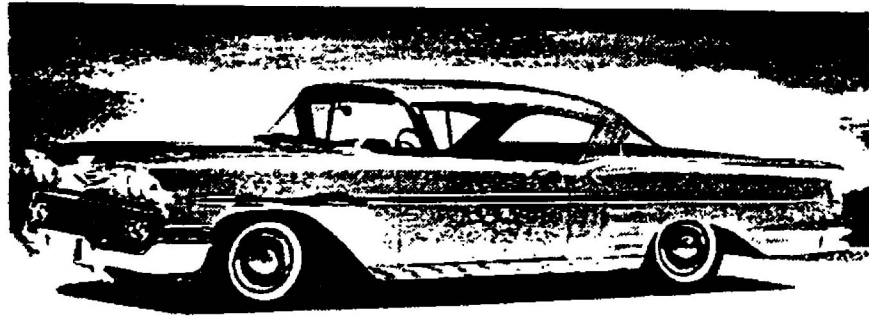


CHEVROLET



1958 Chevrolet, Bel Air Impala two-door hardtop Sport Coupe, V-8

1958

Body Construction	All steel, all-welded construction. Thorough sealing and insulation. Rubber body mounting.
Top	Automatically folding colored fabric top with zippered-in plastic rear windows.
Windshield	Permanent Panoramic safety plate glass windshield; dual wipers, defroster provision, dual sunshades, rearview mirror Accessories; defroster (with heater), windshield washer.
Windows and Ventilation	Crank-operated safety plate glass side windows and ventipanes; high-level ventilation system. Opt. electric power window lifts, heater and defroster, air conditioner
Seats	3-passenger adjustable front seat with centerfold backrests; 2-passenger rear seat. Steel seat frames with S-wire springs; foam rubber pads in cushions. Three color all-vinyl upholstery; chrome front seat and panels. Floor carpets. Opt. power controlled front seat.
Interior Conveniences	Front and rear armrests, ashtrays and radio speaker grilles; cigaret lighter; electric clock; glove box with automatic light and lock; dual courtesy lights automatically operated by door switches. Complete line of accessories available.
Trunk	Automatically locking, insulated and sealed trunk
Locks	Ignition, door and trunk locks operated by one master key.

Styling

Car styled as unit with streamlined body, fenders and front-opening hood; built-in lights. Chrome bumpers. Anodised aluminum grille. Chrome light and window frames and side moldings.

Finish

Polished lacquer in wide color selection.

Brakes	Enclosed 4-wheel, hydraulically operated, self-energizing brake shoes. 12-inch diameter cast iron and steel drums. Opt. vacuum power brakes.
Wheels	Demountable steel disk wheels with integral drop-center rims; all-welded construction. Full-size chrome wheel covers.
Tires	Five extra-low-pressure tubeless tires. Spare tire locked in truck. Opt. whitewall tires.
Steering	Ball-race steering gear with balanced linkage. 17-inch molded hard rubber on steel steering wheel; recessed hub; two perforated chrome spokes. Opt. power steering.
Chassis Lubrication	High-Pressure Lubrication fittings.
Driving Lights	12-volt electrical system: four Sealed Beam headlights; two front parking lights with turn signals; four taillights, two with stop lights and turn signal lights; two backup lights -- all built into car.
Driving controls and Instruments	Electric starter; accelerator; steering wheel; horn ring for dual horns; steering column transmission and turn signal control; brake pedal, clutch pedal (none with auto. trans.); parking brake pedal. Headlight dimmer. Indirectly lighted speedometer, gasoline and temperature gauges oil pressure and battery indicator lights.

CHEVROLET

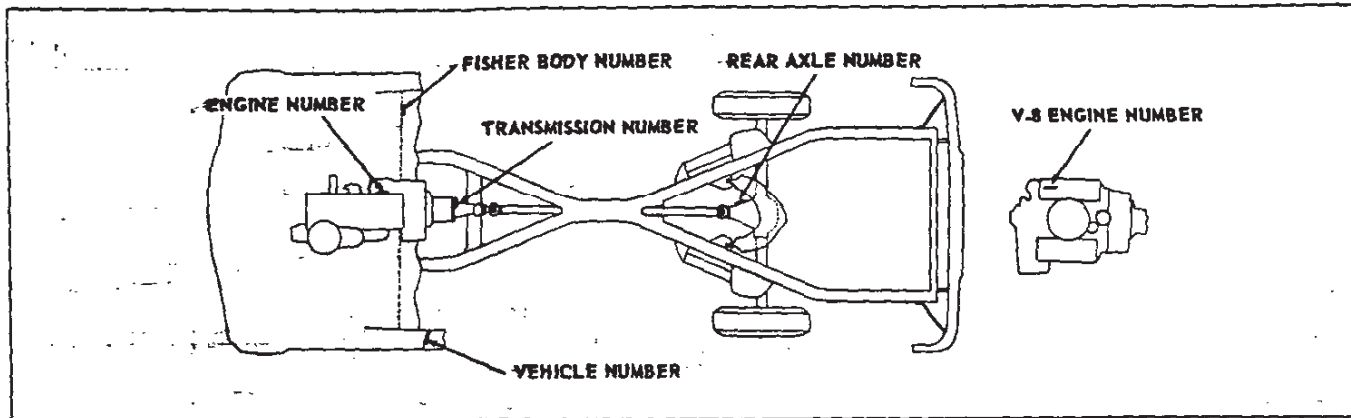


Customer
Assistance
Center

1958
Bel Air Impala
CONVERTIBLE

Wheelbase (in.)	117.5
Dry Weight (lb.)	3520
Max. Horsepower	145 (Six); 185 (V8), Opt. V8; 230, 250, 250 (fuel injection, 280.
Tire Size (in.)	8.00 x 14
Passengers	5
Chassis Frame	Tubular center X-frame; box girders; welded construction.
Suspension	Knee-Action front springs; front ride stabilizer (V8s); coil springs with shock absorbers front and rear. Opt. Level Air suspension.
Engine	Choice of Six or V8 valve-in-head engine; downdraft carburation; fuel pump; full-pressure lubrication; water pump cooling; rubber-cushioned mounting.
Clutch	Enclosed dry plate type; composition facings; diaphragm spring action. (None used with automatic transmission).
Transmission	3-speed Synchro-Mesh. Opt. overdrive; Opt. Powerglide or Turboglide automatic transmission.
Drive System	Dual propeller shafts with three universal joint; hypoid gear rear axle. Opt. Positraction axle.

SERIAL NUMBERS AND IDENTIFICATION



VEHICLE SERIAL NUMBER

6 cylinder example:

Series	Model year	Assembly plant	Unit number
A	58	T	100025

8 cylinder example:

Series	Model year	Assembly plant	Unit number
B	58	T	100026

With 6 cylinder engine:

A 1100 except 1171	A-Atlanta
C 1500	B-Baltimore
E 1700	F-Flint
G 1171	J-Janesville
	K-Kansas City

With 8 cylinder engine:

B 1200 except 1271	L-Los Angeles
D 1600	N-Norwood
F 1800	O-Oakland
H 1271	S-St. Louis
	T-Tarrytown

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

8 cylinder engine:

- C - Regular production engine
- CB - Regular with heavy duty clutch
- CD - Regular with overdrive
- CF - Regular with 4-barrel carburetor equip.
- CG - Regular with 4-bbl. carb. & overdrive
- CH - Regular with fuel injection
- D - Regular with Powerglide
- DB - Regular with 4 bbl. carb. & Powerglide
- DE - Regular with air suspension & Powerglide
- DF - Regular with air susp., 4 bbl. carb. & PG
- E - Regular with Turboglide
- EB - Regular with 4 bbl. carb. & Turboglide
- EC - Regular with fuel injection & Turboglide
- ED - Regular with air suspension & Turboglide
- EF - Regular with air susp. 4 bbl. carb. & TG
- F - RPO 576 optional engine
- FA - RPO 576 with triple 2-bbl. carb. equip.
- G - RPO 576 with Powerglide
- H - RPO 576 with Turboglide
- HA - RPO 576 with triple 2-bbl. carb. & TG

Location:

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

TRANSMISSION IDENTIFICATION

Example: Plant & type Month Day of Shift
 designation month month D¢

Prefix	Plant	Type
M	Muncie -----	3-speed & O.D.
S	Saginaw -----	3-speed & O.D.
C	Cleveland -----	Powerglide
B	Toledo -----	Turboglide

Location, 3-speed ----- Stamped on rear face of case on upper right corner.
Powerglide ----- Stamped on rear flange of governor cover.
Turboglide ----- Stamped on boss on lower right rear of case.

ENGINE IDENTIFICATION

Example: F 1210 CD

Source designation	Production month & date\$	Type designation
F	1210	CD
Assembly plant:	F-Flint	T-Tonawanda

6 cylinder:

- A - Regular production engine with 3-speed or overdrive
- AE - Regular with heavy duty clutch
- B - Regular with Powerglide

¢ - D denotes day shift; N denotes night shift; applicable to Powerglide and Turboglide only.

\$ - Month: 1 denotes January, 2 denotes February etc.; 01 denotes first day of month, 02 second day of month etc.

11-29-57

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

ORIGINAL COPY

REAR AXLE IDENTIFICATION

Example: AA 212

Plant and type designation	Production month\$	Date day\$
AA	2	12

Gear & Axle	Buffalo
AA -----	BA ----- 3-speed transmission
AB -----	BB ----- Automatic transmission
AC -----	BC ----- Overdrive transmission
AK -----	Limited slip 3.55:1 ratio
AL -----	Limited slip 4.11:1 ratio
AM -----	Limited slip 3.36:1 ratio

Location ----- Stamped front right side of differential carrier.

VEHICLE WEIGHTS
1100-1200-SERIES DELRAY

Model	VEHICLE TYPE Description	SHIPPING WEIGHT			CURB WEIGHT			LOADED WEIGHT		
		Front	Rear	Total	Front	Rear	Total	Front	Rear	Total
1121	Utility Sedan 6 cylinder	1827	1526	3353	1834	1674	3508	2054	1904	3958
1221P		1893	1551	3444	1900	1699	3599	2120	1929	4049
1221T		1812	1544	3356	1819	1692	3511	2039	1922	3961
1221P	Utility Sedan 8 cylinder	1870	1566	3436	1877	1714	3591	2097	1944	4041
1221T		1805	1546	3351	1812	1694	3506	2032	1924	3956
1141	2-Door Sedan 6 cylinder	1851	1545	3396	1858	1693	3551	2160	2291	4451
1141P		1917	1570	3487	1924	1718	3642	2226	2316	4542
1241	2-Door Sedan 8 cylinder	1835	1564	3399	1842	1712	3554	2144	2310	4454
1241P		1893	1586	3479	1900	1734	3634	2202	2332	4534
1241T		1828	1566	3394	1835	1714	3549	2137	2312	4449
1149	4-Door Sedan 6 cylinder	1871	1568	3439	1878	1716	3594	2180	2314	4494
1149P		1937	1593	3530	1944	1741	3685	2246	2339	4585
1249	4 Door Sedan 8 cylinder	1859	1583	3442	1866	1731	3597	2168	2329	4497
1249P		1917	1605	3522	1924	1753	3677	2226	2351	4577
1249T		1852	1585	3437	1859	1733	3592	2161	2331	4492
1171	Sedan Delivery 6 cylinder	1814	1715	3529	1839	1828	3667			
1171P		1880	1740	3620	1905	1853	3758			
1271	Sedan Delivery 8 cylinder	1801	1730	3531	1826	1843	3669			
1271P		1859	1752	3611	1884	1865	3749			
1271T		1794	1732	3526	1819	1845	3664			

1500-1600 SERIES BISCAVNE

1541	2-Door Sedan 6 cylinder	1855	1549	3404	1862	1697	3559	2164	2295	4459
1541P		1921	1574	3495	1928	1722	3650	2230	2320	4550
1641	2-Door Sedan 8 cylinder	1841	1566	3407	1848	1714	3562	2150	2312	4462
1641P		1899	1588	3487	1906	1736	3642	2208	2334	4542
1641T		1834	1568	3402	1841	1716	3557	2143	2314	4457
1549	4-Door Sedan 6 cylinder	1879	1568	3447	1886	1716	3602	2188	2314	4502
1549P		1945	1593	3538	1952	1741	3693	2254	2339	4593
1649	4-Door Sedan 8 cylinder	1863	1587	3450	1870	1735	3605	2172	2333	4505
1649P		1921	1609	3530	1928	1757	3685	2230	2355	4585
1649T		1856	1589	3445	1863	1737	3600	2165	2335	4500

1700-1800 SERIES BEL AIR

1731	2-Door Sport Coupe 6 cylinder	1883	1572	3455	1890	1720	3610	2192	2318	4510
1731P		1949	1597	3546	1956	1745	3701	2258	2345	4601
1831	2-Door Sport Coupe 8 cylinder	1867	1591	3458	1874	1739	3613	2176	2337	4513
1831P		1925	1613	3538	1932	1761	3693	2234	2359	4593
1831T		1860	1593	3453	1867	1741	3608	2169	2349	4518
1739	4-Door Sport Sedan 6 cylinder	1914	1597	3511	1921	1745	3666	2223	2343	4566
1739P		1980	1622	3602	1987	1770	3757	2289	2368	4657
1839	4-Door Sport Sedan 8 cylinder	1898	1616	3514	1905	1764	3669	2207	2362	4569
1839P		1956	1638	3594	1962	1787	3749	2265	2384	4649
1839T		1891	1618	3509	1898	1766	3664	2200	2364	4564
1741	2-Door Sedan 6 cylinder	1866	1558	3424	1873	1706	3579	2175	2304	4479
1741P		1932	1583	3515	1939	1731	3670	2241	2329	4570
1841	2-Door Sedan 8 cylinder	1851	1576	3427	1858	1724	3582	2160	2322	4482
1841P		1909	1598	3507	1916	1746	3662	2218	2344	4562
1841T		1844	1578	3422	1851	1726	3577	2153	2324	4477
1747	Spec. Sport Coupe 6 cylinder	1884	1574	3458	1891	1722	3613	2166	2197	4363
1747P		1950	1599	3549	1957	1747	3704	2232	2222	4454
1847	Spec. Sport Coupe 8 cylinder	1867	1592	3459	1874	1740	3614	2149	2215	4364
1847P		1925	1614	3539	1932	1762	3694	2207	2237	4444
1847T		1860	1594	3454	1867	1742	3609	2142	2217	4359
1749	4-Door Sedan 6 cylinder	1889	1578	3467	1896	1726	3622	2198	2324	4522
1749P		1955	1603	3558	1962	1751	3713	2264	2349	4613
1849	4-Door Sedan 8 cylinder	1874	1596	3470	1881	1744	3625	2183	2342	4525
1849P		1932	1618	3550	1939	1766	3705	2241	2364	4605
1849T		1867	1598	3465	1874	1746	3620	2176	2344	4520

P-Powerglide
T-Turboglide

11-29-57

P-4 - VEHICLE WEIGHTS

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

VEHICLE WEIGHTS - Continued
1700-1800 SERIES BEL AIR

VEHICLE TYPE		SHIPPING WEIGHT			CURB WEIGHT			LOADED WEIGHT		
Model	Description	Front	Rear	Total	Front	Rear	Total	Front	Rear	Total
1767	Convertible 6 cylinder	1920	1602	3522	1927	1750	3677	2202	2225	4427
1767P		1986	1627	3613	1993	1775	3768	2268	2250	4518
1867	Convertible 8 cylinder	1903	1620	3523	1910	1768	3678	2185	2243	4428
1867P		1961	1642	3603	1968	1790	3758	2243	2265	4508
1867T		1966	1622	3518	1903	1770	3673	2178	2245	4423

1100-1200 SERIES YEOMAN

1191	2-Door Station Wagon 6 cyl.	1898	1795	3693	1923	1908	3831	2225	2506	4731
1191P		1964	1820	3784	1989	1933	3922	2291	2531	4822
1291	2-Door Station Wagon 8 cyl.	1885	1811	3696	1910	1924	3834	2212	2522	4734
1291P		1943	1833	3776	1968	1946	3914	2270	2544	4814
1291T		1878	1813	3691	1903	1926	3829	2205	2524	4729
1193	4-Door Station Wagon 6 cyl.	1923	1817	3740	1948	1930	3878	2250	2528	4778
1193P		1989	1842	3831	2014	1955	3969	2316	2553	4869
1293	4-Door Station Wagon 8 cyl.	1909	1834	3743	1934	1947	3881	2236	2545	4781
1293P		1967	1856	3823	1992	1969	3961	2294	2567	4861
1293T		1902	1836	3738	1927	1949	3876	2229	2547	4776

1500-1600 SERIES BROOKWOOD

1593	4-Door Station Wagon 6 cyl.	1927	1821	3748	1952	1934	3886	2254	2532	4786
1593P		1993	1846	3839	2018	1959	3977	2320	2557	4877
1693	4-Door Station Wagon 8 cyl.	1914	1837	3751	1939	1950	3889	2241	2548	4789
1693P		1972	1859	3831	1997	1972	3969	2299	2570	4869
1693T		1907	1839	3746	1932	1952	3884	2234	2550	4784
1594	4-Door Station Wagon 6 cyl. *	1972	1865	3837	1998	1977	3975	2291	3034	5325
1594P		2038	1890	3928	2064	2002	4066	2357	3059	5416
1694	4-Door Station Wagon 8 cyl. *	1958	1881	3839	1984	1993	3977	2277	3050	5327
1694P		2016	1903	3919	2042	2015	4057	2335	3072	5407
1694T		1951	1883	3834	1977	1995	3972	2270	3052	5327

1700-1800 SERIES NOMAD

1793	4-Door Station Wagon 6 cyl.	1937	1831	3768	1962	1944	3906	2264	2542	4806
1793P		2003	1856	3859	2028	1969	3997	2330	2567	4897
1893	4-Door Station Wagon 8 cyl.	1924	1847	3771	1949	1960	3909	2251	2558	4809
1893P		1982	1869	3851	2007	1982	3989	2309	2580	4889
1893T		1917	1849	3766	1942	1962	3904	2244	2560	4804

Note: Eight cylinder weights shown are for standard 283 cu. in. V-8. For optional 348 cu. in. V-8 add 101 pounds to front and total shipping weights, 113 pounds (engine weight plus water) to front and total curb and loaded weights.

P-Powerglide

T-Turboglide

*-9 passenger

SHIPPING WEIGHT: The weight of the basic vehicle with all regular equipment and with grease and oil where required. It does not include the weight of gasoline and water.

CURB WEIGHT: The weight of the empty vehicle ready to drive. It is the shipping weight plus the weights of gasoline and water. For the weight of gasoline add 102 pounds to the sedan delivery and station wagons, 120 pounds to all other models. For the weight of water add 35 pounds to the 6 cyl. models, 34 pounds to the 283-V8 models, 46 pounds to the 348-V8 models.

LOADED WEIGHT: The curb weight of the basic vehicle plus a maximum of 150 pounds for each passenger.

Example:

Model 1141 (6 passenger) ----- 3549+900=4449

PERFORMANCE WEIGHT: The curb weight of the lowest priced 4-door sedan with regular equipment plus 600 pounds for passengers.

Example:

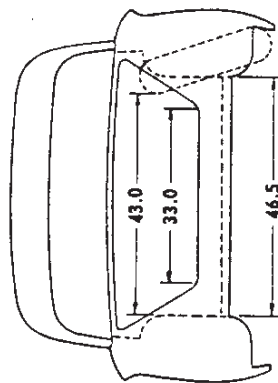
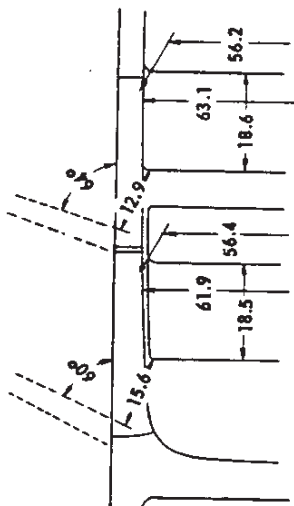
Model 1149 ----- 3592+600=4192

BODY INTERIOR DIMENSIONS

Trim and hardware differences between models are not considered in these dimensions. However, these differences are never greater than 5/8.

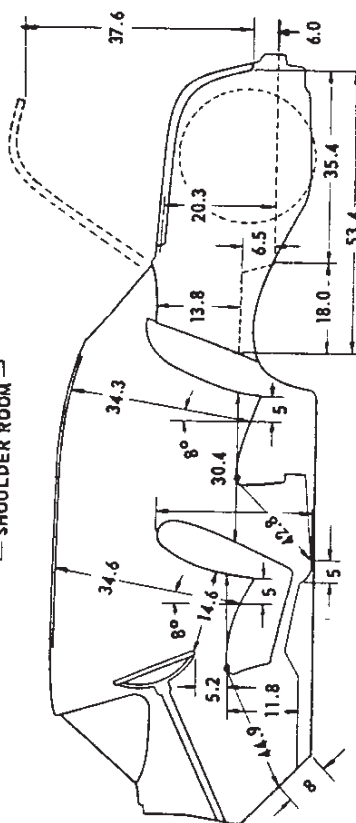
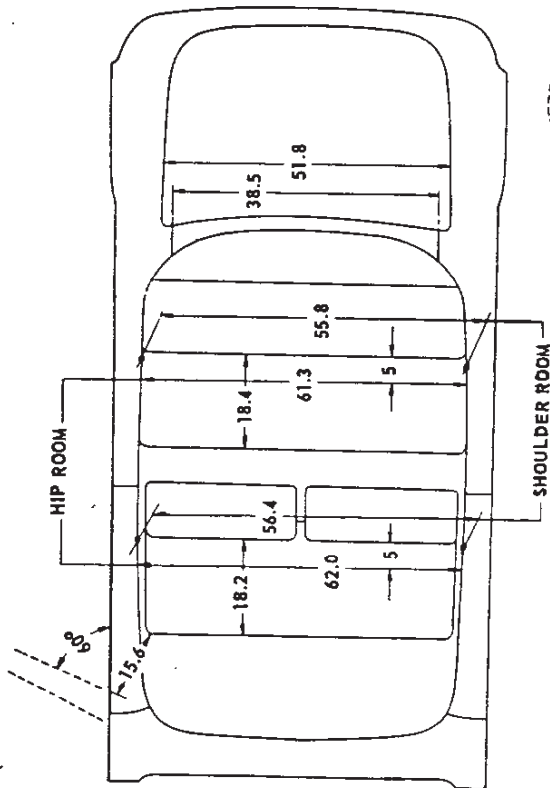
NOTE: EQUIVALENT 6-CYLINDER MODELS IDENTICAL

1839-1841-1641-1241
SPORT SEDAN AND 4-DOOR SEDAN



LUGGAGE COMPARTMENT CAPACITY
APPROXIMATELY 25.0 CU. FT. WITH
SPARE TIRE INSTALLED.

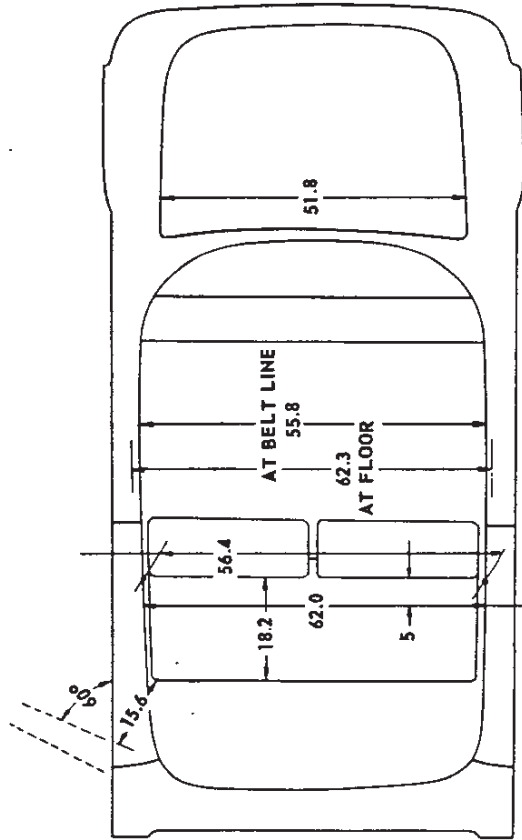
1831-1841-1641-1241
SPORT COUPE AND 2-DOOR SEDAN



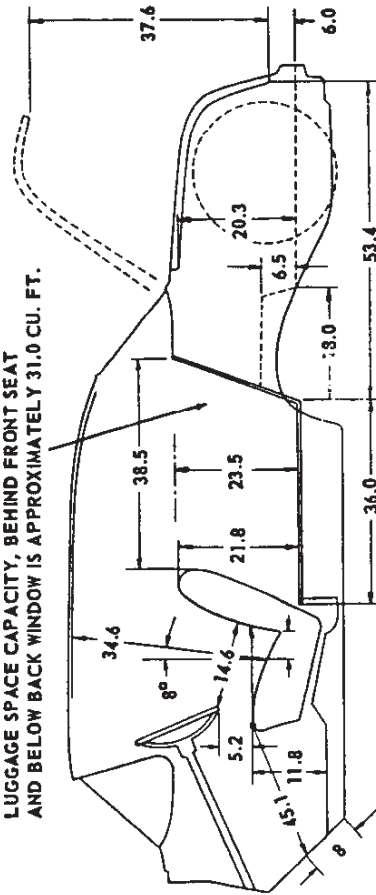
FRONT SEAT ADJUSTMENT 4.8
SEAT SHOWN IN REAR POSITION

BEL AIR 2-DOOR AND 4-DOOR SEDANS (MODELS 1841 AND 1849)
BEL AIR SPORT COUPE AND SPORT SEDAN (MODELS 1831 AND 1839)
BISCAYNE 2-DOOR AND 4-DOOR SEDANS (MODELS 1641 AND 1649)
DELRAY 2-DOOR AND 4-DOOR SEDANS (MODELS 1241 AND 1249)

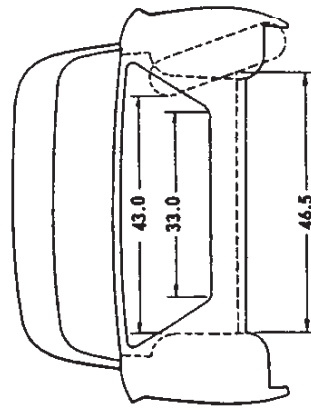
BODY INTERIOR DIMENSIONS - Continued



LUGGAGE SPACE CAPACITY, BEHIND FRONT SEAT AND BELOW BACK WINDOW IS APPROXIMATELY 31.0 CU. FT.



