



*1965*  
*CHEVROLET*  
*NOVA*



# CHEVY II—4- & 6-Cylinder Engines

## 1965 MODELS WITH STANDARD EQUIPMENT (110" Wheelbase)

Model Description	Price at which Dealer is Invoiced (List Price less 19%) <sup>▲</sup>	Factory D & H	List Price	Mfr's Sgt'd Dealer D & H	Mfr's Sgt'd Retail Price <sup>★</sup>	Desti-nation Charge	Total
<b>4-Cylinder 90-hp Super-Thrift 153 Engine</b>							
<b>Chevy II—100 Series:</b>							
11111 2-Door Sedan—6-Passenger	\$1487.97	\$106.00	\$1837.00	\$25.00	\$1968.00		
11169 4-Door Sedan—6-Passenger	1516.32	108.00	1872.00	25.00	2005.00		
<b>6-Cylinder 120-hp Hi-Thrift 194 Engine</b>							
<b>Chevy II—100 Series:</b>							
11311 2-Door Sedan—6-Passenger	1538.19	109.00	1899.00	25.00	2033.00		
11369 4-Door Sedan—6-Passenger	1566.54	111.00	1934.00	25.00	2070.00		
11335 4-Door Station Wagon—2 Seats	1789.29	128.00	2209.00	25.00	2362.00		
<b>Chevy II—Nova Series:</b>							
11537 2-Door Sport Coupe—5-Passenger	1682.37	120.00	2077.00	25.00	2222.00		
11569 4-Door Sedan—6 Passenger	1662.12	118.00	2052.00	25.00	2195.00		
11535 4-Door Station Wagon—2 Seats	1862.19	132.00	2299.00	25.00	2456.00		
<b>Chevy II—Nova Super Sport Series:</b>							
11737 2-Door Sport Coupe—4-Passenger	1803.87	129.00	2227.00	25.00	2381.00		

▲ Base discount is 21% with the 2% difference retained for dealer's account in accordance with Dealer Price List.  
★ Manufacturer's Suggested Retail Price does 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 <sup>◇</sup>
<b>Air Conditioning, All-Weather:</b> Includes 42-amp Delcotron and HD radiator. (Available on 6-cyl only)	52-1	C60	\$224.20	\$15.70	\$295.00	\$310.70
<b>Antenna, Rear:</b> Replaces front radio antenna. Not available on Station Wagons	45-1	U73	N.C.	N.C.	N.C.	N.C.
<b>Armrests, Rear:</b> 100 Series only. Included when taxi equipment is ordered	54-4	D10	6.84	.45	9.00	9.45
<b>Axle, Rear:</b> For availability and ordering code see Power Teams chart						
3.55 Ratio		G96	N.C.	N.C.	N.C.	N.C.
3.36 Ratio		G76	1.52	.10	2.00	2.10
<b>Axle, Positraction Rear:</b> For availability and ordering code see Power Teams chart		G80	26.60	1.85	35.00	36.85
<b>Battery, Heavy-Duty:</b> 66-plate, 70 amp-hour	36-1	T60	5.32	.35	7.00	7.35
<b>Belts, Seat:</b>						
2 front, Custom De Luxe with retractors	51-2	A49	5.32	.35	7.00	7.35
2 front, Custom De Luxe with retractors and 2 rear Custom De Luxe	51-7	A49/A47	16.72	1.15	22.00	23.15
2 rear, Custom, for use w/production front	51-3	A64	9.12	.65	12.00	12.65
Deletion	51-1	A62	7.90 CR.	.70 CR.	10.00 CR.	10.70 CR.
<b>Brakes, Special:</b> Metallic facings	40-1	J65	26.60	1.85	35.00	36.85
<b>Brakes, Power:</b> Vacuum (6-cyl engines only)	33-2	J50	30.40	2.10	40.00	42.10
<b>Carrier, Luggage:</b> Station wagons only	54-2	V55	30.40	2.10	40.00	42.10
<b>Clutch, Heavy-Duty:</b> Dia 10". Not available with air conditioning. Included with taxi equipment	41-2	M01	3.80	.25	5.00	5.25
<b>Comfort &amp; Convenience Equipment Type "A":</b> Includes outside rearview mirror; inside non-glare mirror; 2-spnd electric wipers & washer						
Series 100; also includes back-up lights & glove compartment light	47-1	Z01	27.36	1.90	36.00	37.90
Nova & Nova Super Sport Series	47-1	Z01	19.76	1.40	26.00	27.40
<b>Comfort &amp; Convenience Equipment Type "B":</b> Identical to Type "A" except outside rearview mirror is remote control						
Series 100	47-2	Z13	34.20	2.40	45.00	47.40
Nova & Nova Super Sport Series	47-2	Z13	26.60	1.85	35.00	36.85

◇ State and local taxes not included.

# HEVY II-4- & 6-Cylinder Engines

## 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*
<b>Cooler, Transmission Oil:</b> (120-hp 6-cylinder engines only.) Included with taxicab equipment. Available only when Powerglide transmission is ordered. Recommended for stop-and-go driving.	41-4	M55	\$ 11.40	\$ .80	\$ 15.00	\$ 15.80
<b>Defroster, Rear Window:</b> Sedans and sport coupes only.	52-4	C50	15.20	1.05	20.00	21.05
<b>Engine:</b> See Power Teams chart for specifications and transmission availability						
140-hp Turbo-Thrift 230	30-1	L26	19.00	1.30	25.00	26.30
<b>Generator:</b>						
42-amp Delcotron (Included when air conditioning is ordered).	39-1	K79	7.60	.55	10.00	10.55
55-amp Delcotron. Not available with taxi equipment						
For use without air conditioning	39-2	K77	15.20	1.05	20.00	21.05
For use with air conditioning	39-2	K77	7.60	.55	10.00	10.55
62-amp Delcotron						
For use without air conditioning	39-3	K81	53.20	3.70	70.00	73.70
For use with air conditioning. Not available with power steering	39-3	K81	45.60	3.20	60.00	63.20
<b>Glass, Soft Ray Tinted:</b> Windshield only	48-1	A02	9.12	.65	12.00	12.65
All windows	48-2	A01	19.00	1.30	25.00	26.30
<b>Guard:</b> Front grille	56-4	V20	10.64	.75	14.00	14.75
Rear bumper; not available on station wagons	56-2	V32	6.84	.45	9.00	9.45
<b>Heater &amp; Defroster Deletion:</b> Not available with air conditioning	52-3	C48	52.93 CR.	3.50 CR.	67.00 CR.	70.50 CR.
<b>Horn, Tri-Volume:</b> Not available with air conditioning	58-3	U03	9.88	.70	13.00	13.70
<b>Instrument Panel, Padded</b>	46-1	B70	11.40	.80	15.00	15.80
<b>Lock, Spare Wheel</b>	54-5	P19	3.80	.25	5.00	5.25
<b>Paint, Exterior:</b> Solid colors			N.C.	N.C.	N.C.	N.C.
Two-tone combinations			7.60	.55	10.00	10.55
<b>Radiator, Heavy-Duty:</b> Included when air conditioning is ordered. Not available with transmission oil cooler						
Models 11111, 11169	36-2	V01	1.90	.10	2.50	2.60
Models 11311, 11369, 11335, 11537, 11569, 11535, 11737	36-2	V01	7.60	.55	10.00	10.55
<b>Radio:</b> Includes front antenna. Rear antenna must be ordered separately						
Manual control	44-2	U60	35.34	2.45	46.50	48.95
Pushbutton control	44-3	U63	41.42	2.90	54.50	57.40
Pushbutton control with rear seat speaker	44-4	U63/U80	50.92	3.55	67.00	70.55
AM-FM pushbutton control	44-5	U69	96.52	6.75	127.00	133.75
AM-FM pushbutton control with rear seat speaker	44-6	U69/U80	106.02	7.40	139.50	146.90
<b>Seat, Divided Second:</b> For station wagons. Fawn trim only	57-2	A66	26.60	1.85	35.00	36.85
<b>Shock Absorbers, Rear:</b>						
Superlift	37-3	G66	26.60	1.85	35.00	36.85
<b>Steering, Power:</b> (6-cyl engine only)	33-1	N40	60.80	4.25	80.00	84.25
<b>Suspension, Special Front &amp; Rear:</b> included with taxi equipment						
On sedans, includes special front & rear springs and heavy-duty rear shock absorbers	37-2	F40	3.42	.20	4.50	4.70
On station wagons, includes special front & rear springs	37-2	F40	2.66	.20	3.50	3.70
<b>Taxi Equipment:</b> Models 11169 & 11369 only; not available with air conditioning. Includes optional HD clutch, HD battery, HD front & rear springs & HD rear shock absorbers, 6.95-14 tires and rear door armrests. Also includes HD radiator when Powerglide is ordered	58-1	B02	45.60	3.20	60.00	63.20
<b>Transmission:</b> For availability see Power Teams chart						
Powerglide	29-1	M35	124.00	8.65	155.00	163.65
<b>Trim, Vinyl Interior:</b> Models 11111, 11169, 11311, 11369	25-V	758	3.80	.25	5.00	5.25
<b>Ventilation, Closed Engine Positive:</b> Approved by State of California	42-1	K24	3.80	.25	5.00	5.25
<b>Wheel Covers:</b> (Not available on Nova Super Sport Series)						
Four; bright metal	49-1	P01	9.50	.65	12.50	13.15
<b>Wheel Covers, Simulated Wire:</b> Four						
For 13" wheels	49-2	P02	49.40	3.45	65.00	68.45
For 14" wheels						
Nova Super Sport Series	49-2	P02	40.28	2.80	53.00	55.80
Nova and 100 Series	49-2	P02	53.20	3.70	70.00	73.70
<b>Window, Power Rear:</b> Electric control. For station wagons only	55-2	A33	19.00	1.30	25.00	26.30

◇ State and local taxes not included.

\* On Nova Super Sport Series (Model 11737): With Powerglide transmission the shift lever is floor mounted. With standard 3-speed transmission the shift lever is mounted on the steering column. A console is included only with the Powerglide transmission.

# CHEVY II—8-Cylinder Engine

## 1965 MODELS WITH STANDARD EQUIPMENT (195-hp Turbo-Fire 283 Engine—110" Wheelbase)

Model Description	Price at which Dealer is Invoiced (List Price less 19%) <sup>‡</sup>	Factory D & H	List Price	Mfr's Suggested Dealer D & H	Mfr's Suggested Retail Price <sup>*</sup>	Destination Charge	Total
<b>Chevy II—100 Series:</b>							
11411 2-Door Sedan—6-Passenger	\$1619.19	\$117.00	\$1999.00	\$25.00	\$2141.00	.....	.....
11469 4-Door Sedan—6-Passenger	1647.54	119.00	2034.00	25.00	2178.00	.....	.....
11435 4-Door Station Wagon—2 Seats	1870.29	133.00	2309.00	25.00	2467.00	.....	.....
<b>Chevy II—Nova Series:</b>							
11637 2-Door Sport Coupe—5-Passenger	1763.37	126.00	2177.00	25.00	2328.00	.....	.....
11669 4-Door Sedan—6-Passenger	1743.12	125.00	2152.00	25.00	2302.00	.....	.....
11635 4-Door Station Wagon—2 Seats	1943.19	138.00	2399.00	25.00	2562.00	.....	.....
<b>Chevy II—Nova Super Sport Series:</b>							
11837 2-Door Sport Coupe—4-Passenger	1884.87	135.00	2327.00	25.00	2487.00	.....	.....

<sup>‡</sup> Base discount is 21% with the 2% difference retained for dealer's account in accordance with Dealer Price List.  
<sup>\*</sup> Manufacturer's Suggested Retail Price does 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 <sup>◇</sup>
<b>Air Conditioning, All-Weather:</b> includes 42-amp Delcotron and HD radiator	52-1	C60	\$224.20	\$15.70	\$295.00	\$310.70
<b>Antenna, Rear:</b> Replaces front radio antenna; not available on station wagons	45-1	U73	N.C.	N.C.	N.C.	N.C.
<b>Armrests, Rear:</b> 100 Series only. Not available on station wagon	54-4	D10	6.84	.45	9.00	9.45
<b>Axle, Rear:</b> For availability and ordering code see Power Teams chart						
3.55 Ratio		G96	N.C.	N.C.	N.C.	N.C.
3.36 Ratio		G76	1.52	.10	2.00	2.10
<b>Axle, Positraction Rear:</b> For availability and ordering code see Power Teams chart		G80	26.60	1.85	35.00	36.85
<b>Battery, Heavy-Duty:</b> 66-plate, 70 amp-hour	36-1	T60	5.32	.35	7.00	7.35
<b>Belts, Seat:</b>						
2 front, Custom De Luxe with retractors	51-2	A49	5.32	.35	7.00	7.35
2 front, Custom De Luxe with retractors and 2 rear Custom De Luxe	51-7	A49/A47	16.72	1.15	22.00	23.15
Custom, 2 rear, for use w/production front seat belts	51-3	A64	9.12	.65	12.00	12.65
Deletion	51-1	A62	7.90 CR.	.70 CR.	10.00 CR.	10.70 CR.
<b>Brakes, Special:</b> Metallic facings	40-1	J65	26.60	1.85	35.00	36.85
<b>Brakes, Power:</b> Vacuum	33-2	J50	30.40	2.10	40.00	42.10
<b>Carrier, Luggage:</b> Station wagons only	54-2	V55	30.40	2.10	40.00	42.10
<b>Comfort &amp; Convenience Equipment Type "A":</b> Includes outside rearview mirror; inside non-glare mirror; 2-spnd electric wipers & washer						
Series 100; also includes back-up lights & glove box light	47-1	Z01	27.36	1.90	36.00	37.90
Nova & Nova Super Sport Series	47-1	Z01	19.76	1.40	26.00	27.40
<b>Comfort &amp; Convenience Equipment Type "B":</b> Identical to Type "A" except outside rearview mirror is remote control						
Series 100	47-2	Z13	34.20	2.40	45.00	47.40
Nova & Nova Super Sports Series	47-2	Z13	26.60	1.85	35.00	36.85

<sup>◇</sup> State and local taxes not included.

