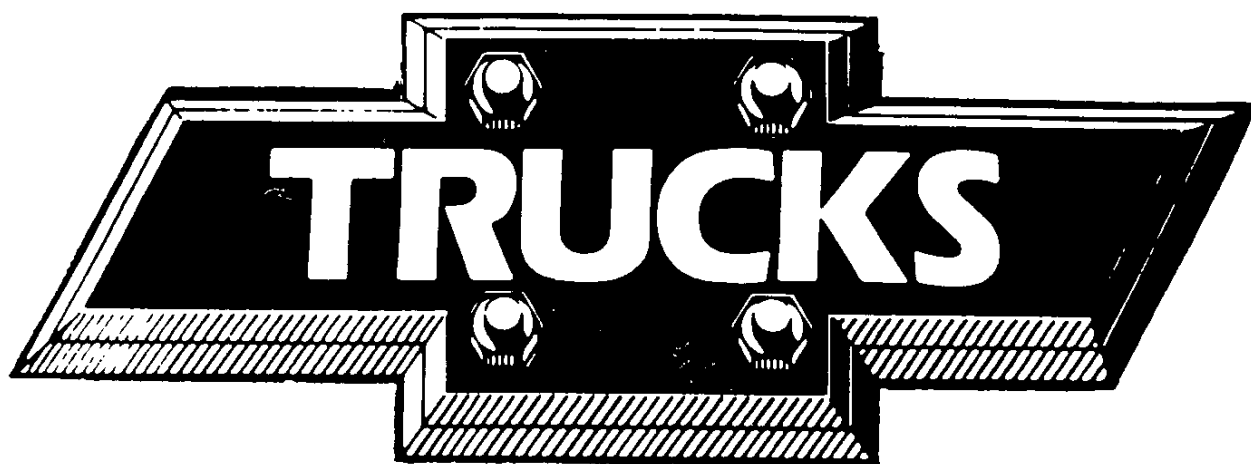


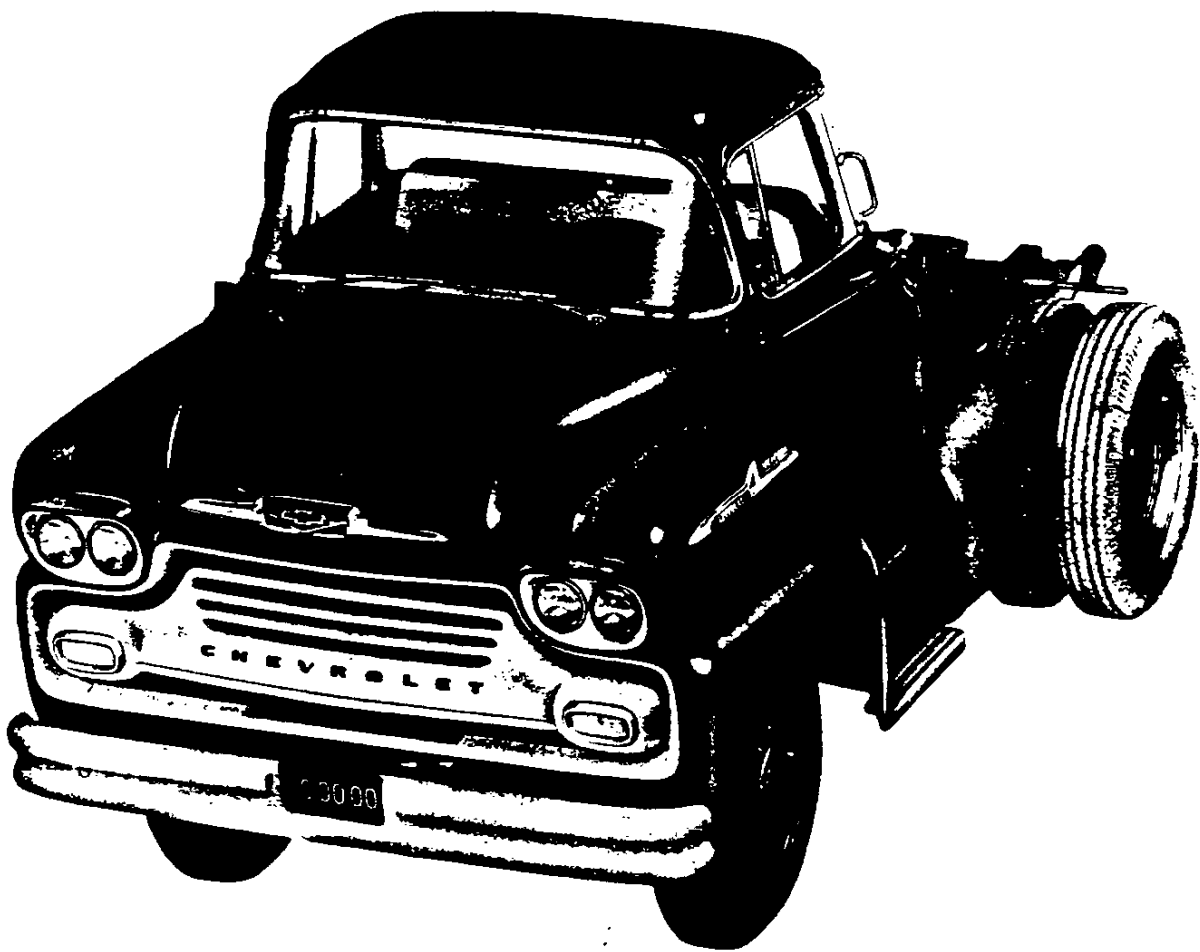
CHEVROLET



1958



1958 TRUCKS



ORIGINAL COPY

MODELS

Type	Series	Wheel-base	Sedan Delivery	Flat Face Cowl	School Bus Chassis	Cab Chassis	Step-side Pickup	Fleet-side Pickup	Panel	Suburban Carryall	Stake	W/S Cowl	Forward Control Chassis	Step Van	
LIGHT DUTY	1100	119	1170												
	1200	119	1270												
	3100	114		3102		3103	3104	3134	3105	3106-16		3112			
	31(4 WD)	114				3153	3154	3184	3155	3156-66					
	3200	123-1/4				3203	3204	3234							
	3400	104											3442	3445	
	3500	125											3542	3545	
	3600	123-1/4		3602		3603	3604	3634			3609	3612			
	36(4 WD)	123-1/4				3653	3654	3684			3659				
	3700	137											3742	3745	
MEDIUM DUTY	4000	132-1/2		4102		4103					4109	4112			
		156-1/2		4402		4403					4409	4412			
		156-1/2			4502										
	5000S	112-5/8					5103S								
		124-5/8					5303S								
		136-5/8					5403S				5409S				
		160-5/8					5703S								
	5000	112-5/8					5103								
		124-5/8					5303								
		136-5/8					5403				5409				
5000H	112-5/8					5103H									
	124-5/8					5303H									
	136-5/8					5403H				5409H					
	160-5/8					5703H									
6000S	132-1/2			6102S		6103S					6109S	6112S			
	144-1/2					6303S									
	156-1/2			6402S		6403S					6409S	6412S			
	174-1/2			6502S		6503S						6512S			
	196-1/2					6703S									
6000	129-5/8												6242		
	132-1/2			6102		6103					6109	6112			
	144-1/2					6303									
	153-5/8												6642		
	156-1/2			6402		6403					6409	6412			
	174-1/2			6502		6503						6512			
	196-1/2				6702	6703									
222-1/2				6802											
6000H	132-1/2			6102H		6103H					6109H	6112H			
	144-1/2					6303H									
	156-1/2			6402H		6403H					6409H	6412H			
	174-1/2			6502H		6503H						6512H			
	196-1/2					6703H									
HEAVY DUTY	7000	112-5/8				7103					7109				
		124-5/8				7203									
		172-5/8				7703									
	8000	132-1/2					8103					8109			
		144-1/2					8203								
		156-1/2					8403*					8409			
		174-1/2					8503*								
		192-1/2					8703*								
	240				8802										
	9000	112-5/8					9103								
124-5/8						9203									
172-5/8						9703									
10000	132-1/2					10103									
	144-1/2					10203									
	156-1/2					10403*									
	174-1/2					10503*									
	192-1/2					10703*									
240				10802											

* - Also available as tandem axle model when equipped with RPO 476 or 682.

11-29-57 Data revised 6-27-58

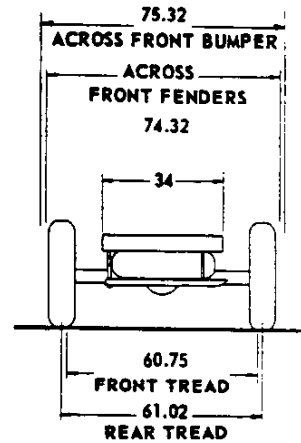
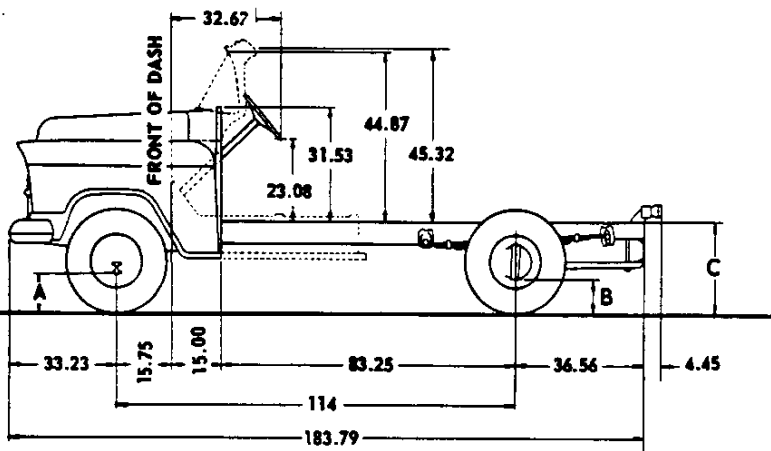
T-2. MODELS

CHEVROLET 1958 SPECIFICATIONS - TRUCK

CHASSIS AND BODY DIMENSIONS

MODEL 3102 CHASSIS WITH FLAT FACE COWL
 MODEL 3112 CHASSIS WITH WINDSHIELD COWL

MINIMUM GVW 4000 LBS.
 MAXIMUM GVW 5000 LBS.



Equipment	Height Without Body and Payload			Tires	
	A	B	C	Front	Rear
Standard	8.04	7.68	25.55	6.70-15-4pr	6.70-15-4pr
Minimum for Max GVW	8.94	8.58	27.29	7-17.5-6pr	7-17.5-6pr

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
⊕ 3102	1651	749	2400	1704	811	2515	2350	Determined by style, length and weight or body		
⊕ 3112	1666	874	2540	1723	937	2660	2200			

10-31-57 Data revised 6-27-58

⊕ - Estimated Weight.

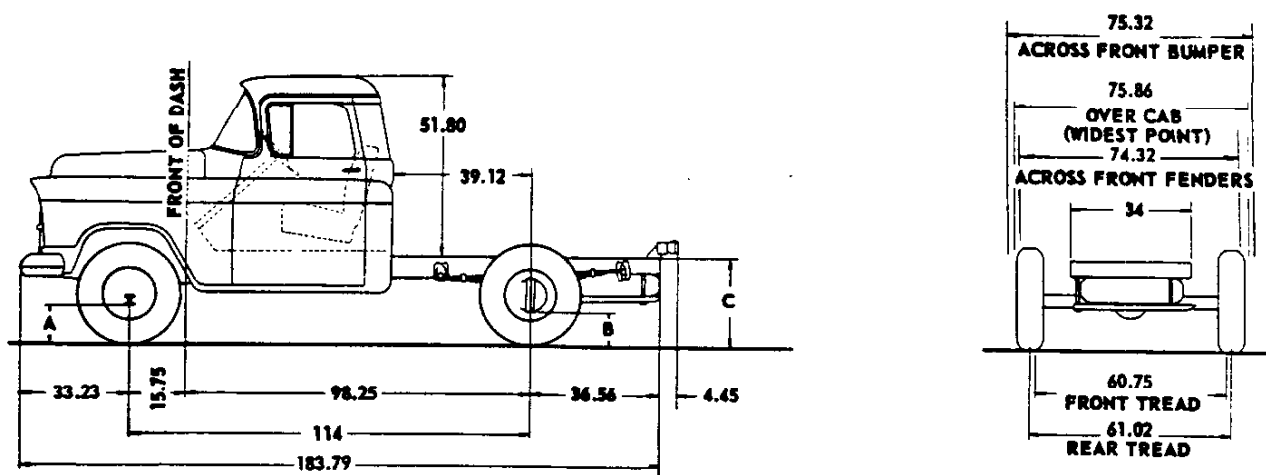
CHEVROLET 1958 SPECIFICATIONS - TRUCK

MODELS 3102 AND - 3112 DATA - T-3

CHASSIS AND BODY DIMENSIONS

MODEL 3103 CHASSIS WITH CAB

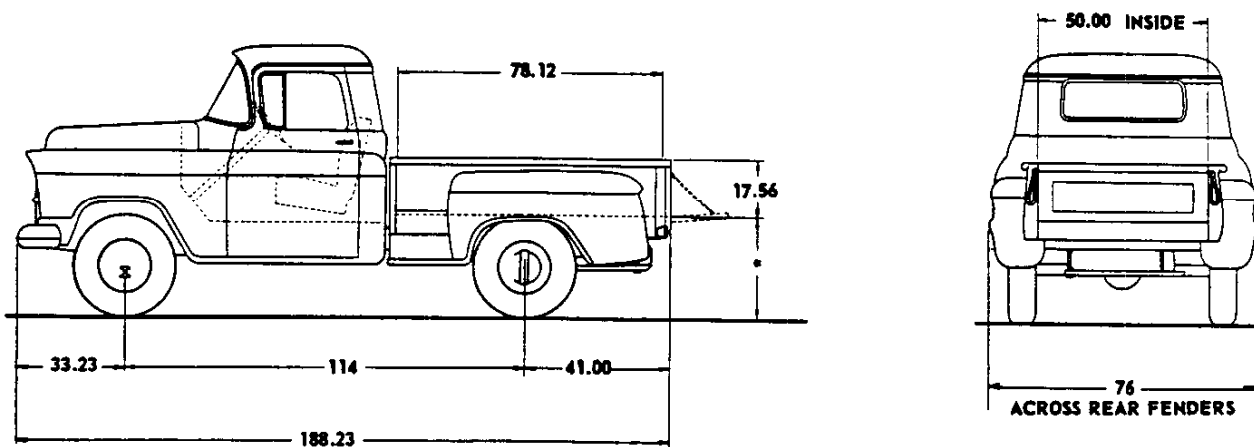
MINIMUM GVW 4000 LBS.
MAXIMUM GVW 5000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	8.04	7.68	25.61	6.70-15-4pr	6.70-15-4pr
Minimum for Max GVW	8.94	8.58	27.36	7-17.5-6pr	7-17.5-6pr

MODEL 3104 PICKUP TRUCK

MINIMUM GVW 4000 LBS.
MAXIMUM GVW 5000 LBS.



Equipment	* Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	25.69	27.55	6.70-15-4pr	6.70-15-4pr
Minimum for Max GVW	26.02	29.67	7-17.5-6pr	7-17.5-6pr

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and/or Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
3103	1941	979	2920	2025	1040	3065	1800	1%	99%	72
3104	1930	1335	3265	2015	1395	3410	1500	0%	100%	78

⊙ - Estimated Weights

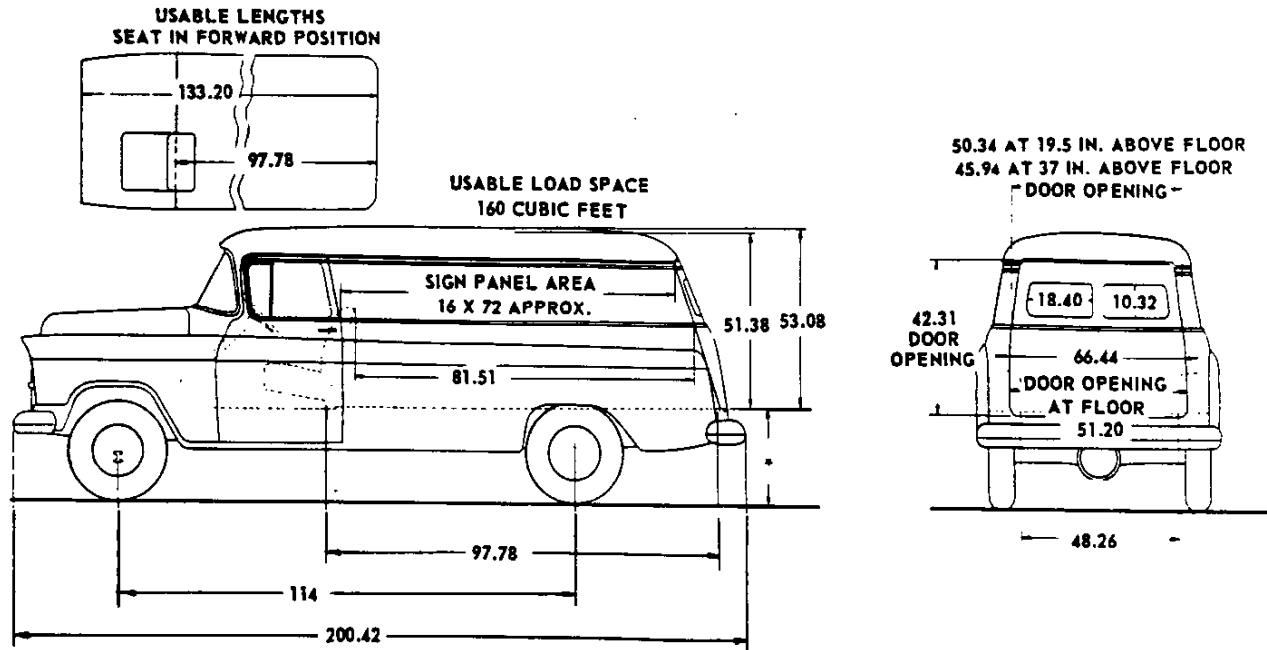
10-31-57 Data revised 6-27-58
T-4 - MODELS 3103 AND 3104 DATA

CHEVROLET 1958 SPECIFICATIONS - TRUCK

CHASSIS AND BODY DIMENSIONS

MODEL 3105 PANEL TRUCK

MINIMUM GVW 4000 LBS.
MAXIMUM GVW 5000 LBS.



