Filiptic					
	Material			Chrome Alloy Steel				
	Size (length x width x No, leaves or coil 1.D.)			51 x 2 x li				
	Spring rate (lb. per in.)			115				
	Rate at wheel (lb. per in.)							
Spring	Normal load (lb. at rated length)			725				
	Mountin	g insula	tion type	Rubber Bushed				
		No. of	leaves	•].				
	1	Covers	(yes, no)	No				
	Hf [Lubrica	ited (yes, no)	Nc				
	lear	Incerts	Type and size	3-Liners-19.76x1.88x.100-31.76x1.88x.100-46.21x1.88x.100				
			Material	Wax Impregnated Fiber Board				
		Shackle	e (comp. or tens.)	In Tension From Rear Hanger				
Ch	Manufacturer			Delco				
absorbers	Type (direct or lever)			Direct, Double Acting, Hydraulic				
	Piston diameter			<u></u>				
Stabilizer	Type (link, linkless, frameless)			None				
	Materia			ad DJ Ge				
Track bar typ	e			None				

Page 19 Rev. 8-53

MAKE OF CAR _____CHEVROLET

MODEL YEAR _____19

1955

BODY-GENERAL DEFINITIONS

NOTE: included in the dimension definitions listed on this and the following pages are those which have been proposed for adoption by the SAE. These are indicated by a number following the type of dimension, e.g., L 3. Additional dimensions have been added by the AMA Specifications Body Sub-Committee for inclusion in the Questionnaire. These are shown by an additional letter, e.g., HA. The dimensions are developed from the following basic points:

- 1. Front and rear seat "A" points are taken 5" forward of vertical tangent to seat back 15" from center of body.
- 2. Front seat is in the rear position.
- 3. Loaded position—5 passengers, front 300 lb., rear 450 lb., includes spare wheel, tire and tools, and full complement of gas, oil, water, etc. and tires to recommended pressure, etc.
- 4. C. L. (centerline).
- 5. D. L. O. (daylight opening, exposed glass dimension).
- 6. Ramp breakover angle (page 20-A) is the supplement of the included ramp angle (180° minus the included ramp angle) over which a car can pass without hanging up.

MODEL CORVETTE

BODY—TRUNK OPENING DIMENSIONS



TA-Width across the top	1,5,96	
TB—Width across the bottom	35.00 One Inch Above Floor Line	
TC—Diagonal dimension at CL from top of opening to bottom	*	
TD—Vertical height of opening (floor to top, inside edge of opening)	14.40	
TE-Max, horizontal depth (forward from vertical projection of inside edge of opening)	31.00	
Position of spare tire stowage	Horizontal In Floor Tire Well Under Mat	
Method of holding lid open	Counterbalance Springs	

* - Not A Standard Dimension

Rev. 8-53 1955 Chevrolet MODEL YEAR MAKE OF CAR_ Gervette MODEL BODY-HEIGHT DIMENSIONS-INTERIOR HEADLINING_ C/L OF DOOR L113 TOP OF CARPET H1. Front headroom—from "A" pt. to headlining at 8° back of vertical on 15" line. (For "A" 35.40 pt. see note 1, page 19) H2. Rear headroom-from "A" pt. to headlining at 8° back of سەت ھە vertical on 15" line. H3. Front seat height to floor carpet on 15" line (front edge 8.00 of cushion). H8. Rear seat height to floor carpet on 15" line (front edge ----of cushion). H11. Entrance-front-cushion "A" point to bottom windcord 30.00 vertical. H12. Entrance-rear-top of cushion to bottom windcord ---vertical at C/L of rear door. H13. Steering wheel clearance to seat cushion taken on arc. 5.50 HA. front seat vertical rise at .22 "A" pt. (inches.)

AMA Consolidated Specification Questionnaire

AMA Consolidated Specification Questionnaire Page 20-A Rev. 8-53 1955 Chevrolet MODEL YEAR_ MAKE OF CAR Corvette MODEL **BODY-HEIGHT DIMENSIONS-EXTERIOR** -122 H-101 HB UNLOADED H-102 H-128 н-104 н 0 - INCLUDED RAMP ANGLE HC-RAMP BREAKOVER ANGLE (SUPPLEMENT OF INCLUDED RAMP ANGLE) H101. Overall height. Loaded-Top Up 51.25 HB. Overall height—unloaded. —T Up 52.16 p H102. Front bumper bottom to ground at normal section. 9.33 H104. Rear bumper bottom to ground at normal section. 15.00 H106. Angle of approach—from the tire rolling radius to lowest 28°321 point on front bumper or guard. H107. Angle of departure—from the tire rolling radius to low-17°401 est point on rear bumper or guard. 120541 HC. Ramp breakover angle.* 16,92 H117. Windshield DLO-slant height. H121. Backlight DLO*-Max., slant height. 10.00 H122. Windshield slope angle to <u>5</u>3° vertical line on car axis. H124. Backlight slope angle to <u>4</u>0° vertical line on car axis. H128. Ground to bottom of front bumper guard. H129. Ground to bottom of rear bumper guard. HD. Min. road clearance (loca-6" Minimum Below Door Opening tion and dimension). HE. Min. road clearance at rear axle. 8.00

*See Notes, page 19.

AMA Consolidated Specification Questionnaire Page 21 1955 CHEVRO LET MODEL YEAR___ MAKE OF CAR_____ CORVETTE MODEL_ **BODY—LENGTH DIMENSIONS** L104 LIO L105 L3. Rear compartment back of front --seat back to rear seat back. L4. Leg room_front_diagonal-ball of foot to top of seat to front seat 39.00 back—15" line. L5. Leg room-rear-diagonal---from ball of foot to top of rear seat cushion and to seat back. inte-L7. Steering wheel clearance to rior 13.70 seat back taken on arc. 19. Front seat depth (front edge to vert, tan. to seat back on 15" line). 18.24 L16. Depth of rear seat (front edge to seat back). ------L17. Total adjustment of 4.4 front seat at floor. 102 L101. Wheel base. L103. Overall length (bumper to 167 bumper inc. guards). Exte- 1104. Overhang-front including 26.10 rior bumper guards. L105. Overhang rear including 38.90 bumper guards.

BODY-WIDTH DIMENSIONS

OORVETTE

MODEL



Page 23 Rev. 8-53

	OPVETTE	
BODY-	-MISCELLANEOUS INFORM	ATION
oors hinged	Front	Front
ont, rear)	Rear	
pe of finish (lacqu	ver, enamel)	Lacover
od opening (fron	it, side; semi-full, full, half)	Front-Reverse Alligator
od counterbaland	ced (yes, no)	No
od release contro	ol (internal, external)	Internal
nt window contro ank, friction, pive	ol method ot).	Pivot
indshield (one pie	ece, two piece; curved, flat)	One-Piece Curved
ar window type (ece; curved, flat)	one piece, two piece, three	Plastic-One Piece, Flat
/indshield glass ar	red	892 Sc. In.
acklight glass are	o	300 Sq. In.
stal glass area		1687 Sc. Tn.
BODY-	TYPES AND STYLE NAMES	
ody type, number omes (use letter ca y passenger capa g., N-6 Ranchwaç	of passengers, and style ode shown below followed city and style name gon)	
		L-Convertible-2 Door-2 Passenger
		Body type code
ACoupe	e—2 door flatback	L-Convertible2 door
8—Coupe	e—2 door notchback	MConvertible-4 door
CSedar	n2 door flatback	N—Station wagon—2 door
DSedar	n2 door notchback	P—Station wagon—4 door
E—Sedar	n—4 door flatback (4 windows)	QCombined passenger and utility-2 door
F—Sedar	n4 door flatback (6 windows)	R—Combined passenger and utility—4 door
	n4 door notchback (4 windows)	S—Sedan delivery
GSedar	n—4 door notchback (ó windows)	T—Limousine
GSedaı HSedar		
GSedaı HSedar JHardt	top—2 door	

••

Page 24

INDEX

·- .

	•
SUBJECT	PAGE
Battery	8
Belts, driveBody	7
General Body Information	, 23
Height dimensions	20
Length dimensions	21
	1
	22
	23
Brokes	20
Parking	16
Service	, 16
Camber	18
Camshoft	4
Capacities	-
ruel lank	¢
Crankas	6
Overdrive	13
Transmissions	, 14
Rear axle	15
Carburetor	6
Caster	18
Choke, automatic	.6
Circuit breakers	11
Cutton (pedal operated)	12
Competing rode	2
Cooling system	7
Crankshaft	3.4
Cylinders, cylinder head	2
Distributor	9
Electrical System). 11
Engine	,
Bore and stroke, displacement	1, 2
Compression ratio	1, 2
Firing order, cylinder numbering	2, 9
General information	1, 2
	5,0
Fyhoust evidem	1, 2
Fan	7
Frame	16
Fuel	6
Fuel pump	6
	. 6
Fuel system	- 11
Fuel system Fuses	
Fuel system	
Fuel system Fuses	8
Fuel systemFuses	8 10
Fuel system. Fuses. Generator. Horns. Horsepower	8 10
Fuel system. Fuses. Generator. Horns. Horsepower Maximum brake.	8 10 1, 2
Fuel system. Fuses. Generator. Horns. Horsepower Maximum brake. Taxable.	8 10 1, 2 2
Fuel system. Fuses. Generator. Horns. Horsepower Maximum brake. Taxable.	8 10 1, 2 2
Fuel system. Fuses. Generator. Horns. Horsepower Maximum brake. Taxable. Ignition system.	8 10 1, 2 2 9

£.,

SUBJECT	PAGE
Kingpin	18
Lamp bulbs	11 2, 16
Lubrication	, 15
Muffler	6
Overdrive	13
Piston pins Pistons Propelier shaft	3 2 14
Radiator, radiator hoses	7
Rims	3
Shock absorbers Front	17
RearSpark plugs	18 9
Front	17 18
Valve Stabilizer	5
Rear	18
Steering	7, 18 9
Suspension Front	5, 17 18
Switches	iõ
Tailpipe	6 5,9 1,15
Toe-in Torque converter	18
Transmission Automatic	ı,∡ 3, 14
Conventional	2, 13 13 12
Types	2, 13 1, 22
Turning diameter	1, 17
Universal joints	14
Valves, intake and exhaust Voltage regulator	4, 5 8
Water pump Weight, shipping Wheel alignment Wheelbase Wheelbase	7 1 18 1, 21 15
Wheel spindle	18



19.5 To ground N 5 5 Between Wheelhouses Driver Seat Adjustment 4.4 Seat dimensions shown are measured 15 from E of car with seat in rear position. **30.88** 13. GF ల్జ్ 52.16 Juloaded 51.25 Loaded 72.24 σ ŝ ŝ 0 ໌ທ 88. 43 580 at lower edge of opening LIP-22 h: Belt 46 25 5 28.38-~ 28 0,75 ö 2 iars g 33. 52 \$ 5

10-29-54 CHEVROLET 1955 SPECIFICATIONS - PASSENGER

ſ

CORVETTE CONVERTIBLE (MODEL 2934) - 57

.

CORVETTE - Supplement

CORVETTE - SUPPLEMENT .