# HEVY II—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 <sup>◇</sup>
<b>Defroster, Rear Window:</b> Sedans and Sports Coupes only...	52-4	C50	\$ 15.20	\$1.05	\$ 20.00	\$ 21.05
<b>Engine:</b> See Power Teams chart for complete engine specifications and transmission availability						
220-hp Turbo-Fire 283 V8 .....	30-L	L77	38.00	2.65	50.00	52.65
250-hp Turbo-Fire 327 V8 .....	30-2	L30	66.88	4.65	88.00	92.65
300-hp Turbo-Fire 327 V8 .....	30-3	L74	97.28	6.80	128.00	134.80
<b>Exhaust, Dual:</b> For 250-hp engine only.....	38-5	N10	15.20	1.05	20.00	21.05
<b>Fan, Temperature-Controlled:</b> Included when air conditioning or 250-hp or 300-hp engines are ordered.....	41-1	K02	11.40	.80	15.00	15.80
<b>Generator:</b>						
42-amp Delcotron (Included when air conditioning is ordered)	39-1	K79	7.60	.55	10.00	10.55
55-amp Delcotron. Not available with taxi equipment						
For use without air conditioning.....	39-2	K77	15.20	1.05	20.00	21.05
For use with air conditioning.....	39-2	K77	7.60	.55	10.00	10.55
62-amp Delcotron						
For use without air conditioning.....	39-3	K81	53.20	3.70	70.00	73.70
For use with air conditioning (Not available with power steering).....	39-3	K81	45.60	3.20	60.00	63.20
<b>Glass, Soft Ray Tinted:</b> Windshield only.....						
	48-1	A02	9.12	.65	12.00	12.65
All windows.....	48-2	A01	19.00	1.30	25.00	26.30
<b>Guard:</b> Front grille.....						
Rear bumper; not available on station wagons.....	56-4	V20	10.64	.75	14.00	14.75
	56-2	V32	6.84	.45	9.00	9.45
<b>Heater &amp; Defroster Deletion:</b> Not available with air conditioning.....						
	52-3	C48	52.93 CR.	3.50 CR.	67.00 CR.	70.50 CR.
<b>Horn, Tri-Volume:</b> Not available with air conditioning.....						
	58-3	U03	9.88	.70	13.00	13.70
<b>Instrument Panel, Padded.....</b>						
	46-1	B70	11.40	.80	15.00	15.80
<b>Lock, Spare Wheel.....</b>						
	54-5	P19	3.80	.25	5.00	5.25
<b>Paint, Exterior:</b> Solid colors.....						
Two-tone combinations.....			N.C.	N.C.	N.C.	N.C.
			7.60	.55	10.00	10.55
<b>Radiator, Heavy-Duty:</b> Included when air conditioning is ordered.....						
	36-2	V01	7.60	.55	10.00	10.55
<b>Radio:</b> Includes front antenna. Rear antenna must be ordered separately						
Manual control.....	44-2	U60	35.34	2.45	46.50	48.95
Pushbutton control.....	44-3	U63	41.42	2.90	54.50	57.40
Pushbutton control with rear seat speaker.....	44-4	U63/U80	50.92	3.55	67.00	70.55
AM-FM pushbutton control.....	44-5	U69	96.52	6.75	127.00	133.75
AM-FM pushbutton control with rear seat speaker.....	44-6	U69/U80	106.02	7.40	139.50	146.90
<b>Seat, Divided Second:</b> For station wagons. Fawn trim only..						
	57-2	A66	26.60	1.85	35.00	36.85
<b>Shock Absorber, Rear:</b>						
Superlift.....	37-3	G66	26.60	1.85	35.00	36.85
<b>Steering, Power.....</b>						
	33-1	N40	60.80	4.25	80.00	84.25
<b>Suspension, Special Front &amp; Rear:</b> Not available on station wagons when air conditioning is ordered						
On sedans, includes special front & rear springs and heavy-duty rear shock absorbers.....	37-2	F40	3.42	.20	4.50	4.70
On station wagons, includes special front & rear springs.....	37-2	F40	2.66	.20	3.50	3.70
<b>Tachometer:</b> Mounted on instrument panel.....						
	38-3	U16	34.20	2.40	45.00	47.40
* <b>Transmission:</b> For availability see Power Teams chart						
Powerglide.....	29-1	M35	132.00	9.20	165.00	174.20
4-Speed Synchro-Mesh.....	29-3	M20	133.00	9.30	175.00	184.30
<b>Trim, Vinyl Interior.....</b>						
	25-V	758	3.80	.25	5.00	5.25
<b>Ventilation, Closed Engine Positive:</b> Approved by State of California						
	42-1	K24	3.80	.25	5.00	5.25
<b>Wheel Covers:</b> (Not available on Nova Super Sport Series)						
Four; bright metal.....	49-1	P01	9.50	.65	12.50	13.15
<b>Wheel Covers, Simulated Wire:</b> Four						
For 13" wheels.....	49-2	P02	49.40	3.45	65.00	68.45
For 14" wheels						
Nova Super Sport Series.....	49-2	P02	40.28	2.80	53.00	55.80
Nova and 100 Series.....	49-2	P02	53.20	3.70	70.00	73.70
<b>Window, Power Rear:</b> Electric control. For station wagons only						
	55-2	A33	19.00	1.30	25.00	26.30

◇ State and local taxes not included.

\* On Nova Super Sport Series (Model 11837): With Powerglide and 4-speed transmission the shift lever is floor mounted. With standard 3-speed transmission the shift lever is mounted on the steering column. A console is included only with the Powerglide & 4-speed transmissions.

# CHEVY II TIRES

## CHEVY II BASE TIRE CHART

Model	Base Tires	Tires Included with Taxicab Option
11111	6.00-13/2-ply (4PR)	
11169	6.00-13/2-ply (4PR)	6.95-14/2-ply (4PR)
11311	6.50-13/2-ply (4PR)	
11369	6.50-13/2-ply (4PR)	6.95-14/2-ply (4PR)
11335	7.00-13/2-ply (4PR)	
11537	6.50-13/2-ply (4PR)	
11737	6.95-14/2-ply (4PR)	
11569	6.50-13/2-ply (4PR)	
11535	7.00-13/2-ply (4PR)	
11411	6.95-14/2-ply (4PR)	
11469	6.95-14/2-ply (4PR)	
11435	6.95-14/2-ply (4PR)	
11637	6.95-14/2-ply (4PR)	
11669	6.95-14/2-ply (4PR)	
11635	6.95-14/2-ply (4PR)	
11837	6.95-14/2-ply (4PR)	

## OPTIONAL TIRES FOR CHEVY II 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 <sup>⊕</sup>
<b>TUBELESS TIRES</b>						
<b>Replaces 6.00-13/2-ply (4PR) Regular Highway Blackwall</b>						
(S) 6.00-13/2-ply (4PR) Regular Highway Whitewall . . . . .	10	P50	\$20.52	\$1.20	\$27.00	\$28.20
(S) 6.50-13/2-ply (4PR) Regular Highway Blackwall . . . . .	11	P52	5.32	.85	7.00	7.85
(S) 6.50-13/2-ply (4PR) Regular Highway Whitewall . . . . .	12	P53	25.84	2.05	34.00	36.05
(S) 6.95-14/2-ply (4PR) Regular Highway Blackwall . . . . .	20	P66	19.00	2.40	25.00	27.40
(S) 6.95-14/2-ply (4PR) Regular Highway Whitewall . . . . .	21	P67	39.52	3.60	52.00	55.60
<b>Replaces 6.50-13/2-ply (4PR) Regular Highway Blackwall</b>						
(S) 6.50-13/2-ply (4PR) Regular Highway Whitewall . . . . .	12	P53	20.52	1.20	27.00	28.20
(S) 6.95-14/2-ply (4PR) Regular Highway Blackwall . . . . .	20	P66	11.40	1.40	15.00	16.40
(S) 6.95-14/2-ply (4PR) Regular Highway Whitewall . . . . .	21	P67	31.92	2.55	42.00	44.55
<b>Replaces 7.00-13/2-ply Regular Highway Blackwall</b>						
<sup>a</sup> (S) 7.00-13/2-ply (4PR) Regular Highway Whitewall . . . . .	16	P54	20.52	1.15	27.00	28.15
(S) 6.95-14/2-ply (4PR) Regular Highway Blackwall . . . . .	20	P66	6.08	.50	8.00	8.50
(S) 6.95-14/2-ply (4PR) Regular Highway Whitewall . . . . .	21	P67	26.60	1.70	35.00	36.70
<b>Replaces 6.95-14/2-ply (4PR) Regular Highway Blackwall</b>						
(S) 6.95-14/2-ply (4PR) Regular Highway Whitewall . . . . .	21	P67	20.52	1.15	27.00	28.15

⊕ State and local taxes not included.

<sup>a</sup> Available on Station Wagons only.



# CHEVY II POWER TEAMS

## Engine, Transmission and Rear Axle Combinations

ENGINE		TRANS- MISSION	MODELS	REAR AXLE RATIOS		
Option Number	Description			Standard	Optional	
				General Purpose	ORDER COL-CODE	Special Purpose or Mountain
Std on Models 11111-11169	<b>90-hp Super-Thrift 153 4-Cylinder</b> 153-cu-in displacement 1-barrel carburetor Hydraulic lifters 8.5:1 compression ratio	3-Speed	Sedans	3.08:1	32-3	3.55:1 (RPO G96)
		Powerglide	Sedans	3.08:1		
Std on Series 113-115-117	<b>120-hp Hi-Thrift 194 6-Cylinder</b> 194-cu-in displacement 1-barrel carburetor Hydraulic lifters 8.5:1 compression ratio	3-Speed	Sedans & Coupes	3.08:1	32-2	3.36:1 (RPO G76)
		Powerglide	Sedans & Coupes	3.08:1		
		3-Speed Powerglide	Station Wagons	3.36:1		
L26 on Series 113-115-117	<b>140-hp Turbo-Thrift 230 6-Cylinder</b> 230-cu-in displacement Single-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters	3-Speed	Sedans & Coupes	3.08:1	32-2	3.36:1 (RPO G76)
		Powerglide	Sedans & Coupes	3.08:1		
		3-Speed Powerglide	Station Wagons	3.36:1		
Std on Series 114-116-118	<b>195-hp Turbo-Fire 283 8-Cylinder</b> 283-cu-in displacement 2-barrel carburetor Hydraulic valve lifters 9.25:1 compression ratio	3-Speed	All Models	3.08:1	32-2	3.36:1* (RPO G76)
		Powerglide	All Models	3.08:1		
		4-Speed	All Models	3.08:1	32-3	3.55:1 (RPO G96)
L77 on Series 114-116-118	<b>220-hp Turbo-Fire 283 8-Cylinder</b> 283-cu-in displacement Regular camshaft 4-barrel carburetor 9.25:1 compression ratio Hydraulic valve lifters Dual exhaust	3-Speed	All Models	3.36:1		
		Powerglide	All Models	3.36:1		
		4-Speed	All Models	3.36:1	32-3	3.55:1 (RPO G96)
L30 on Series 114-116-118	<b>250-hp Turbo-Fire 327 8-Cylinder</b> 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 Powerglide	All Models	3.07:1		
L74 on Series 114-116-118	<b>300-hp Turbo-Fire 327 8-Cylinder</b> 327-cu-in displacement Regular camshaft Large 4-barrel carburetor 10.5:1 compression ratio Hydraulic valve lifters Temp-controlled radiator fan	3-Speed 4-Speed Powerglide	All Models	3.07:1		

\* Not available on station wagons.

# CHEVY II POWER TEAMS

## Engine, Transmission and Positraction Rear Axle Combinations

ENGINE		TRANSMISSION	MODELS	ORDER COL-CODE	REAR AXLE RATIOS	
Option Number	Description				Standard	Optional
					General Purpose	Special Purpose or Mountain
Std on Models 11111-11169	90-hp Super-Thrift 153 4-Cylinder 153-cu-in displacement 1-barrel carburetor Hydraulic lifters 8.5:1 compression ratio	3-Speed	Sedans	31-1 31-1/32-3	3.08:1	3.55:1
		Powerglide	Sedans	31-1	3.08:1	
Std on Series 113-115-117	120-hp Hi-Thrift 194 6-Cylinder 194-cu-in displacement 1-barrel carburetor Hydraulic lifters 8.5:1 compression ratio	3-Speed	Sedans & Coupes	31-1 31-1/32-2	3.08:1	3.36:1
		Powerglide	Sedans & Coupes	31-1	3.08:1	
		3-Speed Powerglide	Station Wagons	31-1	3.36:1	
L26 on Series 113-115-117	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	31-1 31-1/32-2	3.08:1	3.36:1
		Powerglide	Sedans & Coupes	31-1	3.08:1	
		3-Speed Powerglide	Station Wagons	31-1	3.36:1	
Std on Series 114-116-118	195-hp Turbo-Fire 283 8-Cylinder 283-cu-in displacement 2-barrel carburetor Hydraulic valve lifters 9.25:1 compression ratio	3-Speed	All Models	31-1 31-1/32-2	3.08:1	3.36:1*
		Powerglide	All Models	31-1	3.08:1	
		4-Speed	All Models	31-1 31-1/32-3	3.08:1	3.55:1
# L77 on Series 114-116-118	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	All Models	31-1	3.36:1	
		Powerglide	All Models	31-1	3.36:1	
		4-Speed	All Models	31-1 31-1/32-3	3.36:1	3.55:1
L30 on Series 114-116-118	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 Powerglide	All Models	31-1	3.07:1	
L74 on Series 114-116-118 Sedans & Coupes only	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	3-Speed 4-Speed Powerglide	Sedans & Coupes	31-1	3.07:1	

\* Not available on station wagons.

# CHEVY II

## Important Information Concerning Ordering Interior Trim and Exterior Colors

CHEVY II & CORVAIR

1965 CHEVY II & CORVAIR CAR ORDER

First Code Letter  
Lower Color

Second Code Letter  
Upper Color

**SOLID COLOR**

COLOR CODE	
LOWER	UPPER
S	S

SIERRA TAN

**TWO TONE COLOR**

COLOR CODE	
LOWER	UPPER
S	V

SIERRA TAN/CAMEO BEIGE

<p><b>Explanation of Exterior Color Identification</b></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><b>Explanation of Interior Trim Identification</b></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
NOVA S.S.	Red interior not available with Two-Tone exterior.
NOVA	<p>Willow Green/Ermine White, Glacier Gray/Tuxedo Black, and Crocus Yellow/Ermine White Two-Tone combinations 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>Saddle interior not available.</p>
100	<p>Glacier Gray, Evening Orchid and Crocus Yellow are not available.</p> <p>Mist Blue/Ermine White, Willow Green/Ermine White, Glacier Gray/Tuxedo Black, and Crocus Yellow/Ermine White Two-Tone combinations 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>

# CHEVY II COLOR & TRIM CHART

INTERIOR TRIM CODES			EXTERIOR COLORS																									
The following code must be shown on the order form for the desired interior trim.  A—AQUA B—BLUE C—SADDLE D—RED E—BLACK F—FAWN V—OPTIONAL FAWN VINYL			Solid										Two-Tone															
			Tuxedo Black	Ermine White	Glacier Gray	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)	Donube 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 Gray/Tuxedo Black			
MODELS	Exterior		AA	CC	WW	NN	RR	SS	VV	YY	HH	JJ	KK	LL	DD	EE	PP	VN	SV	IV	DC	YC	CK	LK	WA			
	Int. Trim & RPO	Code																										
NOVA S.S.  Sport Coupes 11737-11837	V I N Y L	Fawn	718	F	F		F	F	F	F		F	F	F	F	F	F		F	F	F							
		Aqua	744	A	A									A	A										A	A		
		Red	787	D	D		D	D		D														B	B			
		Blue	732	B	B												B	B								B		
		Saddle	702	C	C		C	C	C	C			C								C	C						
		Black	712	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E						E			E
NOVA  Sport Coupes 11537-11637  4-Door Sedans 11569-11669	C L O T H	Fawn	768	F	F		F	F	F	F		F	F	F	F	F	F		F	F	F							
		Aqua	745	A	A									A	A										A	A		
		Red	791	D	D		D	D		D																		
		Blue	734	B	B												B	B							B			
4-Door 2-Seat Station Wagons 11535-11635	V I N Y L	Fawn	769	F	F		F	F	F	F		F	F	F	F	F	F		F	F	F							
		Aqua	747	A	A									A	A										A	A		
		Red	793	D	D		D	D		D																		
		Blue	736	B	B												B	B							B			
100 SERIES  2-Door Sedans 11111-11311- 11411  4-Door Sedans 11169-11369 11469	C L O T H	Fawn	760	F	F		F	F	F	F		F	F	F	F	F	F		F	F	F							
		Aqua	752	A	A									A	A										A	A		
		Red	776	D	D		D	D		D																		
		Fawn Vinyl (Optional)	758	V	V		V	V	V	V		V	V	V	V	V	V	V		V	V	V						
4-Door 2-Seat Station Wagons 11335-11435	V I N Y L	Fawn	761	F	F		F	F	F	F		F	F	F	F	F	F		F	F	F							
		Aqua	754	A	A									A	A										A	A		
		Red	777	D	D		D	D		D																		



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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.