Equipment	*Platform Height		Tires	
	Loaded	Unloaded	Front	Rear
Standard	25.38	26.50	6.70-15-4pr	6.70-15-4pr
Minimum for Max GVW	25.78	28.83	7-17.5-6pr	7-17.5-6pr

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

MODEL	WITH STANDARD EQUIPMENT					WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb		Payload	Payload Distribution		
	Front	Rear	Total	Front	Rear		Front	Rear	
3105 Ⓞ	1840	1650	3490	1917	1713	3630	1250	5%	95%

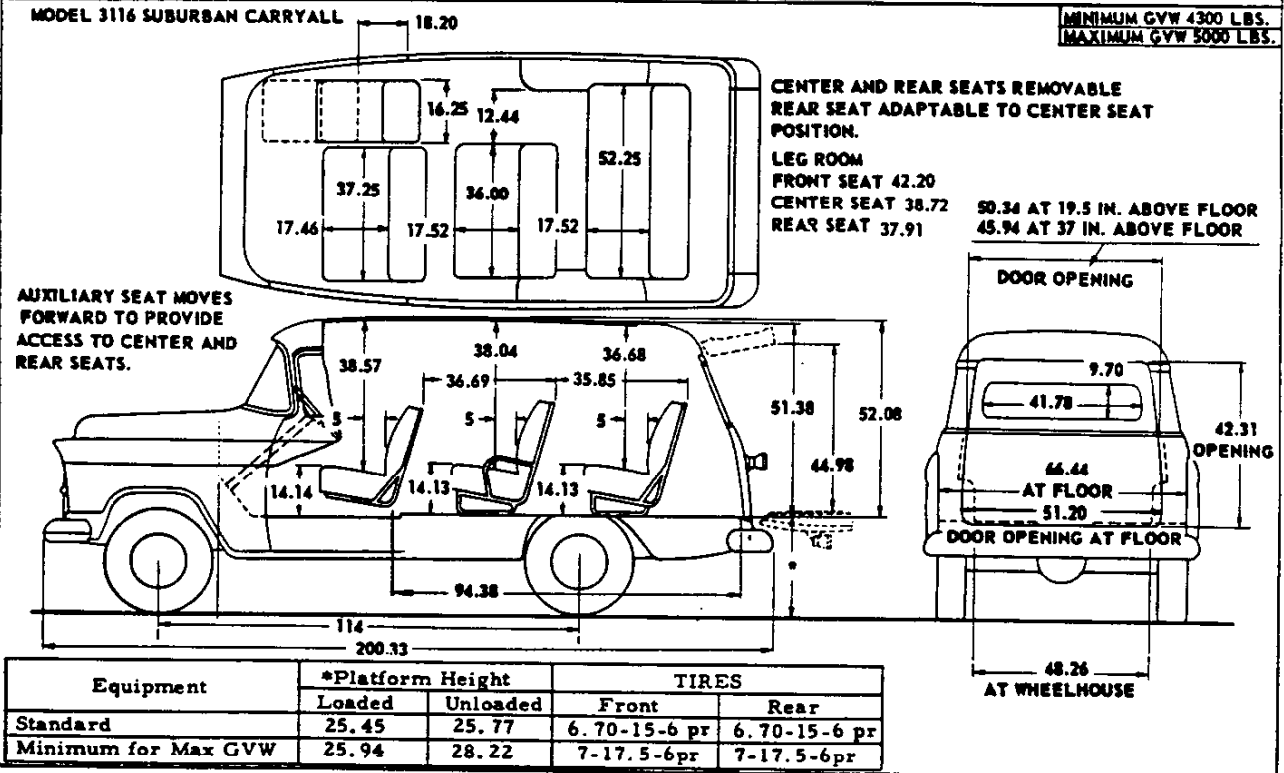
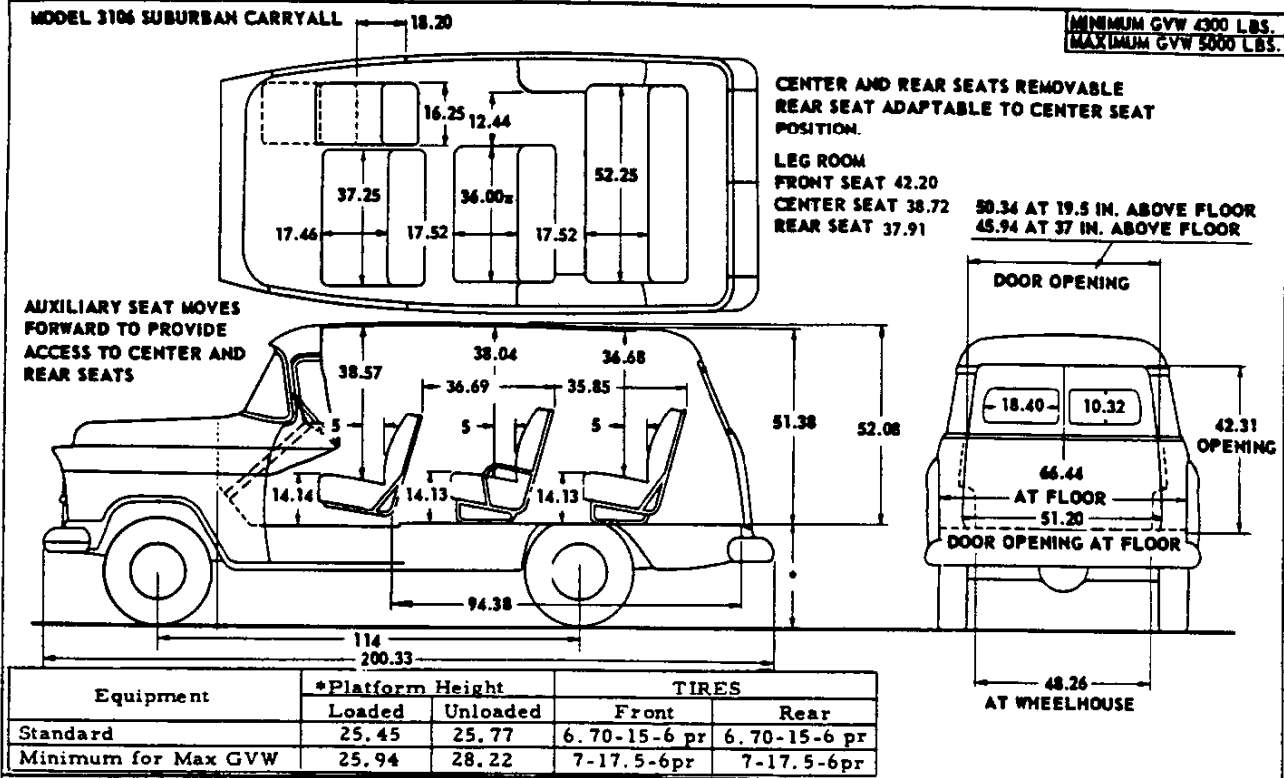
10-31-57 Data revised 6-27-58

Ⓞ - Estimated Weights

CHEVROLET 1958 SPECIFICATIONS - TRUCK

MODEL 3105 DATA - T-5

CHASSIS AND BODY DIMENSIONS



VEHICLE WEIGHTS AND LOAD DISTRIBUTION

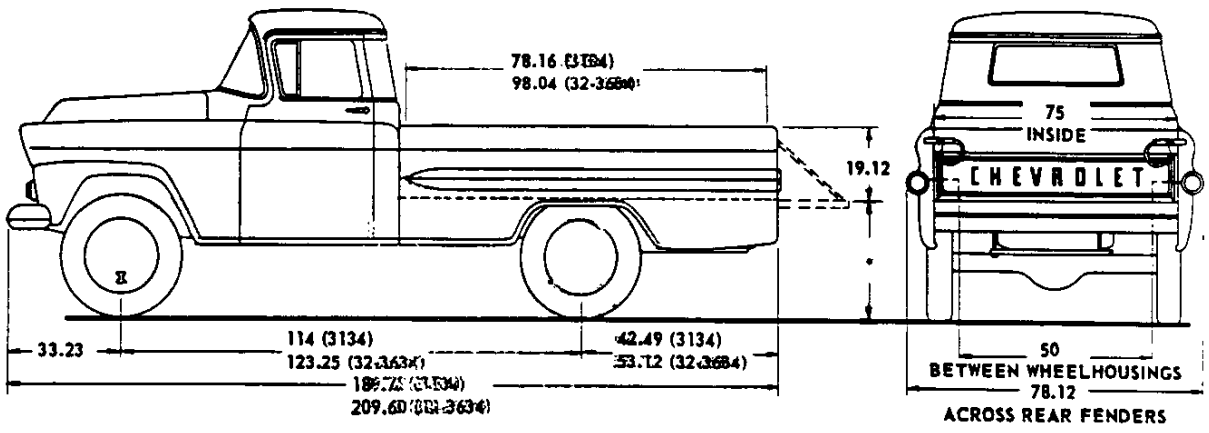
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW		
	Shipping			Curb			Payload	Payload Distribution	
	Front	Rear	Total	Front	Rear	Total		Front	Rear
3106	1886	1904	3790	1962	1968	3930	950	4%	96%
3116	1880	1915	3795	1958	1977	3935	950	4%	96%

10-31-57 Data revised 6-27-58
T-6 MODELS 3106 AND 3116 DATA

CHASSIS AND BODY DIMENSIONS

MODEL 3134, 3234, 3634 FLEETSIDE PICKUP

3134	MIN. GVW 4000 LBS.
3234	MAX. GVW 5000 LBS.
3634	MIN. GVW 5200 LBS.
	MAX. GVW 6900 LBS.



Equipment	3134-3234				3634			
	*Platform Height		Tires		*Platform Height		Tires	
	Loaded	Unloaded	Front	Rear	Loaded	Unloaded	Front	Rear
Standard	25.85	27.60	6.70-15-4	6.70-15-4	27.14	29.74	7-17.5-6	7-17.5-6
Minimum for Max. GVW	26.15	29.75	7-17.5-6	7-17.5-6	29.36	33.52	8-19.5-6	8-19.5-6

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
3134	1930	1340	3270	2014	1401	3415	1450	0%	100%	78
3234	1995	1420	3415	2081	1474	3555	1350	0%	100%	98
3634	2105	1605	3710	2184	1706	3890	2900	0%	100%	98

6-27-58

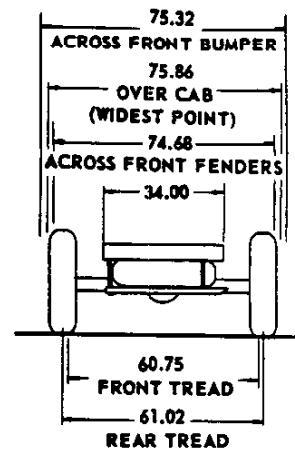
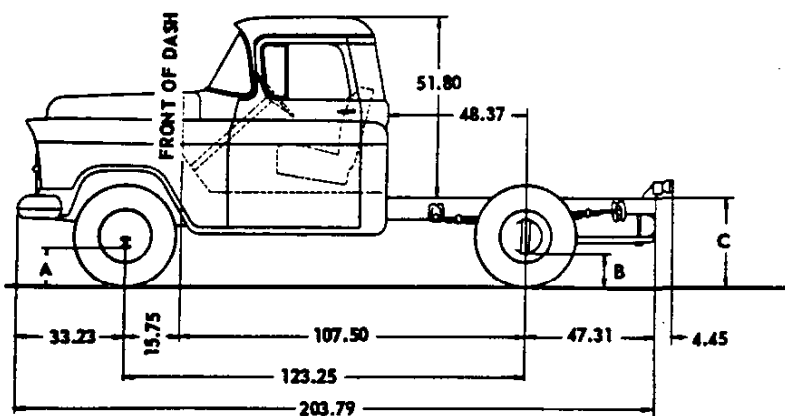
CHEVROLET 1958 SPECIFICATIONS

MODELS 3134, 3234, 3634 DATA - T-7

CHASSIS AND BODY DIMENSIONS

MODEL 3203 CHASSIS WITH CAB

MINIMUM GVW 4000 LBS.
MAXIMUM GVW 5000 LBS.

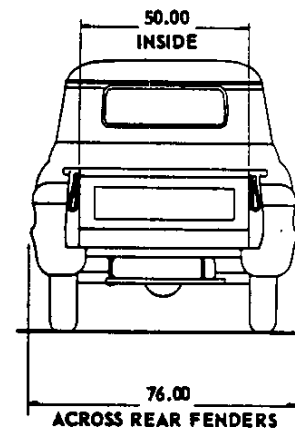
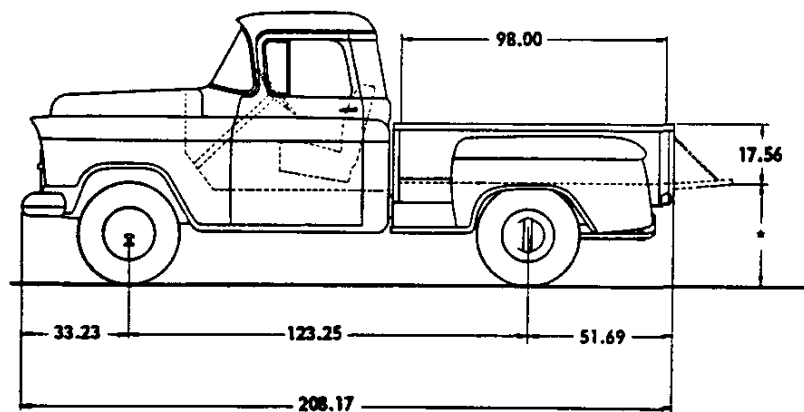


Equipment	Height*			Tires	
	A	B	C	Front	Rear
Standard	8.04	7.68	25.94	6.70-15-4pr	6.70-15-4pr
Minimum for maximum GVW	8.94	8.58	27.49	7.17.5-6pr	7.17.5-6pr

* - Less body and payload

MODEL 3204 PICKUP TRUCK

MINIMUM GVW 4000 LBS.
MAXIMUM GVW 5000 LBS.



Equipment	* Platform Height		Tires	
	Loaded	Unloaded	Front	Rear
Standard	25.94	27.58	6.70-15-4pr	6.70-15-4pr
Minimum for maximum GVW	26.31	29.78	7-17.5-6pr	7-17.5-6pr

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

MODEL ⊕	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and / or payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
3203	1937	1053	2990	2022	1108	3130	1750	4%	96%	84.00
3204	1991	1399	3390	2081	1454	3535	1350	0%	100%	98.00

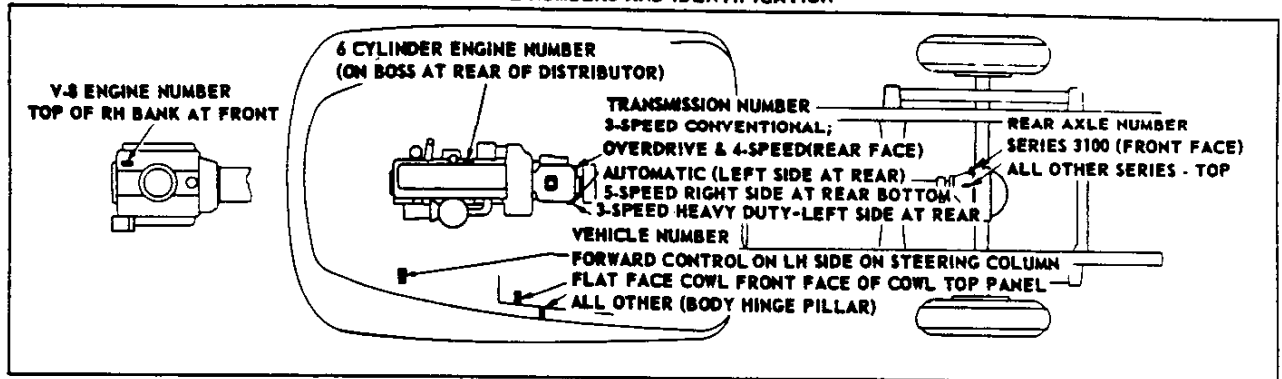
10-31-57 Data revised 6-27-58

⊕ - Estimated Weights

T-8 MODELS 3203 AND 3204 DATA

CHEVROLET 1958 SPECIFICATIONS - TRUCK

SERIAL NUMBERS AND IDENTIFICATION



VEHICLE SERIAL NUMBERS

Example: **3C 58T 10012**

Series Designation	Year	Year	Year	Unit Number
			Assembly Plant	(Begin with 10001 at each plant regardless of series)

REAR AXLE IDENTIFICATION CHEVROLET AXLES

Example: **AF 2 12**

Type series and assembly plant designation	Month	Day of month
--	-------	--------------

Series Designation:

3A	3100	5J	5700
3B	3200	6F	6100
3C	3400	6R	6300
3D	3500	6G	6400
3E	3600	6H	6500
3F	3700	6T	6700
3G	3800	6L	6100
4A	4100	6S	6300
4B	4400	6M	6400
4C	4500	6N	6500
5A	5100	6U	6700
5K	5300	7A	7100
5B	5400	7B	7200
5C	5700	7C	7700
6A	6100	8A	8100
6J	6200	8B	8200
6P	6300	8C	8400
6B	6400	8D	8500
6C	6500	8E	8700
6K	6600	8F	8800
6D	6702	9A	9100
6V	6703	9B	9200
6E	6800	9C	9700
5D	5100S	10A	10100
5L	5300S	10B	10200
5E	5400S	10C	10400
5F	5700S	10D	10500
5G	5100H	10E	10700
5M	5300H	10F	10800
5H	5400H		

Type Designation:

AF	3100-3200 Regular Production
AJ	3100-3200 With RPO 208.
AR	3103-04-05-06-16 With RPO 690
CA	34-35-3700 Regular Production
CB	34-35-37-3800 With RPO's-295-299-462
CC	3600 Regular Production & RPO's-314-316-318
CD	3600 With RPO's-282-285
CP	3603-04-09 With RPO 690
CE	34-35-3700 With RPO's-314-316-318
CF	3800 (RPO on 34-35-3700) With RPO 205
CQ	3804-05-09 With RPO 690
CG	4000 Regular Production
CW	41-4400 With RPO 201
CN	4500 With RPO 201
CM	5-6-7-8-10800 reg. prod. RPO's-343-312-477-344-457-451-452-291-292
CL	5-6000 With RPO 201
CL	7-8000 (exc. 8800) With RPO 312-343-344-477-457-292-452-451-291
CR	7-8000-10800 With 7.20:1 axle
CS	7-8000 (exc. 8800) With RPO 201
DA	84-85-8700 With RPO 682
DA	104-105-10700 With RPO 476
DB	84-85-8700 With RPO 682
DB	104-105-10700 With RPO 476
DC	84-85-8700-104-105-10700 With RPO 585
DD	84-85-8700-104-105-10700 With RPO 585

Assembly Plant Designation:

A-Atlanta
 B-Baltimore
 F-Flint
 J-Janesville
 K-Kansas City
 L-Los Angeles
 N-Norwood
 O-Oakland
 S-St. Louis
 T-Tarrytown
 W-Willow Run

FRONT AXLE IDENTIFICATION

S-9884-5000
 S-9885-6000
 S-9703-A-62-6600
 S-9893-7000-9000
 S-9734-7000-9000 full air
 S-9894-8-10000
 S-9733-8-10000 full air (7000[#])

A "V" prefix to the series designation will identify models equipped with optional V-8 engine.

11-29-57

CHEVROLET 1958 SPECIFICATIONS - TRUCK

SERIAL NUMBERS AND IDENTIFICATION - T-73

SERIAL NUMBERS AND IDENTIFICATION - Continued

ENGINE IDENTIFICATION

Example:

 F
|
**Assembly plant
designation**
F-Flint
T-Tonowanda

 102
|
**Calendar month
and date produced**
1=Jan; 2=Feb; etc.