SERIAL NUMBERS

						-			
Vehicle S	erial N	Jum	ber:						
Type d	esignat	ion		'' VE	" for 8.	-Cy	1; "V	" for	6-Cyl
Assem	bly pla	nt –		• • • • •		- ''S	" for	St. I	ouis;
thus	"VE"	or	"V"	55S	001001	is	the	first	unit.
Transmis	sion S	crie	l Nur	nber	:				
Turne de	eignat	ion	and A		hlunlan	+ _ 11	C 11 60	- Clau	heele

Escine Seriel Number: Two designation

Engine Serial Number: Type designation	
>6-Cylinder Powerglide	YG
	10
S-Cylinder Powerglide	FG
Rear Axle Serial Number;	

Type designation				
"AE"; unit is	built at Detroi	t Gear a	and Axle	plant.

DIMENSIONS

Wheelbase	102
Length (Overall)	167
Width (Overall)	72.24
Height (Over windshield with top down)	48.50
Tread: Front	56.70
Rear	58.80

VEHICLE WEIGHTS*

Shipping -----2695 pounds Curb -----2840 pounds Loaded ------3140 pounds

6-Cylinder with Powerglide:

8-Cylinder with Powerglide:

FRAME

Make and Type ---- Own, Box Girder with "X" member Maximum overall length ------ 139.28 Maximum overall width (over side members) --- 43.24 Material ------ Hot Rolled Steel Material yield point ------ 33,000 lbs/eq.in. Material elongation ----- 25% minimum in 2 inches Side member section modulus (inches cubed) ---- 1.677 Moment of inertia (in.⁴) ----- 4.930 Construction: Side members ------ Box section, each composed

of two full length channel sections welded together. Front suspension cross member-Flanged, semi-tubular section with welded-on flat steel bottom plate. Rear shock absorber upper mounting cross member-..... Inverted channel section Rear cross member - Box section composed of a flanged channel section and a welded-on bottom plate. Center "X" member ------Composed of I-beam sections attached to side members at the end of each leg of the "X". Also attached to forward section of side members by

long angular braces from the front legs of the "X".

EQUIPMENT

Arm Rest Both Doors
Stowage Compartment Both Doors
Top
Folding, manually operated and stowed
in top well at rear of driver and passenger seats.
Door Windows In
chrome frames including ventipanes. Window frame snaps into slots in top of doors. When not in use the side windows are stored in the luggage compartment.
Luggage Compartment
Rear Deck; operated by key with
counterbalanced lid. Spare tire stowed below floor.
Hood Hinged
at front with release inside of cockpit. Supported
in open position by manually operated support arm.
Headlights
Recessed into front fenders behind mesh grille.

CXTE	CRIOR	INTERIOR	COLORS

EXTERIOR	TOP COLOR	WHEELS	INTERIOR
Polo White	White	Red	Red
Harvest Gold	Dark Green	Yellow	Yellow
Gypsy Red	Beige	Red	Light Beige
Corvette Copper	White	Bronze	Dark Beige

INTERIOR COLORS

ITEM	Red	Yellow	Light Beige	Dark Beige
Upper Inst. Panel	Red	Green	Red	Bronze
Steering Column				
Steering Whl Hub & Spokes	Red	Green	Beige	White
Dir. Sig. Housing				
Lower Inst. Panel	White	Vellow	Beige	White
Door Trim Molding	winte i chow		8	
Steering Wheel Rim	White	Yellow	Red	Bronze
Seats				
Door Panels	Red	Yellow	Light Beige	Dark Beige
Cowl Side Kick Panels		1		

10-29-54. Revised: 6-10-55, • - Data revised.

58 - CORVETTE CONVERTIBLE (MODEL 2934)

CHEVROLET 1955 SPECIFICATIONS - PASSENGER

CORVETTE SUPPLEMENT - Continued •

FRONT SPRINGS

At Spring ------ 300 lbs/in. At Wheel ------ 110 lbs/in. FRONT SHOCK ABSORBERS

REAR SHOCK ABSORBERS

6-CYLINDER ENGINE (POWERGLIDE)

The Corvette engine is basically the same as the New Blue Flame-136 passenger car engine, with the following exceptions and characteristics: Tappets ------ Mechanical Timing Gear

Timing Gear Aluminum
Carburetor 3-Side draft with manual choke
Compression Ratio 8.0:1
Electrical System 6-volt
Piston Rings Top compression ring chrome plated
Valve Springs Dual: Inlet and Exhaust

ADVERTISED MAXIMUM ENGINE PERFORMANCE

Gross Horsepower	155 @	4200 RPM
Net Horsepower	140 @	4000 RPM
Gross Torque	225@	2800 RPM
Net Torque	212@	2800 RPM

ADVERTISED CAR PERFORMANCE

Based on curb weight plus 300 lbs for 2 passengers
Performance weight 3140 pounds
Pounds/gross horsepower 20
Pounds/cu. in. displacement13.33
Gross Horsepower/cu. in. displacement
Power displacement (cu. ft. /mile) 182.4
Displacement factor (cu. ft./ton mile)116.18

CARBURETOR

ś

Number used 3
Make and Type Carter. Side Draft
Size (Main Venturi Throat I.D.) 1.312
Choke Manual
10-29-54. Revised: 6-10-55. e-Data revised
CHEVROLET 1955 SPECIFICATIONS - PASSENGER

REAR SPRINGS

Make and Type Own, Semi-elliptic
Material Chrome carbon steel
Length and Width 51×2
Spring Clips Total-4; 3 clinch type, 1 bolt type
Number of leaves 4
Thickness of leaves1 & 3, .282; 2, .313; 4, .262
Total thickness 1.159
Camber height at design load 1.58 Negative
Average rate of deflection 115 lbs/in.
Capacity at spring pad 575 lbs
Capacity at ground 725 lbs

DRIVE LINE

Type ----- Hotchkiss drive with one propeller shaft with "U" Joints at both ends

REAR AXLE Same as Passenger Powerglide, See page 31 SERVICE AND PARKING BRAKES

STEERING

Steering Gear Ratio	16:1
Steering Wheel Diameter	- 17.25
Turning Diameters:	
Right - Wall to Wall	- 38, 58
Left - Wall to Wall	- 38.99
Right - Curb to Curb	36.55
Left - Curb to Curb	36. 93

6-CYLINDER ENGINE SPECIFICATIONS

CAMSHAFT

Ramp, Inlet:		
Opening	01070.	30° Long
Closing	00856,	18º Long
Ramp, Exhaust:		e
Opening	01481.	37° Long
Closing		30° Long
Tappet Lift:		
Inlet		27428
Exhaust		28049
Valve Lift:		
Inlet		4051
Exhaust		4143

AIR INLET

Number Used ----- Three (One for each carburetor) Type -----Chrome plated metal housing with screen covered openings

ELECTRICAL SYSTEM (6-Volt)¢

Generator Delco-Remy, 1102793
Voltage & Current Regulator Delco-Remy, 1118827
Distributor 1112314
Coil 1115394
Spark Plugs AC 43-5
Commercial Spark Plugs, Wires, Distributor and
Coil are completely enclosed by a metal shield.
Firing Order1-5-3-6-2-4
Valve Timing (Theoretical)
Intake Opens 19° 30' BTC
Intake Closes44° 30' ABC
Exhaust Opens 59° BBC
Exhaust Closes50° ATC
Battery Delco.
6-volt, 15 plate; 100 amp/hrs. @ 20 hour rating ¢ - See page 60 for definition.
CORVETTE CONVERTIBLE (MODEL 2934) - 59

CORVETTE SUPPLEMENT • 8-CYLINDER ENGINE SPECIFICATIONS

Valve Lift:

8-CYLINDER ENGINE (POWERGLIDE)
The Corvette engine is basically the same as the
Turbo-Fire - 180 passenger car engine, with the
following exceptions and characteristics.
Tappets Mechanical
Piston Rings (Upper Compression)
Gap008016
Thickness , 169-, 179
ADVERTISED MAXIMUM ENGINE PERFORMANCE
Gross Horsepower195 @ 5000 RPM
Net Horsepower 180 @ 4800 RPM
Gross Torque 260 @ 3000 RPM
Net Torque 250 @ 3000 RPM
ADVETTISED CAR PERFORMANCE
Based on curb weight plus 300 lbs for 2 passengers.
Performance Weight 3105 pounds
Pounds/gross horsepower 16
Pounds/cu.in. displacement 11.72
Gross horsepower/cu.in. displacement74
Power displacement (cu. ft. /mile) 205. 3
Displacement factor (cu. ft. /ton mile) 132, 22
CAMSHAFT
Ramp, Inlet:
Opening 00843, 20° Long
Closing01065, 30° Long
Ramp, Exhaust:
Opening 01453, 33° Long
Closing 01468, 37° Long
Tappet Lift:

Inlet	.4043
Exhaust	.4136

VALVE SPRINGS

Length and Pressure:
Valve closed 1.696 @ 65-72 lbs
Valve open 1,306 @ 151-161 lbs
Free length 2.06 approximately
CARBURETOR
Same as 4-Barrel Carburetor used on passenger car
power package (RPO 410) as shown on page 48.
AIR CLEANER
Make and Type AC, oil wetted with chrome housing
Filter element Aluminum wire
ELECTRICAL SYSTEM (12-Volt)¢
Generator Delco-Remy, 1102025
Voltage and Current Regulator Delco-Remy, 1118826
Distributor 1110855
Coil 1115086
Spark Plugs AC 43-5R Commercial
Spark Plugs, Wires, Distributor and Coil Unshielded.
Firing Order 1-8-4-3-6-5-7-2
Valve Timing (Theoretical)
Intake Opens21°30' BTC
Intake Closes 63°30' ABC
Exhaust Opens 62°30' BBC
Exhaust Closes 23°30' ATC
Battery
Delco, 12-Volt, 9 plate 50 amp/hr @ 20 hour rate.
Generator to Engine Ratio 2.00:1

6 AND 8 - CYLINDER ENGINE SPECIFICATIONS

EXHAUST SYSTEM

Inlet -----. 26955 Exhaust -----. 27570

Type Dual
Muffler Two
Type Diffusion and resonance, reverse flow
Size (Body) 6-Cylinder16 x 5.06 x 7.31 (Oval)
8-Cylinder 24 x 4.06
Manifold (6-Cylinder)
Split, each exhaust pipe serving 3 cylinders.
Manifold (8-Cylinder)
Each serving 4 cylinders.
Exhaust and Tail Pipes Two Size (6-Cylinder) Exhaust & Tail Pipe -1, 75 OD; 1, 69 ID & Cylinder - Exhaust Pipe OD 2, 00; Tail Pipe ID 1, 81
Suspension Individually rubber insulated mounting FUEL SYSTEM
Fuel Tank Two stamped pans, seam welded
Capacity 17.25 gallons
Mounting Supported
by two straps attached to under body behind seat.
Filler
In body left side to rear of driver's side. TRANSMISSION

Same as passenger car Powerglide as shown on page 54, except selector lever is mounted on floor to right of driver.

COOLING SYSTEM

Radiator, Make & 7	Type Harrison, Cellular
Material	Copper
Size	
Frontal Area:	
6-Cylinder	393.48 sq.in.
8-Cylinder	340,66 sq.in.