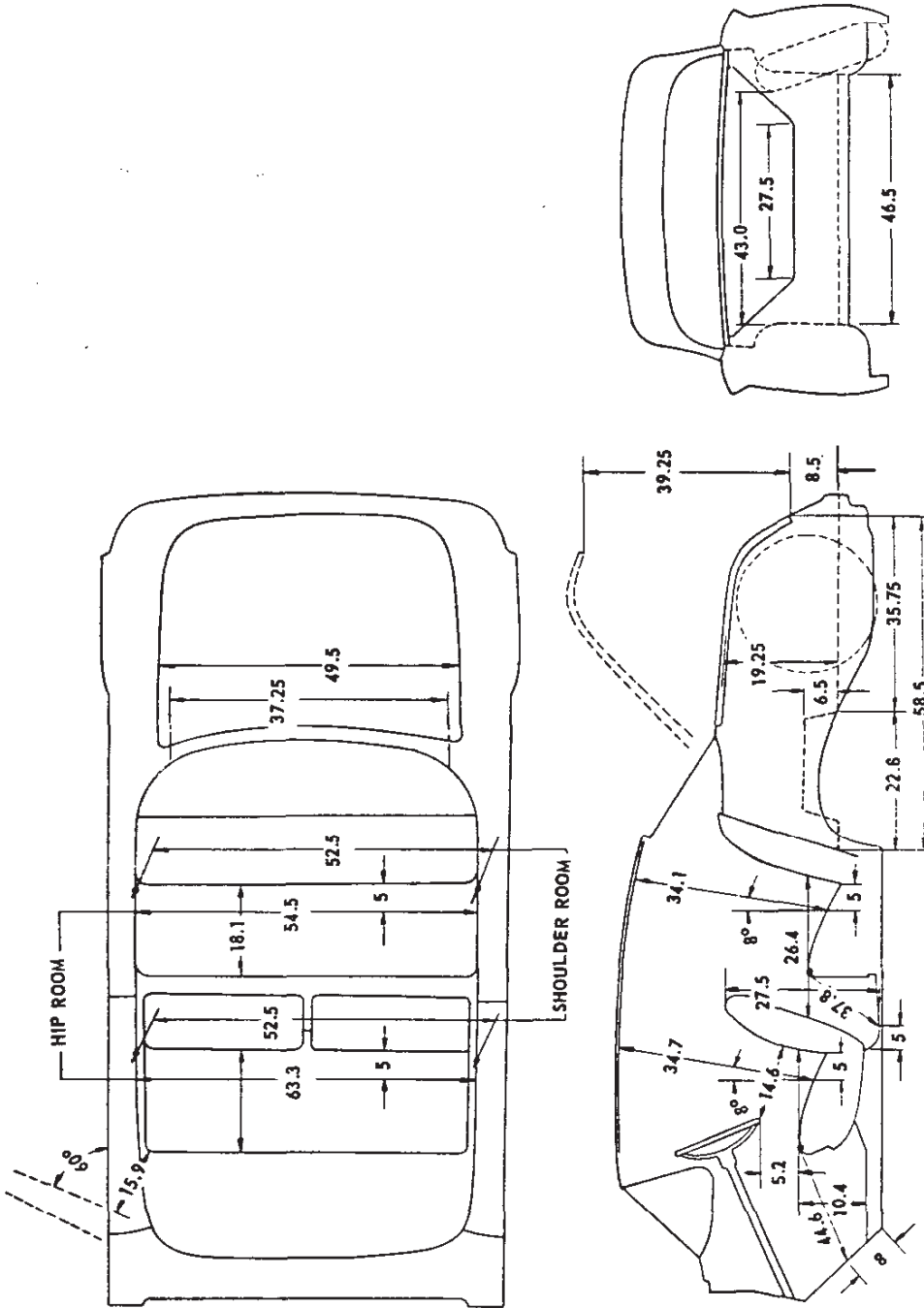
FRONT SEAT ADJUSTMENT 4.8 SEAT SHOWN IN REAR POSITION



LUGGAGE COMPARTMENT CAPACITY APPROXIMATELY 25.0 CU. FT. WITH SPARE TIRE INSTALLED.

DELRAY UTILITY SEDAN (MODELS 1121-1221)

BODY INTERIOR DIMENSIONS - Continued

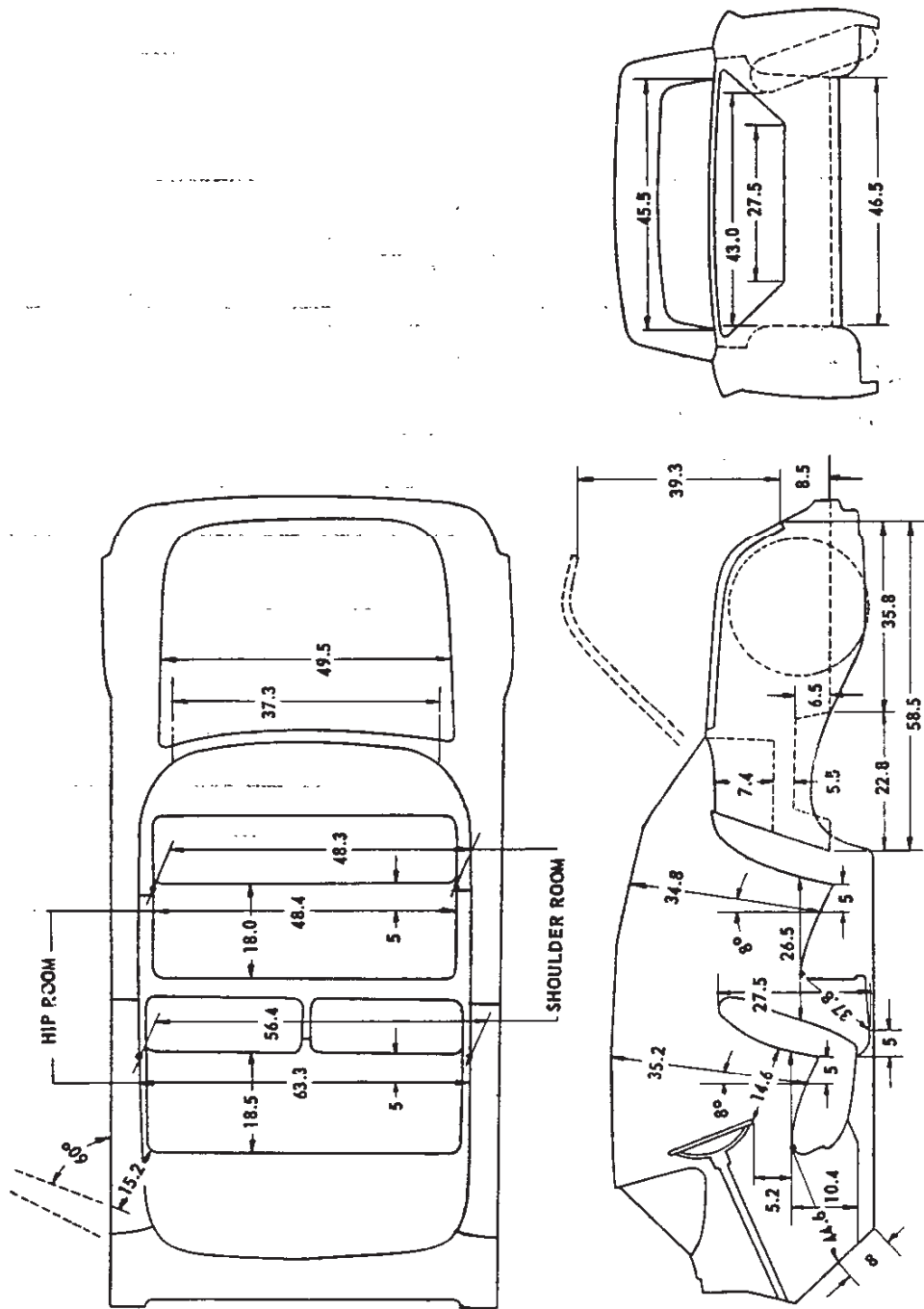


LUGGAGE COMPARTMENT CAPACITY
APPROXIMATELY 23.0 CU. FT. WITH
SPARE TIRE INSTALLED.

FRONT SEAT ADJUSTMENT 4.8
SEAT SHOWN IN REAR POSITION

IMPALA SPORT COUPE (MODELS 1747-1847)

BODY INTERIOR DIMENSIONS - Continued

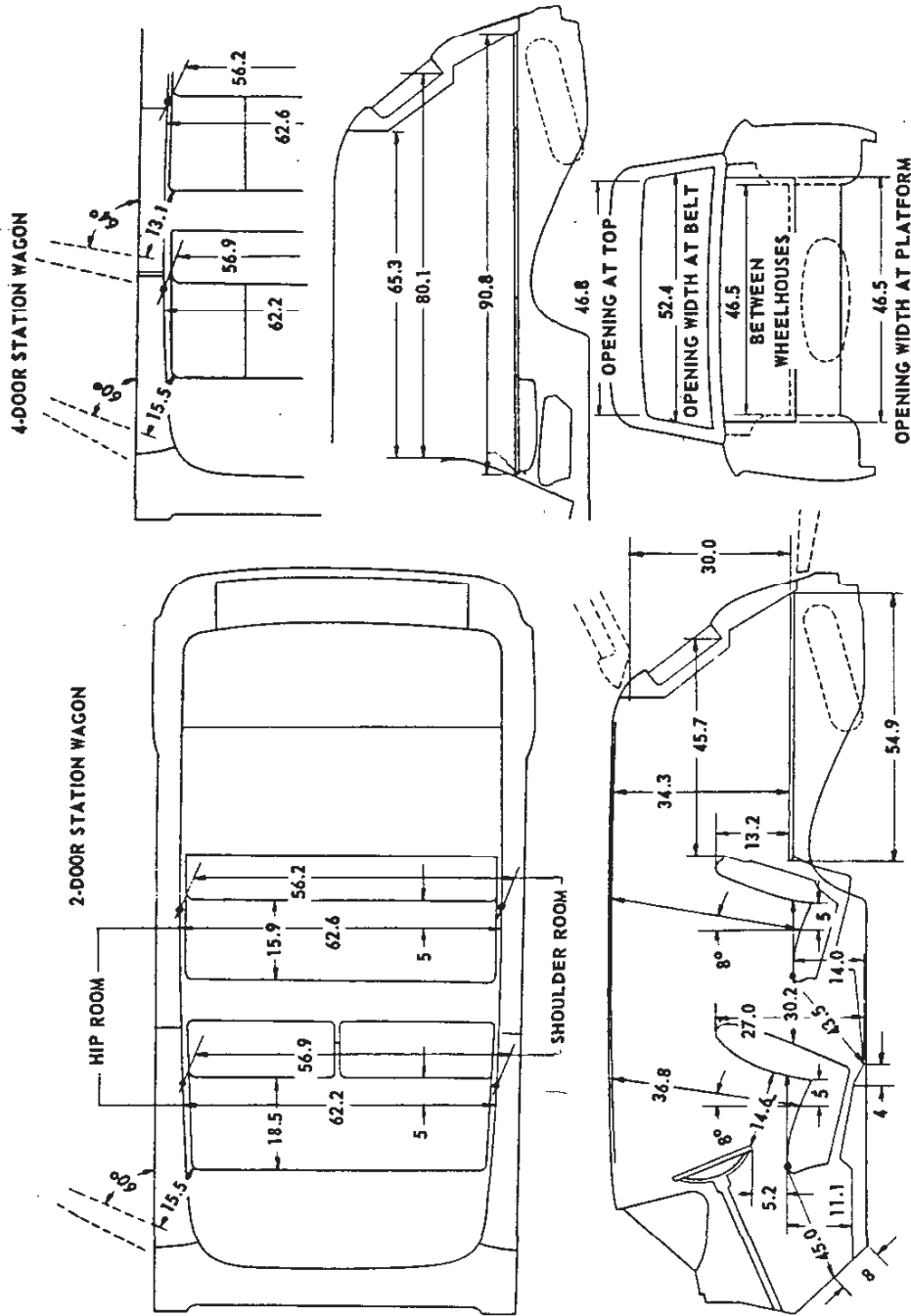


LUGGAGE COMPARTMENT CAPACITY
APPROXIMATELY 23.0 CU. FT. WITH
SPARE TIRE INSTALLED AND TOP UP.

FRONT SEAT ADJUSTMENT 4.8
SEAT SHOWN IN REAR POSITION

IMPALA CONVERTIBLE (MODELS 1767-1867)

BODY INTERIOR DIMENSIONS - Continued

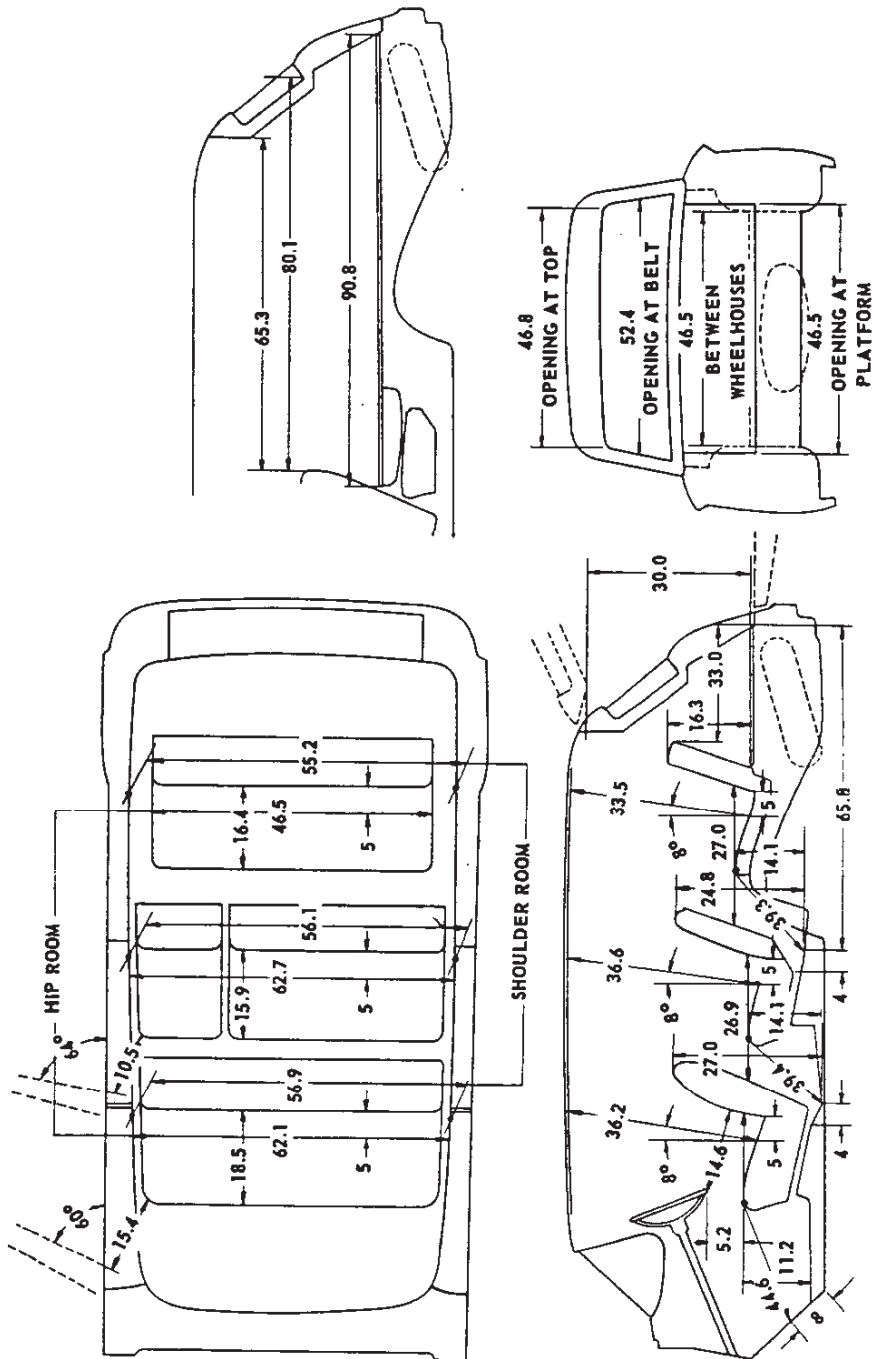


FRONT SEAT ADJUSTMENT 4.8
SEAT SHOWN IN REAR POSITION

CARGO SPACE APPROXIMATE CAPACITY 88 CU. FT. WITH REAR SEAT FOLDED
49 CU. FT. WITH REAR SEAT IN USE

NOMAD 4-DOOR STATION WAGON (MODEL 1893)
BROOKWOOD 4-DOOR STATION WAGON (MODEL 1693)
YEOMAN 2-DOOR AND 4-DOOR STATION WAGON (MODELS 1291-1293)

BODY INTERIOR DIMENSIONS - Continued

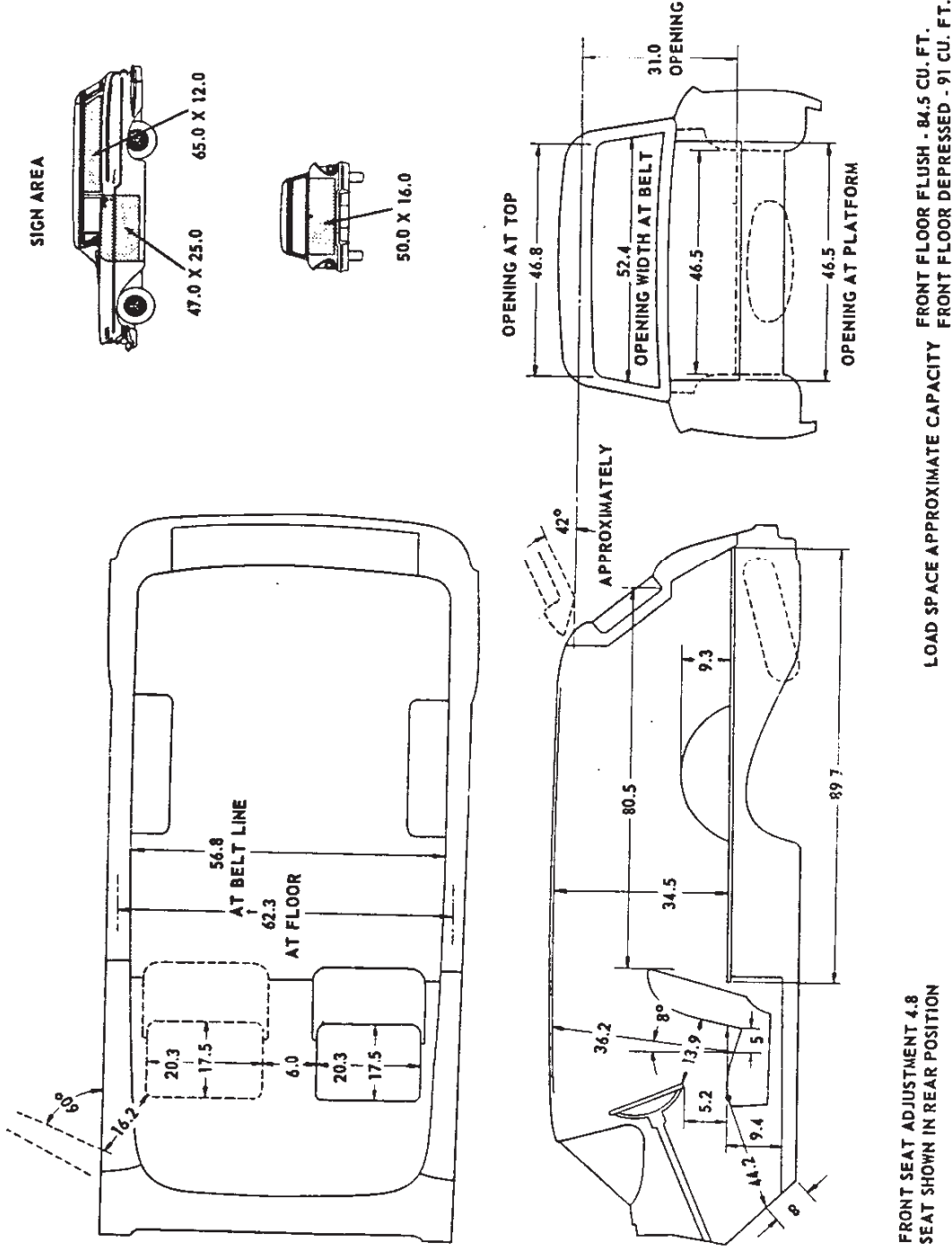


FRONT SEAT ADJUSTMENT 4.8
SEAT SHOWN IN REAR POSITION

CARGO SPACE APPROXIMATE CAPACITY 88 CU. FT. WITH CENTER SEAT FOLDED & REAR SEAT REMOVED
49 CU. FT. WITH REAR SEAT REMOVED

BROOKWOOD 4-DOOR STATION WAGON (MODELS 1594-1694)

BODY INTERIOR DIMENSIONS - Continued

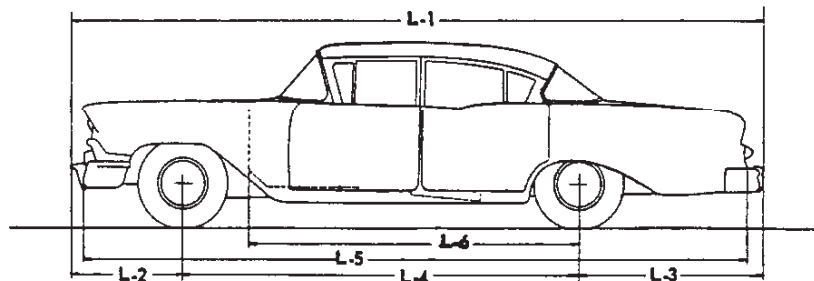


FRONT SEAT ADJUSTMENT 4.8
SEAT SHOWN IN REAR POSITION

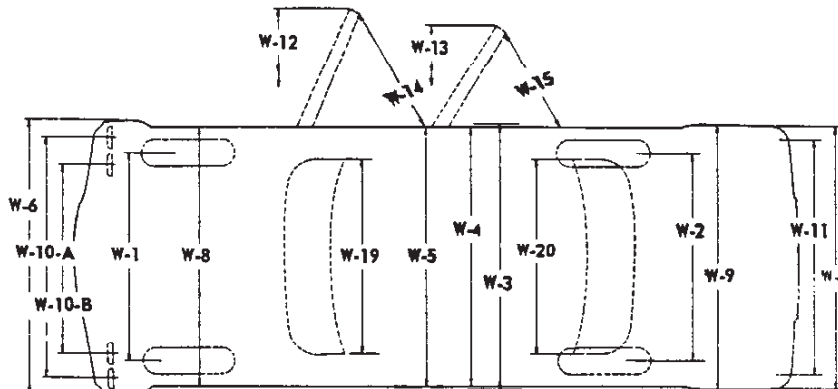
LOAD SPACE APPROXIMATE CAPACITY FRONT FLOOR FLUSH - 84.5 CU. FT.
FRONT FLOOR DEPRESSED - 91 CU. FT.

DELRAY SEDAN DELIVERY (MODELS 1171-1271)

EXTERIOR DIMENSIONS



Exterior Lengths		MODELS †								
		1249	1221	1839	1831	1847	1867	1271	1291	1293
		1649	1241							1693
		1849	1641							1694
			1841							1893
Dim.	Description									
L-1	Overall length	209.1								
L-2	Front overhang	35.8								
L-3	Rear overhang	55.8								
L-4	Wheelbase	117.5								
L-5	Length less bumpers	199.5								
L-6	Front of dash to C of rear wheels	99.5								



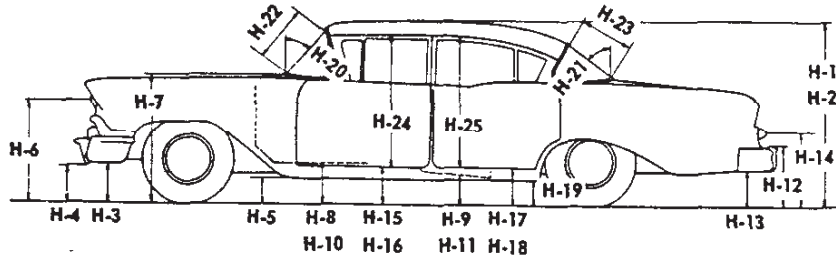
Exterior Widths		MODELS †								
		1249	1221	1839	1831	1847	1867	1271	1291	1293
		1649	1241							1693
		1849	1641							1694
			1841							1893
Dim.	Description									
W-1	Front tread	58.8								
W-2	Rear tread	58.8								
W-3	Overall width (vehicle)	77.7								
W-4	Body overall width less moldings	74.6								
W-5	Body overall width incl. moldings	74.9								
W-6	Front bumper width	77.7								
W-7	Rear bumper width	75.3								
W-8	Front fender overall width	74.0								
W-9	Rear fender overall width	73.1								
W-10A	Outer headlight centers width	62.5								
W-10B	Inner headlight centers width	49.9								
W-11	Outer tail light centers width	63.3								
W-12	Overall width-front doors open	142.8	157.5	142.8	157.5	157.9		157.5		141.4
W-13	Overall width-rear doors open	134.3		133.0						136.3
W-14	Front door swing out distance	36.7	43.2	36.6		43.2				36.7
W-15	Rear door swing out distance	32.4		28.8						32.4
W-16	Front door opening width at belt*	22.0	30.2	22.0		30.2				22.0
W-17	Front door opening width below belt*	34.5	43.0	34.5		43.0				34.5
W-18	Rear door opening width at belt*	31.5		31.5						31.5
W-19	Windshield DLO width				59.5	60.0		59.5		
W-20	Rear window DLO width				59.0	57.6	46.0	54.9		

† - V-8 models shown-corresponding 6 cyl. models identical.

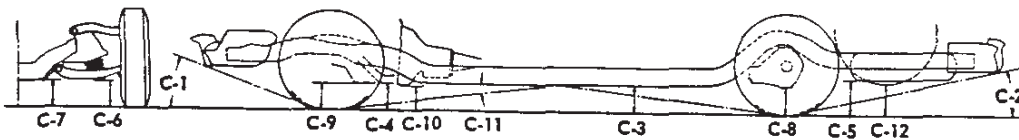
* - Not shown on layout.

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EXTERIOR DIMENSIONS - Continued



Exterior Heights	MODELS †									
	1249	1221	1839	1831	1847	1867	1271	1291	1293	
1649	1241								1693	
1849	1641								1694	
	1841								1893	
Dim.	Description									
H-1	Overall height-loaded				57.0	55.8	55.7	58.4	58.4	
H-2	Overall height-unloaded				59.1	58.1	58.4	60.6	60.6	
H-3	Bottom of front bumper to ground					10.6				
H-4	Bottom of front bumper guard to ground					10.1				
H-5	Bottom of front fender at rear to ground					8.0				
H-6	Center of headlight to ground					31.4				
H-7	Top of hood at rear to ground					39.5				
H-8	Step height-front-loaded					12.8				
H-9	Step height-rear -loaded				13.1	13.1				13.1
H-10	Step height-front-unloaded				14.9	15.3	15.5	15.0		
H-11	Step height-rear -unloaded				15.2	15.2				15.3
H-12	Top of rear bumper guard to ground					20.7				
H-13	Bottom of rear bumper to ground					12.0				
H-14	Tail light center to ground					24.2				
H-15	12.9	13.1	12.5	13.1	12.6		13.1		12.8	
H-16	11.5	11.5	11.5	11.5	11.0		11.5		11.5	
H-17	13.5		12.1						13.5	
H-18	11.5		11.4						11.5	
H-19	Body sill to ground					8.9				
H-20	Windshield slope angle				42.5°	45°		42.5°		
H-21	Rear window slope angle				53.8°	54.5°	56°	47.5°		
H-22	Windshield DLO slant height				18.2	17.6		18.2		
H-23	Rear window DLO slant height				17.2	18.1	16.8	15.8		
H-24	Front door opening height				38.3	36.7		38.7		
H-25	37.8		37.8						38.7	



Ground Clearances	MODELS †									
	1249	1221	1839	1831	1847	1867	1271	1291	1293	
1649	1241								1693	
1849	1641								1694	
	1841								1893	
Dim.	Description									
C-1	Angle of approach				18°50'					
C-2	Angle of departure				12°45'					
C-3	Frame to ground-minimum				7.0	6.9	7.0			
C-4	Exhaust system to ground-minimum					7.0				
C-5	Fuel tank to ground				9.2			12.3*		
C-6	Front suspension to ground					6.9				
C-7	Front suspension C/M to ground					6.8				
C-8	Rear axle to ground					7.3				
C-9	Oil pan to ground					7.0				
C-10	Flywheel housing to ground					7.0				
C-11	Ramp breakover angle				14°	13°		14°		
C-12	Tire well to ground				9.1	9.4	9.5	9.2		

† - 8 cylinder models shown; corresponding six cylinder models identical.

