

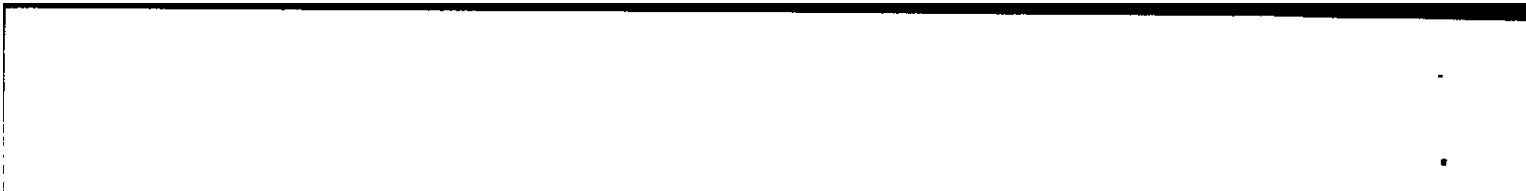


1965



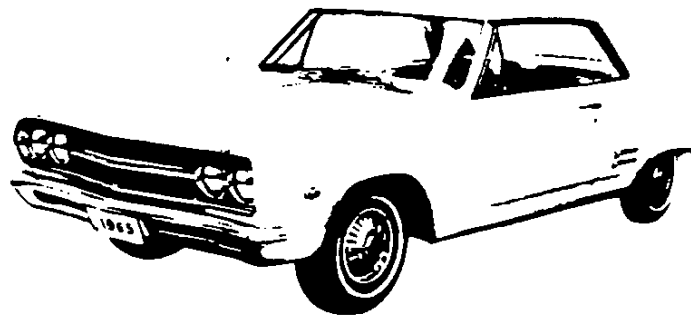
CHEVROLET

CHEVELLE



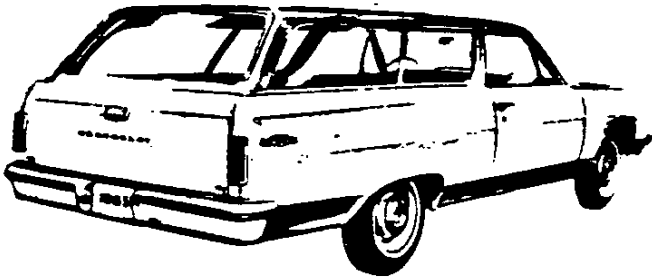
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GENERAL



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MODEL IDENTIFICATION



131-13200 CHEVELLE 300

MODEL 131-13211 2-DOOR SEDAN, 6-PASSENGER
MODEL 131-13215 2-DOOR STATION WAGON, 2-SEAT
MODEL 131-13269 4-DOOR SEDAN, 6-PASSENGER

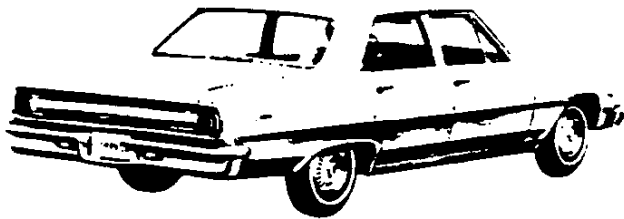
133-13400 CHEVELLE 300 DELUXE

MODEL 133-13411 2-DOOR SEDAN, 6-PASSENGER
MODEL 133-13435 4-DOOR STATION WAGON, 2-SEAT
MODEL 133-13469 4-DOOR SEDAN, 6-PASSENGER
MODEL 133-13480 2-DOOR SEDAN PICKUP, 3-PASSENGER



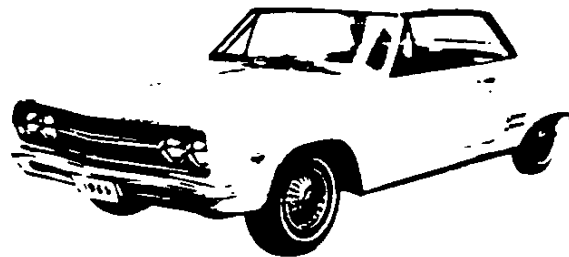
135-13600 MALIBU

MODEL 135-13635 4-DOOR STATION WAGON, 2-SEAT
MODEL 135-13637 2-DOOR SPORT COUPE, 5-PASSENGER
MODEL 135-13667 2-DOOR CONVERTIBLE, 5-PASSENGER
MODEL 135-13669 4-DOOR SEDAN, 6-PASSENGER
MODEL 135-13680 2-DOOR SEDAN PICKUP, 3-PASSENGER



137-13800 MALIBU SUPER SPORT

MODEL 137-13837 2-DOOR SPORT COUPE, 4-PASSENGER
MODEL 137-13867 2-DOOR CONVERTIBLE, 4-PASSENGER



SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE SERIAL NUMBER

6-Cylinder Example:

<u>Model</u>	<u>Model Year</u>	<u>Assembly Plant</u> (Atlanta)	<u>Unit Number</u> (25th unit)
13369	5	A	100025

Thus: The 25th model built at Atlanta would be serial number 133695A100025

8-Cylinder Example:

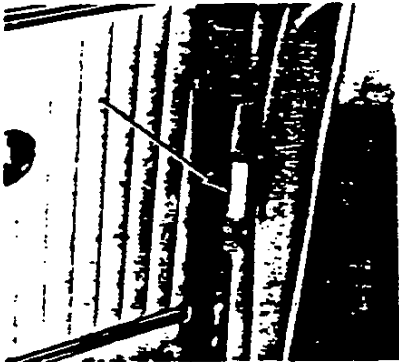
<u>Model</u>	<u>Model Year</u>	<u>Assembly Plant</u> (Atlanta)	<u>Unit Number</u> (26th unit)
13469	5	A	100026

Thus: The 26th model built at Atlanta would be serial number 134695A100026

ASSEMBLY PLANTS

- | | |
|----------------|-----------------|
| A - Atlanta | K - Kansas City |
| B - Baltimore | |
| G - Framingham | Z - Fremont |

Starting unit number ----- 100001 and up at each assembly plant
Location ----- Stamped on plate attached to left front body hinge pillar



ENGINE IDENTIFICATION

Example: F 1210 AA

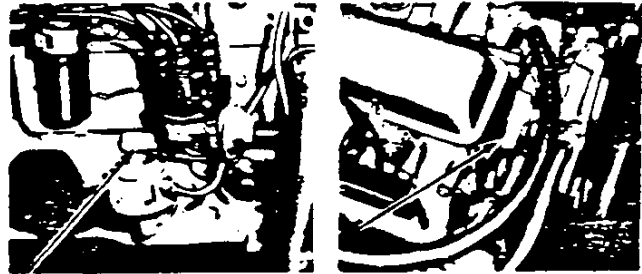
<u>Source Designation</u>	<u>Production*</u> Month and Date	<u>Type Designation</u>
F (Flint)	1210	AA

- | | |
|--|---|
| 194 Cubic Inch 6-cylinder
AA - Regular engine, 3-speed
AL - Regular engine, Powerglide | 327 cubic inch 8-cylinder:
EA - Regular engine, 3-speed
EE - Regular engine, Powerglide |
| 283 Cubic Inch 8-cylinder
DA - Regular engine, 3-speed
DE - Regular engine, Powerglide | |

* - Month: December, 12; 10th day of December, 10

6-Cylinder

8-Cylinder



Location:

- 6-cylinder ----- Stamped on pad on right side of cylinder block to rear of distributor
8-cylinder ----- Stamped on pad at front right side of cylinder block

REAR AXLE IDENTIFICATION

Example: CA 0212 B

<u>Type Designation</u>	<u>Production*</u> Month and Day	<u>Source of Designation</u>
CA	0212	B

- CA ----- 3.08:1 (Exc. 131-133-13500 Wagon-pickup)
CB ----- 3.36:1 (131-133-13500 Wagon-pickup)

* - Month: February, 02; 12th day of February, 12
C - G-Gear & Axle, B-Buffer, W-Warren

Location ----- Stamped on right or left axle tube adjacent to differential carrier

REGULAR EQUIPMENT—EXTERIOR

Bright Metal Trim & Moldings	Stainless Steel	Back window reveal	All exc. wagons & conv.
		Pickup box edge and roof	133-134-135-13680
		Rear belt reveal	135-136-137-13867
		Rear quarter window reveal	135-13635
		Roof drip gutter	All exc. 131-13200; 135-136-137-13867
		Roof reveal	135-136-137-13837
		Tailgate window side and upper reveal	Station wagons
		Windshield header and pillars	135-136-137-13867
	Windshield reveal	All	
	Backup lamp provision covers	132-13400	
	Body side upper	135-13600	
	Body side lower	133-13400	
	Body sill	131-132-137-13800	
	Headlamp and taillamp bezels	All	
	Radiator grille and opening moldings	All	
	Rear cove area reveal	All exc. 131-13200; station wagons	
	Wheel openings	135-136-137-13800	
	Deck lid emblem "SS"	137-13800	
	Front door vent channel and post	All	
	Front door vent window frame	135-13637, 67; 137-13800	
	Front fender engine emblem - V8 only	All	
	Hood windspllit	135-136-137-13800	
	Hood lettering "Chevrolet"	All	
	Hub caps	All exc. 137-13800	
	Quarter window glass channel	135-13637, 67; 137-13800	
	Rear cove area trim panels (2)	All exc. 131-132-133-13400; 135-13635	
	Rear quarter accent bars (2)	137-13800	
	Rear cove area lettering - "Chevrolet"	All exc. station wagons	
	Rear quarter series nameplate	All	
	Tailgate trim panel	135-13635	
	Tailgate lettering	Station wagons	
	Tailgate manual window control	All	
	Wheel trim covers	137-13800	
Back-up lamps	135-136-137-13800		
Control - manual rear window	Station wagons		
Filler - left rear quarter gasoline	All exc. station wagons		
Filler - hinged license plate gasoline	All		
Lamp - rear license	Convertibles		
Top - counterbalanced manual folding	All		
Wipers - dual electric single speed windshield	All		

REGULAR EQUIPMENT—INTERIOR

Bright Metal Trim & Moldings	Coat hooks	All exc. convertibles
	Console - floor center (4-speed, Powerglide)	137-13800
	Door and window control handles - black knobs	All
	Door sill plates	All
	Front seat end panels	135-13680; 137-13800
	Rear view mirror back and support	135-136-137-13800
	Roof side rail	135-136-137-13837
	Seat adjuster handle	137-13800
	Sunshade supports	All
Instrument Panel	Cigarette lighter and ash tray	All
	Control knobs - chrome	All
	Electric clock	135-136-137-13800
	Glove box door nameplate and trim plate	135-136-137-13800
	Glove box lock	All
	Ignition lock and starter switch - 4 position	All
	Instrument cluster housing - bright	All
	Speedometer - odometer - fuel gauge	All
	Temperature - oil pressure - amps warning lights	131-132-133-134-135-13600
	Temperature - oil pressure - amps gauges	137-13800
Vent control knobs - black	All	
Interior Lights	Console courtesy (4-speed, Powerglide)	137-13800
	Glove box	135-136-137-13800
	Instrument panel courtesy - dual	135-136-137-13867
	Roof center dome	All exc. 135-136-137-13867
Steering Wheel	Deep hub - dual solid spokes - horn button	131-13200
	Deep hub - dual solid spokes - horn ring	133-13400
	Deep hub - dual solid spokes - horn ring - 2 tone	135-136-137-13800
Armrests - front door	All	
Armrests with ashtrays - rear door or quarter panel	All exc. 131-13200	
Cover - spare tire	Station wagons	
Heater - deluxe	All	
Locking knobs - front and rear door	All	
Mat - luggage or storage compartment (exc. no mat on 131-13200)	All	
Mirror - rear view (painted)	131-132-133-13400	
Seat belts, front	All	
Seats - front bucket	137-13800	
Sunshades - dual	All	
Switch - front door jamb	All exc. 131-13200	
Switch - manual interior light (integral in headlamp switch)	All	

REGULAR PRODUCTION OPTIONS

BODY OPTIONS

Name	Number	Models
Air conditioning, Four Season	C60	All
Air deflector, rear window	C51	Station wagons
Antenna, radio rear manual	U73	All exc. wagons & pickup
Body, heavy duty	B01	13169
Body molding, wheel trim cover	Z08	131,13200
Bucket seat, 4-way control (driver's side only)	A46	137,13800
Carrier, roof luggage	V55	Station wagons
Comfort and Convenience	Lamp, glove box	All
	Lamp, back-up	
	Mirror, inside & outside rear view	
	Wiper and washer, 2-speed w/s	
Mirror, remote control outside	Z13	
Defogger, rear window	C50	All exc. conv. & wagons
Glass, tinted	A01	All
Glass, tinted windshield	A02	
Guard, front bumper	V31	
Guard, rear bumper	V32	All exc. wagons & pickup
Heater, (delete)	C48	All
Horn, low "D" note	U03	All exc. 131,13200
Lock, spare wheel	P19	All
Pad, instrument panel	B70	
Radio and antenna, manual tuning	U60	
Radio and antenna, push button tuning	U63	
Radio and antenna, AM-FM push button tuning	U69	
Radio stereo equipment	U79	13837
Roof cover, exterior soft trim (black)	C08	135,136,137,13837
Seat belts, custom deluxe (with retractors)	A49	All
Seat belts, custom deluxe rear	A47	13000 exc. pick-up
Seat belts, custom rear	A64	
Seat belts, (delete)	A62	All
Seat, split second (Fawn interior only)	A66	Station wagons
Seat, 4-way electrical	A41	All exc. 137,13800 & pickup
Speaker, radio auxiliary	U80	All exc. conv. & pickup
Tachometer, instrument panel	U16	132,134,136,13800
Taxicab equipment	B02	13169
Top, folding electric convertible	C06	
Top, folding convertible (color options)	C05	135,136,137,13867
Windows, electric	A31	All exc. 131,13200
Window, electric tailgate	A33	Station wagons

ENGINE OPTIONS

Clutch, heavy duty	M01	131,133,135,13700
Fan, thermomodulated clutch	K02	132,134,136,13800
Generator, Delcotron 6-55 amp.	K77	All
Generator, 12-42 amp.	K79	
Generator, 23-62 amp.	K81	
Radiator, heavy duty	V01	
Regulator and ignition, transistor	K66	132,134,136,13800
Ventilation, engine positive closed	K24	All
230 Cubic Inch L-6 144 HP	L26	131,133,135,13700
327 Cubic Inch V-8 250 HP	L30	
327 Cubic Inch V-8 300 HP	L74	132,134,136,13800
327 Cubic Inch V-8 350 HP	L79	

CHASSIS OPTIONS

Name	Number	Models	
Axle, rear (3.36:1 ratio)	G76	All exc. wagons	
Axle, rear (3.70:1 ratio)	G75	134,13680	
Axle, rear (3.73:1 ratio)	H05		
Axle, rear limited slip	G80	All	
Battery, heavy duty	T60		
Brakes, vacuum power	J50		
Brakes, metallic	J65		
Chassis, heavy duty	Z04		13169
Cover, wheel trim	P01		All exc. 137-13800
Cover, simulated wire wheel	P02	All	
Exhaust, dual	N10	132,134,136,13800	
Shock absorber, rear air lift	G66	All exc. pickup	
Shock absorber, rear level control	G67	All	
Steering, power	N40		
Steering wheel, tilt type	N33		
Steering wheel, wood grained plastic	N34		
Suspension, special front and rear	F40		
Tires	6.95 x 14-4pr whitewall rayon	P67	All exc. wagons & pickup
	7.35 x 14-4pr blackwall rayon	P57	All
	7.35 x 14-4pr whitewall rayon	P56	
	7.75 x 14-4pr blackwall nylon	P60	
	7.75 x 14-4pr blackwall rayon	P65	
	7.75 x 14-4pr whitewall rayon	P62	
	7.75 x 14-4pr whitewall nylon	P61	
	7.75 x 14-8pr blackwall rayon	T14	

TRANSMISSION OPTIONS

Three speed transmission, heavy duty	M13	132,134,136,13800
Four speed transmission	M20	
Overdrive transmission	M10	All
Powerglide transmission	M35	131,133,135,13700
Transmission oil cooler - Powerglide	M55	

DEALER INSTALLED ACCESSORIES

Item	Models
Air conditioning, recirculating air (Custom)	All
Air deflector, rear window	Station wagons
Antenna, radio from manual	All
Antenna, radio rear manual	All except wagons & pickup
Brake, vacuum power	All
Cap, gas tank filler locking	All
Carrier, roof luggage	Station wagons
Clock, instrument panel	131-132-133-13400
Clock, universal (instr. pnl. top mount.)	All
Compass, auto	All
Container, floor litter (saddle type)	All except floor shift transmission
Cover, roof luggage carrier	Station wagons
Cover, simulated magnesium wheel trim	All
Cover, simulated wire wheel trim	All
Cover, spare wheel and tire	All except wagons
Cover, wheel trim	All except SS
Cruise control	All
Defogger, rear window	All except convertible and wagons
Fan, thermomodulated clutch	132-134-136-13800
Fire extinguisher, 2-3 4 & 5 lb dry chemical	All
Frame, license plate	All
Guard, door edge	All
Guard, front bumper	All
Guard, rear body splash	Station wagons
Guard, rear bumper	All except wagons
Horn, low "D" note	All
Lamp, ash tray	All
Lamp, back up	131-132-133-13400
Lamp, courtesy	All except convertible
Lamp, glove box	131-132-133-13400
Lamp, luggage compartment	All except wagons
Lamp, parking brake alarm	All
Lamp, portable spot	All
Lamp, straight shaft spot	All
Lamp, underhood	All
Lock, rear door safety	All four door models
Lock release, luggage compartment remote	All except wagons & pickup
Lock, spare wheel	All
Luggage carrier, deck lid	All except wagons & pickup
Mat, contour twin front floor	All
Mat, contour twin rear floor	All
Mat, full width front floor	All except sport models
Mat, full width rear floor	All
Mat, rear compartment floor	Station wagons
Mirror, inside rear view prismatic	All
Mirror, outside rear view	All
Mirror, remote operated outside rear view	All
Mirror, visor vanity	All except convertible
Molding, body sill	All except SS
Radiator insect screen	All
Radio and antenna, AM-FM push button tuning	All
Radio and antenna, manual tuning	All
Radio and antenna, push button tuning	All
Radio speaker, rear auxiliary	All except convertible
Radio stereo equipment	All
Rain deflector	All except sport models
Seat belts, Custom Deluxe	All
Seat belt retractors	All
Seat cushion, ventilated	All
Shock absorber, rear level control	All
Switch, traffic hazard lamp	All
Tachometer, instrument panel mounted	All except SS
Tissue dispenser (saddle type)	All
Tissue dispenser, instrument panel	All
Tool kit	All
Trailer hitch, 2000 pound capacity	All
Windshield washer, single speed wiper	All
Wiring harness, car to trailer connecting	All

TAXI-CAB EQUIPMENT-RPO B02

MODEL APPLICATION:

4-Door Sedan, 13169

BODY (RPO B02)

INTERIOR TRIM

Standard ----- Cloth/vinyl; fawn, aqua, red
Optional ----- All vinyl; medium fawn (RPO 759)

FLOOR

Covering, front and rear
(including foot rest area) ---- Mastic deadener material
Mats, front and rear ----- Black rubber; .125
minimum thickness. Regular production design rein-
forcing patch under accelerator location. Matching
design and border for both mats.

ARM REST

Rear door ----- LH and RH added

SEAT CUSHIONS AND BACKS

Seat cushions, front ----- Same as production
with addition of auxiliary helper spring and jute
silencer to front of main spring. Jute replaces pro-
duction cotton pad.
Seat cushions, rear ----- Same as production
with addition of main spring helper, jute silencer, and
small helper springs on front corners.
Seat backs, front ----- Same as production
with addition of helical tie wires to seat face.
Seat backs, rear ----- Same as production with 1
helical tie wire assembly and 2 corrugated face strips.

FRAME (RPO B02)

FRAME

Type ----- Heavy gauge front extensions,
and special reinforcement at front crossmember to
side member and lower control arm attachment.

SUSPENSION (RPO B02)

SPRINGS

Front and rear ----- Heavy duty

SHOCK ABSORBERS

Front and rear ----- Heavy duty

ENGINE (RPO B02)

6-CYLINDER MODELS

Compression rings ----- Special chrome top
Oil ring rails ----- Chrome
Clutch ----- Heavy duty with
improved driven plate, 10" diameter instead of 9.12".
Water pump ----- Special ceramic rotor seat
for improved durability

TRANSMISSION (RPO B02)

POWERGLIDE

Components ----- Water cooled; larger
converter than production (11.75" instead of 11").
higher capacity clutch (4 driven plates rather than 3);
converter drain plug.

WHEELS AND TIRES (RPO B02)

WHEELS AND TIRES

Wheel size ----- 14 x 5J
Tire size ----- 7.75 x 14-4PR

ELECTRICAL (RPO B02)

DOOR JAMB SWITCH

Dome light operation ----- All four doors

DOOR OPENING WARNING LIGHTS

Location ----- Bright metal bracket under instru-
ment panel, left of steering column

STORAGE BATTERY

Type ----- 61 amp., 12 volts, 11 plate

RADIATOR (RPO B02)

RADIATOR

Type ----- High cooling capacity radiators
used on both standard and Powerglide transmission
models, with 2-plate oil cooler on Powerglide vehicles.

HEAVY DUTY CHASSIS AND BODY EQUIPMENT

MODEL APPLICATION:
4-Door Sedan, 13169

BODY (B01)

INTERIOR TRIM

Standard ----- Cloth/vinyl, fawn, aqua, red
Optional ----- All vinyl, medium fawn (RPO 759)

FLOOR

Covering, front and rear
(Including foot rest area) ----- Mastic deadener material
Mats, front and rear ----- Black rubber, .125
minimum thickness. Regular production design rein-
forcing patch under accelerator location. Matching
design and border for both mats.

SEAT CUSHIONS AND BACKS

Seat cushions, front ----- Same as production
with addition of auxiliary helper spring and jute
silencer to front of main spring. Jute replaces pro-
duction cotton pad.
Seat cushions, rear ----- Same as production
with addition of main spring helper, jute silencer, and
small helper springs on front corners.
Seat backs, front ----- Same as production
with addition of helical tie wires to seat face.
Seat backs, rear ----- Same as production with 1
helical tie wire assembly and 2 corrugated face strips.

SUSPENSION (RPO Z04)

SPRINGS

Front and rear ----- Heavy duty

SHOCK ABSORBERS

Front and rear ----- Heavy duty

ENGINE (RPO Z04)

CLUTCH

Type ----- Heavy duty with
improved driven plate, 10" diameter instead of 9.12"

TRANSMISSION (RPO Z04)

POWERGLIDE

Components ----- Water cooled, larger
converter than production (11.75" instead of 11")
higher capacity clutch (4 driven plates rather than 3)
converter drain plug

WHEELS AND TIRES (RPO Z04)

WHEELS AND TIRES

Wheel size ----- 15 x 5-1 2K
Tire size
Sedan ----- 7.75 x 15-4PF
Station wagon ----- 7.75 x 15-6PF

ELECTRICAL (RPO Z04)

STORAGE BATTERY

Type ----- 61 amp., 12 volts, 11 plate

RADIATOR (RPO Z04)

RADIATOR

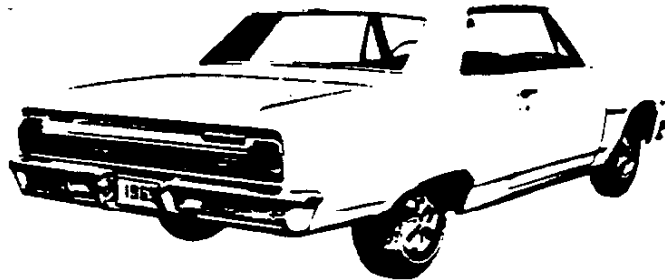
Type ----- Higher cooling capacity radiators
used on both standard and Powerglide transmission
models, with 2-plate oil cooler on Powerglide vehicles.

MALIBU SS 396 EQUIPMENT—RPO Z16

Model Application:

13837 2-Door Sport Coupe 4-Passenger

SPECIFICATIONS OTHER THAN SHOWN ARE REGULAR PRODUCTION



BODY EQUIPMENT

INTERIOR STYLING

Trim colors ----- Red, black, and white
 Other styling features ----- Rear seat belts, custom deluxe front seat belts, AM-FM 4-speaker stereo radio, Universal clock mounted top of instrument panel, 160MPH calibrated speedometer, special oil gauge and tachometer, outside remote control mirror.

EXTERIOR STYLING

Colors ----- Red, black, yellow
 Other styling features ----- Simulated magnesium wheel trim covers, front fender Malibu SS nameplate and crossed flags engine emblem, removal of rear cove perimeter molding, twin ornamental bars, rear SS emblem, "Chevrolet" block letters, bright molding on tail lamps. New ribbed rear cove molding with black paint fill and Malibu SS 396 nameplate added above.

CHASSIS EQUIPMENT

GENERAL

Description ----- Stronger convertible frame using two additional body mounts and reinforcements between upper and lower control arm pivots.

FRONT SUSPENSION

Stabilizer bar ----- 1.06 dia.
 Front springs ----- 320 lb/in rate, 1675 @ 12.59 design load, 133.9 length x .637 dia.

REAR SUSPENSION

Description ----- Regular 4-link system fitted with a frameless stabilizer between lower control arms.
 Rear springs ----- 120 lb/in rate, 600 lb @ 9.74 design load, 108.6 length x .542 dia.

REAR AXLE

Description ----- Heavy duty wheel bearings, axle tubes and shafts
 Ratio ----- 3.31:1
 Ring gear dia. ----- 8.575

BRAKES

Description ----- 11" dia. hydraulic with integral vacuum power assist unit.
 Effective lining area (sq. in.) ----- 183.4
 Gross lining area (sq. in.) ----- 198.4
 Brake effectiveness ----- 58.5
 Wheel cylinder bore ----- 1.1875

STEERING

Description ----- Saginaw semi-reversible power boost gear
 Ratio ----- 15.0:1

WHEELS AND TIRES

Wheels ----- 14.0x6 wide base, riveted rim-spider construction
 Tires ----- 7.75x14 nylon, gold stripe
 Rev./mi @ 50 MPH ----- 774

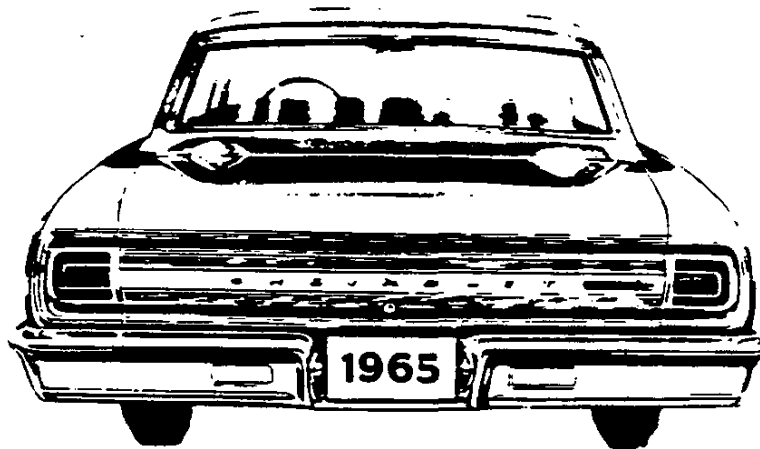
POWER TRAIN

Description ----- 396 cubic inch 375 horsepower V-8 engine, 375 HP @ 5600 RPM, 420 lb torque @ 3600, 11.0:1 compression ratio, 4.094 x 3.76 bore and stroke. Chrome air cleaner cover, valve rocker covers, fuel, air and vacuum lines, oil filler cap and oil level gauge handle, 61 amp battery, high torque starter.

MANDATORY OPTIONS

RPO	ITEM
A47	Rear seat belts
A49	Custom deluxe front seat belts, with retractors
B7C	Instrument panel pad
U5C	Vacuum power brake
L37	Turbo-Jet 396, 375 HP engine
M2C	4-Speed transmission, 2.56:1 low gear
N4C	Hydraulic steering
U16	Tachometer
U69 U70	Stereo adapter with AM/FM radio
Z16	Remote control outside mirror

EXTERIOR PAINT PROCESS



1. **RUSTPROOFING . . .** Bare steel is thoroughly treated with chemicals that etch the metal for improved paint adhesion. This chemical also cleans the metal to give it a corrosion-resisting surface.
2. **BODY AND SHEET METAL PRIMER . . .** Four different and specially formulated corrosion resistant primers are used during sub-assembly of the body where rust could possibly develop. Areas considered especially critical are subsequently coated with another type rust inhibiting compound, after the lacquer coats have been applied.
A primer coat is applied to all outside and inside surfaces of the front fenders and hood. This is done by dipping or flowcoating to insure coating in all seams and secluded areas, and then baking at 390 degrees F for 30 minutes. After baking, a coat of sealer is applied to all surfaces requiring a subsequent coat of lacquer.
3. **PRIMER-SURFACER COAT AND FLASH PRIME COAT . . .** An air dried flash prime coat is applied to surfaces below the beltline. Next, a full primer-surfacer coat is applied to all outside surfaces of the body receiving lacquer and then oven baked for 45 minutes at 285 degrees F.
4. **SANDING . . .** Power wet sanding followed by hand sanding is done on all surfaces requiring lacquer.
Upon inspection, spot sanding assures an absolutely smooth surface for the lacquer. After lacquer application and initial baking, final wet sanding, both power and hand, prepares the body for final baking by removing surface irregularities.
5. **LACQUERING . . .** Many coats of acrylic lacquer are now sprayed on the surfaces to build up a finish of the required thickness for each color.
6. **INITIAL BAKING . . .** To set up the paint hardness for final sanding the body is baked for approximately 10 minutes at 200 degrees F.
7. **FINAL BAKING . . .** To assure a durable, hard, high luster finish the lacquer is now baked for 30 minutes at 275 degrees F. Re-baking the lacquer after final sanding permits paint film to soften and allows surface blemishes and sanding scratches to disappear during the thermo-reflow process.
8. **UNDERCOATING . . .** An asphaltic based-asbestos fiber type sound deadener is sprayed inside the wheel housings and on the underside of the underbody at designated locations to block out road noises.
9. **PAINT REPAIR . . .** Any slight marks, nicks, or scratches that might occur during final assembly are factory-repaired and corrected before shipment. Light "slush" polishing is done to bring painted surfaces to a high luster finish. Wax is sprayed on each vehicle for protection during transit.

EXTERIOR—INTERIOR COLOR COMBINATIONS

131-13200 CHEVELLE 300
 ■
 133-13400 CHEVELLE 300 DELUXE
 ■
 EL CAMINO

			INTERIOR TRIM COLORS AND RPO NUMBERS					
			Fawn	Aqua	Red	Fawn	Aqua	Red
			Model 13480			Models 13411-69-35		
			765	745	794	762	749	775
EXTERIOR			Model 13215			Models 13211-69		
RPO	Color	Sales Name	765	755	781	764	751	782
AA	Black	Tuxedo Black	X	X	X	X	X	X
CC	White	Ermine White	X	X	X	X	X	X
DD	Med. Blue	Mist Blue	X			X		
EE	Dk. Blue	Danube Blue	X			X		
HH	Med. Green	Willow Green	X			X		
JJ	Dk. Green	Cypress Green	X			X		
KK	Med. Aqua	Artesian Turquoise	X	X		X	X	
LL	Dk. Aqua	Tahitian Turquoise	X	X		X	X	
NN	Maroon	Madeira Maroon	X		X	X		X
PP	Orchid	Evening Orchid	Not Available					
RR	Red	Regal Red	X		X	X		X
SS	Saddle	Sierra Tan	X			X		
VV	Beige	Cameo Beige	X		X	X		X
WW	Slate	Glacier Gray	Not Available					
YY	Yellow	Crocus Yellow	Not Available					
Two-Tone (Lower-Upper)								
CK	White/Med. Aqua			X			X	
DC	Med. Blue/White		Not Available					
HC	Med. Green/White		Not Available					
JV	Dk. Green/Beige		X			X		
LK	Dk. Aqua/Med. Aqua			X			X	
SV	Saddle/Beige		X			X		
VN	Beige/Maroon		X			X		
WA	Slate/Black		Not Available					
YC	Yellow/White		Not Available					

NOTE: Two-tone not available on Model 13480.

EXTERIOR—INTERIOR COLOR COMBINATIONS—CONT'D

135-13600 MALIBU AND DELUXE EL CAMINO

EXTERIOR			INTERIOR TRIM COLORS AND RPO NUMBERS							
			Fawn	Aqua	Red	Blue	Saddle	Fawn	Aqua	Red
			Models 13669-3*				Model 13660			
			742	750	772	730	767	742	750	772
			Models 13667-3*				13680 bucket seat opt.			
RPO	Color	Sales Name	766	753	774	742	700	717	724	726
AA	Black	Tuxedo Black	X	X	X	X	X	X	X	X
CC	White	Ermine White	X	X	X	X	X	X	X	X
DD	Med. Blue	Mist Blue	X			X		X		
EE	Dk. Blue	Danube Blue	X			X		X		
HH	Med. Green	Willow Green	X					X		
JJ	Dk. Green	Cypress Green	X				X	X		
KK	Med. Aqua	Artesian Turquoise	X	X				X	X	
LL	Dk. Aqua	Tahitian Turquoise	X	X				X	X	
NN	Maroon	Madeira Maroon	X		X		X	X		X
PP	Orchid	Evening Orchid	Not Available							
RR	Red	Regal Red	X		X			X		X
SS	Saddle	Sierra Tan	X				X	X		
VV	Beige	Gameo Beige	X		X		X	X		X
WW	Slate	Glacier Gray	Not Available							
YY	Yellow	Crocus Yellow	Not Available							
Two-Tone (Lower-Upper)										
CK	White-Med. Aqua			X						
DC	Med. Blue-White					X				
HC	Med. Green-White		Not Available							
JV	Dk. Green-Beige		X					X		
LK	Dk. Aqua-Med. Aqua			X						
SV	Saddle-Beige		X				X			
VN	Beige-Maroon		X							
WA	Slate-Black		Not Available							
YC	Yellow-White		Not Available							

Convertible top: White, black, or beige with any exterior color.

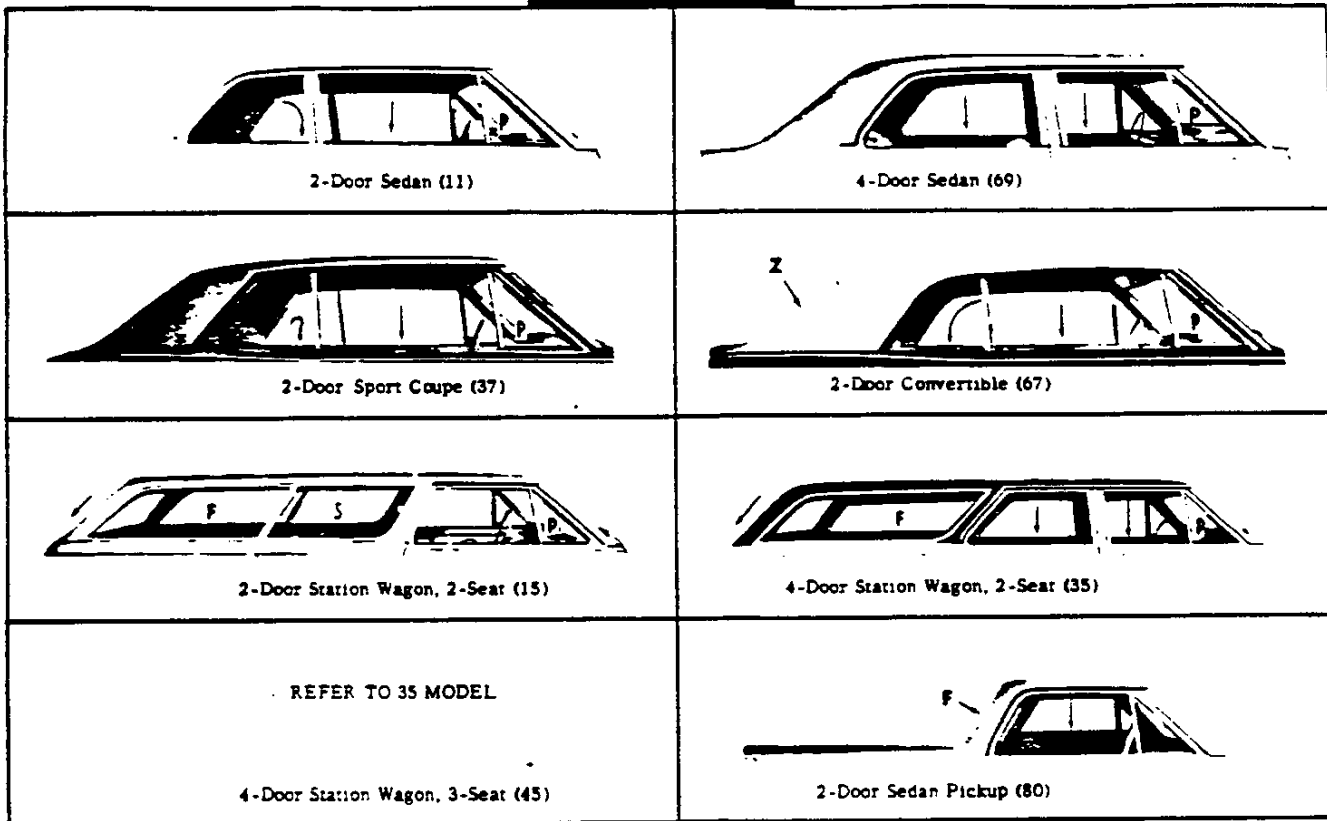
137-138 MALIBU SUPER SPORT

EXTERIOR			INTERIOR TRIM COLORS AND RPO NUMBERS							
			Fawn	Red	Blue	Saddle	Black	White	White	Slate
RPO	Color	Sales Name	Models 13837-67							
			770	786	741	710	714	790(a)	792(b)	700
AA	Black	Tuxedo Black	X	X	X	X	X	X	X	X
CC	White	Ermine White	X	X	X	X	X	X	X	X
DD	Med. Blue	Mist Blue	X		X		X		X	
EE	Dk. Blue	Danube Blue	X		X		X			X
HH	Med. Green	Willow Green	X				X		X	
JJ	Dk. Green	Cypress Green	X			X	X			
KK	Med. Aqua	Artesian Turquoise	X				X	X	X	
LL	Dk. Aqua	Tahitian Turquoise	X					X		
NN	Maroon	Madeira Maroon	X	X		X	X		X	
PP	Orchid	Evening Orchid					X		X	
RR	Red	Regal Red	X	X			X		X	
SS	Saddle	Sierra Tan	X			X	X			
VV	Beige	Cameo Beige	X	X		X	X			
WW	Slate	Glacier Gray					X		X	X
YY	Yellow	Crocus Yellow					X		X	
Two-Tone (Lower/Upper)										
CK	White	Med. Aqua						X		
DC	Med. Blue	White			X					
HC	Med. Green	White	Not Available							
JV	Dk. Green	Beige	X			X				
LK	Dk. Aqua	Med. Aqua						X		
SV	Saddle	Beige	X			X				
VN	Beige	Maroon	X							
WA	Slate	Black					X			X
YC	Yellow	White					X		X	

Convertible top: White, black, or beige with any interior color.
(a) Carpet, instrument panel, and lower portion of sidewall aqua.
(b) Carpet, instrument panel, and lower portion of sidewall black.

BODY GLASS

WINDOW ACTION



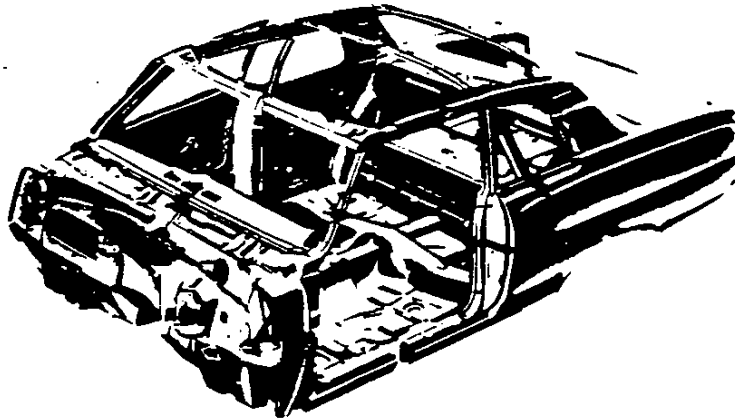
P - Pivoting, Friction Z - Zip Out
F - Fixed - Monkey Action
S - Sliding - Rotating

BODY GLASS TYPE AND VISIBILITY AREA

Location	11	69	37	67	15	35	45	80
Windshield	1107.1							
Front Window	114.0							
Door Window	819.2	534.6	845.6	838.4	729.4	534.6	725.2	
Rear Door Window	--	707.6	--	--	--	716.8	--	--
Rear Window	473.7	--	436.0	329.0	--	--	--	--
Quarter Rear Side	--	--	--	--	948.4	1195.2	--	--
Back Window	1032.3	--	897.7	786.2	--	768.4	--	665.2
Total Visibility (Sq. in.)	3546.3	3495.6	3400.4	3174.7	3667.3	4436.1	--	2611.5

All window glass curved safety solid plate except curved laminated safety plate windshield and flat plastic convertible rear window.

BODY CONSTRUCTION



GENERAL

Type ----- Unisteel, with cowl, roof, underbody and body panels welded to form body shell. Doors, front and rear lids are of double-panel construction and hinge assembled to body. Separate frame and bolt-on front end sheet metal, with protective inner fender skirts.

DOORS AND LOCKS

Door construction ----- Double steel panels, hinged at front
 Door handles ----- Push-button with fork type latches. Inside push button locks on all doors.
 Door ventipanes ----- Friction pivot

HOOD AND TRUNK LID

Type ----- Counterbalanced, with spring loaded toggle action hinges on rear of hood and boxed hinges on trunk lid with torsion rod.
 Hood release ----- External, bottom center of grille

VENTILATION

High level with double wall plenum chamber, providing washing and air drying of rocker panels for corrosion resistance. Air and water travel through rocker panels and drain at ends of rocker inner panels.

SEAT CONSTRUCTION

Type ----- Front seat cushion
 0.75 poly foam --- 131-132-133-13400
 1.75 poly foam ----- 135-13600
 1.50 foam rubber ----- 137-13800
 ----- Rear seat cushion
 Jute and cotton --- 131-132-133-13400
 1.00 poly foam --- 135-136-137-13800

WINDSHIELD WIPERS

Type ----- Dual single speed electric
 Linkage ----- Parallel acting

SPARE TIRE AND TOOLS

Location ----- Sedans and Sport Coupe, horizontal, RH side of trunk floor; Station wagon, vertically in right hand side of cargo compartment rear of wheelhouse behind removable cover. Tools consist of bumper jack with combination lever handle and wheel nut wrench stored under tire.

POWER TEAM COMBINATIONS

<u>ENGINE</u>	<u>EQUIPMENT</u>	<u>TRANSMISSION</u>	<u>AXLE RATIOS*</u>	
			<u>General Purpose Standard</u>	<u>Special Purpose or Mountain</u>
194 CUBIC INCH L-6 HI-THRIFT 194 120 HORSEPOWER	SINGLE BARREL CARBURETOR HYDRAULIC LIFTERS	SEDANS, COUPES AND CONVERTIBLES 3-SPEED & POWERGLIDE OVERDRIVE STATION WAGONS AND SEDAN PICKUPS 3-SPEED & POWERGLIDE OVERDRIVE	3.08:1 3.70:1	3.36:1
230 CUBIC INCH L-6 TURBO-THRIFT 230 140 HP RPO L26	SINGLE BARREL CARBURETOR HYDRAULIC LIFTERS	SEDANS, COUPES AND CONVERTIBLES 3-SPEED POWERGLIDE OVERDRIVE STATION WAGONS AND SEDAN PICKUPS 3-SPEED & POWERGLIDE OVERDRIVE	3.08:1 3.08:1 3.70:1	3.36:1
283 CUBIC INCH V-8 TURBO-FIRE 283 195 HORSEPOWER	2-BARREL CARBURETOR HYDRAULIC LIFTERS	ALL MODELS EXCEPT SEDAN PICKUPS 3-SPEED & 4-SPEED POWERGLIDE OVERDRIVE SEDAN PICKUPS 3-SPEED & 4-SPEED POWERGLIDE OVERDRIVE	3.08:1 3.08:1 3.70:1	3.36:1 3.70:1
● 283 CUBIC INCH V-8 TURBO-FIRE 283 220 HORSEPOWER	4-BARREL CARBURETOR HYDRAULIC LIFTERS	ALL MODELS 3-SPEED & 4-SPEED POWERGLIDE OVERDRIVE	3.36:1 3.36:1 3.70:1	
327 CUBIC INCH V-8 TURBO-FIRE 327 250 HP RPO L30	4-BARREL CARBURETOR HYDRAULIC LIFTERS	ALL MODELS EXCEPT SEDAN PICKUPS 3-SPEED & 4-SPEED POWERGLIDE SEDAN PICKUPS 3-SPEED & 4-SPEED POWERGLIDE	3.07:1 2.73:1	3.73:1 3.07:1
327 CUBIC INCH V-8 TURBO-FIRE 327 300 HP RPO L74	LARGE 4-BARREL ALUM. CARBURETOR HYDRAULIC LIFTERS	ALL MODELS EXCEPT SEDAN PICKUPS 3-SPEED & 4-SPEED POWERGLIDE SEDAN PICKUPS 3-SPEED & 4-SPEED POWERGLIDE	3.31:1 3.07:1	3.73:1 3.07:1
327 CUBIC INCH V-8 TURBO-FIRE 327 350 HP RPO L79	LARGE 4-BARREL CARBURETOR HYDRAULIC LIFTERS	ALL MODELS 3-SPEED & 4-SPEED	3.31:1	

* - POSITRACTION AXLE RATIOS AVAILABLE IN COMBINATIONS SHOWN.

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSIONS

ENGINE	CARBU- RETION	TRANS- MISSION	TOTAL GEAR REDUCTION*					AXLE RATIO	MAXIMUM AXLE TORQUE LOW GEAR (LB-FT)#	
			1st	2nd	3rd	4th	Rev			
120 HP Hi-Thrift Six-Cyl	Single Barrel	3-Speed	9.06	5.17	3.08		9.06	3.08:1	1193	
		Over- drive	Out	10.88	6.22	3.70		10.88	3.70:1	1424
			In	7.61	4.35	2.59		7.61	3.70:1	1003
140 HP Turbo-Thrift Six-Cyl	Single Barrel	3-Speed	9.06	5.17	3.08		9.06	3.08:1	1579	
		Over- drive	Out	10.88	6.22	3.70		10.88	3.70:1	1896
			In	7.61	4.35	2.59		7.61	3.70:1	1326
195 HP Turbo-Fire V-8	2-Barrel	3-Speed	7.95	4.56	3.08		7.95	3.08:1	1655	
		Over- drive	Out	9.55	5.48	3.70		9.55	3.70:1	1988
			In	6.68	3.83	2.59		6.68	3.70:1	1392
220 HP Turbo-Fire V-8	4-Barrel	4-Speed	7.88	5.88	4.56	3.08	8.13	3.08:1	1642	
		3-Speed	Out	8.67	4.97	3.36		8.67	3.36:1	
			In	9.55	5.48	3.70		9.55	3.70:1	
250 HP Turbo-Fire V-8	Large 4-Barrel	Over- drive	In	6.68	3.83	2.59		6.68	3.70:1	
		4-Speed	Out	8.60	6.46	4.97	3.36	8.87	3.36:1	
			In	7.92	4.54	3.01		7.92	3.07:1	
300 HP Turbo-Fire V-8	Large Alum. 4-Barrel	3-Speed	7.86	5.86	4.54	3.07	8.16	3.07:1		
		4-Speed	8.54	4.90	3.31		8.54	3.31:1		
350 HP Turbo-Fire V-8	Large 4-Barrel	4-Speed	8.47	6.32	4.90	3.31	8.74	3.31:1		
		3-Speed	8.54	4.90	3.31		8.54	3.31:1		

WITH AUTOMATIC TRANSMISSIONS

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION*	AXLE RATIO
120 HP Hi-Thrift Six-Cylinder	Powerglide	Drive Low & Reverse	13.46:1 - 3.08:1 13.46:1 - 5.61:1	3.08:1
140 HP Turbo-Thrift Six-Cylinder	Powerglide	Drive Low & Reverse	13.46:1 - 3.08:1 13.46:1 - 5.61:1	3.08:1
195 HP Turbo-Fire V-8	Powerglide	Drive Low & Reverse	11.77:1 - 3.08:1 11.77:1 - 5.61:1	3.08:1
220 HP Turbo-Fire V-8	Powerglide	Drive Low & Reverse	12.84 - 3.36:1 12.84 - 5.91:1	3.36:1
250 HP Turbo-Fire V-8	Powerglide	Drive Low & Reverse	11.10:1 - 2.73:1 11.10:1 - 4.80:1	2.73:1
300 HP Turbo-Fire V-8	Powerglide	Drive Low & Reverse	11.36:1 - 3.07:1 11.36:1 - 5.40:1	3.07:1

* - Axle ratio x transmission ratio.

- Gear reduction x maximum net engine torque x efficiency factor (0.90 in direct drive, 0.85 all others).

ENGINE DATA AND RATINGS

GENERAL DATA

Piston Displacement (Cu.In.)	194	230	283	327
Availability	Base	RPO L26	Base	RPO L77 RPO L30 RPO L74 RPO L79
No. of Cylinders	Six		Eight	
Bore (nominal)	3.56	3.88	3.88	4.00
Stroke (nominal)	3.25		3.00	3.25
Compression Ratio	8.5:1		9.25:1	10.0:1 11.0:1
Taxable (SAE) Horsepower	30.5	36.0	48.0	51.2
Firing Order	1-5-3-6-2-4		1-8-4-3-6-5-7-2	
Idling Speed	Synchronesh (in neutral)		500	
	Powerglide (in drive)		500	475
Compression Press. (PSI) @ Cranking Speed, Engine Hot	140		150	
Power Plant Mountings	Two, combination compression & shear type			
	Front	One, shear type		
Measurements	Fan to rear of engine block	33.09	32.67	30.14
	Top of air cleaner to bottom of oil pan	26.55	26.67	29.57
	Width - including generator	28.37		28.92

ADVERTISED ENGINE RATINGS

Engine Designation	L6, 120 HP Hi-Thrift 194 Cu.In.	L6, 140 HP Turbo-Thrift 230 Cu.In.	V8, 195 HP Turbo-Fire 283 Cu.In.	V8, 220 HP Turbo-Fire 283 Cu.In.	V8, 250 HP Turbo-Fire 327 Cu.In.	V8, 300 HP Turbo-Fire 327 Cu.In.	V8, 350 HP Turbo-Fire 327 Cu.In.
Availability	Base	RPO L26	Base	RPO L77	RPO L30	RPO L74	RPO L79
Carburetor	Single Barrel	Single Barrel	Two Barrel	Four Barrel	Four Barrel	Aluminum Four Barrel	Large Four Barrel
Brake HP @ RPM	Gross	120 @ 4400	140 @ 4400	195 @ 4800	220 @ 4800	250 @ 4400	300 @ 5000
	Net	95 @ 4000	120 @ 3600	150 @ 4400	200 @ 4400	200 @ 4400	
Torque @ RPM (lb-ft)	Gross	177 @ 2400	220 @ 1600	285 @ 2400	295 @ 3200	350 @ 2800	360 @ 3200
	Net	135 @ 2000	205 @ 1600	245 @ 2400		315 @ 2600	

ENGINE SPEED AND PISTON TRAVEL

194 and 230 CUBIC INCH L-6 ENGINE

Transmission	3-Speed	3-Speed with Overdrive		Powerglide
		OD Locked Out	OD Locked In	
Rear Axle Ratio	3.08:1 (a)	3.70:1		3.08:1
Tire Size	6.95 x 14-4PR (b)			
Crankshaft Revolutions per Mile	2528.7	3037.7	2126.4	2528.7
Crankshaft RPM @ 1 MPH	Low	123.9	148.8	104.2
	Second	72.5	85.1	59.5
	Third	42.1	50.6	35.4
	Reverse	123.9	148.8	104.2
Piston Travel (ft/mile)	1369.7	1645.4	1151.9	1369.7

(a) 2.73:1 on 300 Sedans; 3.36:1 on Station Wagons & Sedan Pickups.

(b) 7.35 x 14-4PR standard on Station Wagons & Sedan Pickups.

283 CUBIC INCH V-8 ENGINE

Transmission	3-Speed	3-Speed with Overdrive		4-Speed	Powerglide
		Locked Out	Locked In		
Rear Axle Ratio	3.08:1 (b)	3.70:1		3.08:1 (b)	
Tire Size	6.95 x 14-4PR (a)				
Crankshaft Revolutions per Mile	2528.7	3037.7	2126.4	2528.7	
Crankshaft RPM @ 1 MPH	Low	108.7	130.6	91.4	107.9
	Second	62.4	74.9	52.4	80.5
	Third	42.1	50.6	35.4	62.4
	Fourth				42.1
	Reverse	108.7	130.6	91.4	111.3
Piston Travel (ft/mile)	1264.4	1518.9	1275.8	1264.4	

(a) 7.35 x 14-4PR standard on Station Wagons & Sedan Pickups.

(b) 3.36:1 standard on 220 HP Engine (RPO L77).

327 CUBIC INCH V-8 250 HP ENGINE (RPO L30)

Transmission	3-Speed (a)	4-Speed	Powerglide
Rear Axle Ratio	3.07:1		2.73:1 (a)
Tire Size	7.35 x 14-4PR		
Crankshaft Revolutions per Mile	2462.1		2189.5
Crankshaft RPM @ 1 MPH	Low	105.9	105.0
	Second	60.7	78.4
	Third	41.0	60.7
	Fourth		41.0
	Reverse	105.9	108.3
Piston Travel (ft/mile)	1333.6		1186.0

(a) 3.07:1 on Sedan Pickups.