 A
|
**Type
designation**

Type and Series Designation

- J - 3100-3200-3800 regular production
- JC - 4000(31-32-36-3800 with RPO 227)
- JF - 31-32-36-38-41-4400 with RPO's 314 & 321
- K - 34-35-3700
- KA - 34-35-3700 with RPO 321
- L - 6000
- LC - 6000 with RPO 309
- LD - 6000 with RPO 413
- LE - 6000 with RPO's 413 & 309
- M - 31-32-36-3800-4000 with RPO 408
- MA - 31-32-36-38-41-4400 with RPO's-314-321 & 408
- MB - 31-32-36-38-4000 with RPO's-227 & 408
- N - 5000 regular production
- NA - 5000 with RPO 309
- NC - 5000 with RPO 413
- ND - 5000 with RPO 413 & 309
- P - 6000 with RPO 408
- PA - 6000 with RPO's-309 & 408
- PC - 6000 with RPO's-413 & 408
- PD - 6000 with RPO's-413-408 & 309
- R - 7000 regular production (5000 with RPO 418)
- RA - 7000 with RPO 309 (5000 with RPO's-418 & 309)
- RC - 5-7000 with RPO's 413 & 585
- RD - 5-7000 with RPO's 413, 585 & 309
- S - 8000 regular production (6000 with RPO 418)
- SA - 8000 with RPO 309 (6000 with RPO's 418 & 309)
- SC - 6-8000 with RPO's 413, 585 & 309
- SD - 6-8000 with RPO's 413 & 585
- T - 9000 regular production
- TA - 9000 with RPO 309
- V - 10000 regular production(exc. 10800)
- VA - 10000 (exc. 10800) with RPO 309

LOAD MASTER ENGINE SERIAL NUMBER

CA2

**Source & type
designation**

1001

**Unit number to
be numbered in
sequence starting
with 1001.**

SERIAL NUMBERS AND IDENTIFICATION - Continued

REAR AXLE IDENTIFICATION (EATON)

S-9701-5-6000	7.17:1
S-9702-5-6000	6.50-9.04:1
S-9899-7-8-10800¢	7.17:1
S-9902-7-8000*	6.50-9.04:1
S-9974-7-8000*	7.17-9.97:1 (Hydraulic brake-cast wheel)
S-9900-7-8000*	7.17:1 (Full Air)
S-9975-7-8000*	7.17-9.97:1 (Hydraulic brake-disc wheel)
S-9976-7-8000*	7.17-9.97:1 (Air brake-cast wheel)
S-9977-7-8000*	7.17-9.97:1 (Air brake-disc wheel)
S-9906-9-10000%	7.67:1
S-9905-9-10000¢	7.17:1
S-9847-9-10000%	7.67:1 (Full Air)
S-9726-9-10000%	7.17:1 (Full Air)
S-9909-9-10000%	6.50-8.87:1
S-9727-9-10000%	6.50-8.87:1 (Full Air)
S-9978-9-10000%	7.17-9.77:1 (Hydraulic brake-cast wheel)
S-9972-9-10000%	7.17-9.77:1 (Hydraulic brake-disc wheel)
S-9980-9-10000%	7.17-9.77:1 (Air brake-cast wheel)
S-9981-9-10000%	7.17-9.77:1 (Air brake-disc wheel)

TRANSMISSION IDENTIFICATION

Three Speed Conventional And Overdrive

Example: M-(Plant Muncie) 2 28
 S -(Plant Saginaw) month day of month

Four Speed Synchronesh

Example: T 2 28
 (Plant Toledo) month day of month

Four Speed Automatic

- 31-3200 without oil cooler (L-6) - pink plate color
- 3600 without oil cooler (L-6) - yellow plate color
- 34-35-37-38-4000 with oil cooler (L-6) - white plate color
- 3800-4000 with V-8 & oil cooler - light green plate color
- 3600 without oil cooler & V-8 dark brown plate color

Three Speed Heavy Duty

Example: W B 28 1
 Manufacturer-# month\$ day of month shift

Five Speed Synchronesh (New Process)

Example: 2 28 8
 month day of month year

Six Speed Automatic (Powermatic)

- Series 5-6-7-8000 with V-8 engine (yellow I.D. plate)
- Series 6000 with L-6 engine (red I.D. plate)
- Series 9-10000 (green I.D. plate)

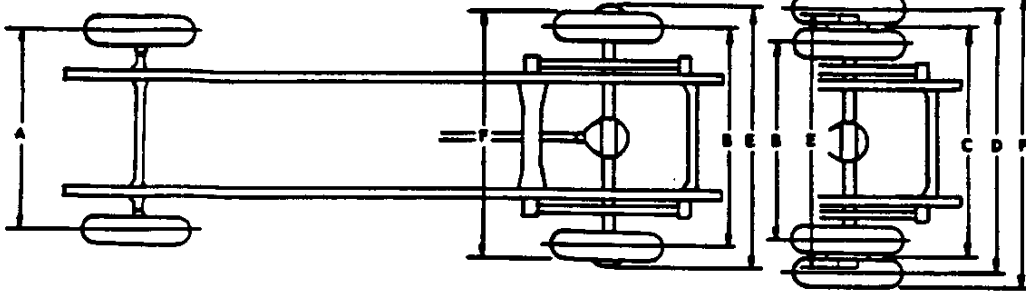
Five Speed Synchronesh Heavy Duty (Spicer)

Example: D 2 28 8
 Manufacturer Y month day of month year

- # - W-Borg Warner
- \$ - A-January, B-February etc.
- Y - Dana Corporation

- * - Except 8802 & Tandems
- % - Except 10800 & Tandems
- ¢ - Except Tandems

CHASSIS TREADS AND OVERALL WIDTHS

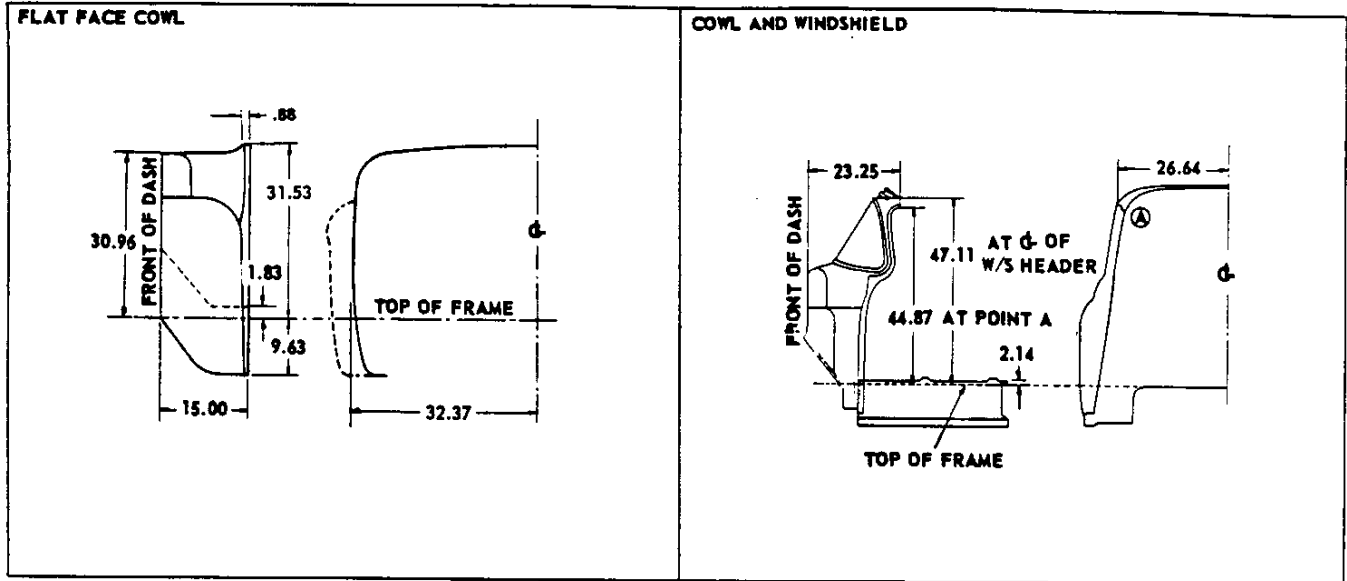


Series	Tire Size	A		B		C		D		E		F		Ground Clearance	
		Front Tread	Rear Tread Inner	Rear Tread Dual Mean	Rear Tread Outer	Width Over Rear Hubs	Width Over Rear Tires	Front Axle	Rear Axle						
3100	6-70-15	60.7	61.0									67.9	8.04	7.68	
	6-50-16	61.0(62.7*)	61.3						70.3			68.3	8.34(7.98*)	8.08	
3200	7-17.5	61.8(63.5*)	62.1									69.5	8.94(8.58*)	8.58	
	7-17.5	65.4	62.4									69.8	8.62	7.68	
3400	8-17.5	65.4	62.4						72.4			70.1	9.22	8.28	
	8-19.5	63.2	61.8									69.7			
3500	8-19.5D	63.1	53.7	63.3	72.9	71.0						80.8	7.84	9.78	
	7-17.5	61.9(63.7*)	62.4									69.8	9.05(7.68*)	7.68	
3600	8-17.5	61.2(62.9*)	61.8						72.4			70.1	9.65(8.28*)	8.28	
	8-19.5	61.2(62.9*)	61.8									69.7	11.15(9.78*)	9.78	
3700	7-17.5D	61.9	54.3	63.2	72.1	71.0						79.5	9.05	7.68	
	8-17.5	61.9(63.7*)	62.4						72.4			70.1	9.65(8.28*)	8.28	
3800	8-19.5	61.2(62.9*)	61.8									69.7	11.15(9.78*)	9.78	
	8-19.5D	61.1	53.6	63.3	72.9	71.0						80.8	11.15	9.78	
4000	7-22.5D	59.8										83.3-85.7X	11.15(11.12\$)	9.18	
	8-19.5D	59.8	56.9	66.5	76.1	77.0						84.0-86.4X	11.15(10.70\$)	8.78	
5000	8-22.5D	64.0	58.1									88.0	12.22	9.50	
	9-22.5D	71.4+	59.2+		79.7							89.0+	11.40+	8.49+	
6000	9-22.5D@	63.0	57.1	68.9	80.8+							88.5			
	10-22.5D@	70.4+	58.2+	70.0+	81.6							89.5+	12.80(12.00+)	10.10	
7000	8-22.5D	71.9	58.6	69.3	80.0							90.6		9.09+	
	9-22.5D	70.8	58.1	68.9	79.7							90.8+			
8000	9-22.5D#	70.7	57.5		81.1							91.4	13.70(12.00+)	11.00	
	10-22.5D#	69.9+	57.1	69.3	82.3+							91.6+		9.99+	
10800 and all Tandems	10-22.5D‡	70.0	56.7	70.5+	81.5							89.1+			
	11-22.5D‡	69.2+	56.7	70.5+	81.0							89.5+	11.37+	9.09+	
9000	9-22.5D	70.4	60.2		83.8							90.1			
	10-22.5D	69.9+	60.0		83.6							89.7	12.00	10.10	
10000 (exc. 10800)	10-22.5D‡	70.0	59.8	72.0	84.2							91.3+	11.37+	9.09+	
	11-22.5D‡	69.2+	59.6	71.8	84.0							90.9			
10800	10-22.5D‡	70.0	59.8		84.2							90.5			
	11-22.5D‡	69.2+	59.6		84.0							92.1+			
10000	9-22.5D	70.4	60.2		83.8							91.6	12.90	11.00	
	10-22.5D	69.9+	60.0		83.6							91.6	12.27+	9.99+	
10800	10-22.5D‡	70.0	59.8		84.2							91.1			
	11-22.5D‡	69.2+	59.6		84.0							92.8+			
9000	9-22.5D	70.4	60.2		83.8							92.6	12.00	8.38	
	10-22.5D	69.9+	60.0		83.6							94.6	11.37+		
10000	10-22.5D‡	70.0	59.8		84.2							93.4			
	11-22.5D‡	69.2+	59.6		84.0							94.3	12.90	9.38	
10800	10-22.5D‡	70.0	59.8		84.2							94.1	12.27+		
	11-22.5D‡	69.2+	59.6		84.0							95.1	13.40	9.78	
10000	9-22.5D	70.4	60.2		83.8							92.8			
	10-22.5D	69.9+	60.0		83.6							92.8			
10800	10-22.5D‡	70.0	59.8		84.2							94.6			
	11-22.5D‡	69.2+	59.6		84.0							94.6			

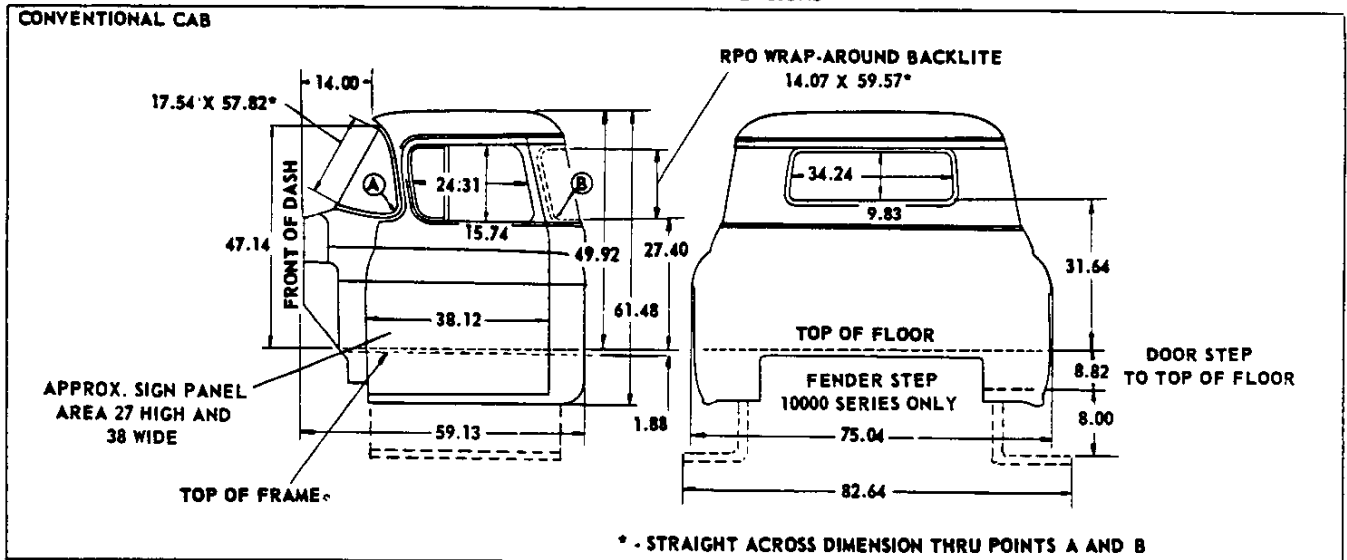
* - With Four Wheel Drive Equipment
 \$ - With HD 4500 lb. front axle
 @ - With 22.5x6.75 wheels
 ‡ - With disc wheels
 D - Dual rear wheels
 + - With 7000 lb. front axle (Eaton)
 # - With 22.5 x 6.75 Rims
 11-29-57 Data revised 6-27-58
 T-76 - CHASSIS TREADS AND OVERALL WIDTHS

‡ - With 16000 lb. rear axle
 † - The Eaton 16000 lb. rear axle is not available on series 6200-6600-6700-6800
 & - 9000 lb. front axle
 X - 15000 lb. rear axle
 % - With 22.5x7.50 wheels (6 bolt)
 † - With 22.5 x 7.50 Rims

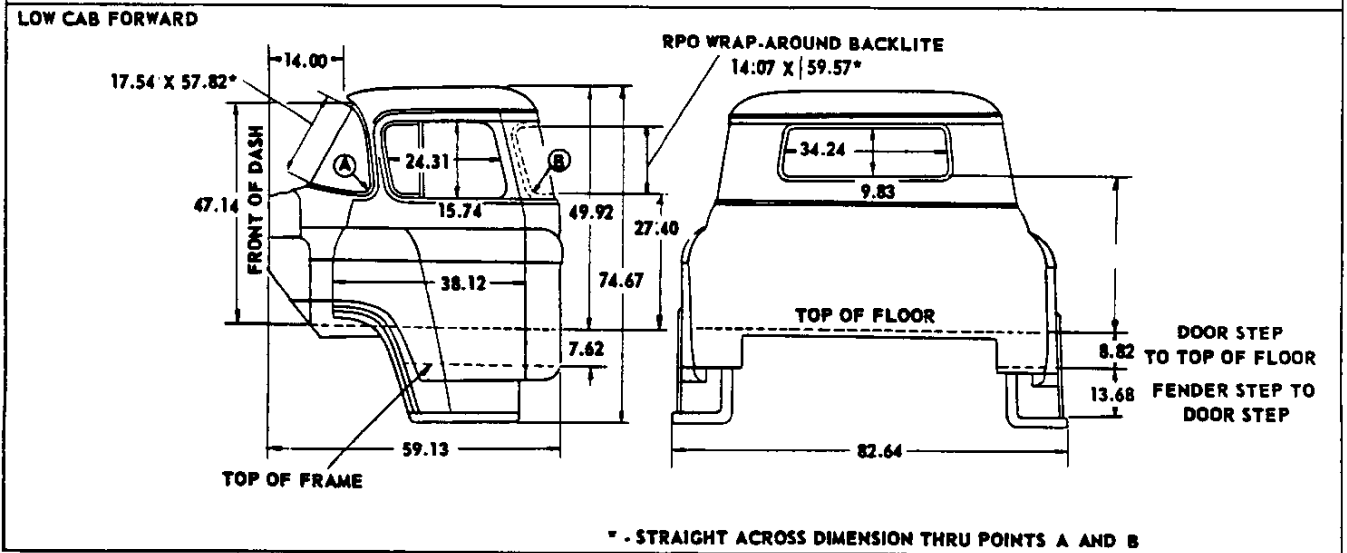
COWL DIMENSIONS



CAB EXTERIOR DIMENSIONS



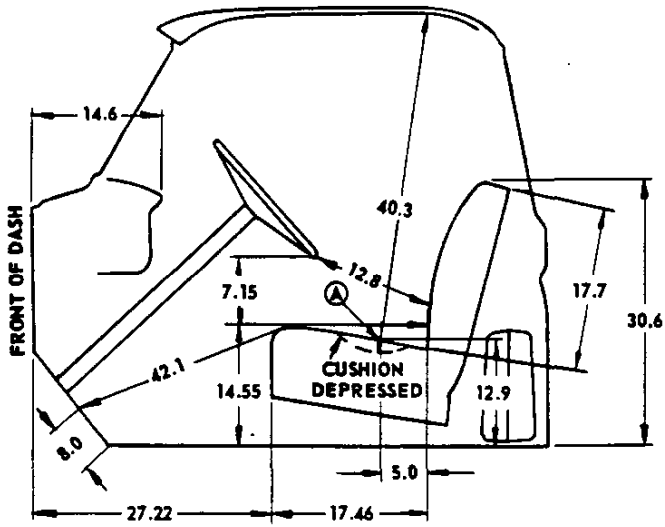
* - STRAIGHT ACROSS DIMENSION THRU POINTS A AND B