* - 8.8 on Model 1694

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P-14 - EXTERIOR DIMENSIONS

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

REGULAR PRODUCTION EQUIPMENT - EXTERIOR

	ITEM	MODELS	
Exterior	Front and rear bumpers with raised area for license plate	All	
	Grille screen of anodized aluminum		
	Grille frame (chrome)		
	Dual front parking and directional signal lamps		
	Four headlights		
	Dual tail lights	Station Wagons & Sedan Delivery	
	Four tail lights	All ex. Sta. Wgns., Sed. Del. & Impala	
	Four tail lights with dual back-up lights	Impalas	
	License light in rear bumper	All	
	Front fender crown ornaments	1700-1800	
	Hood medallion	All	
	Hood "V" emblem	1200-1600-1800	
	Dual windshield wipers (vacuum)	1100-1500-1700	
	Dual windshield wipers (electric)	1200-1600-1800	
	Dual horns	All	
	Push-button door handles, outside key locks below front door handles	1747-1767-1847-1867	
	Aluminum insert - body side molding	1500-1600-1700-1800 except Impalas	
	Aluminum insert - body side molding (2-tone exterior only)	1100-1200-1500-1600	
	Hub caps	1700-1800	
	Wheel disks	All	
	Series script on rear door or quarter panel	1700-1800 except 47 and 67	
	Crest on rear quarter panel	1747-1767-1847-1867	
	Crossed flags and figure on rear quarter panel	All	
	Chevrolet script on deck lid or tailgate	1100-1500-1700 except 1793	
	Deck lid or tailgate medallion	1200-1600-1800	
	Deck lid or tailgate "V" emblem	Station Wagons or Sedan Delivery	
	Liftgate or liftdoor handle	All	
	Bonderized body and sheet metal	All	
	Bright-metal molding	Windshield reveal	All
		Door upper frame scalp	1541-1549-1641-1649 1741-1749-1841-1849
		Rear window reveal	All except 1767-1867
		Windshield pillar	1700-1800
Rear fender edge		All	
Rear fender (windsplits)		1700-1800	
Front fender chevrons			
Body sash			
Body sill		1747-1767-1847-1867	
Body side, single		1100-1200	
Body side, double with insert area		1500-1600	
Body side, single with insert area		1700-1800	
Tailgate, vertical		1793-1893	
Roof front reveal		1731-1739-1831-1839-1793-1893	
Roof side reveal			
Drip molding		1593-1594-1693-1694 1700-1800 except 1767-1867	
Body belt reveal		1747-1767-1793-1847-1867-1893	
Rear sail area scalp		1731-1739-1741-1831-1839-1841	
Rear sail area edge		1549-1649-1749-1849	
Center pillar side		1739-1749-1839-1849	
Rear quarter air scoop		1747-1767-1847-1867	
Rear fixed vent window pillar		1149-1193-1249-1293-1549 1593-1594-1649-1693-1694 1749-1793-1849-1893	
Headlight door		All	
Outside rear view mirror on left door	1171-1271		

REGULAR PRODUCTION EQUIPMENT - INTERIOR

		ITEM	MODELS	
Interior	Instrument panel	Two-tone finish	1100-1200-1500-1600	
		Instrument cluster trim plate	All	
		Panel outer trim plates	1700-1800	
		Glove compartment	Automatic light Lock	1500-1600-1700-1800 All
		Ash tray		All
		Cigarette lighter		1500-1600-1700-1800
		Electric clock		1700-1800
		3-Position ignition, lock and starter switch		All
		Script "Chevrolet"		1100-1200
		Script "Biscayne"		1541-1549-1641-1649
		Script "Bel Air"		1731-1739-1741-1749 1831-1839-1841-1849
		Script "Impala"		1747-1767-1847-1867
		Script "Brookwood"		1593-1594-1693-1694
		Script "Nomad"		1793-1893
		Instrument panel upper trim molding		1500-1600-1700-1800
		Instrument panel lower trim molding		1500-1600
		Steering wheel	Deep hub, dual solid spokes	
	Deep hub, dual perforated spokes			1747-1767-1847-1867
	Full-circle horn ring			1500-1600-1700-1800
	Horn button			1100-1200
	Trademark in center housing			All except 1747-1767-1847-1867
	Crossed flags in center housing			1747-1767-1847-1867
	Sunshades	Dual		1500-1600-1700-1800
		Left hand only		1100-1200
	Dual ventilators in dash		All	
	Inside rear view mirror		All except 1171-1271	
	Foam rubber seat cushion padding, front and rear		1700-1800	
	Foam rubber seat cushion padding, front only		1500-1600	
	Foam plastic seat cushion padding, third seat		1594-1694	
	Armrests, front and rear doors or quarter panels		1500-1600-1700-1800	
	Armrest, rear seat center pop-up		1747-1847	
	Coat hooks		All except 1171-1271-1767-1867	
	Rear ash tray	In front seat back		1549-1593-1594-1649-1693-1694 1739-1749-1793-1839-1849-1893
		In rear armrests		1541-1641-1731-1741-1747 1767-1831-1841-1847-1867
	Interior lights	Single dome, center		All except 1747-1767-1847-1867
		Dual dome, side		1747-1847
		Dual in dash		1767-1867
	Automatic interior light switch, front doors only		1500-1600-1700-1800	
	Manual interior light switch integral with headlight switch (main switch)		All	
	Manual switch at dome light		All Station Wagons	
	Crank-type front ventipanes with bright-metal frames		All	
	Reflex in door armrest			
Bright-metal front seat end panels		1747-1767-1847-1867		
Bright-metal molding	Windshield upper garnish		1747-1767-1847-1867	
	Windshield side garnish			
	Front door trim pad		1700-1800	
	Rear door or quarter trim pad			
	Rear quarter sail area garnish		1731-1747-1831-1847	
	Side roof rail		1731-1739-1747-1831-1839-1847	
	Rear window upper and side garnish			
	Package shelf reveal		1747-1847	
	Rear speaker grille trim			
	Scuff molding on cowl kick pad, door and rear quarter		1747-1767-1847-1867	

OPTIONAL EQUIPMENT

NUMBER	ITEM	MODELS
101	Heater, Air Flow	All
103	Radio, Manual, and Antenna	All
104	Radio, Pushbutton, and Antenna	All
110	Air Conditioning Equipment	1200-1600-1800
116	Heater, Recirculating	All
216	Oil Bath Air Cleaner	Series 11-15-1700
220	Dual Exhausts	Series 12-16-1800
227	Heavy-Duty Clutch	All
237	Oil Filter	
241	Governor	Series 11-15-1700
263	Auxiliary Seat Equipment	1171-1271 only
283	8.00 x 14-4 Ply Blackwall Tires	All except 11-1291, 93; 15-1693, 94; 17-1867, 93
302	Turboglide Transmission	Series 12-16-1800
313	Powerglide Transmission	All
315	Overdrive Transmission	
320	Electric Windshield Wipers	Series 11-15-1700
324	Power Steering	All
325	45-Ampere Low Cut-In Generator	
330	Taxicab Equipment	11-1249 and 15-1649 only
338	35-Ampere Heavy-Duty Generator	All
345	Heavy-Duty Battery	
397	Power Seat	Series 15-16-17-1800
398	Tinted Glass	All
410	Four-Barrel Carburetor Equipment	Series 12-16-1800
412	Power Brakes	All
417	Engine Positive Ventilation	Series 11-15-1700
426	Power Windows	Series 15-16-17-1800
427	Instrument Panel Pad	All
465	7.50 x 14-4 Ply Whitewall Tires	All except 11-1291, 93; 15-1693, 94; 17-1867, 93
470	Folding Top Equipment	17-1867 only
482	Full Width Seat Equipment	1171-1271 only
573	Triple 2-Barrel Carburetor Equipment	Series 12-16-1800
576	348 Cubic Inch V-8	
578	Fuel Injection Equipment	
580	Air Suspension Equipment	
588	8.00 x 14-4 Ply Whitewall Tires	All
593	Heavy-Duty Rear Coil Springs	All
675	3.36-to-1 Limited Slip Rear Axle	All
676	3.55-to-1 Limited Slip Rear Axle	
678	4.11-to-1 Limited Slip Rear Axle	

DEALER-INSTALLED ACCESSORIES

ITEM		MODELS	
Air Conditioner	With heater ‡	All with V-8	
	Without heater		
Alarm	Parking brake	All	
Armrests	Front or rear	Delray and Yeoman only	
Ash Tray	Vacuum	All	
Autronic Eye	Automatic headlight dimmer		
Belt	Seat		
Brake	Vacuum power		
Cap	Gasoline tank filler locking		
Carrier	Hub (full disk)	All except Bel Air	
	Wheel (Continental-type)	All ex. Station Wagons and Sedan Del.	
	Luggage	Station Wagons only	
Clock	Electric	All except Bel Air	
Container	Litter	All	
Compass	Illuminated		
Cover	Accelerator pedal		
Dispenser	Tissue		
Deflector	Rain		
Exhaust Port	Rear fender	All	
Frame	License plate	Chrome	All without Continental Carrier
		Stainless steel	
Guard	Door edge	All	
Harness	Seat belt shoulder		
Heater and Defroster	Recirculating ‡		
	Air flow ‡		
Lamp	Ash tray		All except Impala
	Backing		
	Courtesy	All except Convertible	
	Glove compartment	Delray and Yeoman only	
	Luggage compartment	All ex. Station Wagons and Sedan Del.	
	Spot	Inside-operated	All
		Outside-operated	
Portable			
Under hood			
Lighter	Cigarette	Delray and Yeoman only	
Mat	Floor (Blue, Green, Turquoise, Gunmetal)	All	
Mirror	Inside (prismatic)		
	Outside		
	Visor vanity		
Molding	Body sill	All except Impala	
Ornament	Front fender crown	All except Bel Air	
	Hub cap (3-point)	All	
Radio	Manual * ‡	All	
	Push-button * ‡		
	Signal-seeking *		
	Antenna	Front (manual)	All ex. Station Wagons and Sedan Del.
		Rear (manual)	
	Rear (dummy)		
	Speaker (rear)		
Reflector	Reflex	All	
Screen	Radiator insect		
Shaver	Electric		
Shield	Door handle		
Sunshade	Right hand		
Tank	Windshield washer vacuum reserve	Delray and Yeoman only	
Tools	Contained in kit	All with push-button washers	
Viewer	Traffic light	All	
Washer	Windshield	Push-button	All with electric wipers
		Foot-operated	

* - Front antenna included. Also available with rear antenna on all models except Station Wagons and Sedan Delivery.

‡ - Also available as Factory Optional Accessory (FOA).

**EXTERIOR - INTERIOR COLOR COMBINATIONS
DELRAY SERIES
(Models 11-1221, 11-1241, 11-1249)**

EXTERIOR COLORS				Instrument panel upper and lower; garnish moldings; door lock knobs; glove box door lower; radio grille screen; direction signal and shift lever housing; steering wheel, steering jacket insert and cover.	Instrument panel center; glove box door upper; radio and clock cover plates.	Interior trim combinations
SINGLE #	TWO-COLOR					
	Roof and Upper Body	Lower Body	Wheels			
Onyx Black	Onyx Black	Arctic White	Onyx Black	Gunmetal	Silver	Gunmetal and Silver
Glen Green	Arctic White	Glen Green	Glen Green			
Forest Green	Forest Green	Glen Green	Glen Green			
Cashmere Blue	Arctic White	Cashmere Blue	Cashmere Blue			
Fathom Blue	Fathom Blue	Cashmere Blue	Fathom Blue			
Rio Red	Rio Red	Arctic White	Rio Red			
Colonial Cream	Colonial Cream	Arctic White	Colonial Cream			
Tropic Turquoise	Aegean Turq.	Tropic Turquoise	Tropic Turq.			
Aegean Turquoise	Aegean Turq.	Arctic White	Aegean Turq.			
Silver Blue (A)	Arctic White	Tropic Turquoise	Aegean Turq.			
Honey Beige						
Anniversary Gold	Anniversary Gold	Honey Beige	Anniversary Gold			
Sierra Gold	Arctic White	Sierra Gold	Sierra Gold			
Cay Coral	Cay Coral	Arctic White	Cay Coral			
Snowcrest White (A)	Silver Blue (A)	Snowcrest White (A)	Silver Blue (A)			

(A) - Acrylic

- Wheels painted body color

**EXTERIOR - INTERIOR COLOR COMBINATIONS
BISCAYNE SERIES
(Models 15-1641, 15-1649)**

EXTERIOR COLORS				Instrument panel upper and lower; garnish moldings; door lock knobs; glove box door lower; radio grille screen; direction signal and shift lever housing; steering wheel; steering jacket insert and cover.	Instrument panel center; glove box door upper; radio and clock cover plates.	Interior trim combinations
SINGLE A	TWO-COLOR					
	Roof and Lower Body	Pillars and Upper Body	Wheels			
Onyx Black	Arctic White	Onyx Black	Onyx Black	Gunmetal	Silver	Gunmetal, Silver and White
Rio Red	Arctic White	Rio Red	Rio Red			
Cay Coral	Arctic White	Cay Coral	Cay Coral			
Forest Green	Glen Green	Forest Green	Glen Green	Forest Green	Glen Green	3-Tone Green
Glen Green	Glen Green	Arctic White	Glen Green			
Colonial Cream	Arctic White	Colonial Cream	Colonial Cream			
Cashmere Blue	Cashmere Blue	Arctic White	Cashmere Blue	Fathom Blue	Silver Blue	3-Tone Blue
Fathom Blue	Cashmere Blue	Fathom Blue	Cashmere Blue			
Silver Blue (A)	Snowcrest White (A)	Silver Blue (A)	Silver Blue (A)			
Tropic Turquoise	Arctic White	Aegean Turq.	Aegean Turq.	Aegean Turquoise	Tropic Turquoise	3-Tone Turquoise
Aegean Turquoise	Tropic Turquoise	Arctic White	Tropic Turq.			
Snowcrest White (A)	Tropic Turquoise	Aegean Turq.	Tropic Turq.			
Anniversary Gold				Anniversary Gold	Honey Beige	Beige and Gold
Sierra Gold	Sierra Gold	Arctic White	Sierra Gold			
Honey Beige	Honey Beige	Anniversary Gold	Anniversary Gold			

(A) - Acrylic

A - Wheels painted body color

**EXTERIOR - INTERIOR COLOR COMBINATIONS
BEL AIR SERIES AND NOMAD STATION WAGON
(Except Impala Models)**

EXTERIOR COLORS &			Instrument panel upper and lower; garnish moldings; door lock knobs; glove box door lower; radio grille screen; heater and ash tray face plate; direction signal and shift lever housing; steering jacket insert and cover; steering wheel.	Instrument panel center; glove box door upper; radio cover plates.	Interior trim combination
SINGLE	TWO-COLORS				
	Roof and Upper Body	Lower Body Color			
Onyx Black	Onyx Black	Arctic White	Gunmetal	Bright Metal	Gunmetal, Silver and White
Rio Red	Rio Red	Arctic White			
Snowcrest White (A)					
Glen Green	Arctic White	Glen Green	Forest Green	Bright Metal	3-Tone Green
Forest Green	Forest Green	Glen Green			
Colonial Cream	Colonial Cream	Arctic White			
Cashmere Blue	Arctic White	Cashmere Blue	Fathom Blue	Bright Metal	3-Tone Blue
Fathom Blue	Fathom Blue	Cashmere Blue			
Silver Blue (A)	Silver Blue (A)	Snowcrest White (A)			
Tropic Turquoise	Aegean Turquoise	Arctic White	Aegean Turquoise	Bright Metal	3-Tone Turquoise
Aegean Turquoise	Aegean Turquoise	Tropic Turquoise			
	Arctic White	Tropic Turquoise			
Sierra Gold	Arctic White	Sierra Gold	Anniversary Gold	Bright Metal	Beige and Gold
Honey Beige	Anniversary Gold	Honey Beige			
Anniversary Gold					
Cay Coral	Cay Coral	Arctic White	Dark Coral	Bright Metal	3-Tone Coral

(A) - Acrylic

& - All wheels painted Silver

**EXTERIOR - INTERIOR COLOR COMBINATIONS
BEL AIR SERIES
IMPALA MODELS**

EXTERIOR COLORS &			Instrument panel upper and lower; garnish moldings; door lock knobs; glove box door lower; radio grille screen; package shelf *; direction signal and shift lever housing; steering wheel sides R; steering jacket insert and cover; heater cover plate; ash tray face plate	Instrument panel center; glove box door upper; seat end panels; radio cover plate.	Interior trim combinations
SINGLE	TWO-COLOR *				
		Roof Color	Body Color		
Onyx Black	Arctic White	Onyx Black	Onyx Black	Bright Metal	Black, Silver and Turquoise
Glen Green	Arctic White	Glen Green	Forest Green	Bright Metal	3-Tone Green
Forest Green	Glen Green	Forest Green			
Colonial Cream	Arctic White	Colonial Cream			
Cashmere Blue	Arctic White	Cashmere Blue	Fathom Blue	Bright Metal	3-Tone Blue
Fathom Blue	Cashmere Blue	Fathom Blue			
Silver Blue (A)	Snowcrest White (A)	Silver Blue (A)			
Aegean Turquoise	Arctic White	Aegean Turquoise	Aegean Turquoise	Bright Metal	3-Tone Turquoise
Tropic Turquoise	Tropic Turquoise	Aegean Turquoise			
	Arctic White	Tropic Turquoise			
Snowcrest White (A)*					
Snowcrest White (A)†			Rio Red	Bright Metal	Red, Silver and Black
Anniversary Gold	Anniversary Gold	Honey Beige	Anniversary Gold	Bright Metal	Beige, Gold and Copper
Sierra Gold	Arctic White	Sierra Gold			
Honey Beige					
Rio Red	Arctic White	Rio Red	Rio Red	Bright Metal	Red, Silver and Black
Cay Coral	Arctic White	Cay Coral	Dark Coral	Bright Metal	3-Tone Coral

(A) - Acrylic

* - Impala Sport Coupe only

† - Impala Convertible only

R - Upper and lower areas of steering wheel painted Silver

& - All wheels painted Silver

**EXTERIOR - INTERIOR COLOR COMBINATIONS
STATION WAGON SERIES
(Models 11-1291, 11-1293)***

EXTERIOR COLORS				Instrument panel upper and lower; garnish moldings; door lock knobs; glove box door lower; radio grille screen; direction signal and shift lever housing; steering jacket insert and cover.	Instrument panel center; glove box door upper; radio and clock cover plates.	Interior trim combinations
SINGLE R	TWO-COLOR					
	Roof and Upper Body	Lower Body	Wheels			
Onyx Black	Onyx Black	Arctic White	Onyx Black	Gunmetal	Silver	Gunmetal and Silver
Glen Green	Arctic White	Glen Green	Glen Green			
Cashmere Blue	Arctic White	Cashmere Blue	Cashmere Blue			
Tropic Turquoise	Arctic White	Tropic Turquoise	Tropic Turq.			
Aegean Turquoise	Aegean Turq.	Arctic White	Aegean Turq.			
Rio Red	Rio Red	Arctic White	Rio Red			
Colonial Cream	Colonial Cream	Arctic White	Colonial Cream			
Silver Blue (A)	Silver Blue (A)	Snowcrest White (A)	Silver Blue (A)			
Cay Coral	Cay Coral	Arctic White	Cay Coral			
Forest Green	Forest Green	Glen Green	Glen Green			
Fathom Blue	Fathom Blue	Cashmere Blue	Fathom Blue			
Anniversary Gold	Anniversary Gold	Honey Beige	Anniversary Gold			
Sierra Gold	Arctic White	Sierra Gold	Sierra Gold			
Snowcrest White (A)						
Honey Beige						
	Aegean Turq.	Tropic Turquoise	Aegean Turq.			

(A) - Acrylic

R - Wheels painted body color

* - See Bel Air Series for Models 17-1893

**EXTERIOR , INTERIOR COLOR COMBINATIONS
STATION WAGON SERIES
(Models 15-1693, 15-1694)***

EXTERIOR COLORS				Instrument panel upper and lower; garnish moldings; door lock knobs; glove box door lower; radio grille screen; direction signal and shift lever housing; steering wheel; steering jacket insert and cover.	Instrument panel center; glove box door upper; radio and clock cover plates.	Interior trim combinations
SINGLE R	TWO-COLOR					
	Roof and Lower Body	Pillars and Upper Body	Wheels			
Onyx Black	Arctic White	Onyx Black	Onyx Black	Gunmetal	Silver	Gunmetal, Silver and White
Glen Green	Glen Green	Arctic White	Glen Green			
Cashmere Blue	Cashmere Blue	Arctic White	Cashmere Blue			
Rio Red	Arctic White	Rio Red	Rio Red			
Colonial Cream	Arctic White	Colonial Cream	Colonial Cream			
Silver Blue (A)	Snowcrest White (A)	Silver Blue (A)	Silver Blue (A)			
Cay Coral	Arctic White	Cay Coral	Cay Coral			
Tropic Turquoise	Tropic Turquoise	Aegean Turq.	Tropic Turq.	Aegean Turquoise	Tropic Turquoise	3-Tone Turquoise
Snowcrest White (A)	Tropic Turquoise	Arctic White	Tropic Turq.			
Aegean Turquoise	Arctic White	Aegean Turq.	Aegean Turq.			
Forest Green	Glen Green	Forest Green	Glen Green	Anniversary Gold	Honey Beige	Beige and Gold
Fathom Blue	Cashmere Blue	Fathom Blue	Cashmere Blue			
Anniversary Gold						
Sierra Gold	Sierra Gold	Arctic White	Sierra Gold			
Honey Beige	Honey Beige	Anniversary Gold	Anniversary Gold			

(A) - Acrylic

* - See Bel Air Series for Models 17-1893

R - Wheels painted body color

**INTERIOR COLORS AND FABRICS
11-1200 SERIES SEDANS**

AREA		MATERIAL	TRIM COMBINATION
Seats	Cushion	Pattern Cloth	Gunmetal
	Backrest		
	Cushion and Backrest Facing	Leather Grain Vinyl	Silver
	Backrest Bolster		
	Front Seat Side Facings		
	Front Seat Back		Upper Area
Lower Area			
Lower Cross Bar			
Sidewalls	Upper Area	Leather Grain Vinyl	Gunmetal
	Scuff Area		
	Center Area		Silver
Cowl Side Kick Panels		Composition Board	Gunmetal
Headlining		Plain Napped Cloth	Light Gray
Sunshades	Covering	Leather Grain Vinyl	
	Binding		
Floor Covering	Front	Rubber	Black
	Rear		
Load Space *	Sidewalls	Composition Board	Gunmetal
	Wheelhouse and Rear Wall	Textured Paint	

* - Utility Sedan only

**INTERIOR COLORS AND FABRICS
15-1600 SERIES SEDANS**

AREA		MATERIAL	TRIM COMBINATIONS				
			Gun-metal, Silver White	Three-Tone Green	Three-Tone Blue	Three-Tone Turquoise	Beige and Gold
Seats	Cushion	Pattern Cloth	Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Medium Gold
	Backrest		Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Medium Gold
	Cushion Facings	Leather Grain Vinyl	Silver	Light Green	Light Blue	Light Turquoise	Beige
	Backrest Bolster		Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Medium Gold
	Bolster Insert and Facing		Silver	Light Green	Light Blue	Light Turquoise	Beige
	Front Upper Area		Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Medium Gold
	Seat Lower Area		Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Medium Gold
	Back Lower Cross Bar						
Front Seat Side Facings	Silver	Lt. Green	Lt. Blue	Lt. Turq.	Beige		
Sidewalls	Forward Area	Composition Board	Silver	Dark Green	Dark Blue	Dark Turquoise	Medium Gold
	Ribbed Area			Medium Green	Medium Blue	Medium Turquoise	Medium Gold
	Armrest Insert Area		Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Medium Gold
	Scuff Area						
Cowl Side Kick Panels		Plain Napped Cloth	Light Gray	Light Green	Light Blue	Light Turquoise	Beige
Sunshade	Covering	Leather Grain Vinyl	Silver	Dark Green	Dark Blue	Dark Turquoise	Medium Gold
	Binding						
Armrests	Upper	Plastic	Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Dark Gold
	Lower						
Floor Covering		Vinyl Coated Rubber	Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Medium Gold
Package Shelf		Composition Board					

**INTERIOR COLORS AND FABRICS
17-1800 SERIES SEDANS, SPORT SEDAN, AND SPORT COUPE ***

AREA		MATERIAL	TRIM COMBINATIONS											
			Gun-metal, Silver, White	Three-Tone Green	Three-Tone Blue	Three-Tone Turquoise	Beige and Gold	Three-Tone Coral						
Seats	Cushion	Pattern Cloth	Silver	Medium Green	Medium Blue	Medium Turquoise	Medium Gold	Medium Coral						
	Backrest													
	Cushion Facing													
	Backrest Bolster	Leather Grain Vinyl	Gun-metal	Light Green	Light Blue	Light Turquoise	Beige	Light Coral						
	Bolster Insert and Front Seat Side Insert													
	Bolster Facing													
	Front Seat								Upper Area	Medium Green	Medium Blue	Medium Turquoise	Medium Gold	Medium Coral
									Lower Area					
	Back Seat								Lower Cross Bar	Medium Gold	Medium Coral			
Front Seat Side Facings														
Sidewalls	Ribbed Area	Leather Grain Vinyl	Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Medium Gold	Medium Coral						
	Armrest Insert Area													
	Balance of Area													
	Scuff Pad													
Cowl Side Kick Panels		Composition Board	Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Medium Gold	Medium Coral						
Headlining		Textured Vinyl †	Silver **	Light Green	Light Blue	Light Turquoise	Beige		Light Coral					
Sunshade Covering		Leather Grain Vinyl	White	Green	Blue	Turquoise								
Armrests	Upper													
	Lower	Plastic	Silver	Dark Green	Dark Blue	Dark Turquoise	Medium Gold	Dark Coral						
Floor Covering		Carpet	Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Dark Gold							
Package Shelf		Composition Board	Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Medium Gold							

* - Except Impala Sport Coupe
† - Headlining cloth on 2 and 4-Door Sedans

**INTERIOR COLORS AND FABRICS
17-1800 SERIES IMPALA SPORT COUPE AND CONVERTIBLE**

AREA		MATERIAL	TRIM COMBINATIONS						
			Black, Silver, Turquoise	Three- Tone Green	Three- Tone Blue	Beige, Gold, Copper	Red, Silver, Black	Three- Tone Coral	
Seats	Cushion and Backrest	Tri-Colored ‡ Pattern Cloth	Silver, Black, Lt. Turq.	Lt. Gray, Dk. Green, Lt. Green	Lt. Gray, Dk. Blue, Lt. Blue	Beige, Copper, Med. Gold	Lt. Gray, Black, Red	Lt., Med., Dark Coral	
	Cushion and Backrest Facing	Leather Grain Vinyl	Black *	Med. Green	Med. Blue	Med. Gold	Red	Med. Coral	
	Front Seat	Upper Area	Tri-Colored ‡ Pattern Cloth	Same as Cushion and Backrest					
		Lower Area	Leather Grain	Black *	Med. Green	Med. Blue	Med. Gold	Red	Med. Coral
		Lower Cross Bar	Vinyl						
Front Seat End Panels	Bright Metal	-	-	-	-	-	-		
Side- walls	Outer Area and Scuff Pad	Leather Grain	Black *	Med. Green	Med. Blue	Med. Gold	Red	Med. Coral	
	Secondary Area	Vinyl	Silver	Lt. Green	Lt. Blue	Beige	Silver	Lt. Coral	
	Center Area	Anodized Aluminum	Med. Turq.	Med. Green	Med. Blue	Copper	Red	Med. Coral	
Cowl Side Kick Panel	Composition Board	Black *	Med. Gold						
Head- lining *	Upper Roof	Perf. Vinyl	Silver	Lt. Green	Lt. Blue	Beige	Silver	Lt. Coral	
	Sail Area	Textured	Black *	Med. Green	Med. Blue	Med. Gold	Red	Med. Coral	
Sunshades and Binding	Vinyl	Silver	Silver	Silver	Beige	Silver			
Arm- rests	Upper and Lower	Leather Grain Vinyl	Black	Dk. Green	Dk. Blue	Med. Gold	Black	Dk. Coral	
Floor Covering		Carpet	Lt. Gray *	Med. Green	Med. Blue	Dk. Gold	Red	Dk. Coral	
Package Shelf (Sport Coupe)		Painted Metal	-	-	-	-	-	-	
Dust Boot	(Convertible)	Textured	Black *	Med. Green	Med. Blue	Med. Gold	Red	Med. Coral	
Folding Top Well		Vinyl							

* - Medium Turquoise used in second combination.

‡ - Leather Grain Vinyl on Convertible.

**INTERIOR COLORS AND FABRICS
11-1200 SERIES STATION WAGONS**

AREA		MATERIAL	TRIM COMBINATIONS		
			Gunmetal and Silver	Beige and Gold	
Seats	Cushion	Pattern Vinyl	Gunmetal	Medium Gold	
	Backrest				
	Backrest Bolster	Leather Grain Vinyl	Silver	Beige	
	Cushion and Backrest Facings				
	Front Seat Side Facings				
	Front		Upper Area	Gunmetal	Medium Gold
	Seat		Lower Area		
Back	Lower Cross Bar				
Sidewalls	Upper Area	Leather Grain Vinyl	Gunmetal	Medium Gold	
	Scuff Pad				
	Center Area				Silver
Cowl Side Kick Panels		Composition Board	Gunmetal	Medium Gold	
Headlining		Textured Vinyl	Silver	Beige	
Sunshades	Covering				
	Binding				
Floor Covering	Front	Vinyl Coated Rubber	Gunmetal	Dark Gold	
	Center				
	Load Space *				Ribbed Linoleum
Wheelhouse Cover Panels		Textured Vinyl		Medium Gold	

* - Also includes rear seat backrest, bottom of cushion, and tailgate.