<b>MANUFACTURER</b> Chevrolet Motor Division General Motors Corporation	<b>CAR NAME</b> CHEVY II 11100   113-115-11700   114-116-11800 153 cu.in. 4-cyl.   194 cu.in. 6-cyl.   283 cu.in. 8-cyl.
<b>MAILING ADDRESS</b> Owner Relations Service Dept. Chevrolet Motor Division General Motors Building Detroit, Michigan 48202	<b>MODEL YEAR</b> 1965 <b>ISSUED</b> 9-28-64 <b>REVISED (e)</b> 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.

### TABLE OF CONTENTS

General Specifications . . . . . 1	Drive Units . . . . . 15	Rear Suspension . . . . . 21	Weights . . . . . 23
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.

	153 cu.in. 4-cylinder	194 cu.in. 6-cylinder	283 cu.in. 8-cylinder
<b>CHEVY II 100</b>			
2-Door Sedan, 6-Pass.	11111	11311	11411
4-Door Station Wagon, 2-seat	-----	11335	11435
4-Door Sedan, 6-Pass.	11169	11369	11469
<b>NOVA</b>			
4-Door Station Wagon, 2-seat	-----	11535	11635
2-Door Sport Coupe, 5-Pass.	-----	11537	11637
4-Door Sedan, 6-Pass.	-----	11569	11669
<b>NOVA SS</b>			
2-Door Sport Coupe, 4-Pass.	-----	11737	11837

# AMA Specifications - Passenger Car

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

## GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL		Additional Information Page No.	11100	11300, 11500, 11700		11400, 11600, 11800
			153 Cu In L-4	194 Cu In L-6	230 Cu In L-6	283 Cu In V-8
Wheelbase (L101)		23	SEDANS		COUPES	WAGONS
			110.0			
Tread	Front (W101)	22	56.8			56.3
	Rear (W102)	22	56.3			55.8
Maximum Overall Dimensions	Length (L103)	23	182.9			187.6
	Width (W103)	22	69.9			
	Height (H101)	24	55.0	54.0		55.1
Transmission (Specify trade name - opt., not available)	Manual	15	Synchronesh: 3-Speed Std.; 4-Speed Opt. with V-8			
	Overdrive	16	NA			
	Automatic	16	Powerglide: Optional			
Axle ratio	Manual	17 <sup>3</sup>	3.08	3.08(a)	3.08(a)	3.08
		17 <sup>4</sup>	NA	NA	NA	3.08
	Overdrive	17	NA			
	Automatic	17	3.08	3.08(a)	3.08(a)	3.08
Tire size		18	11100	11300 & 500 Exc. Wagons	11335-535	11400, 600, 700 & 800
			5.00 x 13	6.50 x 13	7.00 x 13	6.95 x 14
Engine	Type, no. cyl., valve arr.	2	4 cyl OHV 153 Cu In	6 cyl OHV 194 Cu In	230 Cu In	V-8 OHV 283 Cu In
	Fuel system (Carb., other)	8	Carburetor			
	Bore and stroke	2	3.875 x 3.25	3.563 x 3.25	3.875 x 3.25	3.875 x 3.00
	Piston displ., cu.in.	2	153	194	230	283
	Std. compression ratio	2	8.5:1		8.5:1	9.25:1
	Max. bhp at engine rpm	2	90 @ 4000	120 @ 4400	140 @ 4400	195 @ 4800 (b)
	Max. torque at rpm	2	152 @ 2400	177 @ 2400	220 @ 1600	285 @ 2400 (c)

(a) Sta. wagons 3.36.

230 @ 4000 for RPO L77 4 bbl carb.

285 @ 3.00 for RPO L77 4 bbl carb.

MAKE OF CAR CHEVY II MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (●) 2-22-65

### GENERAL SPECIFICATIONS — DIMENSIONS

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

MODEL	Ref. No.	SEDANS		SPORT COUPES		WAGONS
		2-DR.	4-DR.	BN	BKT	

#### FRONT COMPARTMENT

Shoulder room	W3	55.3				
Max. eff. leg room - accelerator	L34	40.1	40.3	41.1	40.1	
Effective head room	H61	39.0	38.0	38.3	39.0	
H Point to Heel point	H30	9.0	9.4	9.2	9.5	
Upper body opening to ground	H50	50.2	49.1		45.2	

#### REAR COMPARTMENT

Shoulder room	W4	55.3	54.0		55.3
H Point couple distance	L50	33.6	32.5	31.8	34.4
Minimum effective leg room	L51	36.1	34.9	34.8	37.1
Effective head room	H63	37.6	36.6		37.9

#### STATION WAGON—THIRD SEAT

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

#### LUGGAGE COMPARTMENT

Usable luggage capacity (See instr.)	V1	13.0			
Liftover height	H195	21.0			
Position of spare tire storage		Horz. on trunk floor		Ver. rear quarter	
Method of holding lid open		Torsion bars counterbalanced			

#### STATION WAGON—CARGO SPACE

Minimum distance between wheel houses at floor level	W201	42.8
Rear end opening width at belt	W204	47.0
Floor length from back of front seat at floor level to inside of closed tail gate	L202	86.0
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	73.2
Maximum height - floor covering to headlining at centerline of rear axle	H201	32.6
Maximum height of rear opening - tail and lift gates open	H202	29.0
Cargo volume index (cu.ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	76.2



# AMA Specifications—Passenger Car

M.A. OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED	(a)2-22-65	
MODEL	11100 153 Cu In L-4	11300, 11500, 11700 194 Cu In L-6	230 Cu In L-6	11400, 11600, 11800 283 Cu In V-8				

## ENGINE—GENERAL

Type, no. cyls., valve arr.		In-line 4 OHV	In-line 6 OHV		90° V-8 OHV
Bore and stroke (nominal)		3.875 x 3.25	3.563 x 3.25	3.875 x 3.25	3.875 x 3.00
Piston displacement, cu. in.		153	194	230	283
Bore spacing (C/L to C/L)		4.4			
No. system (front to rear)	L. Bank	1-2-3-4	1-2-3-4-5-6 (In-line)		1-3-5-7
	R. Bank	(Inline)			2-4-6-8
Firing order		1-3-4-2	1-5-3-6-2-4		1-8-4-3-6-5-7-2
Compres. ratio (nominal)		8.5:1		8.5:1	
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	Two		One	
Engine installation angle		3° 51'			5° 11'
Taxable horsepower <small>Dia.<sup>2</sup> x No. Cyl. 2.5</small>		24.0	30.5	36.0	48.0
Published max. bhp* @ eng. RPM		90 @ 4000	120 @ 4400	140 @ 4400	195 @ 4800(c)
Publ. max. torque* (lb. @ RPM)		152 @ 2400	177 @ 2400	220 @ 1600	285 @ 2400(d)
Recommended fuel regular - premium		Regular			
Idle speed (spec. neutral or drive)	Manual	500 in Neutral			
	Automatic	500 in Drive			475 in Drive

## ENGINE—PISTONS

Material				
Description and finish		Flat, notched head; slipper skirt	Flat head; slipper skirt	Flat, notched head; slipper skirt
Weight (piston only) oz.		20.40	17.60	20.40   20.30
Clearance (limits)	Top land	.035-.044		
	Skirt	Top	.0005-.0011(a)	
		Bottom	.0005-.0011(b)	
Ring groove depth	No. 1 ring	.2153-.2218	.1960-.2025	.2153-.2218
	No. 2 ring	.2153-.2218	.1960-.2025	.2153-.2218
	No. 3 ring	.2093-.2158	.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 2.44 from top of piston      220 @ 4800 for RPO L77      + bbl carb  
 (b) Measured at 2.20 from top of piston      225 @ 3200 for RPO L77      + bbl carb

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVY II 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		General Purpose Standard	Special Purpose or Mountain
11100	153 (Std)	1-Bbl Down- draft	8.5:1	90 @ 4000	152 @ 2400	Sedans & Coupes 3-Speed Powerglide*	3.08:1 3.08:1	3.55:1 --
11300	194 (Std)	1-Bbl Down- draft	8.5:1	120 @ 4400	177 @ 2400	Sedans & Coupes 3-Speed Powerglide*	3.08:1 3.08:1	3.36:1 --
11500						Station Wagons 3-Spd & P/gld*	3.36:1	--
11700	230 (Opt)	1-Bbl Down- draft	8.5:1	140 @ 4400	220 @ 1600	Sedans & Coupes 3-Speed Powerglide* Station Wagons 3-Spd & P/gld*	3.08:1 3.08:1	3.36:1 -- --
11400 11600 11800	283 (Std)	2-Bbl Down- draft	9.25:1	195 @ 4800	285 @ 2800	3-Speed	3.08:1	3.36:1
						4-Speed* Powerglide*	3.08:1 3.08:1	3.55:1 --
	283 (Opt)	One; 4-Bbl Down- draft	9.25:1	220 @ 4800	295 @ 3200	3-Speed 4-Speed* Powerglide*	3.36:1 3.36:1 3.36:1	-- 3.55:1 --
* - Optional # - Also available in Positraction for combinations shown.								

# AMA Specifications – Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED	(*)2-22-65
MODEL	11100 153 Cu In L-4	11300, 11500, 11700 194 Cu In L-6	230 Cu In L-6	11400, 11600, 11800 238 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
	Width	.0775-.0780 Upper; .0770-.0780 Lower
	Gap	.010-.020
Oil	Description - material, type, coating, etc.	Multi-piece - (2 rails and 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		
Len	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		
	In rod	None	
Direction & amount offset in piston	Major thrust side .060		

## ENGINE—CONNECTING RODS

Material	Drop forged steel	
Weight (oz.)	20.00	
Length (center to center)	5.699-5.701	
Bearing	Material & Type	Steel backed babbitt or Copper lead alloy
	Overall length	.807
	Clearance (limits)	.0007-.0027
	End play	.009-.013

# AMA Specifications—Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (a)2-22-64
MODEL	11100 153 Cu In L-4	11300, 11500, 11700 194 Cu In L-6	230 Cu In L-6	11400, 11600, 11800 283 Cu In V-8		

## ENGINE—CRANKSHAFT

Material	Forged Steel (a)	Cast Nodular Iron	Forged Steel (a)	
Vibration damper type	None	Rubber mounted inertia damper (b)		
End thrust taken by bearing (No.)	5	7	5	
Crankshaft end play	.002-.006			
Main bearing	Material & type			
	Copper lead alloy or Steel backed babbitt			
	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 .760	2.3004 x .752	2.3004 x 1.177
No. 6		None	2.3004 x .752	None
No. 7		None	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 Crk/shft	In block above Crk/shft		
Material	Cast alloy iron			
Bearings	Material	Steel backed babbitt		
	Number	3	5	
Type of Drive	Gear or chain	Gear	Chain	
	Crankshaft gear or sprocket material	Steel	Steel sprocket	
	Camshaft gear or sprocket material	Bakeite and fabric composition with steel hub		
	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	Crankshaft Pulley	Harmonic balancer	

(a) Cast Nodular Iron Crankshaft optional.

(Continued)

(b) Used only with Cast Nodular Iron Crankshaft.

# AMA Specifications—Passenger Car

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

	11100	11300, 11500, 11700	11400, 11600, 11800
MODEL	153 Cu In L-4	194 Cu In L-6	230 Cu In L-6
		230 Cu In L-6	283 Cu In V-8

## ENGINE—VALVE SYSTEM (cont.)

Timing (Including ramps)	Intake	Opens (°BTC)	33° 30'	62°	32° 30'	
		Closes (°ABC)	86° 30'	94°	87° 30'	
		Duration - deg.	300°	336°	300°	
	Exhaust	Opens (°BSC)	73°	92° 30'	74° 30'	
		Closes (°ATC)	47°	63° 30'	45° 30'	
		Duration - deg.	300°	336°	300°	
Valve opening overlap		80° 30'	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)		.3973	.3318	.3987	
	Outer spring press. and length	Valve closed (lb. @ in.)	78-86 @ 1.66	56-64 @ 1.66	78-86 @ 1.66	
		Valve open (lb. @ in.)	170-180 @ 1.26	170-184 @ 1.33	170-180 @ 1.26	
	Inner spring press. and length	Valve closed (lb. @ in.)	Spring damper	None	Spring damper	
		Valve open (lb. @ in.)	Spring damper	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)		.3973	.3318	.3987		
Outer spring press. and length		Valve closed (lb. @ in.)	78-86 @ 1.66	56-64 @ 1.66	78-86 @ 1.66	
		Valve open (lb. @ in.)	170-180 @ 1.26	170-184 @ 1.33	170-180 @ 1.26	
Inner spring press. and length		Valve closed (lb. @ in.)	Spring damper	None	Spring damper	
		Valve open (lb. @ in.)	Spring damper	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	Con. rod bearing throw-off   Press. jet cross sprayed

(Continued)

# AMA Specifications – Passenger Car

MAKE OF CAR <b>CHEVY II</b>	MODEL YEAR <b>1965</b>	DATE ISSUED <b>9-28-64</b>	REVISED <b>(2-22-65)</b>
	11100	11300, 11500, 11700	11400, 11600, 11800
MODEL	153 Cu In L-4	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.)	3.5	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)	Single	Single with (a) crossover
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, reverse flow(b)	
Exhaust pipe dia. (O.D. & wall thickness)	Branch	2.00 x .067-.081
	Main	2.00 x .057-.071 (c)
Tail pipe diameter (O.D. & wall thickness)	1.875 x .062-.076 (d)	

## ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard Optional	Ventilates to induction system	
Control unit	Make and model		
	Location	Top rear of rocker cover	Rear of carb.
	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)	Check valve	

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

RPO L77 - 220 HP (a) Dual (b) Two: with resonators

(c) 2.50 x .073-.091 laminated (d) 2.00 x .062-.076

# AMA Specifications— Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (02-22-65)

11100	11300, 11500, 11700	11400, 11600, 11800
153 Cu In L-4	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.)	16	
	Filler location	In left rear quarter panel	
Fuel Pump	Type (elec. or mech.)	Mechanical	
	Locations	Right side front of engine	
	Pressure range	3.50-4.50 PSI	5.25-6.50 PSI
Vacuum booster (std., optional, none)		None	
Fuel Filter	Type	Metal mesh strainer in gasoline tank and	
	Locations	sintered bronze filter in carburetor inlet	
Carburetor	Choke type	Manual	Automatic
	Intake manifold heat control (exhaust or water)	Exhaust	
	Air clnr. type	Standard Optional	Oil-wetted Polyurethane Oil-wetted paper

## CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
11100	153	3-Speed	Carter	3792945	One; Single-barrel Down-draft	1.6875
		Powerglide	Carter	3793019		
11300	194	3-Speed	Rochester	7023105	One; Single-barrel Down-draft	1.56
11500		Powerglide	Rochester	7023108		
11700	230	3-Speed	Rochester	7025003	Single-barrel Down-draft	1.56
		Powerglide	Rochester	7025000		
11400 11600 11800	283	3-Speed	Rochester	7024101	One; Two-barrel Down-draft	1.44
		4-Speed	Rochester	7024110		
	283 Opt	3-Speed 4-Speed Powerglide	Rochester Rochester	7025127 7025128	Four Barrel	1.44 Primary & Secondary