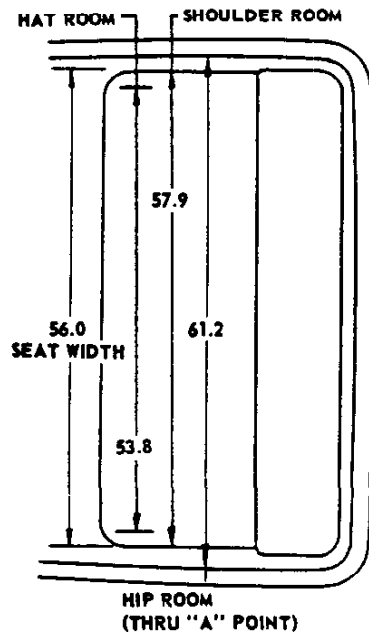
* - STRAIGHT ACROSS DIMENSION THRU POINTS A AND B

DRIVER COMPARTMENT AND SEAT DIMENSIONS

CONVENTIONAL AND LOW CAB FORWARD

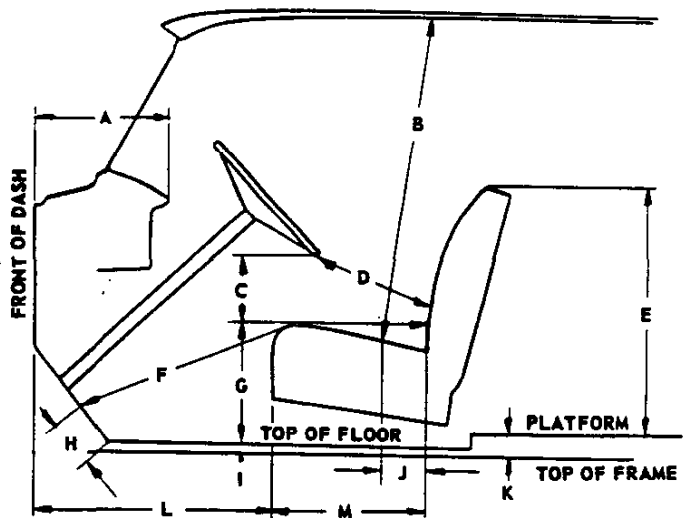
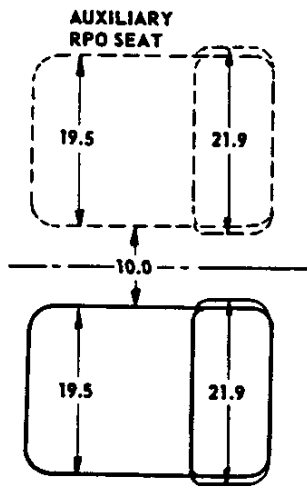


SEAT IN REAR POSITION
SEAT ADJUSTMENT: 3.75



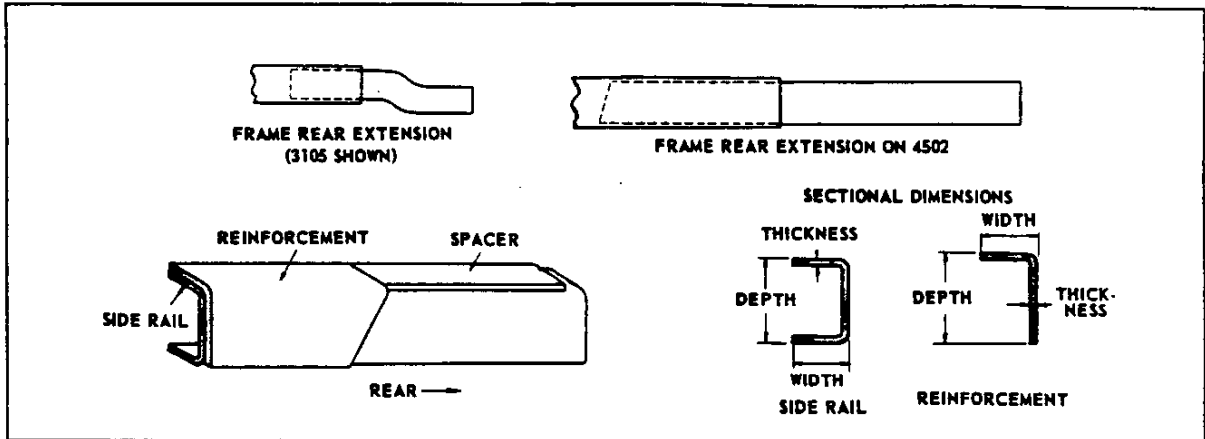
PANEL AND SUBURBAN CARRYALL

PANEL		SUBURBAN CARRYALL
14.6	A	14.6
40.03	B	38.95
7.42	C	7.06
13.3	D	13.3
27.46	E	28.90
42.38	F	42.20
13.78	G	14.14
8.00	H	8.00
1.88	I	1.88
5.00	J	5.00
2.94	K	2.94
27.19	L	27.22
18.16	M	17.46



SEAT IN REAR POSITION
SEAT ADJUSTMENT: 3.56

FRAME



FRAME DATA

Type	Ladder with straight thru channel side member
Material	Hot Rolled Steel, Pickled
Yield Point	39000 PSI (minimum)
Elongation	25% in two inches

SIDE RAIL DATA

Series	Number of Cross members ‡	Width over Rails	Maximum Sectional Dimensions			Section Modulus (in. cu.)	Overall Length	Overall leng. with extension	Kick up Height
			depth	width	thickness				
3100	5	34.00	6.00	2.26	0.14	2.54	180.55	194.00@	1.82
3200-3600			6.10	2.25	0.19	3.37	200.55	214.00	1.72
3400	4	34.00	7.25	2.74	0.22	5.70	182.49		2.27
3500							206.49		
3700	5	34.00	9.06	2.97	0.22	8.28	230.49		
3800							210.68	225.00@	
4100	6	34.00	9.12	3.00	0.25	9.41	199.24		
4400-6400							236.30		
4500	8	34.00	9.12	3.00	0.25	9.41		266.55@	
5100							182.67		
5300	5	34.00	9.12	3.00	0.25	9.41	194.67		
5400							219.75		
5700	6	34.00	9.12	3.00	0.25	9.41	255.75		
6100							199.24		
6200	5	34.00	9.12	3.00	0.25	9.41	199.40		
6300							211.24		
6500	7	34.00	9.12	3.00	0.25	9.41	266.32		
6600							236.46		
6700	9	34.06	9.18	3.03	0.28	10.36	321.57		
6800							349.07		
7100-9100	5	34.12	9.24	3.06	0.31	11.79	195.74		
7200-9200							215.74		
7700-9700	7	34.12	9.24	3.06	0.31	11.79	291.74		
8100-10100							212.31		
8200-10200	5	34.12	9.24	3.06	0.31	11.79	232.31		
8400-10400							248.31		
8400-10400*	6	34.48	9.24	3.06	0.31	11.79			
8500-10500		34.12							
8500-10500*	6	34.48	9.24	3.06	0.31	11.79	278.31		
8700-10700		34.12							
8700-10700*	6	34.48	9.24	3.06	0.31	11.79	308.31		
8800-10800		34.12							

FRAME REINFORCEMENT DATA

Type	Inverted L
Material	Hot Rolled Steel, Pickled
Maximum section dimension	Depth, 8.82; Width, 3.24; Thickness, 0.18
Spacer	Attached to Frame Rail Top Flange
Combined section modulus #	15.82 inches cubed

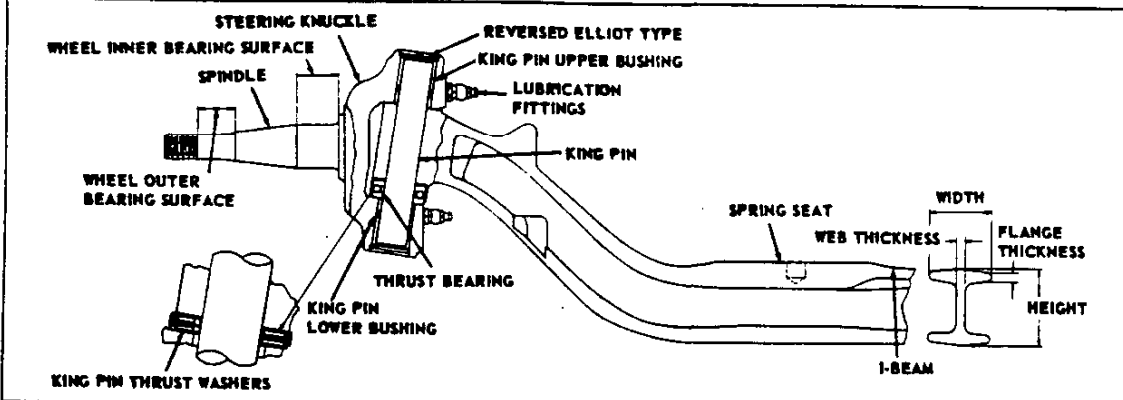
* - Model equipped with tandem axle equipment.

@ - Includes regular production frame rear extension on models 3105, 3106, 3116, 3805 & 4502.

‡ - Structural crossmembers, those which are attached so as to resist torsional frame stresses; bumpers not included.

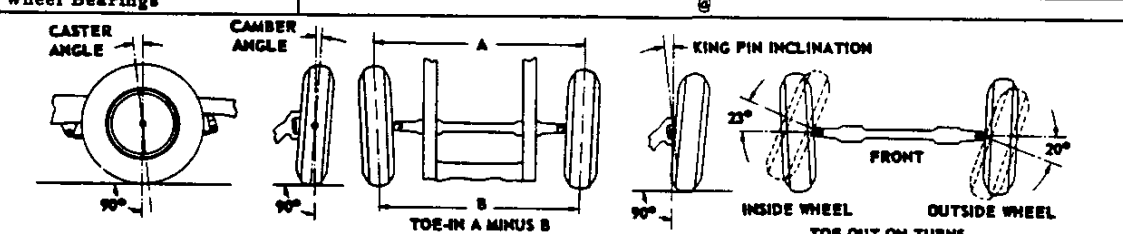
- Frame rail & reinforcement combined.

FRONT AXLE



ITEM	3100 3200	3600	3800	4100 4400	3400 3500 3700	45-5000 61-62-63- 64-65-66- 67-6800 (RPO 41-4400)	7-8-9- 10000 (RPO 5-6)	RPO 9- 10000 8000 Tandems
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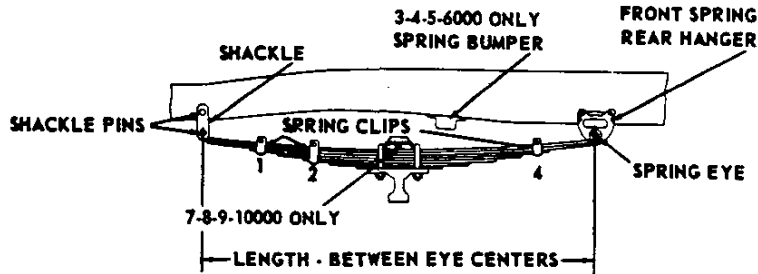
Type	Reverse Elliot (Modified I-Beam)							
Make	Chevrolet				Eaton		Timken	
Model	1/2 ton	3/4 ton	1-ton	1 1/2 ton	2 ton	485F†	%	
Rated Capacity(Lbs)	2200	3000	3500	4000	4500#	7000#	9000	
I-Beam Dimensions	Height	2.12	2.26	2.51	2.51	3.25	3.62	
	Width	1.75	2.00		2.00	2.50	3.25	
	Flange Thickness	.20	.32		.44		.56	
	Web Thickness	.24	.25		.25		.50	
	Section Modulus(in. 3)	.72	.105		1.37	3.20	5.05	
	Diameter	.8662	.9210-.9214	.8662	1.1090-1.1094	1.1093	1.434	
King Pin	Type	+ Pressed Into Steering Knuckle						
	Bush- ing	Length	1.312	1.5156	1.375	1.375	1.8125	2.03
	I.D.	0.6875	.9095-.9125	1.0975-1.1005	1.1105-1.115	1.437		
Thrust Bearing	Copper & steel washers							⊗
Spindle Diameter	Inner	1.2803	1.4986-1.4991	1.7493	2.000	2.24		
	Outer	.7492	.9052-.9057	1.0293	1.375	1.625		
Steering Knuckle Stop	Adjustable nut and bolt type							
Wheel Bearings	⊗							



ITEM	3100 3200	3600	3800	34-35- 3700	4100 4400	4500	5000	5000H	6000	6242⊗ 6642⊗	6000H ⊗	7000 9000\$	8000 10000\$
King Pin inclination	6.16° to 8.18°											4°	
Camber	1°-30'+ 15'											1°± 30'	
Caster@ design load	3°	4.75°	3.25°	2.5°*	2.75°	2.75°	2.75°	3.25°	3.0°	3.0°	4.0°	2.5°*	3.0°
Caster curb weight	1.5°	3.0°	2.25°	2.0°	2.0°	2.0°	2.0°	2.5	2.25°	2.75°	3.0°	1.75°	2.5°
Toe in	.13- .22	.25 to .31											
Toe out on turns	Outside Wheel	20°											
	Inside Wheel	22.5° to 23.5°											

⊗ - See anti-friction bearing page † - 4750 lb. capacity on 67-6800
 + - Floating ‡ - 486-F - with full air brakes
 * - Do not use caster shims on these models
 ⊗ - King pin inclination and camber on 5-6000 H and 62-6642 when using optional Eaton axle are 4° and 1°± 30' respectively.
 \$ - King pin inclination on 9-10000 series when using optional Timken axle is 5.5°.
 % - FD-901 HD-x 16 hydraulic brakes - 9000, FD-901-HD- x 13 10000 exc. 10802, FD-901-TW-x-60 (Full air brakes 8000 Tandems, 10000 exc. 10802.)

FRONT SPRINGS



Item	3100 3200 3600	3400 3500 3700	3800	4000 6000 (Exc. 67-6802 62-6642)	62-6600 67-6800 RPO 34-35-3700 6000	RPO 6000 (Exc 62-6600)	RPO 6200 6600							
Springs	Type							Semi-Elliptic						
	Material							Chrome Carbon Steel						
	Number							6	8	7	8	10	12	12
	L E A V E S	Thickness of Leaves (numbered from top to bottom)	1											
			2											
			3											
			4	.323										
			5											
			6											
			7											
			8	.291										
			9											
			10											
			11											
			12											
Total		1.746	2.328	2.101	2.456	3.070	3.684	3.652						
Load In Pounds At Opening Height		865 @1.70	1082-1196 @1.37	950 @1.74	11.00 @1.93	1563-1713 @1.52	2800 @.43	2582 @.56						
Average rate of Deflection (lb./in.) (Clamped)		343	490	463	567	726	918	895						
Rated Capacity	At Pad	1000	1700	1100	1750	2200	2450	2580						
	At Ground	1170	2000	1300	2050	2500	2750	3030						
Length and Width		44x2												
Spring Clip type	Clinch	1-2-4	1-4	1-4										
	Bolt			2	2	1-2-4	1-2-4	1-2-4	1-2-4					
Spring Mountings	Shackle End	Location	Front	Rear	Front	Front	&	Front	Rear					
		Type	Plain With Paper Seats For Threaded Pins											
	Pin Type & Size	Threaded .6595-.6645 Diameter By 4.48#												
	Fixed End	Bushing	Plain Bronze; .873-.876 O.D.											
		Bolt size	.6825 Diameter By 3.43											
"U" Bolt Diameter		1/2*	9/16	9/16	5/8	9/16	5/8	9/16						
Bumper		Rubber On Frame Side Member Lower Flange												
Spring ϕ to ϕ		31.88	32.80	31.88	32.80									
Ride Stabilizer		3100(except cabs) 3400-3500-3700 Frame To Front Springs												

& - On forward control models the spring shackle is located in the rear

Series 61-63-64-65 & 6703 have the spring shackle in front.

* - 9/16 on series 3600

ϕ - Measured on axle I-Beam

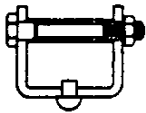
FRONT SPRINGS - Continued

SPRING CLIP TYPES

(SHACKLE END)

(FIXED END)

SPRING SHACKLE TYPES



BOLT



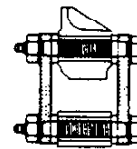
CLINCH



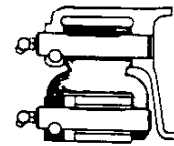
OVERHUNG EYE



DOUBLE WRAPPED EYE



PLAIN WITH
TAPERED SEATS



CLEVIS TYPE

ITEM		5000	RPO 5000	RPO 5000	7000 8000	8800 9-10000 RPO 7000-8000	8&10000 Tandems RPO 9000 10000	RPO 10000		
Springs	Type	SEMI-ELLIPTIC								
	Number	8	9	11	7	7	8	9		
	L E A V E S	Thickness of leaves (numbered from top to bottom)	1					.447		
			2							
			3							
			4							
			5	.360						
			6							
			7							
			8							
			9							
			10							
			11							
	Total		2,880	3,240	3,96	2,643	2,899	3,300	3,701	
	Load in pounds at opening height		1800 @ .94	2100 @ .82	2850 @ .43	2850-3150 @ .56§	2451-2709 @ .56§	3690 ‡ @ .56	4258 @ .56	
Average rate of deflection (lbs./in.) (Clamped)		619	696	887	828	1100	1250	1392		
Rated Capacity	At Pad	2100	2300	2600	2550	3000	3650	3650		
	At Ground	2450	2600	2900	3000	3500	4250	4250		
Length & width		52x2.25			50x2.50					
Spring clip type	Clinch									
	Bolt	2-3-4	2-3-4	2-3-4	1-3-4*	1-3-4+	1-2-4	1-2-4		
Shackle end	Location	Rear			#	#	Front			
	Type	Plain with tapered seats for threaded pins%								
	Pin type & size	Threaded .6595-.6645 diameter by 4.72				&				
Fixed end	Bushing	Plain bronze; .873-.876 O.D.			Plain H.R. steel pickled 1.134-1.138 O.D.					
	Bolt size	.6825 Dia. by 3.82			.8745 Dia. x4.31 long					
"U"-bolt diameter		5/8								
Bumper		Rubber on frame side Member lower flange			Frame on spring between "U" bolts					
Spring center to center		32.80			32.19					

& - .8745 diameter x 4.31 long on 7-9000. Threaded .737-.740 diameter x 5.30 long

§ - 1843-2037 @ .56

% - Clevis type shackle on 7-9000

- The front spring on the 7-9000 series are shackled at the rear
The front springs on the 8-10000 series are shackled at the front.

§ - .56 @ 4761 on series 70-9000.

‡ - .56 @ 5376

+ - 1-2-4 on series 70-9000.