INTERIOR COLORS AND FABRICS 15-1600 SERIES STATION WAGONS

AREA		MATERIAL	TRIM COMBINATIONS			
			Gunmetal and Silver	Three-Tone Turquoise	Beige and Gold	
Seats	Cushion	Pattern Cloth	Gunmetal	Medium Turquoise	Medium Gold	
	Backrest		Gunmetal	Medium Turquoise	Medium Gold	
	Cushion Facings	Leather Grain Vinyl	Silver	Light Turquoise	Beige	
	Backrest Bolster		Gunmetal	Medium Turquoise	Medium Gold	
	Bolster Insert and Facing		Silver	Light Turquoise	Beige	
	Front Seat		Upper Area	Gunmetal	Medium Turquoise	Medium Gold
			Lower Area	Silver		
	Back Seat		Lower Cross Bar	Gunmetal	Medium Turquoise	Medium Gold
Front Seat Side Facings			Silver			
Sidewalls	Forward Area		Leather Grain Vinyl	Silver	Light Turquoise	Beige
	Ribbed Area					
	Armrest Insert Area	Gunmetal		Dark Turquoise	Medium Gold	
	Scuff Area	Gunmetal		Medium Turquoise	Medium Gold	
Cowl Side Kick Panels		Composition Board				
Headlining		Textured Vinyl		Silver	Light Turquoise	Beige
Sunshade	Covering					
	Binding	Leather Grain Vinyl		Gunmetal	Medium Turquoise	Dark Gold
Armrests	Upper		Dark Turquoise			
	Lower	Plastic				
Floor Covering	Front and Center	Vinyl Coated Rubber	Gunmetal			
	Load Space *	Linoleum				
Wheelhouse Cover Panels		Textured Vinyl				Medium Gold

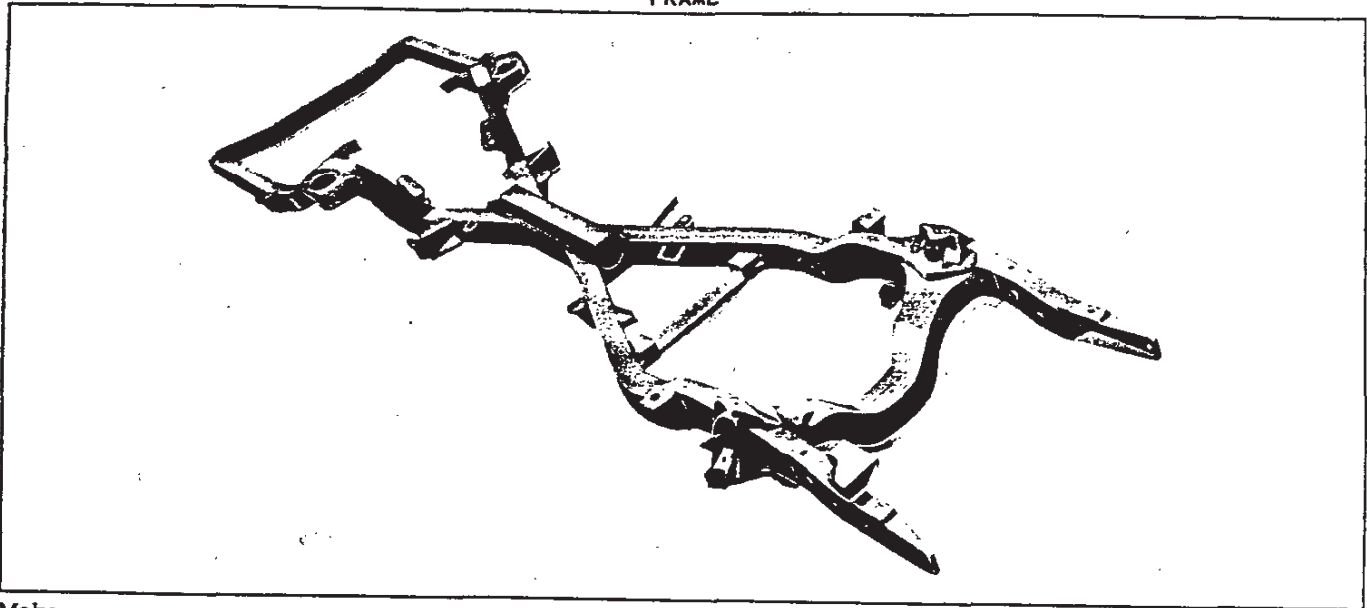
* - Also includes rear seat backrest, bottom of cushion, and tailgate.

INTERIOR COLORS AND FABRICS 17-1800 SERIES STATION WAGONS

AREA			MATERIAL	TRIM COMBINATIONS					
				Gun-metal, Silver, White	Three-Tone Green	Three-Tone Blue	Three-Tone Turquoise	Beige and Gold	Three-Tone Coral
Seats	Cushion		Pattern Cloth	Silver	Medium Green	Medium Blue	Medium Turquoise	Medium Gold	Medium Coral
	Backrest								
	Cushion Facings		Leather Grain Vinyl	Gun-metal	Light Green	Light Blue	Light Turquoise	Beige	Light Coral
	Backrest Bolster								
	Bolster Insert			Silver	Medium Green	Medium Blue	Medium Turquoise	Medium Gold	Medium Coral
	Bolster Insert Facings								
	Front Seat	Upper Area		Gun-metal	Light Green	Light Blue	Light Turquoise	Beige	Light Coral
		Lower Area							
		Lower Cross Bar							
	Front Seat Side Facing			Silver	Medium Green	Medium Blue	Medium Turquoise	Medium Gold	Medium Coral
Sidewalls	Ribbed Area			Gun metal	Green	Blue	Turquoise	Gold	Coral
	Armrest Insert Area			Silver	Dark Green	Dark Blue	Dark Turquoise	Medium Gold	Dark Coral
	Balance of Area		White	Light Green	Light Blue	Light Turquoise	Beige	Light Coral	
	Scuff Area		Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Medium Gold	Medium Coral	
Cowl Side Kick Panel			Composition Board	Gun-metal	Green	Blue	Turquoise	Gold	Coral
Headlining			Textured Vinyl	Silver	Light Green	Light Blue	Light Turquoise	Beige	Light Coral
Sunshade	Covering								
	Binding								
Armrests	Upper	Plastic	Gun-metal	Dark Green	Dark Blue	Dark Turquoise	Medium Gold	Dark Coral	
	Lower								
Floor Covering	Front and Center	Carpet	Gun-metal	Medium Green	Medium Blue	Medium Turquoise	Dark Gold	Coral	
	Load Space *	Linoleum							
Wheelhouse Cover Panels			Leather Grain Vinyl	Gun-metal	Green	Blue	Turquoise	Medium Gold	Medium Coral

* - Also includes back of rear seat, backrest, bottom of cushion, and tailgate.

FRAME



Make ----- Various
 Type ----- X-design
 Material ----- Hot rolled, pickled steel
 Material yield point ----- 33000 lb./sq.in.
 Material elongation ----- 25% minimum in 2 inches

Body mounting points:
 All ----- 12
 Maximum overall length ----- 192.78
 maximum width (over side members at rear cross member) ----- 47.50
 Convertible frame: -----
 ----- Steel plates welded to top and bottom of side member and center beam.

Side member section:
 Modulus (in³) ----- 1.90
 Moment of inertia ----- 4.27

FRONT SUSPENSION

Make ----- Own
 Type ----- Independent, combining long and short -- control arms with spherical joints and coil springs

SPRING BUMPERS

Material and number ----- Rubber, 1 each RH & LH
 Location ----- On top side of lower control arm

WHEEL TRAVEL

Vertical, loaded conditions (2/3 compression) full bump metal to metal ----- 3.90 up, 4.54 down
 Inside wheel travel for steering ----- 37° from neutral to stop
 Wheel to spring ratio ----- 1.9

SHOCK ABSORBERS

Make ----- Delco
 Type ----- Direct, double acting hydraulic
 Mounting ----- Vertically from lower control arm through coil spring to front suspension cross member.

Model number ----- 506G - 52A
 ----- 506G - 63A
 Valve code ----- C4J8-8/OXJ
 ----- C3.75J8-8-6/OXJ
 Piston diameter and travel ----- 1.00; 4.9375

SPRINGS

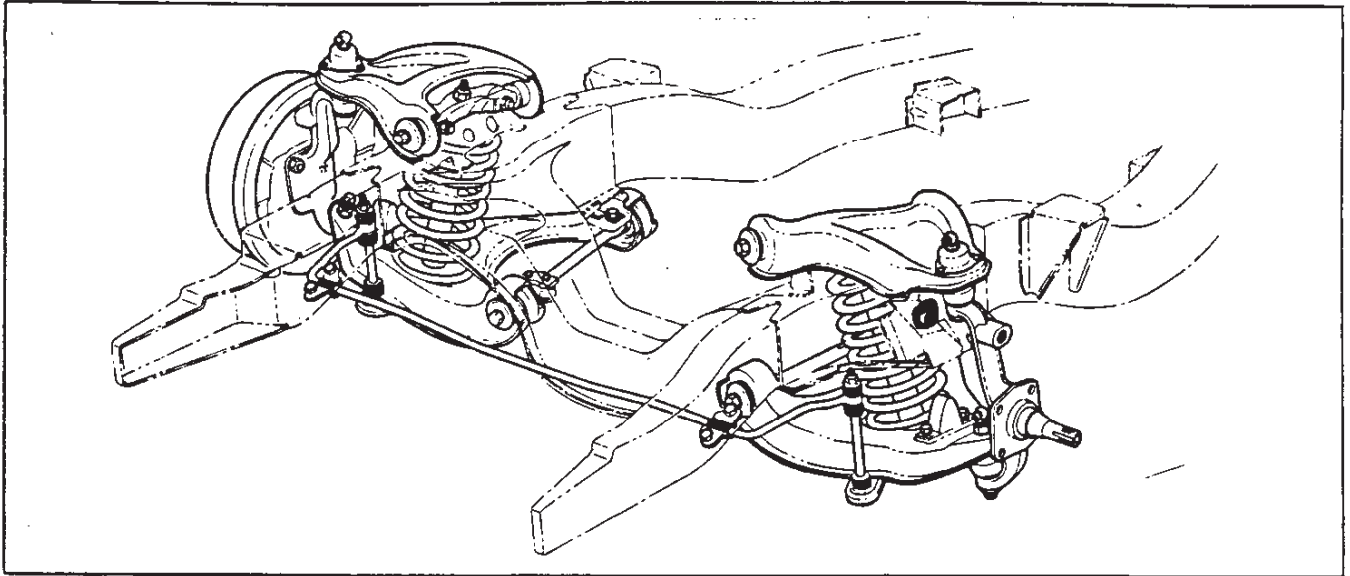
Part Number	3741495	3741496	3741497	3746850	3746852	3746853	3746854	3746855	3752906	3752908	
Make and type	Own, right hand helix										
Material	High alloy steel										
Gauge (mean)	.632			.662			.686		.662		
Number of coils	10.2 total, 8.67 active			9.12 total, 7.67 active							
Outside diameter	5.066			5.126			5.174		5.126		
Pitch diameter	4.434			4.464			4.488		4.464		
Height	Free	16.13	16.72	17.00	14.70	15.15	15.35	14.60	14.85	15.57	15.85
	Working	10.17@ 1640#	10.17@ 1800#	10.17@ 1880#	10.17@ 1680#	10.17@ 1840#	10.17@ 1920#	10.17@ 1860#	10.17@ 1960#	10.17@ 2000#	10.17@ 2100#
Height under curb weight	10.61	10.71	11.13	10.57	10.88	10.93	10.69	10.93	10.85	11.12	
Capacity at ground	880	965	1000	900	985	1025	1000	1050	1180	1235	
Deflection Rate	At spring	275 lb/in.			370 lb/in.			420 lb/in.		370 lb/in.	
	At wheel	100 lb/in.			120 lb/in.			130 lb/in.		120 lb/in.	

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P-32 - FRAME AND FRONT SUSPENSION

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

FRONT SUSPENSION - Continued



Steering Knuckle:

Type -----Forged steel with integral brake cylinder mounting, detachable steering arms.
 Spindle Diameters:
 At inner bearing ----- 1.2490-1.2495
 At outer bearing ----- .7490-.7495

Bushings:

Type and number ----- Pre-loaded rubber; 8 (2 each pivot shaft, left hand and right hand).
 Material ----- Steel encased rubber
 Size
 Upper control arm pivot shaft -----
 ----- .670-.677 x 1.76 approximately
 Lower control arm pivot shaft -----
 ----- .737-.744 x 2.08 approximately

Spherical Joints:

Type ----- Ball stud and socket in assembly, self adjusting for wear.
 Number ----- 1 each, upper and lower; LH & RH
 Ball Stud:
 Material ----- Hot rolled steel hardened and ground
 Bearings ----- Non-metallic; molded, phenolic impregnated fabric.
 Seal ----- Reinforced rubber

Socket:

Type and material ----- Two cup-shaped steel stampings bonded by grease-tight weld. The upper socket assembly has rubber type loading ring to compensate for wear.

Lubrication -----Through high pressure fitting at top of each socket.

Wheel Bearings:

Wheel bearing lubricant --- High melting point grease
 Anti-friction bearing ----- See bearing chart

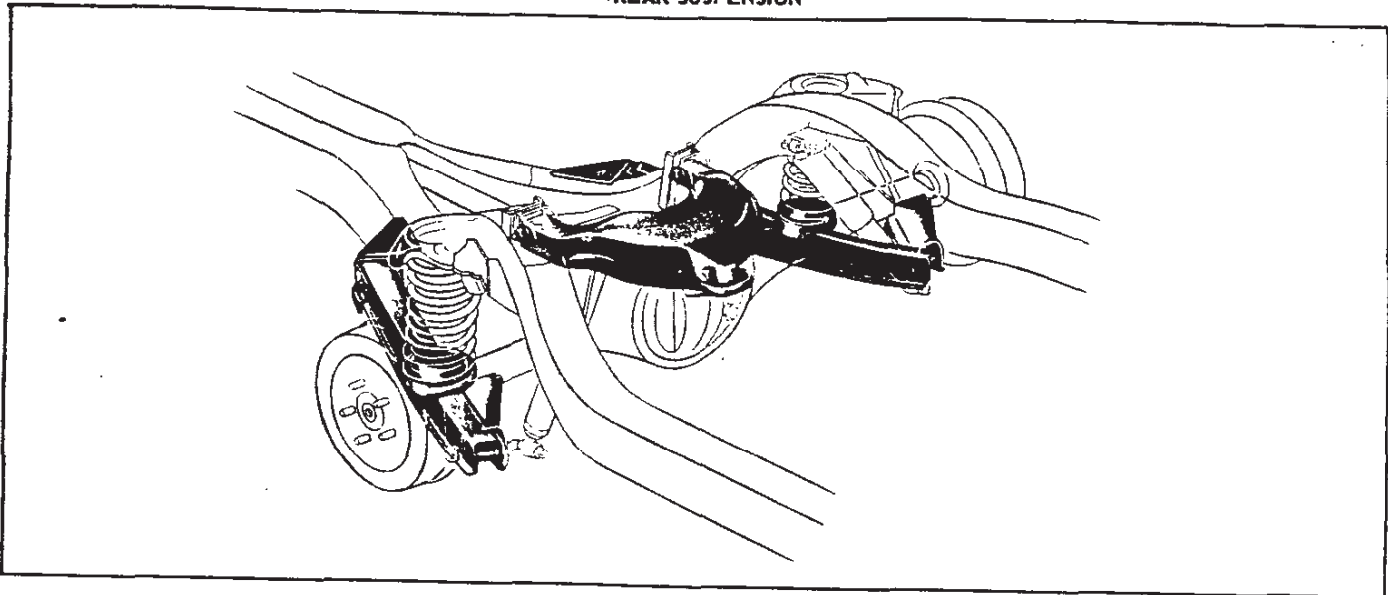
Front Wheel Alignment (service data):

Camber ----- 0° to 1°
 Caster ----- 0°+1/2°
 Steering axis inclination ----- 7°45'±30'
 Toe-in ----- 1/8 to 1/4
 Toe-out on turns:
 Outside wheel -----18°20'
 Inside wheel ----- 20°

Stabilizer Shaft (V-8 only):

Type ----- Link
 Diameter ----- 0.625
 Bushings ----- Rubber; 10 (1 each at frame side rail and 4 each left hand and right hand at link attachment).

REAR SUSPENSION



Make ----- Own
 Type ----- Four-link with 1 upper control arm and 2 lower control arms and coil springs.
 Mounting (control arms) -----
 Upper ----- Anchored to frame brackets at forward end; converge to single point mounting on axle housing banjo.
 Lower ----- Attached to frame brackets at forward end; to axle housing brackets at their opposite ends.

WHEEL TRAVEL

Vertical, loaded conditions (2/3 compression) full bump metal to metal ----- 4.32 up, 5.56 down
 Wheel to spring ratio ----- 1.6

SUSPENSION BUMPERS

Material and number ----- Rubber, 1 each RH & LH
 Location ----- On underside of frame at top of kick-up

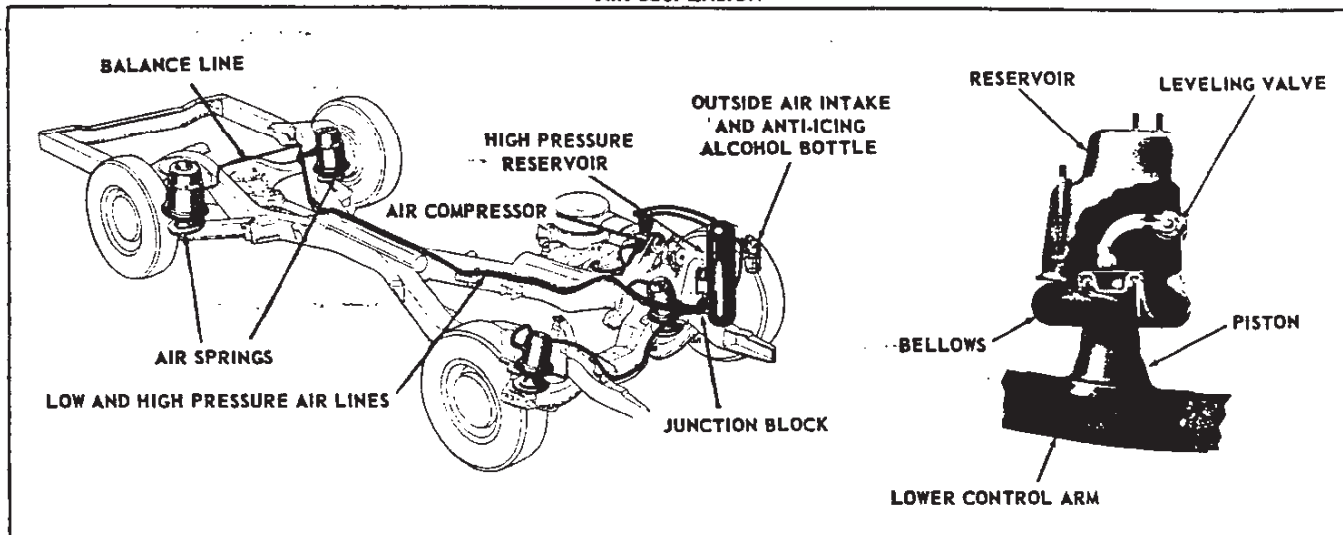
SPRINGS

Part Number	3752910	3744361	3754513	3744362	3754256	3744364	
Make and type	Own, right hand helix						
Material	High alloy steel						
Gauge (mean)	.584	.587	.612	.628	.662		
Number of coils	10.3 total; 8.8 active	9.3 total; 7.8 active					
Outside diameter	4.795	4.812	4.862	4.894	4.962		
Pitch diameter	4.211	4.225	4.250	4.266	4.300		
Height	Free	16.16	16.13	15.38	15.63	16.63	15.13
	Working	10.17@ 1500#	10.17@ 1500#	10.17@ 1350#	10.17@ 1620#	10.17@ 1840#	10.17@ 2000#
Height under curb weight	11.81	11.71	10.90	11.27	12.33	11.65	
Capacity at ground	1055	1000	1055	1060	1095	1350	
Deflection Rate	At spring	230 lb/in	265 lb/in	310 lb/in	340 lb/in	450 lb/in	
	At wheel	125 lb/in	140 lb/in	165 lb/in	180 lb/in	240 lb/in	

SHOCK ABSORBERS

Make ----- Delco
 Type ----- Direct, double acting hydraulic
 Mounting ----- Short cantilever brackets welded to frame side member at upper end and rear spring anchor plate at lower end.
 Model number ----- 503W - 53A
 ----- 503W - 64A
 Valve code ----- C4.25C8/OXJ
 ----- C3.75E8-8/OXJ
 Piston diameter and travel ----- 1.00; 8.4375

AIR SUSPENSION



Make ----- Chevrolet
Type and description ----- Level Air, with air springs at each wheel. Air supply system consisting of an engine driven air compressor, high pressure accumulator, junction block, anti-icing bottle integral with make up air intake and 3 leveling valves.

Air springs:

Reservoir;
Material ----- Stamped sheet steel
Number ----- One each wheel
Location ----- On brackets welded to frame side members with lower ends covered with fabric-reinforced rubber bellows.

Leveling valves:

Orifice diameters;
 Right & left front reservoir, inlet & exhaust -- .020
 Left rear reservoir, inlet -- .031; exhaust -- .042
 Balance line orifice ----- .020
 Dead band (design) ----- +3/8

Piston:

Material ----- Hot rolled steel
Number ----- One each wheel
Location ----- Welded to suspension lower control arms.

Bellows:

Material ----- Fabric reinforced rubber
Number ----- One each wheel
Maximum diameter ----- 7.350
Diameter at bead ----- 6.208

Air compressor:

Type ----- Air cooled, single cylinder, reciprocating
Capacity -- ----- 800-1400 cu. in. /min. @ 1250 RPM
 ----- 1350-2400 cu. in. /min. @ 2500 RPM
Max. pressure ----- Relief valve set at 220-250 PSI
Pulley ratio to engine ----- 1.25:1
Pulley size ----- 3/8 40°V-belt

High pressure accumulator:

Size ----- 19.18 high, 5.38 dia., 360 cu. in. capacity
Operating pressure ----- 220-250 PSI
Minimum burst pressure ----- 1000 PSI
Location ----- Inside left hand radiator support filler panel

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CHEVROLET 1958 SPECIFICATIONS - PASSENGER

Junction block:

Function ----- Combines into one assembly, separate manifold functions for high & low pressure systems, all relief valves, and a manual low pressure shut-off valve for special purposes.

High pressure relief ----- 220-250 PSI
Low pressure relief ----- 20-25 PSI
 with manual valve closed ----- 140-165 PSI
Location ----- Top of left hand frame side member behind radiator support filler panel.

Air supply system pressures:

High pressure to air springs ----- 220-250 PSI
Low pressure from air springs ----- 0 to 20-25 PSI
 with manual valve closed ----- 0 to 140-165 PSI

Anti-icing bottle:

Material ----- Glass
Size ----- 5.06 high, 3.18 dia.
Capacity ----- One pint
Cap material ----- Aluminum die casting
Location ----- In front of left hand radiator support filler panel.

Air cleaner:

Filter element material ----- Nylon fabric
Screen material ----- No. 14 galvanized wire
Cleaner outside diameter ----- 1.75

Shock absorbers:

Front;

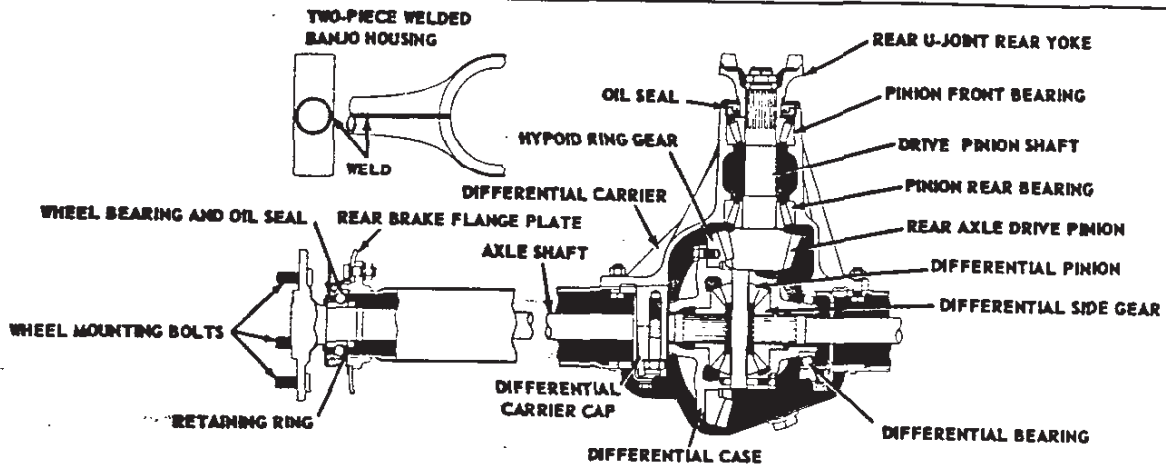
Make ----- Delco
Type ----- Direct, double acting, hydraulic
Mounting ----- On lower suspension control arm and bracket welded to top of frame side member.
Model number ----- 508P 57A
Valve code ----- C4.25E8/OXF
Piston dia. and travel ----- 1.00x6.6875

Rear;

Make ----- Delco
Type ----- Direct double acting, hydraulic
Mounting ----- On lower suspension control arm and bracket welded to top of frame side member.
Model number ----- 503W 58A
Valve code ----- C4.25D 8/OXJ
Piston dia. and travel ----- 1.00x8.4375

AIR SUSPENSION - P-35

REAR AXLE



		3-Speed			Overdrive	
		235-6 cyl.	283-V8	348-V8	4.11:1	
Axle ratio						
Overdrive lock position		3.55:1			4.11:1	
Total gear reduction*	First	10.44	8.77	7.85	12.08	8.46
	Second	5.96	5.43	4.69	6.90	4.83
	Third	3.55	3.55	3.55	4.11	2.88
	Reverse	10.44	9.94	8.91	12.08	
Maximum axle shaft torque in low gear (lb. ft.) [⊕]	6 cylinder	1730			2002	1402
	283 V8-2 barrell carb.		1826		2516	1762
	283 V8-4 barrell carb.		1901		2618	1834
	283 V8-fuel injection		2087			
	348 V8-4 barrell carb.			2135		
	348 V8-3x2 bbl. carbs.			2135		

GENERAL DATA

Make ----- Own
 Type ----- Semi-floating
 Rating ----- 3000 lb.
 Four link suspension drive:
 Drive and torque taken through ----- All control arms
 Lateral forces taken through ----- Upper control arm
 Housing type ----- Pressed steel banjo,
 two piece welded construction with axle
 housing cover welded in place.
 Lubricant capacity ----- 4 pints
 Lubricant recommended ----- SAE 90 passenger
 car hypoid lubricant or "Multi-Purpose" lubricant.
 Bearings ----- See anti-friction bearing chart

Powerglide:

Total torque multiplication (final drive gears, torque
 converter and planetary gears).
 Drive ----- 12.84:1 to 3.36:1
 Low ----- 12.84:1 to 6.12:1
 Reverse ----- 12.84:1 to 6.12:1

Turboglide:

Total torque multiplication (final drive gears, torque
 converter and planetary gears).
 Drive ----- 14.45:1 to 3.36:1
 Reverse ----- 10.4

Gears, final drive:

Transmission	3-Speed	Overdrive	Powerglide & Turboglide
Type	Hypoid		
Ratio	3.55:1	4.11:1	3.36:1
No. teeth, ring gear and pinion	9-32	9-37	11-37

Gear backlash ----- .005-.008

Pinion gear:

Mounting ----- Overhung
 Thrust taken by ----- Pinion rear bearing
 Adjustment ----- By shims of .028 average thickness

POSITRACTION (Optional)

Make and type ----- Spicer,
 limited slip, with dual multiple disc clutches applied
 by reaction torque thru the differential side gears.

* - Axle ratio x transmission ratio

⊕ - Gear reduction x maximum net engine torque x efficiency factor (.90 in direct drive, .85 all others)

AXLE SHAFT

Type and material ----- Forged and hardened steel
 with wheel drive flange forged integral with shaft.
 Minimum diameter ----- 1.06
 Oil seal ----- Steel encased spring loaded
 synthetic rubber (part of rear wheel bearing assy.).
 Hub attachment ----- Bolted to integrally forged wheel drive flange

DIFFERENTIAL

Type ----- Two pinion with cast arma-steel housing.
 Bearing cap bolt torque ----- 70-75 lb. fr.