# AMA Specifications – Passenger Car

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

	11100	11300, 11500, 11700	11400, 11600, 1180
MODEL	153 Cu In L-4	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 PSI				
Circulation thermostat	Type (choke, bypass)	Choke				
	Starts to open at (°F)	177° - 183°				
Water pump	Type (centrifugal, other)	Centrifugal				
	GPM @ 1000 pump rpm	63 @ 4400	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.)	9.0	11	12	17	
	Without heater (qt.)	8.0	10	11	16	
	Opt. equipment—specify (qt.)	9.0	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	None			
Fan	Number of blades & Spacing		4, Staggered			
	Diameter		16.00	17.62		
	Ratio—fan to crankshaft rev.		.949:1			
	Fan cutout type		None			
	Bearing type		A	B	E	
* Drive belts (indicate belt used by letter)	Fan		A	B	E	
	Generator		A	B	E	
	Water Pump		—	C	F	
	Power Steering		—	D	G	
	Air Conditioning					

* Drive Belt Dimensions	A	B	C	D	E	F	G
Angle of V	38° - 42°						
Nominal length (SAE)	41.00	39.00	49.50	53.75	53.50	35.00	56.75
Width	.380 ± .005						

\* - With Heater



# AMA Specifications – Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED	(*)2-22-65
MODEL	11100 153 Cu In L-4	11300, 11500, 11700 194 Cu In L-6	230 Cu In L-6	11400, 11600, 11800 283 Cu In V-8			

## ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Delco #1980554			
	Voltage Rtg. & Total Plates	12 Volts - 54 Plates			
	SAE Designation & Amp Hr. Rtg	44 Amp/Hr. @ 20 Hr. Rate			
	Location	Right side front engine compartment			
	Terminal grounded	Negative			
Generator	Make	Delco-Remy			
	Model	#1100695	#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 temperatures			
	Lock test	Amps			
		Volts			
		Torque (lb. ft.)			
	No load test	Amps	49-76		
		Volts	10.6		
RPM (min.)		6200-9400			
	Switch (solenoid, manual)	Solenoid			
Motor control	Starting procedure	<p>SYNCHROMESH - Place gearshift in neutral, depress clutch to floor.</p> <p>POWERGLIDE - Place control lever in N or P position.</p> <p>INITIAL START - Depress accelerator pedal to floor (pull hand choke knob fully out)* and release pedal. Turn ignition to START and release as soon as engine starts.</p>			

\* 4-cylinder model only

(Continued)

# AMA Specifications – Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED	(*)2-22-65	
MODEL	11100 153 Cu In L-4	11300, 11500, 11700 194 Cu In L-6	11400, 11600, 11800 230 Cu In L-6	11400, 11600, 11800 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 220 HP  
Std RPO L77

Coil	Make	Delco-Remy					
	Model	#1115208		#1115204			
	Amps	Engine stopped	4.0				
		Engine idling	1.8				
Distributor	Make	Delco-Remy					
	Model	1110292	1110293	1110280	1111015	1111075	
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	600			800	750
		Intermediate points deg. @ rpm				30 @	26 @
		Max deg. @ rpm	28 @ 3700	26 @ 2300	30 @ 3000	4000	4600
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	6			8	6
		Intermediate points, deg @ in Hg					
		Max. deg. in. Hg.	23 @ 12	21 @ 14.5		15 @ 15.5	22 @ 12
		Breaker gap (in.)	.019				
		Cam angle (deg.)	31°-34°			28°-32°	
	Breaker arm tension (oz.)	19-23 oz					
Timing	Crankshaft deg. @ rpm.	4° @ 450-500	8° @ 450-500	4° @ 450-500	4° @ 550	6° @ 550	
	Mark location	Crk/shft pulley Harmonic balancer					
	Cylinder numbering system (see page 2)	Front to Rear 1-2-3-4	Front to Rear 1-2-3-4-5-6		Left bank 1-3-5-7 Right bank 2-4-6-8		
	Firing order (see page 2)	1-3-4-2		1-5-3-6-2-4		1-8-4-3-6-5-7-2	
Spark Plug	Make and model	AC46N (Long reach)			AC45		
	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	Neoprene					

## ELECTRICAL—SUPPRESSION

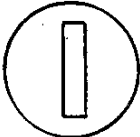
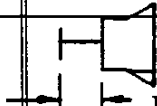
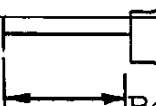


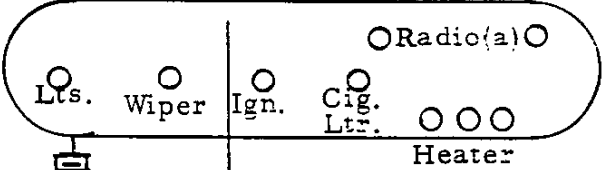
Locations & type	Non-metallic high tension ignition cables
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# AMA Specifications – Passenger Car

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

Std. Engines and		11300	11500	11700
MODEL <u>Opt. L-6</u>	11100	11400	11600	11800

## 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		Gage			
Other		Clock (a), cigarette lighter (a), tachometer (a)			
Ignition switch	Identify positions in order and circuits controlled	<b>ACCESSORY OFF ON START</b> 	<b>ACCESSORY - Accessories (Ignition off).</b> <b>OFF - Off, locked.</b> <b>ON - Ign., batt., accessories.</b> <b>START - Starter motor, spring return to ON.</b>		
	Provision for illumination	None			
	Location	Instru. panel to right of steering column			
Main lighting	Identify positions and lamps controlled	 1st Position Instru. panel lamps, park, tail, & license lamps.	 2nd Position Instr. panel lamps Hdlp., tail and license lamps.	 Rotation CW Instr. panel lamps, dim to off.	 Rotation CCW Instr. pnl. lamps off to bright; full CCW rotation, dome and courtesy lamps on.
	Locations and lamps controlled	Toe panel - Hdlp. hi-beam & hi-beam indicator. Glove compartment - glove compartment lamp (a). Frt. door hinge pillars - dome & courtesy lamps (a). Steer. column-direction signal indicators and exterior lamps. Brake pedal pendant-stop lamps. Steer. mast jacket - back-up lamps except 4-speed and 11700 & 11800 with PG (a).			
Other switches	Locations and devices controlled	 Tailgate window(a)			
Windshield wiper	Make	Delco			
	Type	Electric, single-speed (a)			
	Vacuum booster provision	None			
	Washer provision	None (a)			
Horn	Type	Vibrator			
	Number used	Two (a)			
	Amp draw (each)	8.00-11.0 @ 12.5V			

(a) OPTIONAL EQUIPMENT: Clock 11100, 300, 400, 500 & 600; cigarette lighter 11100, 300 & 400; tachometer 11400, 600 & 800; glove compartment lamp 11100, 300 & 400; courtesy lamps (door jam switches included with 11100, 300 & 400); parking brake alarm; back-up lamps for 11100, 300 & 400; radio; tailgate window control; Form Rev. 3-62 electric two-speed W/S wiper (including washer); W/S washer for single-speed wiper; low note third horn; automatic trans.; 4-speed.

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	<b>CHEVY II</b>	<b>MODEL YEAR</b> 1965	<b>DATE ISSUED</b> 9-28-64	<b>REVISED</b> (a) 2-22-65
Std. Engines and Opt. L-6	11100	11300 11400	11500 11600	11700 11800
<b>MODEL</b>				

## ELECTRICAL—LAMP BULBS

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

Headlamps & arrangement		2-6012	
Headlamp beam indicator		1-1895	
Parking		2-1157	
Tail		2-1157	
Stop		2-1157	
Direction signal	Front	2-1157	
	Rear	2-1157	
	Indicator	2-1895	
License Plate		1-1155	
Oil pressure indicator	1-1895		Gage
Charge indicator	1-1895		Gage
Instrument		4-1816	
Clock	Instrument lamps (a)		Opt. Instruments (a) Std.
Radio		1-1893	Opt.

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

Temp. indicator		1-1895		Std.		Gage		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 (NA wagons)					Opt.
Underhood			1-93					Opt.
Courtesy			Instrument panel 2-631					Opt.
Cig. lighter	1-1445	Opt.		NA				
Auto. trans. position pattern			1-1445					Opt.
Ash tray			1-53					Opt.
Traffic hazard indicator			1-1445					Opt.
Spot lamp (portable)			1-4416					Opt.

(a) With tachometer option, 1-1895

# AMA Specifications – Passenger Car

Model of Car CHEVY II MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (a)2-22-65

Std. Engines  
Std Opt. L-6  
ODEL

## 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 CB	(a)	Luggage comp. lamp	(b)
Headlamp beam indicator		(a)	Underhood lamp	SAE4
Parking lamp		(a)	Tachometer	(d)
Tail lamp	AGC 15	(b)	Air conditioning	Two SAE20, one in
Stop lamp		(b)	Tailgate motor	40 CB "(f)"
Direction indicator	AGC 3	(c)	Ash tray	(c)
License plate lamp		(b)	Gen. ind. lamp	(d)
Instrument lamp		(c)	Oil press, ind. lamp	(d)
Ignition lamp	---		Spot lamp	(b)
Back up lamp	AGC 10	(d)		
Dome lamp		(b)		
Clock		(b)		
Clock lamp		(c)		
Radio	AGC 2.5	(e)		
Glove compartment lamp		(b)		
Heater	AGC 10	(f)		
W/S wiper (single-speed)	SAE 20	(g)		
W/S wiper (two-speed)	14 CB &	"(g)"		
Cig. lighter		(b)		
Cig. lighter lamp		(c)		
Auto. trans. pos. pattern lamp		(c)		
Defogging unit		(d)		
Courtesy lamps		(b)		
Parking brake alarm lamp		(d)		
Traffic hazard indicator lamp		(b)		

## ELECTRICAL—LOCATION OF OUTSIDE LAMPS

			Sedans
Height above ground to center of bulb	Tail	Lowest	25.7
		Highest	25.7
	Stop		25.7
	Backup		25.7
	License, rear		18.4
	Directional	Front	16.5
		Rear	25.7
	Headlamp	Inside	---
		Outside*	26.0
	Distance from C/L of car to center of bulb	Tail	Inside
Outside			28.4
Stop		28.4	
Backup		21.8	
License, rear		On centerline	
Directional		Front	22.7
		Rear	28.4
Headlamp		Inside	---
		Outside*	28.1

\* If single headlamps are used enter here.

# AMA Specifications – Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED	(a) 2-22-65
Std. Engines	L-4	Std. L-6	Opt. L-6	Heavy Duty L-4	V-8	V-8	
MODEL and Opt. L-6				Std. L-6	3-speed	4-speed	
				Opt. L-6			

## DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Chevrolet, single dry disc					(a)
Type pressure plate springs	Diaphragm					(b)
Effective plate pressure (lb.)	1250-1450	1500-1800	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.	8.0 & 6.0	9.12 & 6.12	10.0 & 6.0	10.0 & 6.5	10.4 & 6.5
	Total eff. area (sq.in.)	44.0	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 optional with V-8
Manual with overdrive (std. or opt.)	NA
Automatic (std. or opt.)	Optional

## DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	3-speed		4-speed	
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		All forward gears	
Shift lever location	Steering column		Floor	
Lubricant	Capacity (pt.)	2	2.5	
	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 & molded rear facing

# AMA Specifications - Passenger Car

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

MODEL	Std. Engines & Opt. L-6	Std. L-4	Std. L-6	Opt. L-6	Std. V-8
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## 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 viscosity number		Summer Winter Ext. cold	

## DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	Powerglide		
Type describe	Torque converter with planetary gear		
Method of Selection (Lever, Push Button or other)	Lever (on floor with 11700 & 11800)		
Selector Pattern	P-R-N-D-L		
List gear ratios Selector Pattern and indicate which are used in each selector position	D - 1.82 to 1.0 L & R - 1.82		
Max. upshift speeds—drive range	51	53	59
Max. kickdown speeds—drive range	48	49	55
Torque convertor	Number of elements		
	3		
	Max. ratio at stall		
		2.40	2.10
Type of cooling (air, water)		Air	Air (a) 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 thicker	Manual transmission	(b)	2.75 x 51.98 x .065
	Overdrive transmission	NA	
	Automatic transmission	(b)	2.75 x 51.98 x .065

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

(Continued)

- (a) Oil cooler equipment available optionally
- (b) 3.50 x 51.98 x .065

# AMA Specifications – Passenger Car

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

Std. Engines and Opt. L-6	Std. L-4	Std. L-6	Opt. L-6	Std. V-8
MODEL		3-Speed		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 trunnion, cross, other)	Cross			
	Bearing	Type (plain, anti-friction)	Anti-friction		
Lubric. (fitting, prepack)		Prepack			
Drive taken through (torque tube or arms, springs)		Leaf spring			
Torque taken through (torque tube or arms, springs)		Leaf spring			

## 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	3.08(a)	3.08(a)	3.08 (b)	3.08 (b)	
	Overdrive transmission	NA					
	Automatic transmission	3.08	3.08(a)	3.08(a)	3.08		
Ring gear O.D. (std. ratio)		3.125					
Pinion adjustment (shim, other)		None					
Pinion bearing adj. (shim, other)		Shim					
Wheel bearing type		Single row cylindrical roller					
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	3.36	
No. of teeth	Pinion	12	11	
	Ring gear	37	37	

(a) Std. wagon models 3.36



# AMA Specifications – Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED	(a) 2-22-65
Std. Engines	11100	11300	13500	11335	11400, 11600	11535	11700, 11800
MODEL and Opt. L-6		Exc. wgn.	Exc. wgn.				

## DRIVE UNITS—WHEELS

Type & material		Short spoke disc, steel		
Rim (size and flange type)	Std.	13x4J	13x5.5J	14x5J
	Opt.	14x5J (with opt. 6.95 x 14-4PR)		
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	6.00 x 13-4PR	6.50 x 13-4PR	7.00 x 13-4PR	6.95 x 14-4PR
	Type - Nylon, etc.	Rayon			
Rev/mile at 50 mph.		873	845	820	814
Inflation press. (cold)	Front	24		24	24
	Rear	24		28	24 exc. wgn. 28
Optional tires - size and ply	(a)	6.50 x 13-4PR rayon W/W; 6.95 x 14-4PR rayon (B/W and W/W, incl. 14x5J wheel).		(b)	6.95 x 14-4PR Rayon W/W

## BRAKES—SERVICE

		Standard	Metallic (Optional)
Type	-servo, disc, balanced, etc.)	Duo-servo 4-wheel hydraulic	
Self adjusting	(std., opt., N.A.)	Std. (reverse self-adjusting)	
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	1.06	
	Rear	.875	
Master cylinder bore		1.0	.875
Available pedal travel		6.4	
Line pressure at 100 lb. pedal load		815	1064
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) 6.00 x 13-4PR rayon W/W; 6.50 x 13-4PR rayon (B/W and W/W); 6.95 x 14-4PR rayon (B/W and W/W, incl. 14x5J wheel).

(a) 7.00 x 13-4PR rayon W/W; 6.95 x 14-4PR rayon (B/W and W/W, incl. 14x5J wheel).

# AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED 2-22-65

MODEL Std. Engines and Opt. L-6

<b>BRAKES—SERVICE (cont.)</b>				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 1.00 x .175
		Segments per shoe			One
	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 1.00 x .285
Segments per shoe			One	10	

<b>BRAKES—PARKING</b>		
Type of control		Mechanical
Location of control		Under instrument panel to right of steer. column
Operates on		Rear wheels
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 Unitized front end and body proper rigidly bolted together. Frame members incorporated into front end and body.