327 CUBIC INCH V-8 300 HP ENGINE (RPO L74 & RPO L79)

Transmission	3-Speed	4-Speed	● Powerglide
Rear Axle Ratio	3.31:1		3.07:1 (a)
Tire Size	7.35 x 14-4PR		
Crankshaft Revolutions per Mile	2654.7		2462.1
Crankshaft RPM @ 1 MPH	Low	114.1	113.3
	Second	65.5	84.5
	Third	44.2	65.5
	Fourth		44.2
	Reverse	114.1	116.6
Piston Travel (ft/mile)	1437.9		1333.6

(a) Powerglide not available on RPO L79

VEHICLE PERFORMANCE FACTORS

ENGINE	BASE 194 CU.IN. 120 HP	RPO L26 230 CU.IN. 140 HP	BASE 283 CU.IN. 195 HP	RPO L30 327 CU.IN. 250 HP	RPO L24 327 CU.IN. 300 HP	BASE 194 CU.IN. 120 HP	BASE 283 CU.IN. 195 HP
MODEL	13369	13369	13469	13469	13469	13380	13480

3-SPEED TRANSMISSION

Performance Weight (pounds)	3658	3660	3806	3844	3864	3373	3520
Pounds per Gross Horsepower	30.48	26.14	19.52	15.38	12.88	28.11	18.05
Pounds per Cu.In. Displacement	18.86	15.91	13.45	11.76	11.82	10.32	12.44
Gross HP per Cu.In. Displacement	.619	.609	.689	.765	.917	.619	.689
Power Displacement (cu.ft./mile)	141.95	168.29	207.06	232.9c	251.17	151.2c	202.27
Displacement Factor (cu.ft./ton mile)	77.01	91.96	108.81	121.18	130.01	89.66	114.9c

3-SPEED TRANSMISSION WITH OVERDRIVE

Performance Weight (pounds)	3655	3685	3831			3395	3545
Pounds per Gross Horsepower	30.69	26.32	19.65			28.32	18.19
Pounds per Cu.In. Displacement	18.98	16.02	13.54			10.39	12.53
Gross HP per Cu.In. Displacement	.619	.609	.689			.619	.689
Power Displacement (cu.ft./mile)	Locked Out	176.52	202.16	248.75		166.57	242.9c
	Locked In	119.36	141.51	174.12		116.60	170.00
Displacement Factor (cu.ft./ton mile)	Locked Out	92.57	109.75	129.89		98.04	140.38
	Locked In	64.80	76.63	90.93		68.63	98.2c

4-SPEED TRANSMISSION

Performance Weight (pounds)			3807	3845	3865		3521
Pounds per Gross Horsepower			19.52	15.38	12.88		18.0c
Pounds per Cu.In. Displacement			13.45	11.76	11.82		12.44
Gross HP per Cu.In. Displacement			.689	.765	.917		.689
Power Displacement (cu.ft./mile)			207.06	232.9c	251.17		202.27
Displacement Factor (cu.ft./ton mile)			108.78	121.18	129.97		114.89

POWERGLIDE*

Performance Weight (pounds)	3674	3676	3822	3860	3900	3389	353c
Pounds per Gross Horsepower	30.62	26.26	19.60	15.44	13.00	28.24	18.33
Pounds per Cu.In. Displacement	18.94	15.98	13.51	11.80	11.93	10.3c	12.50
Gross HP per Cu.In. Displacement	.619	.609	.689	.765	.917	.619	.689
Power Displacement (cu.ft./mile)	141.95	168.29	207.06	232.9c	232.9c	151.2c	202.27
Displacement Factor (cu.ft./ton mile)	68.49	91.56	108.35	107.34	119.47	89.27	117.12

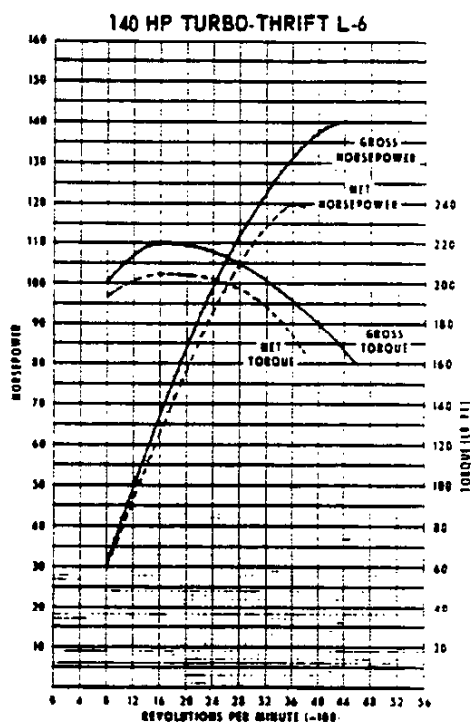
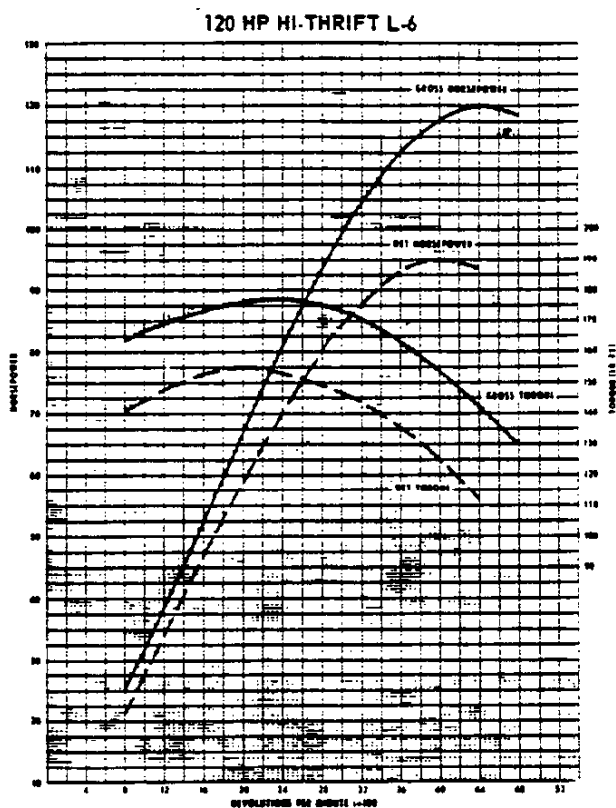
* - Data computed assuming zero slippage in torque converter.

GLOSSARY

Performance Weight:	Curb Weight plus 600 Lb * (weight of four 150 lb passengers)
Power Displacement:	$\frac{\text{Crankshaft Revs./Min.} \times \text{Piston Displacement}}{2 \times 1728}$
Displacement Factor:	$\frac{\text{Power Displacement}}{\text{Performance wt (tons)}}$

* - Models 13380 & 13480 two passengers, 300 lbs.

ENGINE OUTPUT CURVES



The engine output curves represent full throttle performance as obtained from dynamometer test data corrected to standard barometric pressure 29.92 inches of mercury and standard temperature of 60 degrees F.

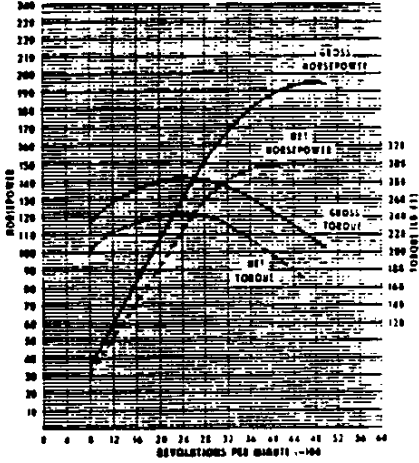
GROSS POWER and TORQUE were obtained in a regular dynamometer test with the dynamometer exhaust system,

no fan, generator not charging, optimum spark advance, and optimum fuel setting.

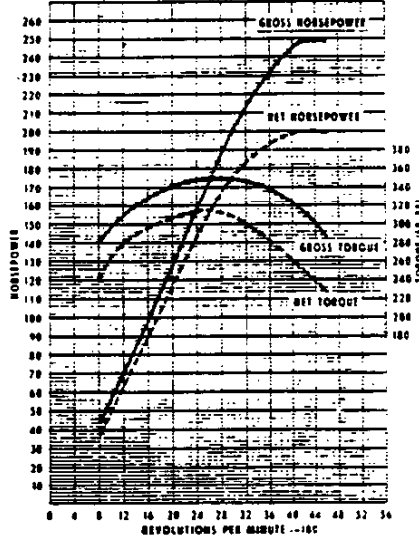
NET POWER and TORQUE were obtained from a dynamometer test simulating actual operating conditions when the engine is in its vehicle, except the generator is not charging.

ENGINE OUTPUT CURVES

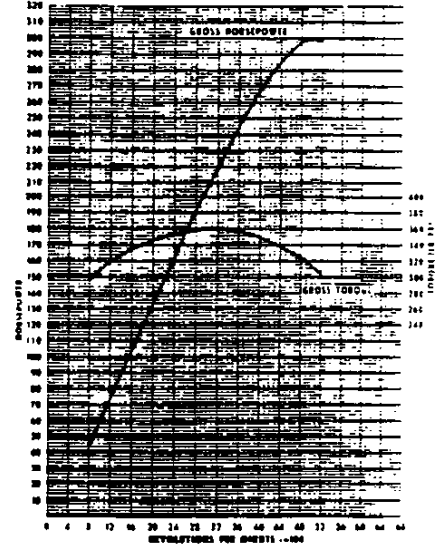
195 HP TURBO-FIRE V-8



250 HP TURBO-FIRE V-8



300 HP TURBO-FIRE V-8



The engine output curves represent full throttle performance as obtained from dynamometer test data corrected to standard barometric pressure 29.92 inches of mercury and standard temperature of 60 degrees F.

GROSS POWER and TORQUE were obtained in a regular dynamometer test with the dynamometer exhaust system,

no fan, generator not charging, optimum spark advance, and optimum fuel setting.

NET POWER and TORQUE were obtained from a dynamometer test simulating actual operating conditions when the engine is in its vehicle, except the generator is not charging.

CHEVELLE—6-Cylinder Engine

1965 MODELS WITH STANDARD EQUIPMENT (120-hp Hi-Thrift 194 Engine—115" Wheelbase)

Model Description	Price at which Dealer is Invoiced (List Price less 19%) [▲]	Factory D & H	List Price	Mfr's Sgr'd Dealer D & H	Mfr's Sgr'd Retail Price [★]	Desti-nation Charge	Total
300 Series:							
13111 2-Door Sedan—6-Passenger.....					\$2109.00		
13169 4-Door Sedan—6-Passenger.....					2146.00		
13115 2-Door Station Wagon—2-Seat.....					2400.00		
300 Deluxe Series:							
13311 2-Door Sedan—6-Passenger.....					2183.00		
13369 4-Door Sedan—6-Passenger.....					2220.00		
13335 4-Door Station Wagon—2-Seat.....					2511.00		
Malibu Series:							
13569 4-Door Sedan—6-Passenger.....					2299.00		
13537 2-Door Sport Coupe—5-Passenger.....					2325.00		
13567 2-Door Convertible—3-Passenger.....					2532.00		
13535 4-Door Station Wagon—2-Seat.....					2590.00		
Malibu Super Sport Series:							
13737 2-Door Sport Coupe—4-Passenger.....					2484.00		
13767 2-Door Convertible—4-Passenger.....					2690.00		

▲ Base discount is 21% with the 2% difference retained for dealer's account in accordance with Dealer Price List.
★ Manufacturer's Suggested Retail Prices do not include state and local taxes, license fees, options or accessories.

OPTIONS & ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Ordering Col-Code	Option Number	Dealer Net	Factory D & H	List Price	Mfr's Suggested Retail Delivered Price [◇]
Air Conditioning, Four-Season: Includes 55-amp Delcotron and heavy-duty radiator.....	52-1	C60				\$355.95
Air Deflector, Rear Window: (Anodized Aluminum) Wagons only.....	45-5	C51				18.95
Antenna, Rear: Replaces front radio antenna. Not available on Station Wagons or when AM-FM radio is ordered.....	45-1	U73				N.C.
Axle, Rear: See <i>Power Teams</i> chart for availability and ordering code 3.36 ratio (Included when air conditioning is ordered).....		G76				2.10
Axle, Positraction Rear: Not available with taxicab. See <i>Power Teams</i> chart for availability and ordering code.....		G80				36.85
Battery, Heavy-Duty: 66-plate, 70 amp-hr.....	36-1	T60				7.35
Belts, Seat: 2 front, Custom De Luxe with retractors.....	51-2	A49				7.35
2 front, Custom De Luxe with retractors and 2 rear Custom De Luxe.....	51-7	A49/A47				23.15
Custom, 2 rear, for use w/production front seat belts.....	51-3	A64				12.65
Deletion.....	51-1	A62				10.70 CR.
Body Equipment, Heavy-Duty						
Model 13169 only. Includes heavy-duty front & rear seats and heavy-duty front & rear floor mats.....	58-2	B01				17.90
Brakes, Special: Metallic facings.....	40-1	J65				36.85
Brakes, Vacuum Power	33-2	J50				42.10
Carrier, Luggage: Station wagons only.....	54-2	V55				42.10
Comfort & Convenience Equipment Type "A": Includes outside rearview mirror; inside non-glare mirror; 2-spd electric windshield wipers and washer						
Malibu and Malibu Super Sport Series.....	47-1	Z01				29.50
300 and 300 Deluxe Series. Also includes back-up lights and glove compartment light.....	47-1	Z01				40.00
Comfort & Convenience Equipment Type "B": Identical to Type "A" except outside rearview mirror is remote control						
Malibu and Malibu Super Sport Series.....	47-2	Z13				38.95
300 and 300 Deluxe Series.....	47-2	Z13				49.50
Chassis Equipment, Heavy-Duty: Model 13169 only. Not available with air conditioning, 140-hp engine or taxi equipment. Includes heavy-duty front & rear springs and heavy-duty front & rear shock absorbers.....						
	40-2	Z04				18.95
Clutch, Heavy-Duty: 120-hp engine only. Included when taxi or HD chassis equipment is ordered.....						
	41-2	M01				5.25
Cooler, Transmission Oil: 120-hp engine only. Included with taxicab equipment. Available only when Powerglide transmission is ordered. Recommended for stop-and-go driving.....						
	41-4	M55				15.80
Defroster, Rear Window: Sedans & Sport Coupes only.....	52-4	C50				21.05

◇ State and local taxes not included.

CHEVELLE—6-Cylinder Engine

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Ordering Col-Code	Option Number	Dealer Net	Factory D & H	List Price	Mfr's Suggested Retail Delivered Price [⊕]
Engine: See Power Teams chart for complete engine specifications and transmission availability						
140-hp Turbo-Thrift 230	30-1	L26				\$26.30
Generator:						
42-amp Delcotron	39-1	K79				10.55
55-amp Delcotron. Not available with taxi equipment. Included with air conditioning	39-2	K77				21.05
62-amp Delcotron. Not available with power steering						
For use without air conditioning	39-3	K81				73.70
For use with air conditioning	39-3	K81				63.20
Glass, Soft Ray Tinted: All windows						
Windshield only	48-2	A01				30.55
	48-1	A02				19.50
	56-1	V31				9.45
	56-2	V32				9.45
Guard: Front bumper						
Rear bumper; not available on station wagons						
Heater & Defroster Deletion: Not available with air conditioning						
	52-3	C48				70.50 CR.
Horn, Tri-Volume: Except 300 Series						
	58-3	U03				13.70
Instrument Panel, Padded						
	46-1	B70				17.90
Lock, Spare Wheel						
	54-5	P19				5.25
Paint, Exterior:						
Solid colors						N.C.
Two-tone combinations						15.80
Radiator, Heavy-Duty: Not available with air conditioning, transmission oil cooler, taxi equipment or HD chassis						
	36-2	V01				10.55
Radio: includes front antenna. Rear antenna must be ordered separately						
Manual control	44-2	U60				48.95
Pushbutton control	44-3	U63				57.40
Pushbutton control with rear seat speaker; not available on convertible	44-4	U63/U80				70.55
AM-FM pushbutton control (front antenna only)	44-5	U69				133.75
AM-FM pushbutton control with rear seat speaker; not available on convertible (front antenna only)	44-6	U69/U80				146.90
Roof Cover, Vinyl: For models 13537 and 13737 only. (Solid exterior colors only)						
Black vinyl	53-6	C08				73.70
Seat, Divided Second: For station wagons. Fawn trim only	57-2	A66				36.85
Seat, Power: 4-way electric control; front seat only. Not available on Malibu Super Sport or 300 Series						
4-way electric control; driver's seat only. Available only on Malibu Super Sport Series	57-1	A41				63.20
Shock Absorbers, Rear:						
Superlift	37-3	G66				36.85
Superlift—Automatic Level Control	37-D	G66/G67				84.25
Steering, Power:						
	33-1	N40				84.25
Steering Wheel: Sports-styled walnut-grained plastic rim	50-3	N34				31.60
Steering Wheel, Comfortilt: (seven-position) Available only when Powerglide transmission is ordered	50-2	N33				42.10
Suspension, Special Front & Rear: Not available with taxi or HD chassis equipment						
On sedans, sport coupes and convertible; includes special front & rear springs and special front & rear shock absorbers	37-2	F40				4.70
On station wagons; includes special front & rear springs	37-2	F40				3.70
Taxi Equipment: For use only with std 3-spd or Powerglide transmission. Not available with air conditioning. Includes heavy-duty front & rear springs, heavy-duty shock absorbers and 7.75-14 tires. Model 13169 only. Not available with 140-hp engine						
	58-1	B02				62.15
Tops, Convertible:						
Models 13567 and 13767 only. Choice of White (standard), Black or Beige. See Color and Trim charts	53-	C05				N.C.
Top, Convertible Power: Models 13567 and 13767 only	55-4	C06				52.65
Transmission: See Power Teams chart for availability						
Powerglide	29-1	M35				184.30
Overdrive	29-4	M10				105.30
Trim Package: (300 Series only) Includes wheel trim covers, steering wheel with horn ring and exterior trim molding						
	49-7	Z08				30.00
Trim, Vinyl Interior: (Fawn) For 300 Series (Except Model 13115)						
	25-V	759				5.25
Ventilation, Closed Engine Positive: Approved by State of California						
	42-1	K24				5.25
Wheel Covers: Four bright metal						
Not available on Malibu Super Sport Series	49-1	P01				21.05
Wheel Covers, Simulated Wire:						
Malibu Super Sport Series	49-2	P02				55.80
300, 300 Deluxe and Malibu Series	49-2	P02				73.70
Windows, Power: For 300 Deluxe, Malibu and Malibu Super Sport Series only						
	55-1	A31				100.05
Window, Power Rear: For station wagons only	55-2	A33				26.30

⊕ State and local taxes not included.

CHEVELLE—8-Cylinder Engine

1965 MODELS WITH STANDARD EQUIPMENT (195-hp Turbo-Fire 283 Engine—115" Wheelbase)

Model Description	Price at which Dealer is Invoiced (List Price less 19%) †	Factory D & H	List Price	Mfr's Sgr'd Dealer D & H	Mfr's Sgr'd Retail Price*	Desti-nation Charge	Total
300 Series							
13211 2-Door Sedan—6-Passenger.....					\$2215.00		
13269 4-Door Sedan—6-Passenger.....					2251.00		
13215 2-Door Station Wagon—2-Seat.....					2505.00		
300 Deluxe Series:							
13411 2-Door Sedan—6-Passenger.....					2288.00		
13469 4-Door Sedan—6-Passenger.....					2326.00		
13435 4-Door Station Wagon—2-Seat.....					2616.00		
Malibu Series:							
13669 4-Door Sedan—6-Passenger.....					2405.00		
13637 2-Door Sport Coupe—5-Passenger.....					2431.00		
13667 2-Door Convertible—5-Passenger.....					2637.00		
13635 4-Door Station Wagon—2-Seat.....					2695.00		
Malibu Super Sport Series:							
13837 2-Door Sport Coupe—4-Passenger.....					2590.00		
13867 2-Door Convertible—4-Passenger.....					2796.00		

† Base discount is 21% with the 2% difference retained for dealer's account in accordance with Dealer Price List.
* Manufacturer's Suggested Retail Prices do not include state and local taxes, license fees, options or accessories.

OPTIONS & ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Ordering Col-Code	Option Number	Dealer Net	Factory D & H	List Price	Mfr's Suggested Retail Delivered Price◇
Air Conditioning, Four-Season: Includes 55-amp Delcotron, heavy-duty radiator, temperature-controlled radiator fan. 7.35-14 or larger ares required.....	52-1	C60				
Air Deflector, Rear Window: (Anodized Aluminum) Wagons only.....	45-5	CS1				
Antenna, Rear: Replaces front radio antenna. Not available on station wagons or when AM-FM radio is ordered.....	45-1	U73				
Axle, Rear: See Power Teams chart for availability and ordering code 3.36 ratio (Included when air conditioning is ordered).....		G76				
Axle, Positraction Rear: See Power Teams chart for availability & ordering code.....		G80				
Battery, Heavy-Duty: 66-plate, 70 amp-hr.....	36-1	T60				
Belts, Seat:						
2 front, Custom De Luxe with retractors.....	51-2	A49				
2 front, Custom De Luxe with retractors and 2 rear Custom De Luxe.....	51-7	A49/A47				
Custom, 2 rear, for use w/production front.....	51-3	A64				
Deletion.....	51-1	A62				
Brakes, Special: Metallic facings.....	40-1	J65				
Brakes, Vacuum Power	33-2	IS0				
Carrier, Luggage: Station wagons only.....	54-2	V55				
Comfort & Convenience Equipment Type "A": Includes outside rearview mirror; inside non-glare mirror and 2-spd electric windshield wipers and washer Malibu and Malibu Super Sport Series.....	47-1	Z01				
300 and 300 Deluxe Series. Also includes back-up lights and glove compartment light.....	47-1	Z01				
Comfort & Convenience Equipment Type "E": Identical to Type "A" except outside rearview mirror is remote control Malibu and Malibu Super Sport Series.....	47-2	Z13				
300 and 300 Deluxe.....	47-2	Z13				
Defroster, Rear Window: Sedans & Sport Coupes only.....	52-4	CS0				
Engine: See Power Teams chart for complete engine specifications and transmission availability						
220-hp Turbo-Fire 283 V8.....	30-L	L77				
250-hp Turbo-Fire 327 V8.....	30-2	L30				
300-hp Turbo-Fire 327 V8.....	30-3	L74				
350-hp Turbo-Fire 327 V8.....	30-6	L79				
Exhaust, Dual: For 250-hp engine only.....	38-5	N10				
Fan, Radiator: Temperature-controlled. Included with Four-Season air conditioning and 250-hp, 300-hp and 350-hp engines.....	41-1	K02				

◇ State and local taxes not included.

CHEVELLE—8-Cylinder Engine

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Ordering Col-Code	Option Number	Dealer Net	Factory D & H	List Price	Mfr's Suggested Retail Delivered Price
Generator:						
42-amp Delcotron. Included with transistorized ignition...	39-1	K79				\$ 10.55
55-amp Delcotron. Included with air conditioning...	39-2	K77				21.05
62-amp Delcotron						
For use without air conditioning...	39-3	K81				73.70
For use with air conditioning...	39-3	K81				63.20
Glass, Soft Ray Tinted: All windows	48-2	A01				30.55
Windshield only	48-1	A02				19.50
Guard: Front bumper	56-1	V31				9.45
Rear bumper; except station wagons	56-2	V32				9.45
Heater & Defroster Deletion: Not available with air conditioning	52-3	C48				70.50 CR.
Horn, Tri-Volume: Except 300 Series	58-3	U03				13.70
Ignition System, Transistorized: Available with 350-hp engine only	36-4	K66				73.70
Instrument Panel, Padded	46-1	B70				17.90
Lock, Spare Wheel	54-5	P19				5.25
Paint, Exterior: Solid colors						N.C.
Two-tone combinations						15.80
Radiator, Heavy-Duty: Not available with air conditioning	36-2	V01				10.55
Radio: Includes front antenna. Rear antenna must be ordered separately						
Manual control	44-2	U60				48.95
Pushbutton control	44-3	U63				57.40
Pushbutton control with rear seat speaker. Not available on convertible	44-4	U63/U80				70.55
AM-FM pushbutton control (Front antenna only)	44-5	U69				133.75
AM-FM pushbutton control with rear seat speaker. Not available on convertible (Front antenna only)	44-6	U69/U80				146.90
Roof Cover, Vinyl: For models 13637 and 13837 only. (Solid exterior colors only)						
Black vinyl	53-6	C08				73.70
Seat, Divided Second: For station wagons. Fawn trim only	57-2	A66				36.85
Seat, Power: 4-way electric control; front seat only. Not available with 4-speed transmission or Malibu Super Sport Series or 300 Series	57-1	A41				63.20
4-way electric control; driver's seat only. Available only on Malibu Super Sport Series	57-P	A46				63.20
Shock Absorbers, Rear:						
Superlift	37-3	G66				36.85
Superlift—Automatic Level Control	37-D	G66/G67				84.25
Steering, Power	33-1	N40				84.25
Steering Wheel: Sports-styled walnut-grained plastic ring	50-3	N34				31.60
Steering Wheel, Comfortilt: (seven-position) Available only when Powerglide or 4-speed transmission is ordered	50-2	N33				42.10
Suspension, Special Front & Rear:						
On sedans, sport coupes and convertible; includes special front & rear springs and special front & rear shock absorbers	37-2	F40				4.70
On station wagons; includes special front & rear springs	37-2	F40				3.70
Tachometer	38-3	U16				47.40
Top, Convertible: Models 13667 and 13867 only. Choice of White (standard), Black or Beige. See Color and Trim charts	53-	C05				N.C.
Top, Convertible Power: Models 13667 and 13867 only	55-4	C06				52.65
Transmissions: See Power Teams chart for availability						
4-Speed Synchro-Mesh	29-3	M20				184.30
Overdrive	29-4	M10				105.30
Powerglide	29-1	M35				194.85
Trim Package: (300 Series only) Includes wheel trim covers, steering wheel with horn ring and exterior trim molding	49-7	Z08				30.00
Trim, Vinyl Interior: (Fawn) For 300 Series (Except Model 13215)	25-V	759				5.25
Ventilation, Closed Engine Positive: Approved by State of California	42-1	K24				5.25
Wheel Covers: Four, bright metal						
Not available on Malibu Super Sport Series	49-1	P01				21.05
Wheel Covers, Simulated Wire:						
Malibu Super Sport Series	49-2	P02				55.80
300, 300 Deluxe and Malibu Series	49-2	P02				73.70
Windows, Power: For 300 Deluxe, Malibu, and Malibu Super Sport Series only	55-1	A31				100.05
Window, Power Rear:						
For station wagons only	55-2	A33				26.30

♦ State and local taxes not included.

CHEVELLE TIRES

CHEVELLE SERIES BASE TIRE CHART

Model		Base Tires	Tires Included with Tax Option	Tires Included with Optional 327 V8 Engine
6-Cyl	8-Cyl			
13111	13211	6.95-14/2Ply (4PR)	—	7.35-14/2Ply (4PR)
13115	13215	7.35-14/2Ply (4PR)	—	—
13169	13269	6.95-14/2Ply (4PR)	7.75-14/2Ply (4PR)	7.35-14/2Ply (4PR)
13311	13411	6.95-14/2Ply (4PR)	—	7.35-14/2Ply (4PR)
13335	13435	7.35-14/2Ply (4PR)	—	—
13369	13469	6.95-14/2Ply (4PR)	—	7.35-14/2Ply (4PR)
13535	13635	7.35-14/2Ply (4PR)	—	—
13537	13637	6.95-14/2Ply (4PR)	—	7.35-14/2Ply (4PR)
13567	13667	6.95-14/2Ply (4PR)	—	7.35-14/2Ply (4PR)
13569	13669	6.95-14/2Ply (4PR)	—	7.35-14/2Ply (4PR)
13737	13837	6.95-14/2Ply (4PR)	—	7.35-14/2Ply (4PR)
13767	13867	6.95-14/2Ply (4PR)	—	7.35-14/2Ply (4PR)

OPTIONAL TIRES FOR CHEVELLE SERIES Factory Installed Regular Production Tires

Description	Ordering Column 34-35 Code	Option Number	Dealer Net	Factory D & H	List Price	Mfr's Suggested Retail Delivered Price [◇]
TUBELESS TIRES						
Replaces (5) 6.95-14/2Ply (4PR) Regular Highway Blackwall						
(5) 6.95-14/2Ply (4PR) Regular Highway Whitewall.....	21	P67				\$28.15
(5) 7.35-14/2Ply (4PR) Regular Highway Blackwall.....	27	P57				7.55
(5) 7.35-14/2Ply (4PR) Regular Highway Whitewall.....	26	P58				38.85
(5) 7.75-14/2Ply (4PR) Regular Highway Blackwall.....	36	P65				21.85
(5) 7.75-14/2Ply (4PR) Regular Highway Whitewall.....	32	P62				53.15
(5) 7.75-14/4Ply (4PR) Nylon Highway Blackwall.....	30	P60				38.25
(5) 7.75-14/4Ply (4PR) Nylon Highway Whitewall.....	31	P61				71.60
(5) 7.75-14/4Ply (8PR) Regular Highway Blackwall.....	33	T14				66.40
Replaces (5) 7.35-14/2Ply (4PR) Regular Highway Blackwall						
(5) 7.35-14/2Ply (4PR) Regular Highway Whitewall.....	26	P58				31.30
(5) 7.75-14/2Ply (4PR) Regular Highway Blackwall.....	36	P65				14.30
(5) 7.75-14/2Ply (4PR) Regular Highway Whitewall.....	32	P62				45.60
(5) 7.75-14/4Ply (4PR) Nylon Highway Blackwall.....	30	P60				30.70
(5) 7.75-14/4Ply (4PR) Nylon Highway Whitewall.....	31	P61				64.05
(5) 7.75-14/4Ply (8PR) Regular Highway Blackwall.....	33	T14				58.85
Replaces (5) 7.75-14/2Ply (4PR) Regular Highway Blackwall						
(5) 7.75-14/4Ply (4PR) Nylon Highway Blackwall.....	30	P60				16.40
(5) 7.75-14/4Ply (8PR) Regular Highway Blackwall.....	33	T14				44.55

◇ State and local taxes not included.

CHEVELLE POWER TEAMS

Engine, Transmission and Rear Axle Combinations

ENGINE				REAR AXLE RATIOS		
Option Number	Description	TRANSMISSION	MODELS	Standard	Optional	
				General Purpose	ORDER COL-CODE	Special Purpose or Mountain
Std on Series 131-133- 135-147	120-hp Hi-Thrift 194 6-Cylinder 194-cu-in displacement Single-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters	3-Speed	Sedans, Coupes and Convertibles	3.08:1	32-2	3.36:1
		3-Speed	Station Wagons	3.36:1		
		Powerglide	Sedans, Coupes and Convertibles	3.08:1		
		Powerglide	Station Wagons	3.36:1		
		Overdrive	All Models	3.70:1		
L26 on Series 131-133- 135-137	140-hp Turbo-Thrift 230 6-Cylinder 230-cu-in displacement Single-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters	3-Speed	Sedans, Coupes & Convertibles	3.08:1	32-2	3.36:1
		Powerglide	Sedans, Coupes & Convertibles	3.08:1		
		Overdrive	All Models	3.70:1		
		3-Speed Powerglide	Station Wagons	3.36:1		
Std on Series 132-134- 136-138	195-hp Turbo-Fire 283 8-Cylinder 283-cu-in displacement 2-barrel carburetor 9.25:1 compression ratio Hydraulic valve lifters	3-Speed 4-Speed	All Models	3.08:1	32-2	3.36:1
		Powerglide	All Models	3.08:1		
		Overdrive	All Models	3.70:1		
L77 on Series 132-134- 136-138	220-hp Turbo-Fire 283 8-Cylinder 283-cu-in displacement Regular camshaft 4-barrel carburetor 9.25:1 compression ratio Hydraulic valve lifters Dual exhaust	3-Speed 4-Speed	All Models	3.36:1		
		Powerglide	All Models	3.36:1		
		Overdrive	All Models	3.70:1		
L30 on Series 132-134- 136-138	250-hp Turbo-Fire 327 8-Cylinder 327-cu-in displacement Regular camshaft 4-barrel carburetor 10.5:1 compression ratio Hydraulic valve lifters Temp-controlled radiator fan	3-Speed 4-Speed	All Models	3.07:1		
		Powerglide	All Models	2.73:1		
L74 on Series 132-134- 136-138	300-hp Turbo-Fire 327 8-Cylinder 327-cu-in displacement Regular camshaft Large 4-barrel carburetor 10.5:1 compression ratio Hydraulic valve lifters Temp-controlled radiator fan	Powerglide	All Models	3.07:1		
		3-Speed 4-Speed	All Models	3.31:1		
L79 on Series 132-134- 136-138	350-hp Turbo-Fire 327 8-Cylinder 327-cu-in displacement Special camshaft Large 4-barrel carburetor 11.0:1 compression ratio Hydraulic valve lifters Temp-controlled radiator fan	3-Speed 4-Speed	All Models	3.31:1		

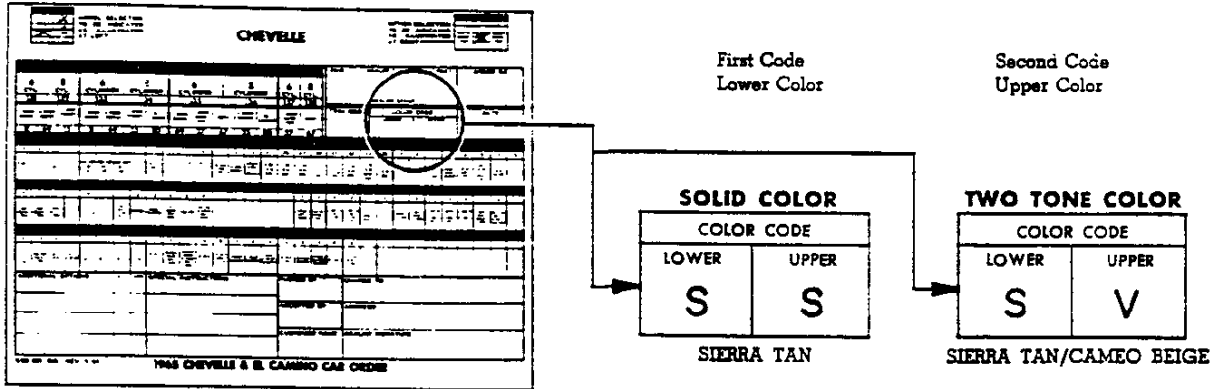
CHEVELLE POWER TEAMS

Engine, Transmission and Positraction Rear Axle Combinations

ENGINE		TRANSMISSION	MODELS	ORDER COL-CODE	REAR AXLE RATIOS	
Option Number	Description				General Purpose	Special Purpose or Mountain
Std on Series 131-133- 135-137	120-hp Hi-Thrift 194 6-Cylinder 194-cu-in displacement Single-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters	3-Speed	Sedans, Coupes and Convertibles	31-1 31-1/32-2	3.08:1	3.36:1
		3-Speed	Station Wagons	31-1	3.36:1	
		Powerglide	Sedans, Coupes and Convertibles		3.08:1	
		Powerglide	Station Wagons	31-1	3.36:1	
		Overdrive	All Models	31-1	3.70:1	
L26 on Series 131-133- 135-137	140-hp Turbo-Thrift 230 6-Cylinder 230-cu-in displacement Single-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters	3-Speed	Sedans, Coupes & Convertibles	31-1 31-1/32-2	3.08:1	3.36:1
		Powerglide	Sedans, Coupes & Convertibles	31-1	3.08:1	
		Overdrive	All Models	31-1	3.70:1	
		3-Speed Powerglide	Station Wagons	31-1	3.36:1	
Std on Series 132-134- 136-138	195-hp Turbo-Fire 283 8-Cylinder 283-cu-in displacement 2-barrel carburetor 9.25:1 compression ratio Hydraulic valve lifters	3-Speed 4-Speed	All Models	31-1 31-1/32-2	3.08:1	3.36:1
		Powerglide	All Models	31-1	3.08:1	
		Overdrive	All Models	31-1	3.70:1	
L77 on Series 132-134- 136-138	220-hp Turbo-Fire 283 8-Cylinder 283-cu-in displacement Regular camshaft 4-barrel carburetor 9.25:1 compression ratio Hydraulic valve lifters Dual exhaust	3-Speed 4-Speed	All Models	31-1	3.36:1	
		Powerglide	All Models	31-1	3.36:1	
		Overdrive	All Models	31-1	3.70:1	
L30 on Series 132-134- 136-138	250-hp Turbo-Fire 327 8-Cylinder 327-cu-in displacement Regular camshaft 4-barrel carburetor 10.5:1 compression ratio Hydraulic valve lifters Temp-controlled radiator fan	3-Speed 4-Speed	All Models	31-1	3.07:1	
		Powerglide	All Models	31-1	2.73:1	
L74 on Series 132-134- 136-138	300-hp Turbo-Fire 327 8-Cylinder 327-cu-in displacement Regular camshaft Large 4-barrel carburetor 10.5:1 compression ratio Hydraulic valve lifters Temp-controlled radiator fan	Powerglide	All Models	31-1	3.07:1	
		3-Speed 4-Speed	All Models	31-1	3.31:1	
L79 on Series 132-134- 136-138	350-hp Turbo-Fire 327 8-Cylinder 327-cu-in displacement Special camshaft Large 4-barrel carburetor 11.0:1 compression ratio Hydraulic valve lifters Temp-controlled radiator fan	3-Speed 4-Speed	All Models	31-1	3.31:1	

CHEVELLE

Important Information Concerning Ordering Interior Trim and Exterior Colors



<p>Explanation of Exterior Color Identification</p>	<p>All exterior paints are now identified by indicating lower body color and upper body color by alphabetical color codes.</p> <p>All color codes are double letters. The first code letter is the lower body color. The second code letter is the upper body color.</p> <p>For solid color the same code is used for both the lower color and the upper color (see sample above).</p>
<p>Explanation of Interior Trim Identification</p>	<p>Ordering codes remain single alphabetical letters (SEE CHART ON OPPOSITE PAGE).</p> <p>Trim option numbers are for invoicing only to denote color of trim.</p>

PLEASE GIVE SPECIAL ATTENTION TO THE FOLLOWING

SERIES	REMARKS
<p>MALIBU S.S.</p>	<p>White/Aqua trim: Carpet, instrument panel and lower portion of sidewall are Aqua. Steering wheel is Two-Tone Aqua and White</p> <p>White/Black trim: Carpet, instrument panel and lower portion of sidewall are Black. Steering wheel is Black.</p> <p>Slate/Gunmetal trim: Carpet, upper portion of instrument panel and lower portion of sidewall are Gunmetal. Steering wheel is Two-Tone Slate and Gunmetal.</p> <p>Convertible Top colors: Black-Beige-White. Each is available with all exteriors.</p> <p>Two-Tone color combinations except Willow Green/Ermine White may be obtained on Sport Coupe.</p> <p>Black Vinyl Roof Cover (RPO C08) available as an extra-cost option on Sport Coupe models.</p>
<p>MALIBU</p>	<p>Convertible Top colors: Black-Beige-White. Each is available with all exteriors.</p> <p>Willow Green/Ermine White, Glacier Gray/Tuxedo Black, and Crocus Yellow/Ermine White Two-Tones are not available.</p> <p>Glacier Gray, Evening Orchid and Crocus Yellow are not available.</p> <p>Red interior not available with Two-Tone exterior.</p> <p>Black Vinyl Roof Cover (RPO C08) available as an extra-cost option on Sport Coupe models.</p>
<p>300 DELUXE</p>	<p>Mist Blue/Ermine White, Willow Green/Ermine White, Glacier Gray/Tuxedo Black, and Crocus Yellow/Ermine White Two-Tones are not available.</p> <p>Glacier Gray, Evening Orchid and Crocus Yellow are not available.</p> <p>Red interior not available with Two-Tone exterior.</p>
<p>300</p>	<p>Mist Blue/Ermine White, Willow Green/Ermine White, Glacier Gray/Tuxedo Black, and Crocus Yellow/Ermine White Two-Tones are not available.</p> <p>Glacier Gray, Evening Orchid and Crocus Yellow are not available.</p> <p>Red interior not available with Two-Tone exterior.</p> <p>Optional Fawn Vinyl interior available on Sedans only at extra cost.</p>

CHEVELLE COLOR & TRIM CHART

INTERIOR TRIM CODES			EXTERIOR COLORS																								
The following code must be shown on the order form for the desired interior trim.			Solid										Two-Tone														
			Tuxedo Black	Ermine White	Glacier Grey	Madeira Maroon	Regal Red	Sierra Tan	Cameo Beige	Crocus Yellow	Willow Green (Med)	Cypress Green (Dk)	Artesian Turquoise (Med)	Tahitian Turquoise (Dk)	Mist Blue (Med)	Danube Blue (Dk)	Evening Orchid	Cameo Beige/Madeira Maroon	Sierra Tan/Cameo Beige	Cypress Green/Cameo Beige	Mist Blue/Ermine White	Crocus Yellow/Ermine White	Ermine White/Artesian Turq	Tahitian Turq/Artesian Turq	Glacier Grny/Tuxedo Black		
MODELS	Exterior Int. Trim & RPO Code	AA	CC	WW	NN	RR	SS	VV	YY	HH	JJ	KK	LL	DD	EE	PP	VN	SV	IV	DC	YC	CK	LK	WA			
MALIBU S.S. Convertibles 13767-13867 Sport Coupes 13737-13837	V I N Y L	Fawn	770	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F							
		White/Aqua	788	H	H							H	H										H	H			
		White/Black	782	S	S	S	S	S		S	S		S	S	S	S							S				
		Red	786	D	D		D	D		D																	
		Blue	741	B	B											B	B						B				
		Saddle	710	C	C		C	C	C		C									C	C						
		Black	714	E	E	E	E	E	E	E	E	E	E	E	E	E	E							E			E
		Slate/Gunmetal	789	Y	Y	Y											Y										Y
MALIBU Sport Coupes 13537-13637 4-Door Sedans 13569-13669	C L O T H	Fawn	753	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F							
		Aqua	750	A	A							A	A										A	A			
		Red	772	D	D		D	D	D																		
		Blue	739	B	B											B	B						B				
		Saddle	707	C	C		C	C	C		C									C	C						
Convertibles 13567-13667 4-Door 2-Seat Station Wagons 13535-13635	V I N Y L	Fawn	766	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F							
		Aqua	753	A	A							A	A										A	A			
		Red	774	D	D		D	D	D																		
		Blue	742	B	B											B	B						B				
		Saddle	709	C	C		C	C	C		C									C	C						
300 DE LUXE All Models	C L O T H	Fawn	762	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F							
		Aqua	749	A	A							A	A										A	A			
		Red	778	D	D		D	D	D																		
300 SERIES 2-Door Sedans 13111-13211 4-Door Sedans 13169-13269	C L O T H	Fawn	764	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F							
		Aqua	751	A	A							A	A										A	A			
		Red	780	D	D		D	D	D																		
		Fawn Vinyl (Optional)	759	V	V		V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V					
2-Door 2-Seat Station Wagons 13115-13215	V I N Y L	Fawn	765	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F							
		Aqua	755	A	A							A	A										A	A			
		Red	781	D	D		D	D	D																		

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Chevrolet Chevelle Chevy II

1965

ENGINEERING
FEATURES



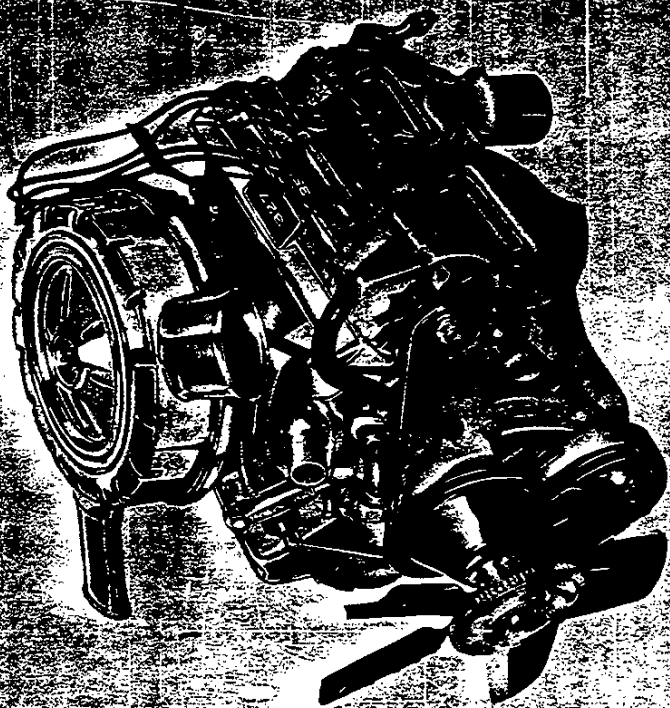
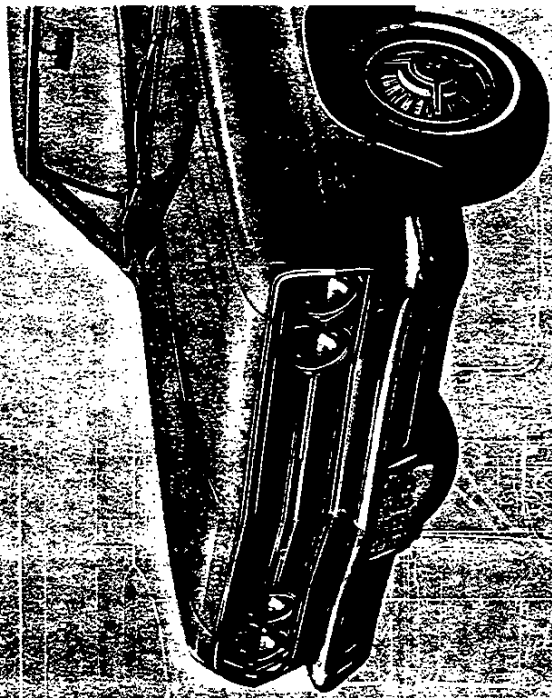
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CHEVELLE

	2-Door Sedan	4-Door Sedan	2-Door Sport Coupe	2-Door Convertible	2-Door Station Wagon	4-Door Station Wagon
MALIBU SS			13737-837	13767-867		
MALIBU		13569-889	13537-637	13567-667		13935-635
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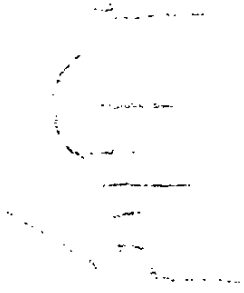


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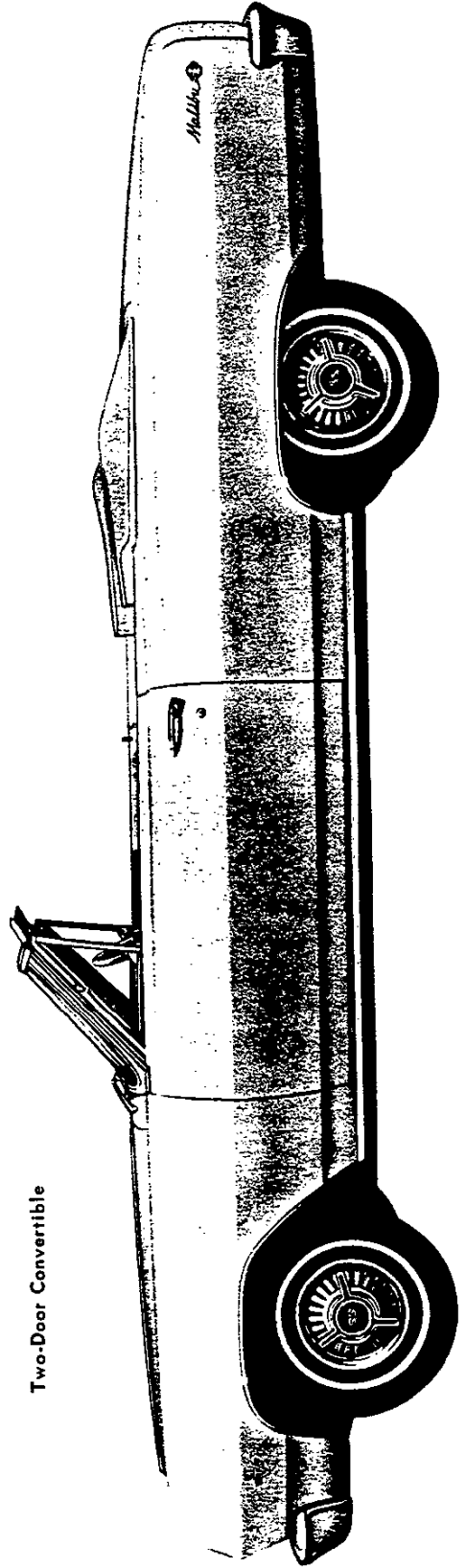
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series and models



Two-Door Convertible





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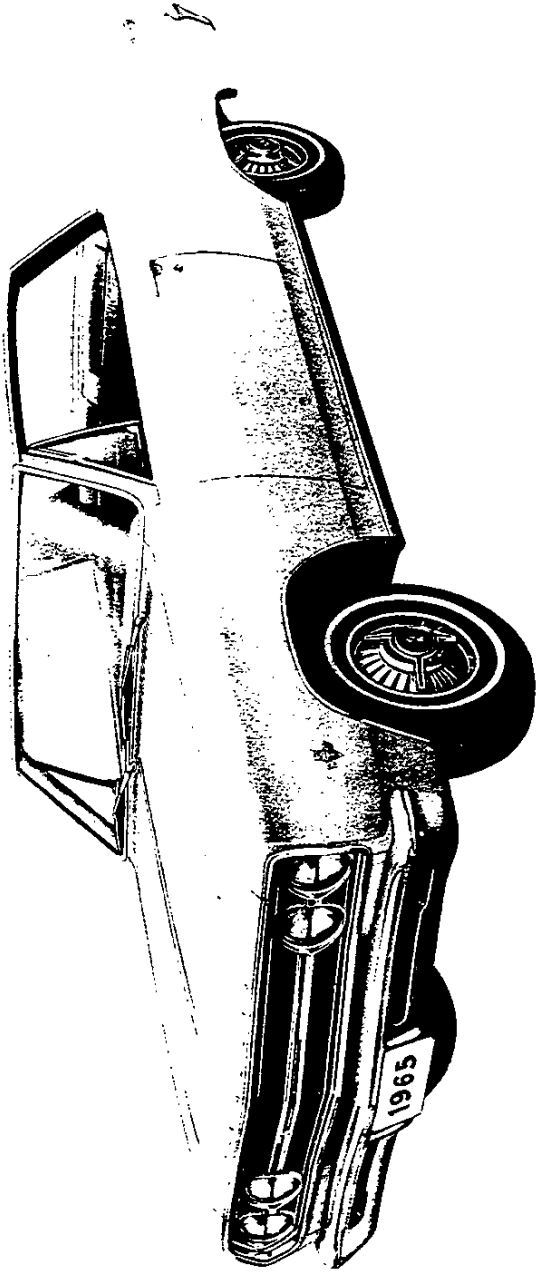
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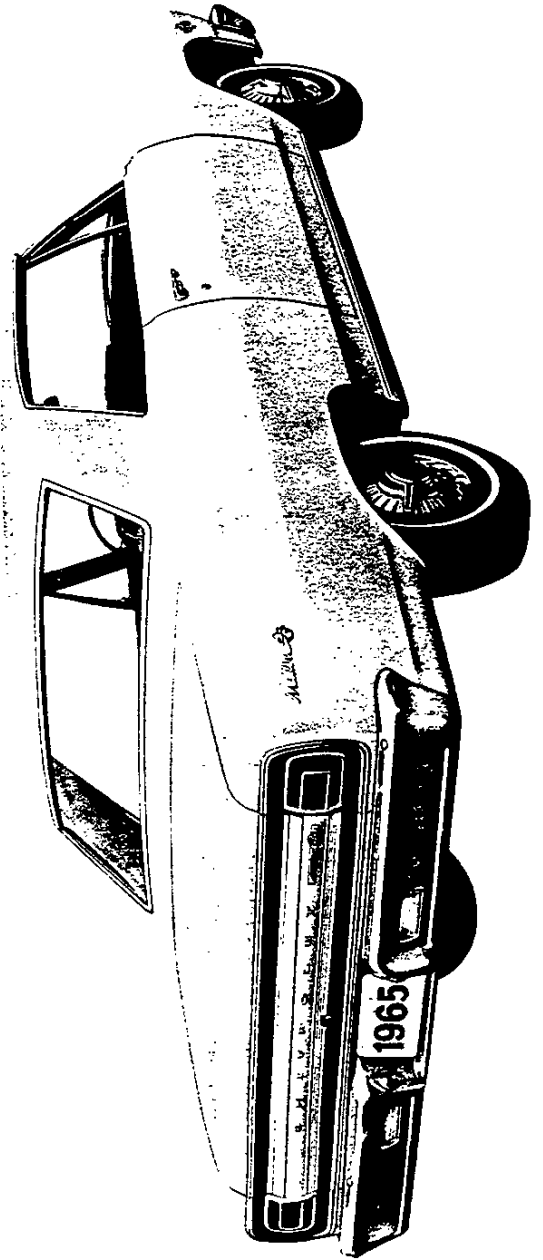


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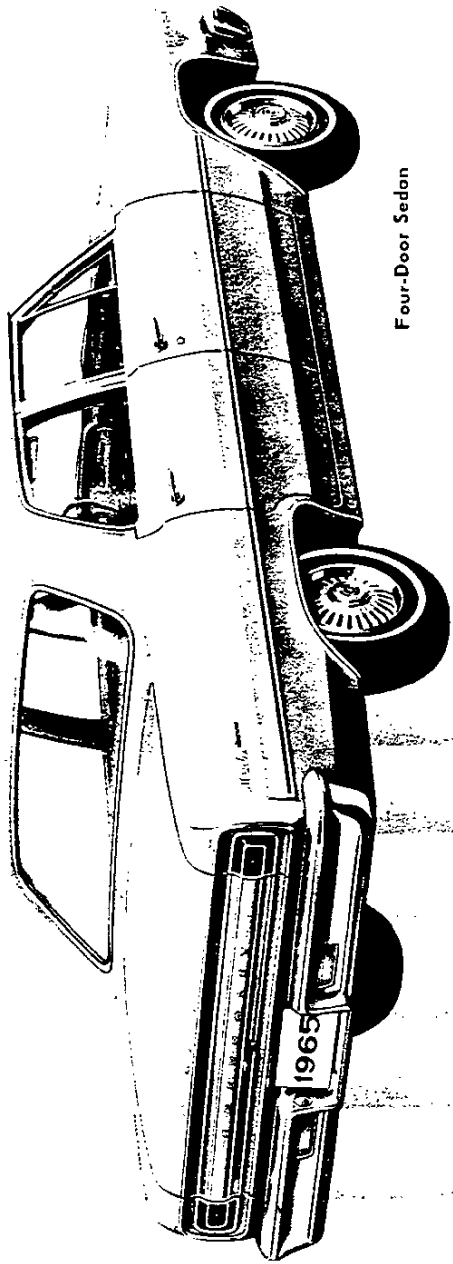


MALIBU SS

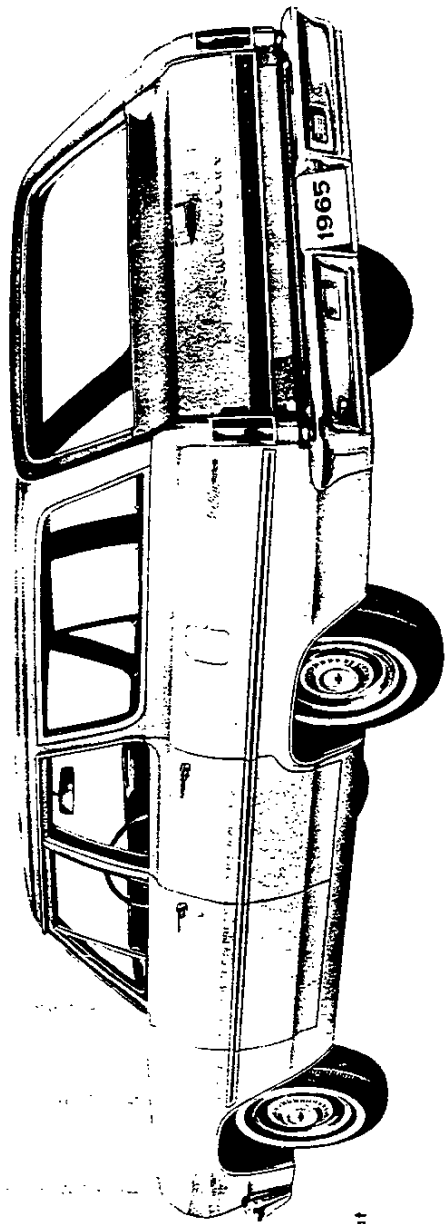
Two-Door Sport Coupe







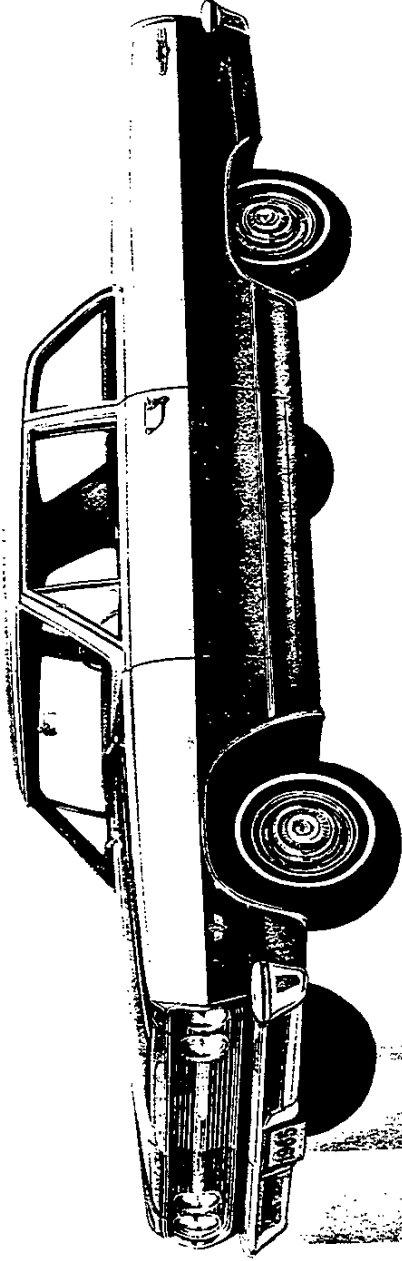
Four-Door Sedan



Four-Door Station Wagon, 2-Seat

FORD

CHEVELLE

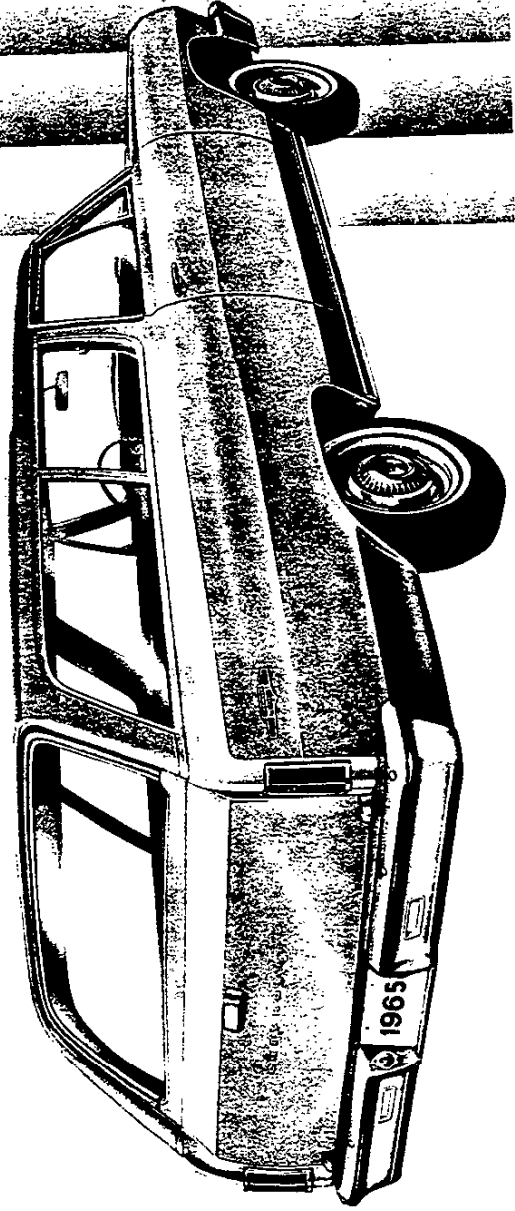


Two-Door Sedan

CHEVELLE 300 DELUXE

CHEVELLE 300

Two-Door Station Wagon, 2-Seat





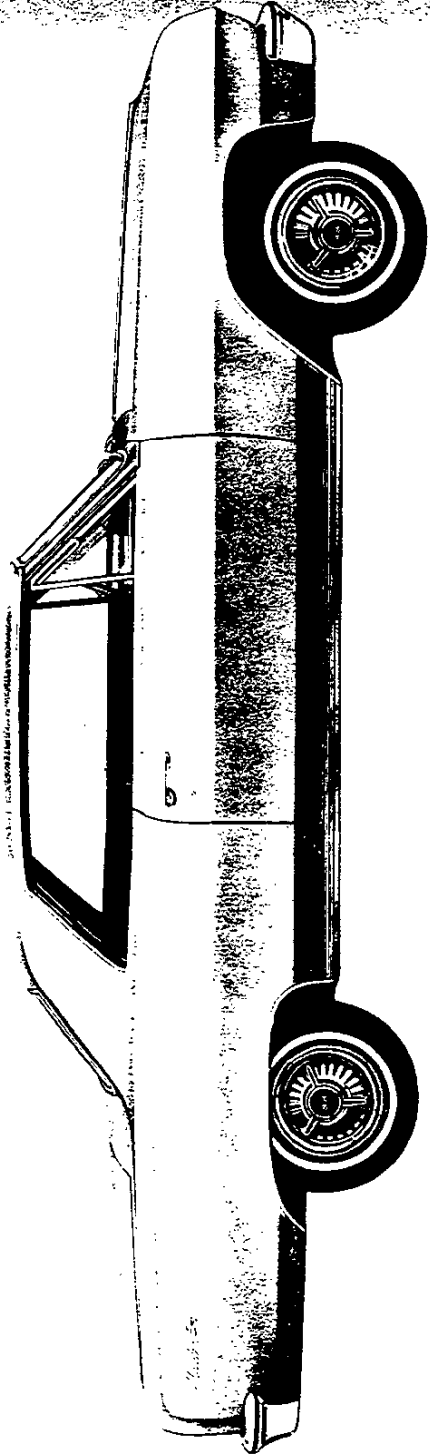
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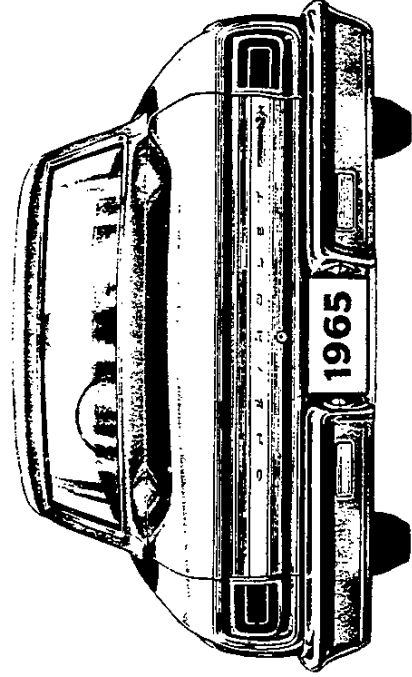
series identification



Front and rear wheel opening moldings and a new still molding decorate the Super Sport profile. Wheel trim covers are standard equipment.