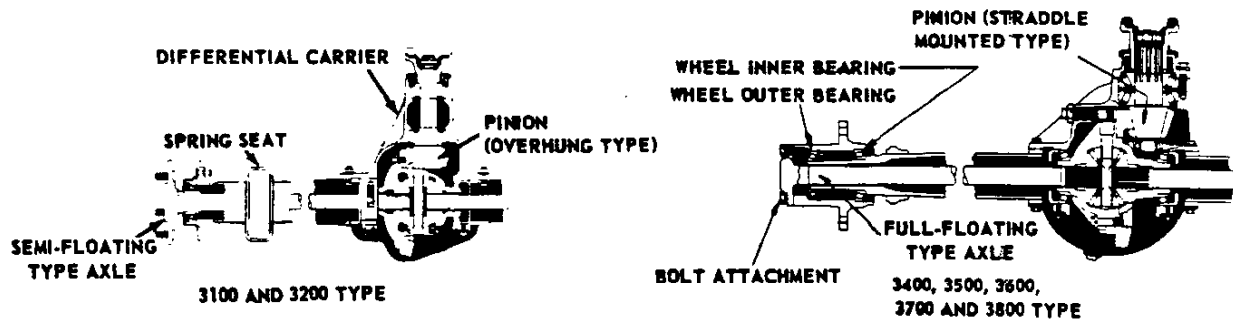
* - 1-2-4 on series 8000.

11-29-57 Data revised 6-27-58

T-82 - FRONT SPRINGS

CHEVROLET 1958 SPECIFICATIONS - TRUCK

REAR AXLE



ITEM		3100-3200	RPO 3100-3200	3400 3500 3700	3600	3800(RPO 3400-3500 3700)	4000	
Make		Chevrolet						
Model		1/2 Ton		3/4 Ton		1 Ton	1-1/2 Ton	
Type		Semi-floating		Full floating				
Ratio		3.90:1	3.70:1	5.14:1	4.57:1	5.14:1	6.17:1	
Rated Capacity (Pounds)		3300		5000		7200	11000	
Brake Size		11x1.75		12x2		14x2.5	15x4	
Wheel Mounting	Type	6 Bolt		8 Bolt			10 Bolt	
	Bolt size	7/16-20		1/2-20			5/8-18	
	Bolt circle	5-1/2		6-1/2			7-1/4	
Housing	Type	Banjo						
	Construction	One or two piece-welded; Round arm						
	Housing section	3.07 ODx. 233 wall		3.25 ODx. 281 wall		%		
Gears	Type	Hypoid						
	Number of Teeth	Drive gear	10	10	7	7	7	6
		Driven gear	39	37	36	32	36	37
	Ring Gear	Pitch dia.	9.375		10.125			12.250
		Face	1.406		1.500			1.525
Gear Backlash		.005-.008						
Drive Pinion	Mounting	Overhung		Straddle				
	Adjustment	Shims			None			
	Thrust	Against pinion rear bearing		Against pinion front bearing				
Differential Type		Two pinion		Four pinion				
Axle Shaft	Type	Integral shaft and drive flange						
	Material	Chrome-moly steel-forged						
	Hub attachment	Integral		Bolted			Splined	
	Minimum diameter	1.156		1.344			1.438	
Lubricant Capacity		4.5 Pints		6.5 Pints		14 Pints		
Anti-Friction Bearings		See anti-friction bearing chart p-143-144						
Max. gear reduction in low trans. gear ϕ	3-Speed transmission	11.47	10.88	15.11	13.44			
	H. D. 3-Speed trans.	12.36	11.73	16.29	14.49	16.29		
	Automatic trans.	14.90	14.13	24.21	21.52	24.21	29.06	
	4-Speed trans.	27.53	26.12	36.29	32.26	36.29	43.56	
Actual axle shaft torque in low trans. gear. @	3-Speed	235 Engine	1901	1804	24.65	2228		
		283 Engine	2438	2313		2856		
	Heavy-Duty 3-Speed	235 Engine	2139	1944	2659	2402	2601	
		283 Engine	2628	2493		3080	3463\$	
	Automatic	235 Engine	2470	2342	3951	3567	4013	4818
		283 Engine	2656*	2656*		4572	5145\$	6178
	4-Speed	235 Engine	2656*	2656*	4022	5347	6014	7221
		283 Engine	2656*	2656*		6855	7710\$	9258

* - Maximum capacity of axle shafts.

ϕ - Axle ratio x transmission ratio.

@ - Gear reduction x engine maximum net torque x efficiency factor (.90 indirect drive .85 all others)

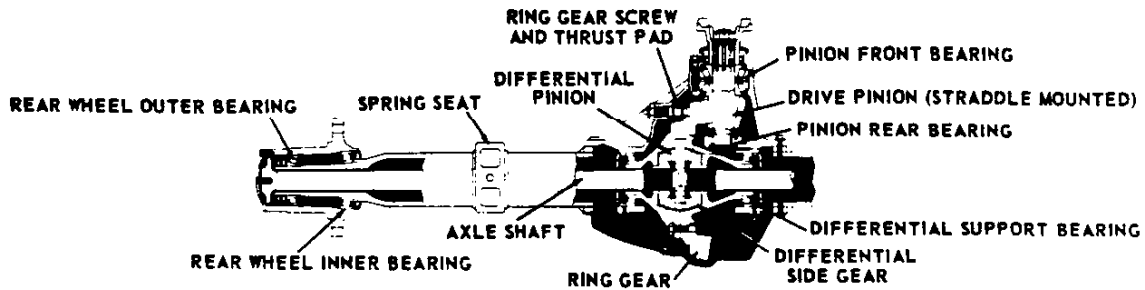
\$ - 3800 only % - 4.00 x .375 wall

11-29-57

CHEVROLET 1958 SPECIFICATIONS - TRUCK

REAR AXLE - T-83

REAR AXLE - Continued



SINGLE SPEED 15000 LB. CHEVROLET AXLE ILLUSTRATED

ITEM		5000 6000	7000 8000 10800	RPO 61-63- 64-6500 7-8000	RPO 7-8000 61-63-64- 6500&10800	RPO Full Air Brake on 7- 8000(Exc. 8800- & Tandems)
Make		Chevrolet		Eaton		
Model		2 Ton		1614		1615
Type		Full Floating				
Ratio		7.20		7.17		
Rated Capacity		15000		16000		
Brake Size		15x4		15x5		16-1/2 - 4-1/2
Wheel Mounting	Type	Budd 6 Bolt	Cast Spoke†	Budd 6 Bolt	Cast Spoke†	
	Bolt Size	3/4	Wheel & Hub	3/4	Wheel & hub integral	
	Bolt Circle	8.75	integral	8.75		
Housing	Type	Banjo				
	Construction	One or two piece welded		One piece forged steel heat treated		
	Housing Section	4.50x.44		4.50x.437		
Gears	Type	Hypoid				
	Number of Teeth	Drive	5	6		
		Driven	36	43		
	Driven Gear	Pitch Dia.	13.750	14.250		
Face		2.125	2.000			
Gear Backlash		.005-.008				
Drive Pinion	Mounting	Straddle				
	Adjustment	None				
	Thrust	Against pinion front bearing				
Differential Type		Four pinion				
Axle Shaft	Type	Integral shaft and drive flange				
	Material	Chrome moly steel, forged, shot peened				
	Hub Attachment	Splined		Bolted		
	Minimum Diameter	1.69				
Lubricant Capacity		19 Pints		19-1/2 Pints		
Anti Friction Bearings		See Anti-Friction Bearing Chart				
Max. Gear *	4-Speed	50.83		50.62		
Reduction in Low Trans. Gear(Lb. Ft.)	5-Speed	53.35		53.13		
	5-Speed Clark	46.43		43.45		
	6-Speed Auto.	38.09		37.93		
Actual Axle Shaft Torque In Low Trans. Gear (lb. ft.)@	4-Speed	261 Eng.	9419		9380	
		283 Eng.	10801	11017%	10757	
	5-Speed	261 Eng.	9886		9845	
		283 Eng.	11337	11564%	11290	
		322 Eng.		12788	12735	
	6-Speed Automatic	261 Eng.	7058		7028	
		283 Eng.	8094	8256%	8060	
		322 Eng.		9130	9092	

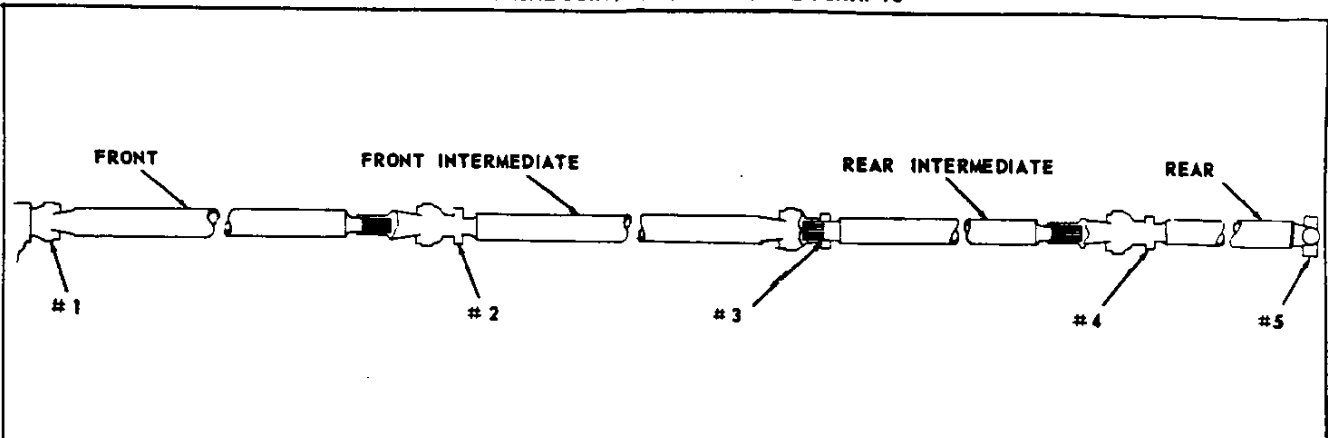
% - Super Taskmaster engine

* - Axle ratio x transmission ratio

@ - Gear reduction x engine max. net torque x efficiency factor. (.90 in direct drive .85 all others)

† - Available with disc wheels 3/4-16 bolts - 8-3/4 bolt circle

UNIVERSAL JOINTS AND PROPELLER SHAFTS



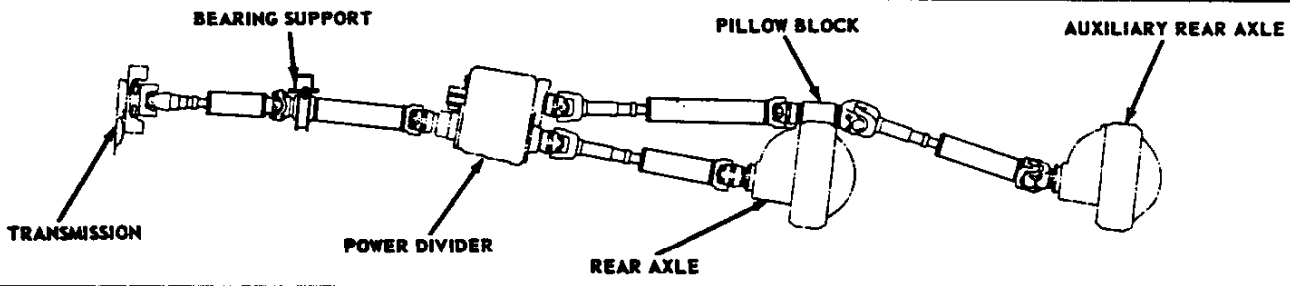
Propeller Shaft	Type	Tubular
	Material	Welded steel tubing - cold rolled
	Wall thickness	2.5 O.D. shaft, .080-.088-3.0 O.D. shaft .080-.088; 3.5 O.D. shaft, .080-.088
Propeller Shaft Guard (All School Bus Models)	Number used	One per propeller shaft
	Type & material	U-bolt, 0.625 round steel
	Location	At front of each shaft
Universal Joints	Type	Yoke and trunion
	Material	Forged steel, case hardened

Series	TRANSMISSION								AXLE			PROPELLER SHAFT				UNIVERSAL JOINTS							
	3-Speed Conventional	3-Speed Heavy Duty	Hydraulic	4-Speed	5-Speed	5-Speed Heavy Duty	Powermatic	Single speed light duty	Single or 2-speed 15000	Single or 2-speed 16000	Single or 2-speed 18000	Number Used	Outside Diameter				Number Used	Rated Capacity (foot pounds)					
													Front	Front Intermediate	Rear Intermediate	Rear		#1	#2	#3	#4	#5	
3100	x						x				1				3.0	2	1250	1250					
	x						x				1				3.5	2	2080	1250					
3200	x						x				1				3.5	2	1250	1250					
	x						x				2	2.5			2.5	3	2080	2080	1250				
3400	x						x				1				3.5	2	1250	2080					
	x	x	x				x				1				3.5	2	2080	2080					
3500	x						x				2	2.5			2.5	3	1250	2080	2080				
	x						x				2	2.5			2.5	3	2080	2080	2080				
3600	x						x				1				3.5	2	1250	2080					
	x						x				1				3.5	2	2080	2080					
	x	x	x				x				2	2.5			2.5	3	2080	2080	2080				
3700	x						x				2	2.5			3.0	3	1250	2080	2080				
	x	x	x				x				2	2.5			3.0	3	2080	2080	2080				
3800		x	x	x			x				2	2.5			2.5	3	2080	2080	2080				
4100			x	x			x				2	2.5			2.5	3	2080	2080	2080				
			x				x				2	3.0			3.0	3	2500	2500	2500				
4400			x				x				2	3.0			2.5	3	2080	2080	2080				
			x				x				2	2.5			2.5	3	2080	2080	2080				
			x				x				2	3.0			3.0	3	2500	2500	2500				
4500			x				x				2	3.0			2.5	3	2080	2080	2080				
			x				x				2	3.0			3.0	3	2500	2500	2500				
5100			x	x			x	x			2	3.0			3.0	3	2500	2500	2500				
5300			x	x			x	x			2	3.0			3.0	3	2500	2500	2500				
5400			x	x			x	x			2	3.0			3.0	3	2500	2500	2500				
5700			x	x			x				3	3.0		3.0	3.0	4	2500	2500	2500	2500			
			x	x			x	x			2	3.5			3.0	3	2500	2500	2500				
6100			x	x			x	x			2	3.0			3.0	3	2500	2500	2500				
6200			x				x				2	3.0			3.0	3	2500	2500	2500				

10-31-57 Data revised 6-27-58
CHEVROLET 1958 SPECIFICATIONS - TRUCK

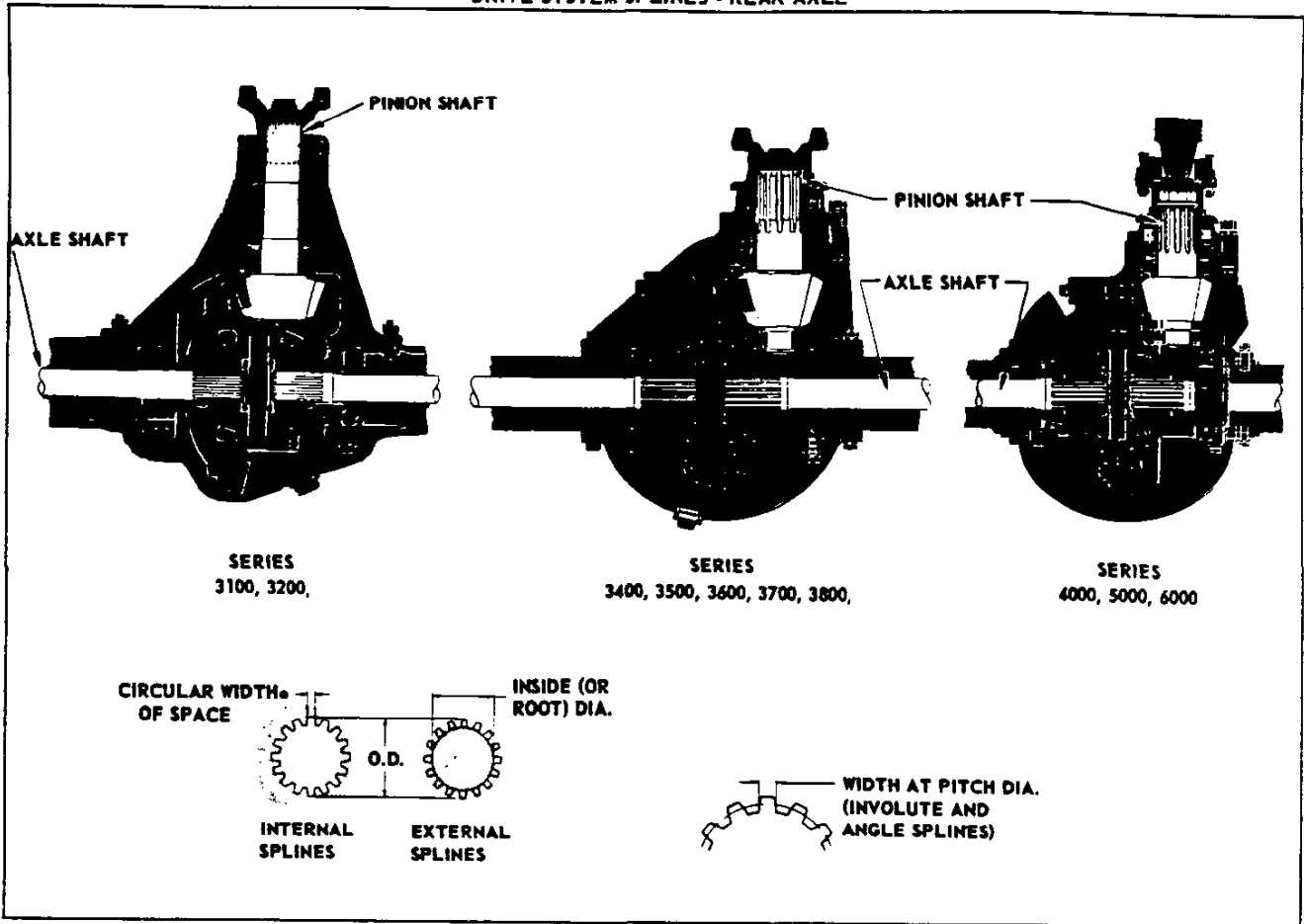
UNIVERSAL JOINTS AND PROPELLER SHAFTS - Continued