Auxiliary Water Tank (6-Cylinder only) ---------- Located in engine compartment on right side at cylinder height with a 4 pound pressure capacity. Capacity:

6-Cylinder with Heater & Auxiliary Tank --- 18.25 qts 8-Cylinder with Heater ----- 17 qts Radiator Fan Shroud ----- 8-Cylinder only

RADIATOR HOSES (6-Cylinder)

Function	Inlet	Outlet	Aux, Tank		
Material	Fabric Reinforced Rubber				
Location	Cyl Head to Radiator	Radiator to Water Pump	Aux. Tank to Radiator		
Quantity	1	2	1		
Туре	Compound Curve	Elbow	Straight		
ID	1.25	1.50	1,24		
Developed Length (Approx.)	12.50	6.75	10.50		

RADIATOR HOSES (8-Cylinder)

Function	Inlet	Outlet		
Material	Fabric Reinforced Rubber			
Location	Cylinder Head to Radiator	Radiator to Water Pump		
Quantity	1	1		
Туре	Molded Elbow	Compound Curve		
ID	1.50	1.75		
Developed Length (Approx.)	16,50	15.00		

¢ - REFER TO THE PASSENGER CAR SECTION OF THE 1954 SPECIFICATIONS FOR DETAILED INFORMATION ON THE 6-VOLT ELECTRICAL SYSTEM OR THE 1955 SPECIFICATIONS FOR THE 12-VOLT ELECT. SYSTEM. 10-29-54. Revised: 6-10-55, • - Data revised. 60 - CORVETTE CONVERTIBLE (MODEL 2934)

CHEVROLET 1955 SPECIFICATIONS - PASSENGER

CORVETTE - SUPPLEMENT (Continued)

ENGINE PERFORMANCE



The engine performance curves shown on this sheet are taken from Chevrolet engine test report 19011-55. They represent the full throttle performance of a New Blue Flame 155 six cylinder corvette engine (235.5 cu. in. displacement) as obtained from dynamometer test data which were corrected to the standard barometric pressure 29.92" Hg. and the standard temperature of 60° F.

GROSS POWER and TORQUE were obtained in a reg-6-10-55.

CHEVROLET 1955 SPECIFICATIONS - PASSENGER

ular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

NET POWER and TORQUE were obtained from a dynamometer test simulating actual operating conditions when the engine is in its vehicle. It includes the use of the regular mufflers and pipes, the fan in operation and automatic spark advance. The generator is not charging.

CORVETTE CONVERTIBLE (MODEL 2934) - 60A



The engine performance curves shown on this sheet are taken from Chevrolet engine test report 16965-89. They represent the full throttle performance of a Turbo-Fire V-8 Chevrolet corvette engine (265 cu. in. displacement) as obtained from dynamometer test data which were corrected to the standard barometric pressure 29.92" Hg. and the standard temperature of 60° F.

GROSS POWER and TORQUE were obtained in a reg-6-10-55. ular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

NET POWER and TORQUE were obtained from a dynamometer test simulating actual operating conditions when the engine is in its vehicle. It includes the use of the regular mufflers and pipes, the fan in operation and automatic spark advance. The generator is not charging.

60B - CORVETTE CONVERTIBLE (MODEL 2934)

CHEVROLET 1955 SPECIFICATIONS - PASSENGER

į,

AUTOMOBILE MANUFACTURERS ASSOCIATION CONSOLIDATED SPECIFICATION QUESTIONNAIRE

MAKE OF CAR	CHEVROLE	<u>г</u>			MODEL NAME SY	MBOL
COMPANY:	CHEVROLET I GENERAL MO GENERAL MO DETROIT 2.	OIVISION TORS CORP. TORS BLDG. MICHIGAN			CORVETTE 2934 PLEASE RETURN TO)
MODEL YEAR:	1955	DATE	May 31.	1955	PRODUCT INFORMATION	FILE
					ROOM 3-312	
			TABL	E OF C	ONTENTS	
G	eneral Specification	\$		1	Frame	16
En	gine			2	Front Suspension	16

	•
Engine	2
Electrical	8
Drive Units	12
Brakes	15
ladar	

NOTES: 1. The specifications set forth herein are those in effect at the date of compilation and are subject to change without notice.

..... 24

 Steering
 17

 Rear Suspension
 18

 Body
 19

- 2. All specifications are standard for the models under which they are listed unless otherwise indicated.
- 3. All dimensions are nominal engineering dimensions unless otherwise indicated.
- 4. Unless otherwise indicated, specifications apply to 5 or 6 passenger, 4-door sedan or equivalent.

GENERAL SPECIFICATIONS

Model			Six Cylinder	Eight Cylinder		
Wheelbase			10	2		
	Front		56.	70		
Tread Rear			58.	80		
Maximum	Length	(L-103)	167.	00		
Overall	Width	(W-103)	72.	21,		
Dimensions	Height	(H-101)	18.50 Over S	/S (Top Down)		
Steering ratio			16:	1		
Turning diam	eter (curb	to curb)		: Left 36.93		
Shipping wei	ght*	(a)	2695 Lbs.	2665 Lbs.		
Transmission Conventional			Δ.			
(Specify standard, Overdrive optional, not avail.) Automatic		Overdrive	N.4.			
		Automatic	Standard			
	Conve	ntional	N.A	•		
Axle ratio	Overd	rive	N.A.			
	Autom	atic	3.55:1			
Tire size			6.70-15-1, PI	v Rating		
	Туре		Tn Line	Vee		
	No. of	cylinders	6	8		
	Valve	arrangement	În Head			
E -i	Bore	and stroke	$3-9/16 \times 3-15/16$	$3-3/l \ge 3$		
Engine	Piston	displacement, cu. in.	235.5	265		
	Stand	ard compression ratio	8.0:	1		
	Maxim	num bhp at engine rpm	155 · h200	195 @ 5000		
	Moxim	num torque at rpm	225 @ 2800	260 0 3000		

*Standard car weight, not including gas and water.

(a) Vithout Padio and Heater

Pc

MAKE OF CARCHEVROLET			CHEVROLET	MODEL `	YEAR 1955	
MODEL	CORVETTE			Six Cylinder	Fight Cylinder	
ENG	INE	GEN	IERAL			
	V, In-lir	se, oti	her	In Line	<u> </u>	
Туре	Angle	of V			900	
No. of cylinders				6	88	
Valve arrangen	nent			In I	lead	
Bore and stroke	•			3-9/16 x 3-15/16	<u>3-3/4 x 3</u>	
Piston displacen	nent, cu.	in.		235.5	265	
Numbering syst	em I	L Ban	k		1-3-5-7	
(front to rear)	Γ	R. Bai	nk 📃		2-4-6-8	
Firing order			1-5-3-6-2-4	1-8-4-3-6-5-7-2		
Standard Head		ard Head	8.0:1			
Compression ra	10	Optio	nai Head	N.A.		
	Head Standard			Cast Alloy Iron		
Cylinders	Material Optional		Optional	<u>N.A.</u>		
	Sleeve	-w.	et, dry, other, none	None		
Number of			Front	2		
mounting points			Rear		2	
Taxable horsepower	(Dia.²	x No 2.5	. Cγl.)	30.4	45	
	Stando	ard he	ad	155 @ 1200	<u>195 @ 5000</u>	
Advertised	Option	al he	ad			
max. brake horsepower at engine RPM*	With fuel (Octane Standard Head and method) Optional Head		Standard Head	80-85	85-90	
			Optional Head	-		
Max. torque	Stando	ard he	ad	225 @ 2800	260 @ 3000	
(16. ft. @ RPM)	Option	al he	od	·		
Recommended idle speed (neutral)			eutral)	425 In Drive		

ENGINE—PISTONS

Material			Cast Aluminum Alloy with Steel Struts				
Description an	id finish		Cam Ground, Tin Coated Controlled Expansion, Flat Head	Cam Ground, Tin Coated Controlled Expansion, Flat Head, Slipper Type Skirt			
Weight (pisto	n only) oz.		18.88			78.88	
	Top land		.028036	.035042			
		Тор	.00050011 (a)	.00050011 (Ъ)			
	Skirt	Bottom					
~	No. 1 rin	a ·	.19852045	.21182178			
Ring groove depth	No. 2 rin	9	.19852045	.21182178			
	No. 3 rin	<u> </u>	.19852045	.20412105			
	No. 4 ring		Non	e			

*Corrected as defined by SAE Engine Test Code, with the following standard power consuming accessories: Dynamometer Exhaust, water pump, no fan, generator (not charging)

(a) Measured 1.29 inches from top of piston

(b) Measured 2.44 inches from top of piston

(c) Measured with respect to cylinder wall

·

MAKE OF C	CAR	HEVROLET	MC	DDEL YEAR 1955
	CORVETT	E	Six Cylinder	Eight Cylinder
		IGS		
	No. 1 oil or	comp.	(2)	(2)
tuma lann	No. 2 oil or	comp.	(b)	
o bottom)	No. 3 oil or	comp.	(0)	(b)
,	No. 4 oil or	COMD.	(C)	None
lo, rinas abor	re piston pin	comp.		3
	Material			Allow Tron
	Coating		Top Ring - Bottom Ring - W	Chrome Plated
Compression	Width		.09300935	.077- 078
	Gap		.007017	$IImper_{-0.08-0.16} Iower_{-0.09-0.1}$
	Maximum v	all thickness	. 178	$\frac{1}{1000} = 179 \cdot 1000 = 187$
	Material			Steel
	Cogting	·····		
			Chrome	Plated O.D.
)il	Width		.180185	181_ 188
	Gap		015-035	
	Maximum	all thickness	128 (Dotto)	168 (Rasile)
accilian of an			<u></u>	Nono
ENG	INE-PIS	TON PINS		
Aaterial			Chromium Ste	el (File Hard Case)
ength			3.168-3.198	3.110-3.130
lameter	leter		. 8660- 8665	.92709273
	Locked in r piston, float	od, in ting, etc.	Clamped in Rod	Pressed in Rod
ype	Bushing	In rod or piston Material		None
	In piston		0001500025	.0001100029
Jearance	In rod			None
irection offse	t in piston		Major	Thrust Side
ENG	INE-CO	NNECTING R	ODS	
Acterial			Drop	Forged Steel
Weight (oz.)			31,70	19.02
ength (center	to center)		6,8125	5,700
	Material	li li	Steel B	acked Babbitt
	Type (cast-	in or removable)	Rer	novable
Bearing	Effective le	ngth	1.008	.817
-	Clearance		00.	070028
End play			.005010	.00801); (2 Rods)
ENC	SINE-CR	ANKSHAFT		
Material		·	Dron	Forged Steel
Waisht /IL \			80.00	1.7 7ピ
			00:00	<u> </u>
(a) Thick (b) Thick (c) Three	(Wall - (Wall - Piece W	Inside Bevel Inside Bevel ith Expander	- Chrome Plated or Counterbore (2 Chrome Plated Rails)	
(d) Thick (e) Thick	c Wall - c ₩all -	Inside Bevel Inside Bevel	- Taper Face - Chrome P. or Counterbore - Taper	lated Face

(f) Multi-Piece (2 Chrome Plated Rails with Spacer)