A new appearance feature available only on Super Sport models is the addition of a flat black paint treatment to the anodized aluminum grille.

Rear cove styling is enhanced by two bright ribbed moldings. The area between these moldings and the cove perimeter molding is painted silver with a black vehicle exterior, satin black for all other exterior colors. Additional cove trim includes the SS series emblem and "Chevrolet" in bright letters. New tail lamps for the Chevelle line are larger for increased visibility, and back-up lamps are located inboard on the rear bumper.



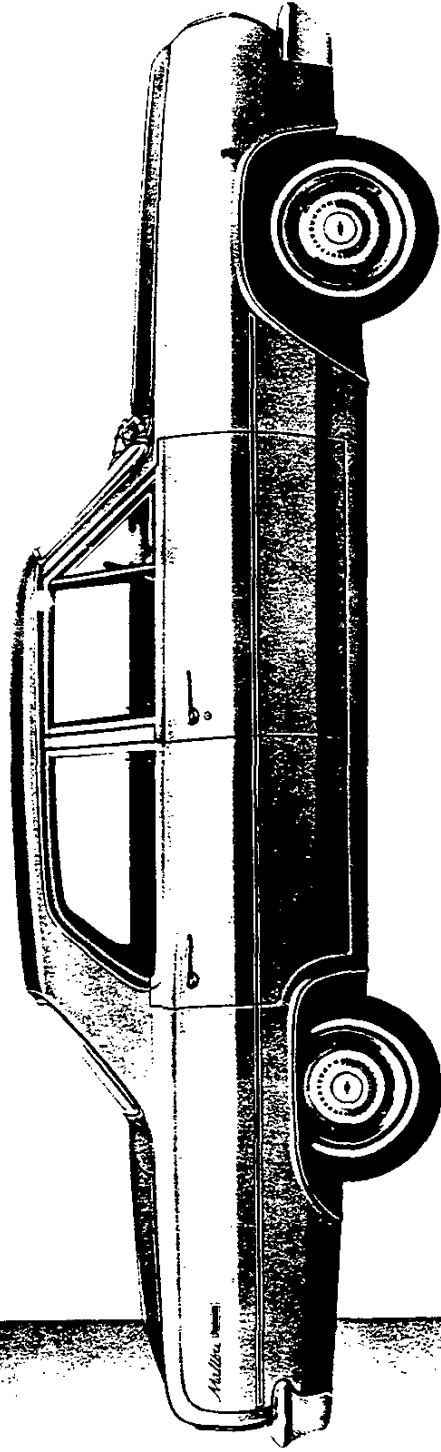


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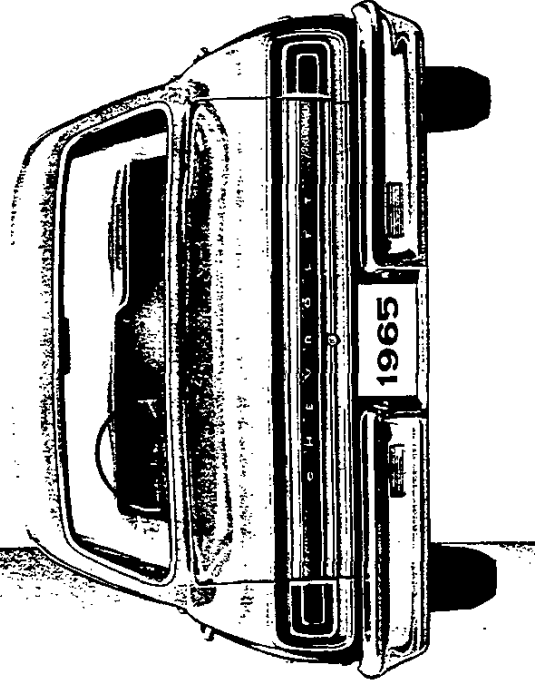
CHEVELLE



MALIBU

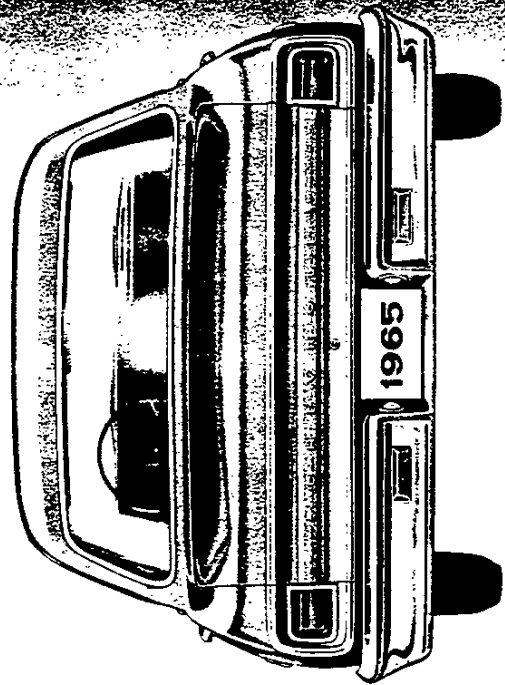
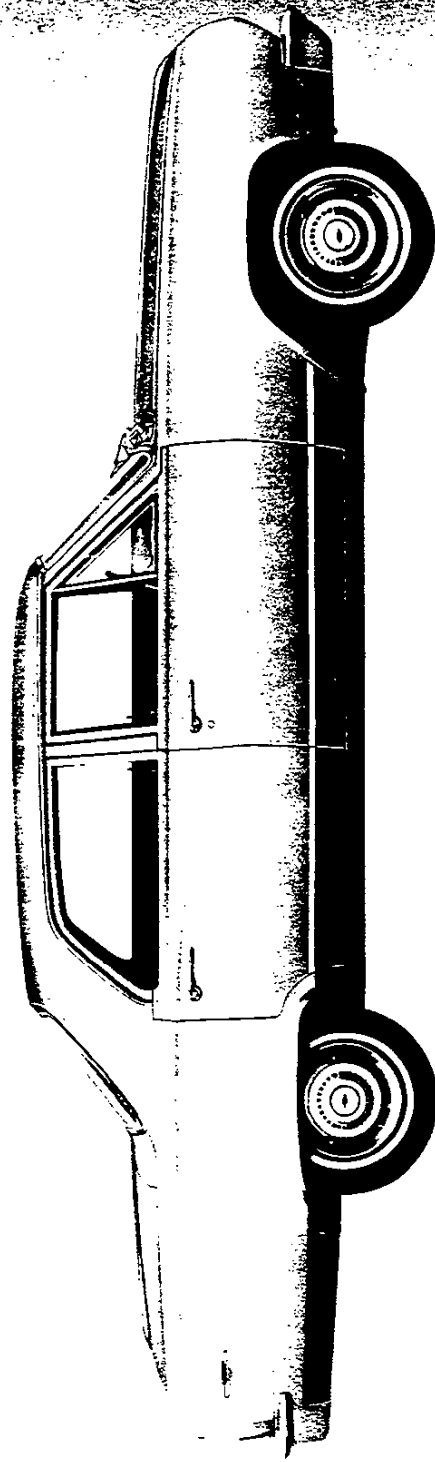
Body trim features front and rear wheel opening moldings and a paint filled side molding. The paint fill is white for the black exterior and black for all other body colors.

Except for the absence of a series emblem and black paint in the cove area, rear trim for the Malibu is identical with that of the Super Sport series. The Malibu Station Wagon rear view features a ribbed molding that extends the width of the tailgate and the word "Chevrolet" in block letters. Station wagon tail lamps have subtle styling refinements.



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1965 CHEVROLET MALIBU

A wide molding, placed low on the vehicle side, and a new series nameplate on the quarter panel identify the Chevelle 300 Deluxe series. Rear end treatment for sedan models includes the newly styled tail lamps and "Chevrolet" in block letters. As in the Malibu SS and Malibu series, the rear cove area is framed by a bright perimeter molding. "Chevrolet" in bright letters is located on the 300 Deluxe Station Wagon tailgate.



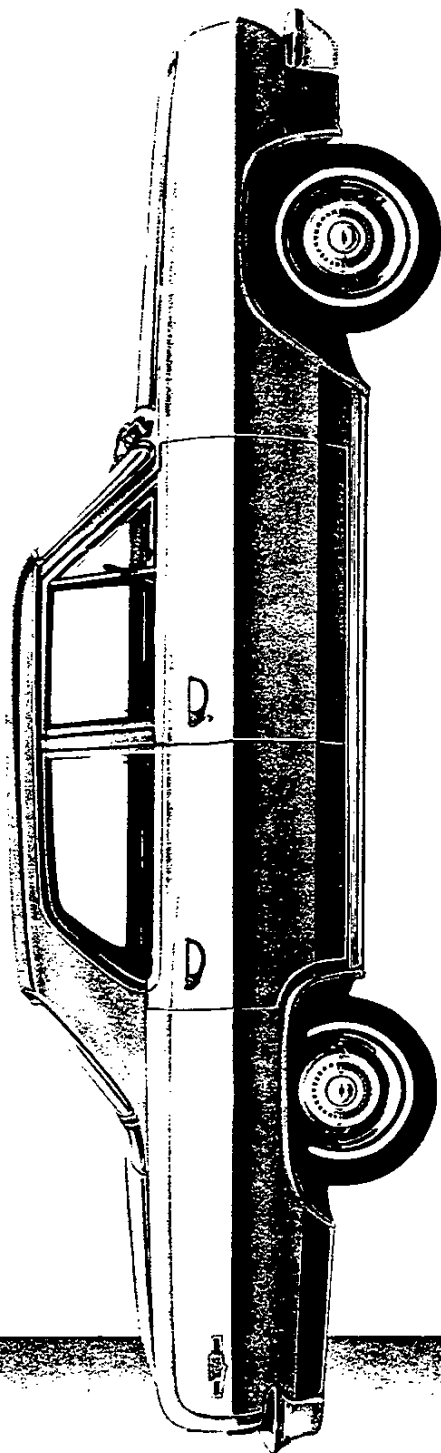
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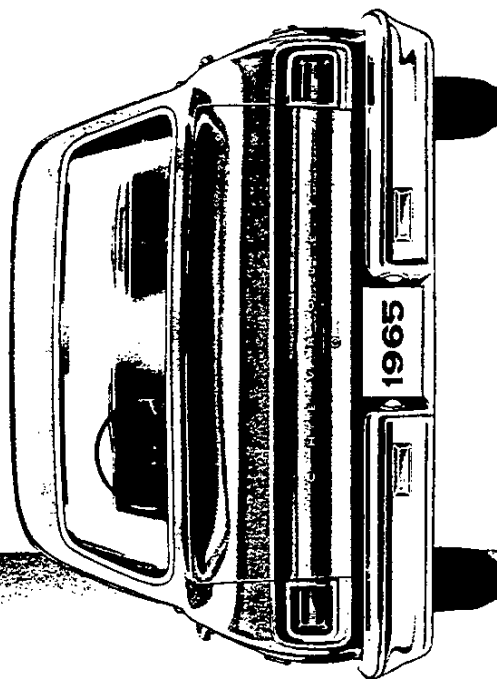
CHEVELLE



CHEVELLE 300

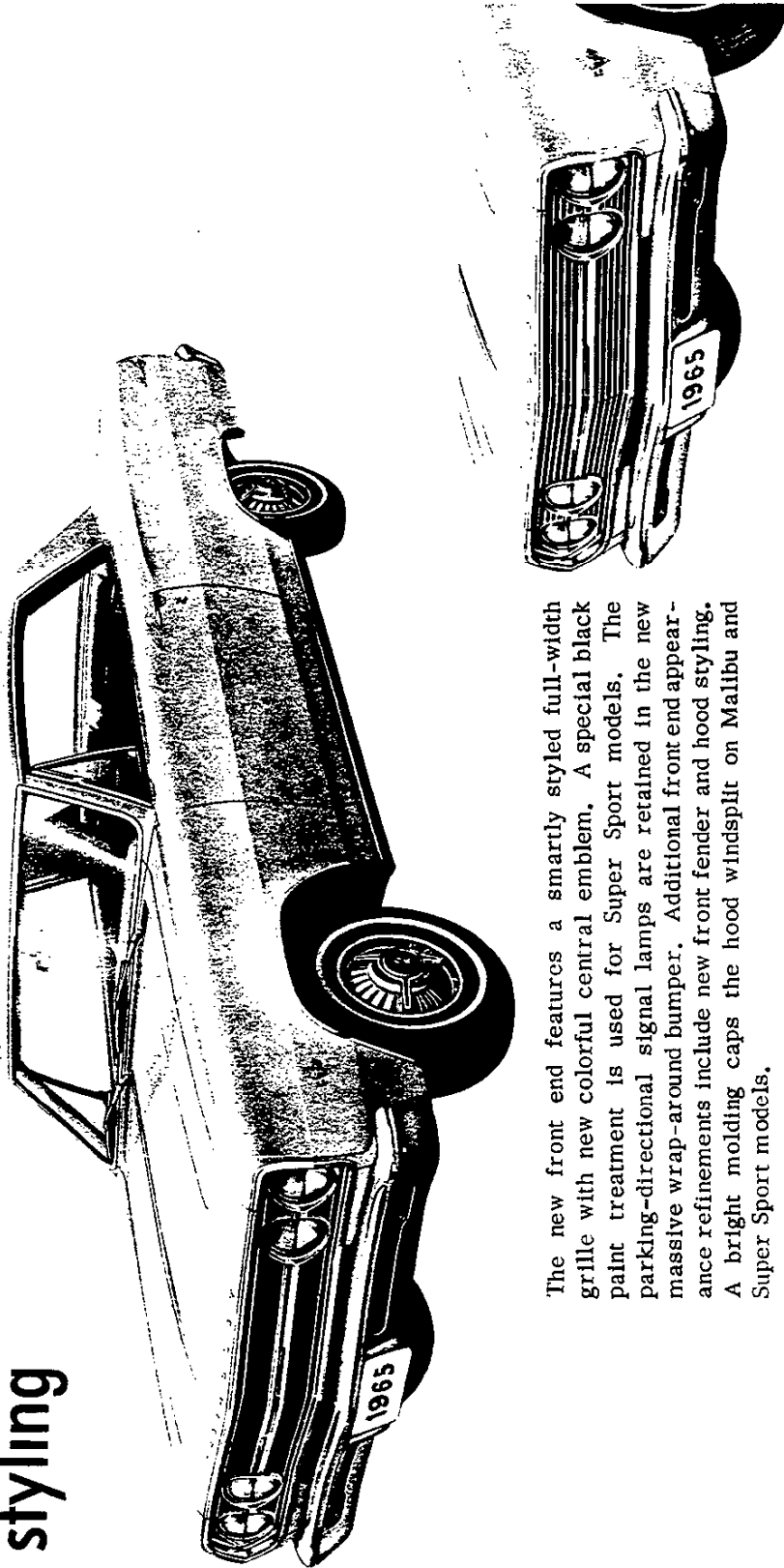
Sill molding and new rear quarter nameplate provide body side ornamentation for the new Chevelle economy series. As on all Chevelle models, "Chevrolet" in block letters is displayed across the center of the rear cove. Rear end treatment for the Chevelle 300 and 300 Deluxe station wagons is identical.

An extra-cost trim package for the Chevelle 300 series includes roof drip gutter molding, rear cover perimeter moldings, wheel trim covers and the Chevelle 300 Deluxe steering wheel with horn ring.

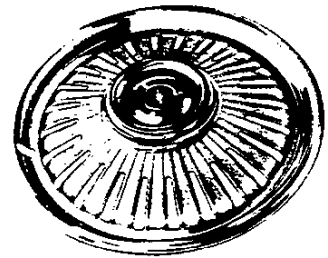
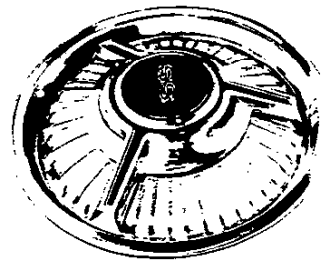


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styling



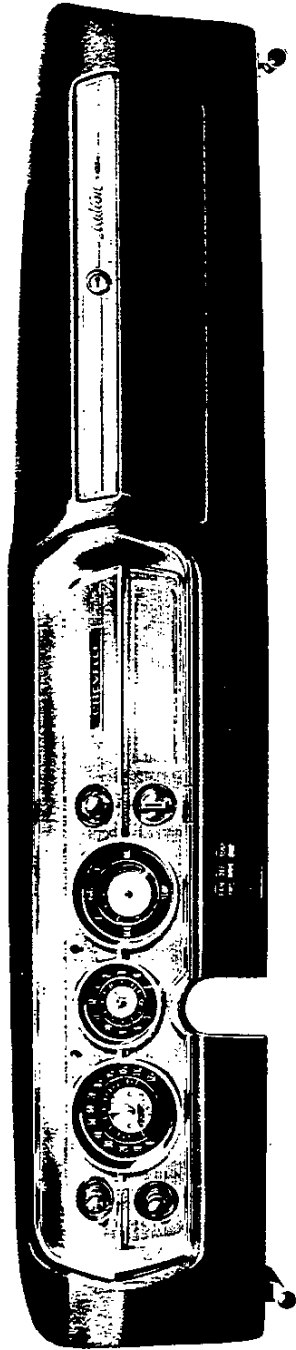
The new front end features a smartly styled full-width grille with new colorful central emblem. A special black paint treatment is used for Super Sport models. The parking-directional signal lamps are retained in the new massive wrap-around bumper. Additional front end appearance refinements include new front fender and hood styling. A bright molding caps the hood windsplit on Malibu and Super Sport models.



A bright die cast ornament, with black and red color accents, decorates the new Malibu Super Sport wheel trim cover. The accessory wheel trim cover has an attractive center emblem displaying the Chevrolet trademark. The ribbed area, common to both Super Sport and accessory trim covers, is accented with silver paint. Hub caps are continued unchanged from 1964.

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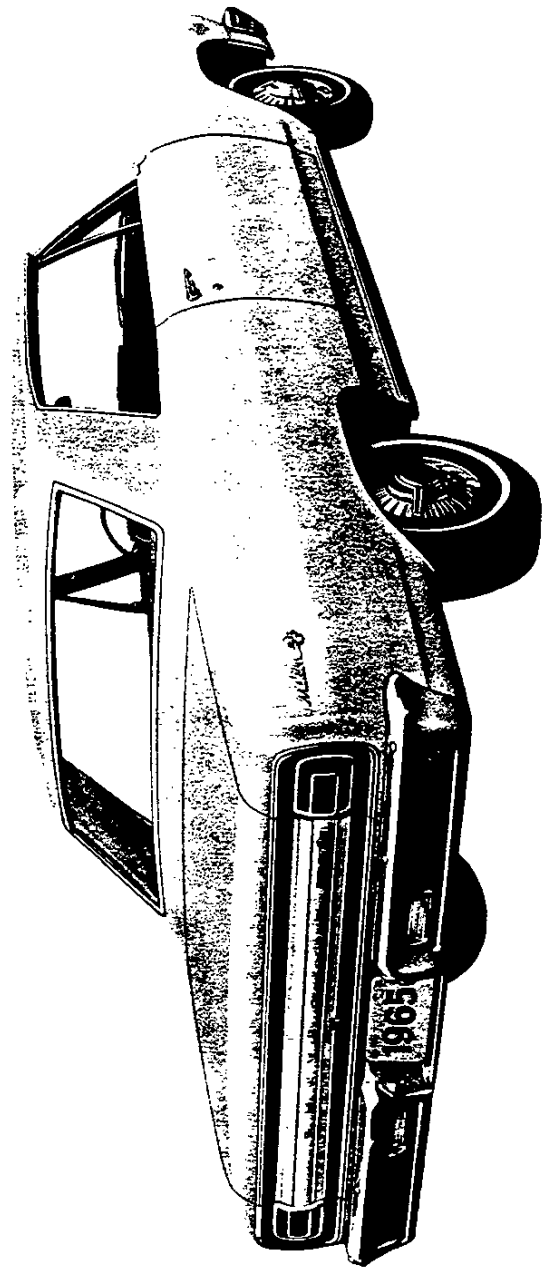
CHEVELLE



Instrument panel styling is continued with subtle refinements for improved passenger comfort and appearance. The instrument panel has a two-tone color treatment with the upper portion a dark tone non-reflective paint to reduce glare. Instrument cluster styling features a new trim plate with instruments mounted in deep bezels further reducing glare.

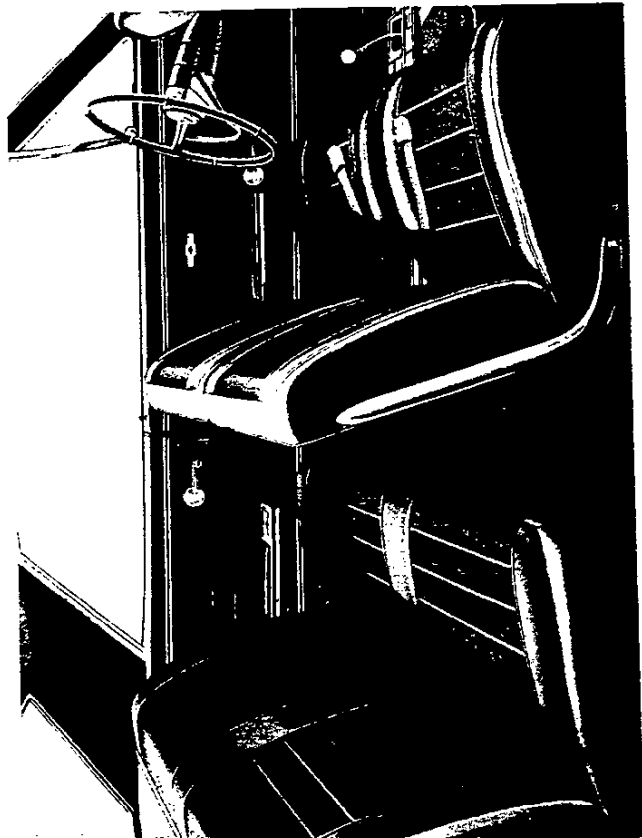
For Malibu and Super Sport models, the glove box door trim plate is newly styled and the electric clock is equipped with a sweep second hand. This clock is optional equipment for the Chevelle 300 and Chevelle 300 Deluxe series.

As in 1964, Super Sport models receive full instrumentation with oil pressure and water temperature gauges and ammeter replacing the warning lights used on other Chevelle models.





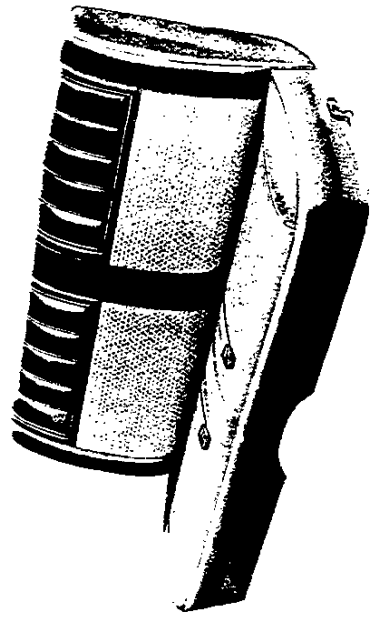
interiors



MALIBU SS

Front bucket seats, standard equipment for Super Sport models, are upholstered with textured vinyl. Except for seats trimmed in black and white, cushion and backrest panels are a darker color tone than the bolsters and facings. Pleated seat panels and bright inner and outer backrest moldings complete the SS seat trim.

Sidewall trim is deeply embossed vinyl with a bright die cast emblem. Floor covering is deep twist carpet. Eight interior color combinations are available. Custom deluxe seat belts are shown with the Super Sport, Malibu, and Chevelle 300 Deluxe interiors.



MALIBU

Seat trim for the Malibu Sedan and Sport Coupe combines body cloth, with a minute diamond pattern, and backrest bolsters of deeply embossed vinyl. The Malibu Convertible and Station Wagon have all vinyl interiors. The Convertible uses the same two-tone seat trim as the Super Sport. Station Wagon seats are upholstered with a corduroy pattern vinyl and textured vinyl bolsters. Malibu sidewall styling is shared with the Super Sport series. Floor covering is deep-twist carpet. Five interior colors are offered.

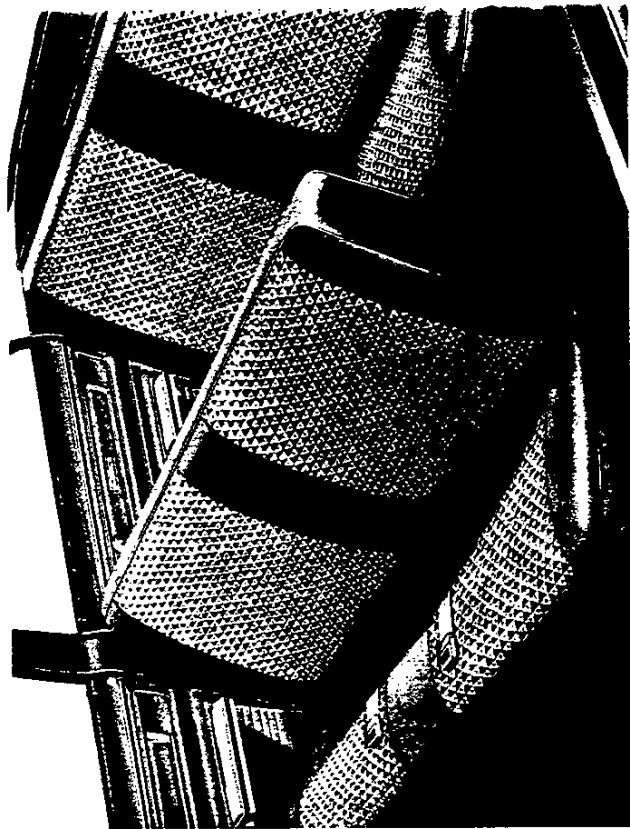


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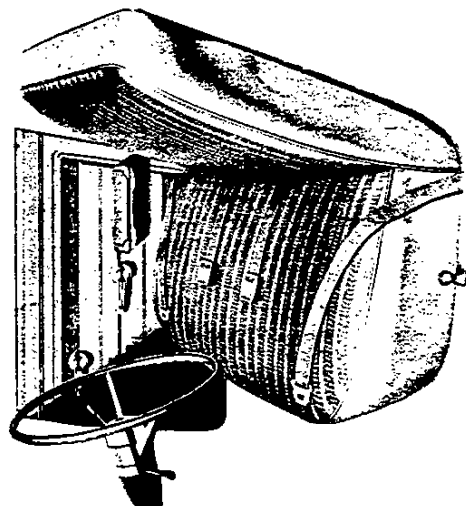
CHEVELLE



CHEVELLE 300 DELUXE

Seat trim consists of pattern body cloth carrying a small triangular design and textured vinyl center and side bolsters. Seat facings are also vinyl.

The ribbed vinyl sidewall features a bright emblem and, as standard equipment, front and rear armrests with bright bases. Floor covering is vinyl spatter coated rubber, color keyed to the three interior colors.



CHEVELLE 300

A two-tone striped body cloth and grained vinyl facings decorate the two sedan interiors. The Station Wagon interior is trimmed with an attractively ribbed pattern vinyl. The embossed vinyl sidewall panel is peculiar to the Chevelle 300 series.

Interiors are available in three colors. Floor mats are vinyl coated rubber.

body and chassis

Front fenders, hood, grille and front bumper are new to effect the new front end appearance for 1965 Chevelle models. Basic structure is unchanged from 1964 models.

Changes in the body, as well as chassis, provide better road isolation resulting in an improved Chevelle ride. These body changes include the use of rubber mounts at the radiator support panel and the addition of insulation materials.

Major exterior dimensional changes for 1965 Chevilles are manifested in longer, lower vehicle silhouettes. Overall length is increased 2.7 inches and overall height is lowered up to 1.3 inches.

All of the length increase can be attributed to the newly styled front bumper. To achieve the new appearance, hood, grille and front bumper are restyled, with a forward rake at the vehicle centerline. As indicated on the chart, the front overhang dimension is increased 2.7 inches, while rear overhang remains the same as for previous models.

New softer front and rear springs permit the car to be lowered 1.3 inches. Net result of the length increase and lower body height is a longer, lower, more pleasing profile silhouette.

Spacious passenger accommodations are continued with no change of interior dimensions.

As on the Chevrolet, the radiator support panel is "soft" mounted for better road isolation. Steel shims are replaced with rubber biscuits at forward ends of the frame. When the radiator mount bolts are

EXTERIOR DIMENSIONS Four-Door Sedan (Inches)

Length	196.6
Width	74.6
Height	53.2
Wheelbase	115.0
Tread	58.0 58.0
Overhang	33.5 48.1
Ground Clearance	4.9

tightened, the support panel is supported in compression between two rubber "pucks" on each forward end of the frame. The rear portion of the front end sheet metal continues to be attached to the body in the cowl and dash panel areas.

Thicker jute used under the front floor mat and asphalt mastic sheeting over the entire passenger compartment floor continues in use from mid-season 1964 for Malibu and Malibu SS models. Jute backing for front floor mats is increased to .75 from .5 inches for increased sound isolation.

Chassis changes contributing to the softer, quieter ride for 1965 Chevelle models are new, larger rear suspension upper control bushings that provide improved

isolation. Spring rates, front and rear, have been lowered to further add to ride properties.

Backup lamps are flush-mounted in the bumper for protection, much like the front parking lamps.

A new two key locking system is used for greater protection against vehicle theft. One key is used for ignition switch and doors, while the second key operates the glove and trunk compartments. Station wagon models use the ignition key for tailgate locks. Ignition lock identification is "ACC," "OFF," "ON" and "START." The key is removed only from the "OFF" (locked) position which is centered vertically on the lock.

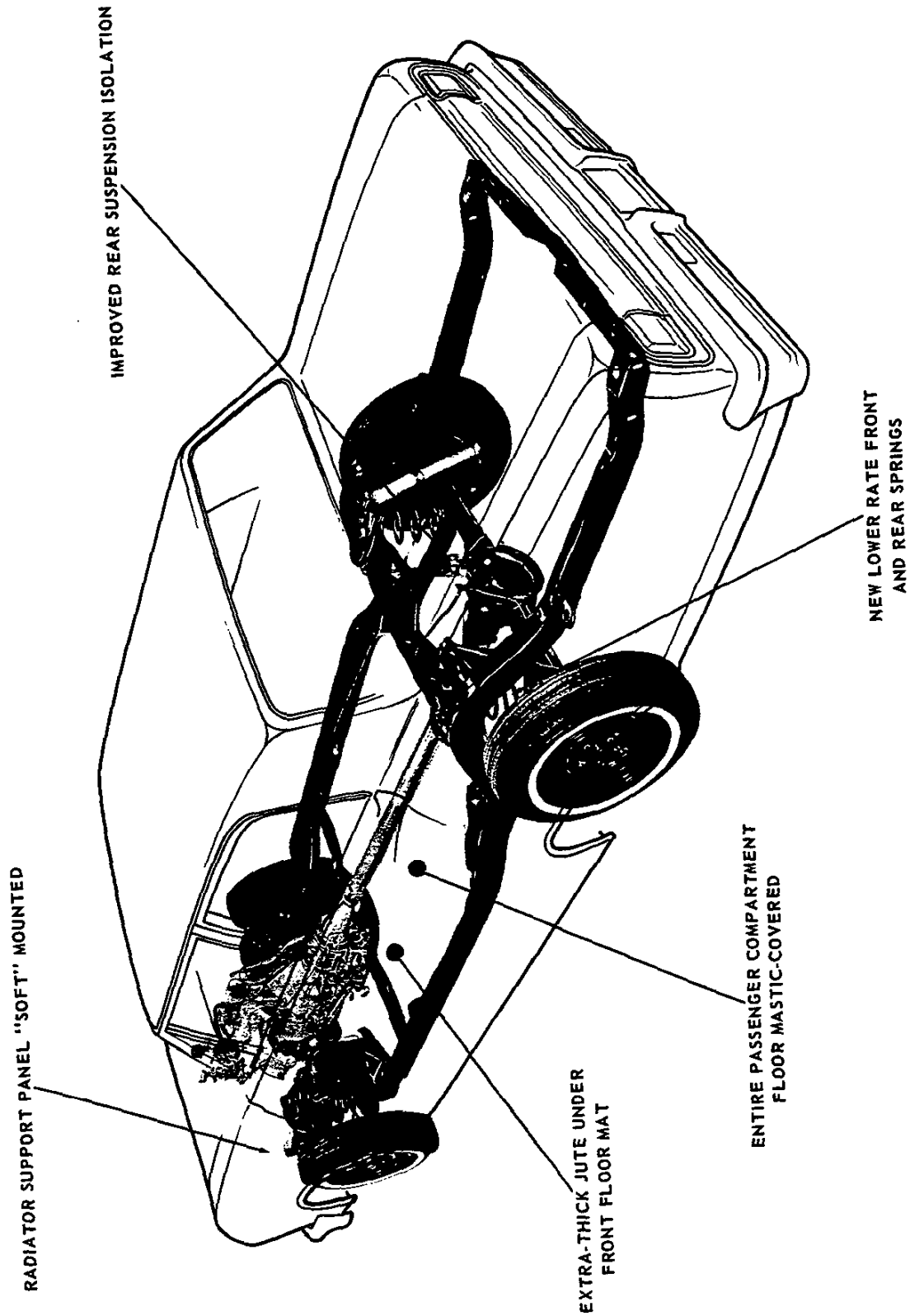


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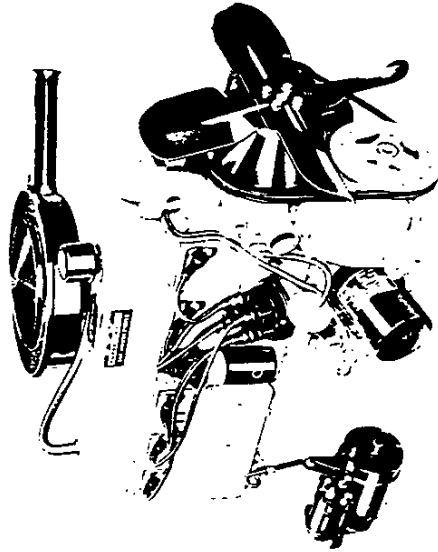
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POWER RANGE

DESCRIPTION	APPLICATION	OPERATING PRESSURE	MAXIMUM PRESSURE
Hi-Thrust 194 120 HP 6-Cyl. 194 Cubic Inch	High speed propellers	1000 psi	1500 psi
Turbo-Thrust 230 140 HP 6-Cyl. 230 Cubic Inch	High speed propellers	1000 psi	1500 psi
Turbo-Fire 283 198 HP V-8 283 Cubic Inch	High speed propellers	1000 psi	1500 psi
Turbo-Fire 327 250 HP V-8 327 Cubic Inch	High speed propellers	1000 psi	1500 psi
Turbo-Fire 327 300 HP V-8 327 Cubic Inch	High speed propellers	1000 psi	1500 psi
Turbo-Fire 327 388 HP V-8 327 Cubic Inch	High speed propellers	1000 psi	1500 psi

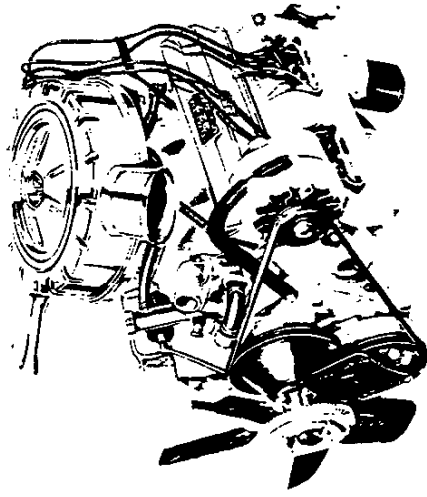
CHEVELLÉ



OPTIONAL
TURBO DIESEL
3-CYCLINDER

Power trains for the Chevelle line number six engines in eighteen combinations, when teamed with the various transmissions offered. Of special interest is the addition of a new optional 327 cubic inch displacement engine, rated at 350 horsepower. Base engines continue to be the 194 cubic inch 6-cylinder and 283 cubic inch V-8 with 2-barrel carburetor.

The base 6-cylinder engine utilizes revised valve springs and a new camshaft, featuring increased valve train durability and quieter operation. A 230 cubic inch six cylinder engine, rated at 140 horsepower, is available as an extra-cost option, replacing the 155 horsepower six offered in 1964. This new engine is the same as the base equipment L-6 engine provided on the full-size Chevrolet, and it features the new camshaft and valve springs used with the 194 cubic inch base Chevelle engine. Increased cylinder head cooling, at center



OPTIONAL
TURBO DIESEL

exhaust ports, coupled with new cylinder head gaskets improve head-to-block sealing for the 6-cylinder engines.

In addition to the 250 and 300 horsepower 327 cubic inch displacement V-8 engines introduced during mid-season 1964, a new 327 cubic inch V-8, rated at 350 horsepower, is available as a Regular Production Option. This new engine will have the same components as the 365 horsepower, 327 cubic inch V-8 offered for Corvette in 1964, except for a new high lift camshaft with hydraulic valve lifters, chrome plated rocker covers, chrome plated air cleaner with dual air horns, four quart oil pan, and exhaust manifolds with rear outlet. The 283 cubic inch V-8 option with 4-barrel carburetor is no longer offered.

The 250 horsepower 327 cubic inch V-8 engine is equipped with a large diameter single exhaust system and new cylinder heads. Two inch diameter exhaust pipes

extend from each manifold to a junction with a single 2-1/2 inch diameter exhaust pipe extension to the muffler. New cylinder heads for the 250 horsepower V-8 feature larger inlet and exhaust ports with larger diameter inlet valves. The exhaust system is designed to reduce replacement costs and, coupled with the new cylinder heads, maintain output ratings.

The 300 and 350 horsepower engines are equipped with dual 2-1/2 inch exhaust systems with exhaust pipe ends necked down to fit the 2-inch diameter exhaust manifold outlets. This dual system is available as an option for the 250 horsepower V-8 engine.

Increased air cleaner life for all V-8 engines is achieved through use of new oil-wetted paper element air cleaners. New, more durable, oil dipstick gauges for all engines provide a positive seal with the engine dipstick tube, to prevent abrasive contaminants from entering the oil pan.

AMA Specifications – Passenger Car

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown below. This uniform specification form was developed by the automobile manufacturing companies under the auspices of the Automobile Manufacturers Association.

MANUFACTURER Chevrolet Motor Division General Motors Corporation	CAR NAME CHEVELLE RPO Z15 Optional 396 cu. in. 8-cylinder				
MAILING ADDRESS Chevrolet Engineering Center 30003 Van Dyke, Warren, Michigan 48090	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">MODEL YEAR 1965</td> <td style="width: 50%;">ISSUED: 2-22-65</td> </tr> <tr> <td colspan="2">REVISED (a)</td> </tr> </table>	MODEL YEAR 1965	ISSUED: 2-22-65	REVISED (a)	
MODEL YEAR 1965	ISSUED: 2-22-65				
REVISED (a)					

NOTES:

1. The Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. **UNLESS OTHERWISE INDICATED:**
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.

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Electrical 10	Front Suspension & Steering . . . 19		

BODY—TYPES AND STYLE NAMES—	Body type, number of passenger & style names; use manufacturer's code for series & body style.
<p style="text-align: right; margin-right: 100px;">RPO Z15 Optional 396 cu. in. <u>8-cylinder</u></p> <p>MALIBU SUPER SPORT</p> <p style="margin-left: 40px;">2-Door Sport Coupe, 4-Pass.</p>	<p>13837</p>

Facts about the 1965 Chevelle



General specifications same as 1965 Chevelle "Malibu SS" Coupe - except:

<u>ENGINE</u>	Turbo-Jet 396 cu.in. 375 hp at 5600 RPM; 420 lbs-ft torque at 3600 RPM. Comp. ratio 11:1. One 4-barrel carburetor.
<u>TRANSMISSION</u>	4-speed, 2.56:1 low gear. Synchronized all forward gears.
<u>REAR AXLE</u>	Heavy-duty; has 8-7/8" ring gear, 3.31:1 ratio.
<u>BRAKES</u>	Chevrolet 11", power-assisted.
<u>SUSPENSION</u>	Heavy-duty. Includes 1.06" front stabilizer, cast-steel wheel hubs, shot-peened ball studs. 4-link rear, stabilizer between lower control arms, higher rate springs, re-calibrated shock absorbers.
<u>STEERING</u>	Fast, 15:1 ratio, power-assisted.
<u>WHEEL & TIRES</u>	Wheels 14 x 6.0", wide base, high strength. Tires, high performance; 7.75 x 14, improved nylon cord construction, gold stripe.
<u>FRAME</u>	Stronger. Reinforced convertible frame used, 2 added body mounts.
<u>BODY</u>	Bucket front seats, 4 seat belts, 160 mph speedometer, tachometer, panel-mounted clock, padded instrument panel, special emblems, stereo radio, vinyl roof cover.
<u>GENERAL</u>	Larger radiator, 61 ampere-hour battery, high-torque starter motor, simulated magnesium wheel covers, comfort-tilt, sports-style steering wheel, power windows, tinted glass, bumper guards, spare wheel lock.

--- --- ---

Other general specifications, same as standard Chevelle SS Coupe:

Wheelbase	115.0"
Tread - front	58.0"
- rear	58.0"
Overall length	196.6"
width	74.6"
height	52.8"
Shipping weight	3565 lbs.

AMA Specifications — Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED(e)

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL	13837	Additional Information Page No.:	396 Cu. In. V-8 Engine 375 HP
Wheelbase (L101)		23	115.0
Tread	Front (W101)	22	58.0
	Rear (W102)	22	58.0
Maximum Overall Dimensions	Length (L103)	23	196.6
	Width (W103)	22	74.6
	Height (H101)	24	Sp. Coupe
Transmission (Specify trade name - opt., not available)	Manual	15	Synchro-Mesh, 4-Speed Required
	Overdrive	16	N. A.
	Automatic	16	N. A.
Axle ratio	Manual	17	N. A.
	Overdrive	17	N. A.
	Automatic	17	N. A.
Tire size		18	7.75 x 14
Engine	Type, no. cyl., valve arr.	2	90° OHV V-8
	Fuel system (Carb., other)	8	Carburetor
	Bore and stroke	2	4.09 x 3.76
	Piston displ., cu.in.	2	396 Cu. In.
	Std. compression ratio	2	11.0:1
	Max. bhp at engine rpm	2	375 @ 5600
	Max. torque at rpm	2	420 @ 3600

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 3-12-65 REVISED (•)

GENERAL SPECIFICATIONS — DIMENSIONS

13800, Opt. 396 Cu. In.

(All dimensions in inches unless otherwise indicated)

Engine, L37

(Supplemental data available on request)

MODEL	Ref. No.	SPORT COUPE BUCKET
-------	----------	-----------------------

FRONT COMPARTMENT

Shoulder room	W3	58.8
Max. eff. leg room - accelerator	L34	42.0
Effective head room	H61	37.9
H Point to Heel point	H30	7.7
Upper body opening to ground	H50	49.2

REAR COMPARTMENT

Shoulder room	W4	56.8
H Point coupis distance	L50	31.6
Minimum effective leg room	L51	33.2
Effective head room	H63	36.7

STATION WAGON—THIRD SEAT

Shoulder room	W85	
Effective leg room	L86	None
Effective head room	H86	

LUGGAGE COMPARTMENT

Usable luggage capacity (See instr.)	V1	16.7
Liftover height	H195	20.6
Position of spare tire storage		Hor. right rear trunk floor
Method of holding lid open		Torsion bars counterbalanced

STATION WAGON—CARGO SPACE

Minimum distance between wheel houses at floor level	W201	
Rear end opening width at belt	W204	
Floor length from back of front seat at floor level to inside of closed tail gate	L202	
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	None
Maximum height - floor covering to headlining at centerline of rear axle	H201	
Maximum height of rear opening - tail and lift gates open	H202	
Cargo volume index (cu.ft.)	$\frac{W4 \times L204 \times H201}{1728}$	V2

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 3-22-65 **REVISED**(e) _____

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first)
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		
13837	396 *	4-Bbl.	11.0:1	375 @ 5600	420 @ 3600	4-Speed (2.56:1 low)	3.31:1
*Optional							

AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 2-22-65	REVISED (6)
13837			
MODEL	396 Cu. In. V-8 Engine 375 HP		

ENGINE—CRANKSHAFT

Material	Forged Steel			
Vibration damper type	Rubber mounted inertia damper			
End thrust taken by bearing (No.)	Five			
Crankshaft end play	.006-.010			
Main bearing	Material & type		Premium aluminum except No. 5 sintered Copper nickel backed babbitt	
	Clearance		#1-4 .0006-.0022; #5 .0017-.0033	
	Journal dia. and bearing overall length	No. 1	2.7506 x .992	
		No. 2	2.7506 x .992	
		No. 3	2.7506 x .992	
		No. 4	2.7506 x .992	
		No. 5	2.7513 x 1.2525	
		No. 6	----	
No. 7		----		
Dir. & amt. cyl. offset		None		
Crankpin journal diameter	2.99-2.990			

ENGINE—CAMSHAFT

Location	In block above crankshaft			
Material	Cast alloy iron			
Bearings	Material		Steel backed babbitt	
	Number		Five	
Type of Drive	Gear or chain		Chain	
	Crankshaft gear or sprocket material		Steel sprocket	
	Camshaft gear or sprocket material		Cast aluminum sprocket	
	Timing chain	No. of links	50	
		Width	.880	
Pitch		.500		

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)	Hydraulic		
Valve rotator, type (intake, exhaust)	None		
Rocker ratio	1.70:1		
Operating tappet clearance (indicate hot or cold)	Intake	Zero	
	Exhaust	Zero	
Timing marks on flywheel, damper, other	Harmonic Balancer		

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED ^(*)

13837

MODEL

396 Cu. In. V-8 Engine 375 HP

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Gear
Normal oil pressure (lb. @ engine rpm)	50-75 @ 2000
Oil pressure sending unit (elect. or mech.)	Electric
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, partial, other)	Full flow
Filter replacement (element, complete)	Element
Capacity of crankcase, less filter-refill (qt.)	4
Oil grade recommended (SAE viscosity and temperature range)	32° F and Above ----- SAE 20W, SAE 20 or SAE 10W-30 0° F and Above ----- SAE 10W, or SAE 10W-30 Below 0° F ----- SAE 5W or SAE 5W-20
Engine Service Requirement (MM, MS, etc.)	MS or DG

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	Two, reverse flow
Exhaust pipe dia. (O.D.)	-----
Branch wall thickness	2.50 x .073-.091 laminated
Main	2.25 x .062-.076
Tail pipe diameter (O.D. & wall thickness)	2.25 x .062-.076

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Ventilates to induction system
	Optional	
Control unit	Make and model	
	Location	Rear of carburetor
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold vacuum
Complete system	Control method (variable orifice, fixed orifice, other)	Variable orifice
	Discharges (to intake manifold, carb. air intake, air cleaner intake, other)	Intake manifold
	Air inlet (breather cap, carburetor air cleaner, other)	Carburetor air cleaner
	Flame arrestor (screen, check valve, other)	Screen

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 2-22-65 **REVISED** (*)

13837

MODEL 396 Cu. In. V-8 Engine 375 HP

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure	
Radiator cap relief valve pressure		15 ± 1 PSI	
Circulation thermostat	Type (choke, bypass)	Choke	
	Starts to open at (°F)	177° - 183° F	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM @ 1000 pump rpm	47 @ 5200	
	Number of pumps	One	
	Drive (V-belt, other)	V-Belt	
	Bearing type	Double row ball	
By-pass recirculation type (internal, external)		External	
Radiator core type (cellular, tube and fin, other)		Tube on center	
Cooling system capacity	With heater (qt.)		
	Without heater (qt.)		
	Opt. equipment—specify (qt.)		
Water jackets full length of cylinder (yes, no)		Yes	
Water all around cylinder (yes, no)		Yes	
Radiator hose	Lower	Number and type (molded, straight)	One, molded
		Inside diameter	1.88
	Upper	Number and type (molded, straight)	One, molded
		Inside diameter	1.50
	By-pass	Number and type (molded, straight)	One, molded
		Inside diameter	1.25 - .765
Fan	Number of blades & Spacing		5, Staggered
	Diameter		18.00
	Ratio-fan to crankshaft rev.		.949:1
	Fan cutout type		Thermo-modulated - viscous coupling
	Bearing type		Double row ball
*Drive belts (indicate belt used by letter)	Fan		A
	Generator		A
	Water Pump		A
	Power Steering		
Air Conditioning			

* Drive Belt Dimensions	A
Angle of V	38° - 42°
Nominal length (SAE)	55.50
Width	.380 ± .005

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13837

MODEL 396 Cu. In. V-8 Engine 375 HP

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type		Positive shift solenoid
	Pinion meshes (front, rear)		Rear
	Number of teeth	Pinion	9
		Flywheel	168
	Flywheel tooth face width		.4100 - .4220

ELECTRICAL—IGNITION SYSTEM

Coil	Make		Delco-Remy
	Model		1115204
	Amps	Engine stopped	4.0
		Engine idling	1.8
Distributor	Make		Delco-Remy
	Model		1111094
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	800
		Intermediate points deg. @ rpm	
		Max deg. @ rpm	28° @ 4400
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	0° @ 8 In.
		Intermediate points, deg @ in Hg	
		Max. deg. in. Hg.	15° @ 15.5 In.
	Breaker gap (in.)		.019
	Cam angle (deg.)		28° - 32°
	Breaker arm tension (oz.)		19-23
	Timing	Crankshaft deg. @ rpm.	
Mark location		Harmonic Balancer	
Cylinder numbering system (see page 2)		Left bank : 1-3-5-7 Right bank: 2-4-6-8	
Firing order (see page 2)		1-8-4-3-6-5-7-2	
Spark Plug	Make and model		AC43N
	Thread (mm)		14
	Tightening torque (lb. ft.)		25
	Gap		.033-.038
Cable	Conductor type		Linen core impregnated with conducting material
	Insulation type		Rubber with neoprene jacket
	Spark plug protector		Silicon

ELECTRICAL—SUPPRESSION

Locations & type	Non-metallic high tension cables
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 13800, Opt.
 396 Cu. In.
MODEL Engine. L37

ELECTRICAL—LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-5400 S, dual headlight 2-4001, 2-4002.