<b>SUSPENSION—GENERAL</b>		(See Supplemental page 19 for details on Air Suspension)*
Provision for car leveling		Front stabilizer bar on all V-8 models and L-6 wagons
Provision for brake dip control		Mounting angle of front upper control arm
Provision for acc. squat control		None
Special provisions for car jacking		Place jack just outboard of respective bumper bolt
Shock absorber front & rear	Type	Direct, double-acting, hydraulic
	Make	Delco
	Piston dia.	1.00
Other special features		Single leaf rear springs

**SUSPENSION—FRONT**

Type and description Independent: SLA type with coil spring and concentric shock absorber and spherically-jointed steering knuckle for each wheel. Lower control arm strut supported.

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

Normal operating pressures  
 spring rates  
 leveling data

(Continued)

# AMA Specifications – Passenger Cars

MA OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED	(*) 2-22-65
	Std. Engines and Opt. L-6	L-4 (11169)	Std. L-6 and Opt. L-6 (11369)	V-8 (11469)			

## SUSPENSION FRONT (cont.)

Spring	Type	Coil, RH helix		
	Material	Steel alloy		
	Size (coil design height & I.D.; bar length x dia.)	9.20 & 3.80; 106.61 x .562	9.20 & 3.80; 106.61 x .562	9.20 & 3.80; 106.61 x .562
	Spring rate (lb. per in.)	250	250	250
	Rate at wheel (lb. per in.)	101	101	101
	Design load (lb. @ design height)	1065 @ 9.20	1170 @ 9.20	1225 @ 9.20
Stabilizer	Type (link, linkless, frameless)	Link		
	Material & bar diameter	Steel, .687		

## STEERING

Manual (std., opt., NA)		Standard		
Power (std., opt., NA)		Optional		
Adjustable steering wheel (tilt, swing, other)	Type and description	NA		
	(std., opt., NA)	--		
Wheel diameter	Manual	16.24		
	Power	16.24		
Turni: diameter:	Outside front	Wall to wall (l. & r.)	39.5	
		Curb to curb (l. & r.)	38.4	
	Inside rear	Wall to wall (l. & r.)	23.5	
		Curb to curb (l. & r.)	23.8	
Outside wheel angle with inside wheel at 20°		18.7°		
Manual	Gear	Type	Semi-reversible, recirculating ball nut	
		Make	Saginaw	
		Ratios	Gear	20:1
	Overall		25.4:1	
	No. wheel turns		4.50 (lock to lock)	
Power	Type (coaxial, linkage, etc.)		Linkage	
	Make		Saginaw	
	Gear	Type	Same as Manual	
		Ratios	Gear	20:1
			Overall	25.4:1
	Pump driven by		Crankshaft pulley	
	Number wheel turns		4.50 (lock to lock)	
Linkage	Type		Parallelogram	
	Location (front or rear of wheels, other)		Rear of wheels	
	Drag link (trans. or longit.) Tie rods (one or two)		None 2	

(Continued)

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	CHEVY II	<b>MODEL YEAR</b>	1965
		<b>DATE ISSUED</b>	9-28-64
		<b>REVISED</b>	(02-22-65)
<b>MODEL</b>	Std. Engines and Opt. L-6	L-4 (11169)	Std. L-6 and Opt. L-6 (11369)
			V-8 (11469)

## STEERING (cont.)

<b>Steering Axis</b>	Inclination at camber (deg.)	6-1/2 to 7-1/2	
	<b>Bearings (type)</b>	Upper	Ball stud with sintered iron bearing
		Lower	Ball stud with sintered iron bearing & phenolic seat
	Thrust	None	
<b>Wheel alignment (range and preferred)</b>	Caster (deg.)	P1/2 to P1-1/2 (curb)	
	Camber (deg.)	0 to P1 (curb)	
	Toe-in (outside tread-inches)	1/4 to 3/8 total (curb)	
<b>Steering spindle &amp; joint type</b>		Steering knuckle with spherical joints	
<b>Wheel spindle</b>	<b>Diameter</b>	Inner bearing	1.2492-1.2498
		Outer bearing	.7491-.7497
	<b>Thread size</b>		3/4-20 NEF-3 (modified)
	<b>Bearing type</b>		Taper roller

## SUSPENSION—REAR

<b>Type and description</b>		Hotchkiss with two single leaf springs			
<b>Drive and torq. taken through (see page 17)</b>		Leaf springs			
<b>Spring</b>	<b>Type</b>	Single leaf			
	<b>Material</b>	Chrome carbon steel			
	<b>Size (length x width)</b>	62.5 x 2.25 (width @ C/L of axle)			
	<b>Spring rate (lb. per in.)</b>	95	95	95	
	<b>Rate at wheel (lb. per in.)</b>	102	102	102	
	<b>Design load (lb. at design height)</b>	650 @ +.29 camb.	650 @ +.29 camber	650 @ +.29 camb.	
	<b>Mounting insulation type</b>		Rubber bushed at shackle and hanger		
	<b>If leaf</b>	<b>No. of leaves</b>	One		
		<b>Inserts</b>	---		
			<b>Material</b>	---	
<b>Shackle (comp. or tens.)</b>		Compressio			
<b>Stabilizer</b>	<b>Type (link, linkless, frameless)</b>	None			
	<b>Material</b>	---			
<b>Track bar type</b>		None			

# AMA Specifications - Passenger Car

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

MODEL <u>11100</u>	SEDANS	COUPES	STATION WAGONS
	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		Plate above lower hinge on LH front hinge pillar
Engine No. Location		Right side of cylinder block to rear of distributor
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 foam pad
	Rear	Formed spring cotton-jute (a)
	3rd seat	None
Seat back type	Front	Formed wire-cotton
	Rear	Formed wire-cotton
	3rd seat	None
Windshield glass type (i.e., single or double - laminated plate)		Curved, laminated
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Curved, safety solid      Flat, safety solid
Side glass type (i.e., curved - tempered plate)		Flat, safety solid
Side glass exposed surface area	1375.0      1278.6      1250.2      2444.5	
Windshield glass exposed surface area	1007.3      897.9      1007.3	
Backlight glass exposed surface area	797.1      1117.0      698.4	
Total glass exposed surface area	3179.4      3083.0      3265.1      4150.2	

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

Power windows	Side Windows	NA
	Vent Windows	NA
	Backlight or tailgate	Optional on wagons
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)		Manual, push button, AM-FM push button optional
Rear seat speaker		Optional
Power Antenna		NA
Clock		Optional (Standard on Nova SS)
Air Conditioner (specify type and availability)		All weather, optional

(a) - Nova and Nova Super Sport, foam pad

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED 12-22-65

## WEIGHTS

Model	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
<b>Chevy II 100</b>	153	194	283			153	194	283
	4-cyl	6-cyl	8-cyl			4-cyl	6-cyl	8-cyl
11111 2-door sedan	2625	--	--	29	71	2505	--	--
11311 2-door sedan	--	2725	--	29	71	--	2605	--
11411 2-door sedan	--	--	2910	29	71	--	--	2780
11335 4-door wagon	--	3000	--	28	72	--	2875	--
11435 4-door wagon	--	--	3150			--	--	3015
11169 4-door sedan	2640	--	--	29	71	2520	--	--
11369 4-door sedan	--	2740	--	29	71	--	2620	--
11469 4-door sedan	--	--	2925	29	71	--	--	2795
<b>Nova</b>								
11535 4-door wagon	--	3000	--	28	72	--	2880	--
11635 4-door wagon	--	--	3150	28	72	--	--	3015
11537 2-door coupe	--	2770	--	36	64	--	2645	--
11637 2-door coupe	--	--	2935	36	64	--	--	2800
11569 4-door sedan	--	2770	--	29	71	--	2645	--
11669 4-door sedan	--	--	2935	29	71	--	--	2800
<b>Nova SS</b>								
11737 2-door coupe	--	2815	--	36	64	--	2690	--
11837 2-door coupe	--	--	2970	36	64	--	--	2835
<b>Accessories &amp; Equipment Differential Weights</b>				<b>Remarks</b>				
	153	194	283					
Air conditioning	+73	+78	+70					
Brakes, Power	+ 8	+ 8	+ 8					
Heater (delete)	-22	-12	-22					
Radio, Manual	+ 7	+ 7	+ 7					
Radio, Push button	+ 8	+ 8	+ 8					
Radio, AM-FM push but	+ 9	+ 9	+ 9					
Steering, Power	+28	+28	+28					
Transmission, Powerglide	+14	-17	-15					
Transmission, 4-speed	-	+ 7	+ 7					

\* These are weights that are reported to states for vehicle taxes.

## INDEX

SU	PAGE NO.	SUBJECT	PAGE NO.
Automatic Transmission	1, 16	Linings – Clutch, Brake	15, 19
Axis, Steering	21	Lubrication	6, 7, 15, 16, 17
Axle, Rear	1, 17	Luggage Capacity	1a
Battery	10	Motor, Starting	10
Bearings, Engine	4, 5, 6	Muffler	7
Belts – Fan, Generator, Water Pump	9	Overdrive	16
Body – General Information, types	Title, 1, 22	Piston Pins & Rings	2, 4
Exterior Dimensions	1	Pistons	2
Interior Dimensions	1a	Power Brakes	18
Brakes – Parking, Service, Power	18, 19	Power Steering	20
Camber	21	Power Teams	3
Camshaft	5	Propeller Shaft, Universal Joints	16, 17
Capacities		Pumps – Oil, Fuel	7, 8
Cooling System	9	Water	9
Fuel Tank	8	Radiator, Hoses	9
Lubricants		Ratios – Axle	1, 3, 17
Engine Crankcase	7	Compression	1, 2, 3
Transmission and Overdrive	15, 16	Steering	20
Rear Axle	17	Transmission	15, 16
Carburetor	3, 8	Rear Axle	1, 3, 17
Caster	21	Regulator – Generator	10
Choke, Automatic	8	Rims	18
Circuit Breakers, Fuses	14	Rings, Piston	4
Clutch – Pedal Operated	15	Rods – Connecting	4
Coil, Ignition	11	Shock Absorbers, Front & Rear	19
Connecting Rods	4	Spark Plugs	11
Cooling System	9	Speedometer	12
Crankcase Ventilation	7	Springs – Front & Rear Suspension	20, 21
Crankshaft	5	Valve, Engine	6
Cylinder and Cylinder Head	2	Stabilizer (Sway Bar) – Front & Rear	20, 21
Distributor – Ignition	11	Starting Motor	10
Electrical System	10, 11, 12, 13, 14	Steering	20, 21
Engine		Suppression – Ignition, Radio	11
Bore, Stroke, Displacement, Type	1, 2	Suspension – Front & Rear	19, 20, 21
Compression Ratio	1, 2	Switches	12
Firing Order, Cylinder Numbering	2, 11	Tailpipe	7
General Information, H.P. & Torque	1, 2	Thermostat, Cooling	9
Lubrication	6, 7	Timing, Engine & Valve	5, 6, 11
Power Teams	3	Tires	1, 18
Exhaust System	7	Toe in	21
Equipment Availability	22	Torque Converter	16
Fan, Cooling	9	Torque – Engine, Rated	1, 2, 3
Filters – Engine Oil, Fuel System	7, 8	Transmission – Types	1, 3, 8, 15, 16
Frame	19	Automatic	1, 3, 8, 15, 16
Front Suspension	19, 20	Manual & Overdrive	1, 3, 8, 15, 16
Fuel, Fuel Pump, Fuel System	1, 2, 8	Ratios	15, 16
Fuel Injection	1, 8	Tread	1
Fuses, Circuit Breakers	14	Trunk Luggage Capacity	1a
Generator and Regulator	10	Turning Diameter	20
Glass	22	Unitized Construction	19
Height (Lamps)	14	Universal Joints, Propeller Shaft	16, 17
Headroom – Body	1a	Valves – Intake & Exhaust	5, 6
Heights – Overall	1	Vibration Damper	5
Horns	12	Voltage Regulator	10
Horsepower – Brake	1, 2, 3	Water Pump	9
Ignition System	11	Weights – Shipping, Curb	23
Inflation – Tires	18	Wheel Alignment	21
Instruments	7, 12	Wheelbase	1
Kings, (Steering Axis)	21	Wheels & Tires	18
Lamp Bulbs	13	Wheel Spindle	21
Lamp Height & Spacing	14	Widths – Car & Body	1
Legroom	1a	Windshield	22
Lengths – Overall	1	Windshield Wiper	12
Lifters, Valve	5		

# AMA Specifications – Passenger Car

MAKE OF CAR <u>CHEVY II</u>		MODEL YEAR <u>1965</u>		DATE ISSUED <u>9-28-64</u>		REVISED <sup>(*)</sup>	
Opt. Hi-Performance Engines, L30 and L74		L30		L74			
MODEL		3-Speed	4-Speed	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 trunnion, cross, other)	Cross
	Bearing	Type (plain, anti-friction)
Lubric. (fitting, prepack)		Prepack
Drive taken through (torque tube or arms, springs)		Leaf springs
Torque taken through (torque tube or arms, springs)		Leaf springs

## DRIVE UNITS—REAR AXLE

Description (see instructions)		Semi-floating, overhung pinion gear	
Limited Slip differential, type		Disc clutches, dual	
Drive Pinion Offset		1.5	
No. of differential pinions		2	
Gear ratios (Std. equip.)	Manual transmission	3.07	
	Overdrive transmission	NA	
	Automatic transmission	3.07	
Ring gear O.D. (std. ratio)		3.875	
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 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	3.07	
No. of teeth	Pinion	14
	Ring gear	43



# AMA Specifications – Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED <sup>(e)</sup>

Opt. Hi-Performance Engines, L30 and L74

MODEL \_\_\_\_\_

## DRIVE UNITS—WHEELS

Type & material		Short spoke disc, steel
Rim (size and flange type)	Std.	14x5J
	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 unless indicated otherwise

Standard (List option below)	Size & ply	6.95 x 14-4PR
	Type - Nylon, etc.	Rayon
Rev./mile at 50 mph.		814
Inflation press. (cold)	Front	24
	Rear	24 except wagons 28
Optional tires - size and ply		6.94 x 14-4PR rayon W/W

## BRAKES—SERVICE

		Standard	Metallic (Optional)
Type (duo-servo, disc, balanced, etc.)		Duo-servo 4-wheel hydraulic	
Self adjusting (std., opt., N.A.)		Std. reverse self-adjusting	
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	Front	9.5	
	Rear	9.5	
Type and material		Composite: cast iron rim; steel web	
Wheel cylinder bore	Front	1.06	
	Rear	.875	
Master cylinder bore		1.0	.875
Available pedal travel		6.4	
Line pressure at 100 lb. pedal load		815	1064
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.

# AMA Specifications—Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (C)
Opt. Hi-Performance Engines, MODEL L30 & L74	11400	11600	11800			

## BRAKES—SERVICE (cont.)

		Standard		Metallic (Optional)
		Bonded		Welded
		Molded asbestos		Sintered iron
Brake lining	Front Shoe	Material	Front wheel	1.64 x 1.25 x .175
			Rear wheel	1.64 x 1.00 x .175
		Segments per shoe	1	6
	Rear Shoe	Material	Front wheel	1.64 x 1.25 x .285
			Rear wheel	1.64 x 1.00 x .285
		Segments per shoe	1	10

## BRAKES—PARKING

Type of control	Mechanical	
Location of control	Right of steering column under instru. panel	
Operates on	Rear wheels	
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      Unitized front end and body proper rigidly bolted together. Frame members incorporated into front end and body.