MAKE OF CAR CHEVROLETMODEL YEAR1955			YEAR1955		
MODEL	CORVI	TTE	Six Cylinder	Eight Cylinder	
EN	GINE-C	ANKSHAFT (con	t.)		
/ibration da	mper type		Oscillating (F	Pubber Flosting)	
ind thrust tak	en by bearin	g (No.)			
roakshoft e	nd play		0035_0095	002-006	
	Material	·····	Steel Back	red Babbitt	
	Type (cas	-in or removable)	Beng	rahle	
	Ciearance	,	_000lin_0025	-0008003lt	
		No. 1	2.6810×1.063	2 2983 v 702	
		No. 2	2.7150×907	2 2983 - 702	
lain	dia and	No. 3	2.7160×-968	2,2983 - 702	
earing	bearing	No. 4	2.7770 x 1.189	2,2983 x -702	
	effective	No. 5	······································	2.2983×1.160	
	length	No. 6			
		No. 7			
	Direction	offset from cyl. bore	Nor	10	
onnecting re wrnal diame	od crankpin ster		2.3115	1.9995	
EN	GINE-C	MSHAFT			
Aaterial			Cast. All	v Tron	
	Material		Stool Backed Babbitt		
aarings	Number	· · · · · · · · · · · · · · · · · · ·	SLEEL_BECKE		
•	Gear or	hain	Coar	Chain & Sanakat	
	Crankshat sprocket	t gear or naterial	Steel		
ype of	Camshaft sprocket t	gear or naterial	Aluminum Alloy	Cast Alloy Iron	
		Make	None	Link Belt	
	Timing	No. of links		46	
	chain	Width		.875	
		Pitch		.500	
EN	GINE-V	ALVE SYSTEM			
lydraulic lift	ers (yes, no)		No	· · · · · · · · · · · · · · · · · · ·	
Special provision for valve rotation (intake, exhaust)			None		
Rocker ratio			. 1.477:1	1.455:1	
)perating to learance (in	dicate	ske	.006 Hot	.008 Hot	
ot or cold)	Exi	aust	.013 Hot	.Ol8 Hot	
Cappet clear	ance int Ex	ngust	Zer	D	
Timing marks on fly- wheel, damper, other			Flywheel	Damper	

MAKE OF	CAR	CHEVROLE	MODEL	YEAR1955	
MODEL	CORVET	TE	Six Cylinder	Eight Cylinder	
ENC	GINEVA	LVE SYSTE	M (cont.)		
<u> </u>	Intella	Opens (°BTC)	190 301	210 30 1	
Timing	unake	Closes (°ABC)	<u>1110 301</u>	63° 30'	
	Exhaust	Opens (°BBC)	590	62° 301	
	LANGUSI	Closes (°ATC)	5°	23° 301	
	Material		Silicon Chromium	or Nickel Chromium Steel	
	Overail len	gth	6.376-6.396	4.902-4.922	
	Actual over	ali head dia.	1.875	1.720	
	Angle of se	at	30° Valve Face - 31° in Head	45° Valve Face - 46° in Head	
	Seat insert	material	Non	e	
	Stem diame	eter	3/10-3/17	-31,15,31,22	
	Stem to gui	de clearance	.0010-	.0027	
	Lift		.):051	1013	
NIIGKE	Outer spring	Valve closed (lb. @ in.)	66-72 @ 1.858	65-72 @ 1.696	
	press. and length	Valve open (lb. @ in.)	150-160 @ 1.462	151-161 @ 1.306	
	Inner spring press. and length	Valve closed (Ib. @ in.)	27-31 @ 1.788		
		Valve open (Ib. @ in.)	55-61 @ 1.392		
	Material		Silchrome XCR Steel	Aluminum Diprod Scate	
	Overall len	gth	J. 913-	4.933	
	Actual over	all head dia.	1.500		
	Angle of se	at	45° Valve Face - 46° in Head		
	Seat insert	material	None		
	Stem diame	iter	3410-	.3117	
	Stem to gui	de clearance	.00100027	.00150032	
Exhaust	Lift		,1,1,1,3	.1136	
EANGUSI	Outer spring	Vaive closed (Ib. @ in.)	66-72 @ 1.858	65-72 @ 1.696	
	press. and length	Vaive open (Ib. @ in.)	150-160 @ 1.462	151-161 @ 1.306	
	Inner	Valve closed (lb. @ in.)	27-31 @ 1.788		
	spring press. and length	Valve open (Ib. @ in.)	55-61 @ 1.392		

ENGINE-LUBRICATION SYSTEM

	Main bearings		Pressure	
Type of lubrication (splash,	- Connecting rods	Pressure		
	Piston pins Sprayed from Connecting Rod Journal Boss			
	Camshaft bearings Pressure			
pressure,	Tappets	Metered Pressure		
nozzie)	Timing gear or chain	Nozzle Pressure		
	Cylinder walls	Pressure Jet		

MAKE OF CAR CHEVROLET		VROLET	MODEL YEA	R1955	
MODEL	CORVETTE		Six Cylinder	Eight Cylinder	
ENG	INE-LUBR	ICATION SYS	iTEM (cont.)		
Oil pump type	·		Gear		
Normal oil pres	sure (ib. @ rpn	n)	30 PSI @ 1170-1	1200 RPM	
Oil pressure go (electric or mec	ige type hanical)		Electr	ic	
Type oil intake stationary)	(floating,		Floatin	ng	
Oil filter type (partial flow)	full flow,		None		
Capacity of cre filter—refill (qt	ankcase, less .)		5	4	
Oil grade recommended (SAE viscosity and temperature range)		viscosity	Not Lower than 32° F As Low as 10° F As Low as Minus 10° F Below Minus 10° F	SAE 20W or SAE 20 SAE 20W SAE 10W SAE 5W	
Oil type recommended			Heavy D	uty	
ENG	INEFUEL	SYSTEM			
Recommended	Standard hea	d	See Fuel Octane Information on Fage 2		
ivel	Optional head	9	None		
ⁱ uel	Capacity (gal	s.)	17.25		
ank	Filler Location		Rear of Driver's Door on Body L.H. Side		
Fuel	Туре		None		
Filter	Location				
	Type (elec. or	mech.}	Mechanical		
Fuel	Location		R.H. Side Nea	r Front of Block	
pump	Pressure range		3 1/2-/1 1/2		
	Vacuum booster (std., optl., none)		None		
	Make		Carte	r	
	Model numbe	r			
	Number used	Downdraft, side inlet, other	Side Draft	Downdraft	
Carburator	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Single or dual	Single	Dual	
Corbureior	Intake manifo (manual, auto	id heat control ., none)	None	Automatic	
	Automatic choke type (integral, other)		Manual	Integral	
	Air cleaner	Standard	Air Inlet Extension & Screen	Oil Wetted	
	type Optional		None		
ENG	INE-EXH	AUST SYSTEM			
Type (single, si	ngle with cross-	over, dual, other)	Dual	·	
Muffler type (r	ev. flow, str. the	u, sep.resonator)			

Muffler type (rev. flow, str. thru, sep.resonator)		Reverse Flow	Straight Through	
Eukaust nine die	Branch			
exhaust pipe ala.	Main	1.75" O.D.	2" O.D.	
Tail pipe diameter		1.69" O.D. (a)	1.81 O.D. (a)	

(a) Stainless steel tail pipe extension added to end of tail pipe.