Headlamps & arrangement		Dual, horizontal; outer, 2-4002; inner, 2-4001	
Headlamp beam indicator		1-1895	
Parking		2-1157	
Tail		2-1157	
Stop		2-1157	
Direction signal	Front	2-1157	
	Rear	2-1157	
	Indicator	2-1445	
License Plate		2-1155	
Oil pressure indicator		Gage	
Charge indicator		Gage	
Instrument		6-1895	
Clock		1-1895	Std.
Radio		1-1893	Std.

Indicate also whether the following lamp assemblies are standard equipment, optional, or NA.

Tachometer	Gage	Std.
Back up	2-1156	Std.
Dome	1-211	Std.
Glove compartment	1-1895	Std.
Prkg. brake signal	1-1157	Std.
Luggage compartment	1-1003	Opt.
Underhood	1-193	Opt.
Courtesy instrument panel	1-1111a1	Std.
Ash tray	1-153	Opt.
Temp. indicator	Gage	Std.
Heater control	1-1895	Std.
Traffic hazard indicator	1-1445	Opt.

(a) Std. seat separator courtesy 1-111.

OTHER BULBS

Spot lamp		
Portable	1-4416	Opt.
Inside operated	1-4405	Opt.

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 13800, Opt. 396
 Cu. In. Engine, L37
MODEL _____

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Chevrolet single dry disc, centrifugal	
Type pressure plate springs	Diaphragm, bent finger design	
Effective plate pressure (lb.)	2300-2600	
No. of clutch driven discs	One	
Clutch facing	Material	Woven type asbestos
	Outside & inside dia.	11.0 & 6.5
	Total eff. area (sq.in.)	123.7
	Thickness	140 ea.
	Engagement cushioning method	Flat spring steel between facings
Release bearing	Type & method of lubrication	Single row ball, packed and sealed
Torsional damping	Methods: springs, friction material	Coil springs

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	4-Speed required
Manual with overdrive (std. or opt.)	NA
Automatic (std. or opt.)	NA

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	4-Speed		
Transmission ratios	In first	2.56	
	In second	1.91	
	In third	1.48	
	In fourth	1.00	
	In reverse	2.64	
Synchronous meshing, specify gears	All forward gears		
Shift lever location	Floor		
Lubricant	Capacity (pt.)	7.5	
	Type recommended	Meeting Military Spec. MIL-L-2105-B	
	SAE viscosity number	Summer	SAE 80
		Winter	SAE 80
Extreme cold		SAE 30	

AMA Specifications – Passenger Car

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13800, Opt. 396 Cu. In.
MODEL Engine, L37

DRIVE UNITS—PROPELLER SHAFT (cont.)

Inter- mediate bearing	Type (plain, anti-friction)	None
	Lubrication (fitting, prepack)	---
Universal joints	Make	Chevrolet
	Number used	2
	Type (ball and trunion, cross, other)	Cross
	Bearing	Type (plain, anti-friction)
Lubric. (fitting, prepack)		Prepack
Drive taken through (torque tube or arms, springs)		Control arms
Torque taken through (torque tube or arms, springs)		Control arms

DRIVE UNITS—REAR AXLE

Description (see instructions)	Std. - semi-floating, overhung pinion gear		
Limited Slip differential, type	NA		
Drive Pinion Offset	1.5		
No. of differential pinions	2		
Gear ratios (Std. equip.)	Manual transmission	3.31	
	Overdrive transmission	NA	
	Automatic transmission	NA	
Ring gear O.D. (std. ratio)	8.875		
Pinion adjustment (shim, other)	None		
Pinion bearing adj. (shim, other)	Shim		
Wheel bearing type	Single row cylindrical roller		
Lubricant	Capacity (pt.)	4.0	
	Type recommended	For standard axles, meeting Military Spec. MIL-L-2105-B	
	SAE vis- cosity number	Summer	SAE 80
		Winter	SAE 80
		Extreme cold	SAE 80

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio		3.31
No. of teeth	Pinion	13
	Ring gear	43

AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 2-22-65 **REVISED** (c)
 13800, Opt. 396 Cu. In.
MODEL Engine, L37

BRAKES—SERVICE (cont.)

	Bonded or riveted			Bonded
	Brake lining	Front Shoe	Material	
Size (length x width x thickness)			Front wheel	9.25 x 2.75 x .168
			Rear wheel	9.25 x 2.00 x .168
		Segments per shoe		1
Rear Shoe		Material		Molded asbestos
		Size (length x width x thickness)	Front wheel	11.63 x 2.75 x .168
	Rear wheel		11.63 x 2.00 x .168	
	Segments per shoe		1	

BRAKES—PARKING

Type of control	Pulley-cable linkage; foot pedal apply, handle release	
Location of control	Below instrument panel left of steering column	
Operates on	Rear service brakes	
If separate from service brakes	Type (internal or external)	---
	Drum diameter	---
	Lining size (length x width x thickness)	---

FRAME or UNITIZED CONSTRUCTION

Type and description All welded perimeter frame with front crossmember, rear suspension crossmember and rear crossmember. Frame reinforcement between upper and lower control arm pivots.

SUSPENSION—GENERAL (See Supplemental page 19 for details on Air Suspension)*

Provision for car leveling	Front stabilizer bar	
Provision for brake dip control	Mounting angle of front upper control arms	
Provision for acc. squat control	Geometry of rear suspension	
Special provisions for car jacking	Bumper pack provided; apply just outboard of bumper bolt at wheel requiring jacking	
Shock absorber front & rear	Type	Direct double-acting, hydraulic
	Make	Delco Products
	Piston dia.	1.00
Other special features		

SUSPENSION—FRONT

Type and description Independent - SLA type with coil spring and concentric shock absorber, and spherically-jointed steering knuckle for each wheel.

(Continued)

* Air Suspension:
 Air spring type
 Compressor data
 type
 make
 drive ratio
 Normal operating pressures
 spring rates
 ave. temp.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 2-22-65 **REVISED** (a)
 13800, Opt. 396 Cu. In.
MODEL Engine, L37

STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		7-3/4 to 8-3/4
	Bearings (type)	Upper	Ball stud with non-metallic bearing surfaces
		Lower	Ball stud with non-metallic bearing surfaces
	Thrust		None
Wheel alignment (range and preferred)	Caster (deg.)		N1 to 0 (curb)
	Camber (deg.)		0 to P1 (curb)
	Toe-in (outside tread-inches)		1/8 to 1/2 total (curb)
Steering spindle & joint type			Forging with pad for mounting brake cylinder, spherical
Wheel spindle	Diameter	Inner bearing	1.2493-1.2498
		Outer bearing	.7492-.7497
	Thread size		3/4-20 NEF-3 (modified)
	Bearing type		Taper roller

SUSPENSION—REAR

Type and description			4-link: 2 upper and 2 lower control arms
Drive and torq. taken through (see page 17)			Control arms
Spring	Type		Coil
	Material		Steel alloy
	Size (length x width, coil design height and I.D.; bar length & dia.)		9.74 & 5.50; 108.6 x .542
	Spring rate (lb. per in.)		120
	Rate at wheel (lb. per in.)		
	Design load (lb. at design height)		600 @ 9.74
	Mounting insulation type		None
	If leaf	No. of leaves	↑
Inserts		NA	
Type and size Material		↓	
	Shackle (comp. or tens.)		
Stabilizer	Type (link, linkless, frameless)		Frameless
	Material		Steel
Track bar type			None

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 3-22-65 **REVISED** (*)

WEIGHTS

13800, Optional 396
Cu. In. Engine, L37

Model	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
MALIBU SUPER SPORT 13837 2-Door Coupe			3270	38	62			3115

Accessories & Equipment Differential Weights	Remarks
Heater (delete)	
Windows, Power	
Transmission, 4-Speed	
396 Cu. In. V-8	
Brakes, Power	
Steering, Power	

* These are weights that are reported to states for licensing purposes. Form Rev. 5-63



GENERAL



MODEL IDENTIFICATION 2

VEHICLE WEIGHTS 2

PICKUP BOX DIMENSIONS 2

CHASSIS 3

POWER TRAINS 3

FOR COMPLETE SPECIFICATIONS ON THE SEDAN PICK-UP, SEE 1965 CHEVROLET PASSENGER CAR SPECIFICATIONS.

GENERAL INFORMATION

Model Identification

13380 Standard 6-Cylinder Sedan Pickup
 13480 Standard 8-Cylinder Sedan Pickup
 13580 Deluxe 6-Cylinder Sedan Pickup
 13680 Deluxe 8-Cylinder Sedan Pickup

Vehicle Weights

MODELS	WITH STANDARD EQUIPMENT						CUBIC CAPACITY (CU.FT.)	WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	ESTIMATED SHIPPING			ESTIMATED CURB				BODY AND/ OR PAY- LOAD	PAYLOAD DISTRIBUTION		LOAD LENGTH (IN.)
	FRONT	REAR	TOTAL	FRONT	REAR	TOTAL			FRONT	REAR	
13380	1656	1301	2957	1655	1449	3104	38.5	1220			101.5
13480	1755	1324	3079	1764	1472	3236		1085	0%	100%	
13580	1657	1301	2958	1656	1449	3105		1220			
13680	1756	1324	3080	1765	1472	3237		1085			

Pickup Box Dimensions

LENGTHS

Box length at floor - tailgate closed 78.5
 Box length at floor - tailgate open 101.5
 Box length at belt 73.5

HEIGHTS

Box height - front 15.3
 Box height - rear 14.8
 Top of tailgate to ground 21.6
 Wheelhouse height 9.5
 Platform height - design 21.7
 Platform height - curb 22.2

WIDTHS

Tailgate width 59.8
 Rear load floor width (between wheelhouses) 46.0
 Box width at floor - front 59.8
 Box width at floor - rear 64.8
 Box width at belt - front 59.5
 Box width at belt - rear 58.5
 Tailgate opening at floor 55.5

CHASSIS

FRONT SUSPENSION

Rated capacity 1900 Lbs.

FRONT SPRINGS

Rated capacity (each spring) Sprung 840
Ground 950

REAR AXLE

Rated capacity 2700 Lbs.
Ratio
Base 133-13580 and RPO (G76) 134-13680 3.36:1
Base 134-13680 3.08:1
Overdrive 3.70:1
134-13680 with 327 V-8 engine 3.07/3.73:1

REAR SPRINGS

Rated capacity (each spring)
Base Sprung 950
Ground 1100
RPO (F40) Sprung 1200
Ground 1350

BRAKE SIZE

Front 9-1/2 x 2-1/2
Rear 9-1/2 x 2

TIRE SIZE

Front and rear 7.35-14-4 PR (2 ply construction)

POWER TRAINS

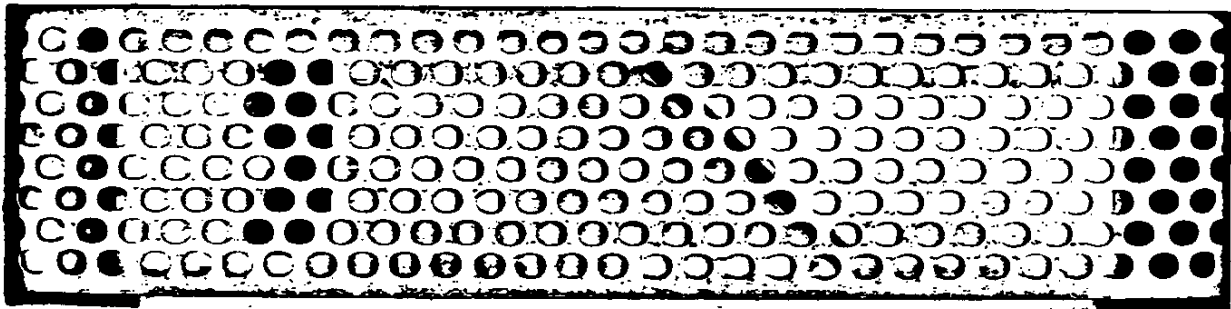
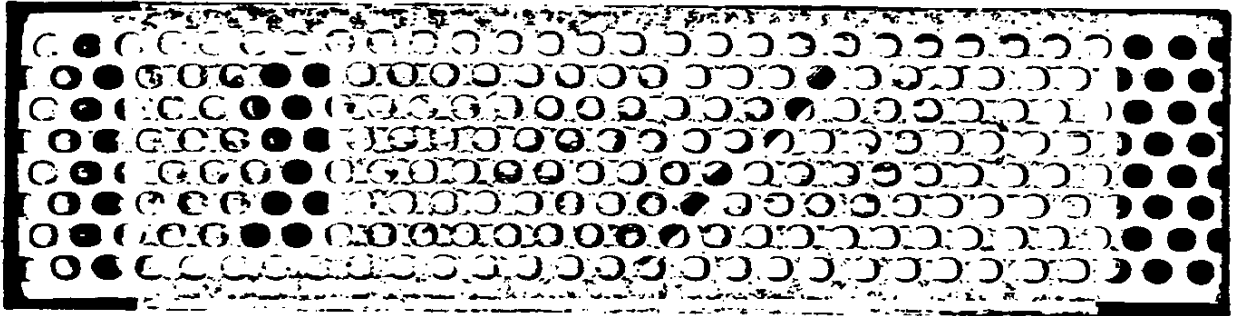
ENGINE AVAILABILITY

133-13580		
BASE	194 Cubic Inch L-6	- 120 Horsepower
RPO (L61)	230 Cubic Inch L-6	- 150 Horsepower

134-13680		
BASE	283 Cubic Inch V-8	- 195 Horsepower
RPO (L30)	327 Cubic Inch V-8	- 250 Horsepower
RPO (L74)	327 Cubic inch V-8	- 300 Horsepower
RPO (L76)	327 Cubic Inch V-8	
RPO (L79)	327 Cubic Inch V-8	- 350 Horsepower

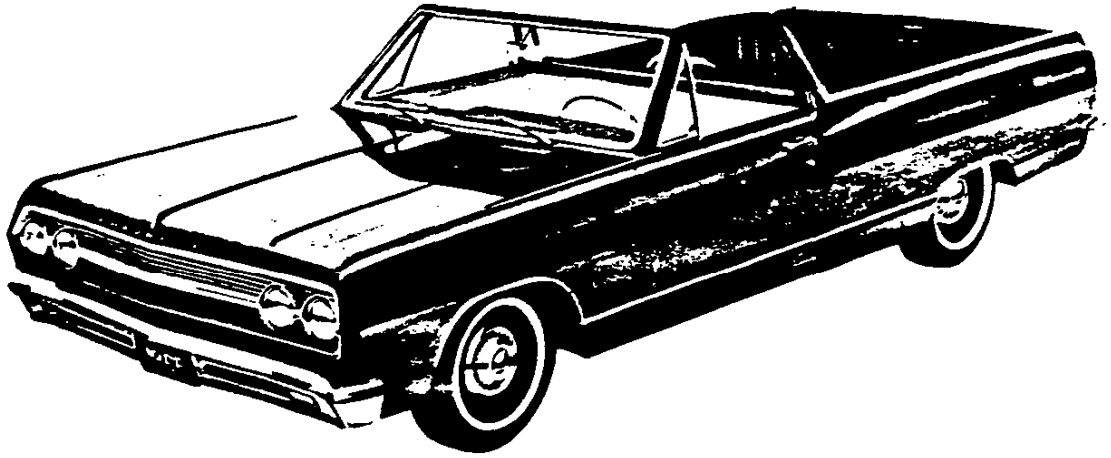
TRANSMISSION AVAILABILITY

133-13580	134-13680
3-Speed Overdrive Power glide	3-Speed 4-Speed Overdrive Powerglide



EL CAMINO PICKUPS

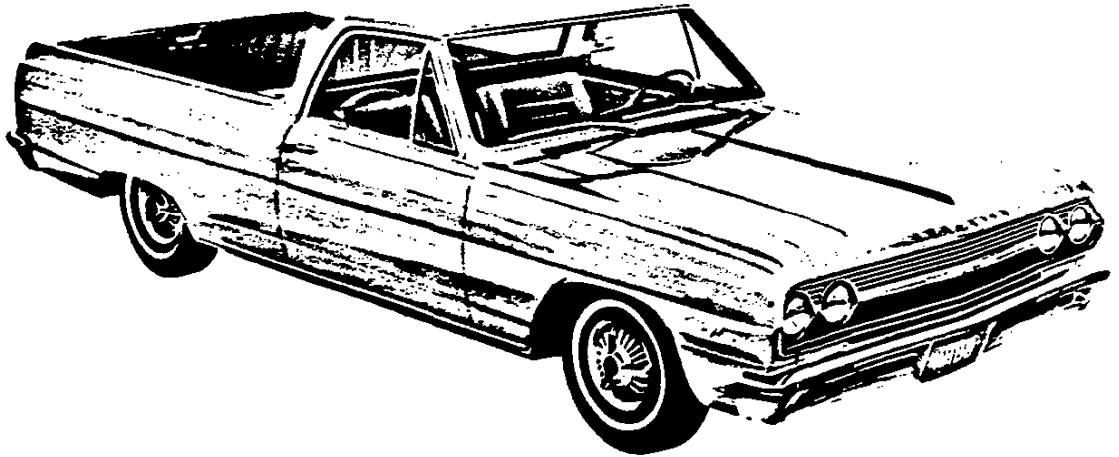
EXTERIOR FEATURES



EL CAMINO

Graceful refinement of El Camino appearance begins with new grille and grille opening, restyled front fenders and hood, and a new front bumper. Body side moldings are now color accented to complement the twelve Magic-Mirror El Camino colors, ten of which are new for 1965. Single-unit taillights have allowed relocation of optional back-up lights to the rear bumper for improved visibility. Distinctive trim consists of cargo area and cab rear

outline molding, El Camino rear fender nameplates, front fender engine identification emblems for V8 and optional six, hood windsplit molding, chrome bumpers, and bright metal hub caps. Additional bright trim includes windshield and rear window moldings, ventipane frames, hood and tailgate Chevrolet nameplates, and grille and tailgate emblems. Such options as front bumper guard and simulated wire wheel covers are also available.



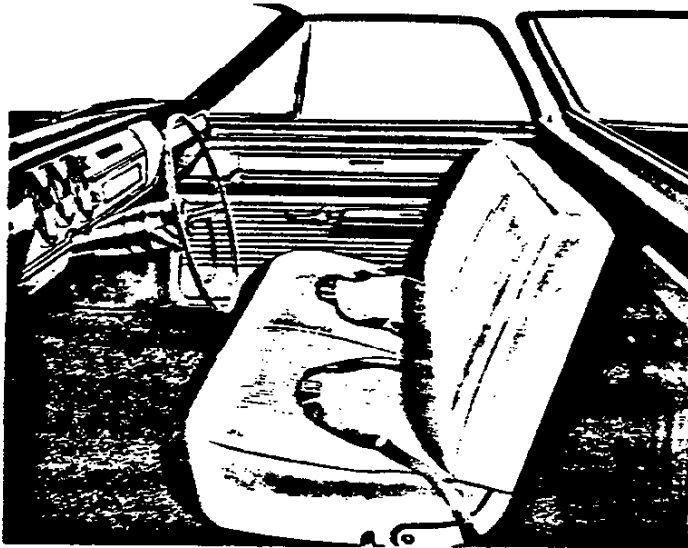
CUSTOM EL CAMINO

Custom El Camino styling includes all of the features mentioned above, but is further enhanced by wide body sill moldings and front and rear wheel opening moldings. Bright trim outlines roof

drip molding, door upper frames and windshield pillars. Several optional exterior appearance and convenience features are available at extra cost. (Extra-cost optional bucket seats illustrated.)

EL CAMINO PICKUPS

INTERIOR FEATURES

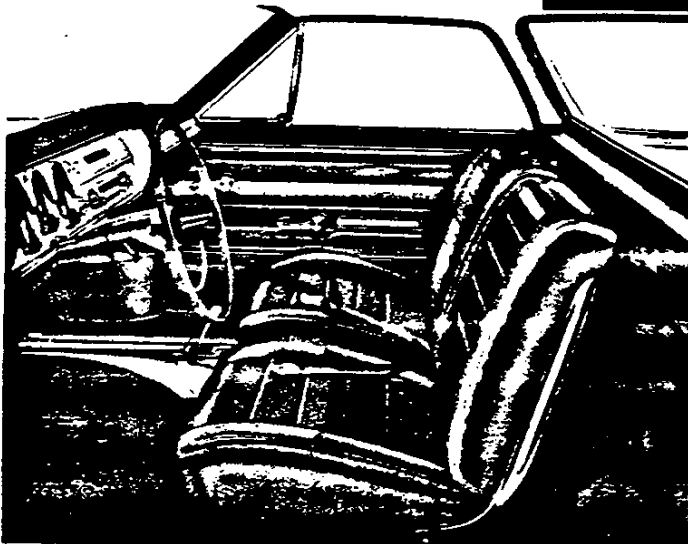
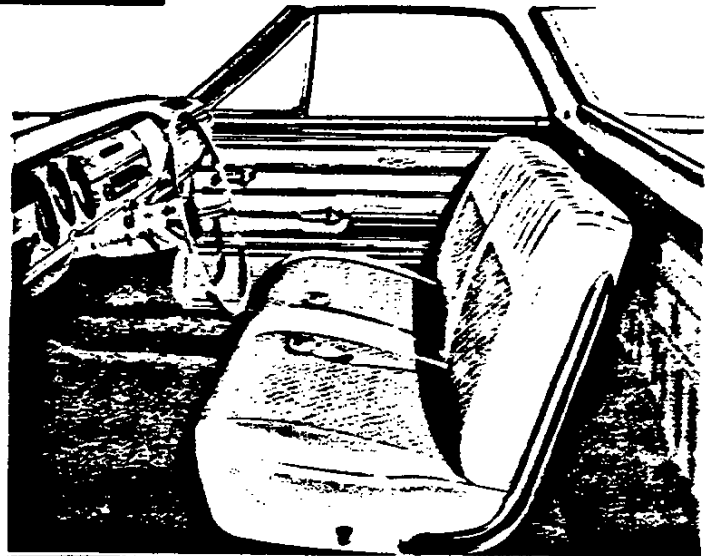


EL CAMINO

Luxury-grained all-vinyl seat and sidewall trim has been restyled in color-keyed fawn, aqua or red for 1965. Embossed headlining and sun visors are also finished in protective vinyl and vinyl-coated rubber floor covering completes the color theme. An attractively restyled instrument cluster trim plate provides new interest while foam-cushioned seat, cigarette lighter, bright-base armrests and instrument panel ashtray promise El Camino comfort. Appointments and conveniences also include scuff-resistant plastic cowl side panels with molded-in ventilator grilles, color-keyed seat belts, dual-spoke steering wheel with horn ring, glove compartment lock, adjustable rearview mirror, center dome light and new door and window handles.

CUSTOM EL CAMINO

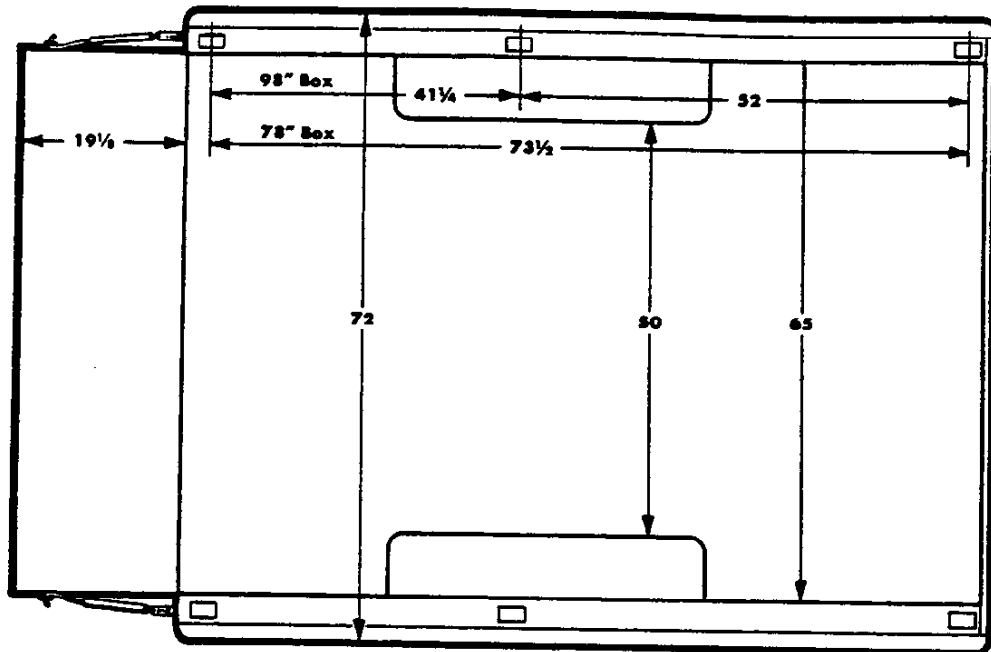
Harmonizing diamond pattern cloth and textured vinyl cover an extra-thick foam-cushioned seat in the Custom El Camino. All the good features mentioned above are included plus deep-twist carpeting, electric clock, glove compartment light and chrome-backed rearview mirror. Bright accents on the vinyl door trim blend with deluxe door opening and window regulator handles. A new trim plate and emblem grace the glove box door.



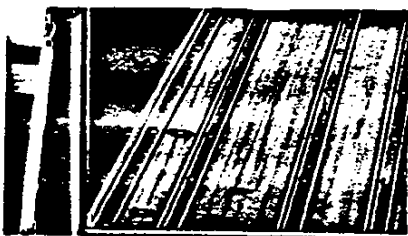
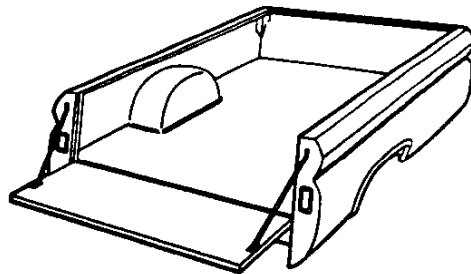
BUCKET SEATS

Bucket seats with bright metal outer and painted inner moldings are available on the Custom El Camino as a separate extra-cost option. The seats are trimmed with fawn, aqua or red textured vinyl and a matching vinyl cover is provided for the spare tire. Special Super Sport type wheel covers are included with this option plus a center console if the 4-speed transmission is ordered. (See Interior Trim chart, page 8, Colors section for option codes.)

FLEETSIDE PICKUPS

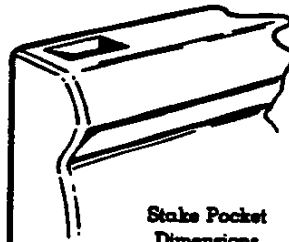


Body Sizes		
Model	Body Length	Volume
C1434 K1434	78"	60 1/4 cu ft
C1534 C2534 K1534 K2534	98"	76 3/8 cu ft



Steel Skid Strips

Flush steel skid strips hold floor planks securely, yet allow expansion with changes in temperature and humidity. Recessed bolt heads prevent cargo damage in loading and unloading.



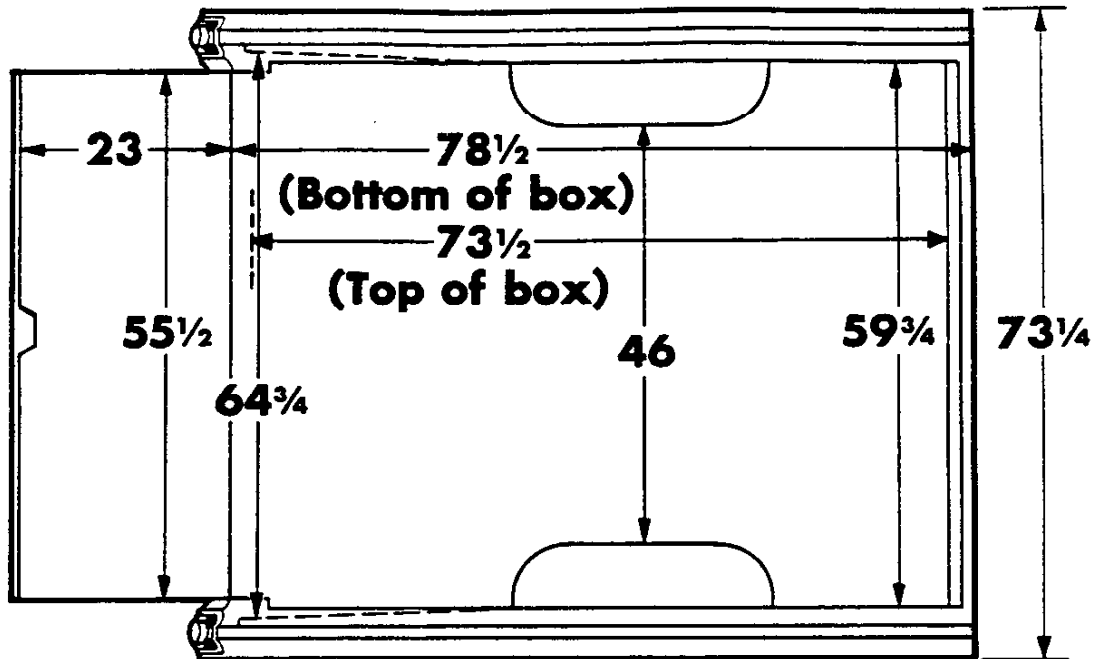
Stake Pocket Dimensions
2' x 1 3/8'

Smooth exterior side panels give a stylish appearance and make possible extra-high-cubage load-carrying capacity. The important lower half of the body is double-walled for extra strength and to prevent load dents from marring the appearance of the outer panels.

Floors are made of well-seasoned wood with flush steel skid strips over the expansion joints between planks. A tight-fitting full-width tailgate minimizes loss from loose loads such as grain or sand. Anti-rattle latches give extra support to the side panels when the tailgate is closed. When open, the tailgate is supported by two rubber-covered chains.

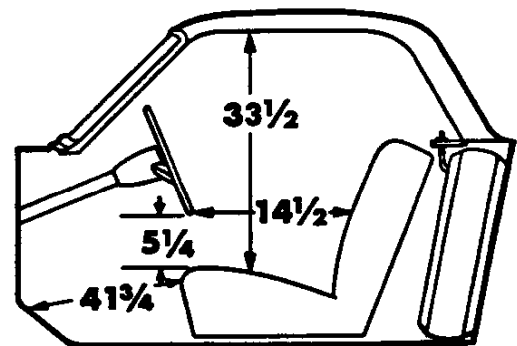
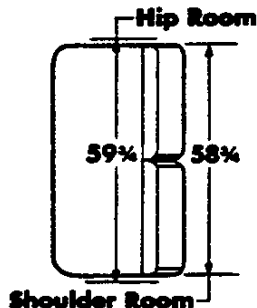
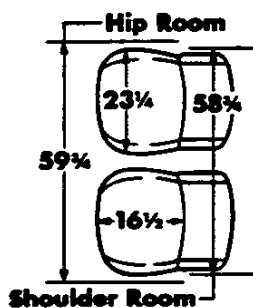
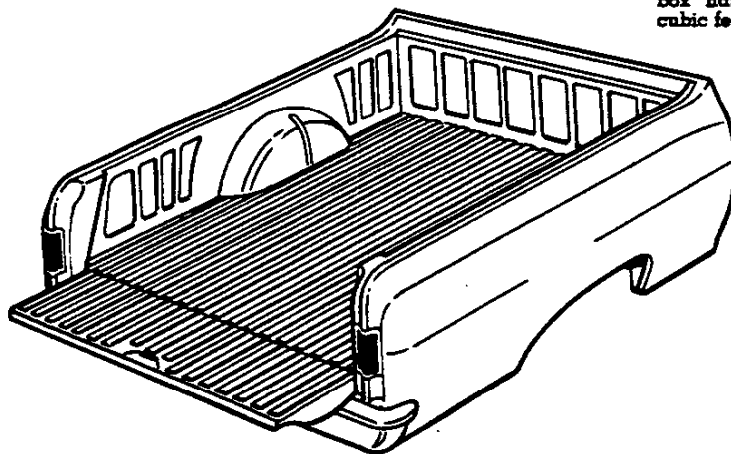
Reinforced pockets for the addition of stake racks are provided to increase the bulk carrying capacity of the box. On 78" bodies there are 2 pockets on each side; on 98" bodies there are 3 pockets on each side.

EL CAMINO PICKUPS



The El Camino pickup box features double-wall construction on the side panels and all-steel construction including the floor.

The tailgate is also of double-wall construction and when lowered forms a continuation of the ribbed steel floor. With the tailgate closed, the box has a capacity of approximately 38½ cubic feet.



AMA Specifications – Passenger Car

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown below. This uniform specification form was developed by the automobile manufacturing companies under the auspices of the Automobile Manufacturers Association.

MANUFACTURER	Chevrolet Motor Division General Motors Corporation	CAR NAME	CHEVELLE 131-133-135-13700 194 cu. in. 6-cyl.	132-134-136-13800 283 cu. in. 8-cyl.
MAILING ADDRESS	Owner Relations Service Dept. Chevrolet Motor Division General Motors Building Detroit, Michigan 48202	MODEL YEAR	1965	ISSUED: 9-28-64 REVISED (e) 2-22-65

NOTES:

1. The Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. **UNLESS OTHERWISE INDICATED:**
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.

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Engine - Mechanical 2	Brakes 18	Station Wagon 1a	Index 24
Electrical 10	Front Suspension & Steering . . 19		

BODY—TYPES AND STYLE NAMES—

Body type, number of passenger & style names; use manufacturer's code for series & body style.

	<u>194 Cu. In.</u> <u>6-cylinder</u>	<u>283 Cu. In.</u> <u>8-cylinder</u>
CHEVELLE 300		
2-Door Sedan, 6-Pass.	13111	13211
2-Door Station Wagon, 2-seat	13115	13215
4-Door Sedan, 6-Pass.	13169	13269
CHEVELLE 300 DELUXE		
2-Door Sedan, 6-Pass.	13311	13411
4-Door Station Wagon, 2-seat	13335	13435
4-Door Sedan, 6-Pass.	13369	13469
2-Door Sedan Pickup, 3-Pass.	13380	13480
MALIBU		
4-Door Station Wagon, 2-seat	13535	13635
2-Door Sport Coupe, 5-Pass.	13537	13637
2-Door Convertible, 5-Pass.	13567	13667
4-Door Sedan, 6-Pass.	13569	13669
2-Door Sedan Pickup, 3-Pass.	13580	13680
MALIBU SUPER SPORT		
2-Door Sport Coupe, 4-Pass.	13737	13837
2-Door Convertible, 4-Pass.	13767	13867

AMA Specifications — Passenger Car

OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (*) 2-22-64

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL	Additional Information Page No.:	13100-300-500-700 194 Cu. In. L-6	230 Cu. In. L-6	13200-400-600-800 283 Cu. In. V-8		
Wheelbase (L101)	23	115.0				
Tread	Front (W101)	58.0				
	Rear (W102)	58.0				
Maximum Overall Dimensions	Length (L103)	196.6, Wagons 201.4				
	Width (W103)	74.6				
	Height (H101)	Sed. 53.2, Sp. Coupes 52.8, Wagons 55.1, Conv. 52.9				
Transmission— (Specify trade name - opt., not available)	Manual Synchronesh	3-Speed, Std.		3-Spd. Std, 4-Spd. Opt.		
	Overdrive	16	Optional			
	Automatic Powerglide	Optional				
Axle ratio	Manual	17	3 4	3.08 (a)	3.08 (a)	3.08 (b)
		17	N. A.		N. A.	3.08 (b)
	Overdrive	17	3.70		3.70	3.70
Automatic	17	3.08 (a)		3.08 (a)	3.08	
Tire size	18	Sedans, Sport Cpe, Convert. 6.95 x 14		2 & 4-Dr Wgns & Sedan Pickup 7.35 x 14		
Engine	Type, no. cyl., valve arr.	2 In-line 6 OHV		2 90° V-8 OHV		
	Fuel system (Carb., other)	8 Carburetor		Std	RPO - L77	
	Bore and stroke	2	3.563 x 3.25		3.875 x 3.25	3.875 x 3.00
	Piston displ., cu.in.	2	194		230	283
	Std. compression ratio	2	8.5:1		8.5:1	9.25:1
	Max. bhp at engine rpm	2	120 @ 4400		140 @ 4400	195@4800 220@4800
	Max. torque at rpm	2	177 @ 2400		220 @ 1600	285@2400 295@3200

(a) - Station Wagons, 3.36 (b) - 3.36 with 220 HP RPO L77

KEY OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (a) 2-22-65

GENERAL SPECIFICATIONS — DIMENSIONS

(All dimensions in inches unless otherwise indicated)
(Supplemental data available on request)

MODEL	Ref. No.	Sedans		Spt Cpes.		Conv's.		Sta Wgns.		Sedan
		2-dr	4-dr.	Bn	Bkt	Bn	Bkt	2-seat	3-seat	Pickup

FRONT COMPARTMENT

Shoulder room	W3	58.8								
Max. eff. leg room - accelerator	L34	42.0	42.1	42.0	42.1	42.0	42.1	42.0	42.1	41.8
Effective head room	H61	38.6	37.8	37.9	38.7	38.6	38.2	38.2	38.2	38.5
H Point to Heel point	H30	8.1	7.7				8.1	7.9		
Upper body opening to ground	H50	49.2								

REAR COMPARTMENT

Shoulder room	W4	57.4	58.8	56.8		45.6		57.4	58.8	---
H Point couple distance	L50	33.6		31.5	31.6	31.5	31.6	33.6		---
Minimum effective leg room	L51	35.9	36.3	33.3	33.2	33.3	33.2	35.9		---
Effective head room	H63	37.3		36.7		36.8		38.4		---

STATION WAGON—THIRD SEAT

Shoulder room	W85									
Effective leg room	L86	None								
Effective head room	H86									

LUGGAGE COMPARTMENT

Usable luggage capacity (See Instr.)	V1	16.8	16.7	16.5	---	---
Liftover height	H195	20.6			17.8	---
Position of spare tire storage		Hor. right rr trunk floor			Rt rr qtr	Bk frt seat
Method of holding lid open		Torsion bars counterbalanced			---	---

STATION WAGON—CARGO SPACE

Minimum distance between wheel houses at floor level	W201	42.4
Rear end opening width at belt	W204	53.0
Floor length from back of front seat at floor level to inside of closed tail gate	L202	92.1
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	80.8
Maximum height - floor covering to headlining at centerline of rear axle	H201	31.3
Maximum height of rear opening - tail and lift gates open	H202	28.5
Cargo volume index (cu.ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	86.0



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AMA Specifications—Passenger Car

TYPE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-65
MODEL	13100-300-500-700	13200-400-600-800	
	194 Cu. In. L-6	230 Cu. In. L-6	283 Cu. In. V-8 Standard RPO - L77

ENGINE—GENERAL

Type, no. cyls., valve arr.	In-line 6 OHV		90° V-8 OHV	
Bore and stroke (nominal)	3.563 x 3.25	3.875 x 3.25	3.875 x 3.00	
Piston displacement, cu. in.	194		230	
Bore spacing (C/L to C/L)	4.4			
No. system (front to rear)	L. Bank		1-2-3-4-5-6 (In-Line)	
	R. Bank		1-3-5-7	
Firing order	1-5-3-6-2-4		2-4-6-8	
Compres. ratio (nominal)	8.5:1	8.5:1	9.25:1	
Cylinder Head Material	Cast alloy iron			
Cylinder Block Material	Cast alloy iron			
Cylinder Sleeve—Wet, dry, none	None			
Number of mounting points	Front		Two	
	Rear		One	
Engine installation angle	3° 51'		5° 11'	
Taxable horsepower <small>Diag. 2 x No. Cyl. / 2.5</small>	30.5	36.0	48.0	
Published max. bhp* @ eng. RPM	120 @ 4400	140 @ 4400	195 @ 4800	220 @ 4800
max. torque* (RPM)	177 @ 2400	220 @ 1600	285 @ 2400	295 @ 3200
Recommended fuel regular - premium	Regular			
Idle speed (spec. neutral or drive)	Manual			
	Automatic			
	500 in Neutral		475 in Drive	

ENGINE—PISTONS

Material	Cast Alum. Alloy			
Description and finish	Flat head; Slipper Skirt		Flat, notched head; Slipper Skirt	
	Weight (piston only) oz.		17.60	20.40
Clearance (limits)	Top land		.033-.044	
	Skirt	Top	.035 - .044	
		Bottom	.0005-.0011 (a)	
Ring groove depth	.0005-.0011 (b)			
	No. 1 ring		.1960-.2025	
	No. 2 ring		.2153-.2218	
	No. 3 ring		.1985-.2050	
No. 4 ring		None		

*Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

- (a) - Measured at 2.20 from top of piston.
- (b) - Measured at 2.44 from top of piston.



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AMA Specifications - Passenger Car

MAKE OF CAR CHEVELLE

MODEL YEAR 1965 **DATE ISSUED** 9-28-64 **REVISED** (a) 2-22-65

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first)	
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM			
13100-300 13500-700	194	1-Bbl Down- draft	8.5:1	120 @ 4400	177 @ 2400	3-Speed	3.08:1(a)	3.36:1
						Powerglide*	3.08:1(a)	----
						Overdrive*	3.70:1	----
	230 (Opt)	1-Bbl Down- draft	8.5:1	140 @ 4400	220 @ 1600	3-Speed	3.08:1(a)	3.36:1
						Powerglide*	3.08:1(a)	----
						Overdrive*	3.70:1	----
13200-400 13600-800	283	2-Bbl Down- draft	9.25:1	195 @ 4800	285 @ 2800	3-Speed	3.08:1	3.36:1(b)
						4-Speed*	3.08:1	3.36:1(b)
						Powerglide*	3.08:1	----
						Overdrive*	3.70:1	----
	283*	4-Bbl Down- draft <i>RPO L77</i>	9.25:1	220 @ 4800	295 @ 3200	3-Speed	3.36:1	----
						4-Speed*	3.36:1	----
						Powerglide*	3.36:1	----
						Overdrive*	3.70:1	----
<p>* - Optional # - Also available in Positraction for combinations shown. (a)- Station Wagon Models - 3.36:1 (b)- El Caminos - 3.70:1.</p>								



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AMA Specifications - Passenger Car

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MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (*)2-22-65

	13100-300-500-700	13200-400-600-800
MODEL	194 Cu. In. L-6	230 Cu. In. L-6
		283 Cu. In. V-8

ENGINE-RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression
	No. 2, oil or comp.	Compression
	No. 3, oil or comp.	Oil Control
	No. 4, oil or comp.	None
Compression	Description - material, type, coating, etc.	Cast alloy iron, inside bevel. Upper - Flash chrome plating O. D. Lower - Wear resistant coating O. D.
	Width	.0775-.0780 Upper; .0770-.0780 Lower
	Gap	.010 - .020
Oil	Description - material, type, coating, etc.	Multi-piece - (2 rails & one spacer expander) Spacer Expander - Steel Rails - Stainless steel, chrome plated O. D.
	Width	.1840-.1880 (assembled)
	Gap	.015-.055
Expanders		In oil ring assembly

ENGINE-PISTON PINS

Material	Chromium steel		
Length	2.990-3.010		
Diameter	.9270-.9273		
type	Locked in rod, in piston, floating, etc.	Locked in rod	
	Bushing	In rod or piston	None
		Material	None
Clearance	In piston	.00015-.00025	
	In rod	None	
Direction & amount offset in piston	Major thrust side .060		

ENGINE-CONNECTING RODS

Material	Drop forged steel			
Weight (oz.)	17.60	20.40	20.30	
	Length (center to center)	5.699-5.701		
Bearing	Material & Type	Steel backed babbitt or copper lead alloy		
	Overall length	.807		
	Clearance (limits)	.007-.0027		
	End play	.009-.013		



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AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 9-28-64 **REVISED** (a) 2-22-

MODEL	13100-300-500-700	13200-400-600-800
	194 Cu. In. L-6	230 Cu. In. L-6
		283 Cu. In. V-8

ENGINE—CRANKSHAFT

Material	Cast nodular iron		Cast nodular iron or forged steel	
Vibration damper type	Rubber mounted inertia damper (a)			
End thrust taken by bearing (No.)	7		5	
Crankshaft end play	.002 - .006			
Main bearing	Material & type		Steel backed babbitt or copper lead alloy	
	Clearance		.0003 - .0029	
	Journal dia. and bearing overall length	No. 1	2.3004 x .752	2.3008 x .752
		No. 2	2.3004 x .752	
		No. 3	2.3004 x .752	
		No. 4	2.3004 x .752	
		No. 5	2.3004 x .752	2.3004 x 1.177
		No. 6	2.3004 x .752	None
No. 7		2.3004 x .760	None	
Dir. & amt. cyl. offset		None		
Crankpin journal diameter	1.999 - 2.000			

ENGINE—CAMSHAFT

Location	Above and to right of crank shaft	In block above crk/shf		
Material	Cast alloy iron			
Bearings	Material	Steel backed babbitt		
	Number	4	5	
Type of Drive	Gear or chain	Gear	Chain	
	Crankshaft gear or sprocket material	Steel	Steel Sprocket	
	Camshaft gear or sprocket material	Bakelite and fabric composition w/steel hub	Cast alloy iron	
	Timing chain	No. of links	None	46
		Width	None	.875
Pitch		None	.500	

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)	Standard	
Valve rotator, type (intake, exhaust)	None	
Rocker ratio	1.75:1	1.5:1
Operating tappet clearance (indicate hot or cold)	Intake	Zero
	Exhaust	Zero
Timing marks on flywheel, damper, other	Harmonic balancer	

(Continued)

(a) Used only with cast nodular crankshaft.



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AMA Specifications--Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 9-28-64 **REVISED** (*) 2-22-65

	13100-300-500-700	13200-400-600-800
MODEL	194 Cu. In. L-6	230 Cu. In. L-6 283 Cu. In. V-8

ENGINE--VALVE SYSTEM (cont.)

Timing (In- cluding Ramps)	Intake	Opens (°BTC)	62°	32° 30'	
		Closes (°ABC)	94°	87° 30'	
		Duration - deg.	336°	300°	
	Exhaust	Opens (°BBC)	92° 30'	74° 30'	
		Closes (°ATC)	63° 30'	45° 30'	
		Duration - deg.	336°	300°	
	Valve opening overlap		125° 30'	78°	
	Intake	Material		Alloy steel	
		Overall length		4.902 - 4.922	
		Actual overall head dia.		1.715 - 1.725	
Angle of seat & face		46° (seat) 45° (face)			
Seat insert material		None			
Stem diameter		.3404 - .3417			
Stem to guide clearance		.0010 - .0033			
Lift (@ zero lash)		.3318	.3987		
Outer spring press. and length		Valve closed (lb. @ in.)	56-64 @ 1.66	78-86 @ 1.66	
		Valve open (lb. @ in.)	170-184 @ 1.33	170-180 @ 1.26	
Inner spring press. and length		Valve closed (lb. @ in.)	None	Spring damper	
		Valve open (lb. @ in.)	None	Spring damper	
Exhaust		Material		High alloy steel	
		Overall length		4.913 - 4.933	
		Actual overall head dia.		1.495 - 1.505	
	Angle of seat & face		46° (seat) 45° (face)		
	Seat insert material		None		
	Stem diameter		.3410 - .3417		
	Stem to guide clearance		.0010 - .0027		
	Lift (@ zero lash)		.3318	.3987	
	Outer spring press. and length	Valve closed (lb. @ in.)	56-64 @ 1.66	78-86 @ 1.66	
		Valve open (lb. @ in.)	170-184 @ 1.33	170-180 @ 1.26	
	Inner spring press. and length	Valve closed (lb. @ in.)	None	Spring damper	
		Valve open (lb. @ in.)	None	Spring damper	

ENGINE--LUBRICATION SYSTEM

Type of lubrication (splash, pressure, etc.)	Main bearings	Pressure	
	Connecting rods	Pressure	
	Piston pins	Splash	
	Camshaft bearings	Pressure	
	Tappets	Pressure	
	Timing gear or chain	Nozzle	
	Cylinder walls	Conn. rod bearing throw-off	Pressure, cross-sprayed

(Continued)



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AMA Specifications - Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64
	REVISION (a) 2-22-6	
	13100-300-500-700	13200-400-600-800
MODEL	194 Cu. In. L-6	230 Cu. In. L-6
		283 Cu. In. V-8

ENGINE--LUBRICATION SYSTEM (cont.)

Oil pump type	Gear	
Normal oil pressure (lb. @ engine rpm)	30-45 PSI @ 1500 RPM	
Oil pressure sending unit (elect. or mech.)	Electric	
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, partial, other)	Full-flow	
Filter replacement (element, complete)	Complete	Element
Capacity of crankcase, less filter-refill (qt.)	4.0	
*	32° F and above	- SAE 20W, SAE 20 or SAE 10W-30
Oil grade recommended (SAE viscosity and temperature range)	0° F and above	- SAE 10W, SAE 10W-30
	Below 0° F	- SAE 5W, SAE 5W-20
Engine Service Requirement (MM, MS, etc.)	MS or DC	

ENGINE--EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single	Single w/crossover (a)
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, reverse flow (a)	
Exhaust pipe dia. (O.D. & wall thickness)	Branch	Laminated 2.00x.094
	Main	Laminated 2.00x.082 (a)
Oil pipe diameter (O.D. & wall thickness)	1.875 x .062 - .076 (a)	

ENGINE--CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Ventilates to induction system	
	Optional		
Control unit	Make and model		
	Location	Top rear of rocker cover	Rear of carburetor
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold vacuum	
Complete system	Control method (variable orifice, fixed orifice, other)	Variable	
	Discharges (to intake manifold, carb. air intake, air cleaner intake, other)	Intake manifold	
	Air inlet (breather cap, carburetor air cleaner, other)	Breather cap	
	Flame arrestor (screen, check valve, other)	Check valve	

* SAE 5W-30 can be used as an alternate for 5W; 5W-20 or 10W-30.

(a) RPO L77 - 220 HP - Dual; two, with resonators; 2.50 x .073 - .091 laminated; 2.00 x .062 - .076



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AMA Specifications— Passenger Car

MAKE OF CAR **CHEVELLE** MODEL YEAR **1965** DATE ISSUED **9-28-64** REVISED (a) **2-22-65**

	13100-300-500-700	13200-400-600-800
MODEL	194 Cu. In. L-6	230 Cu. In. L-6
		283 Cu. In. V-8

ENGINE—FUEL SYSTEM

(See Supplement to Page 8 for Details of Fuel Injection, Supercharger, etc. If used)

Induction type: Carburetor, fuel injection, supercharger.		Carburetor	
Fuel Tank	Capacity (gals.)	20	
	Filler location	Behind hinged rr license plate (a)	
Fuel Pump	Type (elec. or mech.)	Mechanical	
	Locations	Lower right front of engine	
	Pressure range	3.50 - 4.50 PSI	5.25 - 6.50 PSI
Vacuum booster (std., optional, none)		None	
Fuel Filter	Type	Fine mesh plastic strainer in gasoline tank and sintered bronze filter in carburetor	
	Locations		
Carburetor	Choke type	Automatic	
	Intake manifold heat control (exhaust or water)	Exhaust	
	Air clr. type	Standard	Oil-wetted polyurethane
	Optional		Oil-wetted paper

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
11100-300 11500-700	194	3-Speed	Rochester	7025105	One; Single-Barrel, Down-draft	1.56
		Powerglide	Rochester	7023108		
13200-400 13600-800	230 (Opt)	3-Speed	Rochester	7025003	One; Single-Barrel, Down-draft	1.56
		Powerglide	Rochester	7025000		
	283	3-Speed 4-Speed	Rochester	7024101	One; Two-Barrel, Down-draft	1.44
		Powerglide	Rochester	7024110		
283 (Opt)	3-Speed 4-Speed	Rochester	7025127	One; Four-Barrel	1.44 Primary Secondary	
		Powerglide	Rochester			7025128

(a) Left rear quarter panel on Station Wagons and El Camino.