## 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 arm	
Provision for acc. squat control	None	
Special provisions for car jacking	Place jack just outboard of respective bumper bolt	
Shock absorber front & rear	Type	Direct, double-acting, hydraulic
	Make	Delco
	Piston dia.	1.00
Other special features	Single leaf rear springs	

## SUSPENSION—FRONT

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

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

Normal operating pressures  
spring rates  
leveling data

(Continued)

MAKE OF CAR CHEVY II MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (\*)  
 Opt. Hi-Performance Engines, L30 & L74 MODEL L30 & L74 (11469)

**SUSPENSION FRONT (cont.)**

Spring	Type	Coil, RH helix
	Material	Steel alloy
	Size (coil design height & I.D.; bar length x dia.)	9.20 & 3.80; 107.28 x .590
	Spring rate (lb. per in.)	300
	Rate at wheel (lb. per in.)	122
Stabilizer	Design load (lb. @ design height)	1280 @ 9.20
	Type (link, linkless, frameless)	Link
	Material & bar diameter	Steel, .687

**STEERING**

Manual (std., opt., NA)		Standard	
Power (std., opt., NA)		Optional	
Adjustable steering wheel (tilt, swing, other)	Type and description	NA	
	(std., opt., NA)	--	
Wheel diameter	Manual	16.24	
	Power	16.24	
Turning diameter	Outside front	Wall to wall (l. & r.)	39.5
		Curb to curb (l. & r.)	38.4
	Inside rear	Wall to wall (l. & r.)	23.5
		Curb to curb (l. & r.)	23.8
Outside wheel angle with inside wheel at 20°		18.7°	
Manual	Gear	Type	Semi-reversible, recirculating ball nut
		Make	Saginaw
		Ratios	20:1
	Overall	25.4:1	
No. wheel turns		4.50 lock to lock	
Power	Type (coaxial, linkage, etc.)		Linkage
	Make		Saginaw
	Gear	Type	Same as Manual
		Ratios	20:1
		Overall	25.4:1
	Pump driven by		Crankshaft pulley
Number wheel turns		4.50 lock to lock	
Linkage	Type		Parallelogram
	Location (front or rear of wheels, other)		Rear of wheels
	Drag link (trans. or longit.)		None
	Tie rods (one or two)		2

(Continued)

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVY MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (\*)  
 Opt. Hi-Performance Engines, L30 & L74 L30 & L74  
 MODEL (11469)

## STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		6-1/2 to 7-1/2
	Bearings (type)	Upper	Ball stud with sintered iron bearing
		Lower	Ball stud with sintered iron bearing & phenolic seat
	Thrust	None	
Wheel alignment (range and preferred)	Caster (deg.)		P1/2 to P1-1/2 (curb)
	Camber (deg.)		0 to P1 (curb)
	Toe-in (outside tread-inches)		1/4 to 3/8 total (curb)
Steering spindle & joint type			Steering knuckle with spherical joints
Wheel spindle	Diameter	Inner bearing	1.2492-1.2498
		Outer bearing	.7491-.7497
	Thread size		3/4-20 NEF-3 (modified)
	Bearing type		Taper roller

## SUSPENSION—REAR

Type and description			Hotchkiss with two single leaf springs
Drive and torq. taken through (see page 17)			Leaf springs
Spring	Type		Single leaf
	Material		Chrome carbon steel
	Size (length x width, coil design height and I.D.; bar length & dia.)		62.5 x 2.25 (width @ C/L of axle)
	Spring rate (lb. per in.)		130
	Rate at wheel (lb. per in.)		136
	Design load (lb. at design height)		675 @ ±.31 camber
	Mounting insulation type		Rubber bushed at shackle and hanger
	If leaf	No. of leaves	
Inserts		Type and size	--
		Material	--
Shackle (comp. or tens.)		Compression	
Stabilizer	Type (link, linkless, frameless)		None
	Material		--
Track bar type			None

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED <sup>(a)</sup>

MODEL <u>11000</u>	SEDANS		COUPES	STATION WAGONS
	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		Plate above lower hinge on LH front hinge pillar
Engine No. Location		Right side of cylinder block to rear of distributor
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 foam pad
	Rear	Formed spring cotton-jute(a)
	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., compound curved - tempered plate, three piece)		Curved, safety solid      Flat, safety solid
Side glass type (i.e., curved - tempered plate)		Flat, safety solid
Side glass exposed surface area	1375.0    1278.6	1250.2      2444.5
Windshield glass exposed surface area	1007.3	927.9      1007.3
Backlight glass exposed surface area	797.1	1117.0      698.4
Total glass exposed surface area	3179.4    3083.0	3265.1      4150.2

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

Power windows	Side Windows	NA
	Vent Windows	NA
	Backlight or tailgate	Optional on wagons
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)		Manual, push button, AM-FM push button optional
Rear seat speaker		Optional
Power Antenna		NA
Clock		Optional (Standard on Nova SS)
Air Conditioner (specify type and availability)		All weather, optional

(a) - Nova and Nova Super Sport, foam pad

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1965 DATE ISSUED 9-28-<sup>64</sup> REVISED (e)

## WEIGHTS

Model	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
	Front	Rear	Total	Pass. in Front		Pass. in Rear		
				Front	Rear	Front	Rear	
<u>Chevy II 100</u>			<u>327</u>					<u>327</u>
			<u>8-cyl</u>					<u>8-cyl</u>
<u>11411 2-door sedan</u>			<u>2960</u>					<u>2830</u>
<u>11435 4-door wagon</u>			<u>3200</u>					<u>3065</u>
<u>11469 4-door sedan</u>			<u>2975</u>					<u>2845</u>
<u>Nova</u>								
<u>11635 4-door wagon</u>			<u>3200</u>					<u>3065</u>
<u>11637 2-door coupe</u>			<u>2985</u>					<u>2850</u>
<u>11669 4-door sedan</u>			<u>2985</u>					<u>2850</u>
<u>Nova SS</u>								
<u>11837 2-door coupe</u>			<u>3020</u>					<u>2885</u>
<u>Accessories &amp; Equipment Differential Weights</u>				<u>Remarks</u>				
			<u>327</u>					
<u>Air conditioning</u>			<u>+90</u>					
<u>Brakes, Power</u>			<u>+ 8</u>					
<u>Heater (delete)</u>			<u>-22</u>					
<u>Radio, Manual</u>			<u>+ 7</u>					
<u>Radio, Push button</u>			<u>+ 8</u>					
<u>Radio, AM-FM push buz.</u>			<u>+ 9</u>					
<u>Steering, Power</u>			<u>+28</u>					
<u>Transmission, Powerglide</u>			<u>+15</u>					
<u>Transmission, 4-speed</u>			<u>+ 7</u>					

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

# AMA Specifications – Passenger Car

## INDEX

SUBJECT	PAGE NO.	SUBJECT	PAGE NO.
Automatic Transmission . . . . .	1, 16	Linings – Clutch, Brake . . . . .	15, 19
Axis, Steering . . . . .	21	Lubrication . . . . .	6, 7, 15, 16, 17
Axle, Rear . . . . .	1, 17	Luggage Capacity . . . . .	1a
Battery . . . . .	10	Motor, Starting . . . . .	10
Bearings, Engine . . . . .	4, 5, 6	Muffler . . . . .	7
Belts – Fan, Generator, Water Pump . . . . .	9	Overdrive . . . . .	16
Body – General Information, types . . . . .	Title, 1, 22	Piston Pins & Rings . . . . .	2, 4
Exterior Dimensions . . . . .	1	Pistons . . . . .	2
Interior Dimensions . . . . .	1a	Power Brakes . . . . .	18
Brakes – Parking, Service, Power . . . . .	18, 19	Power Steering . . . . .	20
Camber . . . . .	21	Power Teams . . . . .	3
Camshaft . . . . .	5	Propeller Shaft, Universal Joints . . . . .	16, 17
Capacities . . . . .		Pumps – Oil, Fuel . . . . .	7, 8
Cooling System . . . . .	9	Water . . . . .	9
Fuel Tank . . . . .	8	Radiator, Hoses . . . . .	9
Lubricants . . . . .		Ratios – Axle . . . . .	1, 3, 17
Engine Crankcase . . . . .	7	Compression . . . . .	1, 2, 3
Transmission and Overdrive . . . . .	15, 16	Steering . . . . .	20
Rear Axle . . . . .	17	Transmission . . . . .	15, 16
Carburetor . . . . .	3, 8	Rear Axle . . . . .	1, 3, 17
Caster . . . . .	21	Regulator – Generator . . . . .	10
Choke, Automatic . . . . .	8	Rims . . . . .	18
Circuit Breakers, Fuses . . . . .	14	Rings, Piston . . . . .	4
Clutch – Pedal Operated . . . . .	15	Rods – Connecting . . . . .	4
Coil, Ignition . . . . .	11	Shock Absorbers, Front & Rear . . . . .	19
Connecting Rods . . . . .	4	Spark Plugs . . . . .	11
Cooling System . . . . .	9	Speedometer . . . . .	12
Crankcase Ventilation . . . . .	7	Springs – Front & Rear Suspension . . . . .	20, 21
Crankshaft . . . . .	5	Valve, Engine . . . . .	6
Cylinders and Cylinder Head . . . . .	2	Stabilizer (Sway Bar) – Front & Rear . . . . .	20, 21
Distributor – Ignition . . . . .	11	Starting Motor . . . . .	10
Electrical System . . . . .	10, 11, 12, 13, 14	Steering . . . . .	20, 21
Engine . . . . .		Suppression – Ignition, Radio . . . . .	11
Bore, Stroke, Displacement, Type . . . . .	1, 2	Suspension – Front & Rear . . . . .	19, 20, 21
Compression Ratio . . . . .	1, 2	Switches . . . . .	12
Firing Order, Cylinder Numbering . . . . .	2, 11	Tailpipe . . . . .	7
General Information, H.P. & Torque . . . . .	1, 2	Thermostat, Cooling . . . . .	9
Lubrication . . . . .	6, 7	Timing, Engine & Valve . . . . .	5, 6, 11
Power Teams . . . . .	3	Tires . . . . .	1, 18
Exhaust System . . . . .	7	Toe in . . . . .	21
Equipment Availability . . . . .	22	Torque Converter . . . . .	16
Fan, Cooling . . . . .	9	Torque – Engine, Rated . . . . .	1, 2, 3
Filters – Engine Oil, Fuel System . . . . .	7, 8	Transmission – Types . . . . .	1, 3, 8, 15, 16
Frame . . . . .	19	Automatic . . . . .	1, 3, 8, 15, 16
Front Suspension . . . . .	19, 20	Manual & Overdrive . . . . .	1, 3, 8, 15, 16
Fuel, Fuel Pump, Fuel System . . . . .	1, 2, 8	Ratios . . . . .	15, 16
Fuel Injection . . . . .	1, 8	Tread . . . . .	1
Fuses, Circuit Breakers . . . . .	14	Trunk Luggage Capacity . . . . .	1a
Generator and Regulator . . . . .	10	Turning Diameter . . . . .	20
Glass . . . . .	22	Unitized Construction . . . . .	19
Height (Lamps) . . . . .	14	Universal Joints, Propeller Shaft . . . . .	16, 17
Headroom – Body . . . . .	1a	Valves – Intake & Exhaust . . . . .	5, 6
Heights – Overall . . . . .	1	Vibration Damper . . . . .	5
Horns . . . . .	12	Voltage Regulator . . . . .	10
Horsepower – Brake . . . . .	1, 2, 3	Water Pump . . . . .	9
Ignition System . . . . .	11	Weights – Shipping, Curb . . . . .	23
Inflation – Tires . . . . .	18	Wheel Alignment . . . . .	21
Instruments . . . . .	7, 12	Wheelbase . . . . .	1
Kingpin (Steering Axis) . . . . .	21	Wheels & Tires . . . . .	18
Lamp Bulbs . . . . .	13	Wheel Spindle . . . . .	21
Lamp Height & Spacing . . . . .	14	Widths – Car & Body . . . . .	1
Legroom . . . . .	1a	Windshield . . . . .	22
Lengths – Overall . . . . .	1	Windshield Wiper . . . . .	12
Lifters, Valve . . . . .	5		

# AMA Specifications – Passenger Car

# 19

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.

<b>MANUFACTURER</b> Chevrolet Motor Division General Motors Corporation	<b>CAR NAME</b> 114-116-11800 CHEVY II 327 cu. in. 8-cyl.				
<b>MAILING ADDRESS</b> Owner Relations Service General Motors Bldg. Detroit 2, Michigan	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>MODEL YEAR</b> 1965</td> <td style="width: 50%;"><b>ISSUED:</b> 9-28-64</td> </tr> <tr> <td colspan="2"><b>REVISED (e)</b></td> </tr> </table>	<b>MODEL YEAR</b> 1965	<b>ISSUED:</b> 9-28-64	<b>REVISED (e)</b>	
<b>MODEL YEAR</b> 1965	<b>ISSUED:</b> 9-28-64				
<b>REVISED (e)</b>					

**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.

## TABLE OF CONTENTS

General Specifications . . . . . 1	Drive Units . . . . . 15	Rear Suspension . . . . . 21	Weights . . . . . 23
Engine - Mechanical . . . . . 2	Brakes . . . . . 18	Station Wagon . . . . . 1a	Index . . . . . 24
Electrical . . . . . 10	Front Suspension & Steering . . 19		

<b>BODY—TYPES AND STYLE NAMES—</b>	Body type, number of passenger & style names; use manufacturer's code for series & body style.
CHEVY II 100 2-Door Sedan, 6-Passenger 4-Door Station Wagon, 2-seat 4-Door Sedan, 6-Passenger	327 cu. in. <u>8-cylinder</u>  11411 11435 11469
NOVA 4-Door Station Wagon, 2-seat 2-Door Sport Coupe, 5-Passenger 4-Door Sedan, 6-Passenger	11635 11637 11669
NOVA SS 2-Door Sport Coupe, 4-Passenger	11837



# AMA Specifications — Passenger Car

Page 1

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

## GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL	11400	Additional Information Page No.:	327 CU. IN. V-8 ENGINES (OPT.)		
	11600		11800	RPO L30 250 HP	RPO L74 300 HP
Wheelbase (L101)		23	110.0		
Tread	Front (W101)	22	56.8; wagons, 56.3		
	Rear (W102)	22	56.3; wagons, 55.8		
Maximum Overall Dimensions	Length (L103)	23	182.9; wagons, 187.6		
	Width (W103)	22	69.9		
	Height (H101)	24	Sed. 55.0, Sp. Coupes 54.0, wagons 55.1*		
Transmission (Specify trade name - opt., not available)	Manual	15	Synchromesh: 3-speed std., 4-speed opt.		
	Overdrive	16	NA		
	Automatic	16	Powerglide: optional		
Axle ratio	Manual	17	3.07		
	Overdrive	17	NA		
	Automatic	17	3.07		
Tire size		18	6.95 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		
	Max. bhp at engine rpm	2	250 @ 4400	300 @ 5000	
	Max. torque at rpm	2	350 @ 2800	360 @ 3200	

\* 54.5 on SS models

MAKE OF CAR CHEVY II 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		WAGONS
		2-DR.	4-DR.	BN	BKT	

#### FRONT COMPARTMENT

Shoulder room	W3	55.3			
Max. eff. leg room - accelerator	L34	40.1	40.3	41.1	40.1
Effective head room	H61	39.0	38.0	38.3	39.0
H Point to Heel point	H30	9.0	9.4	9.2	9.5
Upper body opening to ground	H50	50.2	49.1		45.2

#### REAR COMPARTMENT

Shoulder room	W4	55.3	54.0		55.3
H Point couple distance	L50	33.6	32.5	31.8	34.4
Minimum effective leg room	L51	36.1	34.9	34.8	37.1
Effective head room	H63	37.6	36.6		37.9