TRANSMISSION AXLE										PROPELLER SHAFT				UNIVERSAL JOINTS								
Series	3-Speed Conventional	3-Speed Heavy Duty	Hydrarnatic	4-Speed	5-Speed	5-Speed Heavy Duty	Powermatic	Single Speed light duty	Single or 2-Speed 15000	Single or 2-Speed 16000	Single or 2-Speed 18000	Number Used	Outside Diameter				Number Used	Rated Capacity (foot pounds)				
													Front	Front Inter-mediate	Rear Inter-mediate	Rear		#1	#2	#3	#4	#5
6300				x	x		x	x	x			2	3.0			3.0	3	2500	2500	2500		
6400				x	x		x	x	x			2	3.0			3.0	3	2500	2500	2500		
6500				x	x		x	x	x			3	3.0		3.0	3.0	4	2500	2500	2500	2500	
6600				x					x			2	3.0			3.0	3	2500	2500	2500		
6702				x	x		x		x			3	3.0		3.0	3.0	4	2500	2500	2500	2500	
6703				x	x		x	x	x			3	3.0		3.0	3.0	4	2500	2500	2500	2500	
6802				x	x		x		x			2	3.5			3.0	3	2500	2500	2500		
				x	x		x		x			3	3.0		3.0	3.0	4	2500	2500	2500	2500	
7100				x	x		x	x	x			2	3.0			3.0	3	2500	2500	2500		
							x		x			1				3.5	2	2500	2500			
							x		x			2	3.0			3.0	3	2500	2500	2500		
7200				x	x		x	x	x			2	3.0			3.0	3	2500	2500	2500		
7700				x	x		x	x	x			3	3.0		3.0	3.0	4	2500	2500	2500	2500	
8100				x	x		x	x	x			2	3.0			3.0	3	2500	2500	2500		
8200				x	x		x	x	x			2	3.0			3.0	3	2500	2500	2500		
8400				x	x		x	x	x			2	3.0			3.0	3	2500	2500	2500		
8500				x	x		x	x	x			3	3.0		3.0	3.0	4	2500	2500	2500	2500	
							x	x	x			2	3.5			3.0	3	2500	2500	2500		
8700				x	x		x	x	x			3	3.0		3.0	3.0	4	2500	2500	2500	2500	
8800				x	x	x	x	x	x			4	3.0	3.0	3.0	3.0	5	2500	2500	2500	2500	2500
				x	x	x			x			2	3.0			3.0	3	2500	2500	2500		
9100									x			2	3.5			3.5	3	3080	3080	3080		
									x			1				3.5	2	3080	3080			
				x	x	x						2	3.0			3.0	3	2500	2500	2500		
9200							x		x			2	3.5			3.5	3	3080	3080	3080		
				x	x	x						3	3.0		3.0	3.0	4	2500	2500	2500	2500	
9700							x		x			3	3.5		3.5	3.5	4	3080	3080	3080	3080	
				x	x	x			x			2	3.5			3.0	3	2500	2500	2500		
10100							x		x			2	3.5			3.5	3	3080	3080	3080		
				x	x	x			x			2	3.0			3.0	3	2500	2500	2500		
10200							x		x			2	3.5			3.5	3	3080	3080	3080		
				x	x	x			x			2	3.0			3.0	3	2500	2500	2500		
10400							x		x			2	3.5			3.5	3	3080	3080	3080		
				x	x	x			x			2	3.0		3.0	3.0	4	2500	2500	2500	2500	
10500							x		x			3	3.0		3.0	3.0	4	2500	2500	2500	2500	
10700							x		x			3	3.5		3.5	3.5	4	3080	3080	3080	3080	
10800				x	x		x		x			4	3.0	3.0	3.0	3.0	5	2500	2500	2500	2500	2500



ITEM		8403-10403 Tandem	8503-8703-10503-10703 Tandem
Propeller	Number used	4	5
Shaft	Outside diameter	3.5	3.5
Universal	Number used	8	9
Joints	Rated capacity(lb. ft.)	3080	3080

DRIVE SYSTEM SPLINES - REAR AXLE



PROPELLER SHAFT PINION FLANGE AND REAR AXLE DRIVE PINION SHAFT

Series	Item	Internal	External
3100-3200	Width	.1144-.1154	.1124-.1144
	I. D.	1.194-1.198	1.156-1.164
	O. D.	1.3117-1.3132	1.3092-1.3107
	Splines	17 (Involute)	
34-35-3600	Width	.302-.303	.300-.302
	I. D.	1.694-1.702	1.637-1.647
37-38-4000	O. D.	1.9675-1.9755	1.941-1.942
	Splines	10 (Straight side)	
5-6-7-8000	Width	.2705-.2720	.2705-.2720
	I. D.	1.530-1.535	1.467-1.477
	O. D.	1.749-1.752	1.743-1.746
	Splines	10 (Involute)	
7000-8000-9000-10000 @	Width	.1144-.1154	.1124-.1144
	I. D.	1.194-1.198	1.156-1.164
	O. D.	1.3117-1.3132	1.3092-1.3107
	Splines	17 (Involute)	

DIFFERENTIAL SIDE GEAR AND AXLE SHAFT

Series	Item	Internal	External
3100-3200	Width	.1144-.1154	.1124-.1144
	I. D.	1.194-1.198	1.166-1.174
	O. D.	1.3005-1.3105	1.2795-1.2845
	Splines	17 (Involute)	
3400-3500	Width	.1499-.1509	.1479-.1499
	I. D.	1.4245-1.4285	1.399-1.407
	O. D.	1.5485-1.5595	1.5275-1.5325
	Splines	17 (Involute)	
3600-3700	Width	.0942-.0952	.098-.100
	I. D.	1.628-1.632	1.565-1.569
	O. D.	1.752-1.756	1.724-1.732
	Splines	27 (Involute)	
4000	Width	.1001-.1011	.0981-.1000
	I. D.	1.752-1.756	1.689-1.693
	O. D.	1.876-1.880	1.848-1.856
	Splines	29 (Involute)	
5-6-7-8000	Width	.183-.185	.179-.181
	I. D.	1.755-1.762	1.690-1.700
	O. D.	1.905-1.925	1.870-1.875
	Splines	16 (Straight side)	
10800 (4000 with 2-spd axle)*	Width	.193-.195	.189-.191
	I. D.	1.888-1.895	1.830-1.840
	O. D.	2.010-2.030	1.975-1.980
	Splines	16 (Straight side)	
7000-8000	Width	.193-.195	.189-.191
	I. D.	1.888-1.895	1.830-1.840
	O. D.	2.010-2.030	1.975-1.980
	Splines	16 (Straight side)	
9-10000(Eaton 16000 # axles)	Width	.193-.195	.189-.191
	I. D.	1.888-1.895	1.830-1.840
	O. D.	2.010-2.030	1.975-1.980
	Splines	16 (Straight side)	
9000-10000 (Eaton 18000 # axles)	Width	.193-.195	.189-.191
	I. D.	1.888-1.895	1.830-1.840
	O. D.	2.010-2.030	1.975-1.980
	Splines	16 (Straight side)	

AXLE SHAFT FLANGE AND REAR WHEEL HUB

Series	Item	Internal	External
4000	Width	.3106-.3116	.3086-.3106
	I. D.	3.295-3.305	3.245-3.255
	O. D.	3.795-3.805	3.765-3.775
	Splines	20 (Involute)	
5-6-7-8000	Width	.157-.158	.155-.157
	I. D.	3.910-3.915	3.860-3.870
	O. D.	4.213-4.218	4.185-4.195
	Splines	40 (Involute)	

* - Chevrolet built axles

@ - Eaton built axles

SERVICE BRAKES

ITEM		31-32	34-35-36-37	38 RPO 34-35-37	40	50-60	
Brake size	Front	11x2	12x2	12x2	14x2-1/2	14x2-1/2	
	Rear	11 x 1-3/4	12x2	14x2-1/2	15x4	15x4	
Type	Front	Servo, single anchor					
	Rear	Servo, single anchor			Balanced, 4 anchor		
Drum	Type	Front	Composite; cast alloy iron rim, pressed steel web				
		Rear	Composite; cast alloy iron rim, pressed steel web			1-piece, cast alloy	
	Diameter	Front	11	12		14	14
		Rear	11	12	14	15	15
	Effective Area (sq. in.)	Front	138	151	151	220	220
		Rear	121	151	220	377	377
Total		259	302	371	597	597	
Lining	Bonded or riveted	Bonded		Riveted			
	Material	Full molded asbestos composition					
	Width	Front	2	2	2	2-1/2	2-1/2
		Rear	1-3/4	2	2-1/2	4	4
	Thickness	Front	.164-.175		.248-.252		
		Rear	.164-.175		.248-.252		
	Area (sq. in.)	Front	84	92	92	136	136
		Rear	73	92	136	245	249
Total		157	184	228	381	385	
Wheel Cylinder	Number Used	Front		2		4	
	Diameter	Front	1.125		.875		
		Rear	1.00	1.125	1.250	1.50	
	Main Cylinder	Make	Moraine products				
Model		341-M(340-D on 34-35-37)			361-S@		
Diameter		1.125			1.250		
Piston travel		1.50					
Pedal ratio	6.35 on L. C. F. models; 6.28 all others						
Pedal travel	7.94						
Pedal pad cover	Molded rubber						
Braking effort	Front	56%	50%	41%	30%	30%	
	Rear	44%	50%	59%	70%	70%	
Brake fluid capacity	One pint #				1-1/2 pints#		
Brake fluid recommended	Delco Super number 11 S. A. E.						

PARKING BRAKES

ITEM		3100-3200-3400 3500-3600-3700	3100-3200	RPO 34 35-36-37 3800	3800-4000 RPO 34-35-36-3700	5000-6000 7000-8000	3100-3200 3400-3500-3700 3600-3800-4000
Transmission type		3-Speed	Heavy Duty 3-Speed	4-Speed		Hydramatic	
Make		Chevrolet	Borg Warner	Chevrolet		Det. Trans.	
Parking brake type		Pull type, cables to rear wheels		Band	Dual Shoe	Band %	
Lever location		LH side below instrument panel*		RH side of gearshift lever on floor			
Drum	Size (in.)	See rear service brake data		8 x 2.5		9.5 I.D. 10.0 O.D. x2.25	8 x 2.5
	Effective Area (sq. in.)			63		138	63
Lining	Material	Asbestos composition					
	Clearance	.010-.015					
	Area (sq. in.)	See rear service brake data		62		35	62
		Thickness			.156	.25 Inner .156 Outer	.156

* - Lever location on 34-35-36-3700 & 3800 is on the right side of the gearshift control lever.

@ - Model 362A is used on 62-6600; model 371C, the 1-1/2" dia. cylinder on 50 & 6000 with RPO 414 (exc. 62-6600)

- Approximate

% - Pull type, cables to rear wheels (on 31-3200)

11-29-57 Data revised 6-27-58

T-94 - SERVICE BRAKES

CHEVROLET 1958 SPECIFICATIONS - TRUCK

SERVICE BRAKES - Continued

ITEM		70-80-108 (RPO 50-60)	RPO 50-60-70-80 & 108	90-100 except 108	70-80 Full Air	RPO 90-100 exc. 108 & Tandems Full Air	80-100 Tandems Full Air	
Brake Size	Front	15x2-1/4	15x2-1/4	15x2-1/4	16x2-1/4	16x2-1/4	16x2-1/4	
	Rear	15x4	15x5	16x5	16-1/2x4-1/2	16-1/2x5-1/2	16-1/2x4-1/2	
Type	Front	Balanced, two anchor			Single anchor			
	Rear	Balanced, four anchor			Single anchor			
Drum	Type	One piece cast alloy iron						
	Diameter	Front	15			16		
		Rear	15			16-1/2		
	Effective Area (sq. in.)	Front	212	212	212	226	226	226
		Rear	377	471	503	467	570	933
		Total	589	683	715	693	796	1159
Lining	Bonded or riveted	Riveted			Riveted §			
	Material	Full moulded asbestos composition						
	Width	Front	2-1/4	2-1/4	2-1/4	2-1/4	2-1/4	2-1/4
		Rear	4	5	5	4-1/2	5-1/2	4-1/2
	Thickness	Front	.307-.311					
		Rear	.373-.377	.497-.506		.740-.760		
Area (sq. in.)	Front	150	150	150	150	150	150	
	Rear	249	316	338	308	376	615	
	Total	399	466	488	458	526	765	
Wheel Cylinder	Number Used	4			None			
	Diameter	Front	1.125			None		
		Rear	1.50	1.625				
Main Cylinder	Make	Moraine Products						
	Model	371-C †						
	Diameter	1.50						
	Piston travel	1.34						
Pedal ratio	6.35 on LCF models; 6.28 others							
Pedal travel	7.94							
Pedal pad cover	Moulded rubber							
Braking effort	Front	36%	32%	31%	28%	24%	16%	
	Rear	64%	68%	69%	76%	76%	84%	
Brake fluid capacity	2-pints #							
Brake fluid recommended	Delco Super number 11 SAE							

PARKING BRAKES

ITEM		RPO 50-60-70-80-108	Regular Production 90-100 (exc. 108)	RPO 50-60-70-80-90-100
Transmission type		5-Speed	Heavy-duty 5-Speed	Automatic 6-Speed
Make		New Process	Spicer	Allison
Parking brake type		Band		
Lever location		Right side of gearshift control lever on floor		
Drum	Size	9-1/2x2-1/2	9-1/2x3	
	Effective area (sq. in.)	75	90	
Lining	Material	Asbestos Composition		
	Clearance	.020		
	Area (sq. in.)	68	82	89
	Thickness	.31	.303	.3125

BRAKE BOOSTER HYDROVAC

ITEM		RPO 34-35-37-38	Regular Production 50-60 RPO 40	Regular Production 70-80-90-100 RPO 50-60	RPO 80-100 Tandem models
Type		Single Piston Vacuum Suspended			
Power Cylinder Diameter		6.75		9.50	
Vacuum Cylinder Stroke		1.50	3.906	4.734	6.422
Control Valve		Reactionary Type			
Power Dist. @ 1000 PSI Line Pressure	Pedal	63%	35%	15%	12%
	Booster	37%	65%	85%	88%
Vacuum Reserve Tank (RPO 281)	Size	7-1/2x24			
	Capacity	1000 cu. in.			
	Location	Bolted to outside of left side rail			

- Approximate.

\$ - Additional full air brake data tabulated on optional braking systems page.

† - Model 361-S used with 50-60 series when 15x2-1/4 front and 15x4 rear brakes are used.

§ - Two linings per shoe.

AIR HYDRAULIC BRAKES

ITEM		5-6000 Exc. School Bus & F/C	7000-8000-9000-10000 Series
Compressor	Bendix-Westinghouse Model	TU-FLO 300	TU-FLO 400
	Location (Engine Mounted)	L-6 Left Side, V-8 Right Side	Right Side
	Bore & Stroke	1-3/4 x 1-5/32	2-1/16 x 1-1/2
	Capacity	4 cu. ft. /min. @ 1250 RPM	7-1/4 cu. ft. /min. @ 1250 RPM
	Recommended Max. Speed	3000 RPM	
	Horsepower (Loaded)	2.0 @ 3000 RPM	3.2 @ 3000 RPM
	Drive Method	Belt	
	Drive Ratio	0.84:1 with L-6	0.75:1 on 7000-8000
		0.75:1 with V-8	0.72:1 on 9000-10000
	Weight	14.19 Pounds	25.71 Pounds
	Lubrication	Engine Lubricated	
	Cooling	Air Cooled	
Governor	Cut-in	85 PSI	
	Cut-out	105 PSI	
Reservoir	Size (Length & Diameter)	24.76x7.06	24.76x7.06(School Bus 27x8.18)
	Number Used	One	
	Capacity	830 cu. in.	830 cu. in. (School Bus 1200 cu. in.)
	Working Pr. (Max. Normal)	105	
	Safety Valve Release	150	
	Location	RH outside Frame	RH outside Frame School Bus-LH outside Frame
Pressure Gauge	AC type - D on steering column		
Power Cylinder	Effective Diameter	4.5	
	Slave Cylinder Diameter	5-13/16	
	Stroke	3.875	

FULL AIR BRAKES

ITEM		7000-8000 Series & Tandems	9000-10000 Series	
Service Brakes	Type	Front	Individually Anchored Shoes, Flat Cam Actuated	
		Rear	Single Anchor, S-Cam Actuated	
	Size	Front	16x2-1/4(for additional data see brake page)	
		Rear	16-1/2x4-1/2(as above)	16-1/2x5-1/2(as above)
Adjustment	Through adjusting screw on slack adjuster			
Compressor	Bendix-Westinghouse, TU-FLO 400@			
Brake Chamber	Bendix - Westinghouse	Front	Type 12	
		Rear	Type 20	
	Number used	Two Front & Two Rear(Tandem-Four Rear)		
	Diameter(overall)	Front	5-13/16	5-13/16
		Rear	6-15/16	7-1/4
	Effective Area(sq. in.)	Front	12 (each)	
		Rear	20(each)	24(each)
	Spring force @ "O" stroke	Front	12.25 Lb.	
		Rear	25.75 lb.	30.75 lb.
	Spring force increase per inch of stroke	Front	2.50 Lb.	
Rear		6.33 lb.	8.00 lb.	
Maximum stroke	Front	1-3/4		
	Rear	2-1/4		
Slack Adjuster	Bendix-Westinghouse	Front	Type 18-2	
		Rear	Type 20-2	
	Description	Front	4 inch Lever Type	
	Rear	6 inch Lever Type		
Brake Control Valve	Make & type	Bendix-Westinghouse, Type E-1		
	Location	LCF, L, frt. body mounting bracket; others L. frame side rail		
	Air discharge	Front and rear quick release valves		
Reservoir	Number used & size	Two, 24.76 long x 7.06 diameter (overall)		
	Capacity (cu. in.)	830 each		
	Working pressure	105 PSI		
	Safety valve pressure	150 PSI		
	Location	Wet tank, outside left side rail; dry tank, outside right side rail		
	Pressure Gauge	Make	AC, Type D	
Location		Mounted on steering column		

@ - Identical compressor used with air over hydraulic brakes.