Page 6 Rev. 8-53

Page 7

MODEL ORVETTE Six Cylinder Eight Cylinder ENGINE-COOLING SYSTEM Pressure . Type (presure system, atmospheric, other) Pressure . . Redistor cap reliaf valve press. (a) . . . Exclusion Type (choke, sygnal) Momber of pumps Water Number of pumps Water Number of pumps Stars to open et Water addrawer of pumps Stars to open et . <th>MAKE OF</th> <th>CAR</th> <th>CHEVROLET</th> <th>MÖDEL Y</th> <th>EAR 1955</th>	MAKE OF	CAR	CHEVROLET	MÖDEL Y	EAR 1955
ENGINE—COOLING SYSTEM Type (pressure system, addictor cap relief volve press. (a) 6 1/1-7 1/2 PST Choke bernotet Stords copen of Type (check, typess) Canter ifugal Type (check, typess) Canter ifugal Water Type (check, typess) Canter ifugal Type (check, types) Canter ifugal Canter ifu	MODEL	CORVETT	E	Six Cylinder	Eight Cylinder
Type (pressure system, timespheric, other) Pressure · Redictor cap relisf valve press. (a) 6 1/1-7 1/2 PST Circulation hermosth Type (other, bypenal) Choke Starts to open of	ENG	INE-CO	DOLING SYSTE	M	
Redistor cap relief valve press. (a) 17000000000000000000000000000000000000	Type (pressure atmospheric, a	system, ther)		Proc	S11770 #
Type (choke, bypens) Choke Starts to open at Choke Starts to open at Choke Water Number of pumps 1 Drive (V-belt, other) V-Belt Bearing type Permanently Inbricated, Double Row Ball Bearing Arge starts and finition type (internet, external) Internal Collular Collular Collular Collular Collular Collular Colling type Yes Writhout heater (qt.) 17.75 Meter all arcund cylinder (yes, no) Full Stroke Length Meter all arcund cylinder (yes, no) Yes Inside diameter 1-1/2 x 6-3/li and length 1-1/2 x 6-3/li Inside diameter 1-3/li x 15 Number and type 2-1-Molded Inside diameter 1-3/li x 12-1/2 and length 1-1/2 x 6-3/li Inside diameter 1-3/li x 15-1/2 Inside diameter 1-3/li x 12-1/2 and length Number and type 1-1/li x 10-1/2 Inside diameter Molded-1-1/li x 10-1/2	Radiator cap	relief valve (press.	(a)	6 1/1-7 1/2 PST
Hermostal Storts to open at Type (cantrifugal, other) Centrifugal Woter Number of pumps 1 Drive (V-beit, other) V-Belt Bearing type Barnage transmission Permanently Lubricated, Double Row Ball Pearing By-pass redrouction type (internal, external) Internal Cooling syn- em capacity With heater (qt.) 18.25 Cooling syn- em capacity 17 Water all around cylinder (yes, no) Full Stroke Length Vater all around cylinder (yes, no) Yes Number and type (lower Number and type (molded, straight) 2-Molded Invide Number and type (molded, straight) 1-1/2 x 6-3/li Invide Number and type (molded, straight) 2-Molded Invide Invided, straight) 1-Moldec Invide Invide diameter and length 2-1-Wolded Invide diameter Invided, straight) 1-1/2 Invide diameter Invide diameter Invide diameter and length	Circulation	Type (cho	ke, byposs)	Cho	ke
Type (centrifugal, other) Centrifugal Number of pumps 1 Number of pumps 1 Drive (V-bei), other) V-Belt Bearing type Permanently Lubricated, Double Row Ball Bearing Bypss rediculation type (internet, external) Internal Redictor core type Cellular Cooling type With beater (qt.) 18.25 With beater (qt.) 18.25 17 Mem capacity With beater (qt.) 12.775 16 Worker all around cylinder (yes, no) Yes Yes Worker all around cylinder (yes, no) Yes Number and type Invide diameter In-1/2 x 6-3/L 1-3/L x 15 Madiator Number and type 1-Molded 1-Molded Invide diameter Moldéd-1-1/L x 10-1/2 1-1/2 x 16.50 Number and type By- Number and type None 1 Mudeed of V 370-1/L 1-2/2 x 16.50 1 Number used 1 None Poss Inside diameter and l	thermostat	Starts to a	open at		
Number of pumps 1 Dump Drive (V-belt, other) V-Belt Bearing types Permanently Lubricated, Double Row Ball Bearing hypess rediculation type (internal, external) Internal Radiator core type Cellular coling system With heater (qt.) 18.25 mcapacity With heater (qt.) 17.75 Water ideats fullength of cylinder (yes, no) Full Stroke Length Water all around cylinder (yes, no) Yes Iower Number and type (molded, straight) 2-Molded Iower Imolded, straight) 2-Molded Inside diameter and length 1-1/2 x 6-3/li 1-3/li x 15 Number and type 2-1-Molded 1-Moldec Inside diameter and length Straight-1-1/li x 10-1/2 1-1/2 x 16.50 Number and type Inside diameter and length Inside diameter and length		Type (cen	trifugal, other)	Centr	ifugal
Dump Drive (V-beit, other) V-Belt Bearing type Permanently Lubricated, Double Row Ball Bearing By-pass rediculation type (internal, external) Internal Redictor core type Cellular Cooling syn With heater (qt.) 18.25 Cooling syn With heater (qt.) 18.25 Cooling syn With heater (qt.) 17.75 Water idictates full length of cylinder (yes, no) Yes Mater all arrowd cylinder (yes, no) Yes Indicates full length of cylinder (yes, no) Yes Indicates full length 1Molded Indicates full length 1Molded Inside diameter Molded-11/1/2 x 16.50 Number and type	Water	Number o	f pumps	1	
Bearing type Permanently Lubricated, Double Row Ball Bearing by-pess redroubtion type (internal, external) Internal ladiator core type Cellular cooling syr With hester (qt.) 18.25 internal 17.75 16 Without hester (qt.) 17.75 16 Water lackets full length of cylinder (yes, no) Yes Number and type (molded, streight) 2-Molded Lower Number and type 1-3/L x 15 Indied iterer and length 1-1/2 x 6-3/L 1-3/L x 15 Number and type 2.1-Molded 1-Moldec Inside diameter Molded-1-1/L x 12-1/2 1-1/2 x 16.50 Number and type Straight) None Poss Inside diameter Molded-1-1/L x 10-1/2 1-1/2 x 16.50 Number and type Upper Inside diameter Molded-1-1/L x 10-1/2 Number and type Upper Inside diameter Molded-1-1/L x 10-1/2 Number and type Upper Upper Inside diameter Inside diameter Molded-1-1/L x 10-1/2 1-1/2 x 16.50 Number and type Upper Upper Inside diameter Inside diameter Molded-1-1/L x 10-1/2 1-1/2 x 16.50 Number of blocks <t< td=""><td>pump</td><td>Drive (V-b</td><td>pelt, other)</td><td></td><td><u>1t</u></td></t<>	pump	Drive (V-b	pelt, other)		<u>1t</u>
py per recruice on type (internet, externet) Internal Redictor core type (internet, externet) Cellular Colling type (internet, externet) Cellular Colling type (internet, externet) Cellular Colling type (internet, externet) Cellular Colling type (internet, externet) 17.75 16 Without heater (qt.) 17.75 16 Without and length 1-1/2 x 6-3/1, 1-3/1, x 15 Number and type (1-1/2 x 6-3/1, 1-3/1, x 15 Number and type (1-1/2 x 10-1/2 1-1/2 x 16.50 Number and type (1-1/2 x 16.50 None 10.000 Poss Inside diameter and type (1-1/2 x 16.50 None 10.000 Poss Inside diameter and type (1-1/2 x 16.50 None 10.000 Poss Inside diameter and type (1-1/2 x 16.50 None 10.000 Poss Inside length 10.0000 Poss Inside length 10.00000 Poss Inside length 10.00000 Poss Inside length 10.00000 Poss Inside length 10.00000000000000000000000000000000000		Bearing ty	/pe	Permanently Lubricated,	Double Row Ball Bearing
Collular Mithester (gt.)	Dy-pass recirci Redieter	Jation type	(internal, external)	Inter	nal
Cooling sys- am capacity With heater (qt.) 18.25 17 Without heater (qt.) 17.75 16 Water rackets full length of cylinder (yes, no) Full Stroke Length Water rackets full length of cylinder (yes, no) Yes Water rackets full length of cylinder (yes, no) Yes Water rackets full length of cylinder (yes, no) Yes Water rackets full length of cylinder (yes, no) Yes Number and type 2-Molded Indied, streight) 2-Molded Indied, streight) 1-3/li x 15 Number and type 2-I-Molded Indied, streight) 1-3/li x 12-1/2: Indied, streight) 1-Straight Inside diameter Molded-1-2/li x 12-1/2: Indied ismeter Straight-1-1/li x 10-1/2 Pass Indied ismeter Indied ismeter Indied ismeter	(cellular, tube	type and fin)		Cellu	lar
em cspachy Without heater (qt.) 17.75 16 Water jackets full length of cylinder (yes, no) Yes Water all around cylinder (yes, no) Yes Water all around cylinder (yes, no) Yes Water all around cylinder (yes, no) Yes Number and type (molded, straight) 2-Molded 1-Molded Inside diameter 2-1-Molded (molded, straight) 2-Molded 1-3/h; x 15 Number and type 2-1-Molded (molded, straight) 1-1/2 x 6-3/h; 1-3/h; x 15 Number and type 2-1-Molded (molded, straight) 1-1/2 x 10-1/2 Number and type 3 Number and type (molded, straight) 1-1/2 x 16.50 Number and type (molded, straight) None By. (molded, straight) None Inside diameter and length 2-1-1/h; x 10-1/2 1-1/2 x 16.50 Number and type (molded, straight) None Fan Angle of V 3 Gener- ator Width 3/8 Angle of V Same as Fan Belt Outside length 1-10 Videh 1-2-1/1 - 1/1 x 10-1/2 Number of blades and spacing 1 Number of blades 17 Retio-fan to crankshaft revolutions .90h;11 .91/9:1	Cooling sys-	With heat	er (qt.)	18.25	17
Water jackets full length of cylinder (yes, no) Water all around cylinder (yes, no) Water all around cylinder (yes, no) Number and type Lower	tem capacity	Without he	eater (qt.)	17.75	16
Water all around cylinder (yes, no) Yes Number and type [nolded, stroight] 2-Molded	Water jackets	full length o	f cylinder (yes, no)	Full Stroke Length	
Lower Number and type (molded, straight) 2-Molded 1-Molded tadiator upper Number and type (molded, straight) 2-Molded 1-3/1; x 15 Upper Number and type (molded, straight) 2-1-Molded 1-3/1; x 15 Number and type (molded, straight) 1-Straight 1-Molded Inside diameter and length Molded-1-1/1; x 12-1/2; Straight=1-1/1; x 10-1/2 1-1/2 x 16.50 By- pass Number and type (molded, straight) None By- pass Inside diameter and length Fan Number and type (molded, straight) None Fan Number and type (molded, straight) Number and type (molded, straight) None Pass Inside diameter and length Number and type (molded, straight) None Pass Inside diameter and length Vive beits Same as Fan Belt Outside length	Water all aro	und cylinder	(yes, no)	Yes	
hadiator tadiator cose $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		Lower	Number and type (molded, straight)	2-Molded	l-Molded
Number and type (molded, straight) 2_1 -Molded 1Straight $1Moldec$ Inside diameter and length Molded- $1-\frac{1}{4}$ x $12-\frac{1}{2}$ $1-\frac{1}{2}$ x 16.50 By- pass Number and type (molded, straight) None By- pass Inside diameter and length None Fan Number used 1 Angle of V 370-1,1/0 Outside length 1/2 Vidth 3/8 Angle of V Same as Fan Belt Outside length 1/2 Vidth Number of blades end spacing 1/2 Diameter cranskoff revolutions .900;:1 .900;:1 Begring type Water Dump Begring			Inside diameter and length	$1-1/2 \times 6-3/h$	1-3/h x 15
Upper Inside diameter and length Molded-1-1/l x 12-1/2: Straight-1-1/l x 10-1/2 1-1/2 x 16.50 By- pass Number and type (molded, straight) None Pass Inside diameter and length Number used 1 Angle of V 370-1/1/0 Outside length 1/2 Width 3/8 Angle of V Same as Fan Belt Gener- ator Outside length Width Number of blades and spacing 18 Diameter 18 Ratio-fan to crankshaft revolutions .901:1 Begring type Watter Pump Begring	Radiator	Upper	Number and type (molded, straight)	2_1-Molded 1-Straight	l-Moldec
By- pass Number and type (molded, straight) None Prive Inside diameter and length	hose		Inside diameter and length	Molded- $1-1/L \ge 12-1/2$ Straight- $1-1/L \ge 10-1/2$	$1 - 1/2 \times 16.50$
pass Inside diameter and length Number used 1 Angle of V 370-),1,0 Outside length 1,0" Width 3/8 Gener- otor Angle of V Width 3/8 Gener- otor Outside length Width 3/8 Angle of V Same as Fan Belt Outside length Width Width Width Width Width Diameter 18 Diameter 18 Ratio-fan to crankshoft revolutions .900;:1 Begring type Water Pump Begring		By-	Number and type (molded, straight)	Non	e
Prive Number used 1 Angle of V 370-),10 Outside length 10" Width 3/8 Generator Angle of V Generator Angle of V Outside length 3/8 Mumber of blades 1 ond spacing 1 Diameter 18 Ratio-fan to crankshaft revolutions .90);:1 Begring type Water Pump Beapring		pass	Inside diameter and length		
Fan Angle of V 370-1/10 Outside length 1/0" 5/4-3//4" Width 3/8 Generator Angle of V Outside length 3/8 Outside length 3/8 Mumber of blades 1 ond spacing 1 Staggered 17 Ratio-fan to crankshaft revolutions .901:1 Begring type Water Pump Beapring			Number used		
Prive pelts Prive			Angle of V	270	1.0
Width 3/8 Generator Angle of V Outside length Same as Fan Belt Width Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt Image: Same as Fan Belt		Fan	Outside length	JiO"	5)1-3/),"
Angle of V Same as Fan Belt otor Outside length Width Width Oinspecing 14 Staggered Diameter 18 Ratio-fan to crankshoft revolutions .904:1 Begring type Water Pump Begring	Jrive		Width	<u>4</u> v <u>1</u> <u>24-2/4</u>	
an Outside length	76/13		Angle of V	Same as Fa	n Belt
an Width		Gener-	Outside length		
an Number of blades end spacing 4 Staggered Diameter 18 17 Ratio-fan to crankshaft revolutions .904:1 .949:1 Begring type Water Pump Bearing			Width		
an Diameter 18 17 Ratio-fan to crankshaft revolutions .904:1 .949:1 Begring type Water Pump Repring		Number of and space	f blades ng	4 Stagge	red
Ratio—fan to crankshaft revolutions .904:1 .949:1 Begring type Water Pump Bearing	E	Diameter		18	17
Begring type Water Pump Repring	ran	Ratio—far crankshaft	n to revolutions	.904:1	.949:1
		Bearing tv	/pe	Water Pum	Bearing