Clutch disc number and material ----- 4, CR steel
 Clutch plate number and material ----- 4, CR steel
 Number of pinions ----- 4

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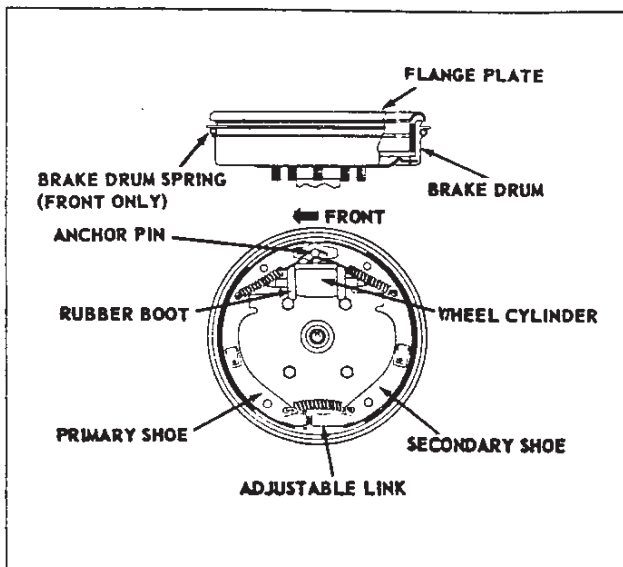
P-36 - REAR AXLE

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

BRAKES

SERVICE BRAKES

Make	Own
Type	Servo, four wheel hydraulic
Brake drum:	
Type	Composite
Rim material	Cast alloy iron
Web material	Pressed steel
Diameter, front and rear	11
Total effective area	259 sq. in.
Distribution of braking effort (theoretical):	
On front wheels	56%
On rear wheels	44%
Brake lining (dimensions after grinding):	
Material	Full molded asbestos composition
Width, front brakes	2.00
Width, rear brakes	1.75
Thickness	.164-.175
Length per wheel	20.98
Length, primary shoe	9.29
Length, secondary shoe	11.69
Method of attachment to shoe	Bonded
Clearance	Adjust to a light drag and back off seven notches.
Total effective area	157 sq. in.
Main cylinder:	
Mounting	Under hood on dash panel
Diameter	1.0
Piston travel	1.0
Wheel cylinders:	
Mounting	Front, on wheel spindles, rear, on backing plate
Front, inside diameter	1.125
Rear, inside diameter	1.00
Piston travel	0.221
Braking ratio:	
Pedal	6.42:1
Hydraulic	4.53:1
Total overall	29.1:1



Foot pedal:	
Type	Pendant
Travel	6.38
Mounting	On brace under dash
Pad cover material	Rubber
Brake system fluid capacity	0.70 pint (approx.)
Brake fluid recommended	Delco Super 11
PARKING BRAKE	

Make and type ----- Own, mechanical pull rods and cables operate the two rear service brakes.
 Total effective lining area ----- 73 sq. in.
 Control ----- Applied by pendulum foot pedal; released by upward pressure on integral lever suspended at left (new) side kick panel.

POWER BRAKES (RPO 412)

Type	Vacuum assisted hydraulic unit with integral master cylinder
Location	Hydraulic power unit mounted on dash under hood. Vacuum reserve tank mounted on left front fender splash pan.
Braking assistance (percentage):	
By vacuum cylinder	40%*
By foot pedal	60%*

Braking ratio:	
Pedal	1.55:1
Hydraulic	10.6:1
Overall	16.4:1
Pedal load to actuate power brakes	10 lb
Stop light switch:	
Type	Hydraulic
Mounting	On hydraulic power unit
Fluid, type	Same as conventional brakes
Capacity (complete brake system)	0.80 pt.

DRIVE SYSTEM SPLINES

Function of splines	Number and type of splines
Clutch disc hub to transmission clutch gear shaft	10 straight side
Transmission mainshaft to front U-joint front yoke	16 involute
Front propeller shaft to intermediate U-joint front yoke	9 straight side
Rear U-joint rear yoke to rear axle pinion shaft	17 involute
Differential side gears to rear axle shafts	17 involute

PROPELLER SHAFTS

Make	Own
Number and type	Two, tubular
Tube outside diameter	1.995-2.003
Tube wall thickness	.092-.097
Oil seal	Steel reinforced, spring loaded leather
End types:	
Front shaft, fr.; rear shaft fr. & rr.	Welded yoke
Front shaft, rear	Slip yoke

* - These figures are approximate depending on severity of stop.

♣ - On 10 spline spacing; one spline extra width to insure proper phasing of U-joint.

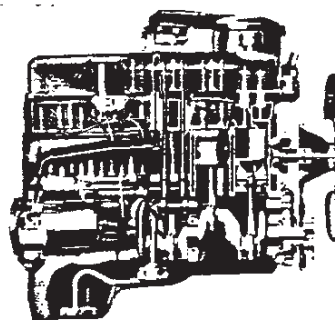
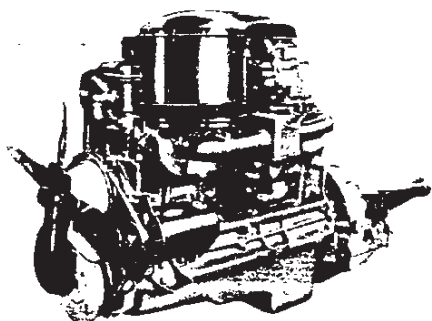
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CHEVROLET 1958 SPECIFICATIONS - PASSENGER

UNIVERSAL JOINTS

Make	Own
Number	Three
Type	Yoke and spider (trunnion)
Trunnion material	Drop forged steel, hardened
Trunnion pin diameter	.5955-.5960
Bearings, front, intermediate and rear	See anti-friction bearing chart
Lubrication	Bearings packed for life

ENGINE - SIX CYLINDER



GENERAL PERFORMANCE DATA

Engine	Conventional	Powerglide
Piston displacement(cu. in.)	235.5	
Type	Valve-in-head	
Number of cylinders	6	
Bore and stroke(nominal)	3.56x3.94	
Compression ratio	8.25:1	
Taxable (SAE) horse power	30.4	
Idling speed (RPM)	475 in neutral	425 in drive
Compression press. (RPM)@ cranking speed, engine hot	130	
Dry weight(pounds)	617	
	678	774
Lubrication	Full pressure	
Power plant mounting	Three point mounting, two front and one rear; combination compression and shear type	

ADVERTISED MAXIMUM ENGINE PERFORMANCE

Engine	Conventional and Powerglide	
Brake horsepower	Gross	145@ 4200 RPM
	Net	125@ 4000 RPM
Torque(lb. ft.)	Gross	215@ 2400 RPM
	Net	195@ 2000 RPM

ENGINE SPEED AND PISTON TRAVEL

Transmission	3-speed	3-speed with overdrive		Powerglide
		O.D. locked out	O.D. locked in	
Rear axle ratio	3.55:1	4.11:1		3.36:1
Tire size	7.50-14\$			
Crankshaft revolutions per mile	2783.3	3222.2	2255.5	2634.2
Crankshaft RPM@ 1 MPH	Low and rev.	136.4	157.9	110.5*
	Second	77.9	90.2	63.1
	Third ‡	46.4	53.7	37.6
Piston travel(ft./mile)	1827.5	2114.4	148.1	1728.6

ADVERTISED CAR PERFORMANCE

Model	1549	1549 Powerglide
Performance weight (pounds)(curb weight + 600# for 4 pass.)	4202	4293
Pounds/gross horsepower	28.98	29.61
Pounds/cu. in. displacement	17.84	18.23
Gross horsepower/cu. in. displacement	.616	
Power displacement (cu. ft. /mile)%	139.65	179.50**
Displacement factor (cu. ft. /ton mile)#	90.27	83.61**

‡ - Also known as N/V factor

* - Applicable to low gear only; overdrive does not function in reverse

% - $\frac{\text{Crankshaft revolutions/mile} \times \text{piston displacement}}{1728}$

- Power displacement divided by performance weight in tons.

** - Data computed assuming zero slippage in the torque converter.

\$ - 8.00-14-4 ply tires standard on 1767 and station wagon models.

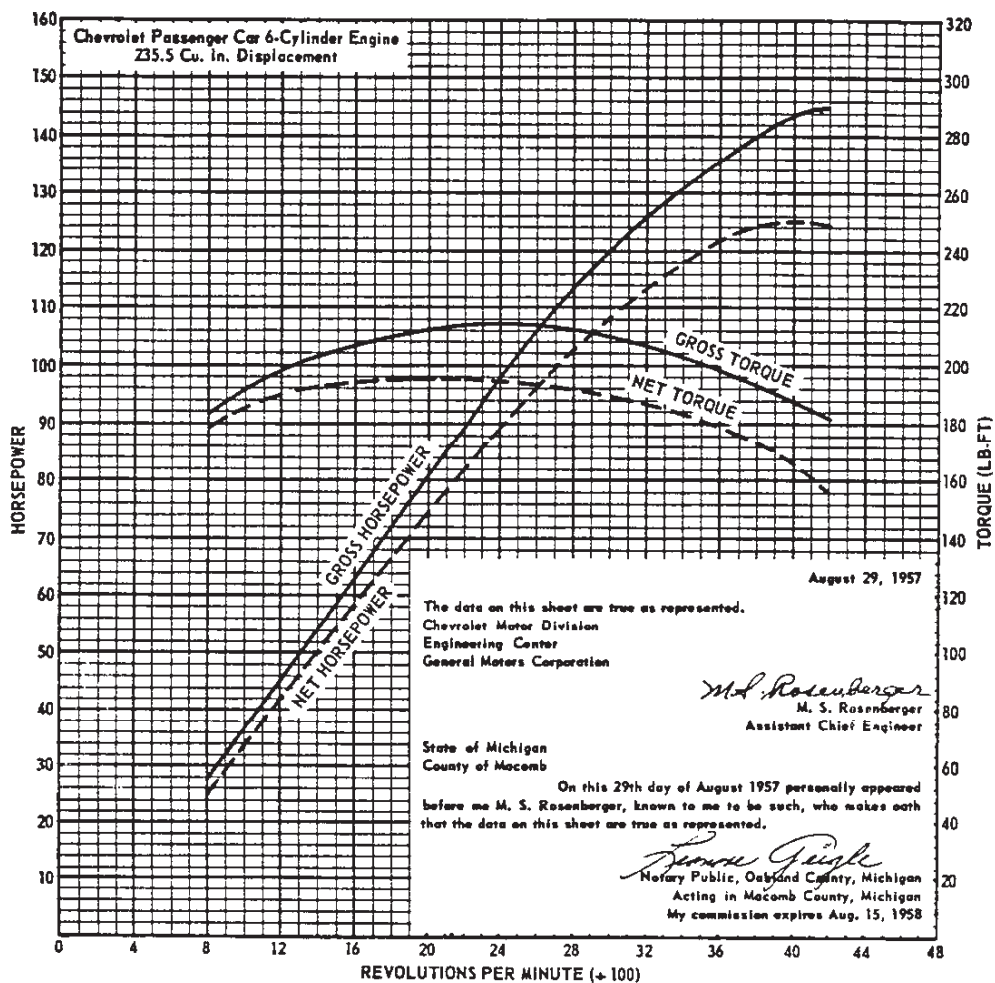
‡ - Equipped with overdrive transmission.

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P.38 - ENGINE - SIX CYLINDER

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

ENGINE PERFORMANCE



The engine performance curves shown on this sheet are taken from Chevrolet engine test report 17440-18. They represent the full throttle performance of a New Blue Flame 145 six cylinder passenger car engine with 235.5 cubic inch displacement, as obtained from dynamometer test data corrected to standard barometric pressure 29.92 inches of mercury and the standard temperature of 60°F.

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

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

GROSS POWER and TORQUE were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

GROSS POWER and TORQUE were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

ENGINE - SIX CYLINDER - P-39

COMPONENTS

Cylinder Head and Case:

Material ----- Cast alloy iron
 Bore diameter ----- 3.5620-3.5640
 Head bolt torque ----- 90-95 lb. ft.
 Number of head bolts ----- 18

Crankshaft:

Material ----- Forged steel
 End play ----- .0035-.0095
 Vibration damper ----- Oscillating (rubber floated)
 Weight ----- 80 lb.

Journal diameters:

Number 1 ----- 2.6825-2.6845
 Number 2 ----- 2.7145-2.7155
 Number 3 ----- 2.7455-2.7465
 Number 4 ----- 2.7765-2.7775

Crankpin journals:

Width ----- 1.2485-1.2515
 Diameter ----- 2.311-2.312
 Counter weights ----- 7
 Stroke ----- 3.9384 .005

Main Bearings:

Material ----- .003-.006 babbitt on steel shell
 Type ----- Precision, removable
 End thrust against ----- Number 3 bearing
 Clearance--Bearings #1&2 ----- .0008-.0024
 Bearings #3&4 ----- .0010-.0026

Sizes and projected area

Bearing	Theo. I.D.	Eff. Length	Proj. Area
1	2.6856	1.063	2.855
2	2.7166	.907	2.464
3	2.7478	.979	2.690
4	2.7788	1.189	3.304

Camshaft:

Material ----- Cast alloy iron

Bearings

Bearing	Ream Dia.	Overall Length	Proj. Area
1	2.1562	1.120	2.415
2	2.0937	.940	1.968
3	2.0312	.940	1.909
4	1.9687	.938	1.846

Bearing material ----- Steel backed babbitt

Type of drive ----- Gear

Camshaft gear material -----

Bakelite and fabric composition with steel hub.

Crankshaft gear material ----- Steel

Valve Mechanism:

Type ----- Rocker arm and shaft, push rod actuated;

Hydraulic lifter:

Body material,

Foot ----- Cast iron

Sleeve ----- Steel

Plunger & push rod seat material ----- Steel

Rocker arm ratio ----- 1.477:1

Valve lash (hot) ----- Zero

Connecting rods:

Material ----- Forged steel

Weight (oz.) ----- 28.03

Length (center to center) ----- 6.8125

Bearings

Material ----- Steel backed babbitt

Type ----- Precision, removable

Effective length ----- 1.008

Clearance ----- .0007-.0027

End play ----- .005-.010

Theoretical inside diameter ----- 2.3132

Projected area ----- 2.332

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P-40 - ENGINE - SIX CYLINDER

Valves:

Inlet

Material ----- Alloy steel
 Overall length ----- 6.376-6.396
 Overall head diameter ----- 1.870-1.880
 Seat angle ----- 31° in head
 Stem diameter ----- .3410-.3417
 Stem to guide clearance ----- .0010-.0027
 Lift ----- .4004
 Face angle ----- 30°

Exhaust

Material ----- Alloy steel
 Overall length ----- 4.913-4.933
 Overall head diameter ----- 1.495-1.505
 Seat angle ----- 46° in head
 Stem diameter ----- .3410-.3417
 Stem to guide clearance ----- .0010-.0027
 Lift ----- .4004
 Face angle ----- 45°

Valve springs:

Length and pressure

Valve closed-inlet & exhaust ----- 1.858@ 74-82 lb.
 Valve opened-inlet & exhaust ----- 1.462@ 196-208 lb.
 Free length inlet & exhaust ----- 2.234

Valve timing:

Intake

Opens ----- 10°30' BTC
 Closes ----- 53°30' ABC

Exhaust

Opens ----- 49° BBC
 Closes ----- 15° ATC
 Firing order ----- 1-5-3-6-2-4

Piston:

Material ----- Cast alloy aluminum

Type ----- Flat head, controlled expansion

Weight ----- 18.40 oz.

Topland clearance ----- .033-.042

Skirt clearance ----- .0006-.0010

Compression ring groove depth ----- .199-.205

Oil ring groove depth ----- .199-.205

Piston pins:

Material ----- Chromium steel

Type ----- Locked in rod

Length ----- 3.168-3.198

Diameter ----- .8660-.8665

Clearance ----- .00015-.00025

Direction of offset ----- Major thrust side

Piston Rings:

Type

Upper and lower compression -----

----- Thick wall inside bevel or counterbore.

Oil control -----

----- Multi piece with two chrome rails and spacer

Compression rings:

Material ----- Cast alloy iron

Coating ----- Wear resistant

Width ----- .0930-.0935

Wall thickness ----- .168-.178

Gap ----- .007-.017

Oil Rings:

Material ----- Steel

Coating ----- Upper & lower rails chrome plated O.D.

Width ----- .181-.186

Gap (rails) ----- .015-.055

Wall thickness (rails) ----- .153 max.

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

ENGINE ELECTRICAL SYSTEM

Generator:

Make and model ----- Delco-Remy 1102096
 Type ----- Two brush, shunt wound
 Drive ----- By fan belt
 Pulley size ----- 2.88 P.D.
 Generator RPM/MPH ----- 107
 Maximum generator output RPM (Hot) ----- 2750
 Maximum engine output RPM (Hot) ----- 1196
 Car MPH (High gear) ----- 27.9
 Ratio (Generator to engine) ----- 2.30:1
 Rating:
 Amps ----- 30
 Volts ----- 12-15
 Optional generators (RPO 325):
 35 amp. ----- Model ----- 1102114
 45 amp. ----- Model ----- 1106985

Battery:

Make and model ----- Delco, 25MR 53-W
 Voltage rating ----- 12
 Capacity ----- 53 amp hr at 20 hr rate
 Plates per cell ----- 9
 Terminal grounded ----- Negative
 Location -----
 Front of engine compartment near radiator baffle.

Voltage and Current Regulator:

Make & model ----- Delco-Remy, 1119001
 Type ----- Vibrator
 Cutout relay:
 Closing voltage @ generator RPM--11.8-13.5@ 1300

Voltage regulator:

Voltage ----- 13.8-14.8

Current regulator:

Ampere ----- 27-33

Starting motor:

Make and model ----- Delco-Remy, 1107652
 Rotation (Drive end view) ----- Clockwise
 Test conditions:
 No load test
 Amps ----- 49-76
 Volts ----- 10.6
 RPM ----- 6200-6900

Motor Control:

Ignition switch, 4 positions:
 Locked off, unlocked off, on & start.

Starting procedure:

Turn ignition key to extreme right after placing
 shift lever in neutral and depressing clutch.
 Powerglide models - Place selector lever in
 park or neutral.

Motor Drive:

Engagement type ----- Solenoid
 No. of teeth ----- 9
 Gear ratio (flywheel to starter) ----- 18.6:1
 Flywheel tooth face width ----- .4135

Coil:

Make and model ----- Delco-Remy, 11150b5
 Amperes drawn ----- 4.0 eng. stopped, 1.8
 engine idling (500 RPM)

Distributor:

Make and model ----- Delco-Remy, 1112403
 Breaker gap ----- .016-.021
 Cam angle ----- 28°-35°
 Breaker arm tension ----- 19-23 oz.

Spark Advance data:

Centrifugal advance begins (RPM) ----- 450-750

Centrifugal advance max. degrees @ RPM -----

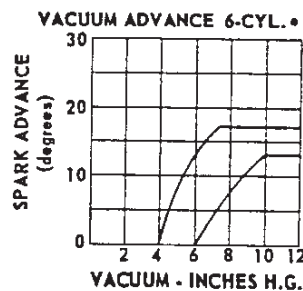
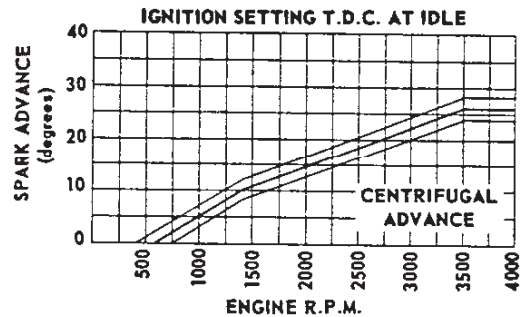
----- 24°-28° @ 3500

Vacuum advance begins (in. HG.) -----

----- 6

Vacuum advance max. degrees @ in. HG. -----

----- 15° @ 8.5" Hg



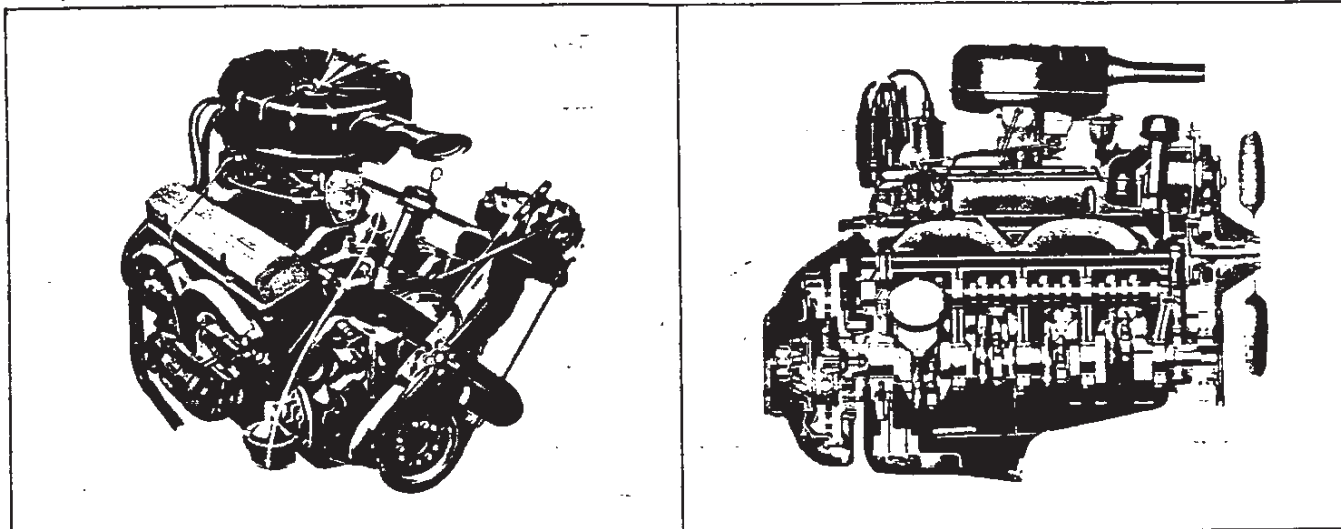
Ignition Timing:

C/S degrees @ initial setting ----- 0°-TDC
 Mark location ----- On flywheel
 Firing order ----- 1-5-3-6-2-4

Spark Plug:

Make and model ----- AC, 44
 Thread size ----- 14mm
 Gap ----- .033-.038
 Torque ----- 15-25 (lb. ft)

ENGINE - 283 CUBIC INCH EIGHT CYLINDER



GENERAL DATA - 283 CU. IN. ENGINE

Engine		Conventional	Powerglide	Turboglide
Piston displacement (cu. in.)		283		
Type		Valve-in-head		
Number of cylinders		8		
Bore and stroke (nominal)		3.875 x 3.000		
Compression ratio		8.5:1@		
Taxable (SAE) horsepower		48		
Idling speed (RPM)		475 in neutral	425 in drive	
Compression press. (PSI) @ cranking speed, engine hot		150		
Dry weight (pounds)	Engine and clutch	595	600**	535
	Engine, clutch and transmission	656	691**	754
Lubrication		Full pressure		
Power plant mounting		Three point mounting, two front and one rear; combination compression and shear type		

ADVERTISED MAXIMUM ENGINE PERFORMANCE

Carburetor		2-barrel carburetor (production)	4-barrel carburetor (optional)	Fuel injection (optional)
Brake horsepower	Gross	185@ 4600 RPM	230@ 4800 RPM	250@ 5000 RPM
	Net	150@ 4200 RPM	175@ 4400 RPM	225@ 4800 RPM
Torque (lb. ft.)	Gross	275@ 2400 RPM	300@ 3000 RPM	305@ 3800 RPM
	Net	245@ 24-2800 RPM	255@ 2800 RPM	280@ 3400 RPM

ENGINE SPEED AND PISTON TRAVEL

Transmission	Powerglide (optional)	Turboglide (optional)	3-Speed (production)	Overdrive	
				Locked out	Locked in
Rear axle ratio	3.36:1		3.55:1	4.11:1	
Tire size	7.50-14-4pr \$				
Crankshaft revolutions per mile	2634.2		2783.2	3222.2	2255.5
Crankshaft RPM@ 1 MPH	Low & rev.	79.9	114.6	157.9	110.5*
	Second		70.9	90.2	63.1
	Direct	43.9	46.4	53.7	37.6
Piston travel (ft./mile)	1317.2		1391.5	1611.1	1127.7

\$ - 8.00-14-4 ply on 1867 and station wagon models as standard equipment.

¢ - Also known as N/V factor.

* - Applicable to low gear only; overdrive does not function in reverse.

@ - 9.5:1 on four barrel and fuel injection engines.

** - Overdrive transmission.

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CHEVROLET 1958 SPECIFICATIONS - PASSENGER

ENGINE - 283 CUBIC INCH EIGHT CYLINDER - P-43

ENGINE - 283 CUBIC INCH EIGHT - Continued
ADVERTISED CAR PERFORMANCE

Powerglide transmission *	2-barrel carburetor	4-barrel carburetor (optional)	Fuel injection (optional)
Model		1649	
Performance weight (pounds)+	4285	4302	
Pounds per gross horsepower	23.16	18.70	
Pounds per cu. in. displacement	15.14	15.20	
Gross horsepower per cu. in. displacement	.654	.813	
Power displacement (cu. ft. per mile)@	215.7	215.7	
Displacement factor (cu. ft. per mile)#	100.7	100.3	
Turboglide transmission *			
Performance weight (pounds)+	4200	4211	4203
Pounds per gross horsepower	22.70	18.31	16.81
Pounds per cu. in. displacement	14.84	14.88	14.85
Gross horsepower per cu. in. displacement	.654	.813	.883
Power displacement (cu. ft. per mile)@	215.7	215.7	215.7
Displacement factor (cu. ft. per mile)#	102.7	102.4	102.1
3-Speed transmission			
Performance weight (pounds)+	4205	4212	4191
Pounds per gross horsepower	22.73	18.31	16.76
Pounds per cu. in. displacement	14.86	14.88	14.81
Gross horsepower per cu. in. displacement	.654	.813	.883
Power displacement (cu. ft. per mile)@	227.9	227.9	227.9
Displacement factor (cu. ft. per mile)#	108.4	108.2	108.8

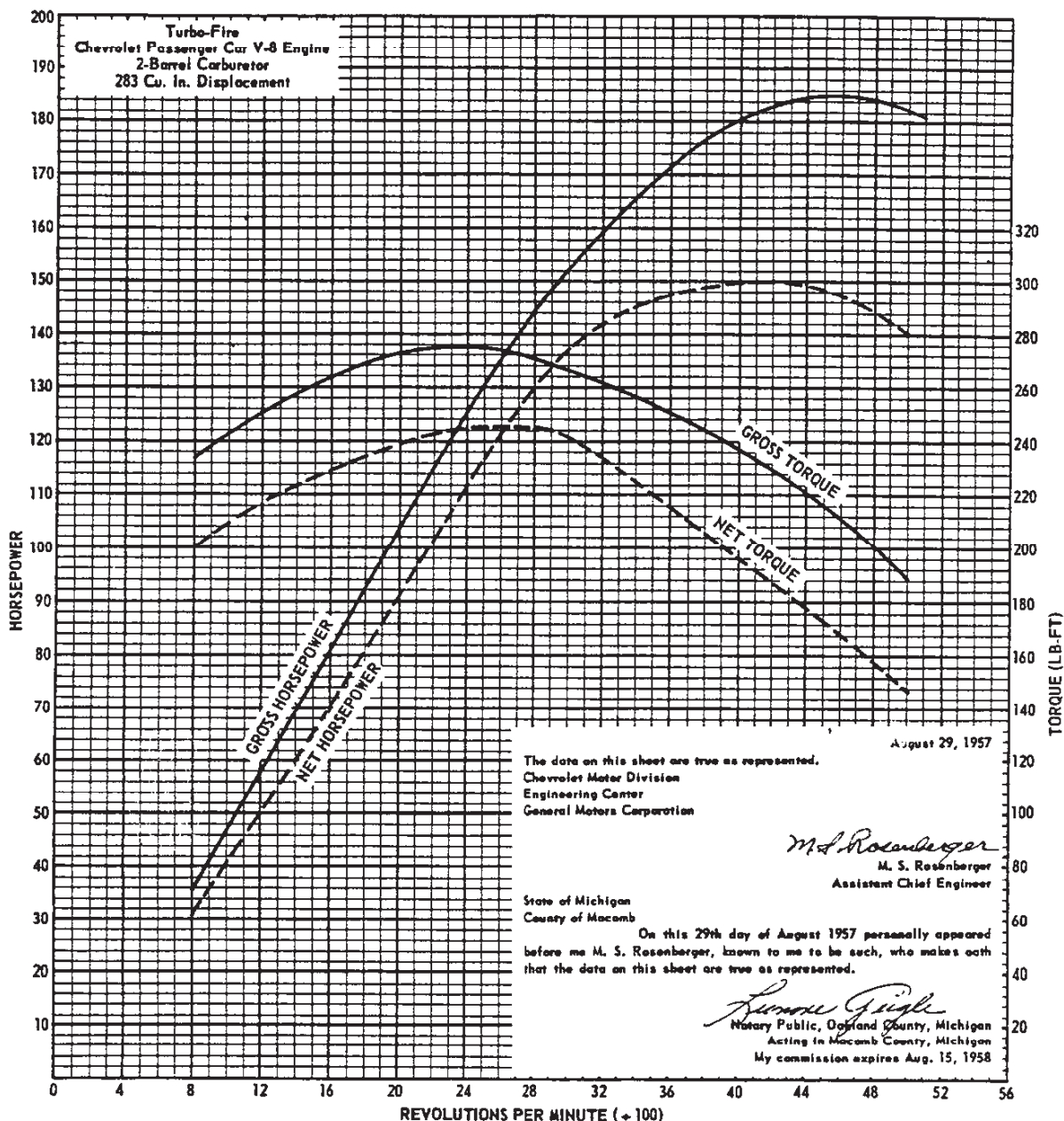
* - Data computed assuming zero slippage in torque converter.