#### STATION WAGON—THIRD SEAT

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

#### LUGGAGE COMPARTMENT

Usable luggage capacity (See instr.)	V1	13.0	—	
Liftover height	H195	21.0	—	
Position of spare tire storage		Horz. on trunk floor	Ver. rear quarter	
Method of holding lid open		Torsion bars counterbalanced	—	

#### STATION WAGON—CARGO SPACE

Minimum distance between wheel houses at floor level	W201	42.8
Rear end opening width at belt	W204	47.0
Floor length from back of front seat at floor level to inside of closed tail gate	L202	86.0
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	73.2
Maximum height - floor covering to headlining at centerline of rear axle	H201	32.6
Maximum height of rear opening - tail and lift gates open	H202	29.0
Cargo volume index (cu.ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	76.2

# AMA Specifications—Passenger Car

Page 2

<b>MAKE OF CAR</b>	CHEVY II	<b>MODEL YEAR</b> 1965	<b>DATE ISSUED</b> 9-28-64	<b>REVISED</b> (a)
	11400	327 CU. IN. V-8 ENGINES (OPTIONAL)		
	11600	RPO L30	RPO L74	
<b>MODEL</b>	11800	250 HP	300 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	
Compras. ratio (nominal)		10.5:1	
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	Diag. 2 x No. Cyl. 2.5	51.2	
Published max. bhp* @ eng. RPM		250 @ 4400	300 @ 5000
Published max. torque* (lb. ft. @ RPM)		350 @ 2800	360 @ 3200
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		
Description and finish		Flat head; notched; slipper skirt		
Weight (piston only) oz.		21.60		
Clearance (limits)	Top land	.0365-.0455		
	Skirt	Top	.0005-.0011 (a)	
		Bottom		
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 2.24 from top of piston

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVY II 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		
11400 11600 11800	327 *	4-Bbl	10.5:1	250 @ 4400	350 @ 2800	3-Speed 4-Speed* Powerglide*	3.07:1 3.07:1 3.07:1
		Large 4-Bbl Alum	10.5:1	300 @ 5000	360 @ 3200	3-Speed 4-Speed* Powerglide*	3.07:1 3.07:1 3.07:1
* - Optional							

# AMA Specifications - Passenger Car

MAKE OF CAR	CHEVY	MODEL YEAR	1963	DATE ISSUED	12-6-63	REVISED (a)
MODEL	11400 11500 11800		327 Cu. In. V-8 Engines (Optional) RPO L30 250 HP			RPO L74 300 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.	Cast alloy iron, inside bevel, chrome plate Cast alloy iron, wear resistant coating and steel expander
	Width	Upper .0775-.0780 Lower .0770-.0775
	Gap	Upper .013-.023 Lower .013-.025
Oil	Description - material, type, coating, etc.	Multi-piece (2 rails & 1 spacer expander) Rails - Steel, chrome plated OD Expander - Carbon steel
	Width	.1840-.1880 assembled
	Gap	.015-.055
Expanders		In oil ring assembly

## ENGINE-PISTON PINS

Material	Chromium steel	
Length	2.999-3.010	
Diameter	.9270-.9275	
Type	Locked in rod in piston, bearing, etc.	Locked in rod
	Bushing	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 (lb.)	6.00	
Length (center to center)	5.699-5.701	
Bearing	Material & type	Phosphor bronze
	Overall length	.807
	Clearance (oil)	.0007-.0018
	End play	.009-.013

# AMA Specifications—Passenger Car

<b>MAKE OF CAR</b>	CHEVY II	<b>MODEL YEAR</b> 1965	<b>DATE ISSUED</b> 9-28-64 <b>REVISED</b> (*)
<b>MODEL</b>	11400 11600 11800	327 Cu. In. V-8 Engines (Optional) RPO L30 250 HP	RPO L74 300 HP

## ENGINE—CRANKSHAFT

<b>Material</b>		Forged steel	
<b>Vibration damper type</b>		Rubber mounted inertia damper	
<b>End thrust taken by bearing (No.)</b>		Five	
<b>Crankshaft end play</b>		.002-.006	
<b>Main bearing</b>	<b>Material &amp; type</b>	Premium aluminum except No.5 upper steel backed babbitt	
	<b>Clearance</b>	No.1 thru No.4: .0008-.0034; No.5: .0010-.0036	
	<b>Journal dia. and bearing overall length</b>	No. 1	2.3013 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	
<b>Dir. &amp; amt. cyl. offset</b>		None	
<b>Crankpin journal diameter</b>		1.999-2.000	

## ENGINE—CAMSHAFT

<b>Location</b>		2 1/2" back above crankshaft	
<b>Material</b>		Cast alloy iron	
<b>Bearings</b>	<b>Material</b>	Extra life steel backed babbitt	
	<b>Number</b>	Five	
<b>Type of Drive</b>	<b>Gear or chain</b>	Chain	
	<b>Crankshaft gear or sprocket material</b>	Steel sprocket	
	<b>Camshaft gear or sprocket material</b>	Cast alloy iron	
	<b>Timing chain</b>	No. of links	40
		Width	.875
		Pitch	.500

## ENGINE—VALVE SYSTEM

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

(Continued)

# AMA Specifications—Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED <sup>(*)</sup>
MODEL	11400	327 Cu. In. V-8 Engines (Optional)				
	11600					
	11800	250 HP	300 HP			

## ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	32° 30'	
		Closes (°ABC)	87° 30'	
		Duration - deg.	300°	
	Exhaust	Opens (°BBC)	75° 30'	
		Closes (°ATC)	45° 30'	
		Duration - deg.	300°	
Valve opening overlap		78°		
Intake	Material		Alloy steel	
	Overall length		4.870-4.889	
	Actual overall head dia.		1.935-1.945	
	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	
	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
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)		.3987		
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

Page

<b>MAKE OF CAR</b>	CHEVY II	<b>MODEL YEAR</b>	1965	<b>DATE ISSUED</b>	9-28-64	<b>REVISED</b> (a)
	11400					
	11600					
<b>MODEL</b>	11800					
			327 Cu. In. V-8 Engines (Optional)			
			RPO L30			RPO L74
			250 HP			300 HP

## 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 ----- 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)	Single with cross over	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)	Branch	2.0 x .067-.081
	Main	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	Ventilates to induction system
	Optional	
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

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



# AMA Specifications— Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1965
	11400	DATE ISSUED	9-28-64
	11600	REVISED <sup>(a)</sup>	
MODEL	11800	327 Cu. In. V-8 Engines (Optional)	RPO L30
		RPO L74	
		250 HP	300 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.)	16
	Filler location	In left rear quarter panel
Fuel Pump	Type (elec. or mech.)	Mechanical
	Locations	Lower right front 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
	Locations	Sintered bronze filter in carburetor inlet on RPO L30 (A)
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		
11400 11600 11800	327 250 hp	3-Speed 4-Speed Powerglide	Rochester	7024225	4-Bbl Down-draft	1.44 (P) 1.44 (S)
	327 300 hp	4-Speed Powerglide	Carter	3851761	4-Bbl Down-draft	1.5625 (P) 1.6875 (S)

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

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	CHEVY II	<b>MODEL YEAR</b> 1965	<b>DATE ISSUED</b> 9-28-64 <b>REVISED</b> (*)
	11400	327 Cu. In. V-8 Engines (Optional)	
	11600	RPO L30	RPO L74
<b>MODEL</b>	11800	250 HP	300 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	
Radiator core type (cellular, tube and fin, other)		Tube on center	
Cooling system capacity	With heater (qt.)	17	
	Without heater (qt.)	16	
	Opt. equipment-specify (qt.)	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
		Inside diameter	None
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		-

* Drive Belt Dimensions	A	B
Angle of V	38° -42°	
Nominal length (SAE)	53.50	35.00
Width	.380 ±.005	

# AMA Specifications – Passenger Car

...MAKE OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED <sup>(e)</sup>
	11400		327 Cu. In. V-8 Engines (Optional)			
	11600		RPO L30		RPO L74	
MODEL	11800		250 HP		300 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	13.8-14.8 @ 85° F	
		Current		
Voltage test conditions	Temperature	Operating		
	Load	3-8 Amperes		
	Other	None		

## ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Delco-Remy		
	Model	#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 automatic choke, then release. Turn ignition to START - release as soon as engine starts.</p>		

(Continued)

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	<b>CHEVY II</b>	<b>MODEL YEAR</b> 1965	<b>DATE ISSUED</b> 9-28-64	<b>REVISED</b> (*)
	11400	327 Cu. In. V-8 Engines (Optional)		
	11600	RPO L30	RPO L74	
<b>MODEL</b>	11800	250 HP	300 HP	

## ELECTRICAL—STARTING SYSTEM (cont.)

<b>Motor Drive</b>	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

<b>Coil</b>	Make	Delco-Remy	
	Model	#1115204	
	Amps	Engine stopped	4.0
		Engine idling	1.8
<b>Distributor</b>	Make	Delco-Remy	
	Model	#1111075	
	Cent'gal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	750
		Intermediate points deg. @ rpm	
	Max deg. @ rpm		26 @ 4100
		Start (in Hg)	6.00
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Intermediate points, deg @ in Hg	
		Max. deg. in. Hg.	22 @ 12
	Breaker gap (in.)	.019	
	Cam angle (deg.)	28° - 32°	
Breaker arm tension (oz.)	19-23 oz		
<b>Timing</b>	Crankshaft deg. @ rpm.	8° BTC @ 550	
	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)	1-3-4-3-6-5-7-2		
<b>Spark Plug</b>	Make and model	AC44	
	Thread (mm)	14	
	Tightening torque (lb. ft.)	25	
	Gap	.033-.038	
<b>Cable</b>	Conductor type	Linen core impregnated with electrical conducting material	
	Insulation type	Rubber with neoprene jacket	
	Spark plug protector	Hypalon jacket	

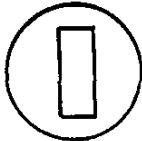

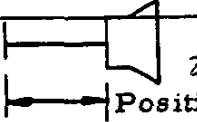


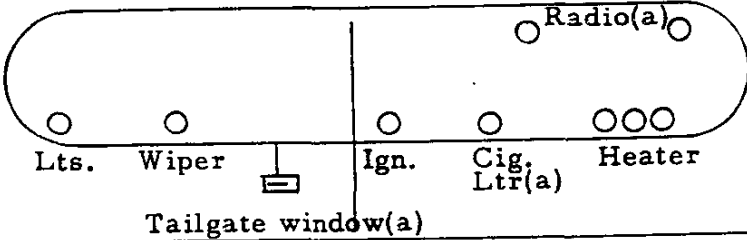
## ELECTRICAL—SUPPRESSION

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

MAKE OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (a)
Opt. Hi-Performance Engines, MODEL L30 & L74	11400		11600		11800	

## 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		Clock(a), cigarette lighter(a), tachometer(a)				
Ignition switch	Identify positions in order and circuits controlled	ACCESSORY OFF ON START		ACCESSORY-accessories(ign.off)		
				OFF - off, locked. ON - ign., batt., accessories. START - starter motor, spring return to ON.		
	Provision for illumination	None				
	Location	Instru. panel to right of steering column				
Main lighting switch	Identify positions and lamps controlled	 1st Position	 2nd Position	 CW Rotation	 CCW Rotation	
		Instr. pnl lamps, parking, tail and license lamps.	Instr. pnl lamps, hdlp., tail and license lamps.	Instr. panel lamps, dim to off.	Instr. panel lamps, off to bright; full CCW rotation, dome lamps and courtesy lamps on.	
Other light switches	Locations and lamps controlled	Toe panel-hdlp. hi-beam & hi-beam indicator. Glove compt. - glove compt. lamp (a). Frt. dr. hinge pillars - dome and courtesy lamps (a). Steer. column - direction signal indicator and external lamps. Brake pedal pendent - stop lamps. Steer. mast jacket - back up lamps except 4-speed and 11800 w/PG(a).				
Other switches	Locations and devices controlled					
Windshield wiper	Make	Delco				
	Type	Electric, single-speed(a)				
	Vacuum booster provision	None				
	Washer provision	None(a)				
Horn	Type	Vibrator				
	Number used	Two (a)				
	Amp draw (each)	8.00-11.0@12.5V				

(a) OPTIONAL EQUIPMENT: Clock 11400 & 600; cigarette lighter 11400; tachometer; glove compt. lamp 11400; courtesy lamps (door jam switches included with 11400); parking brake alarm; back up lamps 11400; radio; tailgate window control; two-speed W/S wiper (including washer); W/S washer for single-speed wiper; low note third horn; auto. trans; 4-speed.

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	CHEVY II	<b>MODEL YEAR</b>	1965
<b>Opt. Hi-Performance Engines, L30</b>	11400	<b>DATE ISSUED</b>	9-28-64
<b>MODEL and L74</b>		<b>REVISED (a)</b>	11800

## ELECTRICAL—LAMP BULBS

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

Headlamps & arrangement		2-6012	
Headlamp beam indicator		1-1895	
Parking		2-1157	
Tail		2-1157	
Stop		2-1157	
Direction signal	Front	2-1157	
	Rear	2-1157	
	Indicator	2-1895	
License Plate		1-1155	
Oil pressure indicator		1-1895	Gage
Charge indicator		1-1895	Gage
Instrument		4-1816	
Clock		Instr. lamps (a)	Opt. Instr. lamps (a) Std.
Radio		1-1893	Opt.

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

Ignition lock	NA		
Back up	2-1156	Opt.	2-1156 Std.
Dome	1-211		Std.
Glove compartment	1-1895	Opt.	1-1895 Std.
Prkg. brake signal	1-211		Std.
Luggage compartment	1-1003 (NA wagons)		Opt.
Underhood	1-93		Opt.
Courtesy	Instr. panel 2-63i		Opt.
Map	NA		
Auto. trans. pos. pattern	1-1445		Opt.
Cigar. ltr.	1-1445	Opt.	NA
Ash tray	1-53		Opt.
Traffic haz. indicator	1-1445		Opt.

(a) With tachometer option, 1-1895.

## OTHER BULBS

Temp. indicator	1-1895	Std.	Gage	Std.
Spot lamp, portables	1-416			Opt.

# AMA Specifications – Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1965	DATE ISSUED	9-28-64	REVISED (e)
Opt. Hi-Performance Engines, L30						
MODEL and L74		11400		11600		11800

## 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)	Lugg. compt. lamp	(b)
Headlamp beam indicator		(a)	Underhood lamp	SAE 4
Parking lamp		(a)	Tachometer	(d)
Tail lamp	AGC 15	(b)	Air conditioning	Two SAE20, one in "(f)"
Stop lamp		(b)	Tailgate motor	40 C.B.
Direction indicator	AGC 3	(c)	Ash tray lamp	(c)
License plate lamp		(b)	Gen. ind. lamp	(d)
Instrument lamp		(c)	Oil press. ind. lamp	(d)
Ignition lamp		--	Spot lamp	(b)
Back up lamp	AGC 10	(d)		
Dome lamp		(b)		
Clock		(b)		
Clock lamp		(c)		
Radio	AGC 2.5	(e)		
Glove compartment lamp		(b)		
Heater	AGC 10	(f)		
W/S wiper (single-speed)	SAE 20	(g)		
W/S wiper (two-speed)	14 C.B. &	"(g)"		
Cig. lighter		(b)		
Cig. lighter lamp		(c)		
Auto. trans. pos. pattern lamp		(c)		
Defogging unit		(c)		
Courtesy lamps		(b)		
Parking brake alarm lamp		(d)		
Traffic haz. ind. lamp		(b)		

## ELECTRICAL—LOCATION OF OUTSIDE LAMPS

		Sedans	
Height above ground to center of bulb	Tail	Lowest	25.7
		Highest	25.7
	Stop		25.7
	Backup		25.7
	License, rear		18.4
	Directional	Front	16.5
		Rear	25.7
	Headlamp	Inside	---
		Outside*	26.0
	Distance from C/L of car to center of bulb	Tail	Inside
Outside			28.4
Stop		28.4	
Backup		21.8	
License, rear		on C	
Directional		Front	22.7
		Rear	28.4
Headlamp		Inside	---
		Outside*	28.1

\* If single headlamps are used enter here.