(a) Auxiliary Tank Relief Valve Pressure 3 1/2-4 1/2 Lbs. PSI

		AMA Cons	olidated Specification Q	uestionnaire Page 8 REV. 7-52	
MAKE OF	CARC	IEVROLET	MODEL Y	EAR 1955	
MODEL	CORVE	TE	Six Cylinder	Eight Cylinder	
ELÉ	CTRICAL-	-SUPPLY SYST	IEM		
	<u> </u>		Delco 15AA6-W	Delco 25M50-W	
			6 Volt-15 Plate	12 Volt-9 Plate	
			TM. 100 AMP Hrs. @ 20 Hr. Rat	te None. 50 AMP Hrs.@20 Hr. Rate	
Battery	Location		Under Hood, Right Side		
	Terminal grounded		Negative		
	Make		Delco-Remy		
•	Model		1102793	1102025	
Generator	Туре		2 Brush, Shunt Wound		
	Ratio-Gen. to Cr/s rev.		2.05:1	2.00:1	
	Make		Delco-Remy		
	Model		1118827	111.8826	
	Туре		Current and Voltage Control		
	Cutout	Closing voltage @ generator rpm	6.4 @ 1200	12.8.@·1250	
Regulator	reiay	Reverse current to open			
•	Regu-	Voltage	7.1	14.5	
	lated	Current	45	30	
	Min. Gen.	rpm required	(For Max. Output) 2250	(For Max. Output) 1930 "	
	Voltage	Temperature	Operating (Run Gen. 15 Min.	@ 8-10 Amps. Before Testing)	
	test con-	Load	8-10 Amps.	10 Amps. Max.	
	ditions	Other			
ELI	CTRICAL-	-STARTING S	YSTEM		
	Make		Delc	o-Remy	
	At a dal		1108035	1107627	

	Make		Belco-Reiny	
	Model		1108035	1107627
	Rotation (end view)	drive	Clockwise	
	Engine cro	anking speed	N	•A•
Starting	Test cond	itions	Engine at Operating Temperature	
motor		Amps	600	1,15
	Lock	Volts	3.0	5.8
	Test	Torque (lb. ft.)	14	12.7
	No	Amps	70	65
	load	Volts	5.0	10.1
	test	RPM (min.)	5000	
	Switch (solenoid, manual)		Solenoid	
	Starting		Place Selector Leve	r in "PARK" or "NEUTRAL"
Motor control	procedure	-	Pull Choke Knob out Part W or all way Depending on Cli	ay Depress Accelerator Pedal t mate Floor to Set Auto. Choke
			Turn Ignition Key t	co Extreme Right Position

.

MAKE OF	CAR	CHEVROLET	MODE	L YEAR1955
MODEL	CORVETT	Е	Six Cylinder	Eight Cylinder
ELE	CTRICAL-	-STARTING SY	STEM (cont.)	
Engagement type		it type	Positive	Shift Solenoid
	Pinion mesh	es (front, rear)		Front
Motor	Number	Pinion		9
anve	of teeth	Flywheel	139	168
	Flywheel to	oth face width	500	1.85
ELE	CTRICAL-	-IGNITION SY	STEM	
	Make			Co-Bemy
•	Model		111539/	1115086
Coll		Engine stopped	5.4),
	Amps	Engine idling	3.0	1.75
	Make		Delco-Remy	
	Model		1112314	1110855
	e	Centr. advance start (rpm)	300	
	advance data (at	Centr. advance max. deg. @ rpm	13° @ 1750	16° @ 1800
Distributor	distri- butor shaft)	Vacuum advance start (in. Hg.)	5.0	6.0
		Vac. adv. (max. deg. @ in. Hg.)	15 [°] @9 In. Hg.	13-3/4° @ 15 In. Hg.
	Breaker gap (in.)		.013018	.016021
	Cam angle	(deg.)	26-33	
	Breaker arm tension (oz.)		19-	-23
	C/S deg. (@ rpm	T.C. @ Idle	<u>) o BTC @ Idle</u>
	Mark locati	ion	Flywheel	Damper
Timing	Cylinder nu (see page	imbering system 2)	Front to Rear	Left Bank 1-3-5-7 Right Bank 2-4-6-8
	Firing orde	r (see page 2)	1-5-3-6-2-1	1-8-1-3-6-5-7-2
Spark	Make and	model	AC 43-5	AC 43-5R
	Thread (mn	n)	14	MM
hina	Tightening	torque (lb. ft.)	20	-25
	Gap		<u>+033</u> –	.038
	Conductor	type	Linen Core Impregnated	with an Flectrical Conducting Matl
Cable	Insulation t	уре	Rubber with	Neoprene Jacket
	Spark plug protector		Neo:	prene Jacket

ELECTRICAL—SUPPRESSION

Description

Non Metallic High Tension Cables

MODEL YEAR 1955 CHEVROLET MAKE OF CAR____ CORVETTE Six Cylinder Eight Cylinder MODEL **ELECTRICAL-INSTRUMENTS AND SWITCHES** AC See Note (a) Make Speedometer Trip odometer (yes, no) No Charge indicator-type Ammeter Temperature indicator-type Bourdon Tube Oil pressure indicator-type Bourdon Tube Fuel indicator-type Electric **Identify** positions Vertical - Off, Unlocked in order and cir-Counter Clockwise - Off, Locked cuits controlled 1st Position Clockwise from Vert. - Ignition and Acc. "On" lanition 2nd Position Clockwise from Vert. - Ignition, Accessories and Starter "On" with Spring switch (Key Removable in all Positions) Return to 1st Position **Provision for illumination** Yes. Bulb at Switch On Instrument Panel - Right of Steering Column Location Theft protection type None Identify positions Depressed - Off and lights 1st. Notch - Instrument Panel Lights, Parking Lights controlled Main light-2nd. Notch - Instrument Panel Lights, Driving Lights ing switch Rotate - Clockwise to Dim and Turn off Instrument Panel Lights Counter Clockwise to Turn on and brighten Panel Lights Locations and Left Hand Toe Board - High and Low Beam Driving Lights iamps controlled Parking Brake Handle On - Light On, Released Light Out Park-Other light ing Brake Alarm Light Switch on Parking Brake Lever Housing switches at Rear of Instrument Panel Front Compartment Courtesy Lamp Switch in Door Hinge Pillars Door Open - Light On, Door Closed - Light Out Directional Signal Switch in Hub of Steering Mast Locations and de-Jacket vices controlled Other switches Make Trico Туре Vacuum Windshield Vacuum booster wiper Standard provision Washer provision Dealer Installed Accessory Туре Vibrator Number used Hom 2 High 17-19-Low 19-21 High 9. Low 10 Amp draw (each)

(a) AC Tachometer with Totalizer

Page 11

MAKE OF CAR CHI		EVROLET MODEL YEAR 1955		
MODEL CORV	ETTE	Six Cylinder	Eight Cylinder	
ELECTRIC		MP BULBS		
Give quentity used and tra Indicate accessories which	ide nomber, e.g. are not standar	, Headlamp 2-4030. d squipment by an asterisk fallowing the numbers.		
Headlamp		2-21,00 CC	2-11100	
Headlamp beam ind	icator	1-51	1-53	
Parking light		3CP Filament of 115h Bulb	hCP Filament of 103h Bulb	
Tail light		30P Filament of 115h Bulb	hCP Filament of 103h Bulb	
Stop light		210P Filament of 1151 Bulb	32(P Filament of 1031 Bulb	
	Front	21CP Filament of Parking Lamp	32CP Filament of Parking Lamp	
Direction indicator	Rear	21 CP Filament of Tail Lamp	32CP Filament of Tail Lamo	
	Tell-Ta lo	2-51	2-53	
License plate light		2-63	2-67	
Instrument light		4-55	L-57	
ignition lock light		1_51	1-53	
Map light		N.A.	N.A.	
Dome light		N.A.	N.A.	
Clock light		1-55	1-57	
Radio dial light		1-44	1-57	
Glove compartment light		N.A.	N.A.	
Courtesy light		2-82 ×	2-89 *	
Trunk compartment light		N.A.	N.A.	
Other				
Cigarette Li	ghter	1-51	1-53	
Parking Brak	e Alarm	1-82 *	1-90_*	
Tachometer		1-55	1-57	

ELECTRICAL-FUSE & CIRCUIT BREAKER DATA

Use trade number of fuse, e.g., SFE-10. Indicate circuit breaker by ampore capacity suffixed by letters "C.B", e.g., 30 C.B. Where fuse or circuit breaker protects multiple circuits indicate first use by a letter and repeat the same letter for all units protected by the same fuse or circuit breaker, e.g., Parking Right: SFE-10 (a), Direction indicator: same as (a).

Headlamp	30 CB (a)	13CB (a)
Headlamp beam indicator	Same as(a)	Same as (a)
Parking light	Same as(a)	Same as (a)
Tail light	Same as(a)	Same as (a)
Stop light	Same as(a)	Same as (a)
Direction indicator	SFE 1/1	SFE 9
License plate light	Same as(a)	Same as (a)
Instrument light	Same as(a)	Same as (a)
Ignition light	Same as(a)	Same as (a)
Map light	None	None
Dome light	None	None
Clock	Same as(a)	Same as (a)
Clock light	Same as(a)	Same as (a)
Radio	SFE 14	SFE 9
Glove compartment light	None	None
Courtesy light	Same as(a) *	Same as (a) *
Trunk compartment light	None	None
Other		
Parking Brake Alarm	SFE 14 *	SFE 9 *
Heater (Recirculat-	SFE 14	· SFE 9
ing)		

* Accessory Only

Page 12

MAKE OF CAR_____CHEVROLET

MODEL YEAR 1955

MODEL CORVETTE

DRIVE UNITS-CLUTCH (PEDAL OPERATED)

Make			
Type (dry or wet plate)			
in combinatio	on with fluid cou	pling (yes, no)	
Semi-centrifu	igai (yes, no)		
Type pressui	re plate springs		
Total plate (pressure (Ib.)		
No. of dutch	driven discs		
	Material		
	inside diam	eter	
	Outside dia	meter	
	Total eff. a	rea (sq. in.)	
	Thickness		
	Number rec	uired	
Clutch	Engagemen ing method	it cushion-	
facing		Туре	
	Release bearing	Method of lubrication	
	Torsional damping	Method (springs, other)	
		Frict. mat.	

DRIVE UNITS-TRANSMISSIONS

Conventional (std. or opt.)	N.A.
Conventional with overdrive (std. or opt.)	N.A
Automotic (etc. or opt.)	Standard

DRIVE UNITS-CONVENTIONAL TRANSMISSION

Number of fo	ward speeds	
	in first	
	in second	
Transmission	In third	
ratios	In fourth	
	In reverse	
Constant mesh	gears in 2nd (yes, no)	
Spur gear use (indicate spec	ed in eds)	
Helical gears used in (indicate speeds)		
Synchronous meshing in 2nd and 3rd agars (ves, no)		

MODEL YEAR 1955 CHEVROLET MAKE OF CAR.___ CORVETTE MODEL DRIVE UNITS-CONVENTIONAL TRANSMISSION (cont.) Capacity (pt.) Type recommended SAE vis-Lubricant Summer cosity Winter number Extreme cold DRIVE UNITS-CONVENTIONAL TRANSMISSION WITH OVERDRIVE For transmission data see conventional transmission section Type (planetary or other) If planetary, No. of pinions Manual lockout (yes, no) Downshift accelerator control (yes, no) Minimum cut-in speed Gear ratio Overdrive Capacity (O.D. only) Separate filter (yes, no) Lubri-Type recommended cant Summer SAE viscosity Winter number Ext. cold **DRIVE UNITS-AUTOMATIC TRANSMISSION** Trade name Powerglide Type (fluid coupling with Torque Converter gears, torque convertor With Planetary with gears, other) Gears Manual selector positions, left P-Park to right (show symbols and N-Neutral define, e.g., N- Neutral) **D-Drive** L-Low **R-Reverse** List gear ratios in each drive position (range) Drive 1.82-1 Low 1.82

	Rev. 1.82
Shifting within drive position range by accelerator control and speed limiting governor (yes, no)	Yes
By governor—forced shift (yes, no)	Yes
Downshift of gears in high range possible up to (mph)	50

MAKE OF CAR CHEVROLET

MODEL YEAR 1955

MODEL CORVETTE

DRIVE UNITS-AUTOMATIC TRANSMISSION (cont.)