+ - Curb weight + 600 lb. (the weight of 4 passengers).

@ - $\frac{\text{Crankshaft revolutions per mile} \times \text{piston displacement} \times .2}{1728}$

- Power displacement divided by performance weight in tons.

ENGINE PERFORMANCE



The engine performance curves shown on this sheet are taken from Chevrolet engine test report 17697-25. They represent the full throttle performance of a Turbo-Fire 283 Chevrolet passenger car engine with 283 cubic inch displacement, as obtained from dynamometer test data corrected to standard barometric pressure 29.92 inches of mercury and the standard temperature of 60°F.

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

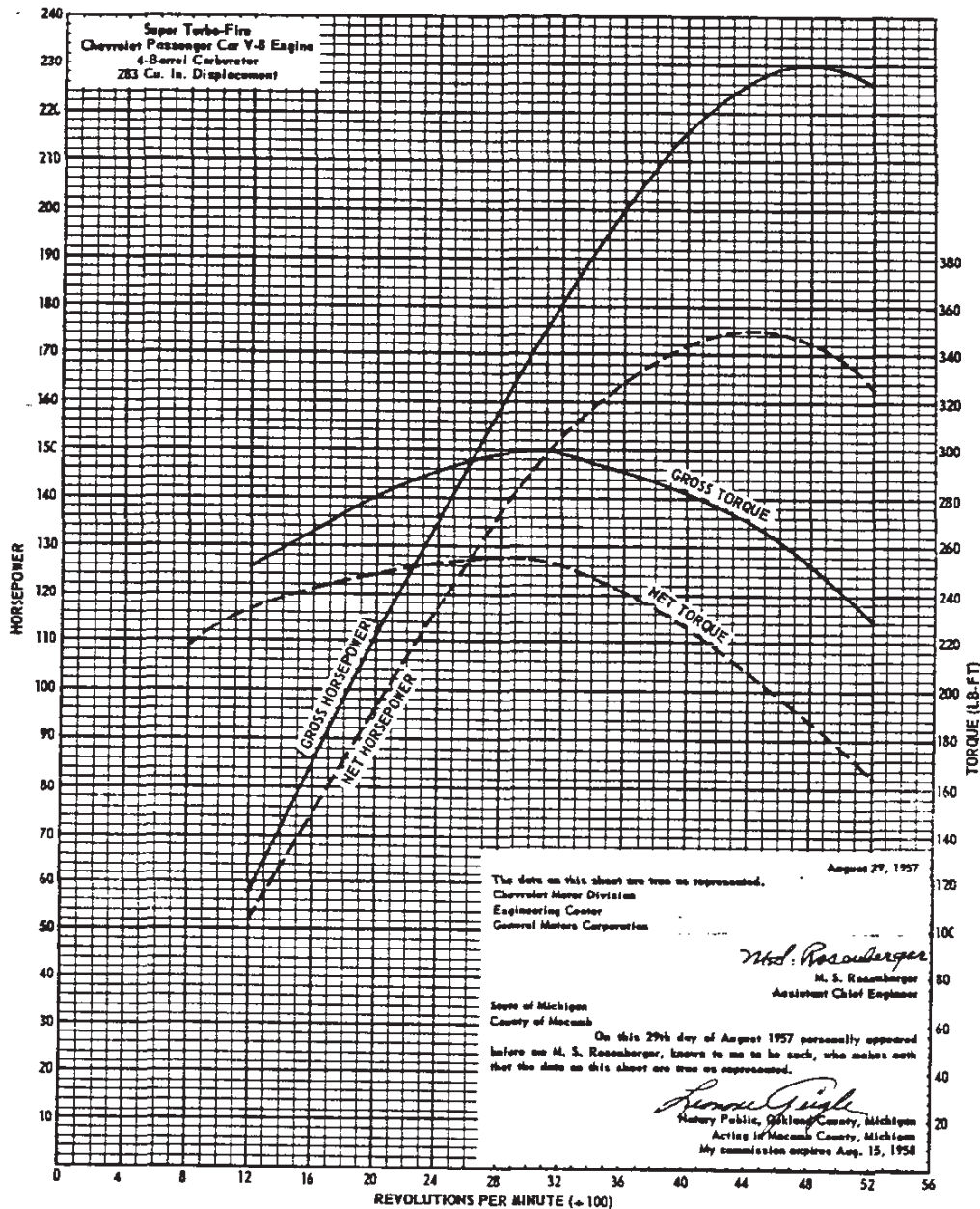
NET POWER and TORQUE were obtained from a dynamometer test simulating actual operating conditions when the engine is in its vehicle. It includes the use of the regular muffler and pipes, the fan in operation and automatic spark advance. The generator is not charging.

GROSS POWER and TORQUE were obtained in a reg-11-29-57

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

ENGINE - 283 CUBIC INCH EIGHT CYLINDER - P-45

ENGINE PERFORMANCE



The engine performance curves shown on this sheet are taken from Chevrolet engine test report 18333-10. They represent the full throttle performance of a Super Turbo-Fire Chevrolet passenger car engine with 283 cubic inch displacement, as obtained from dynamometer test data corrected to standard barometric pressure 29.92 inches of mercury and the standard temperature of 60°F.

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

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

GROSS POWER and TORQUE were obtained in a reg-11-29-57
 P-46 - ENGINE - 283 CUBIC INCH EIGHT CYLINDER

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

COMPONENTS

Cylinder heads and case:

Material ----- Cast alloy iron
 Bore diameter ----- 3.8745-3.8775
 Head bolt torque ----- 60-70 lb. ft.
 Number of cylinder head bolts ----- 34

Crankshaft:

Material ----- Forged steel
 End play ----- .002-.006
 Vibration damper ----- Oscillating (rubber mounted)
 Weight ----- 48 lb.

Journal diameters

1 thru 5 ----- 2.2978-2.2988

Crankpin journals

Width ----- 1.898-1.902

Diameter ----- 1.999-2.000

Counterweights

Stroke ----- 3.000+.005

Main bearings

Material ----- .003-.006 babbitt on a steel shell

Type ----- Precision, removable

End thrust ----- Against #5 bearing

Sizes and projected area

Bearings	Theoretical Inside Dia.	Effective Length	Projected Area
1 thru 4	2.3004	.762	1.753 sq. in.
5	2.3004	1.169	2.689 sq. in.

Camshaft:

Material ----- Cast alloy iron

Bearings	Theoretical Inside Dia.	Overall Length	Projected Area
1 thru 4	1.8712	.740	1.385 sq. in.
5	1.8712	.940	1.759 sq. in.

Bearing material

Type of drive ----- Steel backed babbitt

----- Chain and sprocket

Timing chain:

Make ----- Link Belt

Number of links ----- 46

Width ----- .875

Pitch ----- .500

Valve mechanism:

Type ----- Rocker arm, push rod actuated

Hydraulic lifter

Body material

Foot ----- Cast alloy iron

Sleeve ----- Steel

Plunger and push rod ----- Steel

Rocker arm ratio ----- 1.5:1

Valve lash (hot) ----- Zero

Valves:

Inlet

Material ----- Alloy steel

Overall length ----- 4.9024-4.9224

Overall head diameter ----- 1.715-1.725

Seat angle ----- 45°

Stem diameter ----- .3415-.3422

Stem to guide clearance ----- .0010-.0027

Lift ----- .3987

Face angles ----- 45°

Exhaust:

Material ----- Alloy steel

Overall length ----- 4.913-4.933

Overall head diameter ----- 1.495-1.505

Seat angle ----- 45°

Stem diameter ----- .3410-.3417

Stem to guide clearance ----- .0015-.0032

Lift ----- .3987

Face angle ----- 45°

Valve springs:

Length and pressure

Valve closed, inlet and exhaust -----

1.696@ 71-79 lb.

Valve opened, inlet and exhaust -----

1.306@ 159-169 lb.

Free length, inlet and exhaust ----- 2.02

Valve spring dampers

Number of coils ----- 4

Free length ----- 2.00

Piston:

Material ----- Cast alloy aluminum

Type ----- Notched head, controlled expansion

Weight (ounces) ----- 20.96

Top land clearance ----- .035-.043

Skirt clearance ----- .0006-.0010

Compression ring groove depth ----- .2153-.2218

Oil ring groove depth ----- .2093-.2158

Piston pin:

Material ----- Chromium steel

Type ----- Rod shrunk fit to pin

Length ----- 2.990-3.010

Diameter ----- .9270-.9273

Clearance in piston ----- .00015-.00025

Direction of offset ----- Major thrust side

Piston rings:

Type, upper and lower compression -----

----- Thick wall, inside bevel or counterbore

Oil control -----

----- Multi-piece with 2 chrome rails and spacer

Compression rings

Material -----

Cast alloy iron with flash chrome plating on upper

ring and wear resistant coating on lower ring.

Width ----- .0775-.0780

Gap ----- .010-.020

Wall thickness ----- .184-.194

Oil ring

Material ----- Steel

Coating ----- Upper & lower rails, chrome plated O.D.

Width ----- .181-.188

Gap ----- .015-.055

Wall thickness (rails) ----- .168 max.

COMPONENTS - Continued

Connecting Rods:

Material ----- Drop forged steel
 Length (center to center) ----- 5.699-5.701
 Bearings
 Material ----- Steel backed babbitt
 Type ----- Precision, removable
 Effective length ----- .817
 Clearance ----- .0007-.0027
 End play ----- .008-.014
 Theoretical inside diameter ----- 2.0012
 Projected area ----- 1.635

Valve Timing:

Inlet, opens ----- 12°30' BTC
 closes ----- 57°30' ABC
 Exhaust, opens ----- 54°30' BBC
 closes ----- 15°30' ATC

LUBRICATION, FUEL, EXHAUST AND COOLING SYSTEMS

Lubrication:

Type ----- Controlled full pressure
 Main bearings ----- Pressure
 Connecting rods ----- Pressure
 Piston pins ----- Splash
 Cylinder walls ----- Pressure, jet cross sprayed
 Camshaft bearings ----- Pressure
 Hydraulic lifters ----- Pressure
 Timing gears ----- Nozzle sprayed
 Oil pump
 Type ----- Gear
 Normal oil pressure ----- 35 PSI@ 2000 RPM
 Intake type ----- Fixed
 Capacity (gal./min. hot)-- 4.0-4.2@1170-1200 RPM
 Crankcase capacity (quarts) ----- 4.5 dry, 4 refill

Oil filter (RPO 237)

Type ----- Full flow, spring loaded disc by-pass
 Capacity (dry) ----- 1 qt.

Lubricant grades and temperatures

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

Crankcase Ventilation

Type ----- Road draft

Fuel System:

Fuel pump

Make ----- A. C.
 Type ----- Mechanical

Carburetor	Production	RPO 410
Make	Rochester	
Model	7011224	3746384
Type (barrel)	2	4
SAE flange size	1.25	1.25
Venturi I. D.	1.09	2.13
Choke	Automatic	

Manifold heat control ----- Automatic

Air cleaner

Type ----- Oil bath

Fuel Tank

Capacity (gallons)
 Station wagon & sedan delivery ----- 17
 Others ----- 20

Filler location

Sta. wagons & sed. del.-- Behind LR fender opening
 All others ----- Between bumper and deck lid left of center.

Fuel Filter

Screen ----- In fuel tank
 AC, Type GF 38 ----- Adjacent to carburetor

Fuel Gauge

Make and Type ----- AC, electric
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P-48 - ENGINE - 283 CUBIC INCH EIGHT CYLINDER

Exhaust System:

Type ----- Single
 Exhaust pipe O. D. ----- 1.990-1.995
 Tail pipe I. D. ----- 1.81

Cooling System:

Type ----- Pressure with full length water jacket around each cylinder.
 Thermostat
 Make ----- Harrison
 Type ----- Pellet
 Begins to open at ----- 177°-183°F
 Fully opened at ----- 202°F

Radiator

Make ----- Harrison
 Type ----- Tube on center
 Size ----- .25x.55x1.75

Frontal area ----- 345 sq. in.

Capacity, less heater ----- 16 qt.
 with heater ----- 17 qt.

Cap, relief valve pressure ----- 13 PSI

Radiator hose

Outlet, lower (radiator to water pump)--- 1.75 I. D.
 Inlet, upper (thermostat hsg. to rad.) --- 1.5 I. D.

Drive belt

Fan and generator

Number used ----- One
 Angle of "V" ----- 37°-44°
 Pitch line length ----- 54.21
 Width ----- .380±.005
 Fan pulley size ----- 7.00 P. D.

Fan

Number of blades ----- 4 Staggered
 Diameter ----- 17.74
 Ratio (fan to engine) ----- .949:1

Water Pump

Type ----- Centrifugal
 Capacity ----- 44.5 gal./min. @ 4000 engine RPM
 Drive ----- Fan belt
 Bearing ----- Permanently lubricated double row ball.

ENGINE ELECTRICAL SYSTEM

Electrical System:

Generator

Make ----- Delco-Remy
 Model ----- 1102097
 Type ----- Two brush, shunt wound
 Drive ----- By fan belt
 Pulley size ----- 2.88 P. D.
 Generator RPM/MPH ----- 100 approximate
 Maximum generator output RPM (hot) ----- 2750
 Maximum engine output RPM (hot) ----- 1196
 Ratio (generator to engine RPM) ----- 2.30:1
 Rating
 Amps ----- 30
 Volts ----- 12-15

Optional Generators (RPO 325)

35 Amp
 Model ----- 1102114
 45 Amp
 Model ----- 1106985

Battery:

Make ----- Delco-Remy
 Model ----- 2 SMR 53-W
 Voltage rating ----- 12
 Plates per cell ----- 9
 Terminal grounded ----- Negative
 Location ----- Front of engine compartment near radiator baffle.

Voltage and Current Regulator:

Make ----- Delco-Remy
 Model ----- 1119001
 Type ----- Vibrator
 Cut-Out relay
 Closing voltage @ generator RPM -- 11.8-13.5@1300

Voltage regulator

Voltage ----- 13.8-14.8

Current regulator

Ampères ----- 27-33

Starting Motor (283 Powerglide Engine & Conventional)

Make ----- Delco-Remy
 Model ----- 1107664
 Rotation (Drive end view) ----- Clockwise
 Test conditions ----- Engine at operating temperature
 No load test
 Amps ----- 49-76
 Volts ----- 10.6
 RPM ----- 6200-9400

Starting Motor (283 Turboglide Engine)

Make ----- Delco-Remy
 Model ----- 1107694
 Rotation (Drive end view) ----- Clockwise
 Test conditions ----- Engine at operating temperature
 No load test
 Amps ----- 49-76
 Volts ----- 10.6
 RPM ----- 6200-9400

Motor Control

Ignition Switch (4 positions) ----- Locked off, unlocked off, on, start.

Starting procedure: ----- Turn ignition key to extreme right after placing shift lever in neutral and depressing clutch.

Motor Drive

Engagement type ----- Positive shift solenoid
 Number of teeth ----- 9
 Gear ratio (flywheel to starter) ----- 18.6:1
 Flywheel face tooth width
 3-Speed & Powerglide transmission ----- .4135
 Turboglide transmission ----- .3435

Coil

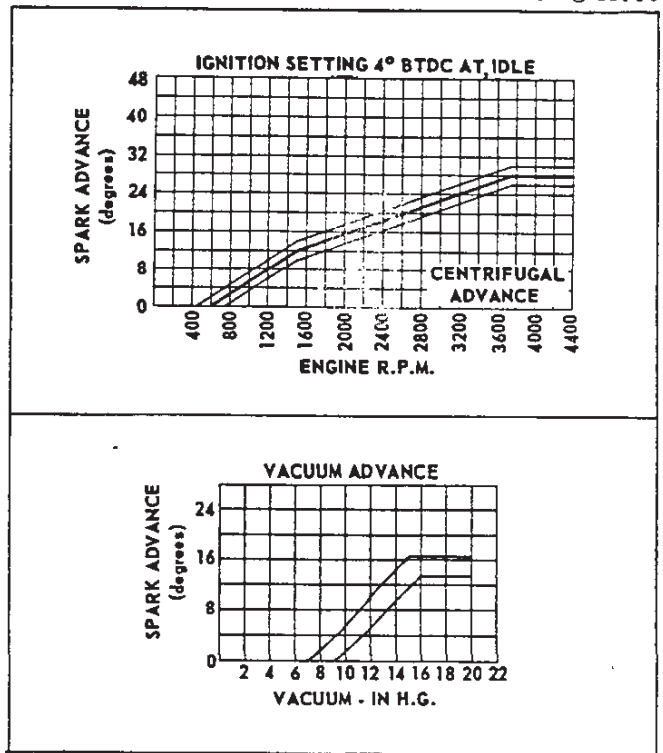
Make ----- Delco-Remy
 Model ----- 1115083
 Amperes ----- 4.0 (engine stopped)
 1.8 (engine idling).

Distributor

Make ----- Delco-Remy
 Model ----- 1110920
 Breaker gap ----- .016-.021
 Cam angle ----- 26°-33°
 Breaker arm tension ----- 19-23 oz.

Spark advance data

Centrifugal advance begins (RPM) ----- 600
 Centrifugal advance maximum degrees at RPM ----- 28 @ 3750
 Vacuum advance maximum degrees @ inches HG ----- 15° @ 15.50



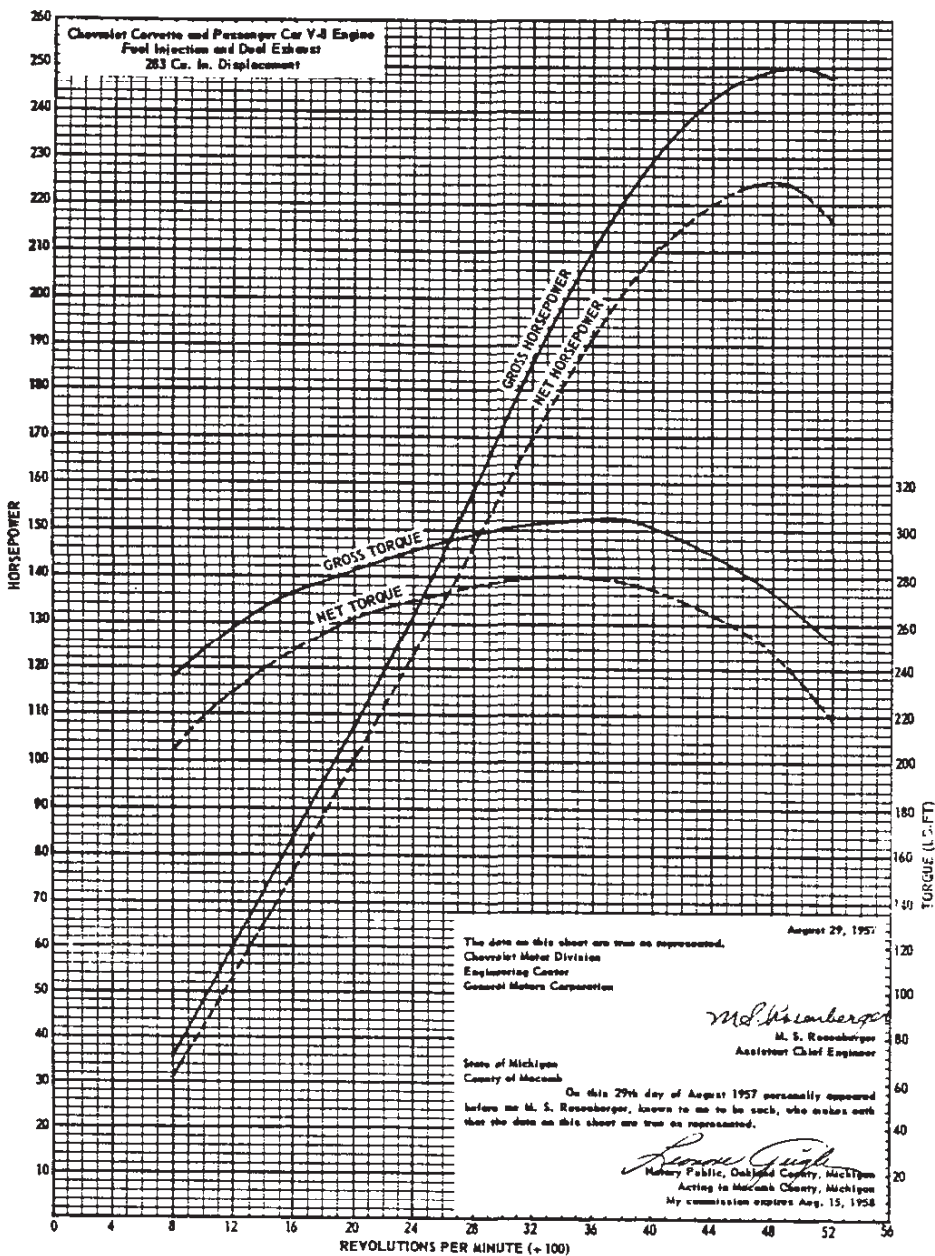
Ignition Timing

Crankshaft degrees at initial setting ----- 4° BTDC
 Mark location ----- Vibration damper
 Firing order ----- 1-8-4-3-6-5-7-2

Spark Plug

Make ----- AC
 Model ----- 44
 Thread size ----- 14mm
 Gap ----- .033-.038
 Torque ----- 20-25 lb. ft.

ENGINE PERFORMANCE



The engine performance curves shown on this sheet are taken from Chevrolet engine test report 17696-12. They represent the full throttle performance of a Chevrolet Corvette and passenger car V-8 engine with 283 cubic inch displacement, as obtained from dynamometer test data corrected to standard barometric pressure 29.92 inches of mercury and the standard temperature of 60°F.

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

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

GROSS POWER and TORQUE were obtained in a reg-11-29-57
P-50 - ENGINE - 283 CUBIC INCH EIGHT CYLINDER

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

FUEL INJECTION

Basic specifications for engines equipped with fuel injection are the same as those for the Turbo-Fire 283. In this system, the conventional carburetor is replaced by nozzles which inject fuel at the intake ports. Other differences in specifications are listed below:

Performance Data ----- See pages P-43 & P-44

Radiator hose (inlet):

Location ----- Cylinder head to radiator
Type ----- Compound curve

Manifold assembly, inlet

Material ----- Cast aluminum

Fuel:

System ----- Fuel injection
Make ----- Rochester Products

Air cleaner:

Make ----- AC
Type ----- Dry
Element material ----- Paper

Fuel pump:

Make ----- AC
Type ----- Mechanical
Drive ----- From camshaft thru push rod
Arm movement ----- .340
Pressure range ----- 4-3/4-5-1/2 PSI

Fuel filter:

Make ----- AC
Model ----- GF 43
Location ----- Mounted on engine top cover

Fan belt:

Material ----- Reinforced rubber
Width ----- .406
Angle of "V" ----- 40°
Pitch length ----- 54.13

Generator:

Make ----- Delco-Remy
Model ----- 1102403
Rating ----- 12 volts

Current and voltage regulator:

Make ----- Delco-Remy
Model ----- 1119001

Distributor:

Make ----- Delco-Remy
Model ----- 1110915

Coil:

Make ----- Delco-Remy
Model ----- 1115107

Exhaust system:

Type ----- Dual

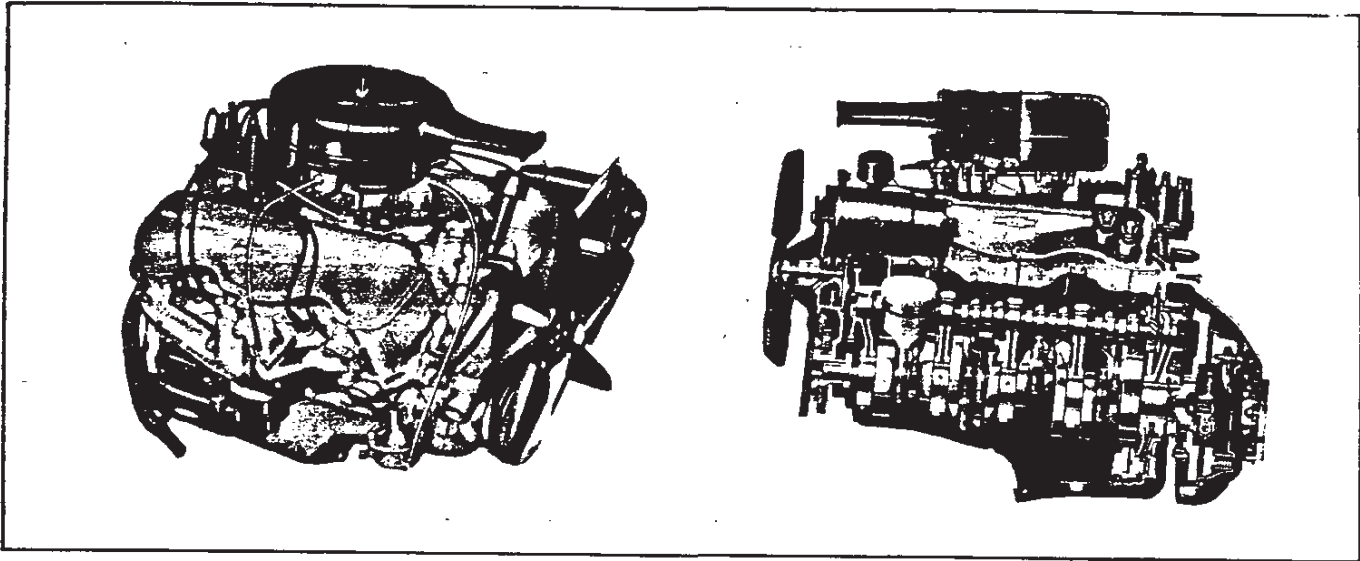
Radiator:

Make ----- Harrison
Type ----- Tube on center
Model ----- 3139584

Clutch:

Type ----- Semi-centrifugal

ENGINE - 348 CUBIC INCH EIGHT CYLINDER



GENERAL DATA - 348 CU. IN. ENGINE

Engine		Conventional	Powerglide	Turboglide
Piston displacement (cu. in.)			348	
Type		Valve-in-head		
Number of cylinders		8		
Bore and stroke (nominal)		4.125x3.25		
Compression ratio		9.5:1		
Taxable (SAE) horsepower		54.5		
Idling speed (RPM)		475 in neutral	450 in drive	
Compression press (PSI)@ cranking speed, engine hot		160		
Dry weight	Engine and clutch	704	641	625
	Engine, clutch and transmission	765	860	767
Lubrication		Full pressure		
Power plant mounting		Three point mounting, two front and one rear; combination compression and shear type		

ADVERTISED MAXIMUM ENGINE PERFORMANCE

Carburetor		4-barrel (production)	Triple 2-barrel (optional)
Brake horsepower	Gross	250@ 4400 RPM	280@ 4800 RPM
	Net	210@ 4400 RPM	235@ 4800 RPM
Torque (lb. ft.)	Gross	355@ 2800 RPM	355@ 3200 RPM
	Net	320@ 2600 RPM	320@ 2800 RPM

ENGINE SPEED AND PISTON TRAVEL

Transmission	Powerglide (optional)	Turboglide (optional)	3-Speed close ratio (production)
Rear axle ratio	3.36:1		3.55:1
Tire size	7.50-14-4\$		
Crankshaft revolutions per mile	2634.2		2783.2
Crankshaft RPM @ 1 MPH	Low & rev.	79.9	102.5
	Second		61.2
	Direct †	43.9	46.4
Piston travel (ft/mile)	1426.9		1507.5

† - Also known as N/V factor.