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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (S) 2-22-64
 MODEL 13100-300-500-700 | 13200-400-600-800
194 Cu. In. L-6 | 230 Cu. In. L-6 | 283 Cu. In. V-8

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure		
Radiator cap relief valve pressure		13 PSI ± 1		
Circulation thermostat	Type (choke, bypass)	Choke		
	Starts to open at (°F)	177° - 183° F		
Water pump	Type (centrifugal, other)	Centrifugal		
	GPM @ 1000 pump rpm	58 @ 4400	54 @ 4400	
	Number of pumps	One		
	Drive (V-belt, other)	V-belt		
Bearing type		Permanently lubricated double row ball		
By-pass recirculation type (internal, external)		Internal		
Radiator core type (cellular, tube and fin, other)		Tube on center		
Cooling system capacity	With heater (qt.)	11	17	
	Without heater (qt.)	10	16	
	Opt. equipment-specify (qt.) *	12	18	
Water jackets full length of cylinder (yes, no)		Yes		
Water all around cylinder (yes, no)		Yes		
Radiator hose	Lower	Number and type (molded, straight)	One, molded	
		Inside diameter	1.75	
	Upper	Number and type (molded, straight)	One, molded	
		Inside diameter	1.28	1.50
	By-pass	Number and type (molded, straight)	None	
		Inside diameter	----	
Fan	Number of blades & Spacing		4, staggered	
	Diameter		17.62	
	Ratio-fan to crankshaft rev.		.949:1	
	Fan cutout type		None	
	Bearing type			
*Drive belts (indicate belt used by letter)	Fan	A	D	
	Generator	A	D	
	Water Pump	A	D	
	Power Steering	B	E	
	Air Conditioning	C	F	

* Drive Belt Dimensions	A	B	C	D	E	F
Angle of V	38° - 42°					
Nominal length (SAE)	39.00	49.50	54.75	53.50	41.50	57.50
Width	.380 ± .005					

* With heater.



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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-65
	13100-300-500-700	13200-400-600-800	
MODEL	194 Cu. In. L-6	230 Cu. In. L-6	283 Cu. In. V-8

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Delco-Remy #1980554		
	Voltage Rtg. & Total Plates	12 Volt; 54 Plates		
	SAE Designation & Amp Hr. Rtg	44 Amp/Hr @ 20 Hr Rate		
	Location	Rgt side frt engine compartment		
	Terminal grounded	Negative		
Generator	Make	Delco-Remy		
	Model	#1100693		
	Type	Diode rectified		
	Ratio—Gen. to Cr/s rev.	2.46:1		
	Gen. cut-in (hot)—engine rpm			
Regulator	Make	Delco-Remy		
	Model	#1119515		
	Type	Vibrator		
	Cutout relay	Closing voltage @ generator rpm		
		Reverse current to open		
	Regulated	Voltage	13.8 - 14.8 @ 85° F	
		Current	None	
	Voltage test conditions	Temperature	Operating	
		Load	3 - 8 Amps	
Other		None		

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Delco-Remy		
	Model	#1107259	#1107247	
	Rotation (drive end view)	Clockwise		
	Engine cranking speed			
	Test conditions	Engine at operating temperature		
	Lock test	Amps		
		Volts		
		Torque (lb. ft.)		
	No load test	Amps	49 - 76	
Volts		10.6		
RPM (min.)		6200-9400		
Motor control	Switch (solenoid, manual)	Solenoid		
	Starting procedure	<p>SYNCHROMESH - Place gearshift in neutral and depress clutch to floor. POWERGLIDE - Place control lever in N or P position. INITIAL START - Depress accelerator pedal to floor and release. Turn ignition to START and release as soon as engine starts.</p>		

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 9-28-64 **REVISED** ^(*) 2-22-65
13100-300-500-700 13200-400-600-800
MODEL 194 Cu. In. L-6 230 Cu. In. L-6 283 Cu. In. V-8

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type		Positive shift solenoid	
	Pinion meshes (front, rear)		Rear	
	Number of teeth	Pinion	9	
		Flywheel	153	
	Flywheel tooth face width		.4010 - .4130	

ELECTRICAL—IGNITION SYSTEM

				195 HP Std.	220 HP RPO L77	
Coil	Make		Delco-Remy			
	Model		#1115208	#1115204		
	Amps	Engine stopped	4.0			
Engine idling		1.8				
Distributor	Make		Delco-Remy			
	Model		#1110293	#1110280	#1111015	1111075
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	600	800	800	750
		Intermediate points deg. @ rpm				
	Max deg. @ rpm		26° @ 2300	30° @ 3000	30° @ 4000	26° @ 4100
		Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)				
	Start (in Hg)		6	8		6
		Intermediate points, deg @ in Hg				
	Max. deg. in. Hg.		21 @ 14.5		15 @ 15.5	22 @ 550
		Breaker gap (in.)	.019			
Cam angle (deg.)		31° - 34°		28° - 32°		
Breaker arm tension (oz.)		19 - 23 oz				
Timing	Crankshaft deg. @ rpm.		8° BTC @ 450-500	4° ± 1° BTC @ 500	6 @ 550	
	Mark location		Harmonic Balancer			
	Cylinder numbering system (see page 2)		Front to rear 1-2-3-4-5-6		Left bank 1-3-5-7 Rgt. bank 2-4-6-8	
		Firing order (see page 2)	1-5-3-6-2-4		1-8-4-3-6-5-7-2	
Spark Plug	Make and model		AC 46N (Long Reach)		AC 45	
	Thread (mm)		14			
	Tightening torque (lb. ft.)		25			
	Gap		.033 - .038			
Cable	Conductor type		Linen core impregnated with conducting material			
	Insulation type		Rubber w/neoprene jacket			
	Spark plug protector		Neoprene			

ELECTRICAL—SUPPRESSION

Locations & type

Non-Metallic High Tension Ignition Cables


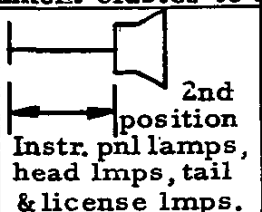

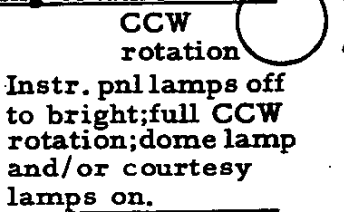
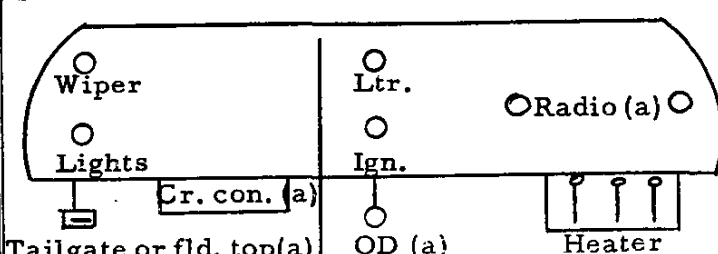
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AMA Specifications – Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (a)	2-22-65
1 - Standard	13100	13300	13500	13700			
L-6 & V-8	13200	13400	13600	13800			
MODEL	Opt. L-6						

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speedometer	Make	AC				
	Trip odometer (yes, no)	No				
Charge indicator—type		tell-tale		gage		
Temperature indicator—type		tell-tale		gage		
Oil pressure indicator—type		tell-tale		gage		
Fuel indicator—type		electric gage				
Other		cigarette lighter, clock (a), tachometer (a)				
Ignition switch	Identify positions in order and circuits controlled	ACCESSORY OFF ON START		ACCESSORY - accessory (ignition off). OFF - off, locked. ON - ignition, battery, accessories. START - starter mtr, spring return to ON.		
	Provision for illumination	instrument lamps				
	Location	instrument cluster to right of steering column				
Main lighting switch	Identify positions and lamps controlled					
	Locations and lamps controlled	Toe panel - hdlamp dimmer. Glove compt. -glove compt. lamp (a). Front door hinge pillars - dome and/or courtesy lamps (a). Steer. col - direction signal indicators & lamps. Brake pedal pendent - stop lamps. Parking brake lever - parking brake alarm (a). Steer. mast jacket - backup lamps exc 4-spd & 13700 & 800 w/PG (a).				
Other switches	Locations and devices controlled				Left side of front seat lower panel - power seat (a). Door & qtr trim panels - power windows (a).	
Windshield wiper	Make	Delco				
	Type	electric single-spd except two-speed for 13700 and 13800 (a)				
	Vacuum booster provision	None				
	Washer provision	with 2-spd wiper (a)				
Horn	Type	vibrator				
	Number used	two (a)				
	Asp draw (each)	8.00 - 11.0 @ 12.5 V				

(a) OPTIONAL EQUIP: Clock 13100, 200, 300 & 400; tach. opt. with V-8 engine; glove compt. lamp 13100, 200, 300 & 400; courtesy lamps exc std conv (door jam switches included on 13100, 200, 300 & 400); parking brake alarm; W/S washer for single-spd wiper; 2-spd wiper (including washer) exc std; 13700 & 13800; tailgate window control; folding top; radio; power seat; power windows; low note 3rd horn exc 131, 13200; overdrive; backup lamps 13100, 200, 300 & 400; cruise control; Powerglide; 4-spd w/V-8.

AMA Specifications - Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-6
13000 Std. L-6 & V-8	13100	13300	13500
MODEL Opt. L-6	13200	13400	13600
			13700
			13800

ELECTRICAL-LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-5400 5, dual headlight 2-4001, 2-4002.

Headlamps & arrangement		Dual, horizontal; outer, 2-4002; inner, 2-4001	
Headlamp beam indicator		1-1895	
Parking		2-1157	
Tail		2-1157	
Stop		2-1157	
Direction signal	Front	2-1157	
	Rear	2-1157	
	Indicator	2-1445	
License Plate		1-1155	
Oil pressure indicator		1-1895	Gage
Charge indicator		1-1895	Gage
Instrument		4-1895	6-1895
Clock	Instru. lamps (a) opt.	Instrument lamps (a)	Std.
Radio	1-1893		

Indicate also whether the following lamp assemblies are standard equipment, optional, or NA.

Ignition lock	Instru. lamps		Std.
Back up	2-1156 opt.	2-1156	Std.
Dome	1-211		Std.
Glove compartment	1-1895 opt.	1-1895	Std.
Prkg. brake signal	1-257		Opt.
Luggage compartment	1-1003		Opt. (NA Wagon)
Underhood	1-93		Opt.
Courtesy (Instr. pnl)	2-631 opt. exc std. conv.	2-631 (b)	Std.
Map	NA		
Ash tray	1-53		Opt.
Temp. Ind.	1-1895	std.	Gage Std.
Heater controls	1-1895		Std.
Auto. trans. pos	pattern ind. 1-1445	opt.	1-1895 Opt.
Spot lamp	Inside operated, 1-4405; portable, 1-4416		Opt.
Tachometer	Instrument lamps		Opt. with V-8
Traffic hazard ind.	1-1445		Opt.

(a) With tachometer option, 1-1895

(b) Seat separator courtesy std. with 4-speed or automatic, 1-211.



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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-65
1300 - Standard	13100	13300	13500
L-6 & V-8,	13200	13400	13600
MODEL Opt L6			13700
			13800

ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

Use trade number of fuse, e.g., SFE-10. Indicate circuit breaker by ampere 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 lamp SFE-10 (a), Direction indicator same as (a).

Headlamp	15 C. B.	(a)	Ash tray lamp	(c)
Headlamp beam indicator		(a)	Traffic haz. ind.	(b)
Parking lamp		(a)	Heater	AGC 10 (g)
Tail lamp	AGC 15	(b)	Air conditioning	Two AGC 30, one in "(g)"
Stop lamp		(b)	Defogging unit	(g)
Direction indicator	AGC 3	(c)	Spot lamp	(b)
License plate lamp		(b)	Courtesy lamp	(b)
Instrument lamp		(c)	Fuel gage	(d)
Ignition lamp	-----		Folding top motor	40 C. B.
Back up lamp	AGC 10	(d)	Power seats	40 C. B.
Dome lamp		(b)	Power windows	40 C. B.
Clock		(b)	Tailgate motor	40 C. B.
Clock lamp		(c)	OD solenoid	AGC 15
Radio	AGC 2.5			
Glove compartment lamp		(b)		
Cigarette lighter		(b)		
W/S wiper (sgl-spd)	SAE 20	(f)		
W/S wiper (2-spd)	"(f)" & 14 C. B.			
Parking brake alarm		(d)		
C. ge, temp & oil ind.		(d)		
Tachometer		(d)		
Heater controls lamp		(c)		
Autotrans. dial ind.		(c)		
Underhood lamp	SAE 4			
Lugg. compt. lamp		(b)		

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

Height above ground to center of bulb	Tail	Lowest		24.9 (27.4 wagons)	
		Highest		24.9 (27.4 wagons)	
	Stop			24.9 (27.4 wagons)	
	Backup			15.9 (24.2 wagons)	
	License, rear			16.4 (18.1 wagons)	
	Directional	Front			16.4 (17.0 wagons)
		Rear			24.9 (27.4 wagons)
Headlamp	Inside			26.4 (27.0 wagons)	
	Outside*			26.4 (27.0 wagons)	
Distance from C/L of car to center of bulb	Tail	Inside		29.1 (32.4 wagons)	
		Outside		29.1 (32.4 wagons)	
	Stop			29.1 (32.4 wagons)	
	Backup			29.1 (32.4 wagons)	
	License, rear			7.1	
	Directional	Front			26.3
		Rear			29.1 (32.6 wagons)
Headlamp	Inside			21.7	
	Outside*			26.3	

* If single headlamps are used enter here.

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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-66
13000 - Std. L-6 and V-8 Optional L-6	Std L-6	Opt L-6	Std L-6, Opt L-6
	3-Spd, OD	3-Spd, OD	HD (RPO M01)
MODEL			V-8 3-Spd, OD 4-Spd

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Chevrolet, single dry disc				(a)
Type pressure plate springs	Diaphragm				(b)
Effective plate pressure (lb.)	1250-1450	1700-1950	1900-2200	1700-1950	2100-2300
No. of clutch driven discs	One				
Clutch facing	Material	Woven type asbestos		(c)	Woven type asbestos
	Outside & inside dia.	9.12 & 6.12		10.0 & 6.0	10.0 & 6.5 10.4 & 6.5
	Total eff. area (sq.in.)	71.8		100.5	90.7 103.5
	Thickness	.135 ea.			
	Engagement cushioning method	Flat spring steel between facings			
Release bearing	Type & method of lubrication	Single row ball, packed and sealed			
Torsional damping	Methods: springs, friction material	Coil springs			

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	3-speed std., 4-speed opt. with V-8
Manual with overdrive (std. or opt.)	Optional
Automatic (std. or opt.)	Optional

DRIVE UNITS—MANUAL TRANSMISSION

Transmission ratios	Number of forward speeds	3	4	
	In first	2.94	2.56	
	In second	1.68	1.91	
	In third	1.00	1.48	
	In fourth	---	1.00	
	In reverse	2.94	2.64	
Synchronous meshing, specify gears		2nd and 3rd	Fwd gea	
Shift lever location		Steering column	Floor	
Lubricant	Capacity (pt.)	2.0		
	Type recommended	Military Spec. MIL-L-2105-B		
	SAE viscosity number	Summer	SAE 80	
		Winter	SAE 80	
Extreme cold		SAE 80		

- (a) Chevrolet, single dry disc, centrifugal.
- (b) Diaphragm, bent finger design.
- (c) Woven front and molded rear facings.



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AMA Specifications – Passenger Car

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MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (e) 2-22-65

13000 Standard L-6 & V-8 Opt. L-6	Std. L-6	Opt. L-6	Std. V-8
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DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type, (planetary or other)		Planetary	
	Manual lockout (yes, no)		Yes	
	Downshift accelerator control (yes, no)		Yes	
	Minimum cut-in speed		Output shaft RPM; deceleration 1100; acceleration 1440	
	Gear ratio		7:1	
	Lu- bri- cant	Capacity (pt.) (Overdrive only)		1
		Separate filler (yes, no)		No
		Type recommended		Meeting Military Spec. MIL-L-2105-B
		SAE vis- cosity number	Summer	SAE 80
			Winter	SAE 80
Ext. cold	SAE 80			

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name		Powerglide	
Type describe		Torque converter with planetary gears	
Method of Selection (Lever, Push Button or other)		Lever (Floor mounted 13700 & 800; steer. col. balance)	
Selector Pattern		P-R-N-D-L	
Gear ratios Selector Pattern and indicate which are used in each selector position		D - 1.82 to 1.0	
		L and R - 1.82	
Max. upshift speeds—drive range		51	53
Max. kickdown speeds—drive range		48	49
Torque converter	Number of elements		3
	Max. ratio at stall		2.40
	Type of cooling (air, water)		Air (a)
Lubricant	Capacity—refill (pt.)		3
	Type recommended		A w/suffix A
Special transmission features			

DRIVE UNITS—PROPELLER SHAFT

Number used		One
Type (exposed, torque tube)		Exposed, unsupported
Outer diameter x length* x wall thickness	Manual transmission	3.25 x 60.137 x .065
	Overdrive transmission	Same as 3-speed
	Automatic transmission	Same as 3-speed

*Center to center of universal joints, or to centerline of rear attachment.

(Continued)

Form Rev. 3-62

(a) Oil cooling equipment available optionally.



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AMA Specifications - Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-65	
13000 - Std. L-6			Std. V-8	
MODEL & V-8, Opt. L-6	Std. L-6	Opt. L-6	3-Speed	4-Speed

DRIVE UNITS—PROPELLER SHAFT (cont.)

Inter-mediate bearing	Type (plain, anti-friction)	None
	Lubrication (fitting, prepack)	----
Universal joints	Make	Chevrolet
	Number used	2
	Type (ball and trunion, cross, other)	Cross
	Bearing	Type (plain, anti-friction)
Lubric. (fitting, prepack)		Prepack
Drive taken through (torque tube or arms, springs)		Control arms
Torque taken through (torque tube or arms, springs)		Control arms

DRIVE UNITS—REAR AXLE

Description (see instructions)	Semi-floating, overhung pinion gear				
Limited Slip differential, type	Dual disc clutches				
Drive Pinion Offset	1.5				
No. of differential pinions	2				
Gear ratios (Std. equip.)	Manual transmission	3.08 (a)	3.08 (a)	3.08 (b)	
	Overdrive transmission	3.70	3.70	3.70	
	Automatic transmission	3.08 (a)	3.08 (a)	3.08 (b)	
Ring gear O.D. (std. ratio)	8.125				
Pinion adjustment (shim, other)	None				
Pinion bearing adj. (shim, other)	Shim				
Wheel bearing type	Sgl row cylindrical ball				
Lubricant	Capacity (pt.)	3.5			
	Type recommended	For conventional axles, Military Spec. MIL-L-2105-B			
	SAE viscosity number	Summer	SAE 80		
		Winter	SAE 80		
		Extreme cold	SAE 80		

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio	3.08	3.70	3.36
No. of teeth	Pinion	12	11
	Ring gear	37	37

(a) Station Wagons 3.36 (b) RPO L77 (250 HP) 3.36

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 9-28-64 **REVISED** (a) 2-22-65
MODEL 13000 - Std. L-6 & V-8, Opt. L-6 Sedans, Sport Coupes, Convertibles 2-Dr & 4-Dr Sta. Wagons, El Camino Sedan Pickup

DRIVE UNITS—WHEELS

Type & material		Short spoke disc, steel
Rim (size and flange type)	Std.	14 x 5J
	Opt.	
Attachment	Type (bolt or stud)	Bolt
	Circle diameter	4.75
	Number and size	5 Hex nuts, 7/16 - 20 UNF - 2B

DRIVE UNITS—TIRES Hyway, Tubeless, 2-Ply Blackwall except as noted.

Standard (List option below)	Size & ply	6.95 x 14-4PR	7.35 x 14-4PR
	Type - Nylon, etc.	Rayon	
Rev/mile at 50 mph.		814	805
Inflation press. (cold)	Front	24	24
	Rear	24	28
Optional tires - size and ply		(a)	(b)

BRAKES—SERVICE

		Standard	Metallic (Optional)
Type (duo-servo, disc, balanced, etc.)		Duo-servo, 4-whl hydraulic	
Self-adjusting (std., opt., N.A.)		Reverse self-adjusting, Std.	
Hydraulic system type (single, dual, etc.)		Single	
Power brake make & type (remote, integral, etc.)		Bendix, Delco-Moraine vacuum power unit assists master cylinder; integral.	
Effective area (sq. in.)*		168.9	118.1
Gross lining area (sq. in.)**		168.9	118.1
Swept drum area (sq. in.)***		268.6	
Percent brake effectiveness—front		59.4	
Drum	Diameter	Front	9.5
		Rear	9.5
Type and material		Composite: Cast iron rim; Steel web	
Wheel cylinder bore	Front	1.12	
	Rear	.9375	
Master cylinder bore		1.00	.875
Available pedal travel		6.70	
Line pressure at 100 lb. pedal load		783	1023
Shoe clearance adjustment		Self-adjusting	

* Excludes rivet holes, grooves, chamfers, etc. (Continued)
 ** Includes rivet holes, grooves, chamfers, etc.
 *** Total swept areas for four brakes
 Widest lining contact width for each brake x its drum circumference.

- (a): 7.35 x 14-4PR rayon B/W or W/W; 6.95 x 14-4PR rayon W/W.
 (b): 7.35 x 14-4PR rayon W/W.
 (a) and (b): 7.75 x 14-4PR (4 ply) nylon B/W or W/W; 7.75 x 14-4PR rayon B/W or W/W.



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AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED ^(a)	2-22-
MODEL	13000 - Std. L-6 & V-8, Opt. L-6	13100 13200	13300 13400	13500 13600	13700 13800		

BRAKES—SERVICE (cont.)			Standard	Metallic (Optional)	
Brake lining	Bonded or riveted		Bonded	Welded	
	Front Shoe	Material	Molded asbestos		Sintered iron
		Size (length x width x thickness)	Front wheel	9.01 x 2.5 x .17	1.64 x 1.25 x .175
			Rear wheel	9.01 x 2.00 x .17	1.64 x 1.0 x .175
		Segments per shoe		1	6
	Rear Shoe	Material	Molded asbestos		Sintered iron
		Size (length x width x thickness)	Front wheel	9.75 x 2.5 x .20	1.64 x 1.25 x .285
			Rear wheel	9.75 x 2.00 x .20	1.64 x 1.0 x .285
Segments per shoe		1	10		

BRAKES—PARKING		
Type of control	Pulley-cable linkage; foot pedal apply, handle release	
Location of control	Below instrument panel, left of steering column	
Operates on	Rear service brakes	
If separate from service brakes	Type (internal or external)	-----
	Drum diameter	-----
	Lining size (length x width x thickness)	-----

FRAME or UNITIZED CONSTRUCTION	
Type and description	All welded perimeter frame with front crossmember, rear suspension crossmember and rear crossmember.

SUSPENSION—GENERAL		(See Supplemental page 19 for details on Air Suspension)*
Provision for car leveling	Front stabilizer bar	
Provision for brake dip control	Mounting angle of front upper control arms	
Provision for acc. squat control	Geometry of rear suspension	
Special provisions for car jacking	Bumper jack provided; apply just outboard of bumper bolt at wheel requiring jacking.	
Shock absorber front & rear	Type	(a)
	Make	Delco products
	Piston dia.	1.00
Other special features		

SUSPENSION—FRONT	
Type and description	Independent - SLA type with coil spring and concentric shock absorber, and spherically jointed steering knuckle for each wheel.

* Air Suspension: (Continued)
 Air spring type
 Compressor data
 type
 make
 drive ratio

Normal operating pressures
 spring rates
 leveling data

(a) Direct, double-acting, hydraulic exc. air booster type on 13380, 480, 580 & 680.

Form Rev. 3-4



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MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (e)	2-22-65
MODEL	13000 Std. L-6 and V-8, Opt. L-6	13100 13200	13300 13400	13500 13600	13700 13800		

SUSPENSION FRONT (cont.)

Spring	Type	Coil	
	Material	Steel alloy	
	Size (coil design height & I.D.; bar length x dia.)	L-6: 12.59 & 3.63; 134.0 x .577	V-8: 12.59 & 3.63; 148.4 x .612
	Spring rate (lb. per in.)	225	250
	Rate at wheel (lb. per in.)	84	91
	Design load (lb. @ design height)	1380 @ 12.59	1550 @ 12.59
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & bar diameter	HR steel, .812	

STEERING

Manual (std., opt., NA)		Standard	
Power (std., opt., NA)		Optional	
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt: tilt achieved with universally-jointing steering shaft at base of steering wheel; 5 inch vertical travel range.	
	(std., opt., NA)	Optional	
Wheel diameter	Manual	16.5	
	Power	16.5	
Turning diameter	Outside front	Wall to wall (l. & r.)	44.7
		Curb to curb (l. & r.)	41.9
	Inside rear	Wall to wall (l. & r.)	
		Curb to curb (l. & r.)	26.6
Outside wheel angle with inside wheel at 20°		18.4°	
Manual	Gear	Type	Semi-reversible, recirculating ball nut
		Make	Saginaw
	Ratios	Gear	24:1
		Overall	28:1
No. wheel turns		5.48 lock to lock	
Power	Type (coaxial, linkage, etc.)		Coaxial
	Make		Saginaw
	Gear	Type	Same as manual
		Ratios	Gear
	Overall		20.4:1
	Pump driven by		Crankshft pulley
Number wheel turns		3.98 lock to lock	
Linkage	Type		Parallelogram
	Location (front or rear of wheels, other)		Front of wheels
	Drag link (trans. or longit.)		None
	Tie rods (one or two)		2

(Continued)



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AMA Specifications – Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (a)	2-22-6
	13000 - Std. L-6 & V-8	13100	13300	13500	13700		
MODEL	Optional - L-6	13200	13400	13600	13800		

STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		7-3/4 to 8-3/4
	Bearings (type)	Upper	Ball stud with non-metallic bearing surfaces
		Lower	Ball stud with non-metallic bearing surfaces
		Thrust	None
Wheel alignment (range and preferred)	Caster (deg.)		SS & Sedan Pickup, N1 to 0 (curb); Exc. SS & Sedan Pickup, N1-1/2 to N1/2 (curb)
	Camber (deg.)		0 to P1 (curb)
	Toe-in (outside tread-inches)		1/8 to 1/4 total (curb)
Steering spindle & joint type			Forging with pad for mounting brake cylinder, spherical
Wheel spindle	Diameter	Inner bearing	1.2493-1.2498
		Outer bearing	.7492-.7497
	Thread size		3/4-20 NEF - 3 (modified)
	Bearing type		Taper roller

SUSPENSION—REAR

Type and description			(a)	
Drive and torq. taken through (see page 17)			Control arms	
Spring	Type		Coil	
	Material		Steel alloy	
	Size (length x width, coil design height and I.D.; bar length & dia.)		L-6: 9.74 & 5.50; 108.1 x .516 V-8: 9.74 & 5.50; 108.1 x .516	
	Spring rate (lb. per in.)		100	
	Rate at wheel (lb. per in.)		103	
	Design load (lb. at design height)		560 @ 9.74 580 @ 9.74	
	Mounting insulation type		None	
	If leaf	No. of leaves		↑
		Inserts	Type and size	N. A.
			Material	↓
Shackle (comp. or tens.)		None		
Stabilizer	Type (link, linkless, frameless)		None	
	Material		---	
Track bar type			None	

(a) Link; two upper and two lower control arms supporting an integral rear beam consisting of cast iron differential carrier with pressed in tubular rear axle shaft housings.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-65
MODEL 13000	Sedans	Coupes	Convertibles
	2-Dr 4-Dr		
	Wagons	Pickup	Sedan
	2-Dr 4-Dr		

BODY – MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front							
	Rear doors	Front							
Type of finish (lacquer, enamel, other)		Acrylic lacquer							
Hood counterbalanced (yes, no)		Yes							
Hood release control (internal, external)		External							
Vehicle (Serial) No. Location		Left front body hinge pillar							
Engine No. Location		6-cyl - on crankcase, RH side of engine, rear of distributor 8-cyl - on top front of RH bank of cylinder and case							
Theft protection - type		Shielded ignition lock terminals key removable in "OFF" position.							
Vent window control method (crank, friction pivot)	Front	Friction pivot							
	Rear	None							
Seat cushion type	Front	Formed wire and .75 foam rubber pad (132-13400 (a))							
	Rear	Formed wire & jute & cotton pad (-132- 13400)(b)							
	3rd seat	None							
Seat back type	Front	Formed wire & cotton							
	Rear	Formed wire & cotton							
	3rd seat	None							
Windshield glass type (i.e., single curved - laminated plate)		Curved, laminated							
Backlight glass type (i.e., round curved - tempered plate, three piece)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">Curved</td> <td style="width: 25%; text-align: center;">Plastic</td> <td style="width: 25%; text-align: center;">Flat</td> <td style="width: 25%; text-align: center;">Curved</td> </tr> </table>	Curved	Plastic	Flat	Curved			
Curved	Plastic	Flat	Curved						
Side glass type (i.e., curved - tempered plate)		Curved							
Side glass exposed surface area		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">1406.9</td> <td style="width: 12.5%;">1356.2</td> <td style="width: 12.5%;">1395.6</td> <td style="width: 12.5%;">1281.4</td> <td style="width: 12.5%;">2529.6</td> <td style="width: 12.5%;">2560.6</td> <td style="width: 12.5%;">839.2</td> </tr> </table>	1406.9	1356.2	1395.6	1281.4	2529.6	2560.6	839.2
1406.9	1356.2	1395.6	1281.4	2529.6	2560.6	839.2			
Windshield glass exposed surface area		1107.1							
Backlight glass exposed surface area		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">1032.3</td> <td style="width: 12.5%;">897.7</td> <td style="width: 12.5%;">786.2</td> <td style="width: 12.5%;">768.4</td> <td style="width: 12.5%;">665.2</td> </tr> </table>	1032.3	897.7	786.2	768.4	665.2		
1032.3	897.7	786.2	768.4	665.2					
Total glass exposed surface area		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">3596.3</td> <td style="width: 12.5%;">3495.6</td> <td style="width: 12.5%;">3400.4</td> <td style="width: 12.5%;">3174.7</td> <td style="width: 12.5%;">3667.3</td> <td style="width: 12.5%;">4436.1</td> <td style="width: 12.5%;">2611.5</td> </tr> </table>	3596.3	3495.6	3400.4	3174.7	3667.3	4436.1	2611.5
3596.3	3495.6	3400.4	3174.7	3667.3	4436.1	2611.5			

BODY – CONVENIENCE EQUIPMENT (Indicate whether standard, optional or NA on each series)

Power windows	Side Windows	Optional
	Vent Windows	N. A.
	Backlight or tailgate	Optional tailgate window on 2-st wagons
Power seats (specify type as well as availability)		4-way elec. opt. (N. A. on bucket seats)
Reclining front seat back		N. A.
Front seat headrest		N. A.
Radios (specify type as well as availability)		Manual, push button AM-FM push button optional
Rear seat speaker		Optional
Power Antenna		N. A.
Clock		Std. on 135-136-137-13800; optional 131-132-133-13400
Air Conditioner (specify type and availability)		Four Season, Custom, opt.

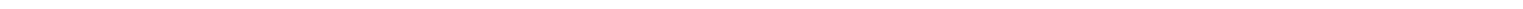
(a) 13600 1.75 foam pad; 13800 1.50 foam pad.
 (b) 136-13800 jute and 1.00 foam pad.



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AMA Specifications - Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (a) 2-22-65

WEIGHTS

Model	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT	
	Front	Rear	Total	Pass. In Front		Pass. In Rear		6-cyl	8-cyl
				Front	Rear	Front	Rear		
		194	283					194	283
		6-cyl	8-cyl					6-cyl	8-cyl
CHEVELLE 300									
131-13211 2-dr sedan		3015	3165	31	69			2870	3010
131-13215 2-dr wagon		3285	3435	31	69			3140	3275
131-13269 4-dr sedan		3045	3195	31	69			2900	3035
CHEVELLE 300 Deluxe									
133-13411 2-dr sedan		3015	3170	31	69			2870	3010
133-13435 4-dr wagon		3330	3480	31	69			3185	3320
133-13469 4-dr sedan		3055	3210	31	69			2910	3050
133-13480 sedan pickup		3070	3225	12	88			2925	3065
MALIBU									
135-13635 4-dr wagon		3370	3515	31	69			3225	3355
135-13637 2-dr coupe		3075	3225	38	62			2930	3065
135-13667 2-dr conv.		3170	3320	38	62			3025	3160
135-13669 4-dr sedan		3090	3240	31	69			2945	3080
135-13680 sedan pickup		3080	3235	12	88			2935	3075
MALIBU SUPER SPORT									
137-13837 2-dr coupe		3125	3275	38	62			2980	3115
137-13867 2-dr conv.		3220	3370	38	62			3075	3210
Accessories & Equipment Differential Weights				Remarks					
		194	283						
		6-cyl	8-cyl						
Air conditioning		+146	+174						
Brakes, power		+ 9	+ 9						
Heater, (delete)		+ 21	+ 21						
Radio, manual		+ 6	+ 6						
Radio, push button		+ 9	+ 9						
Seat, 4-way power		+ 20	+ 20						
Steering, power		+ 28	+ 28						
Transmission, pwr glide		+ 10	+ 14						
Transmission, 4-spd		-	+ 11						
Transmission, ovrdrive		+ 26	+ 26						
Windows, power		+ 21	+ 21						

* These are weights that are reported to states for licensing purposes.



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AMA Specifications – Passenger Car

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AMA Specifications – Passenger Car

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown below. This uniform specification form was developed by the automobile manufacturing companies under the auspices of the Automobile Manufacturers Association.

MANUFACTURER Chevrolet Motor Division General Motors Corporation	CAR NAME CHEVELLE 132-134-136-13800 327 cu. - 8-cyl (opt.)				
MAILING ADDRESS Owner Relations Service General Motors Bldg. Detroit, Michigan	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">MODEL YEAR 1965</td> <td style="width: 50%;">ISSUED: 9-28-64</td> </tr> <tr> <td colspan="2">REVISED (*)</td> </tr> </table>	MODEL YEAR 1965	ISSUED: 9-28-64	REVISED (*)	
MODEL YEAR 1965	ISSUED: 9-28-64				
REVISED (*)					

NOTES:

1. The Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.

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2-Door Station Wagon, 2-seat	13215
4-Door Sedan, 6-Pass.	13269
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4-Door Sedan, 6-Pass.	13469
2-Door Sedan Pickup, 3-Pass.	13480
MALIBU	
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2-Door Convertible, 5-Pass.	13667
4-Door Sedan, 6-Pass.	13669
2-Door Sedan Pickup, 3-Pass.	13680
MALIBU SUPER SPORT	
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2-Door Convertible, 4-Pass.	13867



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MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (e)

GENERAL SPECIFICATIONS — DIMENSIONS

(All dimensions in inches unless otherwise indicated)
(Supplemental data available on request)

MODEL	Ref. No.	SEDANS		SPORT COUPES		CONVERT.		WAGONS		SEDAN
		2-DR	4-DR	BN	BKT	BN	BKT	2-seat	3-seat	PICKUP

FRONT COMPARTMENT

	Ref. No.	58.8							
Shoulder room	W3	58.8							
Max. eff. leg room - accelerator	L34	42.0	42.1	42.0	42.1	42.0	42.1	42.0	41.8
Effective head room	H61	38.6	37.8	37.9	38.7	38.6	38.2	38.5	38.5
H Point to Heel point	H30	8.1	7.7				8.1	7.9	7.9
Upper body opening to ground	H50	49.2							

REAR COMPARTMENT

Shoulder room	W4	57.4	58.8	56.8	45.6	57.4	58.8	-
H Point couple distance	L50	33.6	31.5	31.6	31.5	31.6	33.6	-
Minimum effective leg room	L51	35.9	36.3	33.3	33.2	33.3	33.2	35.9
Effective head room	H63	37.3	36.7	36.8	38.4	-	-	

STATION WAGON—THIRD SEAT

Shoulder room	W85	
Effective leg room	L86	None
Effective head room	H86	

LUGGAGE COMPARTMENT

Usable luggage capacity (See instr.)	V1	16.8	16.7	16.5	-	-
Liftover height	H195	20.6			17.8	-
Position of spare tire storage		Hor. right rr. trunk floor			Rt. rr. qtr.	Bk. frt. seat
Method of holding lid open		Torsion bars counterbalanced				-

STATION WAGON—CARGO SPACE

Minimum distance between wheel houses at floor level	W201	42.4
Rear end opening width at belt	W204	53.0
Floor length from back of front seat at floor level to inside of closed tail gate	L202	92.1
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	80.8
Maximum height - floor covering to headlining at centerline of rear axle	H201	31.3
Maximum height of rear opening - tail and lift gates open	H202	28.5
Cargo volume index (cu.ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	86.0

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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED(*)

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL	13200-400	Additional Information Page No.:	327 Cu. In. V-8 Engines (Opt.)		
	13600-800		RPO L30 250 HP	RPO L74 300 HP	RPO L79 350 HP
Wheelbase (L101)	23		115.0		
Tread	Front (W101)	22	58.0		
	Rear (W102)	22	58.0		
Maximum Overall Dimensions	Length (L103)	23	196.6, Wagons 201.4		
	Width (W103)	22	74.6		
	Height (H101)	24	Sed. 53.2, Sp. Coupes 52.8, Wagons 55.1, Conv. 52.9		
Transmission (Specify trade name - opt., not available)	Manual	15	L30	L74	L79
			3-Speed Std., 4-Speed Opt.		
	Overdrive	16	NA		
Automatic	16	Optional		NA	
Axle ratio	Manual	17	3	3.07	3.31
		17	4	3.07	3.31
	Overdrive	17	NA		
	Automatic	17	3.07	3.31	NA
Tire size	18	7.35 x 14			
Engine	Type, no. cyl., valve arr.	2	90° OHV V-8		
	Fuel system (Carb., other)	8	Carburetor		
	Bore and stroke	2	4.001 x 3.250		
	Piston displ., cu.in.	2	327		
	Std. compression ratio	2	10.5:1		11.0:1
	Max. bhp at engine rpm	2	250 @ 4400	300 @ 5000	350 @ 5800
	Max. torque at rpm	2	350 @ 2800	360 @ 3200	360 @ 3600



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AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED ^(a)
	13200-400 13600-800	RPO L30 250 HP	327 Cu. In. V-8 Engines (Optional)	RPO L74 300 HP	RPO L79 350 HP	

ENGINE—GENERAL

Type, no. cyls., valve arr.	90° OHV V-8		
Bore and stroke (nominal)	4.001 x 3.250		
Piston displacement, cu. in.	327		
Bore spacing (C/L to C/L)	4.40		
No. system (front to rear)	L. Bank	1-3-5-7	
	R. Bank	2-4-6-8	
Firing order	1-8-4-3-6-5-7-2		
Compres. ratio (nominal)	10.5:1	11.0:1	
Cylinder Head Material	Cast alloy iron		
Cylinder Block Material	Cast alloy iron		
Cylinder Sleeve-Wet, dry, none	None		
Number of mounting points	Front	Two	
	Rear	One	
Engine installation angle	5° 11'		
Taxable horsepower	51.2		
Published max. bhp* @ eng. RPM	250 @ 4400	300 @ 5000	350 @ 5800
	350 @ 2800	360 @ 3200	360 @ 3600
Recommended fuel regular - premium	Premium		
Idle speed (spec. neutral or drive)	Manual	500 in neutral	
	Automatic	475 in drive	

ENGINE—PISTONS

Material	Cast aluminum alloy		Alum. impact extruded	
Description and finish	Flat head, notched slipper skirt		Domed head; slipper skirt	
Weight (piston only) oz.	21.60		20.40	
Clearance (limits)	Top land	.0365-.0455		
	Skirt	Top	.0005-.0011(a)	
		Bottom	.0039-.0045(b)	
Ring groove depth	No. 1 ring	.2217-.2283		
	No. 2 ring	.2217-.2283		
	No. 3 ring	.2038-.2103		
	No. 4 ring			

*Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

(a) Measured at 2.24 from top of piston

(b) Measured at 2.32 from top of piston

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AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (a)
	13200-400		327 Cu. In. V-8 Engines (Optional)			
MODEL	13600-800	RPO L30 250 HP	RPO L74 300 HP	RPO L79 350 HP		

ENGINE—GENERAL

Type, no. cyls., valve arr.	90° OHV V-8		
Bore and stroke (nominal)	4.001 x 3.250		
Piston displacement, cu. in.	327		
Bore spacing (C/L to C/L)	4.40		
No. system (front to rear)	L. Bank	1-3-5-7	
	R. Bank	2-4-6-8	
Firing order	1-8-4-3-6-5-7-2		
Compres. ratio (nominal)	10.5:1	11.0:1	
Cylinder Head Material	Cast alloy iron		
Cylinder Block Material	Cast alloy iron		
Cylinder Sleeve—Wet, dry, none	None		
Number of mounting points	Front	Two	
	Rear	One	
Engine installation angle	5° 11'		
Taxable horsepower	51.2		
Published max. bhp* @ eng. RPM	250 @ 4400	300 @ 5000	350 @ 5800
Published max. torque* lb. ft. @ RPM	350 @ 2800	360 @ 3200	360 @ 3600
Recommended fuel regular - premium	Premium		
Idle speed (spec. neutral or drive)	Manual	500 in neutral	
	Automatic	475 in drive	

ENGINE—PISTONS

Material	Cast aluminum alloy	Alum. impact extruded	
Description and finish	Flat head, notched slipper skirt	Domed head; slipper skirt	
Weight (piston only) oz.	21.60	20.40	
Clearance (limits)	Top land	.0365-.0455	
	Skirt	Top	.0005-.0011(a)
		Bottom	.0039-.0045(b)
Ring groove depth	No. 1 ring	.2217-.2283	
	No. 2 ring	.2217-.2283	
	No. 3 ring	.2038-.2103	
	No. 4 ring		

*Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

(a) Measured at 2.24 from top of piston

(b) Measured at 2.32 from top of piston

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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (e)

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first)	
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM			
13200 13400 13600 13800	327 *	4 Bbl	10.5:1	250 [†] @ 4400	350 @ 2800	3-Speed 4-Speed* Powerglide*	3.07:1 3.07:1 2.73:1 (a)	
		Large 4 Bbl Alum		11.0:1	300 @ 5200	360 @ 3200	3-Speed 4-Speed* Powerglide*	3.31:1 (a) 3.31:1 (a) 3.07:1
		Large 4 Bbl			350 @ 5800	360 @ 3600	3-Speed 4-Speed*	3.31:1 3.31:1
(a) 3.07:1 on El Camino models								
* Optional								



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AMA Specifications – Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (a)
	13200-400			327 Cu. In. V-8 Engines (Optional)		
MODEL	13600-800	RPO L30	RPO L74	RPO L79		
		250 HP	300 HP	350 HP		

ENGINE—RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression	
	No. 2, oil or comp.	Compression	
	No. 3, oil or comp.	Oil	
	No. 4, oil or comp.	None	
Compression	Description - material, type, coating, etc.	Upper Cast alloy iron, inside bevel Chrome plated	Cast alloy iron, inside bevel Molybdenum coating
		Lower Two Piece; cast alloy iron ring Wear resistant casting & steel expander	Cast alloy iron-Moly.coa
	Width	Upper .0775-.0780; Lower .0770-.0775	
	Gap	Upper .013-.023; Lower .013-.025	Upper & Lower .013-.025
Oil	Description - material, type, coating, etc.	Multi-piece (2 rails and one spacer expander) Rails - Steel, chrome plated OD Expander - Stainless steel	
	Width	.1840-.1880 assembled	
	Gap	.015-.055	
Expanders		In oil ring assembly	

ENGINE—PISTON PINS

Material	Chromium steel		
Length	2.990-3.010		
Diameter	.9270-.9273		
Type	Locked in rod		
	Locked in rod, in piston, floating, etc.	Locked in rod	
Bushing	In rod or piston	None	
	Material	--	
Clearance	In piston	.00015-.00025	.00045-.00055
	In rod	None	
Direction & amount offset in piston		Major thrust side .060	On center

ENGINE—CONNECTING RODS

Material	Drop forged steel		
Weight (oz.)	20.00		
Length (center to center)	5.699-5.701		
Bearing	Material & Type	Premium aluminum	
	Overall length	.807	
	Clearance (limits)	.0007-.0028	
	End play	.009-.013	



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AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED	(*)
	13200-400		327 Cu. In. V-8 Engines (Optional)				
MODEL	13600-800	RPO L30 250 HP	RPO L74 300 HP	RPO L79 350 HP			

ENGINE—CRANKSHAFT

Material		Forged steel	
Vibration damper type		Rubber mounted inertia damper	
End thrust taken by bearing (No.)		Five	
Crankshaft end play		.002-.006	
Main bearing	Material & type	Premium aluminum except No. 5 upper steel backed babbitt	
	Clearance	#1 thru #4 - .0008-.0034; #5 - .0010-.0036	
	Journal dia. and bearing overall length	No. 1	2.3013 x .752 2.3009 x .752
		No. 2	2.3009 x .752
		No. 3	2.3009 x .752
		No. 4	2.3009 x .752
		No. 5	2.3006 x 1.1824
		No. 6	None
No. 7		None	
Dir. & amt. cyl. offset		None	
Crankpin journal diameter		1.999-2.000	

ENGINE—CAMSHAFT

Location		In block above crankshaft	
Material		Cast alloy iron	
Bearings	Material	Extra life steel backed babbitt	
	Number	Five	
Type of Drive	Gear or chain	Chain	
	Crankshaft gear or sprocket material	Steel sprocket	
	Camshaft gear or sprocket material	Cast alloy iron	
	Timing chain	No. of links	40
		Width	.875
Pitch		.500	

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		Standard
Valve rotator, type (intake, exhaust)		None
Rocker ratio		1.5:1
Operating tappet clearance (indicate hot or cold)	Intake	Zero
	Exhaust	Zero
Timing marks on flywheel, damper, other		Damper

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED	(*)
MODEL	13200-400 13600-800	RPO L30 250 HP	327 Cu. In. V-8 Engines (Optional)	RPO L74 300 HP	RPO L79 350 HP		

ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	32° 30'	54°	
		Closes (°ABC)	87° 30'	108°	
		Duration - deg.	300°	342°	
	Exhaust	Opens (°B8C)	74° 30'	102°	
		Closes (°ATC)	45° 30'	60°	
		Duration - deg.	300°	342°	
Valve opening overlap		78°	104°		
Intake	Material		Alloy steel		
	Overall length		4.870-4.889		
	Actual overall head dia.		1.935-1.945	2.017-2.023	
	Angle of seat & face		46° (seat) 45° (face)		
	Seat insert material		None		
	Stem diameter		.3404-.3417		
	Stem to guide clearance		.0010-.0027		
	Lift (@ zero lash)		.3987	.4472	
	Outer spring press. and length	Valve closed (lb. @ in.)	78-86 @ 1.66		
		Valve open (lb. @ in.)	170-180 @ 1.26		
	Inner spring press. and length	Valve closed (lb. @ in.)	Spring damper		
		Valve open (lb. @ in.)	Spring damper		
	Exhaust	Material		High alloy steel (aluminized face)	
		Overall length		4.913-4.933	4.891-4.910
Actual overall head dia.		1.495-1.505	1.595-1.605		
Angle of seat & face		46° (seat) 45° (face)			
Seat insert material		None			
Stem diameter		.3410-.3417			
Stem to guide clearance		.0010-.0027			
Lift (@ zero lash)		.3987	.4472		
Outer spring press. and length		Valve closed (lb. @ in.)	78-86 @ 1.66		
		Valve open (lb. @ in.)	170-180 @ 1.26		
Inner spring press. and length	Valve closed (lb. @ in.)	Spring damper			
	Valve open (lb. @ in.)	Spring damper			

ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Splash
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Nozzle
	Cylinder walls	Pressure, jet cross sprayed

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AMA Specifications – Passenger Car

MAKE OF CAR <u>CHEVELLE</u>	MODEL YEAR <u>1965</u>	DATE ISSUED <u>9-28-64</u> REVISED (*)	
<u>13200-400</u>	<u>327 Cu. In. V-8 Engines (Optional)</u>		
MODEL	<u>RPO L30</u> <u>250 HP</u>	<u>RPO L74</u> <u>300 HP</u>	<u>RPO L79</u> <u>350 HP</u>

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Gear
Normal oil pressure (lb. @ engine rpm)	30-45 PSI @ 1500
Oil pressure sending unit (elect. or mech.)	Electric
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, partial, other)	Full flow
Filter replacement (element, complete)	Element
Capacity of crankcase, less filter-refill (qt.)	4
Oil grade recommended (SAE viscosity and temperature range)	32° F and Above ----- SAE20W, SAE20, or SAE10W-30 0° F and Above ----- SAE10W or SAE10W-30 Below 0° F ----- SAE5W or SAE5W-20
Engine Service Requirement (MM, MS, etc.)	MS or DG

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single with crossover	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, with resonator	Two; reverse flow with resonators
Exhaust pipe dia. (O.D. wall thickness)	2.0 x .084-.104	2.50 x .073-.091 laminated
Tail pipe diameter (O.D. & wall thickness)	2.00 x .062-.076	

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard Optional	Ventilates to induction system
Control unit	Make and model	
	Location	At carburetor base
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold vacuum
	Control method (variable orifice, fixed orifice, other)	Variable orifice
Complete system	Discharges (to intake manifold, carb. air intake, air cleaner intake, other)	Intake manifold
	Air inlet (breather cap, carburetor air cleaner, other)	Breather cap
	Flame arrestor (screen, check valve, other)	Screen

* - SAE5W-30 can be used as an alternate for 5W; 5W-20 or 10W-30.



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AMA Specifications— Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (*)
	13200-400			327 Cu. In. V-8 Engines (Optional)		
MODEL	13600-800	RPO L30	RPO L74	RPO L79		
		250 HP	300 HP	350 HP		

ENGINE—FUEL SYSTEM

(See Supplement to Page 8 for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.		Carburetor
Fuel Tank	Capacity (gals.)	20
	Filler location	Behind hinged rear license plate (A)
Fuel Pump	Type (elec. or mech.)	Mechanical
	Locations	Lower right front of engine
	Pressure range	5.25-6.50 PSI 6.00-7.50 PSI
Vacuum booster (std., optional, none)		None
Fuel Filter	Type	Fine mesh plastic strainer in gas tank
	Locations	Sintered bronze filter in carburetor inlet on RPO L30 (B)
Carburetor	Choke type	Automatic
	Intake manifold heat control (exhaust or water)	Exhaust
	Air clnr. type	Oil-wetted paper element
	Standard	
	Optional	

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
13200 13400 13600 13800	327 250 hp	3-Speed	Rochester	7025127	One; 4 Bbl Down-draft	1.44 (P) 1.44 (S)
		4-Speed Powerglide	Rochester	7025126		
	327 300 hp	4-Speed	Carter	3851761	One; 4 Bbl Down-draft	1.5625 (P) 1.6875 (S)
		Powerglide	Carter	3851762		
	327	4-Speed	Holley	3863150	One; 4 Bbl Down-draft	1.5625 (P) 1.5625 (S)

(A) - Left rear quarter on Station Wagon and Sedan Pickup models.
 (B) - Glass bowl with paper element (RPO L74)
 In-line, paper element (RPO L79)



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AMA Specifications – Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED(*)
	13200-400			327 Cu. In. V-8 Engines (Optional)		
MODEL	13600-800	RPO L30 250 HP	RPO L74 300 HP	RPO L79 350 HP		

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure		
Radiator cap relief valve pressure		13 ±1 PSI		
Circulation thermostat	Type (choke, bypass)	Choke		
	Starts to open at (°F)	177° -183° F		
Water pump	Type (centrifugal, other)	Centrifugal		
	GPM @ 1000 pump rpm	57 @ 4400		
	Number of pumps	One		
	Drive (V-belt, other)	V-Belt		
Bearing type		Double row ball		
By-pass recirculation type (internal, external)		Internal	External	
Radiator core type (cellular, tube and fin, other)		Tube on center		
Cooling system capacity	With heater (qt.)	16	18	
	Without heater (qt.)	15	17	
	Opt. equipment—specify (qt.)	18	18	
Water jackets full length of cylinder (yes, no)		Yes		
Water all around cylinder (yes, no)		Yes		
Radiator hose	Lower	Number and type (molded, straight)	One, molded	
		Inside diameter	1.75	
	Upper	Number and type (molded, straight)	One, molded	
		Inside diameter	1.50	
	By-pass	Number and type (molded, straight)	None	One, molded
		Inside diameter	None	.725-.765
Fan	Number of blades & Spacing		5. Staggered	
	Diameter		18.00	
	Ratio-fan to crankshaft rev.		949:1	
	Fan cutout type		Thermo-modulated - viscous coupling	
	Bearing type		Double row ball	
*Drive belts (indicate belt used by letter)	Fan		A	
	Generator		A	
	Water Pump		A	
	Power Steering		B	
	Air Conditioning		C	NA

* Drive Belt Dimensions	A	B	C
Angle of V	38° -42°		
Nominal length (SAE)	53.50	41.50	53.25
Width	.380		

* With Heater



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AMA Specifications – Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965
		DATE ISSUED	9-28-64
		REVISED^(a)	
		327 Cu. In. V-8 Engines (Optional)	
MODEL	13200-400	RPO L30	RPO L74
	13600-800	250 HP	300 HP
			RPO L79
			350 HP

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Delco 1980558		
	Voltage Rtg. & Total Plates	12 Volt - 66 Plate		
	SAE Designation & Amp Hr. Rtg	61 Amp/Hr @ 20 Hr Rate		
	Location	Right front engine compartment		
	Terminal grounded	Negative		
Generator	Make	Delco-Remy		
	Model	#1100693		
	Type	Diode rectified		
	Ratio—Gen. to Cr/s rev.	2.46:1		
	Gen. cut-in (hot)—engine rpm	Idle		
Regulator	Make	Delco-Remy		
	Model	#1119515		
	Type	Vibrator		
	Cutout relay	Closing voltage @ generator rpm	None	
		Reverse current to open		
	Regulated	Voltage	13.8-14 @ 85°F	
		Current		
	Voltage test conditions	Temperature	Operating	
Load		3-8 Amperes		
Other		None		

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Delco-Remy		
	Model	1107247	1107320	
	Rotation (drive end view)	Clockwise		
	Engine cranking speed			
	Test conditions	Engine at operating temperatures		
	Lock test	Amps		
		Volts		
		Torque (lb. ft.)		
	No load test	Amps	65-100	
		Volts	10.6	
RPM (min.)		3600-5100		
	Switch (solenoid, manual)	Solenoid		
Motor control	Starting procedure	<p>SYNCHROMESH - Place gearshift in neutral and depress clutch to floor. POWERGLIDE - Place control lever in N or P position. INITIAL START - Press accelerator pedal to floor once to set the automatic choke, then release. Turn ignition to START - release as soon as engine starts.</p>		

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AMA Specifications – Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965
		DATE ISSUED	9-28-64
		REVISED	(*)
	13200-100	327 Cu. In. V-8 Engines (Optional)	
MODEL	13600-800	RPO L30 250 HP	RPO L74 300 HP
			RPO L79 350 HP

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type	Positive shift solenoid	
	Pinion meshes (front, rear)	Rear	
	Number of teeth	Pinion	9
		Flywheel	153
	Flywheel tooth face width	.4010-.4130	

ELECTRICAL—IGNITION SYSTEM

Coil	Make	Delco-Remy		
	Model	#1115204	#1115202	
	Amps	Engine stopped	4.0	
Engine idling		1.8		
Distributor	Make	Delco-Remy		
	Model	#1111075	#1111071	
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	750	750
		Intermediate points deg. @ rpm		
	Max deg. @ rpm	26 @ 4100	30 @ 5100	
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	6.00	4.00
		Intermediate points, deg @ in Hg		
		Max. deg. in. Hg.	22 @ 12	7 @ 17.5
	Breaker gap (in.)	.019		
	Cam angle (deg.)	28° - 32°		
Breaker arm tension (oz.)	19-23			
Timing	Crankshaft deg. @ rpm.			
	Mark location	Vibration damper		
	Cylinder numbering system (see page 2)	Left bank 1-3-5-7 Right bank 2-4-6-8		
Firing order (see page 2)	1-8-4-3-6-5-7-2			
Spark Plug	Make and model	AC44		
	Thread (mm)	14		
	Tightening torque (lb. ft.)	25		
	Gap	.033-.038		
Cable	Conductor type	Linen core impregnated with electrical conducting material		
	Insulation type	Rubber with neoprene jacket		
	Spark plug protector	Hypalon jacket		

ELECTRICAL—SUPPRESSION

Locations & type	Non-metallic high tension ignition cables
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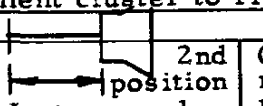
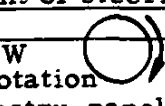
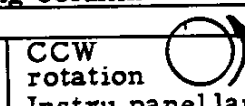
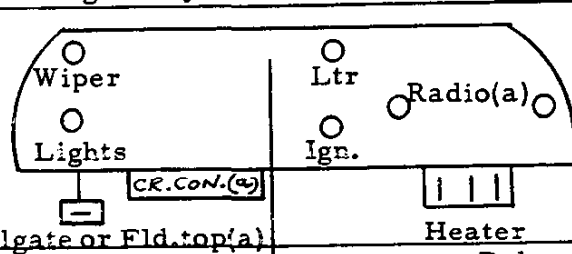
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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a)
Opt. Hi-Performance 13000 Engines MODEL L30, L74, L79	13200	13400	13600 13800

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	Make	AC			
	Trip odometer (yes, no)	No			
Charge indicator—type		Tell-Tale	Gage		
Temperature indicator—type		Tell-Tale	Gage		
Oil pressure indicator—type		Tell-Tale	Gage		
Fuel indicator—type		Electric gage			
Other		Cigarette lighter, clock (a), tachometer (a)			
Ignition switch	Identify positions in order and circuits controlled	ACCESSORY OFF ON START		ACCESSORIES - access. (ignition off). OFF - off, locked ON - ignition, batt., accessories. START - starter motor, spring return to ON.	
	Provision for illumination	Instrument lamps			
	Location	Instrument cluster to right of steering column			
Main lighting switch	Identify positions and lamps controlled	 1st position Instru. panel lamps, parking, tail and license lamps.	 2nd position Instru. panel lamps, parking, tail and license lamps.	 CW rotation Instru. panel lamps dim to off.	 CCW rotation Instru. panel lamps off to bright; full CCW rotation, dome lamp and/or courtesy lamps on.
		Other light switches	Locations and lamps controlled Toe panel - hdlp. dimmer. Glove compt. - glove compt, lamp (a). Frt. door hinge pillars - dome &/or courtesy lamps(a). St. column - direct, signal indicators & lamps. Brake pedal pendant - stop lamps. Parking brake lever - parking brake alarm(a). Steering mast jacket-back up lamps except 4-spd & 13800 w/PG(a).		
Other switches	Locations and devices controlled	 Left side of frt. seat lower panel - pwr. seats (a). Door & qtr. trim panels - power windows (a).			
Windshield wiper	Make	Delco			
	Type	Electric: single-speed except two-speed for 13800 (a)			
	Vacuum booster provision	None			
	Washer provision	With two-speed wiper (a)			
Horn	Type	Vibrator			
	Number used	Two(a)			
	Amp draw (each)	8.0-11.0 @ 12.5V			

(a) OPTIONAL EQUIPMENT: clock 13200 & 400; tach. except std. with 13800 with 4-speed glove compt. lamp 13200 & 400; courtesy lamps except std, convertible (door jam switch included with 13200 & 400); parking brake alarm; W/S washer for single-spd; two-speed wiper (including washer) except std. 13800; tailgate window control; folding top; radio; power seats; power windows; low note horn; back up lamps 13200 & 400; cruise control Powerglide; 4-speed.