SHOCK ABSORBER DATA

FRONT SHOCK ABSORBERS - REGULAR PRODUCTION

Item	3100-3200 3600-3800	3400-3500 3700	8000-10000 7000-9000	5000
Type	Direct Double Acting			
Model Number	835U	835S	651CC	651Y
Valve Code	C3.5H8/A2.5L	4J8/C ² .5	03J10/C2	04N10/D3
Piston Diameter	1"		1-3/8	
Piston Travel	8-1/4	7-3/4	9-1/2	8-1/2
Attachment	Top	Integral Eye with Pre-stressed Grommet		
	Bottom			

REAR SHOCK ABSORBERS - REGULAR PRODUCTION

Item	3100	3200	3600	3400	3500	3700
Type	Direct Double Acting					
Model Number	835Y			684U		
Valve Code	C3.5J10P2L			04N10/A1D		
Piston Diameter	1"			1-3/8		
Piston Travel	9-1/2			7-1/2		
Attachment	Top	Integral Eye with Pre-stressed Grommet			¢	
	Bottom				%	

FRONT SHOCK ABSORBERS - OPTIONAL EQUIPMENT

Item	4000	6100-6300-6400-6500	67-6800 Std. Front Axle	5000 Heavy-Duty Front Axle	61-6200 64-6500 66-6700 H. D. Fnt. Axle
Type	Direct Double Acting				
Model Number	651T		651T	651X	
Valve Code	03J10/C2		03D6/A3	04N10/D3	03J10/C2
Piston Diameter	1-3/8		1-3/8		
Piston Travel	7-1/4		8-1/4		
Attachment	Top	Integral Eye with Pre-stressed Grommet			
	Bottom				

REAR SHOCK ABSORBERS - OPTIONAL EQUIPMENT

Item	3800@	4000	5000 61-62-63-64- 65-6600	6700 6800	8800	10800
Type	Direct Double Acting					
Model Number	684U	651CC			651EE	
Valve Code	04N10/A1D					
Piston Diameter	1-3/8	1-3/8			1-3/8	
Piston Travel	7-1/2	9-1/2			10"	
Attachment	Top	\$				\$
	Bottom					¢

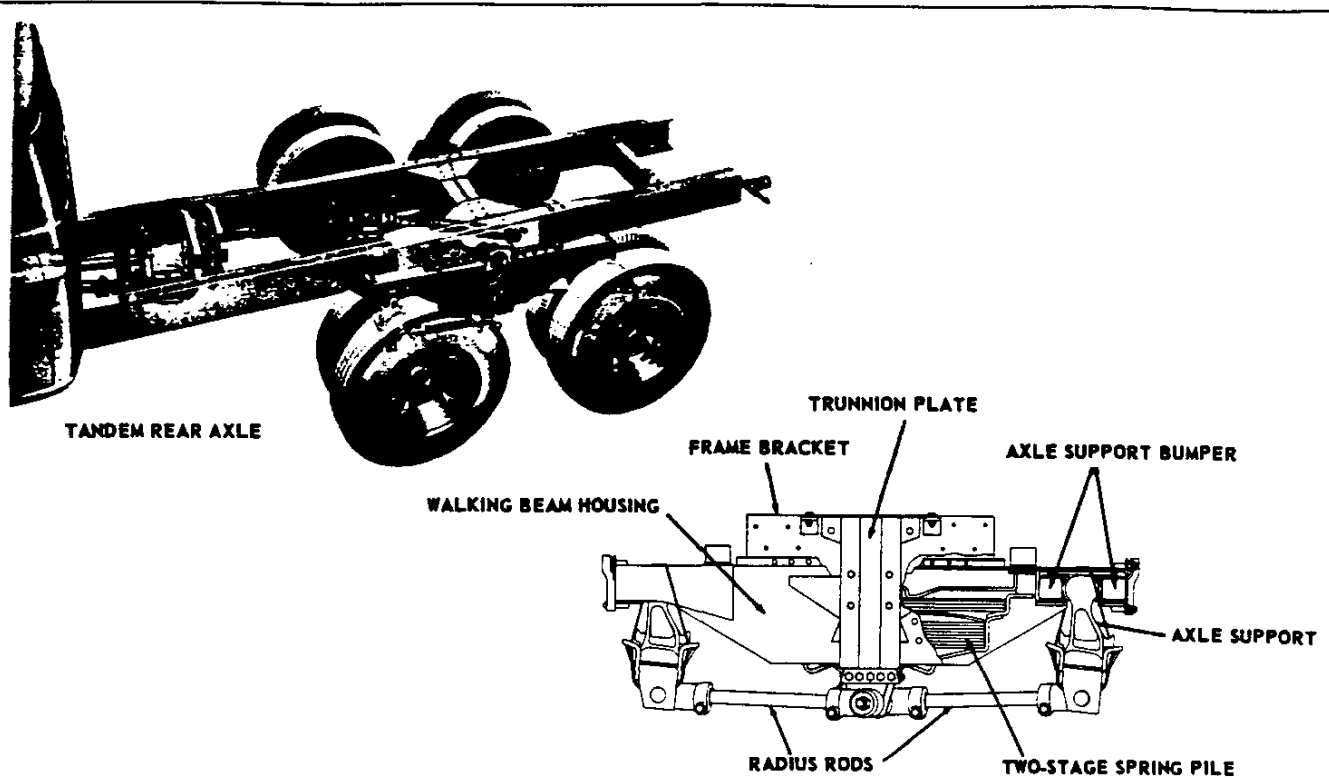
@ - Data also applies to models 3803-04-09 equipment with four wheel drive.

¢ - Threaded pin type with inserted rubber bushing.

% - Integral eye with inserted rubber bushing.

\$ - Integral eye with pre-stressed grommet.

TANDEM AXLE



Tandem rear axle equipment is available as a RPO on the 8403, 8503, 8703, 10403, 10503, and 10703 models. The following tabulation reflects the changes in specifications for models equipped with this option.

ITEM		8403, 8503, 8703(RPO 682)	10403, 10503, 10703(RPO 476)	
Gross vehicle weight (maximum)		28000 lb.	36000 lb.	
Gross combination weight		45000 lb.	50000 lb.	
Frame	Type	Ladder type with inverted "L" reinforcement		
	Section modulus (Comb.)	15.82 inches cubed		
Front Springs	Type	8 leaf, semi-elliptic		
	Length x width	50x2-1/2		
	Capacity	4250 lb. @ ground		
Rear Axle	Make and type	Chevrolet, full floating (two used)		
	Ratio	7.20:1		
	Capacity	15000 lb. each		
Rear Suspension Unit	Make and model	Truck Equipment Company, Tandem Trac model C		
	Type	14 leaf, 2 stage spring pile, encased in walking beam housing		
	Overall dimensions	60.25x11.12x4.00		
	Average	0-1548 lbs.	2010 lb. per inch per spring	
	Rate of	1548-25,720 lbs	16090 lb. per inch per spring	
	Deflection	25,720 - M/M	18500 lb. per inch per spring	
	Housing, center to center		40.40	
Rated capacity		15000 lb. @ pad; 17000 lb. @ ground (each)		
Brakes	Front	15x2-1/4		
	Rear	15x4		
	Effective area	Drum, 966 square inches; lining, 647 square inches		
	Master cylinder	Model 381-A, 1-3/4 diameter		
Transmission	4-speed regular production	5-Speed Spicer trans.		
Power divider	Truckstell, model 500 (see transmission page)			
Steering	Linkage type power steering, ratio 23.6:1			
Tires, front and rear	Minimum 8-22.5-8 pr; maximum 10-22.5-10 pr.			
Wheels, front and rear	22.5 x 6.00			

For detailed specifications on the above, refer to the component page (example, for detail brake data see "brakes" page)

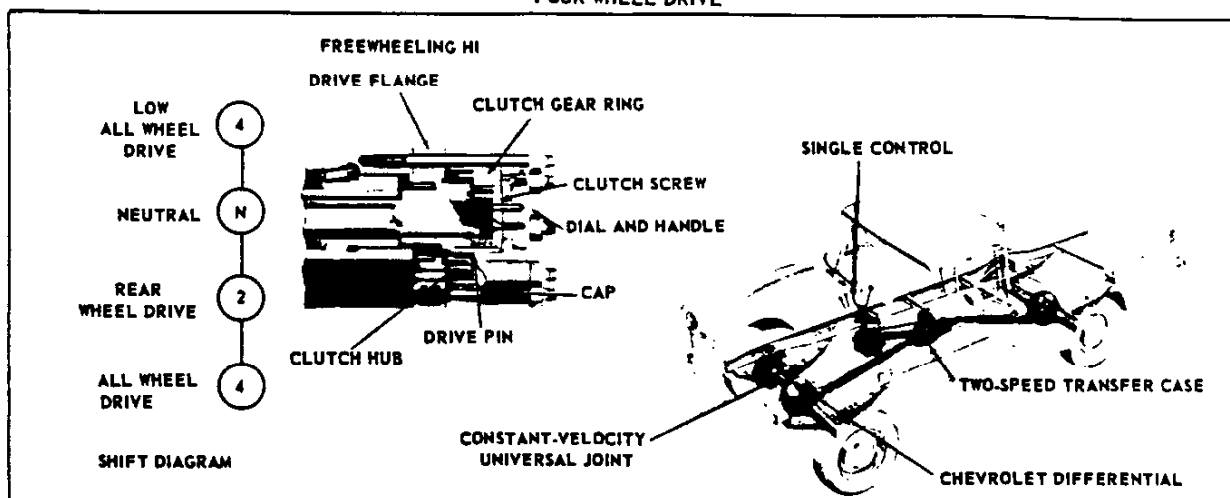
Note: all equipment listed above is included in the tandem rear axle option (RPO 476 or 682) unless otherwise specified.

11-29-57 Data revised 6-27-58

T-98 - TANDEM AXLE DATA

CHEVROLET 1958 SPECIFICATIONS - TRUCK

FOUR WHEEL DRIVE



Four Wheel Drive Equipment is available as a RPO on all 3100, 3600, 3800, chassis cab, pick-up, panel suburban carryall, and stake platform models. The following tabulation reflects the changes in specifications for models equipped with this option.

ITEM		3153, 3154, 3155, 3156, 3166, 3184	3653, 3654 3659, 3684	3853, 3804 3855, 3859	
Gross vehicle rating (maximum)		5600	7300	7400	
Front Axle ‡	Type	Full floating, hypoid gears			
	Ratio	3.90:1	4.57:1	5.14:1	
	Capacity	3000	3300	3500	
	Axle	Minimum diameter	1.156		
	Shaft	U-joint type	Constant velocity (Rzeppa)		
	Front End	Caster	1-3/4°		
		Camber	1-1/2°		
	Alignment	Toe-in	1/32 to 5/32		
		King pin inclination	8°		
		Turning angle	29° 30'		
Lubricant capacity		4-1/2 pints	6-1/2 pints		
Front Springs	Type	7 leaf semi-elliptic			
	Length and width		44.00x2.00		
	Capacity (lb.)	At pad	1100	1100	
At ground		1360	1430		
Rear Springs	Type	8 leaf, single stage	10 leaf, single stage	8 leaf, single stage	
	Length and width		52.00x2.00	52.00x2.50	
	Capacity (lb.)	At pad	1350	2100	2050
At ground		1570	2430	2400	
Shock Absorber (rear)	Piston diameter	1.00%		1-3/8	
	Model	835 Y%		684 U	
	Valve code	C 3.5 J10/P 2%		04N10/AID	
Engine %		Available with Thriftmaster only			
Transmission		Available with four-speed transmission only			
Transfer Case	Make and model		Spicer, model 23		
	Type		2-speed (direct and underdrive)		
	Ratios	Hi range	1.00:1 (two or four wheel drive)		
		Lo range	1.87:1 (four wheel drive) *		
	Location		Rear of transmission		
	PTO provision		Bottom side of transfer case		
	Shift lever		Single lever positioned to the right of transmission control		
	Decal shift diagram		Attached to top center of instrument panel		
Lubricant capacity		5 pints			
Fuel Tank	Location		Cab models, back of seat in cab; others outside of frame r. h. side		
	Capacity (gal.)		Cab models 17.5; others 15.5	Cabs, 17.5; others 18.0	
Tires, front and rear	Minimum	6.50-16-6 pr.	7-17.5-6 pr.	8-17.5-6 pr.	
	Maximum	7-17.5-6 pr.	8-19.5-8 pr. @	8-19.5-8 pr. @	

Note: Unless otherwise specified all components tabulated above are included as part of the Four Wheel Drive Equipment option (RPO 690)

% - Standard or optional equipment - not included as part of four wheel drive equipment option.

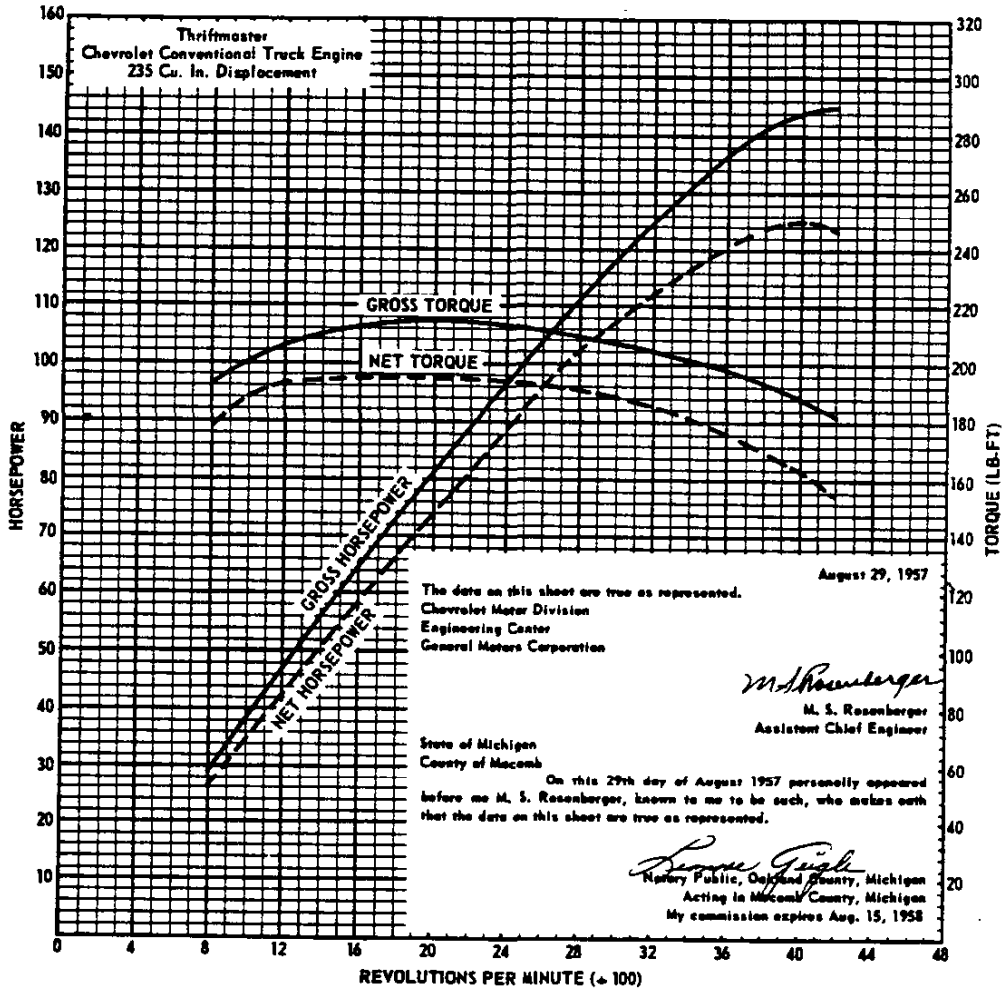
@ - Available with single rear tires only

* - All four wheels automatically engaged thru interlock device when shift is made to underdrive.

‡ - Free-wheeling Hub available as RPO equipment.

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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 the Chevrolet Thriftmaster six cylinder truck engine 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.

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.

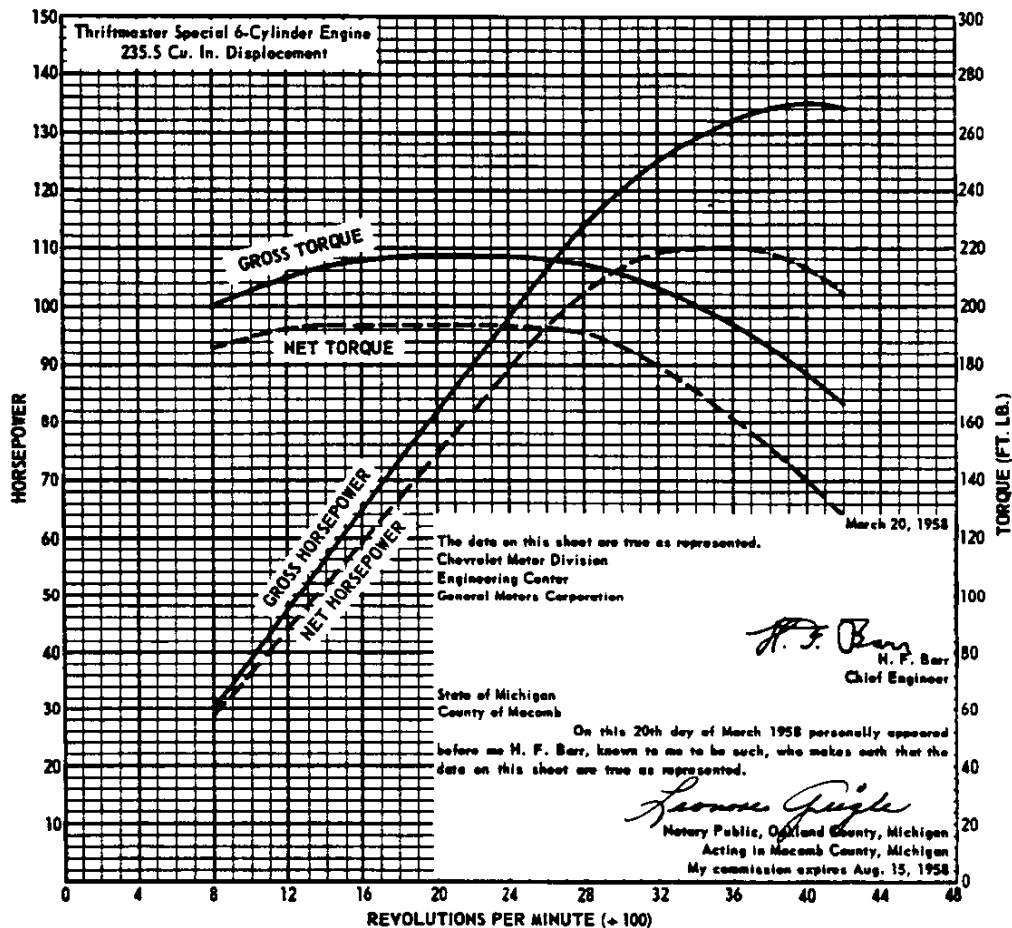
GROSS POWER and TORQUE were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

T-100 - ENGINE, 235.5 CUBIC INCH SIX CYLINDER

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.

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.

ENGINE PERFORMANCE



The engine performance curves shown on this sheet are taken from Chevrolet engine test report 18334. They represent the full throttle performance of a Chevrolet Forward Control Thriftmaster Special six cylinder truck engine 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.

GROSS POWER and TORQUE were obtained in a regu-

lar 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.

**6-CYLINDER 235.5 CUBIC INCH ENGINE
BASIC ENGINE DATA**

ITEM	3100-3200	3400-3500	3800	4000
	3600	3700		
Piston displacement (cubic inches)	235.5			
Bore and stroke	3.563 x 3.938			
Type	Valve-in-head			
Compression ratio	8.25:1			
Taxable (SAE horsepower)	30.42			
Idling speed (RPM)	Manual shift trans. 475 in neutral; auto. trans 425 in drive			
Compression pressure (engine hot)				
Dry weight (pounds)	612	630	612	618
Engine and clutch				
With transmission	677	695	760	778
Governor equipment	RPO 241			

ADVERTISED MAXIMUM ENGINE PERFORMANCE

ITEM	31-32-36-3800 and 4000 series models		34-35-3700 models	
	Gross horsepower	145 @ 4200		145 @ 4200
Gross torque	215 @ 2000		215 @ 2000	217 @ 2000\$
Net horsepower	125 @ 4000		120 @ 3800	110 @ 3600\$
Net torque	195 @ 2000		192 @ 2000	194 @ 2000\$

ENGINE COMPONENTS

CYLINDER CASE AND HEAD

Material ----- Cast alloy iron
 Bore diameter ----- 3.5650
 Cylinder head bolt torque (lb. ft.) ----- 90-95

CRANKSHAFT

Material ----- Forged steel
 Weight (lbs. crankshaft and pilot bearing assy.) -- 80
 End play ----- .0035-.0095

HARMONIC BALANCER

Type ----- Inertia, rubber mounted
 Crankshaft pulley diameter ----- 6.64

MAIN BEARINGS

Type ----- Precision, removable
 Clearance, bearings 1 & 2 ----- .0008-.0023
 bearings 3 & 4 ----- .0010-.0026
 End thrust against bearing ----- #3
 Material ----- Moraine 100
 Bearing dimensions

Bearing	Theoretical inside dia. *	Effective length †	Projected area (sq. in.) ‡
#1	2.6856	1.063	2.8547
#2	2.7166	0.907	2.4639
#3	2.7478	0.979	2.6904
#4	2.7788	1.189	3.3039

* - Journal diameter plus clearance.
 † - Overall length minus chamfers.
 ‡ - Based on theoretical i. d. and effective length.