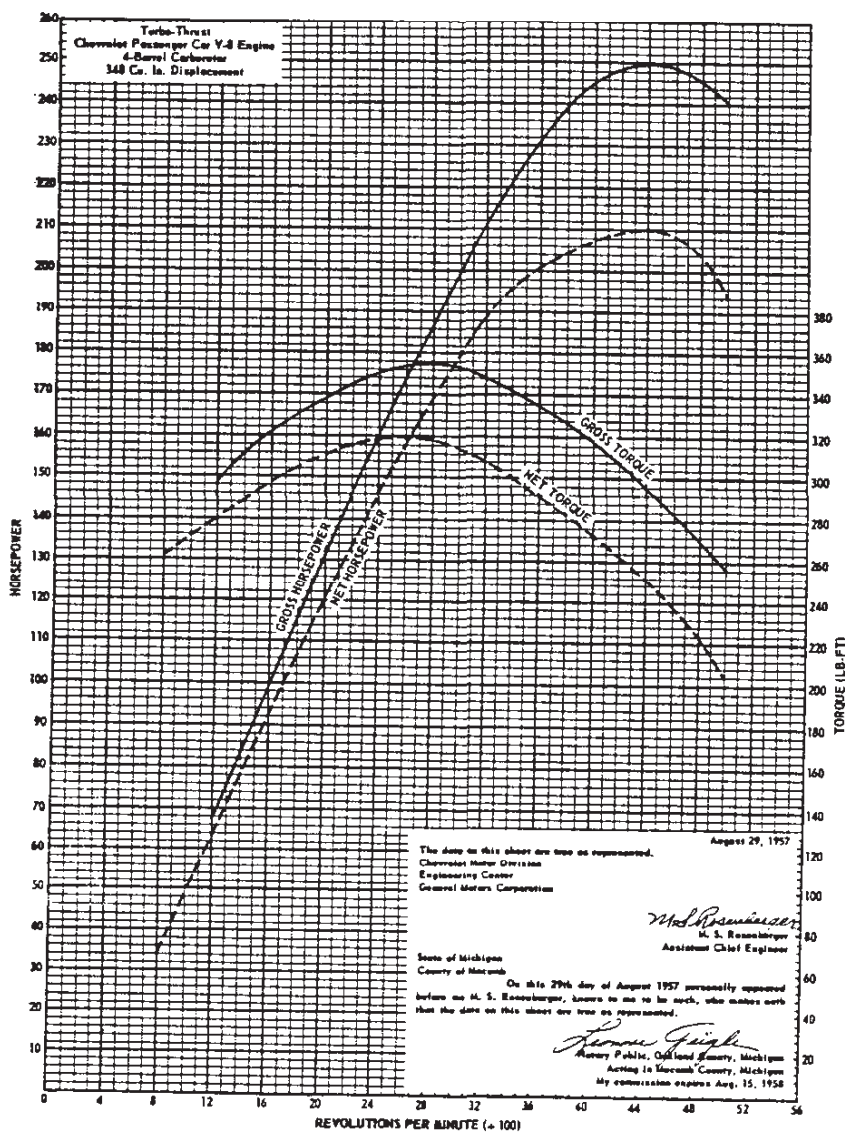
\$ - 8.00-14-4 ply tires on 1867 and station wagon models.

GENERAL DATA - 348 CU.IN. ENGINE - Continued
ADVERTISED CAR PERFORMANCE

With Powerglide transmission @	4-barrel carburetor (production)	Triple 2-barrel carburetor (optional)
Model	1649	
Performance weight (pounds) +	4391	
Pounds per gross horsepower	17.56	
Pounds per cu. in. piston displacement	12.61	
Gross horsepower per cu. in. displacement	.718	
Power displacement (cu. ft. per mile) %	265.2	
Displacement factor (cu. ft. per mile) #	120.8	
With Turboglide transmission @		
Performance weight (pounds) +	4308	4335
Pounds per gross horsepower	17.23	15.48
Pounds per cu. in. piston displacement	12.38	12.46
Gross horsepower per cu. in. displacement	.718	.805
Power displacement (cu. ft. per mile) %	265.2	265.2
Displacement factor (cu. ft. per mile) #	123.1	122.4
Close ratio transmission		
Performance weight (pounds) +	4314	4334
Pounds per gross horsepower	17.26	15.48
Pounds per cu. in. piston displacement	12.42	12.46
Gross horsepower per cu. in. displacement	.718	.805
Power displacement (cu. ft. per mile) %	280.2	280.2
Displacement factor (cu. ft. per mile) #	130.0	129.4

- @ - Data computed assuming zero slippage in the torque converter.
- + - Curb weight plus 600# (the weight of 4 150# passengers).
- % - $\frac{\text{Crankshaft revolutions per mile} \times \text{piston displacement} + 2}{1728}$
- # - Power displacement divided by performance weight in tons.

ENGINE PERFORMANCE



The engine performance curves shown on this sheet are taken from Chevrolet engine test report 17688-144. They represent the full throttle performance of a Turbo-Thrust 348 Chevrolet passenger car engine with 348 cubic inch displacement, as obtained from dynamometer test data corrected to standard barometric pressure 29.92 inches of mercury and the standard temperature of 60°F.

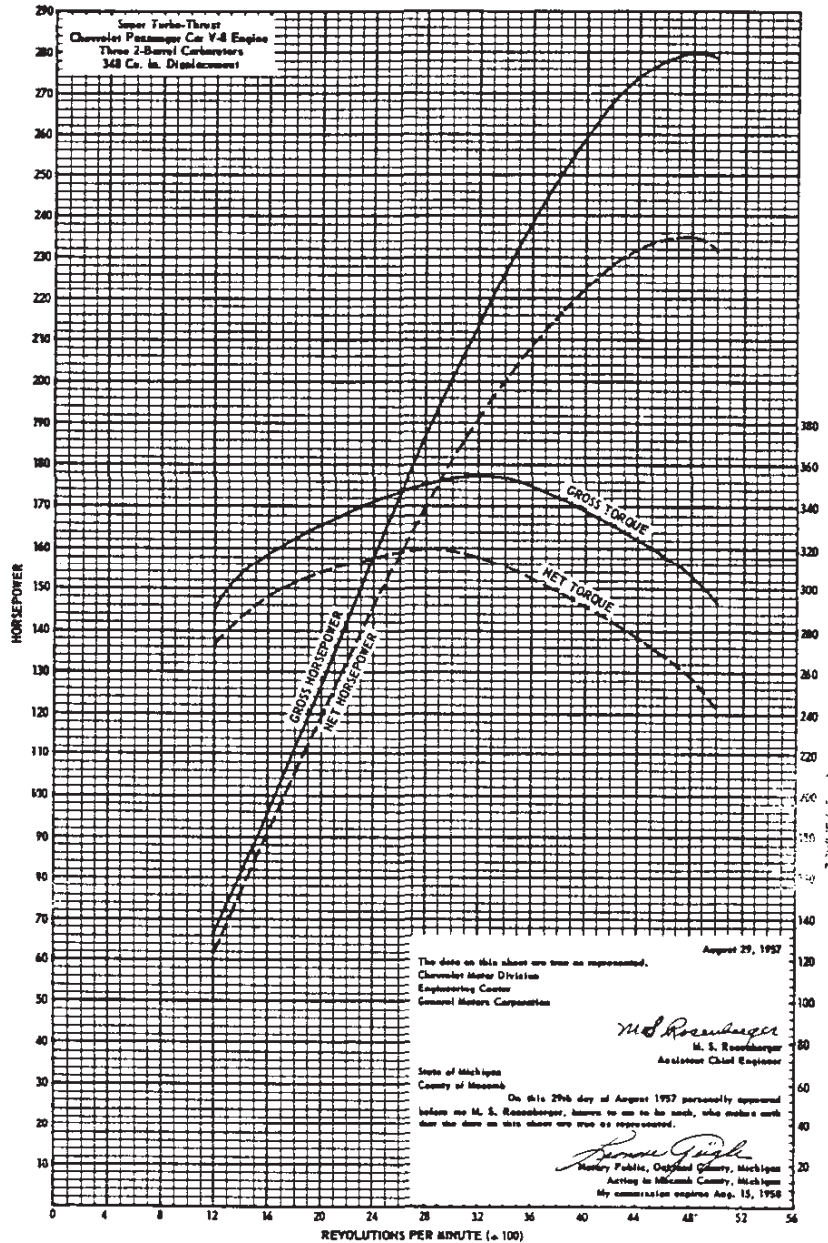
ular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

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

GROSS POWER and TORQUE were obtained in a reg-
 11-29-57
 P-54 - ENGINE - 348 CUBIC INCH EIGHT CYLINDER

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

ENGINE PERFORMANCE



The engine performance curves shown on this sheet are taken from Chevrolet engine test report 17688-144. They represent the full throttle performance of a Super Turbo-Thrust Chevrolet passenger car engine with 348 cubic inch displacement, as obtained from dynamometer test data corrected to standard barometric pressure 29.92 inches of mercury and the standard temperature of 60°F.

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

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

GROSS POWER and TORQUE were obtained in a reg-11-29-57
 CHEVROLET 1958 SPECIFICATIONS - PASSENGER

ENGINE - 348 CUBIC INCH EIGHT CYLINDER - P-55

COMPONENTS

Cylinder case and heads:

Material ----- Cast alloy iron
 Bore diameter ----- 4.120-4.130
 Head bolt torque ----- 60-70 lb. ft.
 Number of cylinder head bolts ----- 36

Crankshaft:

Material ----- Forged steel
 End play ----- .003-.007
 Vibration damper ----- Oscillating (rubber mounted)
 Weight ----- 58.75
 Journal diameters
 1 thru 5 ----- 2.4980-2.4990
 Crank pin journals
 Width ----- 1.998-2.002
 Diameter ----- 2.199-2.200
 Counterweights ----- 6
 Stroke ----- 3.20-3.30
 Main bearings
 Material ----- Babbitt on steel shell
 Type ----- Precision, removable
 End thrust ----- Against #5 bearing
 Sizes and projected area

Bearing	Theoretical Inside Dia.	Effective Length	Projected Area
1-4	2.5006	1.002	2.5055 sq. in.
5	2.5006	1.262	3.1552 sq. in.

Camshaft:

Material ----- Cast alloy iron

Bearing	Theoretical Inside Dia.	Overall Length	Projected Area
1-4	1.8712	.860	1.609 sq. in.
5	1.8712	.940	1.759 sq. in.

Bearing material ----- Steel backed babbitt
 Type of drive ----- Chain and sprocket

Timing chain:

Make ----- Link belt
 Number of links ----- 48
 Width ----- .88
 Pitch ----- .500

Valve mechanism:

Type ----- Rocker arm, push rod actuated
 Hydraulic lifter
 Body material
 Foot ----- Cast alloy iron
 Sleeve ----- Steel
 Plunger and push rod ----- Steel
 Rocker arm ratio ----- 1.75:1
 Valve lash (hot) ----- Zero

Valves:

Inlet
 Material ----- Alloy steel
 Overall length ----- 5.095-5.115
 Overall head diameter ----- 1.935-1.945
 Seat angle ----- 45°
 Stem diameter ----- .3715-.3722
 Stem to guide clearance ----- .0010-.0027
 Lift ----- .3987
 Face angle ----- 45°

Exhaust

Material ----- Alloy steel
 Overall length ----- 5.105-5.125
 Overall head diameter ----- 1.655-1.665
 Seat angle ----- 45°
 Stem diameter ----- .3710-.3717
 Stem to guide clearance ----- .0025-.0042
 Lift ----- .3987
 Face angle ----- 45°
 Valve springs:
 Length and pressure
 Valve closed, inlet and exhaust ----- 1.626 @ 78-86 lb.
 Valve opened, inlet and exhaust ----- 1.230 @ 184-196 lb.
 Free length, inlet and exhaust ----- 1.770
 Valve spring dampers
 Number of coils ----- 3.56
 Free length ----- 1.765

Piston:

Material ----- Cast aluminum alloy
 Type ----- Peak roof, slipper skirt autothermic
 Weight (ounces) ----- 28.08
 Top land clearance ----- .0325-.0395
 Skirt clearance ----- .0006-.0010
 Compression ring groove depth ----- .2282-.2348
 Oil ring groove depth ----- .2182-.2247

Piston pin:

Material ----- Alloy steel
 Type ----- Rod shrunk fit to pin
 Length ----- 3.250-3.270
 Diameter ----- .9895-.9898
 Clearance in piston ----- .00015-.00025
 Direction of offset ----- Major thrust side

Piston rings:

Type, upper and lower compression -----
 ----- Thick wall, inside bevel or counter bore
 Oil control -----
 ----- Multi-piece with 2 chrome rails and spacer
 Compression
 Material ----- Cast alloy iron
 with flash chrome plating on upper ring, and wear resistant coating on lower ring.
 Width ----- .0770-.0780
 Gap ----- .015-.025
 Wall thickness ----- .196-.206
 Oil ring
 Material ----- Steel
 Coating --- Upper & lower rails, chrome plated O.D.
 Width ----- .224-.232
 Gap ----- .015-.025
 Wall thickness (rails) ----- .177-.182

COMPONENTS - Continued

Connecting rods:

Material ----- Forged steel
 Length ----- 6.134-6.136
 Bearings
 Material ----- Steel backed babbitt
 Type ----- Precision, removable
 Effective length ----- .867
 Clearance ----- .0007-.0027
 End play ----- .008-.014
 Theoretical inside diameter ----- 2.2012
 Projected area ----- 1.908

Valve timing:

Inlet, opens ----- 18°30' BTC
 closes ----- 67°30' ABC
 Exhaust, opens ----- 68°30' BBC
 closes ----- 25°30' ATC

LUBRICATION, FUEL, EXHAUST AND COOLING SYSTEMS

Lubrication:

Type ----- Controlled full pressure
 Main bearings ----- Pressure
 Connecting rods ----- Pressure
 Piston pins ----- Splash
 Cylinder walls ----- Pressure, jet crossed spray
 Camshaft bearings ----- Pressure
 Hydraulic lifters ----- Pressure
 Timing gear ----- Nozzle sprayed
 Oil pump
 Type ----- Gear
 Normal oil pressure ----- 35 PSI @ 2000 RPM
 Intake type ----- Fixed
 Capacity (gal./min. hot)-- 4.0-4.2 @ 1170-1200 RPM
 Crankcase capacity (quarts)----- 4.5 dry, 4 refill
 Oil filter (RPO 237)
 Type ----- Full flow, spring loaded disc by-pass
 Capacity (dry) ----- 1 qt.
 Lubricant grades and temperatures -----
 32° F and above ----- SAE 20W, SAE 20 or 10W-30
 0° F and above ----- SAE 10W or SAE 10W-30
 Below 0° F ----- SAE 5W or SAE 5W-20
 Crankcase ventilation
 Type ----- Road draft

Fuel system:

Fuel pump
 Make ----- AC
 Type ----- Mechanical
 Carburetor
 Make ----- Carter
 Model ----- 3744082
 Type ----- 4-barrel downdraft
 SAE flange size ----- 1.25
 Venturi, inside diameter ----- 2.31
 Choke ----- Automatic
 Manifold heat control----- Automatic
 Air cleaner
 Type ----- Oil bath
 Fuel tank
 Capacity (gallons)
 Station wagons & sedan delivery----- 17
 Others ----- 20
 Filler location
 Sta. wag. & sed. del.- Behind opening in LR fender
 Others -----
 Between bumper and deck lid left of center
 Fuel filter
 Screen ----- In fuel tank
 AC, type GF 38----- Adjacent to carburetor
 Fuel gauge
 Make and type ----- AC, electric

Exhaust system:

Type ----- Dual with resonators
 Exhaust pipe O. D. ----- 2.00
 Tail pipe I. D. ----- 1.81

Cooling system:

Type ----- Pressure
 with full length water jacket around each cylinder
 Thermostat
 Make ----- Harrison
 Type ----- Pellet
 Begins to open @ ----- 177-183° F
 Fully opened @ ----- 202° F

Radiator

Make ----- Harrison
 Type ----- Tube on center
 Size ----- .25 x .55 x 1.75
 Frontal area ----- 380 sq. in.
 Capacity, less heater ----- 22 qt.
 with heater ----- 23 qt.
 Cap. relief valve pressure ----- 13 PSI
 Radiator hose
 Outlet, lower (rad. to water pump) ----- 1.75 I. D.
 Inlet, upper (thermostat hsg. to rad.) --- 1.50 I. D.

Drive belt:

Fan and generator
 Number used ----- One
 Angle of "V" ----- 37-44°
 Pitch line length ----- 57"
 Width ----- .375-.385
 Fan pulley size ----- 7.00 P. D.

Fan:

Number of blades ----- 5 staggered
 Diameter ----- 18.00
 Ratio (fan to engine RPM)----- .949:1

Water pump:

Type ----- Centrifugal
 Capacity (gal./min. @ RPM)----- 53 @ 4000
 Drive ----- Fan belt
 Bearing ----- Permanently lubricated
 double row ball

ENGINE ELECTRICAL SYSTEM

Electrical System:

Generator

Make ----- Delco-Remy
 Model ----- 1102097
 Type ----- Two brush, shunt wound
 Drive ----- By fan belt
 Pulley size ----- 2.88 P.D.
 Generator RPM/MPH ----- 100 approximate
 Maximum generator output RPM (hot) ----- 2750
 Maximum engine output RPM (hot) ----- 1190
 Ratio (generator to engine RPM) ----- 2.30:1
 Rating
 Amps ----- 30
 Volts ----- 12-15
Optional Generators (RPO 325)
 35 amp
 Model ----- 1102114
 45 amp
 Model ----- 1106985

Battery

Make ----- Delco-Remy
 Model ----- 558
 Voltage rating ----- 12
 Plates per cell ----- 11
 Terminal grounded ----- Negative
 Location ----- Front of engine compartment
 near radiator baffle.

Voltage and Current Regulator:

Make ----- Delco-Remy
 Model ----- 1119001
 Type ----- Vibrator
 Cut-out relay
 Closing voltage @ generator RPM -----
 ----- 11.8-13.5 @ 1300
 Voltage regulator
 Voltage ----- 13.8-14.8
 Current regulator
 Amperes ----- 27-33

Starting motor (348 3-speed engine)

Make ----- Delco-Remy
 Model ----- 1107688
 Rotation (drive end view) ----- Clockwise
 Test conditions ----- Engine at operating temperature
 No load test
 Amps ----- 65-100
 Volts ----- 10.6
 RPM ----- 3600-5100

Starting motor (348 Turboglide engine)

Make ----- Delco-Remy
 Model ----- 1107687
 Rotation (drive end view) ----- Clockwise
 Test conditions ----- Engine at operating temperature
 No load test
 Amps ----- 65-100
 Volts ----- 10.6
 RPM ----- 3600-5100

Motor Control

Ignition Switch (4 positions) ----- Locked off,
 unlocked off, on and start.
 Starting procedure ----- Turn ignition key to
 extreme right after placing shift lever in neutral
 and depressing clutch.

Motor Drive

Engagement Type ----- Positive shift solenoid
 Number of teeth ----- 9
 Gear ratio (flywheel to starter) ----- 18.6:1
 Flywheel face tooth width
 3-Speed transmission ----- .4135
 Turboglide transmission ----- .3435

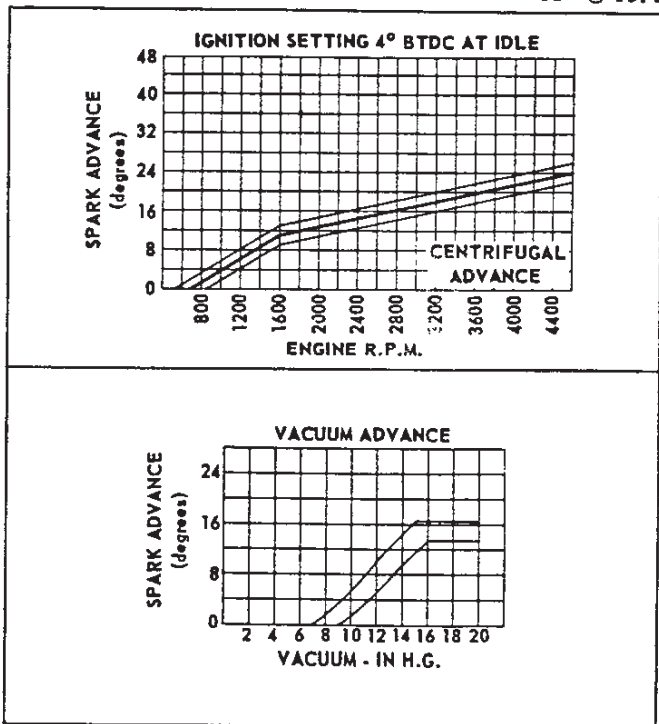
Coil

Make ----- Delco-Remy
 Model ----- 1105083
 Amperes drawn ----- 4.0 (engine stopped)
 ----- 1.8 (engine idling)

Distributor

Make ----- Delco-Remy
 Model ----- 1110907
 Breaker gap ----- .016-.021
 Cam angle ----- 26°-33°
 Breaker arm tension ----- 19-23 oz.
 Spark advance data

Centrifugal advance begins (RPM) ----- 700
 Centrifugal advance max. degrees at RPM -----
 ----- 24 @ 4600
 Vacuum advance max. degrees @ inches HG -----
 ----- 15° @ 15.5



Ignition timing

✓ Crankshaft degrees at initial setting ----- 4° BTDC
 Mark location ----- Vibration damper
 Firing order ----- 1-8-4-3-6-5-7-2

Spark Plug

Make ----- AC
 Model ----- 44
 Thread size ----- 14mm
 Gap ----- .033-.038
 Torque ----- 20-25 lb. ft.

348 V-8 ENGINE (TRIPLE TWO-BARREL CARBURETOR EQUIPMENT)

The Triple 2-barrel V-8 engine is basically the same as the conventional Turbo Thrust 348 except for the differences:

Carburetors:
 Make ----- Rochester Products
 Model, front ----- 7011951
 center ----- 7011952
 rear ----- 7011953
 Type ----- 2 barrel

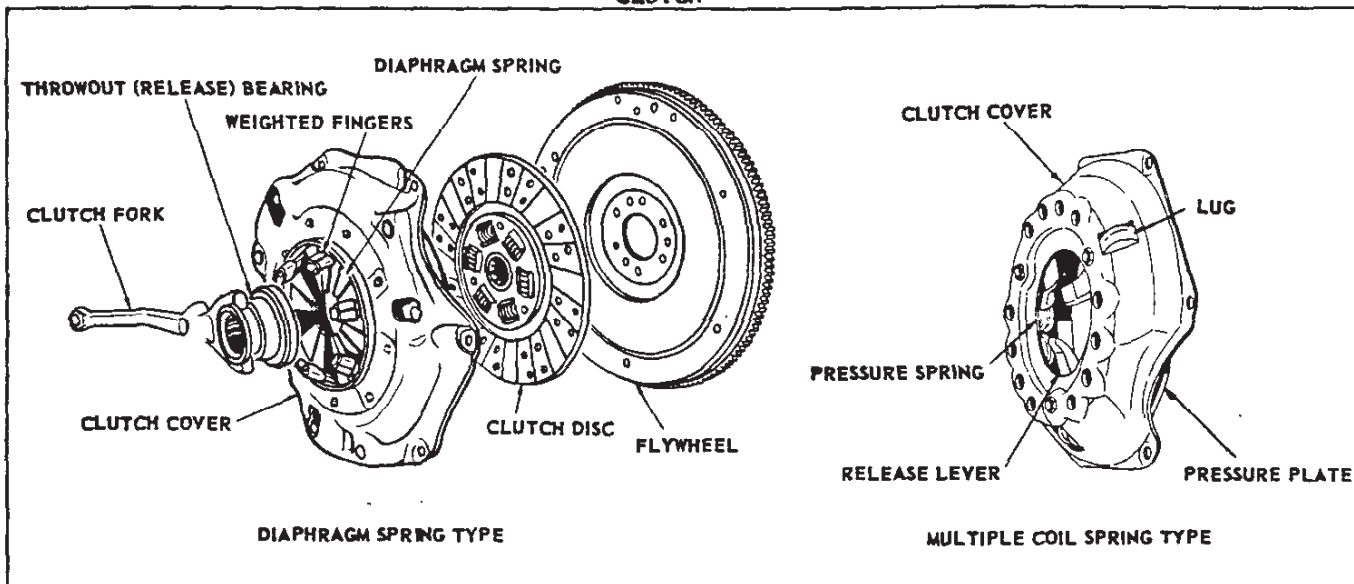
Air Cleaner:
 Make ----- AC
 Element ----- Paper

Coil:
 Make ----- Delco Remy
 Model ----- 1115111

Fuel and Vacuum Pump:
 Make ----- AC
 Type ----- EK
 Pressure range ----- 5-1/4-6-1/2 PSI

(315 H.P. Model)
Loose Setting
Intake Valves - 0.12" O.C.
Exhaust Valves - 0.18
Timing - ~~12-15~~
40 BTDC

CLUTCH



ITEM	Blue Flame 6 3-speed & O-drive	Blue Flame 6 Heavy Duty Clutch	Turbo-Fire V8 3-speed	Turbo-Fire V8 Heavy Duty Clutch	Turbo-Fire & Super Turbo-Fire V8 O-drive	Super Turbo-Fire V8 3-speed	Ram Jet Fuel Injection 3-speed	Turbo Thrust & Super Turbo Thrust V8 3-speed		
Type	Single plate dry disc	Semi-centrifugal single plate, dry disc								
Rated torque cap. (lb. ft.)	228	342	295	342	323	313	323	370		
Drive	Strap							Lug		
Clutch Spring	Material	Spring steel, heat treated								
	Spring pressure	Through diaphragm spring							Coil springs	
	Total pressure	1325-1500	1575-1725	1475-1625	1575-1725	1575-1725	1575-1725	1575-1725	1835 net	
	Release	Diaphragm action, spring pivots on pivot ring							3 levers on pins	
Driven Disc	Type	One spring cushioned plate with two facings								
	Vibration dampers	6 cushion springs			12 springs	6 springs	12 cushion springs			
	Facings (two)	Material	Woven asbestos*							
		O.D.	9.50	11.0	10.0	11.0	10.0	10.0	10.0	10.5
		I.D.	6.00	6.5	6.0	6.5	6.5	6.0	6.5	6.5
		Area(both facings)	85.22	123.70	100.53	123.70	90.72	100.53	90.72	106.86
Thickness	.125	.133	.135	.133	.135	.135	.135	.133		
Bearings	Clutch Release	Type, make	See anti-friction bearing chart							
	Pilot	Lub.	Packed for life							
		Make & no.	Chevrolet-412562							
		Type	Sintered powdered bronze bushing, oil impregnated							
		I.D.	.5915-.5925							
		O.D.	1.0935-1.0945							
		Width	.740-.760							
Lub.	Self									
Controls	Clutch fork type	Forged pivot mounted on ball								
	Pedal mounting	Pendant from brace on dash								
Flywheel	Material	Cast alloy iron								
	Wt. with ring gear (lb.)	28.35	31.25	28.69	29.35	29.35	28.69	28.69	27.50	
	Ring Gear	Type	Hot rolled steel shrunk on flywheel							
		No. teeth	168							
	Width & P.D.	.4110-.4160; 14.00 Pitch Diameter								
Clutch attach. to flywheel		6 Bolts								

* - Molded asbestos used optionally in Blue Flame & Turbo-Fire 3-speed & overdrive clutches.