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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64 REVISED (a)	
Opt. Hi-Perf. 13000 Engines MODEL L30,74,79	13200	13400	13800

ELECTRICAL—LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-5400 S, dual headlight 2-4001, 2-4002.

Headlamps & arrangement		Dual, horizontal; outer, 2-4002; inner, 2-4001		
Headlamp beam indicator		1-1895		
Parking		2-1157		
Tail		2-1157		
Stop		2-1157		
Direction signal	Front	2-1157		
	Rear	2-1157		
	Indicator	2-1445		
License Plate		2-1155		
Oil pressure indicator		1-1895	Gage	
Charge indicator		1-1895	Gage	
Instrument		4-1895	6-1895	
Clock		Instrument lamps (a)	Opt.	Instrument lamps (a) Std.
Radio		1-1893 Opt.		

Indicate also whether the following lamp assemblies are standard equipment, optional, or NA.

Ignition lock	Instrument lamps			Std.
Back up	2-1156	Opt.	2-1156	Std.
Dome	1-211			Std.
Glove compartment	1-1895	Opt.	1-1895	Std.
Prkg. brake signal	1-257			
Luggage compartment	1-1003			Opt. (NA wagons)
Underhood	1-93			Opt.
Courtesy	Instrument panel, 2-631 Opt. except std. conv.		2-631(b)	Std.
Ash tray	1-53			
Temp. indicator	1-1895		Std.	Gage Std.
Heater controls	1-1895			
Auto. trans. dial indicator	1-1445		Opt.	1-1895 Opt.
Traffic hazard indicator	1-1445			Opt.

(a) With tach. option, clock illuminated with 1-1895.

(b) Std. seat separator courtesy, 1-211, with 4-speed or automatic.

OTHER BULBS

<u>Spot lamp</u>			
Portable	1-4416		Opt.
Inside operated	1-4405		Opt.



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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (a)
 Hi-Performance
 13000 Engines
 MODEL L30,74,79

ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

Use trade number of fuse, e.g., SFE-10. Indicate circuit breaker by ampere 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 lamp SFE-10 (a), Direction indicator same as (a).

Headlamp	15 C. B. (a)	Ash tray lamp	(c)
Headlamp beam indicator	(a)	Traffic haz. ind.	(b)
Parking lamp	(a)	Heater	AGC 10 (g)
Tail lamp	AGC 15 (b)	Air conditioning	Two AGC 30, one in "(g)"
Stop lamp	(b)	Defogging unit	(g)
Direction indicator	AGC 3 (c)	Spot lamp	(b)
License plate lamp	(b)	Courtesy lamp	(b)
Instrument lamp	(c)	Fuel gage	(d)
Ignition lamp	----	Folding top motor	40 C. B.
Back up lamp	AGC 10 (d)	Power seats	40 C. B.
Dome lamp	(b)	Power windows	40 C. B.
Clock	(b)	Tailgate motor	40 C. B.
Clock lamp	(c)		
Radio	AGC 2.5 (e)		
Glove compartment lamp	(b)		
Cig. lighter	(b)		
W/S wiper (single-speed)	SAE 20 (f)		
W/S wiper (two-speed)	"(f)" & 14 C. B.		
Parking brake alarm	(d)		
Charge temp. & oil ind.	(d)		
Tachometer	(d)		
Heater controls lamp	(c)		
Auto. trans. dial ind.	(c)		
Underhood lamp	SAE 4		
Lugg. compt. lamp	(b)		

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

Height above ground to center of bulb	Tail	Lowest	24.9 (27.4 wagons)
		Highest	24.9 (27.4 wagons)
	Stop		24.9 (27.4 wagons)
	Backup		15.9 (24.2 wagons)
	License, rear		16.4 (18.1 wagons)
	Directional	Front	16.4 (17.0 wagons)
		Rear	24.9 (27.4 wagons)
	Headlamp	Inside	26.4 (27.0 wagons)
		Outside*	26.4 (27.0 wagons)
	Distance from C/L of car to center of bulb	Tail	Inside
Outside			29.1 (32.4 wagons)
Stop		29.1 (32.4 wagons)	
Backup		29.1 (32.4 wagons)	
License, rear		7.1	
Directional		Front	26.3
		Rear	29.1 (32.6 wagons)
Headlamp		Inside	21.7
		Outside*	26.3

* If single headlamps are used enter here.



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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (*)
Opt. Hi-Performance 13000 Engines, L30,	L30	L74	L79
MODEL L74, L79	3-Spd, Std., 4-Spd. Opt.		

DRIVE UNITS--CLUTCH (Manual Transmission)

Make & type	Chevrolet, single dry disc, centrifugal		
Type pressure plate springs	Diaphragm, bent finger design		
Effective plate pressure (lb.)	2100-2300		
No. of clutch driven discs	One		
Clutch facing	Material	Woven type asbestos	
	Outside & inside dia.	10.4 & 6.5	10.0 & 6.5
	Total eff. area (sq.in.)	103.5	90.7
	Thickness	.135 ea.	
	Engagement cushioning method	Flat spring steel between facings	
Release bearing	Type & method of lubrication	Single row ball, packed and sealed	
Torsional damping	Methods: springs, friction material	Coil springs	

DRIVE UNITS--TRANSMISSIONS

Manual (std. or opt.)	3-Speed Std., 4-Speed Opt.		
Manual with overdrive (std. or opt.)	NA		
Automatic (std. or opt.)	Optional	NA	

DRIVE UNITS--MANUAL TRANSMISSION

Number of forward speeds		3-Speed	4-Speed
Transmission ratios	In first	2.58	2.56
	In second	1.48	1.91
	In third	1.00	1.48
	In fourth	---	1.00
	In reverse	2.58	2.64
Synchronous meshing, specify gears		2nd & 3rd	All forward gears
Shift lever location		Steering column	Floor
Capacity (pt.)		2.0	2.5
Type recommended		Meeting Military Spec. MIL-L-2105-B	
Lubricant	SAE viscosity number	Summer	SAE 80
		Winter	SAE 80
		Extreme cold	SAE 80



AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (*)
Opt. Hi-Performance 13000 Engines L30, L74, L79	L30	L74	L79
MODEL			

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE - NA

For transmission data see manual transmission section

Overdrive	Type (planetary or other)		
	Manual lockout (yes, no)		
	Downshift accelerator control (yes, no)		
	Minimum cut-in speed		
	Gear ratio		
Lu- bri- cant	Capacity (pt.) (Overdrive only)		
	Separate filler (yes, no)		
	Type recommended		
	SAE vis- cosity number	Summer	
		Winter	
Ext. cold			

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	Powerglide	NA
Type describe	Torque converter with planetary gears	
Method of Selection (Lever, Push Button or other)	Lever (steering column except floor 13800)	
Selector Pattern	P-R-N-D-L	
List gear ratios Selector Pattern and indicate which are used in each selector position	DRIVE - 1.76 and 1.0 LOW and REVERSE - 1.76	
Max. upshift speeds—drive range	58	65
Max. kickdown speeds—drive range	59	61
Torque converter	Number of elements	
	3	
	Max. ratio at stall	
2.10		
Type of cooling (air, water)		Water
Lubricant	Capacity—refill (pt.)	
	3	
Type recommended		A suffix A
Special transmission features		

DRIVE UNITS—PROPELLER SHAFT

Number used		One		
Type (exposed, torque tube)		Exposed, unsupported		
Outer diameter x length* x wall thickness	Manual transmission	3-Speed	3.25 x 60.137 x .065	
		4-Speed	Same as 3-speed	
	Overdrive transmission		NA	
	Automatic transmission		Same as 3-speed	NA

*Center to center of universal joints, or to centerline of rear attachment.

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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (s)
13000 Opt. Hi-Performance Engines L30, L74,	L30	L74	L79
MODEL L79	3-Speed Std., 4-Speed Opt.		

DRIVE UNITS—PROPELLER SHAFT (cont.)

Inter-mediate bearing	Type (plain, anti-friction)	None
	Lubrication (fitting, prepack)	---
Universal joints	Make	Chevrolet
	Number used	2
	Type (ball and trunnion, cross, other)	Cross
	Bearing	Type (plain, anti-friction)
Lubric. (fitting, prepack)		Prepack
Drive taken through (torque tube or arms, springs)		Control arms
Torque taken through (torque tube or arms, springs)		Control arms

DRIVE UNITS—REAR AXLE

Description (see Instructions)	Std. - semi-floating, overhung pinion gear			
Limited Slip differential, type	Std. with dual disc clutches			
Drive Pinion Offset	1.5			
No. of differential pinions	2			
Gear ratios (Std. equip.)	Manual transmission	3	3.07	3.31
		4	3.07	3.31
	Overdrive transmission		NA	
	Automatic transmission		3.07	3.31
Ring gear O.D. (std. ratio)	8.875			
Pinion adjustment (shim, other)	None			
Pinion bearing adj. (shim, other)	Shim			
Wheel bearing type	Single row cylindrical roller			
Lubricant	Capacity (pt.)	4.0		
	Type recommended	For standard axles, meeting Military Spec. MIL-L-2105-B		
	SAE viscosity number	Summer	SAE 80	
		Winter	SAE 80	
Extreme cold		SAE 80		

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio		3.07	3.31	
No. of teeth	Pinion	14	13	
	Ring gear	43	43	



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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64
13000 Opt. Hi-Performance MODEL Engines L30,74,79	Sedans, Sport Coupes, Convertibles	2-Door & 4-Door Sta. Wgns., El Camino Sedan Pickup

DRIVE UNITS—WHEELS

Type & material		Short spoke disc, steel
Rim (size and flange type)	Std.	14 x 5J
	Opt.	
Attachment	Type (bolt or stud)	Bolt
	Circle diameter	4.75
	Number and size	5 hex nuts, 7/16-20 UNF-2B

DRIVE UNITS—TIRES Highway, tubeless, 2 ply, blackwall unless indicated otherwise

Standard (List option below)	Size & ply	7.35 x 14-4PR	
	Type - Nylon, etc.	Rayon	
Rev/mile at 50 mph.		805	
Inflation press.(cold)	Front	24	
	Rear	24	28
Optional tires - size and ply		7.35 x 14-4PR, rayon, w/w; 7.75 x 14-4PR, rayon; 7.75 x 14-4PR, rayon, w/w; (*) 7.75 x 14-4PR, nylon; (*) 7.75 x 14-4PR, nylon, w/w;	

BRAKES—SERVICE

		Standard	Metallic (optional)
Type (duo-servo, disc, balanced, etc.)		Duo-Servo 4-wheel hydraulic	
Self adjusting (std., opt., N.A.)		Reverse self-adjusting, std.	
Hydraulic system type (single, dual, etc.)		Single	
Power brake make & type (remote, integral, etc.)		Bendix, Delco-Moraine vacuum power unit assists master cylinder; integral	
Effective area (sq. in.)*		168.9	118.1
Gross lining area (sq. in.)**		168.9	118.1
Swept drum area (sq. in.)***		268.6	
Percent brake effectiveness—front		59.4	
Drum	Diameter	Front	9.5
		Rear	9.5
Type and material		Composite; cast iron rim; steel web	
Wheel cylinder bore	Front	.12	
	Rear	.9375	
Master cylinder bore		1.00	.875
Available pedal travel		6.70	
Line pressure at 100 lb. pedal load		783	1023
Shoe clearance adjustment		Self-adjusting	

(Continued)

* Excludes rivet holes, grooves, chamfers, etc.
 ** Includes rivet holes, grooves, chamfers, etc.
 *** Total swept areas for four brakes:
 Widest lining contact width for each brake x its drum circumference.
 (*) - 4 ply construction.



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AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 9-28-64 **REVISED** (a)
 13000 Opt. Hi-Performance Engines L30,
MODEL L74, L79

BRAKES—SERVICE (cont.)			Standard	Metallic (optional)	
Brake lining	Bonded or riveted		Bonded	Welded	
	Front Shoe	Material	Molded asbestos		
		Size (length x width x thickness)	Front wheel	1.64 x 1.25 x .175	
			Rear wheel	1.64 x 1.0 x .175	
		Segments per shoe		6	
	Rear Shoe	Material	Molded asbestos		
		Size (length x width x thickness)	Front wheel	1.64 x 1.25 x .285	
			Rear wheel	1.64 x 1.0 x .285	
Segments per shoe		10			

BRAKES—PARKING

Type of control	Pulley-cable linkage; foot pedal apply, handle release	
Location of control	Below instrument panel left of steering column	
Operates on	Rear service brakes	
If separate from service brakes	Type (internal or external)	---
	Drum diameter	---
	Lining size (length x width x thickness)	---

FRAME or UNITIZED CONSTRUCTION

Type and description All welded perimeter frame with front crossmember, rear suspension crossmember and rear crossmember.

SUSPENSION—GENERAL (See Supplemental page 19 for details on Air Suspension)*

Provision for car leveling	Front stabilizer bar	
Provision for brake dip control	Mounting angle of front upper control arms	
Provision for acc. squat control	Geometry of rear suspension	
Special provisions for car jacking	Bumper jack provided; apply just outboard of bumper bolt at wheel requiring jacking	
Shock absorber front & rear	Type	(a)
	Make	Delco products
	Piston dia.	1.00
Other special features		

SUSPENSION—FRONT

Type and description	Independent - SLA type with coil spring and concentric shock absorber, and spherically-jointed steering knuckle for each wheel.
----------------------	---

* Air Suspension:
 Air spring type
 Compressor data
 type
 make
 drive ratio

Normal operating pressures
 spring rates
 leveling data

(Continued)

(a) Direct, double-acting, hydraulic except air booster type on 13480 & 680.



AMA Specifications – Passenger Cars

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (*)
13000 Opt. Hi-Performance Engines L30, L74, L79
 MODEL _____

SUSPENSION FRONT (cont.)

Spring	Type		Coil
	Material		Steel alloy
	Size (coil design height & I.D.; bar length x dia.)		12.59 & 3.63, 148.4 x .612
	Spring rate (lb. per in.)		250
	Rate at wheel (lb. per in.)		9:
	Design load (lb. @ design height)		1580 @ 12.59
Stabilizer	Type (link, linkless, frameless)		Link
	Material & bar diameter		HR steel .812

STEERING

Manual (std., opt., NA)			Standard
Power (std., opt., NA)			Optional
Adjustable steering wheel (tilt, swing, other)	Type and description		Tilt: tilt achieved with universally-jointing steering shaft at base of steering wheel; 5" vertical travel range
	(std., opt., NA)		Optional
Wheel diameter	Manual		16.5
	Power		16.5
Turning diameter	Outside front	Wall to wall (l. & r.)	44.7
		Curb to curb (l. & r.)	41.9
	Inside rear	Wall to wall (l. & r.)	26.6
		Curb to curb (l. & r.)	26.6
Outside wheel angle with inside wheel at 20°			18.41°

Manual	Gear	Type	Semi-reversible, recirculating ball nut		
		Make	Saginaw		
		Ratios	Gear	24:1	
		Overall	28:1		
	No. wheel turns		5.48 lock to lock		
Power	Type (coaxial, linkage, etc.)		Coaxial		
	Make		Saginaw		
	Gear	Type	Same as manual		
		Ratios	Gear	17.5:1	
		Overall	20.4:1		
	Pump driven by		Crankshaft pulley		
Number wheel turns		3.98 lock to lock			
Linkage	Type		Parallelogram		
	Location (front or rear of wheels, other)		Front of wheels		
	Drag link (trans. or longit.)		None		
	Tie rods (one or two)		2		

(Continued)



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AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 9-28-64 **REVISED** (*)
 13000 Opt. Hi-Performance
 Engines L30, L74, L79
MODEL _____

STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		7-3/4 to 8-3/4
	Bearings (type)	Upper	Ball stud with non-metallic bearing surfaces
		Lower	Ball stud with non-metallic bearing surfaces
	Thrust		None
Wheel alignment (range and preferred)	Caster (deg.)		Except SS and sedan pickup: N1-1/2 to N-1/2 (curb). SS and sedan pickup: N1 to 0 (curb).
	Camber (deg.)		0 to P1 (curb).
	Toe-in (outside tread-inches)		1/8 to 1/2 total (curb)
Steering spindle & joint type			Forging with pad for mounting brake cylinder, spherical
Wheel spindle	Diameter	Inner bearing	1.2493-1.2498
		Outer bearing	.7492-.7497
	Thread size		3/4-20 NEF-3 (modified)
	Bearing type		Taper roller

SUSPENSION—REAR

Type and description			4-link: 2 upper and 2 lower control arms
Drive and torq. taken through (see page 17)			Control arms
Spring	Type		Coil
	Material		Steel alloy
	Size (length x width, coil design height and I.D.; bar length & dia.)		9.74 & 5.50; 120.6 x .536
	Spring rate (lb. per in.)		100
	Rate at wheel (lb. per in.)		103
	Design load (lb. at design height)		600 @ 9.74
	Mounting insulation type		None
	If leaf	No. of leaves	
Inserts		Type and size	↓
		Material	↓
Shackle (comp. or tens.)		↓	
Stabilizer	Type (link, linkless, frameless)		None
	Material		---
Track bar type			None



AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED ^(*)

MODEL <u>13000</u>	Sedans	Coupes	Convert- ibles	Wagons	Sedan Pickup
	2-Dr	4-Dr		2-Dr	4-Dr

BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front							
	Rear doors	Front							
Type of finish (lacquer, enamel, other)		Acrylic lacquer							
Hood counterbalanced (yes, no)		Yes							
Hood release control (internal, external)		External							
Vehicle (Serial) No. Location		Left front body hinge pillar							
Engine No. Location		6-cyl - on crankcase, RH side of engine, rear of distributor 8-cyl - on top front of RH bank of cylinder and case							
Theft protection - type		Shielded ignition lock terminals key removable in "OFF" position							
Vent window control method (crank, friction pivot)	Front	Friction pivot							
	Rear	None							
Seat cushion type	Front	Formed wire and 75 foam rubber pad (132-13400) (a)							
	Rear	Formed wire and jute and cotton pad (131-132-133-13400) (b)							
	3rd seat	None							
Seat back type	Front	Formed wire and cotton							
	Rear	Formed wire and cotton							
	3rd seat	None							
Windshield glass type (i.e., single curved - laminated plate)		Curved, laminated							
Backlight glass type (i.e., compound curved - tempered plate, three piece)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">Curved</td> <td style="width: 25%; text-align: center;">Plastic</td> <td style="width: 25%; text-align: center;">Flat</td> <td style="width: 25%; text-align: center;">Curved</td> </tr> </table>	Curved	Plastic	Flat	Curved			
Curved	Plastic	Flat	Curved						
Side glass type (i.e., curved - tempered plate)		Curved							
Side glass exposed surface area		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">1406.9</td> <td style="width: 12.5%;">1356.2</td> <td style="width: 12.5%;">1395.6</td> <td style="width: 12.5%;">1281.4</td> <td style="width: 12.5%;">2529.6</td> <td style="width: 12.5%;">2560.6</td> <td style="width: 12.5%;">839.2</td> </tr> </table>	1406.9	1356.2	1395.6	1281.4	2529.6	2560.6	839.2
1406.9	1356.2	1395.6	1281.4	2529.6	2560.6	839.2			
Windshield glass exposed surface area		1107.1							
Backlight glass exposed surface area		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 16.6%;">1032.3</td> <td style="width: 16.6%;">897.7</td> <td style="width: 16.6%;">786.2</td> <td style="width: 16.6%;">768.4</td> <td style="width: 16.6%;">665.2</td> </tr> </table>	1032.3	897.7	786.2	768.4	665.2		
1032.3	897.7	786.2	768.4	665.2					
Total glass exposed surface area		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">3596.3</td> <td style="width: 12.5%;">3495.6</td> <td style="width: 12.5%;">3400.4</td> <td style="width: 12.5%;">3174.7</td> <td style="width: 12.5%;">3667.3</td> <td style="width: 12.5%;">4436.1</td> <td style="width: 12.5%;">2611.5</td> </tr> </table>	3596.3	3495.6	3400.4	3174.7	3667.3	4436.1	2611.5
3596.3	3495.6	3400.4	3174.7	3667.3	4436.1	2611.5			

BODY—CONVENIENCE EQUIPMENT (Indicate whether standard, optional or NA on each series)

Power windows	Side Windows	Optional
	Vent Windows	NA
	Backlight or tailgate	Optional tailgate window on 2-seat wagons
Power seats (specify type as well as availability)		4-way electric optional (NA on bucket seats)
Reclining front seat back		NA
Front seat headrest		NA
Radios (specify type as well as availability)		Manual, push button AM-FM push button optional
Rear seat speaker		Optional
Power Antenna		NA
Clock		Std. 136-13800; Optional 132-13400
Air Conditioner (specify type and availability)		Four Season Custom, optional

(a) 13600: 1.75 foam pad; 13800: 1.50 foam pad

(b) 136-13800 jute and 1.00 foam pad



1

2

3



AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED ^(a)

WEIGHTS

Model	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
			327					327
			8-cyl					8-cyl
CHEVELLE 300								
13211 2-Door Sedan			3215	31	69			3060
13215 2-Door Wagon			3480	31	69			3325
13269 4-Door Sedan			3245	31	69			3085
CHEVELLE 300 DELUXE								
13411 2-Door Sedan			3220	31	69			3060
13435 4-Door Wagon			3525	31	69			3370
13669 4-Door Sedan			3290	31	69			3130
13480 Sedan Pickup			3270	12	88			3115
MALIBU								
13635 4-Door Wagon			3565	31	69			3405
13637 2-Door Coupe			3270	38	62			3115
13667 2-Door Conv.			3370	38	62			3210
13669 4-Door Sedan			3290	31	69			3130
13680 Sedan Pickup			3280	12	88			3125
MALIBU SUPER SPORT								
13837 2-Door Coupe			3325	38	62			3165
13867 2-Door Conv.			3420	38	62			3260
Accessories & Equipment Differential Weights								Remarks
			327					
			8-cyl					
Air Conditioning			+164					
Brakes, Power			+ 9					
Heater (delete)			- 21					
Radio, manual			+ 6					
Radio, push button			+ 9					
Seat, 4-Way Power			+ 20					
Steering, Power			+ 28					
Transmission, Powerglide			+ 11					
Transmission, 4-Speed			+ 11					
Transmission, Overdrive			--					
Windows, Power			- 21					

* These are weights that are reported to states for licensing purposes.

AMA Specifications – Passenger Car

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The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown below. This uniform specification form was developed by the automobile manufacturing companies under the auspices of the Automobile Manufacturers Association.

MANUFACTURER Chevrolet Motor Division General Motors Corporation	CAR NAME CHEVELLE RPO Z16 Optional 396 cu. in. 8-cylinder				
MAILING ADDRESS Chevrolet Engineering Center 30003 Van Dyke, Warren, Michigan 48090	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">MODEL YEAR 1965</td> <td style="width: 50%;">ISSUED: 2-22-65</td> </tr> <tr> <td colspan="2">REVISED: (a)</td> </tr> </table>	MODEL YEAR 1965	ISSUED: 2-22-65	REVISED: (a)	
MODEL YEAR 1965	ISSUED: 2-22-65				
REVISED: (a)					

NOTES:

1. The Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.

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BODY—TYPES AND STYLE NAMES—	Body type, number of passenger & style names; use manufacturer's code for series & body style.
<p style="text-align: center; margin: 0;">RPO Z16 Optional 396 cu. in. <u>8-cylinder</u></p> <p style="margin-top: 20px;">MALIBU SUPER SPORT</p> <p style="margin-top: 20px;">2-Door Sport Coupe, 4-Pass.</p>	<p style="margin-top: 20px;">138 37</p>

AMA Specifications — Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED()

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL	13837	Additional Information Page No.:	396 Cu. In. V-8 Engine 375 HP
Wheelbase (L101)		23	115.0
Tread	Front (W101)	22	58.0
	Rear (W102)	22	58.0
Maximum Overall Dimensions	Length (L103)	23	196.6
	Width (W103)	22	74.6
	Height (H101)	24	Sp. Coupe
Transmission (Specify trade name - opt., not available)	Manual	15	Synchro-Mesh, 4-Speed Required
	Overdrive	16	N. A.
	Automatic	16	N. A.
Axle ratio	Manual	17	3.31
	Overdrive	17	N. A.
	Automatic	17	N. A.
Tire size		18	7.75 x 14
Engine	Type, no. cyl., valve arr.	2	90° OHV V-8
	Fuel system (Carb., other)	8	Carburetor
	Bore and stroke	2	4.09" x 3.76
	Piston displ., cu.in.	2	396 Cu. In.
	Std. compression ratio	2	11.0:1
	Max. bhp at engine rpm	2	375 @ 5600
	Max. torque at rpm	2	420 @ 3600

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED (e)

GENERAL SPECIFICATIONS — DIMENSIONS

13800, Opt. 396 Cu. In.
Engine, L37

(All dimensions in inches unless otherwise indicated)
(Supplemental data available on request)

MODEL	Ref. No.	SPORT COUPE BUCKET
FRONT COMPARTMENT		
Shoulder room	W3	58.8
Max. eff. leg room - accelerator	L34	42.0
Effective head room	H61	37.9
H Point to Heel point	H30	7.7
Upper body opening to ground	H50	49.2
REAR COMPARTMENT		
Shoulder room	W4	56.8
H Point couple distance	L50	31.6
Minimum effective leg room	L51	33.2
Effective head room	H63	36.7
STATION WAGON—THIRD SEAT		
Shoulder room	W85	
Effective leg room	L86	None
Effective head room	H86	
LUGGAGE COMPARTMENT		
Usable luggage capacity (See instr.)	V1	15.7
Liftover height	H195	20.6
Position of spare tire storage		Hor. right rear trunk floor
Method of holding lid open		Torsion bars counterbalanced
STATION WAGON—CARGO SPACE		
Minimum distance between wheel houses at floor level	W201	
Rear end opening width at belt	W204	
Floor length from back of front seat at floor level to inside of closed tail gate	L202	
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	None
Maximum height - floor covering to headlining at centerline of rear axle	H201	
Maximum height of rear opening - tail and lift gates open	H202	
Cargo volume index (cu.ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	

AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED (a)

MODEL 13837 396 Cu. In. V-8 Engine 375 HP

ENGINE—GENERAL

Type, no. cyls., valve arr.		90° OHV V-8
Bore and stroke (nominal)		4.00 : 3.76
Piston displacement, c.u. in.		396 Cu. In.
Bore spacing (C/L to C/L)		4.84
No. system (front to rear)	L. Bank	1-3-5-7
	R. Bank	2-4-6-8
Firing order		1-8-4-3-6-5-7-2
Compras. ratio (nominal)		11.0:1
Cylinder Head Material		Cast Alloy Iron
Cylinder Block Material		Cast Alloy Iron
Cylinder Sleeve-Wet, dry, none		None
Number of mounting points	Front	Two
	Rear	One
Engine installation angle		3° 54'
Taxable $\frac{\text{Dia.}^2 \times \text{No. Cyl.}}{\text{horsepower}}$ 2.5		53.6
Published max. bhp* @ eng. RPM		375 @ 5600
Published max. torque* (lb. ft. @ RPM)		420 @ 3600
Req. $\frac{\text{std fuel}}{\text{premium}}$		Premium
Idle speed (spec. neutral or drive)	Manual	700
	Automatic	---

ENGINE—PISTONS

Material		Aluminum impact extruded	
Description and finish		Domed head; slipper skirt	
Weight (piston only) oz.		24.00	
Clearance (limits)	Top land	.0265 - .0335	
	Skirt	Top	.0017 - .0013 (a)
		Bottom	---
Ring groove depth	No. 1 ring	.2253 - .2318	
	No. 2 ring	.2257 - .2318	
	No. 3 ring	.2118 - .2128	
	No. 4 ring	---	

*Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

(a) - Measured 2.13 from top of piston.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED (*)
 13800 Opt. 396 Cu. In.
 MODEL Engine, L37

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE NA

For transmission data see manual transmission section

Overdrive	Type (planetary or other)		
	Manual lockout (yes, no)		
	Downshift accelerator control (yes, no)		
	Minimum cut-in speed		
	Gear ratio		
	Lu- bri- cant	Capacity (pt.) (Overdrive only)	
Separate filler (yes, no)			
Type recommended			
SAE vis- cosity number		Summer	
	Winter		
	Ext. cold		

DRIVE UNITS—AUTOMATIC TRANSMISSION NA

Trade name	
Type describe	
Method of Selection (Lever, Push Button or other)	
Selector Pattern	
Li- ratios Selector Pattern and tr. which are used in each selector position	
Max. upshift speeds—drive range*	
Max. kickdown speeds—drive range	
Torque converter	Number of elements
	Max. ratio at stall
	Type of cooling (air, water)
Lubricant	Capacity—refill (pt.)
	Type recommended
Special transmission features	

DRIVE UNITS—PROPELLER SHAFT

Number used	One	
Type (exposed, torque tube)	Exposed unsupported	
Outer diameter x length* x wall thickness	Manual transmission	3.25 x 60.137 x .065
	Overdrive transmission	NA
	Automatic transmission	NA

*Center to center of universal joints, or to centerline of rear attachment.

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED ⁽⁶⁾

13800, Opt. 396 Cu. In.

MODEL Engine, L37

DRIVE UNITS—PROPELLER SHAFT (cont.)

Inter- mediate bearing	Type (plain, anti-friction)		None
	Lubrication (fitting, prepack)		---
Universal joints	Make		Chevrolet
	Number used		2
	Type (ball end trunion, cross, other)		Cross
	Bearing	Type (plain, anti-friction)	Anti-Friction
Lubric. (fitting, prepack)		Prepack	
Drive taken through (torque tube or arms, springs)			Control arms
Torque taken through (torque tube or arms, springs)			Control arms

DRIVE UNITS—REAR AXLE

Description (see instructions)		Std. - semi-floating, overhung pinion gear	
Limited Slip differential, type		NA	
Drive Pinion Offset		1.5	
No. of differential pinions		2	
Gear ratios (Std. equip.)	Manual transmission	3.31	
	Overdrive transmission	NA	
	Automatic transmission	NA	
Ring gear O.D. (std. ratio)		8.875	
Pinion adjustment (shim, other)		None	
Pinion bearing adj. (shim, other)		Shim	
Wheel bearing type		Single row cylindrical roller	
Lubricant	Capacity (pt.)	4.0	
	Type recommended	For standard axles, meeting Military Spec. MIL-L-2105-B	
	SAE vis- cosity number	Summer	SAE 90
		Winter	SAE 80
Extreme cold		SAE 90	

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio		3.31
No. of teeth	Pinion	13
	Ring gear	43

AMA Specifications – Passenger Car

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 00, Opt. 396 Cu. In.
 MODEL Engine, L37

DRIVE UNITS—WHEELS

Type & material		Short spoke disc, steel (riveted rim-spoke)
Rim (size and flange type)	Std.	14x6
	Opt.	
Attachment	Type (bolt or stud)	Bolt
	Circle diameter	4.75
	Number and size	5 hex nuts, 7/16-20 UNF-2B

DRIVE UNITS—TIRES

Standard (List option below)	Size & ply	7.75 x 14-4PR (2 ply)
	Type - Nylon, etc.	Nylon (gold stripe)
Rev/mile at 50 mph.		774
Inflation press.(cold)	Front	24
	Rear	24
Optional tires - size and ply		

BRAKES—SERVICE

Type (duo-servo, disc, balanced, etc.)		Duo-Servo, 4-wheel hydraulic, power assist
Adjusting (std., opt., N.A.)		Reverse self-adjusting, std.
Hydraulic system type (single, dual, etc.)		Single
Power brake make & type (remote, integral, etc.)		Bendix, Delco-Moraine vacuum power unit; integral
Effective area (sq. in.)*		183.4
Gross lining area (sq. in.)**		198.4
Swept drum area (sq. in.)***		328.3
Percent brake effectiveness—front		58.5
Drum	Diameter	Front 11.0 Rear 11.0
	Type and material	Composite; cast iron rim; steel web
Wheel cylinder bore	Front	1.1875
	Rear	1.00
Master cylinder bore		1.00
Available pedal travel		6.70
Line pressure at 100 lb. pedal load		
Shoe clearance adjustment		Self-adjusting

* Excludes rivet holes, grooves, chamfers, etc.
 ** Includes rivet holes, grooves, chamfers, etc.
 *** Total swept areas for four brakes
 Widest lining contact width for each brake x its drum circumference.

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED (o)
 13800, Opt. 396 Cu. In.
 MODEL Engine, L37

BRAKES—SERVICE (cont.)

Brake lining	Bonded or riveted		Bonded
	Front Shoe	Material	
Size (length x width x thickness)		Front wheel	9.25 x 2.75 x .168
		Rear wheel	9.25 x 2.00 x .168
Segments per shoe		1	
Rear Shoe	Material		Molded asbestos
	Size (length x width x thickness)	Front wheel	11.63 x 2.75 x .168
		Rear wheel	11.63 x 2.00 x .168
	Segments per shoe		1

BRAKES—PARKING

Type of control	Pulley-cable linkage; foot pedal apply, handle release	
Location of control	Below instrument panel left of steering column	
Operates on	Rear service brakes	
If separate from service brakes	Type (internal or external)	---
	Drum diameter	---
	Lining size (length x width x thickness)	---

FRAME or UNITIZED CONSTRUCTION

Type and description: All welded perimeter frame with front crossmember, rear suspension crossmember and rear crossmember. Frame reinforcement between upper and lower control arm pivots.

SUSPENSION—GENERAL (See Supplemental page 19 for details on Air Suspension)*

Provision for car leveling	Front stabilizer bar	
Provision for brake dip control	Mounting angle of front upper control arms	
Provision for acc. squat control	Geometry of rear suspension	
Special provisions for car jacking	Bumper jack provided; apply just outboard of bumper bolt at wheel requiring jacking	
Shock absorber front & rear	Type	Direct double-acting, hydraulic
	Make	Delco Products
	Piston dia.	1.00
Other special features		

SUSPENSION—FRONT

Type and description: Independent - SLA type with coil spring and concentric shock absorber, and spherically-jointed steering knuckle for each wheel.

* Air Suspension:
 Air spring type
 Compressor data
 type
 make
 drive ratio
 Normal operating pressures
 spring rates
 leveling rate

(Continued)

AMA Specifications – Passenger Cars

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED (a)
 0, Opt. 396 Cu. In.
 MODEL Engine, L37

SUSPENSION FRONT (cont.)

Spring	Type	Coil
	Material	Steel alloy
	Size (coil design height & I.D.; bar length x dia.)	12.59 & 3.63; 135.9 x .637
	Spring rate (lb. per in.)	320
	Rate at wheel (lb. per in.)	1675 @ 12.59
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	HR steel 1.06"

STEERING

Manual (std., opt., NA)		NA	
Power (std., opt., NA)		Std.	
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt: tilt achieved with universally-jointing steering shaft at base of steering wheel; 5" vertical travel range	
	(std., opt., NA)	Optional	
Wheel diameter	Manual	--	
	Power	16.5	
Turning diameter	Outside front	Wall to wall (l. & r.)	44.7
		Curb to curb (l. & r.)	41.9
	Inside rear	Wall to wall (l. & r.)	26.6
		Curb to curb (l. & r.)	18.41°
Outside wheel angle with inside wheel at 20°		18.41°	
Manual	Gear	Type	NA
		Make	NA
		Ratios	NA
	Overall		NA
No. wheel turns		NA	
Power	Type (coaxial, linkage, etc.)		Coaxial
	Make		Saginaw
	Gear	Type	Semi-reversible, recirculating ball nut
		Ratios	15:1
		Overall	15:1
	Pump driven by		Crankshaft pulley
Number wheel turns		NA	
Linkage	Type		Parallelogram
	Location (front or rear of wheels, other)		Front of wheels
	Drag link (trans. or longit.)		None
	Tie rods (one or two)		2

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED (*)
 13800, Opt. 396 Cu. In.
 MODEL Engine, L37

STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		7-3/4 to 8-3/4
	Bearings (type)	Upper	Ball stud with non-metallic bearing surfaces
		Lower	Ball stud with non-metallic bearing surfaces
	Thrust		None
Wheel alignment (range and preferred)	Caster (deg.)		N1 to 0 (curb)
	Camber (deg.)		0 to P1 (curb)
	Toe-in (outside tread-inches)		1/8 to 1/2 total (curb)
Steering spindle & joint type			Forging with pad for mounting brake cylinder, spherical
Wheel spindle	Diameter	Inner bearing	1.2493-1.2498
		Outer bearing	.7492-.7497
	Thread size		3/4-20 NEF-3 (modified)
	Bearing type		Taper roller

SUSPENSION—REAR

Type and description			4-link: 2 upper and 2 lower control arms	
Drive and torq. taken through (see page 17)			Control arms	
Spring	Type		Coil	
	Material		Steel alloy	
	Size (length x width, coil design height and I.D.; bar length & dia.)		9.74 & 5.50; 103.6 x .542	
	Spring rate (lb. per in.)		120	
	Rate at wheel (lb. per in.)			
	Design load (lb. at design height)		600 @ 9.74	
	Mounting insulation type		None	
	If leaf	No. of leaves		↑ NA ↓
		Inserts	Type and size	
			Material	
Shackle (comp. or tens.)				
Stabilizer	Type (link, linkless, frameless)		Frameless	
	Material		Steel	
Track bar type			None	

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED (e) _____

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first)
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		
13837	396 *	4-Bbl.	11.0:1	375 @ 5600	420 @ 3600	4-Speed (2.56:1 low)	3.31:1
*Optional							

AMA Specifications - Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED (a)
 MODEL 13837 396 Cu. In. V-8 Engine 375 HP

ENGINE-RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression
	No. 2, oil or comp.	Compression
	No. 3, oil or comp.	Oil Control
	No. 4, oil or comp.	---
Compression	Description - material, type, coating, etc.	Cast alloy iron; inside bevel Molybdenum coating
	Width	.0620-.0625;
	Gap	.010-.020
Oil	Description - material, type, coating, etc.	Multi-piece (2 rails and one spacer expander) Rails - Steel chrome plated OD Expander: - Stainless steel
	Width	.1890-.1910 assembled
	Gap	.010-.030
Expanders		In oil ring assembly

ENGINE-PISTON PINS

Material		Chromium Steel	
Length		2.930-2.950	
Diameter		.9895-.9898	
Type	Locked in rod, in piston, floating, etc.	Locked in rod	
	Bushing	In rod or piston	None
		Material	None
Clearance	In piston	.00045-.00055	
	In rod	---	
Direction & amount offset in piston		On center	

ENGINE-CONNECTING RODS

Material		Drop forged steel
Weight (oz.)		30.00
Length (center to center)		6.134-6.136
Bearing	Material & Type	Premium Aluminum
	Overall length	.857
	Clearance (limits)	.0007-.0028
	End play	.0016-.0020

AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED (*)
 MODEL 13837 396 Cu. In. V-8 Engine 375 HP

ENGINE—CRANKSHAFT

Material		Forged Steel		
Vibration damper type		Rubber mounted inertia damper		
End thrust taken by bearing (No.)		Five		
Crankshaft end play		.006-.010		
Main bearing	Material & type		Premium aluminum except No. 5 sintered copper nickel backed babbitt	
	Clearance		#1-4 .0006-.0022; #5 .0017-.0033	
	Journal dia. and bearing overall length	No. 1	2.7506 x .992	
		No. 2	2.7506 x .992	
		No. 3	2.7506 x .992	
		No. 4	2.7506 x .992	
		No. 5	2.7513 x 1.2525	
No. 6		----		
Dir. & amt. cyl. offset		None		
Crankpin journal diameter		2.199 -2.200		

ENGINE—CAMSHAFT

Location		In block above crankshaft	
Material		Cast alloy iron	
Bearings	Material	Steel backed babbitt	
	Number	Five	
Gear or chain		Chain	
Crankshaft gear or sprocket material		Steel sprocket	
Type of Drive	Camshaft gear or sprocket material		Cast aluminum sprocket
	Timing chain	No. of links	50
		Width	.880
		Pitch	.500

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		Hvdraulic	
Valve rotator, type (intake, exhaust)		None	
Rocker ratio		1.70:1	
Operating tappet clearance (indicate hot or cold)	Intake	Zero	
	Exhaust	Zero	
Timing marks on flywheel, damper, other		Harmonic Balancer	

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED(*)
 MODEL 13837 396 Cu. In. V-8 Engine 375 HP

ENGINE—VALVE SYSTEM (cont.)

Timing Includ- ing Ramps	Intake	Opens (°BTC)	56°	
		Closes (°ABC)	106°	
		Duration - deg.	342°	
	Exhaust	Opens (°BBC)	110°	
		Closes (°ATC)	66°	
		Duration - deg.	356°	
Valve opening overlap		122°		
Intake	Material		Alloy steel - Aluminized face	
	Overall length		5.204-5.224	
	Actual overall head dia.		2.185-2.195	
	Angle of seat & face		46° (seat) 45° (face)	
	Seat insert material		None	
	Stem diameter		.3715-.3722	
	Stem to guide clearance		.0010-.0027	
	Lift (@ zero lash)		.4-14	
	Outer spring press. and length	Valve closed (lb. @ in.)	94-106 @ 1.88	
		Valve open (lb. @ in.)	303-327 @ 1.38	
	Inner spring press. and length	Valve closed (lb. @ in.)	Spring Damper	
		Valve open (lb. @ in.)	Spring Damper	
	Exhaust	Material		High alloy steel - Aluminized face
		Overall length		5.345-5.365
Actual overall head dia.		1.715-1.725		
Angle of seat & face		46° (seat) 45° (face)		
Seat insert material		None		
Stem diameter		.3710-.3717		
Stem to guide clearance		.0015-.0032		
Lift (@ zero lash)		.5000		
Outer spring press. and length		Valve closed (lb. @ in.)	94-106 @ 1.88	
		Valve open (lb. @ in.)	303-327 @ 1.38	
Inner spring press. and length		Valve closed (lb. @ in.)	Spring Damper	
		Valve open (lb. @ in.)	Spring Damper	

ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Splash
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Center fully oiled from camshaft bearing
	Cylinder walls	Pressure, jet cross sprayed

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED ⁽⁶⁾
13837
 MODEL 396 Cu. In. V-8 Engine 375 HP

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Gear
Normal oil pressure (lb. @ engine rpm)	50-75 @ 2000
Oil pressure sending unit (elect. or mach.)	Electric
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, partial, other)	Full flow
Filter replacement (element, complete)	Element
Capacity of crankcase, less filter-refill (qt.)	4
Oil grade recommended (SAE viscosity and temperature range)	32° F and Above ----- SAE 20W, SAE 20 or SAE 10W-30 0° F and Above ----- SAE 10W, or SAE 10W-30 Below 0° F ----- SAE 5W or SAE 5W-20
Engine Service Requirement (MM, MS, etc.)	MS or DG

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	Two, reverse flow
Exhaust pipe dia. (O.D. & wall thickness)	----- 2.50 x .073-.091 laminated
ail pipe diameter (O.D. & wall thickness)	2.25 x .062-.076

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., Induction system, other)	Standard Optional	Ventilates to induction system
Control unit	Make and model	
	Location	Rear of carburetor
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold vacuum.
Complete system	Control method (variable orifice, fixed orifice, other)	Variable orifice
	Discharges (to Intake manifold, carb. air intake, air cleaner Intake, other)	Intake manifold
	Air inlet (breather cap, carburetor air cleaner, other)	Carburetor air cleaner
	Flame arrestor (screen, check valve, other)	Screen

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13837

396 Cu. In. V-8 Engine 375 HP

MODEL _____

ENGINE—FUEL SYSTEM

(See Supplement to Page 8 for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.		Carburetor
Fuel Tank	Capacity (gals.)	20
	Filler location	Behind hinged rear license plate
Fuel Pump	Type (elec. or mech.)	Mechanical
	Locations	Lower right front corner of engine
	Pressure range	5.25 - 6.50 PSI
Vacuum booster (std., optional, none)		None
Fuel Filter	Type	Fine mesh plastic strainer in gas tank and
	Locations	In-line paper element between carb. & fuel line
Carburetor	Choke type	Automatic
	Intake manifold heat control (exhaust or water)	Exhaust
	Air clnr. type	Oil-wetted paper element
	Standard Optional	---

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
13837 13867	396	4-Speed	Holley	3869933	One; Four Barrel Down- draft	1-686 Primary & Secondary

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ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure		
Radiator cap relief valve pressure		15 + IPSI		
Circulation thermostat	Type (choke, bypass)	Choke		
	Starts to open at (°F)	177° - 183° F		
Water pump	Type (centrifugal, other)	Centrifugal		
	GPM @ 1000 pump rpm	82 @ 5200		
	Number of pumps	One		
	Drive (V-belt, other)	V-Belt		
	Bearing type	Double row ball		
By-pass recirculation type (internal, external)		External		
Radiator core type (cellular, tube and fin, other)		Tube on center		
Cooling system capacity	With heater (qt.)	22		
	Without heater (qt.)	21		
	Opt. equipment-specify (qt.)			
Water jackets full length of cylinder (yes, no)		Yes		
Water all around cylinder (yes, no)		Yes		
Radiator hose	Lower	Number and type (molded, straight)	One, molded	
		Inside diameter	1.88	
	Upper	Number and type (molded, straight)	One, molded	
		Inside diameter	1.50	
	By-pass	Number and type (molded, straight)	One, molded	
		Inside diameter	.725 - .765	
	Fan	Number of blades & Spacing		5, Staggered
		Diameter		18.00
		Ratio-fan to crankshaft rev.		.949:1
Fan cutout type		Thermo-modulated - viscous coupling		
Bearing type		Double row ball		
*Drive belts (indicate belt used by letter)	Fan		A	
	Generator		A	
	Water Pump		A	
	Power Steering			
	Air Conditioning			

* Drive Belt Dimensions	A
Angle of V	38° - 42°
Nominal length (SAE)	55.50
Width	.380 ± .005

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M. OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED (*)
 MODEL 13837 396 Cu. In. V-8 Engine 375 HP

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Delco-Remy #1980558		
	Voltage Rtg. & Total Plates	12 Volts, 66 plates		
	SAE Designation & Amp Hr. Rtg.	61 amp. hr. @ 20 hr.		
	Location	Right front of engine compartment		
	Terminal grounded	Negative		
Generator	Make	Delco-Remy		
	Model	#110069		
	Type	Diode rectified		
	Ratio—Gen. to Cr/s rev.	2.46:1		
	Gen. cut-in (hot)—engine rpm			
Regulator	Make	Delco-Remy		
	Model	#1119515		
	Type	Vibrator		
	Cutout relay	Closing voltage @ generator rpm		
		Reverse current to open		
	Regulated	Voltage	13.8-14.8 @ 85° F	
		Current		
	Voltage test conditions	Temperature	Operating	
		Load	3-8 amperes	
		Other	None	

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Delco-Remy		
	Model	#1107365		
	Rotation (drive end view)	Clockwise		
	Engine cranking speed			
	Test conditions	Engine at operating temperatures		
	Lock test	Amps		
		Volts		
		Torque (lb. ft.)		
No load test	Amps	65-100		
	Volts	10.6		
	RPM (min.)	3600-5100		
Motor control	Switch (solenoid, manual)	Solenoid		
	Starting procedure	<p>SYNCHROMESH- Place gearshift in neutral & depress clutch to floor</p> <p>INITIAL START- Press accelerator pedal to floor once to set automatic choke, then release. Turn ignition to START-release as soon as engine starts</p>		

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	2-22-65	REVISED	(*)
MODEL	13837	396 Cu. In. V-8 Engine 375 HP					

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type	Positive shift solenoid	
	Pinion meshes (front, rear)	Rear	
	Number of teeth	Pinion	9
		Flywheel	168
Flywheel tooth face width		.4100 - .4220	

ELECTRICAL—IGNITION SYSTEM

Coil	Make	Delco-Remy	
	Model	1115204	
	Amps	Engine stopped	4.0
		Engine idling	1.8
Distributor	Make	Delco-Remy	
	Model	1111094	
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	800
		Intermediate points deg. @ rpm	
		Max deg. @ rpm	28° @ 4400
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	0° @ 8 In.
		Intermediate points, deg @ in Hg	
		Max. deg. in. Hg.	15° @ 15.5 In.
	Breaker gap (in.)		.019
	Cam angle (deg.)		28° - 32°
Breaker arm tension (oz.)		19-23	
Timing	Crankshaft deg. @ rpm.	8° BTC @ 700	
	Mark location	Harmonic Balancer	
	Cylinder numbering system (see page 2)	Left bank: 1-3-5-7 Right bank: 2-4-6-8	
	Firing order (see page 2)	1-8-4-3-6-5-7-2	
Spark Plug	Make and model	AC43N	
	Thread (mm)	14	
	Tightening torque (lb. ft.)	25	
	Gap	.033-.038	
Cable	Conductor type	Linea core impregnated with conducting material	
	Insulation type	Rubber with neoprene jacket	
	Spark plug protector	Silicon.	

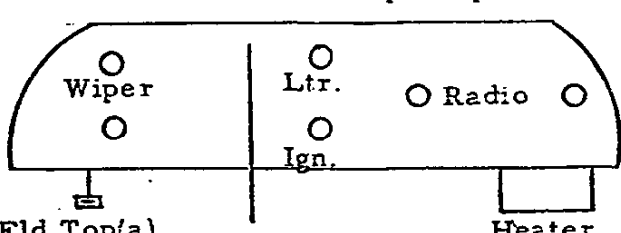
ELECTRICAL—SUPPRESSION

Locations & type	Non-metallic high tension cables
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AMA Specifications - Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-23-65 REVISED (a)
 00, Opt. 396
 In. Engine, L37
 MODEL _____

ELECTRICAL-INSTRUMENTS AND SWITCHES

Speed-ometer	Make	AC			
	Trip odometer (yes, no)	No			
Charge indicator—type		Gage			
Temperature indicator—type		Gage			
Oil pressure indicator—type		Gage			
Fuel indicator—type		Electric gage			
Other		Cigarette lighter, clock, tachometer			
Ignition switch	Identify positions in order and circuits controlled	ACCESSORY OFF ON START	ACCESSORIES - accessories (ign. off OFF - off, locked ON - ignition, batt., accessories START - starter motor, spring return to ON.		
	Provision for illumination	Instrument lamps			
	Location	Instrument cluster to right of steering column			
Main lighting switch	Identify positions and lamps controlled	1st position	2nd position	CW rotation	CCW rotation
		Instru. panel lamps, parking, tail and license lamps.	Instru. panel lamps, parking, tail and license lamps.	Instru. panel lamps dim to off.	Instru. panel lamps off to Bright; full CCW rotation, dome lamp and/or courtesy lamps on.
Other light switches	Locations and lamps controlled	Toe panel - hdlp. dimmer. Glove compt. - glove compt., lamp. Frt. door hinge pillars - dome &/or courtesy lamps. St. column - direct, signal indicators & lamps. Brake pedal pendant - stop lamps. Parking brake lever - parking brake alarm.			
Other switches	Locations and devices controlled	At transmission - back up lamps.			Left side of frt. seat lower panel - pwr. seats (a). Door & qtr. trim panels - power windows (a).
		 <p style="text-align: center;">Fld. Top(a) Heater</p>			
Windshield wiper	Make	Delco			
	Type	Electric two-speed			
	Vacuum booster provision	None			
	Washer provision	Std. equipment			
Horn	Type	Vibrator			
	Number used	Two(a)			
	Amp draw (each)	8.0-11.0 @ 12.5V			

OPTIONAL EQUIPMENT: Folding top motor; power seats; power windows; low note horn.