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	CHEVY II	<b>MODEL YEAR</b>	1965
<b>Opt. Hi-Performance Engines, L30 &amp; L74</b>	L30	<b>DATE ISSUED</b>	9-28-64
<b>MODEL</b>	<b>3-Speed and 4-Speed</b>		
		<b>REVISED (*)</b>	L74

## DRIVE UNITS—CLUTCH (Manual Transmission)

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

## DRIVE UNITS—TRANSMISSIONS

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

## DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds		3-Speed	4-Speed	
<b>Transmission ratios</b>	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	
<b>Synchronous meshing, specify gears</b>		2nd & 3rd	All forward gears	
<b>Shift lever location</b>		Steering column	Floor	
<b>Lubricant</b>	<b>Capacity (pt.)</b>	2.0	2.5	
	<b>Type recommended</b>	Military Spec. MIL-L-2105-B		
	<b>SAE viscosity number</b>	Summer	SAE 80	
		Winter	SAE 80	
		Extreme cold	SAE 80	



# AMA Specifications – Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (\*)  
 Opt. Hi-Performance  
 MODEL Engines, L30 and L74

## 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		
Lubricant	Capacity (pt.) (Overdrive only)		
	Separate filler (yes, no)		
	Type recommended		
	SAE viscosity number	Summer	
Winter			
		Ext. cold	

## DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	Powerglide		
Type describe	Torque converter with planetary gears		
Method of Selection (Lever, Push Button or other)	Steering column except floor 11800		
Selector Pattern	P-R-N-D-L		
List gear ratios Selector Pattern and indicate which are used in each selector position	D - 1.76 and 1.00 L & R - 1.76		
	L30	L74	
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	2.75 x 51.98 x .065
		4-speed	2.75 x 51.98 x .065
	Overdrive transmission		NA
	Automatic transmission		2.75 x 51.98 x .065

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

(Continued)

# AMA Specifications – Passenger Car

MAKE OF CAR <u>CHEVY II</u>		MODEL YEAR <u>1965</u>		DATE ISSUED <u>9-28-64</u>		REVISED <sup>(*)</sup>	
Opt. Hi-Performance Engines, <u>L30</u>		<u>L30</u>		<u>L74</u>			
MODEL <u>and L74</u>		<u>3-Speed</u>	<u>4-Speed</u>	<u>3-Speed</u>	<u>4-Speed</u>		

## DRIVE UNITS—PROPELLER SHAFT (cont.)

Intermediate 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)		Leaf springs
Torque taken through (torque tube or arms, springs)		Leaf springs

## DRIVE UNITS—REAR AXLE

Description (see instructions)		Semi-floating, overhung pinion gear	
Limited Slip differential, type		Disc clutches, dual	
Drive Pinion Offset		1.5	
No. of differential pinions		2	
Gear ratios (Std. equip.)	Manual transmission	3.07	
	Overdrive transmission	NA	
	Automatic transmission	3.07	
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 conventional axles, Military Spec. MIL-L-2105-B	
	SAE viscosity number	Summer	SAE 80
		Winter	SAE 90
		Extreme cold	SAE 80

## REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

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

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED <sup>(e)</sup>

Opt. Hi-Performance Engines, L30 and L74

MODEL \_\_\_\_\_

## DRIVE UNITS—WHEELS

Type & material		Short spoke disc, steel
Rim (size and flange type)	Std.	14x5J
	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 unless indicated otherwise

Standard (List option below)	Size & ply	6.95x14-4PR
	Type - Nylon, etc.	Rayon
	Rev/mile at 50 mph.	814
Inflation press.(cold)	Front	24
	Rear	24 except wagons 28
Optional tires - size and ply		6.94x14-4PR rayon W/W

## BRAKES—SERVICE

		Standard	Metallic (Optional)
Type (duo-servo, disc, balanced, etc.)		Duo-servo 4-wheel hydraulic	
Self adjusting (std., opt., N.A.)		Std. reverse self-adjusting	
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 Rear	9.5	
Type and material		Composite; cast iron rim; steel web	
Wheel cylinder bore	Front	1.06	
	Rear	.875	
Master cylinder bore		1.0	.875
Available pedal travel		6.4	
Line pressure at 100 lb. pedal load		815	1064
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.

# AMA Specifications—Passenger Car

MAKE OF CAR <b>CHEVY II</b>	MODEL YEAR <b>1965</b>	DATE ISSUED <b>9-28-64</b>	REVISED (e)
Opt. Hi-Performance Engines, MODEL <b>L30 &amp; L74</b>	<b>11400</b>	<b>11600</b>	<b>11800</b>

## BRAKES—SERVICE (cont.)

			Standard	Metallic (Optional)	
			Bonded	Welded	
Brake lining	Front Shoe	Material	Molded asbestos		
		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 2.0 x .17	1.64 x 1.00 x .175
		Segments per shoe		1	6
	Rear Shoe	Material	Molded asbestos		
		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 1.00 x .285
		Segments per shoe		1	10

## BRAKES—PARKING

Type of control	Mechanical	
Location of control	Right of steering column under instru. panel	
Operates on	Rear wheels	
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 Unitized front end and body proper rigidly bolted together.  
Frame members incorporated into front end and body.

## 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 arm	
Provision for acc. squat control	None	
Special provisions for car jacking	Place jack just outboard of respective bumper bolt	
Shock absorber front & rear	Type	Direct, double-acting, hydraulic
	Make	Delco
	Piston dia.	1.00
Other special features	Single leaf rear springs	

## SUSPENSION—FRONT

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

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

Normal operating pressures  
spring rates  
leveling data

(Continued)

MAKE OF CAR CHEVY II MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (\*)  
 Opt. Hi-Performance Engines, L30 & L74 MODEL L30 & L74  
(11469)

**SUSPENSION FRONT (cont.)**

Spring	Type	Coil, RH helix
	Material	Steel alloy
	Size (coil design height & I.D.; bar length x dia.)	9.20 & 3.80; 107.28 x .590
	Spring rate (lb. per in.)	300
	Rate at wheel (lb. per in.)	122
	Design load (lb. @ design height)	1280@9.20
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	Steel, .687

**STEERING**

Manual (std., opt., NA)		Standard	
Power (std., opt., NA)		Optional	
Adjustable steering wheel (tilt, swing, other)	Type and description	NA	
	(std., opt., NA)	--	
Wheel diameter	Manual	16.24	
	Power	16.24	
Turning diameter	Outside front	Wall to wall (l. & r.)	39.5
		Curb to curb (l. & r.)	38.4
	Inside rear	Wall to wall (l. & r.)	23.5
		Curb to curb (l. & r.)	23.8
Outside wheel angle with inside wheel at 20°		18.7°	

Manual	Gear	Type	Semi-reversible, recirculating ball nut	
		Make	Saginaw	
		Ratios	Gear	20:1
			Overall	25.4:1
	No. wheel turns	4.50 lock to lock		
Power	Type (coaxial, linkage, etc.)	Linkage		
		Make	Saginaw	
	Gear	Type	Same as Manual	
		Ratios	Gear	20:1
			Overall	25.4:1
	Pump driven by	Crankshaft pulley		
	Number wheel turns	4.50 lock to lock		
Linkage	Type	Parallelogram		
	Location (front or rear of wheels, other)	Rear of wheels		
	Drag link (trans. or longit.)	None		
	Tie rods (one or two)	2		

(Continued)

# AMA Specifications – Passenger Car

**MAKE OF CAR** CHEVY      **MODEL YEAR** 1965      **DATE ISSUED** 9-28-64 **REVISED** (6)  
**Opt. Hi-Performance**      **L30 & L74**  
**Engines, L30 & L74**  
**MODEL**      **(11469)**

## STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		6-1/2 to 7-1/2
	Bearings (type)	Upper	Ball stud with sintered iron bearing
		Lower	Ball stud with sintered iron bearing & phenolic seat
	Thrust	None	
Wheel alignment (range and preferred)	Caster (deg.)		P1/2 to P1-1/2 (curb)
	Camber (deg.)		0 to P1 (curb)
	Toe-in (outside tread-inches)		1/4 to 3/8 total (curb)
Steering spindle & joint type			Steering knuckle with spherical joints
Wheel spindle	Diameter	Inner bearing	1.2492-1.2498
		Outer bearing	.7491-.7497
	Thread size		3/4-20 NEF-3 (modified)
	Bearing type		Taper roller

## SUSPENSION—REAR

Type and description			Hotchkiss with two single leaf springs
Drive and torq. taken through (see page 17)			Leaf springs
Spring	Type		Single leaf
	Material		Chrome carbon steel
	Size (length x width, coil design height and I.D.; bar length & dia.)		62.5 x 2.25 (width @ C/L of axle)
	Spring rate (lb. per in.)		130
	Rate at wheel (lb. per in.)		136
	Design load (lb. at design height)		575 @ +.31 camber
	Mounting Insulation type		Rubber bushed at shackle and hanger
	If leaf	No. of leaves	
Inserts		Type and size	--
		Material	--
Shackle (comp. or tens.)		Compression	
Stabilizer	Type (link, linkless, frameless)		None
	Material		--
Track bar type			None

# AMA Specifications - Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1965
		DATE ISSUED	9-28-64
		REVISED	(6)
MODEL	11000	SEDANS	COUPES
		2-DR	4-DR
			STATION WAGONS

## 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		Plate above lower hinge on LH front hinge pillar
Engine No. Location		Right side of cylinder block to rear of distributor
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 foam pad
	Rear	Formed spring cotton-jute(a)
	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., compound curved - tempered plate, three piece)		Curved, safety solid
Side glass type (i.e., curved - tempered plate)		Flat, safety solid
Side glass exposed surface area		1375.0    1278.6    1250.2    2444.5
Windshield glass exposed surface area		1007.3    937.9    1007.3
Backlight glass exposed surface area		797.1    1117.0    698.4
Total glass exposed surface area		3179.4    3083.0    3265.1    4150.2

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

Power windows	Side Windows	NA
	Vent Windows	NA
	Backlight or tailgate	Optional on wagons
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)		Manual, push button, AM-FM push button optional
Rear seat speaker		Optional
Power Antenna		NA
Clock		Optional (Standard on Nova SS)
Air Conditioner (specify type and availability)		All weather, optional

(a) - Nova and Nova Super Sport, foam pad

# AMA Specifications – Passenger Car

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

## WEIGHTS

	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
Model								
Chevy II 100			327					327
			8-cyl					8-cyl
11411 2-door sedan			2960					2830
11435 4-door wagon			3200					3065
11469 4-door sedan			2975					2845
Nova								
11635 4-door wagon			3200					3065
11637 2-door coupe			2985					2850
11669 4-door sedan			2985					2850
Nova SS								
11837 2-door coupe			3020					2885
Accessories & Equipment Differential Weights				Remarks				
			327					
Air conditioning			+90					
Brakes, Power			+ 8					
Heater (delete)			-22					
Radio, Manual			+ 7					
Radio, Push button			+ 8					
Radio, AM-FM pushbur.			+ 9					
Steering, Power			+28					
Transmission, Powerglide			+15					
Transmission, 4-speed			+ 7					

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



# AMA Specifications – Passenger Car

Page 24

## INDEX

SUBJECT	PAGE NO.	SUBJECT	PAGE NO.
Automatic Transmission	1, 16	Linings – Clutch, Brake	15, 19
Axis, Steering	21	Lubrication	6, 7, 15, 16, 17
Axle, Rear	1, 17	Luggage Capacity	1a
Battery	10	Motor, Starting	10
Bearings, Engine	4, 5, 6	Muffler	7
Belts – Fan, Generator, Water Pump	9	Overdrive	16
Body – General Information, types	Title, 1, 22	Piston Pins & Rings	2, 4
Exterior Dimensions	1	Pistons	2
Interior Dimensions	1a	Power Brakes	18
Brakes – Parking, Service, Power	18, 19	Power Steering	20
Camber	21	Power Teams	3
Camshaft	5	Propeller Shaft, Universal Joints	16, 17
Capacities		Pumps – Oil, Fuel	7, 8
Cooling System	9	Water	9
Fuel Tank	8	Radiator, Hoses	9
Lubricants		Ratios – Axle	1, 3, 17
Engine Crankcase	7	Compression	1, 2, 3
Transmission and Overdrive	15, 16	Steering	20
Rear Axle	17	Transmission	15, 16
Carburetor	3, 8	Rear Axle	1, 3, 17
Caster	21	Regulator – Generator	10
Choke, Automatic	8	Rims	18
Circuit Breakers, Fuses	14	Rings, Piston	4
Clutch – Pedal Operated	15	Rods – Connecting	4
Coil, Ignition	11	Shock Absorbers, Front & Rear	19
Connecting Rods	4	Spark Plugs	11
Cooling System	9	Speedometer	12
Crankcase Ventilation	7	Springs – Front & Rear Suspension	20, 21
Crankshaft	5	Valve, Engine	6
Cylinders and Cylinder Head	2	Stabilizer (Sway Bar) – Front & Rear	20, 21
Distributor – Ignition	11	Starting Motor	10
Electrical System	10, 11, 12, 13, 14	Steering	20, 21
Engine		Suppression – Ignition, Radio	11
Bore, Stroke, Displacement, Type	1, 2	Suspension – Front & Rear	19, 20, 21
Compression Ratio	1, 2	Switches	12
Firing Order, Cylinder Numbering	2, 11	Tailpipe	7
General Information, H.P. & Torque	1, 2	Thermostat, Cooling	9
Lubrication	6, 7	Timing, Engine & Valve	5, 6, 11
Power Teams	3	Tires	1, 18
Exhaust System	7	Toe in	21
Equipment Availability	22	Torque Converter	16
Fan, Cooling	9	Torque – Engine, Rated	1, 2, 3
Filters – Engine Oil, Fuel System	7, 8	Transmission – Types	1, 3, 8, 15, 16
Frame	19	Automatic	1, 3, 8, 15, 16
Front Suspension	19, 20	Manual & Overdrive	1, 3, 8, 15, 16
Fuel, Fuel Pump, Fuel System	1, 2, 8	Ratios	15, 16
Fuel Injection	1, 8	Tread	1
Fuses, Circuit Breakers	14	Trunk Luggage Capacity	1a
Generator and Regulator	10	Turning Diameter	20
Glass	22	Unitized Construction	19
Height (Lamps)	14	Universal Joints, Propeller Shaft	16, 17
Headroom – Body	1a	Valves – Intake & Exhaust	5, 6
Heights – Overall	1	Vibration Damper	5
Horns	12	Voltage Regulator	10
Horsepower – Brake	1, 2, 3	Water Pump	9
Ignition System	11	Weights – Shipping, Curb	23
Inflation – Tires	18	Wheel Alignment	21
Instruments	7, 12	Wheelbase	1
Kingpin (Steering Axis)	21	Wheels & Tires	18
Lamp Bulbs	13	Wheel Spindle	21
Lamp Height & Spacing	14	Widths – Car & Body	1
Legroom	1a	Windshield	22
Lengths – Overall	1	Windshield Wiper	12
Lifters, Valve	5		