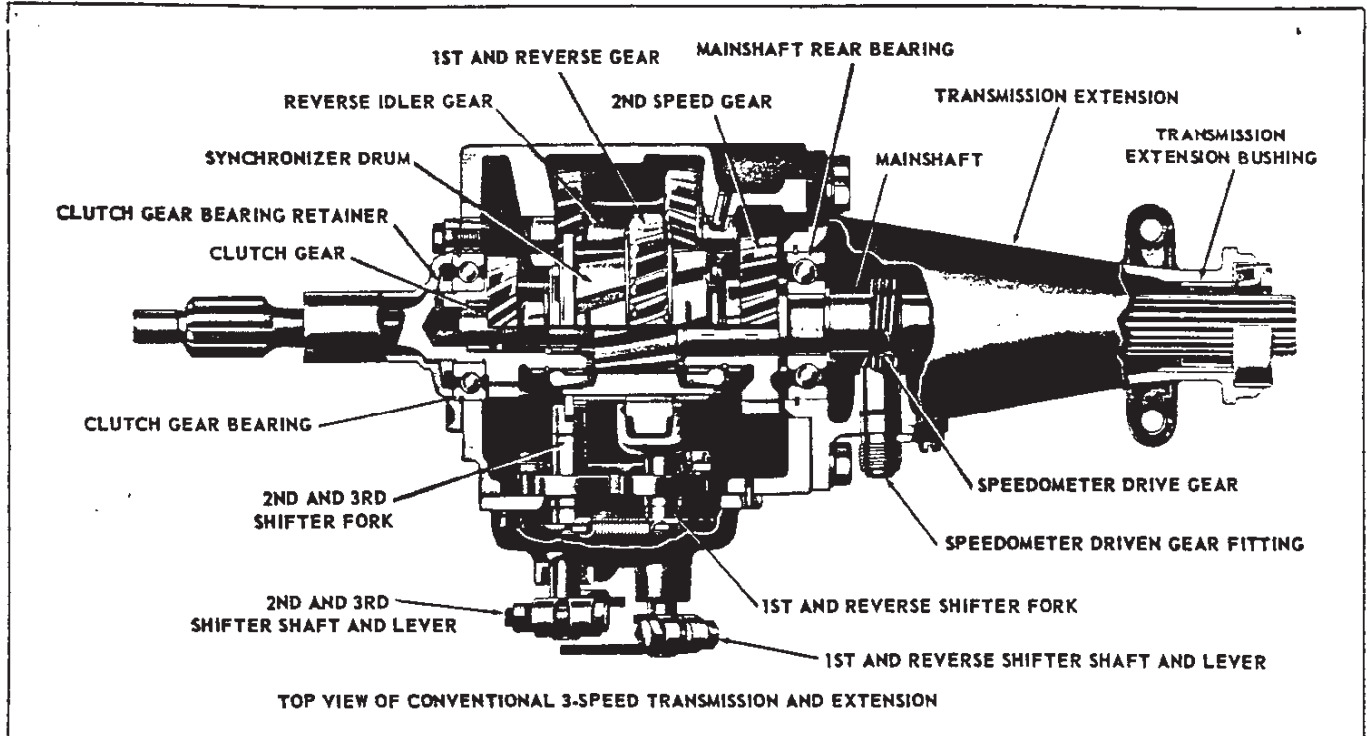
** - Premium grade.

11-29-57

P-60 - CLUTCH

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

TRANSMISSIONS - 3-SPEED AND OVERDRIVE



ITEM	235 cu. in. 6 cyl.	283 cu. in. V-8	348 cu. in. V-8 *	
Make and type	Own, 3-speed synchro-mesh, manual shift			
Gearshift control, type and location	Remote lever mounted on steering column			
Input torque capacity (lb. ft.)	220	260	290	
Gears	Type	All helical		
	Material	Forged steel, hardened		
	Synchronization	2nd and 3rd		
	Constant mesh speeds	2nd		
	Sliding gears	1st and reverse		
	Gear Ratios	First	2.94:1	2.47:1
		Second	1.68:1	1.53:1
Third		Direct	Direct	
Reverse		2.94:1	2.80:1	
Speedometer Gears	Tooth pitch	30		
	Teeth-driving and driven	8 and 22		
Lubricant	Type recommended	SAE 90 transmission multi-purpose or mineral oil lubricant		
	Capacity	2 pints		
Oil seal (transmission extension)	Steel encased double seal of spring loaded synthetic rubber and felt.			
Anti-friction bearings	See anti-friction bearing chart			

* Also used on Corvette

OVERDRIVE UNIT

Type ----- 3-speed synchro-mesh with 3-pinion planetary drive unit. The drive unit with its integral mainshaft replaces the mainshaft and extension of the regular 3-speed transmission.

Lockout switch ----- Manually controlled by "pull type" cable located under instrument panel to right of steering column. With handle fully extended, overdrive is locked-out.

Kickdown switch ----- On carburetor, actuated by accelerator pedal.

Minimum cut-in speed ----- 27-30 MPH

Cut-out speed ----- 18-22 MPH

11-29-57
CHEVROLET 1958 SPECIFICATIONS - PASSENGER

GEAR RATIOS

Overdrive unit	Locked out	Locked in
First	2.94:1	2.058:1
Second	1.68:1	1.176:1
Third	1.00:1	0.700:1
Reverse	2.94:1	

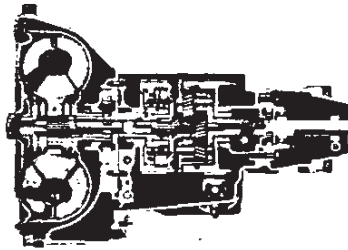
Speedometer gears:

Tooth pitch ----- 30
Teeth-driving and driven ----- 8 & 24

Lubricant:

Type ----- SAE 90 transmission or mineral oil
Capacity:
Transmission ----- 2 pints
Overdrive unit ----- 1 pint
Total ----- 3 pints

POWERGLIDE TRANSMISSION (RPO 313)



GENERAL DATA

Make & type-- Own, automatic hydraulic torque converter with planetary gear system for reverse and low
 Converter maximum torque ratio (at stall)-----2.1:1
 Total transmission torque multiplication (converter planetary gear ratio):

Maximum overall transmission ratio ----- 3.82:1
 Low gear drive or low range ----- 3.82:1 to 1.82:1
 Reverse range ----- 3.82:1 to 1.82:1

Oil type ----- Automatic transmission fluid, type A
 Oil capacity ----- 10-1/2 quarts; refill 4-1/2 qts.
 Oil cooler ----- Integral with radiator assembly and connected to transmission by inlet and outlet pipes.
 Selector lever:

Location ----- On steering column
 Operation -----

Actuates manual valve in hydraulic control system
 Positions (Indicated in quadrant on instrument panel)
 Five; (left to right), Park - Reverse - Neutral - Drive - Low.

Parking lock:
 Type ----- Pawl and gear
 Operation -----

Applied by selector lever through positive linkage.
 Flywheel ---- Steel stamping with welded-on ring gear
 Drive Range - Representative shift points:

Accelerator pedal position	Miles per hour	
	Upshift	Downshift
Closed throttle	13-15	10-13
Throttle at detent	30-45	14-18
Full throttle	48-53	45-50

HYDRAULIC TORQUE CONVERTER

Type ----- Three element
 Driving member (pump) ----- Sheet metal, multi-vane type, spot weld to torque converter housing. The housing cover is bolted to the flywheel.
 Driven member (Turbine) -----
 ----- Sheet metal, multi-vane type supported by torque converter housing cover. Turns independently of housing. Splined to input shaft.
 Reaction member (stator) ----- Aluminum air foil type supported on a stationary sleeve by an overrunning clutch of cam and roller design.

* - At maximum idling speed of 425 RPM in drive.

HIGH CLUTCH

Type ----- Multiple-disc
 Discs:

Driving; number and type -----
 Four, steel with cork and paper facings, bonded.
 Driven; number and type ----- Five, steel

PLANETARY GEAR UNIT

Type ----- Compound planetary
 Gear ratios:

Cruising range ----- 1.1 (Direct drive)
 Low range ----- 1.82:1
 Reverse ----- 1.82:1

Low brake band -----
 Double-wrapped design (linked circular segments)
 Low band servo:

Type ----- Piston, one release spring
 Reverse brake band ----- Single strap
 Reverse band servo:

Type ----- Piston with release spring and inner cushioning spring.

HYDRAULIC CONTROLS

Manual valve:

Type ----- Spool

Pressure regular valve:

Type ----- Spool

Pressure range (PSI):	V-8	6-Cyl.
Drive and Neutral*	50-120	50-77
Low and Park*	120	77
Reverse	250	180

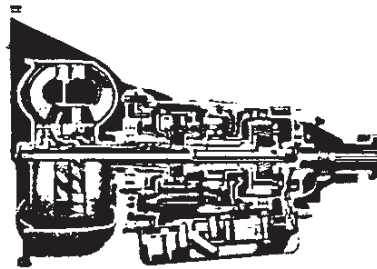
Governor:

Type ----- Centrifugal
 Drive ----- From transmission output shaft
 Location -----

----- Accessible from rear of transmission left side
 Operation -----

----- Regulates pump oil pressure to automatic shifting control valve body.

TURBOGLIDE TRANSMISSION



GENERAL DATA

<p>Make ----- Own</p> <p>Type ----- Three turbine hydraulic torque converter with first and second turbines driving output shaft through planetary gear sets. Planetary gear sets also provide Reverse and Hill Retarder operation. Two position stator vanes provide extra multiplication.</p> <p>Drive position torque multiplication (maximum):</p> <p style="padding-left: 20px;">Low stator ----- 3.8</p> <p style="padding-left: 20px;">High stator ----- 4.3</p> <p>Reverse position torque multiplication ----- 3.0</p> <p>Oil type ----- Type A</p> <p>Oil capacity, dry ----- 19 pts.</p> <p style="padding-left: 40px;">refill ----- 4 pts.</p> <p>Oil cooler -----</p> <p style="padding-left: 20px;">----- Integral with radiator assy. and connected to transmission by inlet and outlet pipes.</p>	<p>Selector lever:</p> <p style="padding-left: 20px;">Location ----- On steering column</p> <p style="padding-left: 20px;">Operation ----- Actuates manual valve in hydraulic control system.</p> <p>Quadrant positions (on instrument panel):</p> <p style="padding-left: 20px;">Number ----- Five</p> <p style="padding-left: 20px;">P ----- Park</p> <p style="padding-left: 20px;">R ----- Reverse</p> <p style="padding-left: 20px;">N ----- Neutral</p> <p style="padding-left: 20px;">D ----- Drive</p> <p style="padding-left: 20px;">GR ----- Grade Retarder</p> <p>Line pressures:</p> <p style="padding-left: 20px;">Park ----- 60 PSI</p> <p style="padding-left: 20px;">Reverse ----- 52-200 PSI</p> <p style="padding-left: 20px;">Neutral ----- 60 PSI</p> <p style="padding-left: 20px;">Drive ----- 52-200 PSI</p> <p style="padding-left: 20px;">Grade Retarder ----- 60 PSI</p>
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HYDRAULIC TORQUE CONVERTER

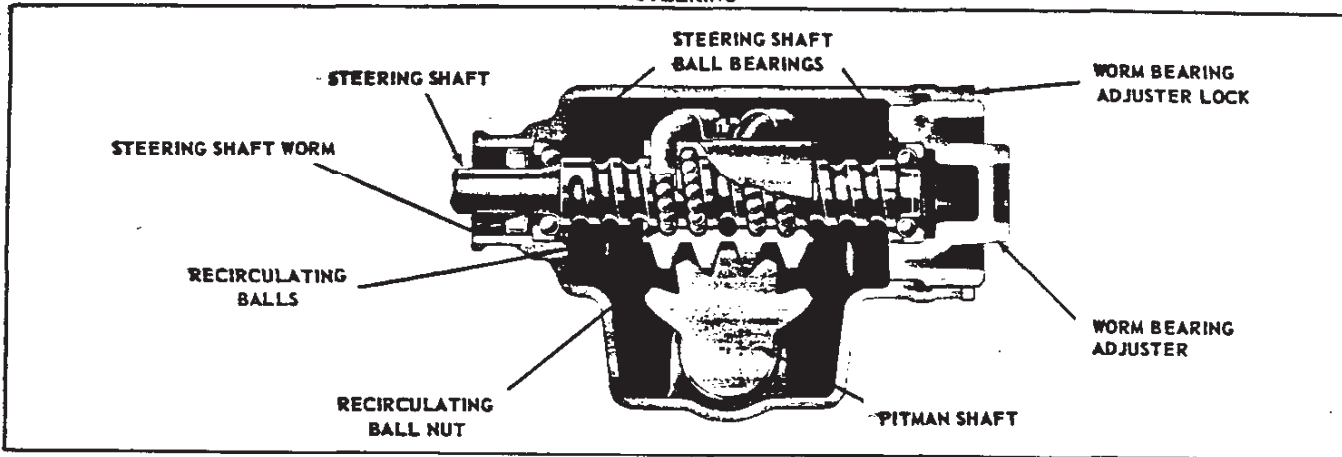
<p>Type ----- Five element</p> <p>Driving member (pump) ----- Sheet metal, multi-vane type, spot-welded to torque converter housing. The housing cover is bolted to the flywheel.</p> <p>Driven members:</p> <p style="padding-left: 20px;">First turbine ----- Die-cast aluminum axial flow air foil type, drives thru a cover splined to the rear sun gear shaft.</p> <p style="padding-left: 20px;">Second turbine ----- Die-cast aluminum axial flow air foil type, splined to front ring gear.</p>	<p style="padding-left: 20px;">Third turbine ----- Sheet metal, multi-vane type, splined to planetary carrier hollow shaft.</p> <p>Reaction member (stator) ----- Aluminum air foil type with dual pitch, controlled by accelerator position.</p> <p>Drive gear ratios:</p> <p style="padding-left: 20px;">Drive position - front planetary gear set ----- 1.63:1</p> <p style="padding-left: 40px;">- rear planetary gear set ----- 2.67:1</p> <p style="padding-left: 20px;">Hill Retarder position -----</p> <p style="padding-left: 40px;">Rear planetary gear set ----- 2.67:1</p>
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BODY GLASS DATA

Models†	1221	1241 1641 1841	1249 1649 1849	1831	1839	1847	1867	1271	1291	1293 1693 1893	1694
Windshield	Laminated safety plate, one piece, curved										
Front door	Drop glass	Laminated safety plate									
	Ventipane										
Rear door	Drop glass		LSP							LSP	LSP
	Fixed vent		SSP							SSP	SSP
	Pivot glass				LSP						
Rear quarter	Fixed glass	SSP							SSP	SSP	LSP
	Sliding glass										LSP
	Pivot glass		LSP		LSP		LSP	LSP		LSP	
Rear window (backlight)	Safety solid plate curved						Vinyl				
Liftgate	Safety solid plate, curved										

† - Eight cylinder models shown; corresponding six cylinder models identical.

STEERING



Steering Gear:

Make ----- Saginaw
 Type ----- Semi-reversible recirculating ball
 Gear ratio ----- 20:1
 Overall ratio ----- 23:1
 Steering mainshaft diameter ----- .750
 Steering column diameter ----- 2.00
 Steering wheel diameter ----- 17.00

Turning diameters

Outside front:
 Right and left wall to wall ----- 42.69
 Right and left curb to curb ----- 38.98
Inside rear:
 Right and left wall to wall ----- 22.30
 Right and left curb to curb ----- 22.91
 Inside wheel angle with outside wheel at 20°-18°20'
 Number of wheel turns:
 To steering gear stop ----- 5.34
 To wheel stops on control arm ----- 5.06

Linkage:

Type ----- Relay
 Location ----- To front of wheels
 Drag link ----- Longitudinal
 Tie rods ----- 2

Power Steering (RPO 324):

Make ----- Saginaw
 Type ----- Hydraulic
Pump:
 Type ----- Vane
 Mounting ----- On rear of generator
 Drive ----- From splined extension of generator drive shaft.
 Maximum pump pressure ----- 750-800 PSI
 Fluid capacity ----- 1.5 pts.
Generator:
 Make and model ----- Delco-Remy, 1102115
 Pulley size (pitch diameter) ----- 3.32, 36°V
 Ratio (generator to engine) ----- 2.00:1
 Belt size:
 6 cylinder engine ----- .310x41.33 pitch length
 8 cylinder engine ----- .375x54.71 pitch length
 Power application ----- Double acting piston in power cylinder is actuated by control valve after approximately 3 pounds of pressure is exerted at the steering wheel.
 Overall ratio ----- 23:1
 Steering assistance provided ----- N. A.

WHEELS AND HUB CAPS

Make and type	Own, full disc.
Attachment to hub	5 hex. nuts, 7/16-20
Bolt circle diameter	4.75
Offset and rim size	.560 x 14x5J(modified)
Paint	See ext. colors & finishes
Hub cap(11-12-15-1600)	Stainless steel, 10.69 dia.
Hub cap(17-1800)	Stainless steel, 14.32 dia.



11-12-15-1600
Series



17-1800
Series

TIRE DATA (TUBELESS)

Tire size and ply rating	Type	Usage	Tire and rim association standards				
			Loaded rolling radius	Loaded, rev's per mile	Loaded capacity each tire	Pressure:	
						Front	Rear
7.50-14-4	Blackwall	Regular on all except Convertibles & Station Wagons	12.86	784	1085	24	24
7.50-14-4	Whitewall	RPO on all except Convertibles & Station Wagons					
8.00-14-4	Blackwall	Regular on Conv. & Station Wagons	13.11	770	1175	24	24
8.00-14-4	Whitewall	RPO all					

11-29-57

P-64 - STEERING, WHEELS AND TIRES

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

LIGHTS, SWITCHES, BULBS, CIRCUIT BREAKERS AND TOOLS

Head Lights:

Make and type ----- Guide T-3, dual horizontal
 Location ----- In front fender face
 Sealed beam unit diameter ----- 5.34
 Dimmed by ----- Foot switch
 High beam indicator -----
 ----- Chevrolet emblem in speedometer face
 Watts ----- 37.5-50
 Volts ----- 12-16

Parking Lights:

Location ----- Outer lamps in dual housings
 Bulb replacement ----- Remove screws in plastic lens
 Controlled by ----- Main switch

Tail and Stop Lights:

Make and type ----- Guide
 Station Wagon ----- Tail and stop in one unit
 Standard Sedans
 Outboard ----- Tail, stop and turn signal
 Inboard ----- Tail or back-up lamp
 Impala
 Outboard ----- Tail, stop and turn signal
 Center ----- Back-up lamp
 Inboard ----- Tail lamp only

Directional Signal:

Make ----- Guide
 Type ----- Flasher, front and rear, self cancelling
 Front ----- Uses double
 ----- filament parking lamp bulb
 Rear ----- Uses double filament parking lamp bulb
 Turn indicators on dash -----
 ----- Arrows above instrument cluster face

BULBS(Standard equipment)

		Quan.	Trade No.	CP [†]
Headlamp	Inner High beam	2	4001	37.5W
	Outer High beam	2	4002	37.5W
	Low beam			50W
Headlamp beam indicator		1	53	1
Direction sig. inst. cluster		2		
Generator indicator		1		
Glove compartment \$		1	57	2
Oil pressure indicator		1		
Instrument cluster		4		
Clock %		1		
License lamp		1	67	3
Dome lamp		1	1004	15
Parking & direction Signal combination	Parking	2	1034	4
	Direction			32
Tail & stop lamp	Tail	2	1034	4
	Stop			32
Tail lamp (inner)@		2	67	4
Roof rail dome lamps +		2	90	6
Courtesy lamp *		2	89	6

† - Candlepower. \$ - Std. on 1500-1600-1700-1800 only.

@ - All exc. Sta. Wgns & Sed Del. + - Impala Sport Coupe.

* - Convertible only. % - Std. on 1700-1800 only.

Tools

Jack ----- Column and bracket serve as spare wheel support; base as wheel clamp. (All models except station wagons and sedan delivery).
 Capacity ----- 1200 lb.
 Height ----- 27.00 raised; 4.50 lowered
 Wheel wrench ----- Designed to serve also as jack handle and hub cap remover

11-29-57

CHEVROLET 1958 SPECIFICATIONS - PASSENGER

Instrument Panel Lighting:

Temperature gauge ----- Clear white light
 Gasoline gauge ----- Clear white light
 Speedometer dial ----- Clear white light
 High beam indicator ----- Red when lighted
 Oil pressure indicator ----- The word "OIL"
 (black letters on red ground) visible when oil pressure is below safety level.

Generator ----- The word "GEN"
 (black letters on red grounds) visible when generator is not charging.

Turn indicators ----- Green when lighted
 Automatic Transmission Shift Indicator -----
 ----- Clear white light

Others:

Controls ----- Reflected green light
 Glove compartment ----- Clear white light when switch is actuated by opening compartment door.

Main Switch:

Three position "pull" type switch mounted on instrument panel with protective fuse. A rheostat operated by rotating the switch knob controls the brightness of the instrument panel lights. Passenger compartment lights are controlled by a detent in the rheostat when switch knob is rotated to extreme travel counter clockwise.

Passenger Compartment Lights:

Impala Sport Coupe ----- Dual roof rail lamps
 Convertible ----- Dual courtesy lamps, one under instrument panel each side.

Station Wagons ----- Single dome light located approximately at center of roof. In addition to switches listed below, a manual switch is provided at light.

All others ----- Single dome light located approximately at center of roof. Manually controlled by ----- Main Switch
 Automatically controlled by ----- Opening front doors only on 1500 - 1600 - 1700 - 1800 Series
 No automatic control on 1100-1200 Series

Rear License Lights:

All Models -----
 ----- One housed in upper portion of bumper face bar

Circuit Breaker:

Type and location ----- Bimetal thermal elements incorporated in main switch.
 Capacity ----- 15 amperes

Horns:

Make ----- Delco-Remy
 Type ----- Vibrator
 Number and Location ----- Two attached to radiator side supports.

Relay in Circuit ----- Yes
 Current, high note ----- 8-11 amperes
 low note ----- 8-11 amperes

COLOR SPECIFICATION

ENGINEERING DEPT.

PASSENGER

GENERAL MOTORS OF CANADA LIMITED

STANDARD PRODUCTION COLOURS

CHART - PAINT & TRIM USAGE 11-1200 SERIES

SOLID EXTERIOR COLOUR USAGE

BODY MODEL TRIM COMBINATION NO. & DESCRIPTION COLOUR NAME & COMBINATION NUMBER	11-1221 41-49	11-1241 -49	11-1241 -49	1171 1271	11-1291 -93	11-1291 -93		
	Gunmetal Sheffield Cloth with Silver Coated Fabric	Med. Green Sheffield Cloth with Met. Lt. Green Coated Fabric	Med. Blue Sheffield Cloth with Met. Lt. Blue Coated Fabric	Gunmetal Sheffield Coated Fabric with Silver Coated Fabric	Gunmetal Sheffield Coated Fabric with Silver Coated Fabric	Med. Gold Sheffield Coated Fabric With Beige Coated Fabric		
	800	812	830	801	802	843		
Onyx Black	1001	X		X	X			
Fathom Blue Met.	1002		X	X		X		
Cay Coral Met.	1003	X			X			
Forest Green Met.	1004		X	X		X		
Seaforth Green	1005		X	X	X			
Viking Blue	1006			X	X	X		
Dover White	1007	X	X	X	X	X		
Colonial Cream	1008		X			X		
Rio Red	1009	X			X	X		
Aegean Turquoise Met.	1010	X				X		
Tropic Turquoise	1011	X				X		
Anniversary Gold Met.	1012	X					X	
Silver Grey Met.	1013	X		X		X		
Sierra Gold Met.	1014	X				X	X	
Honey Beige	1015	X	X		X		X	
Silver Blue Met.	1016			X		X		
Starlight Blue Met.	1026			X	X		X	

COPIES TO 165

REMARKS (3-4-58) T.C. 812 & 830 added to C.C. 1007 & T.C. 830 added to C.C. 1013, T.C. 812 added to C.C. 1015 per Sales Dept. request.

DATE ISSUED

7-25-57

App'd by - W.H. Boiscoin

Checked by - R. McEachern

COLOR SPECIFICATION

ENGINEERING DEPT.

GENERAL MOTORS OF CANADA LIMITED

PASSENGER

STANDARD PRODUCTION COLOURS

CHART - PAINT & TRIM USAGE

TWO-TONE EXTERIOR COLOURS

1731-39-41-49

1831-39-41-49

BODY MODEL TRIM COMBINATION NO. & DESCRIPTION COLOUR NAME & COMBINATION NO.			Silver Shalimar Cloth with Silver Coated Fabric	Med. Green Shalimar Cloth with Med. Green Coated Fabric	Med. Blue Shalimar Cloth with Med. Blue Coated Fabric	Med. Turquoise Shalimar Cloth with Med. Turquoise Coated Fabric	Med. Gold Shalimar Cloth with Med. Gold Coated Fabric	Med. Coral Shalimar Cloth with Med. Coral Coated Fabric	Silver Shalimar Cloth with Red Coated Fabric
			805	814	825 821	835	846	860	936
Roof & Upper Body	Lower Body								
Silver Blue Met.	Dover White	1601			X				
Onyx Black	Dover White	1602	X						X
Forest Green Met.	Seaforth Green	1603		X					
Fathom Blue Met.	Viking Blue	1604			X				
Dover White	Seaforth Green	1605		X					
Dover White	Viking Blue	1606			X				
Silver Grey Met.	Dover White	1607	X						X
Aegean Turq. Met.	Tropic Turquoise	1608				X			
Aegean Turq. Met.	Dover White	1609				X			
Rio Red	Dover White	1610	X						X
Dover White	Tropic Turquoise	1611				X			
Dover White	Sierra Gold Met.	1612	X				X		
Colonial Cream	Dover White	1613		X					
Cay Coral Met.	Dover White	1614						X	
Anniversary Gold	Honey Beige	1615					X		
Starlight Blue Met	Viking Blue	1640			X				
Chateau Grey Met.	Dover White	1647	X						

COPIES TO

165

REMARKS (8-23-57) Anniversary Gold was Venetian Gold for C.C. #1615. (8-27-57) C.C. #1608 & 1609 corrected. (11-15-57) T.C. 805 added for C.C. 1612. C.C. #1640 & 1647 added. T.C. 821 added. (3-3-58) T.C. 936 added. (3-12-58) Description of T.C. 936 added.

7-30-57

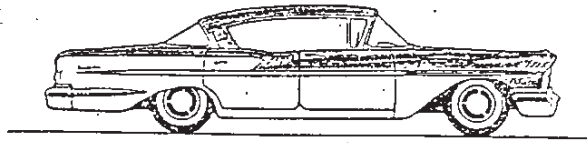
DATE ISSUED

App'd by - W.H. Boissoin

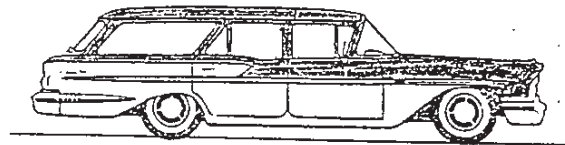
ISSUED BY - R. McEachern:MM

Form EM-98	1958 CHEVROLET	SHEET #13
COLOR SPECIFICATION	PASSENGER	
ENGINEERING DEPT.	STANDARD PRODUCTION COLOURS	
GENERAL MOTORS OF CANADA LIMITED		

MASTER PAINT CHART - M/17-1831-39-41-49-93 TWO-TONE (OPTION 357)



BEL AIR MODELS



NOMAD STATION WAGON

ROOF, UPPER BODY, HOOD, UPPER FENDER	LOWER BODY COMB. LOWER FENDER NO.	LOWER BODY								Wheel Comb. No.
		Dover White	Seaforth Green	Viking Blue	Tropic Turquoise	Sierra Gold Met.	Honey Beige			
Silver Blue Met.	1601	x								#13
Onyx Black	1602	X								#13
Forest Green Met.	1603		X							#13
Fathom Blue Met.	1604			X						#13
Dover White	1605		X							#13
Dover White	1606			X						#13
Silver Grey Met.	1607	X								#13
Aegean Turquoise Met.	1608				X					#13
Aegean Turquoise Met.	1609	X								#13
Rio Red	1610	X								#13
Dover White	1611				X					#13
Dover White	1612					X				#13
Colonial Cream	1613	X								#13
Cay Coral Met.	1614	X								#13
Anniversary Gold Met.	1615						X			#13

COPIES TO	165	REMARKS (8-23-57) Anniversary Gold was Venetian Gold for C.C. #1615. (8-27-57) C.C. #1608 & 1609 corrected. (9-24-57) Illustrations added.
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