	Number of elements		3
	Max. ratio at engine (at stoll rpm	2.1:1
		Provided (yes, no)	No
Torque	Mechan-	Speed range	** =
convertor	ical lockup	Releases at (speed range, mph)	
	Type of co cooler and	oling (forced air, ail type, other)	None
	Anti-creep	device (yes, no)	No
	Capacity-	-refill (pt.)	ll GtsRefill 5 ats.
	Type reco	mmended	Туре А
Lubricant		Summer	Same Grade For
	Grade	Winter	All Temperature
	Extreme cold		Ranges

DRIVE UNITS---PROPELLER SHAFT

Number used			1
Type (exposed, torque tube)			Trosed Hotchkiss
Outer	Convention	al trans.	
diameter x length* x	Overdrive	trans.	
wall thickness	Automatic	trans.	2.50 x .065 (Effective Length Varies Due to U-Joint Slip on Spline)
Inter-	Type (plain anti-friction	n. h)	None
mediate bearing	Lubri. (fittir prepack)	ng,	None
	Make		Own
	Number us	ed	2
Universal	Type (ball cross, othe	and trunnion, r)	Yoke and Spider (Trunnion)
Pouris.		Type (plain, anti-friction)	Anti-Friction
	Bearing	Lubric. (fitting, prepack)	Z-Fittings
Drive taken through (torque tube or arms, spring)			Rear Springs
Torque taken through (torque tube or arms, springs)			Rear Springs

*Centerline to centerline of joints or centerline of rear attachment point.

Page 14

MAKE OF CARCHEVROLET			MODEL YEAR 1955
MODEL	CORVETTE		
DRÍ	VE UNITS	REAR AXLI	
Type (semi-fic	ating, other)	1	Semi-Floating
Gear type (h	ypoid, other)		Hypoid
	Convention	al trans.	**=
Gear ratio and No. of tests	Overdrive	trans.	
	Automatic	trans.	3155:1
Pinion adjusta	nent (shim, othe	er)	
Pinion bearing	g adj. (shim, o	ther)	None
	Capacity (pt.)	<u>l</u>
	Type recon	nmended	A-9 Hypoid Lubricant
Lubricant	SAE vis-	Summer	SAE 90
	cosity	Winter	SAE 90
	number	Extreme cold	SAE 80
DRI	VE UNITS	5WHEELS	
Type (disc, of	her)		Short Spoke Disc
Rim (size and	flange type)		15 x 5K
	Type (bolt	or stud)	Bolt
Attachment	Circle dian	neter	4.75
	Number an	nd size	<u>5. 7/16 x 20</u>
DRI	VE UNITS	5—TIRES	
Size and	Standard		6.70-15-h Ply Tubeless
ply rating	Optional		6.70-15-4 Ply White & Blackwall
Rev/mile at 3	0 mph		754
Inflation	Front		24 Lbs
press. (cold)	Rear		24 Lbs.
BR/	AKES—SE	RVICE	
Туре			Servo-4 Wheel Hydraulic
Booster type			None
Effective area (sq. in.)			158
Percent brake effectiveness-rear		rear	44 %
	Digmeter	Front	11
Drum		Rear	11
	Type and	material	Composite, Rim-Cast Alloy Iron, Meb-Pressed Steel

Page °16

MAKE OF	CAR	CHEVROI	ET	MODEL YEAR1955
MODELC	ORVETTE			
BRA	KES—SE	RVICE (co	ont.)	
	Bonded or	riveted		Bonded
		Material		Full Molded Asbestos Composition
	Pri-	Size (length x	Front wheel	9.3125 x 2.0 x .202222
	mory	width x thickness)	Rear wheel	9.3125 x 1.75 x .202222
Brake lining		Segments	per shoe	1
		Material Size	Front	
	Second- ary	(length width x thickness)	Rear	$11.6875 \times 1.75 \times 202 = 222$
		Segments	Der shoe	<u> </u>
	Front	Jegmenis	per silve	1.125
wheel cyl- inder bore	Rear			1.0
Master cylinde	r bore			1.0
Available per	al travel			<u>lj=1/2</u>
Line pressure	at 100 lb. p	edal load		700 (Approx.)
Shoe clearance	e adjustment		<u> </u>	To Light Drag and Back Off 7 Notches
BRA	KES-P	ARKING		
Type of contro	>l			"T" Handle Pull Rod
Location of co	ntroi			L.H. of Steering Column, Below Instrument Panel
Operates on				Rear Service Brakes
lf sepa-	Type (inte	ernal or extern	nal)	
rate from	Drum dia	meter		
service brakes	Lining size	e (length x nickness)	(** *
FRA	ME			
Type and description				Full Length, Welded, Box Section Side and Rear Cross- members. "I" Beam Type Member, Bracing From "X" Member To Frame Front Sidemember. Rear Shock Absorber Cross- member of "U" Type. "I" Beam Type "X" Member.
FRC	ONT SUS	PENSION	1	
Type and de:	scription			Unitized, Independent, Short & Long Arm
		<u></u>		

.

Page 17 Rev. 8-53

MAKE O	OF CAR	Ch	evrolet	MODEL YEAR 1955
MODEL_		Corvett	e	
FI	RONT S	USPENS	ION (con	t.)
	T			
<u> </u>	Material			
	Size (lengt			
Spring	No. leaves	or coil I.D.)		Total Number of Coils 9.24
	Spring rate	(lb. per in	.)	
	Rate at wh	eel (lb. per	in.)	110
	Normal loa	d (16. @ ro	sted length)	
				11/15 @ 9.62
e	Manufactur	er		Delco
absorbers	Type (direc	t or lever)		Direct. Double Acting, Hydraulic
	Piston diam	eter		1
	Type (link, l	linkless,		
Stabilizer	trameless)			Link
	Material			Heat Treated Hr Carbon Steel
S 1	TEERING			
Type used	(Standard	Mechanic	oi	Standard
or optional	F)	Power		N.A.
Wheel dia	meter			17.25
	Outside	Wall to v	vali (r. & i.)	38.58-Right-38.99-Left
Turning	front	Curb to curb (r. & l.)		36.55-Right-36.93-Left
diameter	Inside	Wall to wall (r. & l.)		N.A.
	rear	Curb to curb (r. & l.)		N.A.
Inside whe	eel angle wit	h outside w	heel at 20°	170
		Туре		Semi-Reversible, Hour Glass Worm And
				Ball Bearing Roller Sector
Mechanical	Gear	Make		Saginam
		Ratios	Gear	16.0:1
			Overall	16.0:1
	No, wh	eel turns		3.9
	lype			
	Make			
	11006			
Power	Geor	iype		
		Ratios	Gear	
			Overali	
	Pump d	driven by		
	Overal	li torque ra	tio	
	Numbe	r wheel fun	ns	
	type			Genter Point
	Locatio	n (front or	rear	
Linkoge	of whe	els)		Rear of Wheels
	Drag li	ink (trans. o	r long)	Long: +udinal
	Tie rod	ls (one or th	wo)	2

MAKE OF CAR CHEVROLET				MODEL YEAR1955		
MODEL	CORV	ETTE				
STE	ERING (cont.)			
	Inclination	n at car	nber (deg.)	3-1/2-4-1/2		
	Diameter			.86608665		
Kinapin		Upper		Bushing		
•	Bearings	Lower		Bushing		
	(type)	Thr	ust	Single Row Ball		
	Caster (a	leg.)		0-1		
alignment (range and	Camber	(deg.)		0-1		
preferred)	Toe-in (o inches)	utside t	read-	0-1/8"		
Steering knuc	kle type			Reverse Elliott		
	Diameter	lnr be	er aring	1.2810-1.2815		
Wheel spindle		Ou	iter aring	•7498-•7503		
	Thread s	ize		3/4-20		
	Bearing	type		Ball		
	R SUSP	ENS	ON			
				to studies? Contines		
Туре			1.0	Longitudinal Springs		
Drive and for	q. taken thr	ougn (s	ee page 14)	Rear Springs		
	Type			Chrome Allow Steel		
	Size /les		vidth v	Chirolie Arroy Steer		
	No. leav	es or c	oil I.D.)	$51 \times 2 \times b$		
	Spring r	ate (Ib.	per in.)	115		
	Rate at	wheel (lb. per in.)			
Spring	Normal load (ib. at rated			725		
	Mountin	g insula	tion type	Rubber Bushed		
		No. of	leaves	1		
		Covers	(yes, no)	No		
	If	Lubrica	ited (yes, no)	Nc		
	lear	I	Type and size	3-Liners-19.76x1.88x.100-31.76x1.88x.100-46.21x1.88x.100		
		inserts	Material	Wax Impregnated Fiber Board		
	Shackle (comp. or tens.)			In Tension From Rear Hanger		
<u></u>	Manufa	cturer		Delco		
Shock	Type (direct or lever)			Direct, Double Acting, Hydraulic		
70301 net2	Piston a	liamete	r <u> </u>			
Stabilizer	Type (link, linkless, frameless)			None		
	Materia	ai				
Track bar ty	pe			None		

Page 19 Rev. 8-53

CHEVRO LET MAKE OF CAR

MODEL YEAR _

1955

BODY—GENERAL DEFINITIONS

NOTE: Included in the dimension definitions listed on this and the following pages are those which have been proposed for adoption by the SAE. These are indicated by a number following the type of dimension, e.g., L 3. Additional dimensions have been added by the AMA Specifications Body Sub-Committee for inclusion in the Questionnaire. These are shown by an additional letter, e.g., HA. The dimensions are developed from the following basic points:

- 1. Front and rear seat "A" points are taken 5" forward of vertical tangent to seat back 1.5" from center of body.
- 2. Front seat is in the rear position.
- 3. Loaded position-5 passengers, front 300 lb., rear 450 lb., includes spare wheel, tire and tools, and full complement of gas, oil, water, etc. and tires to recommended pressure, etc.
- 4. C. L. (centerline).
- 5. D. L. O. (daylight opening, exposed glass dimension).
- 6. Ramp breakover angle (page 20-A) is the supplement of the included ramp angle (180° minus the included ramp angle) over which a car can pass without hanging up.