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 13800, Opt.
 396 Cu. In.
 MODEL Engine. L37

ELECTRICAL—LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-5400 S, dual headlight 2-4001, 2-4002.

Headlamps & arrangement		Dual, horizontal; outer, 2-4002; inner, 2-4001	
Headlamp beam indicator		1-1895	
Parking		2-1157	
Tail		2-1157	
Stop		2-1157	
Direction signal	Front	2-1157	
	Rear	2-1157	
	Indicator	2-1445	
License Plate		2-1155	
Oil pressure indicator		Gage	
Charge indicator		Gage	
Instrument		6-1895	
Clock		1-1895	Std.
Radio		1-1893	Std.

Indicate also whether the following lamp assemblies are standard equipment, optional, or NA.

Tachometer	Gage	Std.
Back up	2-1156	Std.
Door	1-211	Std.
Glove compartment	1-1895	Std.
Prkg. brake signal	1-257	Std.
Luggage compartment	1-1003	Opt.
Underhood	1-93	Opt.
Courtesy Instrument panel	2-631(a)	Std.
Ash tray	1-53	Opt.
Temp. indicator	Gage	Std.
Heater control	1-1895	Std.
Traffic hazard indicator	1-1445	Opt.

(a). Std. seat separator courtesy, 1-211.

OTHER BULBS

<u>Spot lamp</u>		
Portable	1-4416	Opt.
Inside operated	1-4405	Opt.

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 13800, Opt. 396
 (In. Engine,
 MODEL L37

ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

Use trade number of fuse, e.g., SFE-10. Indicate circuit breaker by ampere 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 lamp SFE-10 (a), Direction indicator same as (a).

Headlamp	15 C.B. (a)	Ash tray lamp	(c)
Headlamp beam indicator	(a)	Traffic haz. ind.	(b)
Parking lamp	(a)	Heater	AGC 10 (g)
Tail lamp	AGC 15 (b)	Defogging unit	(g)
Stop lamp	(b)	Spot lamp	(b)
Direction indicator	AGC 3 (c)	Courtesy lamp	(b)
License plate lamp	(b)	Fuel gage	(d)
Instrument lamp	(c)	Folding top motor	40 C.B.
Ignition lamp	---	Power seats	40 C.B.
Back up lamp	AGC 10 (d)	Power windows	40 C.B.
Dome lamp	(b)		
Clock	(b)		
Clock lamp	(c)		
Radio	AGC 2.5 (e)		
Glove compartment lamp	(b)		
Cig. lighter	(b)		
W/S wiper (two-speed)	14 C.B. & SAE 20 (f)		
Parking brake alarm	(d)		
Charge & temp. ind.	(d)		
Tachometer	(d)		
Interior controls lamp	(c)		
Underhood lamp	SAE 4		
Lugg. comp't. lamp	(b)		

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

	Tail	Lowest		
		Highest		
Height above ground to center of bulb	Stop		24.9 (27.4 wagons)	
	Backup		24.9 (27.4 wagons)	
	License, rear		24.9 (27.4 wagons)	
	Directional	Front		26.4 (28.1 wagons)
		Rear		24.9 (27.4 wagons)
	Headlamp	Inside		26.4 (27.0 wagons)
		Outside*		26.4 (27.0 wagons)
	Distance from C/L of car to center of bulb	Tail	Inside	29.1 (32.4 wagons)
			Outside	29.1 (32.4 wagons)
		Stop		29.1 (32.4 wagons)
Backup			29.1 (32.4 wagons)	
License, rear			7.1	
Directional		Front		26.4
		Rear		29.1 (32.6 wagons)
Headlamp		Inside		26.4
		Outside*		26.4

*In case headlamps are used enter here.

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 13800, Opt. 396
 Cu. In. Engine, L37
 MODEL _____

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Chevrolet single dry disc, centrifugal	
Type pressure plate springs	Diaphragm bent finger design	
Effective plate pressure (lb.)	2300-2600	
No. of clutch driven discs	One	
Clutch facing	Material	Woven type asbestos
	Outside & inside dia.	11.0 & 6.5
	Total eff. area (sq.in.)	123.7
	Thickness	.140 ea.
	Engagement cushioning method	Flat spring steel between facings
Release bearing	Type & method of lubrication	Single row ball, packed and sealed
Torsional damping	Methods: springs, friction material	Coil springs

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	4-Speed required
Manual with overdrive (std. or opt.)	NA
Automatic (std. or opt.)	NA

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	4-Speed		
Transmission ratios	In first	2.55	
	In second	1.91	
	In third	1.48	
	In fourth	1.00	
	In reverse	2.64	
Synchronous meshing, specify gears	All forward gears		
Shift lever location	Floor		
Lubricant	Capacity (pt.)	2.5	
	Type recommended	Meeting Military Spec. MIL-L-2105-B	
	SAE viscosity number	Summer	SAE 80
		Winter	SAE 80
		Extreme cold	SAE 80

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MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 2-22-65 REVISED (6)

0, Opt. 396 Cu. In. Engine, L37

Coupes	Convertibles
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BODY--MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front
	Rear doors	Front
Type of finish (lacquer, enamel, other)		Acrylic lacquer
Hood counterbalanced (yes, no)		Yes
Hood release control (internal, external)		External
Vehicle (Serial) No. Location		Left front body hinge pillar
Engine No. Location		8-cyl - on top front of RH bank of cylinder and case
Theft protection - type		Shielded ignition lock terminals key removable in "OFF" position
Vent window control method (crank, friction pivot)	Front	Friction pivot
	Rear	None
Seat cushion type	Front	Formed wire and 1.75 foam rubber pad
	Rear	Formed wire and jute and 1.00 foam rubber pad
	3rd seat	None
Seat back type	Front	Formed wire and cotton
	Rear	Formed wire and cotton
	3rd seat	None
Windshield glass type (i.e., single curved - laminated plate)		Curved, laminated
Backlight glass type (i.e., round curved - tempered plate, piece)		Curved
		Plastic
Side glass type (i.e., curved - tempered plate)		Curved
Side glass exposed surface area	1395.6	1281.4
Windshield glass exposed surface area	1107.1	
Backlight glass exposed surface area	897.7	786.2
Total glass exposed surface area	3400.4	3174.7

BODY--CONVENIENCE EQUIPMENT (Indicate whether standard, optional or NA on each series)

Power windows	Side Windows	Optional
	Vent Windows	NA
	Backlight or tailgate	NA
Power seats (specify type as well as availability)		NA
Reclining front seat back		NA
Front seat headrest		NA
Radios (specify type as well as availability)		AM-FM, Push Button Stereo
Rear seat speaker		1 - Standard
Power Antenna		NA
Clock		Standard, Instrument panel mounted
Air Conditioner (specify type and availability)		

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WEIGHTS

	CURB WEIGHT – POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
13800, Optional 396 Cu. In. Engine, L37 Model								
MALIBU SUPER SPORT 13837 2-Door Coupe			2270 (3525)	38	62			3115 (3350)
Accessories & Equipment Differential Weights								Remarks-
			395					
			8-cyl					
Heater (delete)			21					
Windows, Power			21					
Transmission, 4-Speed			12					
396 Cu. In. V-8			235					
Brakes, Power			8					
Steering, Power			27					

* These are weights that are reported to states for licensing purposes.

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The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown below. This uniform specification form was developed by the automobile manufacturing companies under the auspices of the Automobile Manufacturers Association.

MANUFACTURER	Chevrolet Motor Division General Motors Corporation	CAR NAME	CHEVELLE 131-133-135-13700 194 cu. in. 6-cyl.		132-134-136-13800 283 cu. in. 8-cyl.
MAILING ADDRESS	Owner Relations Service Dept. Chevrolet Motor Division General Motors Building Detroit, Michigan 48202	MODEL YEAR	1965	ISSUED:	9-28-64
				REVISED (a)	2-22-65

NOTES:

1. The Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.

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BODY—TYPES AND STYLE NAMES—

Body type, number of passenger & style names; use manufacturer's code for series & body style.

	194 Cu. In. 6-cylinder	283 Cu. In. 8-cylinder
CHEVELLE 300		
2-Door Sedan, 6-Pass.	13111	13211
2-Door Station Wagon, 2-seat	13115	13215
4-Door Sedan, 6-Pass.	13169	13269
<hr/>		
CHEVELLE 300 DELUXE		
2-Door Sedan, 6-Pass.	13311	13411
4-Door Station Wagon, 2-seat	13335	13435
4-Door Sedan, 6-Pass.	13369	13469
2-Door Sedan Pickup, 3-Pass.	13380	13480
<hr/>		
MALIBU		
4-Door Station Wagon, 2-seat	13535	13635
2-Door Sport Coupe, 5-Pass.	13537	13637
2-Door Convertible, 5-Pass.	13567	13667
4-Door Sedan, 6-Pass.	13569	13669
2-Door Sedan Pickup, 3-Pass.	13580	13680
<hr/>		
MALIBU SUPER SPORT		
2-Door Sport Coupe, 4-Pass.	13737	13837
2-Door Convertible, 4-Pass.	13767	13867

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OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (a) 2-22-65

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL	Additional Information Page #	13100-300-500-700		13200-400-600-800		
		194 Cu. In. L-6	230 Cu. In. L-6	283 Cu. In. V-8		
Wheelbase (L101)	2	115.0				
Tread	Front (W101)	58.0				
	Rear (W102)	58.0				
Maximum Overall Dimensions	Length (L103)	196.6, Wagons 201.4				
	Width (W103)	74.6				
	Height (H101)	Sed. 53.2, Sp. Coupes 52.8, Wagons 55.1, Conv. 52.9				
Transmission (Specify trade name - opt., not available)	Manual Synchronous	3-Speed, Std.		3-Spd. Std, 4-Spd. Opt.		
	Overdrive	Optional				
	Automatic Powerglide	Optional				
Axle ratio	Manual	3.08 (a)	3.08 (a)	3.08 (b)		
		N. A.	N. A.	3.08 (b)		
	Overdrive	3.70	3.70	3.70		
	Automatic	3.08 (a)	3.08 (a)	3.08		
Tire size		Sedans, Sport Cpe, Convert.		2 & 4-Dr Wgns & Sedan Pickup		
		6.95 x 14		7.35 x 14		
Engine	Type, no. cyl., valve arr.	In-line 6 OHV			90° V-8 OHV	
	Fuel system (Carb., other)	Carburetor			Std	RPO - L77
	Bore and stroke	3.563 x 3.25	3.875 x 3.25	3.875 x 3.00		
	Piston displ., cu.in.	194	230	283		
	Std. compression ratio	8.5:1	8.5:1	9.25:1		
	Max. bhp at engine rpm	120 @ 4400	140 @ 4400	195@4800	220@4800	
	Max. torque at rpm	177 @ 2400	220 @ 1600	285@2400	295@3200	

(a) - Station Wagons, 3.36 (b) - 3.36 with 220 HP RPO L77

TYPE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (a) 2-22-65

GENERAL SPECIFICATIONS — DIMENSIONS

(All dimensions in inches unless otherwise indicated)
(Supplemental data available on request)

MODEL	Ref. No.	Sedans		Spt Cpes.		Conv's.		Sta Wgns.		Sedan Pickup
		2-dr	4-dr.	Bn	Bkt	Bn	Bkt	2-seat	3-seat	

FRONT COMPARTMENT

Shoulder room	W3					58.8				
Max. eff. leg room - accelerator	L34	42.0	42.1	42.0	42.1	42.0	42.1	42.0	42.1	41.8
Effective head room	H61	38.6	37.8	37.9	38.7	38.6			38.2	38.5
H Point to Heel point	H30	8.1			7.7				8.1	7.9
Upper body opening to ground	H50				49.2					

REAR COMPARTMENT

Shoulder room	W4	57.4	58.8	56.8	45.6	57.4	58.8	---
H Point couple distance	L50	33.6	31.5	31.6	31.5	31.6	33.6	---
Minimum effective leg room	L51	35.9	36.3	33.3	33.2	33.3	33.2	---
Effective head room	H63	37.3	36.7	36.8	38.4	---	---	

STATION WAGON—THIRD SEAT

Shoulder room	W5							
Effective leg room	L6					None		
Effective head room	H6							

LUGGAGE COMPARTMENT

Usable luggage capacity (See Instr.)	V1	16.8	16.7	16.5	---	---
Liftover height	H195		20.6		17.8	---
Position of spare tire storage		Hor. right rr trunk floor			Rt rr qtr	Bk frt seat
Method of holding lid open		Torsion bars counterbalanced			---	---

STATION WAGON—CARGO SPACE

Minimum distance between wheel houses at floor level	W201	42.4
Rear end opening width at belt	W204	53.0
Floor length from back of front seat at floor level to inside of closed tail gate	L202	92.1
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	80.8
Maximum height - floor covering to headlining at centerline of rear axle	H201	31.3
Maximum height of rear opening - tail and lift gates open	H202	28.5
Cargo volume index (cu.ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	86.0

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TYPE OF CAR	CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-65
MODEL	194 Cu. In. L-6	230 Cu. In. L-6	13200-400-600-800 283 Cu. In. V-8	Standard RPO - L77

ENGINE—GENERAL

Type, no. cyls., valve arr.	In-line 6 OHV		90° V-8 OHV	
Bore and stroke (nominal)	3.563 x 3.25	3.875 x 3.25	3.875 x 3.00	
Piston displacement, cu. in.	194	230	283	
Bore spacing (C/L to C/L)	4.4			
No. system (front to rear)	L. Bank	1-2-3-4-5-6 (In-Line)		1-3-5-7
	R. Bank			2-4-6-8
Firing order	1-5-3-6-2-4		1-8-4-3-6-5-7-2	
Compres. ratio (nominal)	8.5:1	8.5:1	9.25:1	
Cylinder Head Material	Cast alloy iron			
Cylinder Block Material	Cast alloy iron			
Cylinder Sleeve—Wet, dry, none	None			
Number of mounting points	Front	Two		
	Rear	One		
Engine installation angle	3° 51'		5° 11'	
Taxable horsepower <small>Diag. 2 x No. Cyl. / 2.5</small>	30.5	36.0	48.0	
Published max. bhp* @ eng. RPM	120 @ 4400	140 @ 4400	195 @ 4800	220 @ 4800
Published max. torque* @ eng. RPM	177 @ 2400	220 @ 1600	285 @ 2400	295 @ 3200
Recommended fuel regular - premium	Regular			
Idle speed (spec. neutral or drive)	Manual	500 in Neutral		
	Automatic	475 in Drive		

ENGINE—PISTONS

Material	Cast Alum. Alloy			
Description and finish	Flat head; Slipper Skirt	Flat, notched head; Slipper Skirt		
Weight (piston only) oz.	17.60	20.40	20.30	
Clearance (limits)	Top land	.033-.044	.035 - .044	
	Skirt	Top	.0005-.0011 (a)	
		Bottom	.0005-.0011 (b)	
Ring groove depth	No. 1 ring	.1960-.2025	.2153-.2218	
	No. 2 ring	.1960-.2025	.2153-.2218	
	No. 3 ring	.1985-.2050	.2093-.2158	
	No. 4 ring	None		

*Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

(a) - Measured at 2.20 from top of piston.

(b) - Measured at 2.44 from top of piston.

AMA Specifications - Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (*)2-22-65

	13100-300-500-700	13200-400-600-800
MODEL	194 Cu. In. L-6	230 Cu. In. L-6 283 Cu. In. V-8

ENGINE-RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression
	No. 2, oil or comp.	Compression
	No. 3, oil or comp.	Oil Control
	No. 4, oil or comp.	None
Compression	Description - material, type, coating, etc.	Cast alloy iron, inside bevel. Upper - Flash chrome plating O. D. Lower - Wear resistant coating O. D.
	Width	.0775-.0780 Upper: .0770-.0780 Lower
	Gap	.010 - .020
Oil	Description - material, type, coating, etc.	Multi-piece - (2 rails & one spacer expander) Spacer Expander - Steel Rails - Stainless steel, chrome plated O. D.
	Width	.1840-.1880 (assembled)
	Gap	.015-.055
Expanders		In oil ring assembly

ENGINE-PISTON PINS

Material	Chromium steel	
Length	2.990-3.010	
Diameter	.9270-.9273	
Type	Locked in rod, in piston, floating, etc.	Locked in rod
	Bushing	None
	In rod or piston	None
Clearance	In piston	.00015-.00025
	In rod	None
Direction & amount offset in piston	Major thrust side .060	

ENGINE-CONNECTING RODS

Material	Drop forged steel		
Weight (oz.)	17.60	20.40	20.30
Length (center to center)	5.699-5.701		
Bearing	Material & Type	Steel backed babbitt or copper lead alloy	
	Overall length	.807	
	Clearance (limits)	.007-.0027	
	End play	.009-.013	

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE

MODEL YEAR 1965 **DATE ISSUED** 9-28-64 **REVISED(a)** 2-22-65

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first)	
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM			
13100-300 13500-700	194	1-Bbl Down- draft	8.5:1	120 @ 4400	177 @ 2400	3-Speed	3.08:1(a)	3.36:1
						Powerglide*	3.08:1(a)	----
						Overdrive*	3.70:1	----
	230 (Opt)	1-Bbl Down- draft	8.5:1	140 @ 4400	220 @ 1600	3-Speed	3.08:1(a)	3.36:1
						Powerglide*	3.08:1(a)	----
						Overdrive*	3.70:1	----
13200-400 13600-800	283	2-Bbl Down- draft	9.25:1	195 @ 4800	285 @ 2800	3-Speed	3.08:1	3.36:1(b)
						4-Speed*	3.08:1	3.36:1(b)
						Powerglide*	3.08:1	----
						Overdrive*	3.70:1	----
	283*	4-Bbl Down- draft RPO L77	9.25:1	220 @ 4800	295 @ 3200	3-Speed	3.36:1	----
						4-Speed*	3.36:1	----
						Powerglide*	3.36:1	----
						Overdrive*	3.70:1	----
<p>* - Optional # - Also available in Positraction for combinations shown. (a) - Station Wagon Models - 3.36:1 (b) - El Caminos - 3.70:1.</p>								

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 9-28-64 **REVISED (a)** 2-22-65

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first)	
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM			
13100-300 13500-700	194	1-Bbl Down- draft	8.5:1	120 @ 4400	177 @ 2400	3-Speed	3.08:1(a)	3.36:1
						Powerglide*	3.08:1(a)	----
						Overdrive*	3.70:1	----
	230 (Opt)	1-Bbl Down- draft	8.5:1	140 @ 4400	220 @ 1600	3-Speed	3.08:1(a)	3.36:1
						Powerglide*	3.08:1(a)	----
						Overdrive*	3.70:1	----
13200-400 13600-800	283	2-Bbl Down- draft	9.25:1	195 @ 4800	285 @ 2800	3-Speed	3.08:1	3.36:1(b)
						4-Speed*	3.08:1	3.36:1(b)
						Powerglide*	3.08:1	----
						Overdrive*	3.70:1	----
	283*	4-Bbl Down- draft <i>RPO L77</i>	9.25:1	220 @ 4800	295 @ 3200	3-Speed	3.36:1	----
						4-Speed*	3.36:1	----
						Powerglide*	3.36:1	----
						Overdrive*	3.70:1	----
<p>* - Optional # - Also available in Positraction for combinations shown. (a)- Station Wagon Models - 3.36:1 (b)- El Caminos - 3.70:1.</p>								

AMA Specifications - Passenger Car

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MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED ^(*)2-22-65

	13100-300-500-700	13200-400-600-800
MODEL	194 Cu. In. L-6	230 Cu. In. L-6 283 Cu. In. V-8

ENGINE-RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression
	No. 2, oil or comp.	Compression
	No. 3, oil or comp.	Oil Control
	No. 4, oil or comp.	None
Compression	Description - material, type, coating, etc.	Cast alloy iron, inside bevel. Upper - Flash chrome plating O. D. Lower - Wear resistant coating O. D.
	Width	.0775-.0780 Upper; .0770-.0780 Lower
	Gap	.010 - .020
Oil	Description - material, type, coating, etc.	Multi-piece - (2 rails & one spacer expander) Spacer Expander - Steel Rails - Stainless steel, chrome plated O. D.
	Width	.1840-.1880 (assembled)
	Gap	.015-.055
Expanders		In oil ring assembly

ENGINE-PISTON PINS

Material	Chromium steel		
Length	2.990-3.010		
Diameter	.9270-.9273		
Type	Locked in rod, in piston, floating, etc.	Locked in rod	
	Bushing	In rod or piston	None
		Material	None
Clearance	In piston	.00015-.00025	
	In rod	None	
Direction & amount offset in piston		Major thrust side .060	

ENGINE-CONNECTING RODS

Material	Drop forged steel		
Weight (oz.)	17.60	20.40	20.30
Length (center to center)	5.699-5.701		
Bearing	Material & Type	Steel backed babbitt or copper lead alloy	
	Overall length	.807	
	Clearance (Limits)	.007-.0027	
	End play	.009-.013	

AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (a) 2-22-66

	13100-300-500-700	13200-400-600-800
MODEL	194 Cu. In. L-6	283 Cu. In. V-8
	230 Cu. In. L-6	

ENGINE—CRANKSHAFT

Material		Cast nodular iron	Cast nodular iron or forged steel	
Vibration damper type		Rubber mounted inertia damper (a)		
End thrust taken by bearing (No.)		7	5	
Crankshaft end play		.002 - .006		
Main bearing	Material & type		Steel backed babbitt or copper lead alloy	
	Clearance		.0003 - .0029	
	Journal dia. and bearing overall length	No. 1	2.3004 x .752	2.3008 x .752
		No. 2	2.3004 x .752	
		No. 3	2.3004 x .752	
		No. 4	2.3004 x .752	
		No. 5	2.3004 x .752	2.3004 x 1.177
		No. 6	2.3004 x .752	
No. 7		2.3004 x .760		
Dir. & amt. cyl. offset		None		
Crankpin journal diameter		1.999 - 2.000		

ENGINE—CAMSHAFT

Location		Above and to right of crank shaft	In block above crk/shft
Material		Cast alloy iron	
Bearings	Material	Steel backed babbitt	
	Number	4	5
Type of Drive	Gear or chain		Gear
	Crankshaft gear or sprocket material		Chain
	Camshaft gear or sprocket material		Steel
			Steel Sprocket
			Cast alloy iron
Timing chain	No. of links	Bakelite and fabric composition w/ steel hub	
	Width	None	46
	Pitch	None	.875
		None	.500

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		Standard	
Valve rotator, type (intake, exhaust)		None	
Rocker ratio		1.75:1	1.5:1
Operating tappet clearance (Indicate hot or cold)	Intake	Zero	
	Exhaust	Zero	
Timing marks on flywheel, damper, other		Harmonic balancer	

(a) Used only with cast nodular crankshaft.

(Continued)

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MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 9-28-64 **REVISED** ^(*) 2-22-65

MODEL 13100-300-500-700 13200-400-600-800

194 Cu. In. L-6 230 Cu. In. L-6 283 Cu. In. V-8

ENGINE—VALVE SYSTEM (cont.)

Timing (In- cluding Ramps)	Intake	Opens (°BTC)	62°	32° 30'
		Closes (°ABC)	94°	87° 30'
		Duration - deg.	336°	300°
	Exhaust	Opens (°BBC)	92° 30'	74° 30'
		Closes (°ATC)	63° 30'	45° 30'
		Duration - deg.	336°	300°
	Valve opening overlap		125° 30'	78°
Intake	Material		Alloy steel	
	Overall length		4.902 - 4.922	
	Actual overall head dia.		1.715 - 1.725	
	Angle of seat & face		46° (seat) 45° (face)	
	Seat insert material		None	
	Stem diameter		.3404 - .3417	
	Stem to guide clearance		.0010 - .0033	
	Lift (@ zero lash)		.3318	.3987
	Outer spring press. and length	Valve closed (lb. @ in.)	56-64 @ 1.66	78-86 @ 1.66
		Valve open (lb. @ in.)	170-184 @ 1.33	170-180 @ 1.26
	Inner spring press. and length	Valve closed (lb. @ in.)	None	Spring damper
		Valve open (lb. @ in.)	None	Spring damper
Exhaust	Material		High alloy steel	
	Overall length		4.913 - 4.933	
	Actual overall head dia.		1.495 - 1.505	
	Angle of seat & face		46° (seat) 45° (face)	
	Seat insert material		None	
	Stem diameter		.3410 - .3417	
	Stem to guide clearance		.0010 - .0027	
	Lift (@ zero lash)		.3318	.3987
	Outer spring press. and length	Valve closed (lb. @ in.)	56-64 @ 1.66	78-86 @ 1.66
		Valve open (lb. @ in.)	170-184 @ 1.33	170-180 @ 1.26
	Inner spring press. and length	Valve closed (lb. @ in.)	None	Spring damper
		Valve open (lb. @ in.)	None	Spring damper

ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Splash
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Nozzle
	Cylinder walls	Conn. rod bearing throw-off

Pressure, cross-sprayed

(Continued)

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MAKE OF CAR <u>CHEVELLE</u>	MODEL YEAR <u>1965</u>	DATE ISSUED <u>9-28-64</u> REVISED (a) <u>2-22-6</u>
	13100-300-500-700	13200-400-600-800
MODEL	194 Cu. In. L-6	230 Cu. In. L-6 283 Cu. In. V-8

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Gear	
Normal oil pressure (lb. @ engine rpm)	30-45 PSI @ 1500 RPM	
Oil pressure sending unit (elect. or mech.)	Electric	
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, partial, other)	Full-flow	
Filter replacement (element, complete)	Complete	Element
Capacity of crankcase, less filter-refill (qt.)	4.0	
*	32° F and above	- SAE 20W, SAE 20 or SAE 10W-30
Oil grade recommended (SAE viscosity and temperature range)	0° F and above	- SAE 10W, SAE 10W-30
	Below 0° F	- SAE 5W, SAE 5W-20
Engine Service Requirement (MM, MS, etc.)	MS or DC	

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single	Single w/crossover (a)
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, reverse flow (a)	
Exhaust pipe dia. (O.D.) Branch wall thickness	Main	Laminated 2.00x.094
	2.00 x .057-.071	Laminated 2.00x.082 (a)
Exhaust pipe diameter (O.D. & wall thickness)	1.875 x .062 - .076 (a)	

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Ventilates to induction system	
	Optional		
Control unit	Make and model		
	Location	Top rear of rocker cover	Rear of carburetor
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold vacuum	
Complete system	Control method (variable orifice, fixed orifice, other)	Variable	
	Discharges (to intake manifold, carb. air intake, air cleaner intake, other)	Intake manifold	
	Air inlet (breather cap, carburetor air cleaner, other)	Breather cap	
	Flame arrestor (screen, check valve, other)	Check valve	

* SAE 5W-30 can be used as an alternate for 5W; 5W-20 or 10W-30.

(a) RPO L77 - 220 HP - Dual: two, with resonators; 2.50 x .073 - .091 laminated; 2.00 x .062 - .076

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MAKE OF CAR **CHEVELLE** MODEL YEAR **1965** DATE ISSUED **9-28-64** REVISED ^(a) **2-22-65**

	13100-300-500-700	13200-400-600-800
MODEL	194 Cu. In. L-6	230 Cu. In. L-6
		283 Cu. In. V-8

ENGINE—FUEL SYSTEM

See Supplement to Page 8 for Details of Fuel Injection, Carburetor, etc. If used)

Induction type: Carburetor, fuel injection, supercharger.		Carburetor	
Fuel Tank	Capacity (gals.)	20	
	Filler location	Behind hinged rr license plate (a)	
Fuel Pump	Type (elec. or mech.)	Mechanical	
	Locations	Lower right front of engine	
	Pressure range	3.50 - 4.50 PSI	5.25 - 6.50 PSI
Vacuum booster (std., optional, none)		None	
Fuel Filter	Type	Fine mesh plastic strainer in gasoline tank and sintered bronze filter in carburetor	
	Locations	Automatic	
Carburetor	Choke type	Exhaust	
	Intake manifold heat control (exhaust or water)	Oil-wetted polyurethane	
	Air elnr. type	Standard	Oil-wetted paper
		Optional	

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
11100-300 11500-700	194	3-Speed Power glide	Rochester	7025105	One; Single-Barrel, Down-draft	1.56
			Rochester	7023108		
	230 (Opt)	3-Speed Power glide	Rochester	7025003	One; Single-Barrel, Down-draft	1.56
			Rochester	7025000		
13200-400 13600-800	283	3-Speed 4-Speed Power glide	Rochester	7024101	One; Two-Barrel, Down-draft	1.44
			Rochester	7024110		
	283 (Opt)	3-Speed 4-Speed Power glide	Rochester	7025127	One; Four-Barrel	1.44 Primary Secondary
			Rochester	7025128		

(a) Left rear quarter panel on Station Wagons and El Camino.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 9-28-64 **REVISED** (a) 2-22-65
MODEL 13100-300-500-700 13200-400-600-800
 194 Cu. In. L-6 230 Cu. In. L-6 283 Cu. In. V-8

ENGINE--COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure		
Radiator cap relief valve pressure		13 PSI ± 1		
Circulation thermostat	Type (choke, bypass)	Choke		
	Starts to open at (°F)	177° - 183° F		
Water pump	Type (centrifugal, other)	Centrifugal		
	GPM @ 1000 pump rpm	58 @ 4400	60 @ 4400 54 @ 4400	
	Number of pumps	One		
	Drive (V-belt, other)	V-belt		
	Bearing type	Permanently lubricated double row ball		
By-pass recirculation type (internal, external)		Internal		
Radiator core type (cellular, tube and fin, other)		Tube on center		
Cooling system capacity	With heater (qt.)	11	12 17	
	Without heater (qt.)	10	12 16	
	Opt. equipment-specify (qt.) *	12	12 18	
Water jackets full length of cylinder (yes, no)		Yes		
Water all around cylinder (yes, no)		Yes		
Radiator hose	Lower	Number and type (molded, straight)	One, molded	
		Inside diameter	1.75	
	Upper	Number and type (molded, straight)	One, molded	
		Inside diameter	1.28	1.50
	By-pass	Number and type (molded, straight)	None	
		Inside diameter	----	
Fan	Number of blades & Spacing		4, staggered	
	Diameter		17.62	
	Ratio-fan to crankshaft rev.		.949:1	
	Fan cutout type		None	
	Bearing type			
*Drive belts (indicate belt used by letter)	Fan		A	D
	Generator		A	D
	Water Pump		A	D
	Power Steering		B	E
	Air Conditioning		C	F

* Drive Belt Dimensions	A	B	C	D	E	F
Angle of V	38° - 42°					
Nominal length (SAE)	39.00	49.50	54.75	53.50	41.50	57.50
Width	.380 ± .005					

* With heater.

AMA Specifications - Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965
		DATE ISSUED	9-28-64
		REVISED ^(a)	2-22-65
MODEL	194 Cu. In. L-6	230 Cu. In. L-6	283 Cu. In. V-8

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Delco-Remy #1980554		
	Voltage Rtg. & Total Plates	12 Volt; 54 Plates		
	SAE Designation & Amp Hr. Rtg	44 Amp/Hr @ 20 Hr Rate		
	Location	Rgt side frt engine compartment		
	Terminal grounded	Negative		
Generator	Make	Delco-Remy		
	Model	#1100693		
	Type	Diode rectified		
	Ratio—Gen. to Cr/s rev.	2.46:1		
	Gen. cut-in (hot)—engine rpm			
Regulator	Make	Delco-Remy		
	Model	#1119515		
	Type	Vibrator		
	Cutout relay	Closing voltage @ generator rpm		
		Reverse current to open		
	Regulated	Voltage	13.8 - 14.8 @ 85° F	
		Current	None	
	Voltage test conditions	Temperature	Operating	
		Load	3 - 8 Amps	
		Other	None	

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Delco-Remy		
	Model	#1107259	#1107247	
	Rotation (drive end view)	Clockwise		
	Engine cranking speed			
	Test conditions	Engine at operating temperature		
	Lock test	Amps		
		Volts		
		Torque (lb. ft.)		
	No load test	Amps	49 - 76	
		Volts	10.6	
RPM (min.)		6200-9400		
Motor control	Switch (solenoid, manual)	Solenoid		
	Starting procedure	<p>SYNCHROMESH - Place gearshift in neutral and depress clutch to floor. POWERGLIDE - Place control lever in N or P position. INITIAL START - Depress accelerator pedal to floor and release. Turn ignition to START and release as soon as engine starts.</p>		

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (*) 2-22-65
MODEL	13100-300-500-700	13200-400-600-800	
	194 Cu. In. L-6	230 Cu. In. L-6	283 Cu. In. V-8

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type	Positive shift solenoid			
	Pinion meshes (front, rear)	Rear			
	Number of teeth	Pinion	9		
		Flywheel	153		
Flywheel tooth face width		.4010 - .4130			

ELECTRICAL—IGNITION SYSTEM

195 HP Std. | 220 HP RPO L77

Coil	Make	Delco-Remy				
	Model	#1115208	#1115204			
	Amps	Engine stopped	4.0			
Engine idling		1.8				
Distributor	Make	Delco-Remy				
	Model	#1110293	#1110280	#1111015	1111075	
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	600	800	800	750
		Intermediate points deg. @ rpm				
		Max. deg. @ rpm	26° @ 2300	30° @ 3000	30° @ 4000	26° @ 4100
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	6	8	6	
		Intermediate points, deg @ in Hg				
	Max. deg. in. Hg.	21 @ 14.5	15 @ 15.5	22 @ 550		
	Breaker gap (in.)	.019				
	Cam angle (deg.)	31° - 34°		28° - 32°		
Breaker arm tension (oz.)	19 - 23 oz					
Timing	Crankshaft deg. @ rpm.	8° BTC @ 450-500	4° ± 1° BTC @ 500	6 @ 550		
	Mark location	Harmonic Balancer				
	Cylinder numbering system (see page 2)	Front to rear		Left bank 1-3-5-7		
		1-2-3-4-5-6		Rgt. bank 2-4-6-8		
Firing order (see page 2)	1-5-3-6-2-4		1-8-4-3-6-5-7-2			
Spark Plug	Make and model	AC 46N (Long Reach)		AC 45		
	Thread (mm)	14				
	Tightening torque (lb. ft.)	25				
	Gap	.033 - .038				
Cable	Conductor type	Linen core impregnated with conducting material				
	Insulation type	Rubber w/neoprene jacket				
	Spark plug protector	Neoprene				

ELECTRICAL—SUPPRESSION

Locations & type




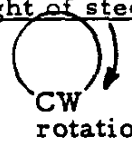
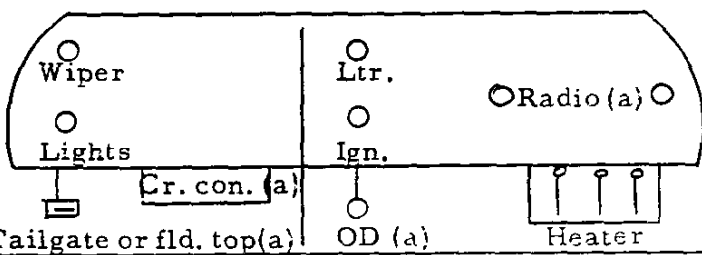
Non-Metallic High Tension Ignition Cables

AMA Specifications - Passenger Car

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MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-65
10 - Standard	13100	13300	13500
L-6 & V-8	13200	13400	13600
MODEL Opt. L-6			13700
			13800

ELECTRICAL-INSTRUMENTS AND SWITCHES

Speedometer	Make M	Type AC		
	Trip odometer (yes, no)	No		
Charge indicator-type		tell-tale	gauge	
Temperature indicator-type		tell-tale	gauge	
Oil pressure indicator-type		tell-tale	gauge	
Fuel indicator-type		electric gauge		
Other		cigarette lighter, clock (a), tachometer (a)		
Ignition switch	Identify positions in order and circuits controlled	ACCESSORY OFF ON START 	ACCESSORY - accessory (ignition off). OFF - off, locked. ON - ignition, battery, accessories. START - starter mtr, spring return to ON.	
	Provision for illumination	instrument lamps		
Main lighting switch	Location	instrument cluster to right of steering column		
	Identify positions and lamps controlled	 1st position Instr. pnl lamps, parking, tail & license lamps.	 2nd position Instr. pnl lamps, head lmps, tail & license lmps.	 CW rotation Instr. pnl lamps dim to off.
Other light switches	Locations and lamps controlled	Toe panel - hdlamp dimmer. Glove compt. -glove compt. lamp (a). Front door hinge pillars - dome and/or courtesy lamps (a). Steer. col - direction signal indicators & lamps. Brake pedal pendent - stop lamps. Parking brake lever - parking brake alarm (a). Steer. mast jacket - backup lamps exc 4-spd & 13700 & 800 w/PG (a).		
Other switches	Locations and devices controlled			Left side of front seat lower panel - power seat (a). Door & qtr trim panels - power windows (a).
Windshield wiper	Make	Delco		
	Type	electric single-spd except two-speed for 13700 and 13800 (a)		
	Vacuum booster provision	None		
	Washer provision	with 2-spd wiper (a)		
Horn	Type	vibrator		
	Number used	two (a)		
	Amp draw (each)	8.00 - 11.0 @ 12.5V		

(a) OPTIONAL EQUIP: Clock 13100, 200, 300 & 400; tach. opr. with V-8 engine; glove compt. lamp 13100, 200, 300 & 400; courtesy lamps exc std conv (door jam switches included on 13100, 200, 300 & 400); parking brake alarm; W/S washer for single-spd wiper; 2-spd wiper (including washer) exc std. 13700 & 13800; tailgate window control; folding top; radio; power seat; power windows; low note 3rd horn exc 131, 13200; overdrive; backup lamps 13100, 200, 300 & 400; cruise control; Powerglide; 4-spd w/V-8.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-66	
13000 Std.	13100	13300	13500	13700
L-6 & V-8	13200	13400	13600	13800
MODEL Opt. L-6				

ELECTRICAL—LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-5400 S, dual headlight 2-4001, 2-4002.

Headlamps & arrangement		Dual, horizontal; outer, 2-4002; inner, 2-4001	
Headlamp beam indicator		1-1895	
Parking		2-1157	
Tail		2-1157	
Stop		2-1157	
Direction signal	Front	2-1157	
	Rear	2-1157	
	Indicator	2-1445	
License Plate		1-1155	
Oil pressure indicator		1-1895	Gage
Charge indicator		1-1895	Gage
Instrument		4-1895	6-1895
Clock		Instru. lamps (a) opt.	Instrument lamps (a) Std.
Radio		1-1893	

Indicate also whether the following lamp assemblies are standard equipment, optional, or NA.

Ignition lock	Instru. lamps		Std.
Back up	2-1156 opt.	2-1156	Std.
Dome	1-211		Std.
Glove compartment	1-1895 opt.	1-1895	Std.
Prkg. brake signal	1-257		Opt.
Luggage compartment	1-1003		Opt. (NA Wagons)
Underhood	1-93		Opt.
Courtesy (Instr. pnl)	2-631 opt. exc std. conv.	2-631 (b)	Std.
Map	NA		
Ash tray	1-53		Opt.
Temp. Ind.	1-1895	std.	Gage Std.
Heater controls	1-1895		Std.
Auto. trans. pos.	pattern ind. 1-1445	opt.	1-1895 Opt.
Spot lamp	Inside operated, 1-4405; portable, 1-4416		Opt.
Tachometer	Instrument lamps		Opt. with V-8
Traffic hazard ind.	1-1445		Opt.

(a) With tachometer option, 1-1895

(b) Seat separator courtesy std. with 4-speed or automatic, 1-211.

AMA Specifications - Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-65
1300 - Standard	13100	13300	13500
L-6 & V-8,	13200	13400	13600
MODEL Opt L6			13700
			13800

ELECTRICAL-FUSE & CIRCUIT BREAKER DATA

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

Headlamp	15 C.B.	(a)	Ash tray lamp	(c)
Headlamp beam indicator		(a)	Traffic haz. ind.	(b)
Parking lamp		(a)	Heater	AGC 10 (g)
Tail lamp	AGC 15	(b)	Air conditioning	Two AGC 30, one in "(g)"
Stop lamp		(b)	Defogging unit	(g)
Direction indicator	AGC 3	(c)	Spot lamp	(b)
License plate lamp		(b)	Courtesy lamp	(b)
Instrument lamp		(c)	Fuel gage	(d)
Ignition lamp	-----		Folding top motor	40 C.B.
Back up lamp	AGC 10	(d)	Power seats	40 C.B.
Dome lamp		(b)	Power windows	40 C.B.
Clock		(b)	Tailgate motor	40 C.B.
Clock lamp		(c)	OD solenoid	AGC 15
Radio	AGC 2.5			
Glove compartment lamp		(b)		
Cigarette lighter		(b)		
W/S wiper (sgl-spd)	SAE 20	(f)		
W/S wiper (2-spd)	"(f)" & 14 C.B.			
Parking brake alarm		(d)		
Cooling, temp & oil ind.		(d)		
Tachometer		(d)		
Heater controls lamp		(c)		
Auto trans. dial ind.		(c)		
Underhood lamp	SAE 4			
Lugg. compt. lamp		(b)		

ELECTRICAL-LOCATION OF OUTSIDE LAMPS

Height above ground to center of bulb	Tail	Lowest		24.9 (27.4 wagons)
		Highest		24.9 (27.4 wagons)
	Stop			24.9 (27.4 wagons)
	Backup			15.9 (24.2 wagons)
	License, rear			16.4 (18.1 wagons)
	Directional	Front		16.4 (17.0 wagons)
		Rear		24.9 (27.4 wagons)
	Headlamp	Inside		26.4 (27.0 wagons)
		Outside*		26.4 (27.0 wagons)
	Tail	Inside		29.1 (32.4 wagons)
Outside			29.1 (32.4 wagons)	
Stop			29.1 (32.4 wagons)	
Backup			29.1 (32.4 wagons)	
License, rear			7.1	
Directional	Front		26.3	
	Rear		29.1 (32.6 wagons)	
Headlamp	Inside		21.7	
	Outside*		26.3	

* If single headlamps are used enter here.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE		MODEL YEAR 1965		DATE ISSUED 9-28-64		REVISED (a) 2-22-65	
13000 - Std. L-6 and 7-8 Optional L-6		Std L-6	Opt L-6	Std L-6, Opt L-6		V-8	
MODEL		3-Spd, OD	3-Spd, OD	HD (RPO M01)	3-Spd, OD	4-Spd	

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type		Chevrolet, single dry disc				(a)
Type pressure plate springs		Diaphragm				(b)
Effective plate pressure (lb.)		1250-1450	1700-1950	1900-2200	1700-1950	2100-2300
No. of clutch driven discs		One				
Clutch facing	Material	Woven type asbestos		(c)	Woven type asbestos	
	Outside & inside dia.	9.12 & 6.12		10.0 & 6.0	10.0 & 6.5	10.4 & 6.5
	Total eff. area (sq.in.)	71.8		100.5	90.7	103.5
	Thickness	.135 ea.				
	Engagement cushioning method	Flat spring steel between facings				
Release bearing	Type & method of lubrication	Single row ball, packed and sealed				
Torsional damping	Methods: springs, friction material	Coil springs				

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	3-speed std., 4-speed opt. with V-8
Manual with overdrive (std. or opt.)	Optional
Automatic (std. or opt.)	Optional

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds		3	4	
Transmission ratios	In first	2.94	2.56	
	In second	1.68	1.91	
	In third	1.00	1.48	
	In fourth	---	1.00	
	In reverse	2.94	2.64	
Synchronous meshing, specify gears		2nd and 3rd	Fwd gear	
Shift lever location		Steering column	Floor	
Lubricant	Capacity (pt.)	2.0		
	Type recommended	Military Spec. MIL-L-2105-B		
	SAE viscosity number	Summer	SAE 80	
		Winter	SAE 80	
Extreme cold		SAE 80		

- (a) Chevrolet, single dry disc, centrifugal.
- (b) Diaphragm, bent finger design.
- (c) Woven front and molded rear facings.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (a) 2-22-65

13000 Standard L-6 & V-8 Opt. L-6	Std. L-6	Opt. L-6	Std. V-8
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DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)		Planetary	
	Manual lockout (yes, no)		Yes	
	Downshift accelerator control (yes, no)		Yes	
	Minimum cut-in speed		Output shaft RPM; deceleration 1100; acceleration 1440	
	Gear ratio		7:1	
	Lubricant	Capacity (pt.) (Overdrive only)		1
		Separate filler (yes, no)		No
		Type recommended		Meeting Military Spec. MIL-L-2105-B
		SAE viscosity number	Summer	SAE 80
			Winter	SAE 80
Ext. cold	SAE 80			

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name		Powerglide	
Type describe		Torque converter with planetary gears	
Method of Selection (Lever, Push Button or other)		Lever (Floor mounted 13700 & 800; steer. col. balance)	
Selector Pattern		P-R-N-D-L	
Gear ratios Selector Pattern and indicate which are used in each selector position		D - 1.82 to 1.0	
		L and R - 1.82	
Max. upshift speeds—drive range	51	53	59
	48	49	55
Torque converter	Number of elements		3
	Max. ratio at stall		2.40 2.10
	Type of cooling (air, water)		Air (a) Water
Lubricant	Capacity—refill (pt.)		3
	Type recommended		A w/ suffix A
Special transmission features			

DRIVE UNITS—PROPELLER SHAFT

Number used		One
Type (exposed, torque tube)		Exposed, unsupported
Outer diameter x length* x wall thickness	Manual transmission	3.25 x 60.137 x .065
	Overdrive transmission	Same as 3-speed
	Automatic transmission	Same as 3-speed

*Center to center of universal joints, or to centerline or rear attachment.

(Continued)

(a) Oil cooling equipment available optionally.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (*) 2-22-65	
13000 - Std. L-6			Std. V-8	
MODEL & V-8, Opt. L-6	Std. L-6	Opt. L-6	3-Speed	4-Speed

DRIVE UNITS—PROPELLER SHAFT (cont.)

Inter- mediate bearing	Type (plain, anti-friction)	None
	Lubrication (fitting, prepack)	----
Universal joints	Make	Chevrolet
	Number used	2
	Type (ball and trunion, cross, other)	Cross
	Bearing	Type (plain, anti-friction)
Lubric. (fitting, prepack)		Prepack
Drive taken through (torque tube or arms, springs)		Control arms
Torque taken through (torque tube or arms, springs)		Control arms

DRIVE UNITS—REAR AXLE

Description (see instructions)	Semi-floating, overhung pinion gear				
Limited Slip differential, type	Dual disc clutches				
Drive Pinion Offset	1.5				
No. of differential pinions	2				
Gear ratios (Std. equip.)	Manual transmission	3.08 (a)	3.08 (a)	3.08 (b)	
	Overdrive transmission	3.70	3.70	3.70	
	Automatic transmission	3.08 (a)	3.08 (a)	3.08 (b)	
Ring gear O.D. (std. ratio)		8.125			
Pinion adjustment (shim, other)		None			
Pinion bearing adj. (shim, other)		Shim			
Wheel bearing type		Sgl row cylindrical ball			
Lubricant	Capacity (pt.)	3.5			
	Type recommended	For conventional axles, Military Spec. MIL-L-2105-B			
	SAE vis- cosity number	Summer	SAE 80		
		Winter	SAE 80		
Extreme cold		SAE 80			

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio		3.08	3.70	3.36
No. of teeth	Pinion	12	10	11
	Ring gear	37	37	37

(a) Station Wagons 3.36 RPO L77 (250 HP); 3.36

AMA Specifications - Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 9-28-64 **REVISED** ^(a) 2-22-65

13000 - Std. L-6 & MODEL V-8, Opt. L-6	Sedans, Sport Coupes, Convertibles	2-Dr & 4-Dr Sta. Wagons, El Camino Sedan Pickup
---	---------------------------------------	--

DRIVE UNITS—WHEELS

Type & material		Short spoke disc, steel
Rim (size and flange type)	Std.	14 x 5J
	Opt.	
Attachment	Type (bolt or stud)	Bolt
	Circle diameter	4.75
	Number and size	5 Hex nuts, 7/16 - 20 UNF - 2B

DRIVE UNITS—TIRES

		Hyway, Tubeless, 2-Ply Blackwall except as noted.	
Standard (List option below)	Size & ply	6.95 x 14-4PR	7.35 x 14-4PR
	Type - Nylon, etc.	Rayon	
Rev/mile at 50 mph.		814	805
Inflation press (cold)	Front	24	24
	Rear	24	28
Optional tires - size and ply		(a)	(b)

BRAKES—SERVICE

		Standard	Metallic (Optional)
Type (duo-servo, disc, balanced, etc.)		Duo-servo, 4-whl hydraulic	
Self-adjusting (std., opt., N.A.)		Reverse self-adjusting, Std.	
Hydraulic system type (single, dual, etc.)		Single	
Power brake make & type (remote, integral, etc.)		Bendix, Delco-Moraine vacuum power unit assists master cylinder; integral.	
Effective area (sq. in.)*		168.9	118.1
Gross lining area (sq. in.)**		168.9	118.1
Swept drum area (sq. in.)***		268.6	
Percent brake effectiveness—front		59.4	
Drum	Diameter	9.5	
	Front	9.5	
	Rear	9.5	
Type and material		Composite: Cast iron rim; Steel web	
Wheel cyl- inder bore	Front	1.12	
	Rear	.9375	
Master cylinder bore		1.00	.875
Available pedal travel		6.70	
Line pressure at 100 lb. pedal load		783	1023
Shoe clearance adjustment		Self-adjusting	

(Continued)

* Excludes rivet holes, grooves, chamfers, etc.
 ** Includes rivet holes, grooves, chamfers, etc.

*** Total swept areas for four brakes:
 Widest lining contact width for each brake x its drum circumference.

- (a): 7.35 x 14-4PR rayon B/W or W/W; 6.95 x 14-4PR rayon W/W.
- (b): 7.35 x 14-4PR rayon W/W.
- (a) and (b): 7.75 x 14-4PR (4 ply) nylon B/W or W/W; 7.75 x 14-4PR rayon B/W or W/W.

AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (a)	2-22-
MODEL	13000 - Std. L-6	13100	13300	13500	13700		
	& V-8, Opt. L-6	13200	13400	13600	13800		

BRAKES—SERVICE (cont.)

			Standard	Metallic (Optional)
			Bonded	Welded
Brake lining	Front Shoe	Bonded or riveted	Bonded	
		Material	Molded asbestos	
		Size (length x width x thickness)	9.01 x 2.5 x .17	1.64 x 1.25 x .175
		Front wheel		
		Rear wheel	9.01 x 2.00 x .17	1.64 x 1.0 x .175
		Segments per shoe	1	6
Rear Shoe	Material		Molded asbestos	
	Size (length x width x thickness)		9.75 x 2.5 x .20	1.64 x 1.25 x .285
		Front wheel		
		Rear wheel	9.75 x 2.00 x .20	1.64 x 1.0 x .285
		Segments per shoe	1	10

BRAKES—PARKING

Type of control	Pulley-cable linkage; foot pedal apply, handle release	
Location of control	Below instrument panel, left of steering column	
Operates on	Rear service brakes	
If separate from service brakes	Type (internal or external)	-----
	Drum diameter	-----
	Lining size (length x width x thickness)	-----

FRAME or UNITIZED CONSTRUCTION

Type and description: All welded perimeter frame with front crossmember, rear suspension crossmember and rear crossmember.

SUSPENSION—GENERAL (See Supplemental page 19 for details on Air Suspension)*

Provision for car leveling	Front stabilizer bar	
Provision for brake dip control	Mounting angle of front upper control arms	
Provision for acc. squat control	Geometry of rear suspension	
Special provisions for car jacking	Bumper jack provided; apply just outboard of bumper bolt at wheel requiring jacking.	
Shock absorber front & rear	Type	(a)
	Make	Delco products
	Piston dia.	1.00
Other special features		

SUSPENSION—FRONT

Type and description: Independent - SLA type with coil spring and concentric shock absorber, and spherically jointed steering knuckle for each wheel.

* Air Suspension:
Air spring type
Compressor data
type
make
drive ratio

Normal operating pressures:
spring rates
leveling data

(Continued)

(a) Direct, double-acting, hydraulic exc. air booster type on 13380, 480, 580 & 680.

AMA Specifications - Passenger Cars

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (a)	2-22-65
MODEL	13000 Std. L-6 and	13100	13300	13500	13700		
	V-8, Opt. L-6	13200	13400	13600	13800		

SUSPENSION FRONT (cont.)

Spring	Type	Coil	
	Material	Steel alloy	
	Size (coil design height & I.D.; bar length x dia.)	L-6: 12.59 & 3.63; 134.0 x .577	V-8: 12.59 & 3.63; 148.4 x .612
	Spring rate (lb. per in.)	225	250
	Rate at wheel (lb. per in.)	84	91
	Design load (lb. @ design height)	1380 @ 12.59	1550 @ 12.59
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & bar diameter	HR steel, .812	

STEERING

Manual (std., opt., NA)		Standard		
Power (std., opt., NA)		Optional		
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt: tilt achieved with universally-jointing steering shaft at base of steering wheel; 5 inch vertical travel range.		
	(std., opt., NA)	Optional		
Wheel diameter	Manual	16.5		
	Power	16.5		
Turning diameter	Outside front	Wall to wall (l. & r.)	44.7	
		Curb to curb (l. & r.)	41.9	
	Inside rear	Wall to wall (l. & r.)		
		Curb to curb (l. & r.)	26.6	
Outside wheel angle with inside wheel at 20°		18.4°		
Manual	Gear	Type	Semi-reversible, recirculating ball nut	
		Make	Saginaw	
		Ratios	Gear: 24:1 Overall: 28:1	
	No. wheel turns		5.48 lock to lock	
	Type (coaxial, linkage, etc.)		Coaxial	
Power	Make		Saginaw	
	Gear	Type	Same as manual	
		Ratios	Gear: 17.5:1 Overall: 20.4:1	
		Pump driven by		Crankshft pulley
	Number wheel turns		3.98 lock to lock	
Linkage	Type		Parallelogram	
	Location (front or rear of wheels, other)		Front of wheels	
	Drag link (trans. or longit.)		None	
	Tie rods (one or two)		2	

(Continued)

AMA Specifications -- Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-65	
13000 - Std. L-6 & V-8	13100	13300	13500	13700
MODEL Optional - L-6	13200	13400	13600	13800

STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		7-3/4 to 8-3/4
	Bearings (type)	Upper	Ball stud with non-metallic bearing surfaces
		Lower	Ball stud with non-metallic bearing surfaces
	Thrust	None	
Wheel alignment (range and preferred)	Caster (deg.)		SS & Sedan Pickup, N1 to 0 (curb); Exc. SS & Sedan Pickup, N1-1/2 to N1/2 (curb)
	Camber (deg.)		0 to P1 (curb)
	Toe-in (outside tread-inches)		1/8 to 1/4 total (curb)
Steering spindle & joint type			Forging with pad for mounting brake cylinder, spherical
Wheel spindle	Diameter	Inner bearing	1.2493-1.2498
		Outer bearing	.7492-.7497
	Thread size		3/4-20 NEF - 3 (modified)
	Bearing type		Taper roller

SUSPENSION—REAR

Type and description			(a)
Drive and torq. taken through (see page 17)			Control arms
Type			Coil
Material			Steel alloy
Spring	Size (length x width, coil design height and I.D.; bar length & dia.)	L-6:	V-8:
		9.74 & 5.50; 108.1 x .516	9.74 & 5.50; 108.1 x .516
	Spring rate (lb. per in.)		100
	Rate at wheel (lb. per in.)		103
	Design load (lb. at design height)		560 @ 9.74
	Design load (lb. at design height)		580 @ 9.74
Mounting insulation type			None
If leaf	No. of leaves		↑ N.A. ↓
	Inserts	Type and size	N.A.
		Material	
Shackle (comp. or tens.)			
Stabilizer	Type (link, linkless, frameless)		None
	Material		---
Track bar type			None

(a) Link; two upper and two lower control arms supporting an integral rear beam consisting of cast iron differential carrier with pressed in tubular rear axle shaft housings.

AMA Specifications - Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a) 2-22-65
MODEL 13000	Sedans	Coupes	Convertibles
	2-Dr 4-Dr		
		Wagons	Sedan
		2-Dr 4-Dr	Pickup

BODY - MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front							
	Rear doors	Front							
Type of finish (lacquer, enamel, other)		Acrylic lacquer							
Hood counterbalanced (yes, no)		Yes							
Hood release control (Internal, external)		External							
Vehicle (Serial) No. Location		Left front body hinge pillar							
Engine No. Location		6-cyl - on crankcase, RH side of engine, rear of distributor 8-cyl - on top front of RH bank of cylinder and case							
Theft protection - type		Shielded ignition lock terminals key removable in "OFF" position.							
Vent window control method (crank, friction pivot)	Front	Friction pivot							
	Rear	None							
Seat cushion type	Front	Formed wire and .75 foam rubber pad (132-13400 (a))							
	Rear	Formed wire & jute & cotton pad (-132- 13400)(b)							
	3rd seat	None							
Seat back type	Front	Formed wire & cotton							
	Rear	Formed wire & cotton							
	3rd seat	None							
Windshield glass type (i.e., single curved - laminated plate)		Curved, laminated							
Backlight glass type (i.e., round curved - tempered plate, three piece)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">Curved</td> <td style="width: 25%; text-align: center;">Plastic</td> <td style="width: 25%; text-align: center;">Flat</td> <td style="width: 25%; text-align: center;">Curved</td> </tr> </table>	Curved	Plastic	Flat	Curved			
Curved	Plastic	Flat	Curved						
Side glass type (i.e., curved - tempered plate)		Curved							
Side glass exposed surface area		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">1406.9</td> <td style="width: 12.5%;">1356.2</td> <td style="width: 12.5%;">1395.6</td> <td style="width: 12.5%;">1281.4</td> <td style="width: 12.5%;">2529.6</td> <td style="width: 12.5%;">2560.6</td> <td style="width: 12.5%;">839.2</td> </tr> </table>	1406.9	1356.2	1395.6	1281.4	2529.6	2560.6	839.2
1406.9	1356.2	1395.6	1281.4	2529.6	2560.6	839.2			
Windshield glass exposed surface area		1107.1							
Backlight glass exposed surface area		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">1032.3</td> <td style="width: 12.5%;">897.7</td> <td style="width: 12.5%;">786.2</td> <td style="width: 12.5%;">768.4</td> <td style="width: 12.5%;">665.2</td> </tr> </table>	1032.3	897.7	786.2	768.4	665.2		
1032.3	897.7	786.2	768.4	665.2					
Total glass exposed surface area		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">3596.3</td> <td style="width: 12.5%;">3495.6</td> <td style="width: 12.5%;">3400.4</td> <td style="width: 12.5%;">3174.7</td> <td style="width: 12.5%;">3667.3</td> <td style="width: 12.5%;">4436.1</td> <td style="width: 12.5%;">2611.5</td> </tr> </table>	3596.3	3495.6	3400.4	3174.7	3667.3	4436.1	2611.5
3596.3	3495.6	3400.4	3174.7	3667.3	4436.1	2611.5			

BODY - CONVENIENCE EQUIPMENT (Indicate whether standard, optional or NA on each series)

Power windows	Side Windows	Optional
	Vent Windows	N. A.
	Backlight or tailgate	Optional tailgate window on 2-st wagons
Power seats (specify type as well as availability)		4-way elec. opt. (N. A. on bucket seats)
Reclining front seat back		N. A.
Front seat headrest		N. A.
Radios (specify type as well as availability)		Manual, push button AM-FM push button optional
Rear seat speaker		Optional
Power Antenna		N. A.
Clock		Std. on 135-136-137-13800: optional 131-132-133-13400
Air Conditioner (specify type and availability)		Four Season, Custom, opt.

(a) 13600 1.75 foam pad; 13800 1.50 foam pad.
 (b) 136-13800 jute and 1.00 foam pad.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (*) 2-22-65

WEIGHTS

Model	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT	
	Front	Rear	Total	Pass. In Front		Pass. In Rear		6-cyl	8-cyl
				Front	Rear	Front	Rear		
		194	283					194	283
		6-cyl	8-cyl					6-cyl	8-cyl
CHEVELLE 300									
131-13211 2-dr sedan		3015	3165	31	69			2870	3010
131-13215 2-dr wagon		3285	3435	31	69			3140	3275
131-13269 4-dr sedan		3045	3195	31	69			2900	3035
CHEVELLE 300 Deluxe									
133-13411 2-dr sedan		3015	3170	31	69			2870	3010
133-13435 4-dr wagon		3330	3480	31	69			3185	3320
133-13469 4-dr sedan		3055	3210	31	69			2910	3050
133-13480 sedan pickup		3070	3225	12	88			2925	3065
MALIBU									
135-13635 4-dr wagon		3370	3515	31	69			3225	3355
135-13637 2-dr coupe		3075	3225	38	62			2930	3065
135-13667 2-dr conv.		3170	3320	38	62			3025	3160
135-13669 4-dr sedan		3090	3240	31	69			2945	3080
135-13680 sedan pickup		3080	3235	12	88			2935	3075
MALIBU SUPER SPORT									
137-13837 2-dr coupe		3125	3275	38	62			2980	3115
137-13867 2-dr conv.		3220	3370	38	62			3075	3210
Accessories & Equipment Differential Weights				Remarks					
		194	283						
		6-cyl	8-cyl						
Air conditioning		+146	+174						
Brakes, power		+ 9	+ 9						
Heater, (delete)		+ 21	+ 21						
Radio, manual		+ 6	+ 6						
Radio, push button		+ 9	+ 9						
Seat, 4-way power		+ 20	+ 20						
Steering, power		+ 28	+ 28						
Transmission, pwrglide		+ 10	+ 14						
Transmission, 4-spd		-	+ 11						
Transmission, ovdrive		+ 26	+ 26						
Windows, power		+ 21	+ 21						

* These are weights that are reported to states for licensing purposes.

AMA Specifications – Passenger Car

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AMA Specifications – Passenger Car

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown below. This uniform specification form was developed by the automobile manufacturing companies under the auspices of the Automobile Manufacturers Association.

MANUFACTURER Chevrolet Motor Division General Motors Corporation	CAR NAME CHEVELLE 132-134-136-13800 327 cu. in. 8-cyl (opt.)				
MAILING ADDRESS General Relations Dept. General Motors Corp., Detroit, Michigan	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">MODEL YEAR 1965</td> <td style="width: 50%;">ISSUED: 9-28-64</td> </tr> <tr> <td colspan="2">REVISED (e)</td> </tr> </table>	MODEL YEAR 1965	ISSUED: 9-28-64	REVISED (e)	
MODEL YEAR 1965	ISSUED: 9-28-64				
REVISED (e)					

NOTES:

1. The Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.

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CHEVELLE 300	<u>Optional 327 cu. in. 8-cylinder</u>
2-Door Sedan, 6-Pass.	13211
2-Door Station Wagon, 2-seat	13215
4-Door Sedan, 6-Pass.	13269
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2-Door Convertible, 5-Pass.	13667
4-Door Sedan, 6-Pass.	13669
2-Door Sedan Pickup, 3-Pass.	13680
MALIBU SUPER SPORT	
2-Door Sport Coupe, 4-Pass.	13837
2-Door Convertible, 4-Pass.	13867

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (a)**GENERAL SPECIFICATIONS — DIMENSIONS**(All dimensions in inches unless otherwise indicated)
(Supplemental data available on request)

MODEL	Ref. No.	SEDANS		SPORT COUPES		CONVERT.		WAGONS		SEDAN
		2-DR	4-DR	BN	BKT	BN	BKT	2-seat	B-seat	PICKUP

FRONT COMPARTMENT

Shoulder room	W3	58.8								
Max. eff. leg room - accelerator	L34	42.0	42.1	42.0	42.1	42.0	42.1	42.0	42.1	41.8
Effective head room	H61	38.6	37.8	37.9	38.7	38.6			38.2	38.5
H Point to Heel point	H30	8.1	7.7						8.1	7.9
Upper body opening to ground	H50	49.2								

REAR COMPARTMENT

Shoulder room	W4	57.4	58.8	56.8	45.6	57.4	58.8	-
H Point couple distance	L50	33.6	31.5	31.6	31.5	31.6	33.6	-
Minimum effective leg room	L51	35.9	36.3	33.3	33.2	33.3	33.2	35.9
Effective head room	H63	37.3	36.7		36.8	38.4	-	

STATION WAGON—THIRD SEAT

Shoulder room	W85	
Effective leg room	L86	None
Effective head room	H86	

LUGGAGE COMPARTMENT

Usable luggage capacity (See instr.)	V1	16.8	16.7	16.5	-	-
Liftover height	H195	20.6			17.8	-
Position of spare tire storage		Hor. right rr. trunk floor			Rt. rr. qtr.	Sk. frt. seat
Method of holding lid open		Torsion bars counterbalanced			-	-

STATION WAGON—CARGO SPACE

Minimum distance between wheel houses at floor level	W201	42.4
Rear end opening width at belt	W204	53.0
Floor length from back of front seat at floor level to inside of closed tail gate	L202	92.1
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	80.8
Maximum height - floor covering to headlining at centerline of rear axle	H201	31.3
Maximum height of rear opening - tail and lift gates open	H202	28.5
Cargo volume index (cu.ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	86.0

AMA Specifications — Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED(6)

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL	13200-400		Additional Information Page No.:	327 Cu. In. V-8 Engines (Opt.)		
	13600-800			RPO L30 250 HP	RPO L74 300 HP	RPO L79 350 HP
Wheelbase (L101)			23	115.0		
Tread	Front (W101)	22		58.0		
	Rear (W102)	22		58.0		
Maximum Overall Dimensions	Length (L103)	23		196.6, Wagons 201.4		
	Width (W103)	22		74.6		
	Height (H101)	24		Sed. 53.2, Sp. Coupes 52.8, Wagons 55.1, Conv. 52.9		
Transmission (Specify trade name - opt., not available)	Manual	15		L30	L74	L79
	Overdrive	16		3-Speed Std., 4-Speed Opt.		
	Automatic	16		Optional		NA
Axle ratio	Manual	17	3	3.07	3.31	
		17	4	3.07	3.31	
	Overdrive	17		NA		
	Automatic	17		3.07	3.31	NA
Tire size			18	7.35 x 14		
Engine	Type, no. cyl., valve arr.	2		90° OHV V-8		
	Fuel system (Carb., other)	8		Carburetor		
	Bore and stroke	2		4.001 x 3.250		
	Piston displ., cu.in.	2		327		
	Std. compression ratio	2		10.5:1		11.0:1
	Max. bhp at engine rpm	2		250 @ 4400	300 @ 5000	350 @ 5800
	Max. torque at rpm	2		350 @ 2800	360 @ 3200	360 @ 3600

AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (a)
	13200-400		327 Cu. In. V-8 Engines (Optional)			
	13600-800	RPO L30	RPO L74	RPO L79		
MODEL		250 HP	300 HP	350 HP		

ENGINE—GENERAL

Type, no. cyls., valve arr.	90° OHV V-8		
Bore and stroke (nominal)	4.001 x 3.250		
Piston displacement, cu. in.	327		
Bore spacing (C/L to C/L)	4.40		
No. system (front to rear)	L. Bank	1-3-5-7	
	R. Bank	2-4-6-8	
Firing order	1-8-4-3-6-5-7-2		
Compress. ratio (nominal)	10.5:1	11.0:1	
Cylinder Head Material	Cast alloy iron		
Cylinder Block Material	Cast alloy iron		
Cylinder Sleeve—Wet, dry, none	None		
Number of mounting points	Front	Two	
	Rear	One	
Engine installation angle	5° 11'		
Taxable horsepower	51.2		
	Dia. 2 x No. Cyl. 2.5		
Published max. bhp* @ eng. RPM	250 @ 4400	300 @ 5000	350 @ 5800
Published max. torque* l. ft. @ RPM	350 @ 2800	360 @ 3200	360 @ 3600
Recommended fuel regular - premium	Premium		
Idle speed (spec. neutral or drive)	Manual	500 in neutral	
	Automatic	475 in drive	

ENGINE—PISTONS

Material	Cast aluminum alloy	Alum. impact extruded
Description and finish	Flat head, notched slipper skirt	Domed head; slipper skirt
Weight (piston only) oz.	21.60	20.40
Clearance (limits)	Top land	.0365-.0455
	Skirt	.0005-.0011(a)
	Bottom	.0039-.0045(b)
Ring groove depth	No. 1 ring	.2217-.2283
	No. 2 ring	.2217-.2283
	No. 3 ring	.2038-.2103
	No. 4 ring	

*Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. hg atmospheric pressure.

(a) Measured at 2.24 from top of piston

(b) Measured at 2.32 from top of piston

AMA Specifications—Passenger Car

KEY OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED ^(a)
	13200-400	327 Cu. In. V-8 Engines (Optional)				
MODEL	13600-800	RPO L30	RPO L74	RPO L79		
		250 HP	300 HP	350 HP		

ENGINE—GENERAL

Type, no. cyls., valve arr.	90° OHV V-8		
Bore and stroke (nominal)	4.001 x 3.250		
Piston displacement, cu. in.	327		
Bore spacing (C/L to C/L)	4.40		
No. system (front to rear)	L. Bank	1-3-5-7	
	R. Bank	2-4-6-8	
Firing order	1-8-4-3-6-5-7-2		
Compres. ratio (nominal)	10.5:1	11.0:1	
Cylinder Head Material	Cast alloy iron		
Cylinder Block Material	Cast alloy iron		
Cylinder Sleeve—Wet, dry, none	None		
Number of mounting points	Front	Two	
	Rear	One	
Engine installation angle	5° 11'		
Taxable horsepower	51.2		
Published max. bhp* @ eng. RPM	250 @ 4400	300 @ 5000	350 @ 5800
Published max. torque* lb. ft. @ RPM	350 @ 2800	360 @ 3200	360 @ 3600
Recommended fuel regular - premium	Premium		
Idle speed (spec. neutral or drive)	Manual	500 in neutral	
	Automatic	475 in drive	

ENGINE—PISTONS

Material	Cast aluminum alloy	Alum. impact extruded	
Description and finish	Flat head, notched slipper skirt	Domed head; slipper skirt	
Weight (piston only) oz.	21.60	20.40	
Clearance (limits)	Top land	.0365-.0455	
	Skirt	Top	.0395-.0425
		Bottom	.0039-.0045(b)
Ring groove depth	No. 1 ring	.2217-.2283	
	No. 2 ring	.2217-.2283	
	No. 3 ring	.2038-.2103	
	No. 4 ring		

*Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

(a) Measured at 2.24 from top of piston

(b) Measured at 2.32 from top of piston

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED ^(a)

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first)
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		
13200 13400 13600 13800	327 *	4 Bbl	10.5:1	250 [†] @ 4400	350 @ 2800	3-Speed 4-Speed* Powerglide*	3.07:1 3.07:1 2.73:1 (a)
		Large 4 Bbl Alum	10.5:1	300 @ 5200	360 @ 3200	3-Speed 4-Speed* Powerglide*	3.31:1 (a) 3.31:1 (a) 3.07:1
		Large 4 Bbl	11.0:1	350 @ 5800	360 @ 3600	3-Speed 4-Speed*	3.31:1 3.31:1
(a) 3.07:1 on El Camino models							
* Optional							

AMA Specifications – Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965
		DATE ISSUED	9-28-64
		REVISED	(*)
	13200-400	327 Cu. In. V-8 Engines (Optional)	
MODEL	13600-800	RPO L30 250 HP	RPO L74 300 HP
			RPO L79 350 HP

ENGINE—RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression	
	No. 2, oil or comp.	Compression	
	No. 3, oil or comp.	Oil	
	No. 4, oil or comp.	None	
Compression	Description - material, type, coating, etc.	Upper Cast alloy iron, inside bevel Chrome plated	Cast alloy iron, inside bevel Molybdenum coating
		Lower Two Piece; cast alloy iron ring Wear resistant casting & steel expander	Cast alloy iron-Moly.coat.
	Width	Upper .0775-.0780; Lower .0770-.0775	
	Gap	Upper .013-.023; Lower .013-.025 Upper & Lower .013-.025	
Oil	Description - material, type, coating, etc.	Multi-piece (2 rails and one spacer expander) Rails - Steel, chrome plated OD Expander - Stainless steel	
	Width	.1840-.1880 assembled	
	Gap	.015-.055	
	Expanders	In oil ring assembly	

ENGINE—PISTON PINS

Material	Chromium steel	
Length	2.990-3.010	
Diameter	.9270-.9273	
Type	Locked in rod, in piston, floating, etc.	
	Locked in rod	
	Bushing	None
	In rod or piston	None
	Material	--
Clearance	In piston	.00015-.00025
	In rod	None
Direction & amount offset in piston	Major thrust side .060	On center

ENGINE—CONNECTING RODS

Material	Drop forged steel	
Weight (oz.)	20.00	
Length (center to center)	5.699-5.701	
Bearing	Material & Type	Premium aluminum
	Overall length	.807
	Clearance (limits)	.0007-.0028
	End play	.009-.013

AMA Specifications—Passenger Car

MAKE OF CAR <u>CHEVELLE</u>	MODEL YEAR <u>1965</u>	DATE ISSUED <u>9-28-64</u> REVISED (*)	
<u>13200-400</u>	<u>327 Cu. In. V-8 Engines (Optional)</u>		
MODEL <u>13600-800</u>	<u>RPO L30</u> <u>250 HP</u>	<u>RPO L74</u> <u>300 HP</u>	<u>RPO L79</u> <u>350 HP</u>

ENGINE—CRANKSHAFT

Material	Forged steel			
Vibration damper type	Rubber mounted inertia damper			
End thrust taken by bearing (No.)	Five			
Crankshaft end play	.002-.006			
Main bearing	Material & type		Premium aluminum except No. 5 upper steel backed babbitt	
	Clearance		#1 thru #4 - .0008-.0034; #5 - .0010-.0036	
	Journal dia. and bearing overall length	No. 1	2.3013 x .752	2.3009 x .752
		No. 2	2.3009 x .752	
		No. 3	2.3009 x .752	
		No. 4	2.3009 x .752	
		No. 5	2.3006 x 1.1824	
		No. 6	None	
No. 7		None		
Dir. & amt. cyl. offset		None		
Crankpin journal diameter	1.999-2.000			

ENGINE—CAMSHAFT

Location	In block above crankshaft			
Material	Cast alloy iron			
Bearings	Material		Extra life steel backed babbitt	
	Number		Five	
	Gear or chain		Chain	
Type of Drive	Crankshaft gear or sprocket material		Steel sprocket	
	Camshaft gear or sprocket material		Cast alloy iron	
	Timing chain	No. of links	40	
		Width	.875	
		Pitch	.500	

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)	Standard		
Valve rotator, type (intake, exhaust)	None		
Rocker ratio	1.5:1		
Operating tappet clearance (indicate hot or cold)	Intake	Zero	
	Exhaust	Zero	
Timing marks on flywheel, damper, other	Damper		

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64		REVISED (*)
MODEL 13200-400	327 Cu. In. V-8 Engines (Optional)			
13600-800	RPO L30 250 HP	RPO L74 300 HP	RPO L79 350 HP	

ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	32° 30'	54°	
		Closes (°ABC)	87° 30'	108°	
		Duration - deg.	300°	342°	
	Exhaust	Opens (°BBC)	74° 30'	102°	
		Closes (°ATC)	45° 30'	60°	
		Duration - deg.	300°	342°	
Valve opening overlap		78°	104°		
Intake	Material		Alloy steel		
	Overall length		4.870-4.889		
	Actual overall head dia.		1.935-1.945	2.017-2.023	
	Angle of seat & face		46° (seat) 45° (face)		
	Seat insert material		None		
	Stem diameter		.340±-.3417		
	Stem to guide clearance		.0010-.0027		
	Lift (@ zero lash)		.3987	.4472	
	Outer spring press. and length	Valve closed (lb. @ in.)	78-86 @ 1.66		
		Valve open (lb. @ in.)	170-180 @ 1.26		
	Inner spring press. and length	Valve closed (lb. @ in.)	Spring damper		
		Valve open (lb. @ in.)	Spring damper		
Exhaust	Material		High alloy steel (aluminized face)		
	Overall length		4.913-4.933	4.891-4.910	
	Actual overall head dia.		1.495-1.505	1.595-1.605	
	Angle of seat & face		46° (seat) 45° (face)		
	Seat insert material		None		
	Stem diameter		.3410-.3417		
	Stem to guide clearance		.0010-.0027		
	Lift (@ zero lash)		.3987	.4472	
	Outer spring press. and length	Valve closed (lb. @ in.)	78-86 @ 1.66		
		Valve open (lb. @ in.)	170-180 @ 1.26		
	Inner spring press. and length	Valve closed (lb. @ in.)	Spring damper		
		Valve open (lb. @ in.)	Spring damper		

ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Splash
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Nozzle
	Cylinder walls	Pressure, jet cross sprayed

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR <u>CHEVELLE</u>	MODEL YEAR <u>1965</u>	DATE ISSUED <u>9-28-64</u>	REVISED (*)
13100 400	327 C.c. In. V-8 Engines (Optional)		
MODEL _____	RPO L30 350 HP	RPO L74 300 HP	RPO L79 350 HP

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Gear
Normal oil pressure (lb. @ engine rpm)	30-45 PS. @ 1500
Oil pressure sending unit (elect. or mech.)	Electric
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, partial, other)	Full flow
Filter replacement (element, complete)	Element
Capacity of crankcase, less filter-refill (qt.)	4
Oil grade recommended (SAE viscosity and temperature range)	32° F and Above ----- SAE20W, SAE20 or SAE10W-30 0° F and Above ----- SAE10W or SAE10W-30 Below 0° F ----- SAE5W or SAE5W-20
Engine Service Requirement (MM, MS, etc.)	MS or DG

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single with CROSSOVER	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, with resonator	Two; reverse flow with resonators
Exhaust pipe dia. (O.D. Branch wall thickness)	2.0 x .044-104	2.50 x .073-.09; laminated
Exhaust pipe dia. (O.D. Main wall thickness)	2.00 x .061-.075	
Tail pipe diameter (O.D. & wall thickness)	2.00 x .061-.075	

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Ventilated to induction system
	Optional	
Control unit	Make and model	
	Location	At carburetor base
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold vacuum
Complete system	Control method (variable orifice, fixed orifice, other)	Variable orifice
	Discharges (to intake manifold, carb. air intake, air cleaner intake, other)	intake manifold
	Air inlet (breather cap, carburetor air cleaner, other)	Breather cap
	Flame arrestor (screen, check valve, other)	Screen

* - SAE5W-30 can be used as an alternate for 5W, 5W-20 or 10W-30.

AMA Specifications - Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (*)
	13200-400		327 Cu. In. V-8 Engines (Optional)			
MODEL	13600-800	RPO L30	RPO L74	RPO L79		
		250 HP	300 HP	350 HP		

ENGINE-FUEL SYSTEM

(See Supplement to Page 8 for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.		Carburetor
Fuel Tank	Capacity (gals.)	20
	Filler location	Behind hinged rear license plate (A)
Fuel Pump	Type (elec. or mech.)	Mechanical
	Locations	Lower right front of engine
	Pressure range	5.25-6.50 PSI 6.00-7.50 PSI
Vacuum booster (std., optional, none)		None
Fuel Filter	Type	Fine mesh plastic strainer in gas tank
	Locations	Sintered bronze filter in carburetor inlet on RPO L30 (B)
Carburetor	Choke type	Automatic
	Intake manifold near carburetor (exhaust or water)	Exhaust
	Air clnr. type	Standard Optional
		Oil-wetted paper element

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
13200	327	3-Speed 4-Speed Powerglide	Rochester	7025127	One; 4 Bbl Down-draft	1.44 (P) 1.44 (S)
			Rochester	7025126		
13400	327	4-Speed Powerglide	Carter	3851761	One; 4 Bbl Down-draft	1.5625 (P) 1.6875 (S)
13600			Carter	3851762		
13800	327	4-Speed	Holley	3863150	One; 4 Bbl Down-draft	1.5625 (P) 1.5625 (S)

(A) - Left rear quarter on Station Wagon and Sedan Pickup models.

(B) - Glass bowl with paper element (RPO L74)

In-line, paper element (RPO L79)

AMA Specifications – Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965
		DATE ISSUED	9-28-64
		REVISED(*)	
	13200-400	327 Cu. In. V-8 Engines (Optional)	
MODEL	13600-800	RPO L30 250 HP	RPO L74 300 HP
			RPO L79 350 HP

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure		
Radiator cap relief valve pressure		13 ± 1 PSI		
Circulation thermostat	Type (choke, bypass)	Choke		
	Starts to open at (°F)	177° - 183° F		
Water pump	Type (centrifugal, other)	Centrifugal		
	GPM @ 1000 pump rpm	57 @ 4400		
	Number of pumps	One		
	Drive (V-belt, other)	V-Belt		
Bearing type		Double row ball		
By-pass recirculation type (internal, external)		Internal	External	
Radiator core type (cellular, tube and fin, other)		Tube on center		
Cooling system capacity	With heater (qt.)	16	18	
	Without heater (qt.)	15	17	
	Opt. equipment—specify (qt.)	18	18	
Water jackets full length of cylinder (yes, no)		Yes		
Water all around cylinder (yes, no)		Yes		
Radiator hose	Lower	Number and type (molded, straight)	One, molded	
		Inside diameter	1.75	
	Upper	Number and type (molded, straight)	One, molded	
		Inside diameter	1.50	
	By-pass	Number and type (molded, straight)	None	One, molded
		Inside diameter	None	.725 - .765
Fan	Number of blades & Spacing		5 Staggered	
	Diameter		18.00	
	Ratio-fan to crankshaft rev.		949:1	
	Fan cutout type		Thermc-modulated - viscous coupling	
	Bearing type		Double row ball	
*Drive belts (indicate belt used by letter)	Fan		A	
	Generator		A	
	Water Pump		A	
	Power Steering		B	
	Air Conditioning		C	NA

* Drive Belt Dimensions	A	B	C
Angle of V	38° - 42°		
Nominal length (SAE)	53.50	41.50	53.25
Width	.380		

* With Heater

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (*)
13200-400	327 Cu. In. V-8 Engines (Optional)		
MODEL 13600-800	RPO L30 250 HP	RPO L74 300 HP	RPO L79 350 HP

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Delco 1980558		
	Voltage Rtg. & Total Plates	12 Volt - 66 Plate		
	SAE Designation & Amp Hr. Rtg	61 Amp/Hr @ 20 Hr Rate		
	Location	Right front engine compartment		
	Terminal grounded	Negative		
Generator	Make	Delco-Remy		
	Model	#1100693		
	Type	Diode rectified		
	Ratio—Gen. to Cr/s rev.	2.46:1		
	Gen. cut-in (hot)—engine rpm	Idle		
Regulator	Make	Delco-Remy		
	Model	#1119515		
	Type	Vibrator		
	Cutout relay	Closing voltage @ generator rpm	None	
		Reverse current to open		
	Regulated	Voltage	13.8-14 @ 85° F	
		Current		
	Voltage test conditions	Temperature	Operating	
Load		3-8 Amperes		
Other		None		

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Delco-Remy		
	Model	1107247	1107320	
	Rotation (drive end view)	Clockwise		
	Engine cranking speed			
	Test conditions	Engine at operating temperatures		
	Lock test	Amps		
		Volts		
		Torque (lb. ft.)		
No load test	Amps	65-100		
	Volts	10.6		
	RPM (min.)	3600-5100		
Motor control	Switch (solenoid, manual)	Solenoid		
	Starting procedure	<p>SYNCHROMESH - Place gearshift in neutral and depress clutch to floor. POWERGLIDE - Place control lever in N or P position. INITIAL START - Press accelerator pedal to floor once to set the automatic choke, then release. Turn ignition to START - release as soon as engine starts.</p>		

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR <u>CHEVELLE</u>	MODEL YEAR <u>1965</u>	DATE ISSUED <u>9-28-64</u>		REVISED ^(*)
13200 100	327 Cu. In. V-8 Engines (Optional)			
13600 800	RPO L30 250 HP	RPO L74 300 HP	RPO L79 350 HP	

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type	Positive shift solenoid		
	Pinion meshes (front, rear)	Rear		
	Number of teeth	Pinion	9	
		Flywheel	153	
	Flywheel tooth face width	.4010-.4130		

ELECTRICAL—IGNITION SYSTEM

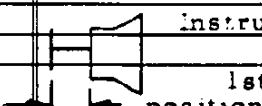
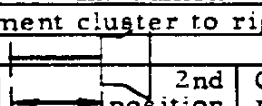
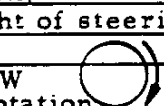
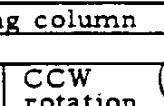
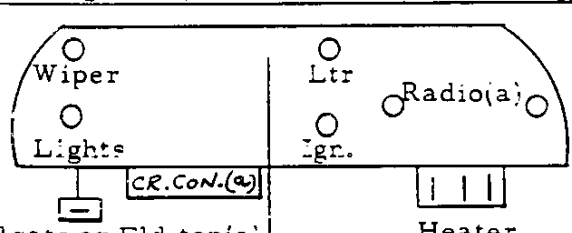
Coil	Make	Delco-Remy			
	Model	#1115204	#1115202		
	Amps	Engine stopped	4.0		
	Engine idling	1.8			
Distributor	Make	Delco-Remy			
	Model	#1111075	#1111071		
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	750	750	
		Intermediate points deg. @ rpm			
		Max deg. @ rpm	26 @ 4100	30 @ 5100	
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg.)	6.00	4.00	
		Intermediate points, deg @ in Hg.			
		Max. deg. in. Hg.	22 @ 12	7 @ 17.5	
		Breaker gap (in.)	.019		
		Cam angle (deg.)	28° - 32°		
	Breaker arm tension (oz.)	10-23			
Timing	Crankshaft deg. @ rpm.				
	Mark location	Vibration damper			
	Cylinder numbering system (see page 2)	Left bank 1-3-5-7			
		Right bank 2-4-6-8			
	Firing order (see page 2)	1-8-4-3-6-5-7-2			
Spark Plug	Make and model	AC44			
	Thread (mm)	14			
	Tightening torque (lb. ft.)	25			
	Gap	.033-.038			
Cable	Conductor type	Linen core impregnated with electrical conducting material			
	Insulation type	Rubber with neoprene jacket			
	Spark plug protector	Hypalon jacket			

ELECTRICAL—SUPPRESSION

Locations & type	Non-metallic high tension ignition cables
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MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28 64	REVISED (a)
Opt. Hi-Performance						
MODEL	13000 Engines L30, L74, L79	13200	13400	13600	13800	

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speedometer	Make	AC	
	Trip odometer (yes, no)	No	
Charge indicator—type		Tell-Tale	Gage
Temperature indicator—type		Tell-Tale	Gage
Oil pressure indicator—type		Tell-Tale	Gage
Fuel indicator—type		Electric gage	
Other		Cigarette lighter, clock (a), tachometer (a)	
Ignition switch	Identify positions in order and circuits controlled	ACCESSORY OFF ON START	ACCESSORIES - access. (ignition off). OFF - off, locked ON - ignition, batt., accessories. START - starter motor, spring return to ON.
	Provision for illumination	Instrument lamps	
	Location	Instrument cluster to right of steering column	
Main lighting switch	Identify positions and lamps controlled	 1st position Instru. panel lamps, parking, tail and license lamps.	 2nd position Instru. panel lamps, parking, tail and license lamps.
		 CW rotation Instru. panel lamps dim to off.	 CCW rotation Instru. panel lamps off to bright; full CCW rotation, dome lamp and/or courtesy lamps on.
Other light switches	Locations and lamps controlled	Toe panel - hdlp. dimmer. Glove compt. - glove compt, lamp (a). Frt. door hinge pillars - dome &/or courtesy lamps(a). St. column. - direct, signal indicators & lamps. Brake pedal pendant - stop lamps. Parking brake lever - parking brake alarm(a).	
Other switches	Locations and devices controlled	 Wiper Lights CR. CON. (a) Ltr Ign. Radio (a) Heater Tailgate or Eld. top (a)	Left side of frt. seat lower panel - pwr. seats (a). Door & qtr. trim panels - power windows (a).
Windshield wiper	Make	Delco	
	Type	Electric: single-speed except two-speed for 13800 (a)	
	Vacuum booster provision	None	
	Washer provision	With two-speed wiper (a)	
Horn	Type	Vibrator	
	Number used	Two(a)	
	Amp draw (each)	8.0-11.0 @ 12.5V	

(a) OPTIONAL EQUIPMENT: clock 13200 & 400; tach. except std. with 13800 with 4-speed; glove compt. lamp 13200 & 400; courtesy lamps except std, convertible (door jam switch included with 13200 & 400); parking brake alarm; W/S washer for single-sp; two-speed wiper (including washer) except std. 13800; tailgate window control; folding top; radio; power seats; power windows; low note horn; back up lamps 13200 & 400; cruise control; Powerglide; 4-speed.

AMA Specifications – Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (*)	
Opt. Hi-Perf. 13000 Engines	13200	13400	13600	13800			
MODEL	L30, 74, 79						

ELECTRICAL—LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-5400 S, dual headlight 2-4001, 2-4002.

Headlamps & arrangement		Dual, horizontal: outer, 2-4002; inner, 2-4001					
Headlamp beam indicator				1-1895			
Parking				2-1157			
Tail				2-1157			
Stop				2-1157			
Direction signal	Front			2-1157			
	Rear			2-1157			
	Indicator			2-1445			
License Plate				2-1155			
Oil pressure indicator		1-1895		Gage			
Charge indicator		1-1895		Gage			
Instrument		4-1895		6-1895			
Clock		Instrument lamps (a)		Opt.	Instrument lamps (a)		Std.
Radio				1-1893		Opt.	

Indicate also whether the following lamp assemblies are standard equipment, optional, or NA.

Ignition lock		Instrument lamps				Std.	
Back up		2-1156	Opt.	2-1156	Std.		
Dome				1-211		Std.	
Glove compartment		1-1895	Opt.	1-1895		Std.	
Prkg. brake signal				1-257			
Luggage compartment				1-1003		Opt. (NA wagons)	
Underhood				1-93		Opt.	
Courtesy		Instrument panel, 2-631		Opt. except std. conv.		2-631(b) Std.	
Ash tray				1-53			
Temp. indicator		1-1895		Std.		Gage Std.	
Heater controls				1-1895			
Auto. trans. dial indicator		1-1445		Opt.		1-1895 Opt.	
Traffic hazard indicator		1-1445				Opt.	

- (a) With tach. option, clock illuminated with 1-1895.
 (b) Std. seat separator courtesy, 1-211, with 4-speed or automatic.

OTHER BULBS

Spot lamp						
Portable				1-4416		Opt.
Inside operated				1-4405		Opt.

AMA Specifications - Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (•)
 Hi-Performance
 13000 Engines
 MODEL L30, 74, 79

ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

Use trade number of fuse, e.g., SFE-10. Indicate circuit breaker by ampere 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 lamp SFE-10 (a), Direction indicator same as (a).

Headlamp	15 C. B. (a)	Ash tray lamp	(c)
Headlamp beam indicator	(a)	Traffic haz. ind.	(b)
Parking lamp	(a)	Heater	AGC 10 (g)
Tail lamp	AGC 15 (b)	Air conditioning	Two AGC 30, one in '(g)'
Stop lamp	(b)	Defogging unit	(g)
Direction indicator	AGC 3 (c)	Spot lamp	(b)
License plate lamp	(b)	Courtesy lamp	(b)
Instrument lamp	(c)	Fuel gage	(d)
Ignition lamp	----	Folding top motor	40 C. B.
Back up lamp	AGC 10 (d)	Power seats	40 C. B.
Dome lamp	(b)	Power windows	40 C. B.
Clock	(b)	Tailgate motor	40 C. B.
Clock lamp	(c)		
Radio	AGC 2.5 (e)		
Glove compartment lamp	(b)		
Cig. lighter	(b)		
W/S wiper (single-speed)	SAE 20 (f)		
W/S wiper (two-speed)	"(f)" & 14 C. B.		
Parking brake alarm	(d)		
Charge temp., & oil ind.	(d)		
Tachometer	(d)		
Heater controls lamp	(c)		
Auto. trans. dial ind.	(c)		
Underhood lamp	SAE 4		
Lugg. compt. lamp	(b)		

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

Height above ground to center of bulb	Tail	Lowest	24.9 (27.4 wagons)
		Highest	24.9 (27.4 wagons)
	Stop		24.9 (27.4 wagons)
	Backup		15.9 (24.2 wagons)
	License, rear		16.4 (18.1 wagons)
	Directional	Front	16.4 (17.0 wagons)
		Rear	24.9 (27.4 wagons)
	Headlamp	Inside	26.4 (27.0 wagons)
Outside*		26.4 (27.0 wagons)	
Distance from C/L of car to center of bulb	Tail	Inside	29.1 (32.4 wagons)
		Outside	29.1 (32.4 wagons)
	Stop		29.1 (32.4 wagons)
	Backup		29.1 (32.4 wagons)
	License, rear		7.1
	Directional	Front	26.3
		Rear	29.1 (32.6 wagons)
	Headlamp	Inside	21.7
Outside*		26.3	

* If single headlamps are used enter here.

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MAKE OF CAR <u>CHEVETTE</u>	MODEL YEAR <u>1965</u>	DATE ISSUED <u>9-28-64</u>	REVISED ^(*)
Opt. Hi-Performance 13000 Engines L30, MODEL <u>L74 L79</u>	<u>L30</u>	<u>L74</u>	<u>L79</u>
3-Spd, Std. 4-Spd. Opt.			

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Chevrolet, single dry disc, centrifugal		
Type pressure plate springs	Diaphragm, bent finger design		
Effective plate pressure (lb.)	2100-2300		
No. of clutch driven discs	One		
Clutch facing	Material	Woven type asbestos	
	Outside & inside dia.	10.4 & 6.5	10.0 & 6.5
	Total eff. area (sq.in.)	103.5	90.7
	Thickness	.135 ea.	
	Engagement cushioning method	Flat spring steel between facings	
Release bearing	Type & method of lubrication	Single row ball, packed and sealed	
Torsional damping	Methods: springs, friction material	Coil springs	

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	3-Speed Std. 4-Speed Opt.	
Manual with overdrive (std. or opt.)	NA	
Automatic (std. or opt.)	Optional	NA

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	3-Speed	4-Speed		
Transmission ratios	In first	2.58	2.56	
	In second	1.48	1.91	
	In third	1.00	1.48	
	In fourth	---	1.00	
	In reverse	2.58	2.64	
Synchronous meshing, specify gears	2nd & 3rd	All forward gears		
Shift lever location	Steering column	Floor		
Lubricant	Capacity (pt.)	2.0	2.5	
	Type recommended	Meeting Military Spec. MIL-L-2105-B		
	SAE viscosity number	Summer	SAE 80	
		Winter	SAE 80	
Extreme cold		SAE 80		

AMA Specifications – Passenger Car

MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64	REVISED (a)
Opt. Hi-Performance 13000 Engines L30 L74, L79	L30	L74	L79
MODEL			

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE - NA

For transmission data see manual transmission section

Overdrive	Type (planetary or other)						
	Manual lockout (yes, no)						
	Downshift accelerator control (yes, no)						
	Minimum cut-in speed						
	Gear ratio						
Lu- bri- cant	Capacity (pt.) (Overdrive only)						
	Separate filter (yes, no)						
	Type recommended						
	SAE viscosity number	<table style="width: 100%; border: none;"> <tr><td style="width: 10px;">Summer</td><td></td></tr> <tr><td>Winter</td><td></td></tr> <tr><td>Ext. cold</td><td></td></tr> </table>	Summer		Winter		Ext. cold
Summer							
Winter							
Ext. cold							

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	Powerglide	NA
Type describe	Torque converter with planetary gears	
Method of Selection (Lever, Push Button or other)	Lever (steering column except floor 13800)	
Selector Pattern	P-R-N-D-L	
List gear ratios Selector Pattern and indicate which are used in each selector position	DRIVE - 1.76 and 1.0 LOW and REVERSE - 1.76	
Max. upshift speeds—drive range	58	65
Max. kickdown speeds—drive range	59	61
Torque convertor	Number of elements	3
	Max. ratio at stall	2.10
	Type of cooling (air, water)	Water
Lubricant	Capacity—refill (pt.)	3
	Type recommended	A suffix A
Special transmission features		

DRIVE UNITS—PROPELLER SHAFT

Number used	One					
Type (exposed, torque tube)	Exposed, unsupported					
Outer diameter x length* x wall thickness	Manual transmission	<table style="width: 100%; border: none;"> <tr><td style="width: 15%;">3-Speed</td><td style="width: 85%;">3.25 x 60.137 x .065</td></tr> <tr><td>4-Speed</td><td>Same as 3-speed</td></tr> </table>	3-Speed	3.25 x 60.137 x .065	4-Speed	Same as 3-speed
	3-Speed	3.25 x 60.137 x .065				
	4-Speed	Same as 3-speed				
	Overdrive transmission	NA				
Automatic transmission	Same as 3-speed					
		NA				

*Center to center of universal joints, or to centerline of rear attachment.

(Continued)

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MAKE OF CAR	CHEVELLE	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (a)
	13000 Opt. Hi-Performance Engines L30, L74, L79		L30		L74	L79
MODEL	L79	3-Speed Std., 4-Speed Opt.				

DRIVE UNITS—PROPELLER SHAFT (cont.)

Inter-mediate bearing	Type (plain, anti-friction)	None		
	Lubrication (fitting, prepack)	---		
Universal joints	Make	Chevrolet		
	Number used	2		
	Type (ball and trunnion, cross, other)	Cross		
	Bearing	Type (plain, anti-friction)	Anti-Friction	
Lubric. (fitting, prepack)		Prepack		
Drive taken through (torque tube or arms, springs)		Control arms		
Torque taken through (torque tube or arms, springs)		Control arms		

DRIVE UNITS—REAR AXLE

Description (see instructions)	Std. - semi-floating, overhung pinion gear				
Limited Slip differential, type	Std. with dual disc clutches				
Drive Pinion Offset	1.5				
No. of differential pinions	2				
Gear ratios (Std. equip.)	Manual transmission	3	3.07	3.31	
		4	3.07	3.31	
	Overdrive transmission	NA			
Automatic transmission	3.07	3.31	NA		
Ring gear O.D. (std. ratio)	8.875				
Pinion adjustment (shim, other)	None				
Pinion bearing adj. (shim, other)	Shim				
Wheel bearing type	Single row cylindrical roller				
Lubricant	Capacity (pt.)	4.0			
	Type recommended	For standard axles, meeting Military Spec. MIL-L-2105-B			
	SAE viscosity number	Summer	SAE 80		
		Winter	SAE 80		
Extreme cold		SAE 80			

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio		3.07	3.31	
No. of teeth	Pinion	14	13	
	Ring gear	43	43	

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MAKE OF CAR CHEVELLE	MODEL YEAR 1965	DATE ISSUED 9-28-64 REVISED (*)
13000 Opt. Hi-Performance MODEL Engines L30, 74, 79	Sedans, Sport Coupes, Convertibles	2-Door & 4-Door Sta. Wgns., El Camino Sedan Pickup

DRIVE UNITS—WHEELS

Type & material		Short spoke disc, steel
Rim (size and flange type)	Std.	14 x 5J
	Opt.	
Attachment	Type (bolt or stud)	Bolt
	Circle diameter	4.75
	Number and size	5 hex nuts, 7/16-20 UNF-2B

DRIVE UNITS—TIRES Highway, tubeless, 2 ply, blackwall unless indicated otherwise

Standard (List option below)	Size & ply	7.35 x 14-4PR	
	Type - Nylon, etc.	Rayon	
Rev/mile at 50 mph.		805	
Inflation press.(cold)	Front	24	
	Rear	24	28
Optional tires - size and ply		7.35 x 14-4PR, rayon, w/w; 7.75 x 14-4PR, rayon; 7.75 x 14-4PR, rayon, w/w; (*) 7.75 x 14-4PR, nylon; (+) 7.75 x 14-4PR, nylon, w/w;	

BRAKES—SERVICE

		Standard	Metallic (optional)
Type (duo-servo, disc, balanced, etc.)		Duo-Servo, 4-wheel hydraulic	
Self adjusting (std., opt., N.A.)		Reverse self-adjusting, std.	
Hydraulic system type (single, dual, etc.)		Single	
Power brake make & type (remote, integral, etc.)		Bendix, Delco-Moraine vacuum power unit assists master cylinder; integral	
Effective area (sq. in.)*		168.9	118.1
Gross lining area (sq. in.)**		168.9	118.1
Swept drum area (sq. in.)***		268.6	
Percent brake effectiveness—front		59.4	
Drum	Diameter	Front 9.5	Rear 9.5
	Type and material	Composite; cast iron rim; steel web	
Wheel cylinder bore	Front	1.12	
	Rear	.9375	
Master cylinder bore		1.00	.875
Available pedal travel		6.70	
Line pressure at 100 lb. pedal load		783	1023
Shoe clearance adjustment		Self-adjusting	

* Excludes rivet holes, grooves, chamfers, etc.

** Includes rivet holes, grooves, chamfers, etc.

*** Total swept areas for four brakes

Widest lining contact width for each brake x its drum circumference.

(*) - 4 ply construction.

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (a)
13000 Opt. H-Perform
ance Engines L30
 MODEL L74, L79

BRAKES—SERVICE (cont.)		Standard	Metallic (optional)		
Brake lining	Bonded or riveted		Bonded	Welded	
	Front Shoe	Material	Molded asbestos	Sintered iron	
		Size (length x width x thickness)	Front wheel	9.0 x 2.5 x .17	1.64 x 1.25 x .175
			Rear wheel	9.0 x 2.0 x .17	1.64 x 1.0 x .175
		Segments per shoe		6	6
	Rear Shoe	Material	Molded asbestos	Sintered iron	
		Size (length x width x thickness)	Front wheel	9.75 x 2.5 x .20	1.64 x 1.25 x .285
			Rear wheel	9.75 x 2.0 x .20	1.64 x 1.0 x .285
Segments per shoe		10	10		

BRAKES—PARKING

Type of control	Pulley-cable linkage; foot pedal; apply handle release		
Location of control	Below instrument pane, left of steering column		
Operates on	Rear service brakes		
If separate from service brakes	Type (Internal or external)	---	
	Drum diameter	---	
	Lining size (length x width x thickness)	---	

FRAME or UNITIZED CONSTRUCTION

Type and description: All welded perimeter frame with front crossmember, rear suspension crossmember and rear crossmember.

SUSPENSION—GENERAL (See Supplemental page 19 for details on Air Suspension)*

Provision for car leveling	Front stabilizer bar		
Provision for brake dip control	Mounting angle of front upper control arms		
Provision for acc. squat control	Geometry of rear suspension		
Special provisions for car jacking	Bumper jack provided; apply just outboard of bumper bolt at wheel requiring jacking		
Shock absorber front & rear	Type	SA	
	Make	Delco products	
	Piston dia.	1.00	
Other special features			

SUSPENSION—FRONT

Type and description: Independent - SLA type with coil spring and concentric shock absorber, and spherically-jointed steering knuckle for each wheel.

(Continued)

* Air Suspension:
 Air spring type
 Compressor data
 type
 make
 drive ratio
 Normal operating pressures
 spring rates
 leveling data

(a) Direct double-acting, hydraulic except air booster type on 13480 & 680.

AMA Specifications – Passenger Cars

MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (*)
13000 Opt. Hi Perform
ance Engines L30, L74, L79
 MODEL _____

SUSPENSION FRONT (cont.)

Spring	Type	Coil
	Material	Steel alloy
	Size (coil design height & I.D.; bar length x dia.)	12.59 & 3.63, 148.4 x .612
	Spring rate (lb. per in.)	250
	Rate at wheel (lb. per in.)	91
	Design load (lb. @ design height)	1580 @ 12.59
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	HR steel .812

STEERING

Manual (std., opt., NA)		Standard	
Power (std., opt., NA)		Optional	
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt: tilt achieved with universally-jointing steering shaft at base of steering wheel; 5" vertical travel range	
	(std., opt., NA)	Optional	
Wheel diameter	Manual	16.5	
	Power	16.5	
Turning diameter	Outside front	Wall to wall (l. & r.)	44.7
		Curb to curb (l. & r.)	41.9
	Inside rear	Wall to wall (l. & r.)	26.6
		Curb to curb (l. & r.)	26.6
Outside wheel angle with inside wheel at 20°		18.41°	
Manual	Gear	Type	Semi-reversible, recirculating ball nut
		Make	Saginaw
		Ratios	24:1 28:1
	No. wheel turns		5.48 lock to lock
Power	Type (coaxial, linkage, etc.)		Coaxial
	Make		Saginaw
	Gear	Type	Same as manual
		Ratios	17.5:1 20.4:1
		Overall	17.5:1 20.4:1
	Pump driven by		Crankshaft pulley
Number wheel turns		3.98 lock to lock	
Linkage	Type		Parallelogram
	Location (front or rear of wheels, other)		Front of wheels
	Drag link (trans. or longit.)		None
	Tie rods (one or two)		2

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MAKE OF CAR CHEVELLE **MODEL YEAR** 1965 **DATE ISSUED** 9-28-64 **REVISED** (*)
 13000 Opt. Hi-Performance
 Engines L30, L74, L75
MODEL _____

STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		7-3/4 to 8-3/4
	Bearings (type)	Upper	Ball stud with non-metallic bearing surfaces
		Lower	Ball stud with non-metallic bearing surfaces
	Thrust	None	
Wheel alignment (range and preferred)	Caster (deg.)		Except SS and sedan pickup: N1-1/2 to N-1/2 (curb). SS and sedan pickup: N1 to 0 (curb).
	Camber (deg.)		0 to P1 (curb).
	Toe-in (outside tread-inches)		1/8 to 1/2 total (curb)
Steering spindle & joint type			Forging with pad for mounting brake cylinder, spherical
Wheel spindle	Diameter	Inner bearing	1.2493-1.2498
		Outer bearing	.7492-.7497
	Thread size		3/4-20 NEF-3 (modified)
	Bearing type		Taper roller

SUSPENSION—REAR

Type and description			4-link, 2 upper and 2 lower control arms
Drive and torque taken through (see page 17)			Control arms
Spring	Type		Coil
	Material		Steel alloy
	Size (length x width, coil design height and I.D.; bar length & dia.)		9.74 & 5.50; 120.6 x .536
	Spring rate (lb. per in.)		100
	Rate at wheel (lb. per in.)		103
	Design load (lb. at design height)		600 @ 9.74
	Mounting insulation type		None
	If leaf	No. of leaves	
Inserts		Type and size	
		Material	
Shackle (strap or tens.)			
Stabilizer	Type (link, linkless, frameless)		None
	Material		
Track bar type			None

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MODEL <u>13000</u>	Sedans		Coupes	Convertibles	Wagons		Sedan Pickup
	2-Dr	4-Dr			2-Dr	4-Dr	

BODY - MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front						
	Rear doors	Front						
Type of finish (lacquer, enamel, other)		Acrylic lacquer						
Hood counterbalanced (yes, no)		Yes						
Hood release control (internal, external)		External						
Vehicle (Serial) No. Location		Left front body hinge pillar						
Engine No. Location		6-cyl - on crankcase RH side of engine, rear of distributor 8-cyl - on top front of RH bank of cylinder and case						
Theft protection - type		Shielded ignition lock terminals key removable in "OFF" position						
Vent window control method (crank, friction pivot)	Front	Friction pivot						
	Rear	None						
Seat cushion type	Front	Formed wire and .75 foam rubber pad (132-13400) (a)						
	Rear	Formed wire and jute and cotton pad (131-132-133-13400) (b)						
	3rd seat	None						
Seat back type	Front	Formed wire and cotton						
	Rear	Formed wire and cotton						
	3rd seat	None						
Windshield glass type (i.e., single curved - laminated plate)		Curved, laminated						
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Curved	Plastic	Flat	Curved			
Side glass type (i.e., curved - tempered plate)		Curved						
Side glass exposed surface area		1406.9	1356.2	1395.6	1281.4	2529.6	2560.6	839.2
Windshield glass exposed surface area		1107.1						
Backlight glass exposed surface area		1032.3	897.7	786.2	768.4	665.2		
Total glass exposed surface area		3596.3	3495.6	3400.4	3174.7	3667.3	4436.1	2611.5

BODY - CONVENIENCE EQUIPMENT (Indicate whether standard, optional or NA on each series)

Power windows	Side Windows	Optional
	Vent Windows	NA
	Backlight or tailgate	Optional tailgate window on 2-seat wagons
Power seats (specify type as well as availability)		4-way electric optional (NA on bucket seats)
Reclining front seat back		NA
Front seat headrest		NA
Radios (specify type as well as availability)		Manual, push button AM-FM push button optional
Rear seat speaker		Optional
Power Antenna		NA
Clock		Std. 136-13800; Optional 132-13400
Air Conditioner (specify type and availability)		Four Season Custom, optional

(a) 13600: 1.75 foam pad; 13800: 1.50 foam pad
 (b) 136-13800 jute and 1.00 foam pad

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MAKE OF CAR CHEVELLE MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED ^(*)

WEIGHTS

Model	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
			327					327
			8-cyl					8-cyl
CHEVELLE 300								
13211 2-Door Sedan			3215	31	69			3060
13215 2-Door Wagon			3480	31	69			3325
13269 4-Door Sedan			3245	31	69			3085
CHEVELLE 300 DELUXE								
13411 2-Door Sedan			3220	31	69			3060
13435 4-Door Wagon			3525	31	69			3370
13669 4-Door Sedan			3290	31	69			3130
13480 Sedan Pickup			3270	12	88			3115
MALIBU								
13635 4-Door Wagon			3565	31	69			3405
13637 2-Door Coupe			3270	38	62			3115
13667 2-Door Conv.			3370	38	62			3210
13669 4-Door Sedan			3290	31	69			3130
13680 Sedan Pickup			3280	12	88			3125
MALIBU SUPER SPORT								
13837 2-Door Coupe			3325	38	62			3165
13867 2-Door Conv.			3420	38	62			3260
Accessories & Equipment Differential Weights								Remarks
			327					
			8-cyl					
Air Conditioning			+104					
Brakes, Power			- 9					
Heater (delete)			- 21					
Radio, manual			- 6					
Radio, push button			+ 9					
Seat, 4-Way Power			- 20					
Steering, Power			- 28					
Transmission, Powerglide			+ 11					
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Transmission, Overdrive			--					
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* These are weights that are reported to states for licensing purposes.

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