CORVEIT	Ē
---------	---

BODY—TRUNK OPENING DIMENSIONS



TAWidth across the top	45.96
TB—Width across the bottom	35.00 One Inch Above Floor Line
TC—Diagonal dimension at CL from top of opening to bottom	*
TD—Vertical height of opening (floor to top, inside edge of opening)	14.40
TE-Max. horizontal depth (forward from vertical projection of inside edge of opening)	31.00
Position of spare tire stowage	Horizontal In Floor Tire Well Under Mat
Method of holding lid open	Counterbalance Springs

* - Not A Standard Dimension

AMA Consolidated Specification Questionnaire Page 20 Rev. 8-53 1935 Chernolet MODEL YEAR MAKE OF CAR_ **Scrvette** MODEL_ BODY-HEIGHT DIMENSIONS-INTERIOR HEADLINING_ (AT IS" LINE) c/L OF DOOR TOP OF CARPET H1. Front headroom-from "A" pt. to headlining at 8° back of vertical on 15" line. (For "A" 35.40 pt. see note 1, page 19) H2. Rear headroom—from "A" pt. to headlining at 8° back of ---vertical on 15" line. M3. Front seat height to floor carpet on 15" line (front edge 8.00 of cushion). H8. Rear seat height to floor carpet on 15" line (front edge ----of cushion). H11. Entrance—front—cushion "A" point to bottom windcord 30.00 vertical. H12. Entrance-rear-top of cushion to bottom windcord ____ vertical at C/L of rear door. H13. Steering wheel clearance to seat cushion taken on arc. 5.00 HA. Front seat vertical rise at "A" pt. (inches.) .22

AMA Consolidated Specification Questionnaire Page 20-A Rev. 8-53 Chevrolet 1955 MAKE OF CAR MODEL YEAR Corvette MODEL BODY-HEIGHT DIMENSIONS-EXTERIOR H-101 HB UNLOADED H-102 H-128 H-104 H-10 H-H-IO 8 - INCLUDED RAMP ANGLE - 51 HC-RAMP BREAKOVER ANGLE (SUPPLEMENT OF INCLUDED RAMP ANGLE) H101. Ūp Overall height. Loaded-T 51.25 đ٣ HB. Overall height-unloaded. Ūp -T∳p 52.16 H102. Front bumper bottom to ground at normal section. 9.33 H104. Rear bumper bottom to ground at normal section. 15.00 H106. Angle of approach—from the tire rolling radius to lowest 28°32' point on front bumper or guard. H107. Angle of departure—from the tire rolling radius to low-17⁰40' est point on rear bumper or guard. <u>11</u>°547 HC. Ramp breakover angle.* H117. Windshield DLO-slant height. 16.92 H121. Backlight DLO*-Max., slant height. 10.00 H122. Windshield slope angle to <u>53</u>° vertical line on car axis. H124. Backlight slope angle to <u>4</u>0° vertical line on car axis. H128. Ground to bottom of front bumper guard. H129. Ground to bottom of rear bumper guard. HD. Min. road clearance (location and dimension). 6" Minimum Below Door Opening HE. Min. road clearance at rear axie. 8.00

*See Notes, page 19.

4

	AMA Consolidated Specification Questionnaire					
MAKI	OF CAR CHEVROLET	MODEL YEAR 1955				
MOD	EL CORVETTE					
	BODY-LENGTH DIMENS	ONS				
	L3. Rear compartment back of front					
	L4. Leg room—front—diagonal— ball of foot to top of seat to front seat back—15" line.	39.00				
luén -	L5. Leg room—rear—diagonal— from ball of foot to top of rear seat cushion and to seat back.					
rior	L7. Steering wheel clearance to seat back taken on arc.	13.70				
	L9. Front seat depth (front edge to vert. tan. to seat back on 15" line).	18.24				
	L16. Depth of rear seat (front edge to seat back).					
	L17. Total adjustment of front seat at floor.	4.4				
	L101. Wheel base.	102				
	L103. Overall length (bumper to bumper inc. guards).	167				
Exte- rior	L104. Overhang—front including bumper guards.	26.10				
	L105. Overhang—rear including bumper guards.	38.90				

•

AMA Consolidated Specification Questionnaire Page 22 CHEVROLET 1955 MAKE OF CAR_ MODEL YEAR ... OORVETTE MODEL **BODY—WIDTH DIMENSIONS** W3. Front shoulder room, at garnish moulding height or nearest interference 5" forward of seat back. 51.25 W4. Rear shoulder room, at garnish moulding height or nearest interference ___ 5" forward of seat back. Inte-- 31 W5. Front hip room, at top of seat 5" rior 57.20 forward of vert. tan. to seat back. W6. Rear hip room, at top of seat 5" ---forward of vert. tan. to seat back. W7. Steering wheel center 13.85 to center of body. W101. Front tread at 57.00 ground. W102. Rear tread at ground. 59.00 W103. Max. overall width of car Exte- including bumpers or mouldings. 72.24 WA. Max. overall width rior 10: 5" of car with doors open. W111. Windshield DLO, max. width. 52.58 W114. Back window DLO, max. width. 30.88

Page 23 Rev. 8-53

,

MAKE OF CAR_

CHEVROLET

MODEL YEAR 1955

CORVETTE MODEL

BODY-MISCELLANEOUS INFORMATION

Doors hinged	Front	Front	
(front, rear)	Rear		
Type of finish (lacquer, enamel)		Lacquer	
Hood opening (front, side; semi-full, full, half)		Front-Reverse Alligator	<u> </u>
Hood counterbalanced (yes, no)		No	
Hood release control (internal, external)		Internal	
Vent window control method (cronk, friction, pivot).		Pivot	
Windshield (one piece, two piece; curved, flat)		One-Piece Curved	i-
Rear window type (one piece, two piece, three piece; curved, flat)		Plastic-One Piece, Flat	
Windshield glass area		892 Sq. In.	
Backlight glass area		300 Sq. In.	
Total glass area		1687 Sc. In.	

BODY-TYPES AND STYLE NAMES

Body type, number of passengers, and style names (use letter code shown below followed by passenger capacity and style name e.g., N-6 Ranchwagon)	÷
	L-Convertible-2 Door-2 Passenger

Body type code

- A—Coupe—2 door flatback
- B—Coupe—2 door notchback
- C—Sedan—2 door flatback
- D-Sedan-2 door notchback
- E-Sedan-4 door flatback (4 windows)
- F-Sedan-4 door flatback (6 windows)
- G-Sedan-4 door notchback (4 windows)
- H—Sedan—4 door notchback (6 windows)
- J—Hardtop—2 door
- K—Hardtop—4 door

- - L---Convertible-2 door
 - M-Convertible---4 door
 - N-Station wagon-2 door
 - P-Station wagon-4 door
 - Q—Combined passenger and utility—2 door
 - R---Combined passenger and utility---4 door
 - S—Sedan delivery
 - T—Limousine

INDEX

9 10

Battery			PAG
Relte drive	• • •	••	8
Bodis		••	
Conserved Basky Information		•••	
	•	1	, z.
Height dimensions	• • •	• •	- 20
Length dimensions		• •	2
Overall dimensions		••	1
Trunk opening dimensions			19
Width dimensions			22
Types.			2:
Brakes		••	_
Parking			17
Service		1	5. 16
	-		
Camber			18
Camshaft			4
Capacities			
Cooling system			
Fuel task		••	
lubricante	• • •	••	
Crashare			
	•••	••	
	• • •		
Iransmissions	•	1,	s, 14
Kegr Oxle		••	
	• • •	••	
		••	- 18
Choke, automatic		••	
Circuit breakers		• •	1
Clutch (pedal operated)		••	12
Coil, ignition		• •	9
Connecting rods		••	:
Cooling system		••	:
Crankshaft	••		3. 4
Cylinders, cylinder head		••	
Distributor		••	ę
	_		
Electrical System	, У ,	, 10	J, I
ingine Reasonable to the terms			
		•	1.1
	• •	•	1,1
Firing order, cylinder numbering		•	2, 9
	• •	•	1, 1
General information		•	5,
General information			1,
General information. Lubrication Type.	• •		-
General information. Lubrication. Type. Exhaust system.	•••	•	
General information. Lubrication. Type. Exhaust system.	•••	•	•
General information. Lubrication. Type. Exhaust system.	•••	•	:
General information. Lubrication. Type. Exhaust system. Fan. Frame.	•••	•	1
General information. Lubrication. Type. Fxhaust system. Fan. Frame. Fuel.	•••	•	1
General information. Lubrication. Type. Fxhaust system. Frame. Fuel. Fuel pump.	•••	•	1
General information Lubrication Type Exhaust system Fan Frame Fuel pump. Fuel system	• • •	•	10
General information Lubrication Type Exhaust system Fan Frame Fuel Fuel Fuel pump. Fuel system Fuel system		• • • • • • • • • • •	
General information. Lubrication Type. Exhaust system Fan. Frame Fuel Fuel Fuel Fuel Fuel Fuel System. Generator.		• ••• ••• •••	
General information. Lubrication. Type. Fxhaust system. Fan. Frame. Fuel. Fuel pump. Fuel system. Fuel system. Fuel system. Fuel system. Fuel.		• • • • • • • • •]
General information. Lubrication. Type. Exhaust system. Fan. Frame. Fuel. Fuel pump. Fuel system. Fuel system. Fues. Generator. Horns.		· · · · · · · · · · · · · · · · · · ·	
General information. Lubrication. Type. Exhaust system. Fan. Frame. Fruel pump. Fuel system. Fuel system. Fuel system. Fuses. Generator. Horns. Horns.			
General information. Lubrication. Type. Exhaust system. Fan. Frame. Fuel. Fuel. Fuel pump. Fuel system. Fuel system. Generator. Horns. Horsepower Maximum brake. Tamebla			1 1 1 1 1 1 1 1 1,
General information. Lubrication. Type. Exhaust system. Frame. Frame. Fuel pump. Fuel system. Fuel system. Generator. Horns. Horsepower Maximum brake. Taxable.			1 1 1 1 1 1
General information. Lubrication. Type. Exhaust system. Frame. Frame. Fuel. Fuel pump. Fuel system. Fuel system. Generator. Horns. Horsepower Maximum brake. Taxable.			14 14 1 1 1 1 1, :
General information. Lubrication Type. Fxhaust system Fan. Frame Frame Fuel Fuel Fuel Fuel System Fuel Generator. Horns. Horsepower Maximum brake. Taxable. Ignition system.		· · · · · · · · · · · · · · · · · · ·	1 1 1 1, 1

SUBJECT	PAGE
Kingpin	. 18
Lamp bulbs Liningsclutch, brake	. 11 12, 16 14, 15
Muffler	. 6
Overdrive	. 13
Piston pins Pistons Propeller shaft	· 3 · 2 · 14
Radiator, radiator hoses. Rear axle Rims. Rings.	. 7 1,15 . 15 . 3
Shock absorbers Front Rear Spark plugs Springs	. 17 . 18 . 9
Front	17 18
Front. Rear. Starting motor. Steering. 1, Suppression.	17 18 18 17, 18
Suspension Front Rear Switches	16, 17 . 18 . 10
Tailpipe. Timing, engine. Tires. Toe-in. Torque converter. Torque, maximum.	. 6 4, 5, 9 1, 15 . 18 . 14 1, 2
Transmission Automatic. Conventional. Conventional with overdrive. Ratios. Types. 1, Tread. Turning diameter.	13, 14 12, 13 . 13 . 12 12, 13 1, 22 1, 17
Universal joints	. 14
Valves, intake and exhaust Voltage regulator	4, 5 . 8
Water pump. Weight, shipping. Wheel alignment. Wheelbase. Wheels. Wheels. Windshield wiper.	7 1 1, 18 1, 21 1, 15 18 18