CAMSHAFT

Material ----- Cast alloy iron
 End play ----- .003-.007
 Thrust ----- Taken between driven timing gear and camshaft journal front face.

Drive:

Make ----- Own
 Type ----- Helical gear
 Material driving gear (crankshaft) ----- Steel
 driven gear (camshaft) -- Aluminum alloy

\$ - Introduced as 1958 mid-season change; low-lift camshaft used in forward control models only.

CAMSHAFT BEARINGS

Material ----- Steel backed babbitt
 Clearance on diameter ----- .0010-.0030
 Bearing dimensions

Bearing	Ream diameter	Overall length	Projected area (sq. in.) •
#1	2.1562	1.120	2.415
#2	2.0937	0.940	1.968
#3	2.0312	0.940	1.909
#4	1.9687	0.938	1.846

• - Based on ream diameter.

CONNECTING ROD

Material ----- Forged steel
 Rod width at piston ----- 1.126-1.129
 Rod width at crankpin ----- 1.2415-1.2435
 End play ----- .005-.010
 Crankpin bearings
 Type ----- Precision, interchangeable insert
 Material ----- Moraine 100
 Diameter ----- 2.3140
 Effective length (overall length less chamfers) ----- 1.008
 Projected area per rod (based on effective length)-- ----- 2.332
 Length center to center ----- 6.8125

PISTON

Material ----- Cast aluminum alloy
 Type ----- Autothermic, flat head, tin plated oval
 Skirt clearance ----- .0006-.0010
 Top land clearance in cylinder bore ----- .033-.043
 Compression ring groove depth ----- 0.1985-0.2050
 Oil ring groove depth ----- 0.1985-0.2050

PISTON PIN

Material ----- Steel
 Diameter ----- 0.8660-0.8665
 Length ----- 3.168-3.198
 Taper limit in full length ----- .0002
 Clearance in piston ----- .00015-.00025

ENGINE COMPONENTS - Continued

COMPRESSION RINGS

Number per piston	----- 2
Type, upper	----- Thickwall inside bevel
lower	----- Thickwall taper faced scraper
Material	----- Cast iron with wear resistant coating on upper and lower rings
Width	----- .0930-.0935
Gap	----- .007-.017
Ring clearance in groove	----- .002-.003
Wall thickness	----- 0.168-0.178

OIL RINGS

Type	----- Multipiece(2 rails & spacer)
Material	-----
Rails	----- Flat spring steel with chrome plated O.D.
Spacer	----- Formed flat spring steel
Gap (on rails)	----- .015-.055
Ring clearance in groove	----- .000-.008
Width	----- .0235-.0245
Maximum wall thickness (rails)	----- .156

VALVES

Inlet	
Material	----- High alloy steel
Overall length	----- 6.376-6.396
Overall head diameter	----- 1.870-1.880
Stem diameter	----- 0.3410-0.3417
Stem to guide clearance	----- .0010-.0027
Lift (Thriftmaster)	----- 0.4050
Lift (Thriftmaster Spl.)	----- 0.3105
Angle of seat	----- 30°
Face coating	----- None
Exhaust	
Material	----- High alloy steel
Overall length	----- 4.913-4.933
Overall head diameter	----- 1.495-1.505
Stem diameter	----- 0.3410-0.3417
Stem to guide clearance	----- .0010-.0027
Lift (Thriftmaster)	----- 0.4141
Lift (Thriftmaster Spl.)	----- 0.3325
Angle of seat	----- 45°
Face coating	----- Aluminized

FUEL TANK

Location	
Cab models	----- Behind seat in cab
Chassis and single unit bodies	
31-32-36-3800	----- Inside of frame on right side
34-35-3700-4000	----- Outside of frame on right side
Construction type	
All except school bus	----- Two piece, seam welded
School bus	----- Three piece, seam welded
Capacity (gallons)	
Cab models	----- 17.5
Chassis and single unit bodies	
31-32-36-3800	----- 17
3400	----- 15.5
35-3700	----- 18
4000 except 4502	----- 18
4502	----- 30
Filler location	
Single unit bodies	----- Right side
Cab models	----- Left side
Fuel filter	
----- 40 mesh metal filter cloth tube mounted on end of riser pipe in fuel tank.	

VALVE SPRINGS

Spring pressure and length (inlet & exhaust)	
Valve closed	----- 74-82lb. @ 1.858
Valve opened	----- 186-198 @ 1.462
Valve spring dampers	----- None

VALVE TAPPETS

Type	----- Mechanical
Rocker ratio	----- 1.477:1
Valve lash *	
Models 31, 32, 36, 38-4000	
Inlet	----- .006-.011
Exhaust	----- .013-.018
Models 34, 35, 3700	
Inlet	----- .006-.011
Exhaust	----- .019-.024
* - At stabilized oil temperature; to be obtained by running engine at idle for a minimum of 35 minutes.	

TIMING

Inlet, opens BTC (Thriftmaster)	----- 11°30'
closes ABC	----- 52°30'
Exhaust, opens BBC	----- 51°
closes ATC	----- 13°
Inlet, opens ATC (Thriftmaster spl.)	----- 1°
closes ABC	----- 39°
Exhaust, opens BBC	----- 42°
closes ATC	----- 9°

VALVE SEATS

Material	----- Cast alloy iron (cylinder head)
Inserts	----- None
Seat angle in head,	
Inlet	----- 31°
Exhaust	----- 46°

FUEL SYSTEM

AIR CLEANER

Make	----- AC
Type	----- Oil bath
Capacity (pints)	
3000 & 4000 series regular production	----- 1
3000 & 4000 series except forward control models	----- 2
RPO 591	----- 2

CARBURETOR

Make	
----- 3000 & 4000 series except forward control models	
----- Rochester	
Forward control models ----- Carter	
Model	
----- 3000 & 4000 series except forward control models	
regular production	----- 7004468
Forward control models	----- 3705500
Bowl description----- Concentric	
Type, 3000 & 4000 series except forward control models ----- Downdraft	
Forward control models ----- Updraft	

FUEL SYSTEM - Continued**CARBURETOR**

Main venturi throat inside diameter, 3000 & 4000 series except forward control models ----- 1.34
 Forward control models ----- 1.18
 SAE flange size ----- 1.50
 Choke ----- Manual
 Manifold heat control ----- Thermostatically controlled valve.
 Manifold cover ----- None

FUEL PUMP

Make ----- AC
 Model ----- EL
 Type ----- Combination fuel and vacuum
 Drive ----- From camshaft
 Arm movement ----- 1/4 at camshaft
 Air dome ----- Yes, outlet
 Pressure at carburetor ----- 3.5-4.5

EXHAUST SYSTEM

Muffler
 Type ----- Diffusion & resonance with straight through flow.
 Mounting ----- Single point
 Exhaust pipe outside diameter ----- 2.00
 Tail pipe inside diameter ----- 1.822

OCTANE SELECTOR

Type ----- Clamped on distributor shaft with 20° range manual adjustment.

ENGINE LUBRICATION**LUBRICATION**

Type ----- Full pressure
 Main bearings ----- Direct pressure
 Camshaft bearings ----- Direct pressure
 Timing gear ----- Sprayed by nozzle
 Connecting rod bearings ----- Direct pressure
 Cylinder walls and piston pins ----- Direct pressure
 Valve mechanism ----- Pressure and gravity
 Oil filler location ----- Center of Valve Rocker Cover

OIL FILTERS (RPO-237)

Make ----- AC
 Model ----- S6
 Capacity (quarts) ----- 1
 Replaceable element model number ----- P-115
 RPO 592
 Model ----- S2
 Capacity (quarts) ----- 2
 Replaceable element model number ----- PC117

LUBRICANT

Temperature	Grade
32°F -----	SAE 20W, SAE 20, SAE 10W-30
0°F -----	SAE 10W, SAE 10W-30
Below 0°F -----	SAE 5W, SAE 5W-20

CRANKCASE VENTILATION

Positive crankcase ventilation on forward control models ----- Vacuum operated, closed outlet tube from ventilator body to inlet manifold provides suction when engine is running.
 Road draft ventilation on all others ----- Open outlet tube extending from ventilator body into air stream beneath engine provides suction when vehicle is moving.

OIL PUMP

Type ----- Spur gear
 Drive ----- By camshaft
 Capacity (GPM hot oil) ----- 4.01-4.22 @ 1170-1200 engine RPM.
 Normal oil pressure (hot) ----- 30 PSI @ 1170-1200 engine RPM.
 Width of gears ----- 1.0
 Intake ----- Stationary type with a 16 mesh galvanized wire screen.
 Oil level gauge ----- Rod type

OIL PAN

Capacity (quarts), dry ----- 5.5
 refill ----- 5
 Drain plug location ----- At rear of oil pan

ENGINE COOLING SYSTEM**COOLING SYSTEM PRESSURE**

Radiator cap opens at (PSI) ----- 7

FAN

Number of blades ----- 4
 Diameter
 Models 31-32-3600 ----- 17.62
 Models 34-35-37-3800 & 4000 series ----- 19.00

RADIATOR HOSES

Location
 Inlet ----- Cylinder head to radiator
 Outlet ----- Radiator to water pump
 Inside diameter
 Inlet ----- 1.50
 Outlet ----- 1.76
 Material ----- Fabric reinforced rubber
 Spring reinforcement
 Inlet ----- No
 Outlet ----- Yes

FAN BELTS

Number of belts ----- 1
 Material ----- Reinforced rubber
 Width ----- 0.4062
 Length
 3000 series except forward control models -- 41.20
 34-35-3700 & 4000 series ----- 42.33

SHROUD ----- Regular production

ENGINE COOLING SYSTEM - Continued

RADIATOR

Make ----- Harrison
 Type ----- Cellular
 Capacity (quarts)
 3000 series regular production ----- 17
 3000 series HD except forward control models --17.5
 4000 series regular production ----- 17.5
 4000 series heavy duty ----- 18.8
 Core thickness
 Regular production ----- 2.10
 Heavy duty ----- 2.50
 Core frontal area (sq. in.)
 3000 series regular production ----- 426.13
 3000 series HD except forward control models 470.35
 4000 series regular production ----- 470.35
 4000 series heavy duty ----- 470.35
 Core constant
 3000 series regular production ----- .25x.56
 3000 series HD except forward control model. 20x.56
 4000 series regular production ----- .22x.56
 4000 series heavy duty ----- .20x.56

ENGINE ELECTRICAL SYSTEM

GENERATOR

Make ----- Delco-Remy
 Model ----- 1102096
 Rated voltage ----- 12-75
 Ventilation ----- By fan on pulley
 Driven by ----- Fan belt
 Pulley size
 "V" angle ----- 36°
 Pitch diameter - 3.62 ex. 4000 series, 5.00 on 4000
 Generator to engine ratio ex. 4000 series ----- 1.23:1
 1.33:1 on 4000 series
 Maximum output speed (hot) engine RPM -----
 ---1520 on all except 4000 series 2252 on 4000 series
 Brush spring tension (ounces) ----- 24-32
 Rotation ----- Clockwise

RPO GENERATOR EQUIPMENT

35 Ampere Generator
 Make ----- Delco-Remy
 Model, Conventional steering ----- 1102114
 Hydraulic steering ----- 110211F
 Regulator number ----- 1119002
45 Ampere Generator
 Make ----- Delco-Remy
 Model, Low cut in ----- 110694E
 Heavy Duty ----- 110694F
 Regulator number ----- 111960B

VOLTAGE and CURRENT REGULATOR

Make ----- Delco-Remy
 Model ----- 1119001
 Type ----- Vibrator
 Location ----- In engine compartment, on left side of dash.
 Voltage regulator
 Volts ----- 13.8 - 14.8
 Temperature ----- Operating
 Average air gap ----- .075
 Current regulator
 Amperes ----- 27-33
 Temperature ----- Operating
 Average air gap ----- .075
 Cut-out relay closing voltage ----- 11.8 - 13.5
 Average air and point gap ----- .020

11-29-57

THERMOSTAT

Make ----- Harrison
 Type ----- Bellows operated poppet valve
 Valve starts to open at ----- 157°F-163°F
 Valve fully opened at ----- 183°F

WATER PUMP

Type ----- Centrifugal
 Drive ----- By fan belt
 Bearings ----- Anti-friction, see bearing chart
 Seal ----- Molded rubber, spring loaded
 Capacity (GPM @ engine RPM) ----- 55 @ 4000

IGNITION SWITCHES

Forward control models and models equipped with automatic transmission ----- 3 position, locked off, on, and start.
 All others ----- 2 position, locked off and on.

STARTER SWITCHES

Forward control models and models equipped with automatic transmission ----- Solenoid type
 All other ----- Direct contact type

STARTING OPERATION

Forward control models and models equipped with automatic transmission ----- Put transmission in neutral position, turn ignition key to extreme right.
 All others ----- Put transmission in neutral position, turn ignition switch to on position, depress starter pedal.

STARTING MOTOR

Make ----- Delco-Remy
 Model,
 Forward control models reg. prod. ----- 1107652
 All others regular production ----- 1107634
 All models with automatic transmission --- 1107667
 Pinion meshes ----- From front of flywheel
 Number of starter pinion teeth ----- 9
 Number of flywheel teeth ----- 168
 Gear ratio (flywheel to starter) ----- 18.67:1

TEST DATA (No load test)

Starter 1107652
 Volts ----- 10.6
 Amperes (maximum) ----- 76
 RPM (minimum) ----- 6200

Starter 1107634

 Volts ----- 10.3
 Amperes (maximum) ----- 75
 RPM (minimum) ----- 6900

ENGINE ELECTRICAL SYSTEM - Continued

BATTERY

Make ----- Delco
 Model, -----
 Regular production all except school bus -----
 ----- 2 SMR 53
 Regular production school bus RPO all others exc.
 forward control models ----- 668
 RPO forward control models ----- 3 SMR 72

Dimensions, 2 SMR 53

Length at top ----- 10.19
 Width at top ----- 6.75
 Overall height ----- 8.75

Dimensions, 668

Length at top ----- 10.19
 Width at top ----- 6.75
 Overall height ----- 9.68

Dimensions, 3 SMR 72

Length at top ----- 11.97
 Width at top ----- 6.75
 Overall height ----- 8.75

Capacity @ 20 hour rate, 2 SMR 53 -----
 ----- 53 ampere hours
 Capacity @ 20 hour rate, 668 ----- 70 ampere hours
 Capacity @ 20 hour rate, 3 SMR 72 -----
 ----- 72 ampere hours

Volts ----- 12
 Number of cells ----- 6
 Plates per cell -----
 2 SMR 53 ----- 4
 668 ----- 11
 3 SMR 72 ----- 13
 Ground ----- Negative terminal
 Location, all except forward control models -----
 ----- On right side of dash under hood
 Forward control models ----- Mounted on
 inside of frame on right side member, to rear
 of engine.

SPARK PLUG

Make ----- AC
 Model ----- 44
 Thread size ----- 14mm
 Recommended gap ----- .033-.038
 Recommended torque (lb. ft.) ----- 15-25

ENGINE TIMING

Timing spark advance (initial setting) ----- TDC
 Timing mark location ----- Steel ball in flywheel
 Firing order ----- 1-5-3-6-2-4

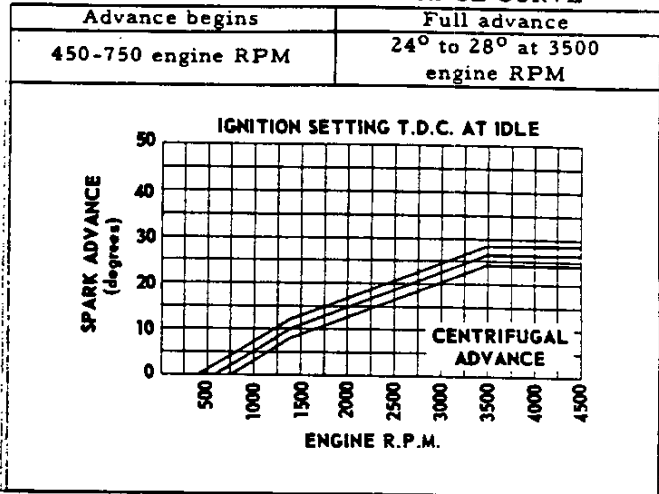
COIL

Make ----- Delco-Remy
 Model ----- 1115085
 Location ----- On right side of engine
 Amperes drawn ----- 4.0 engine stopped,
 1.5 engine idling (500 RPM).
 Resistor type ----- External

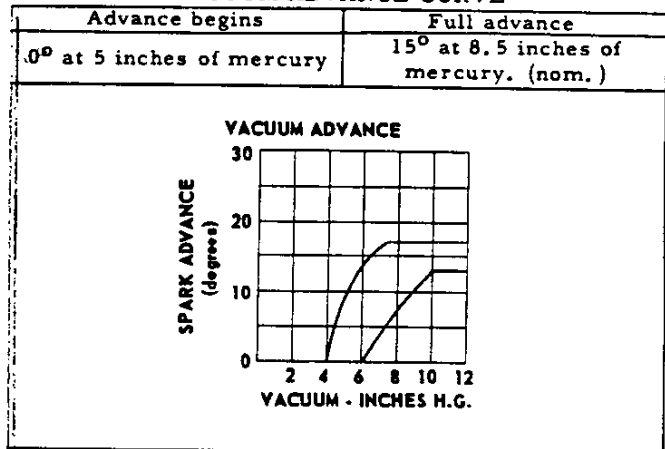
DISTRIBUTOR

Make ----- Delco-Remy
 Model ----- 1112403
 Breaker point gap ----- .016-.023
 Nominal cam angle ----- 26°-33°
 Breaker arm tension (ounces) ----- 19-23

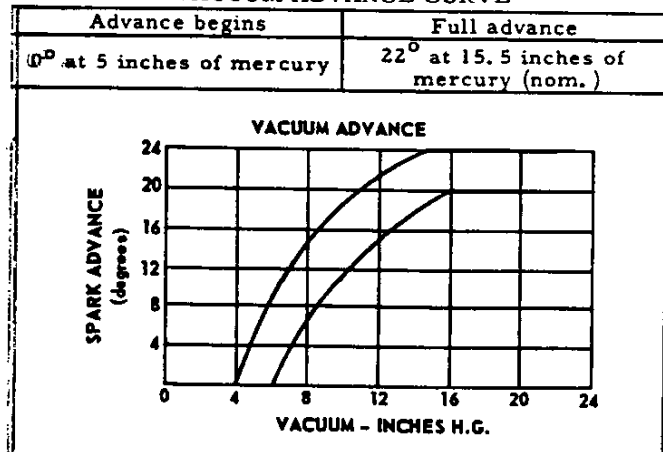
CENTRIFUGAL SPARK ADVANCE CURVE



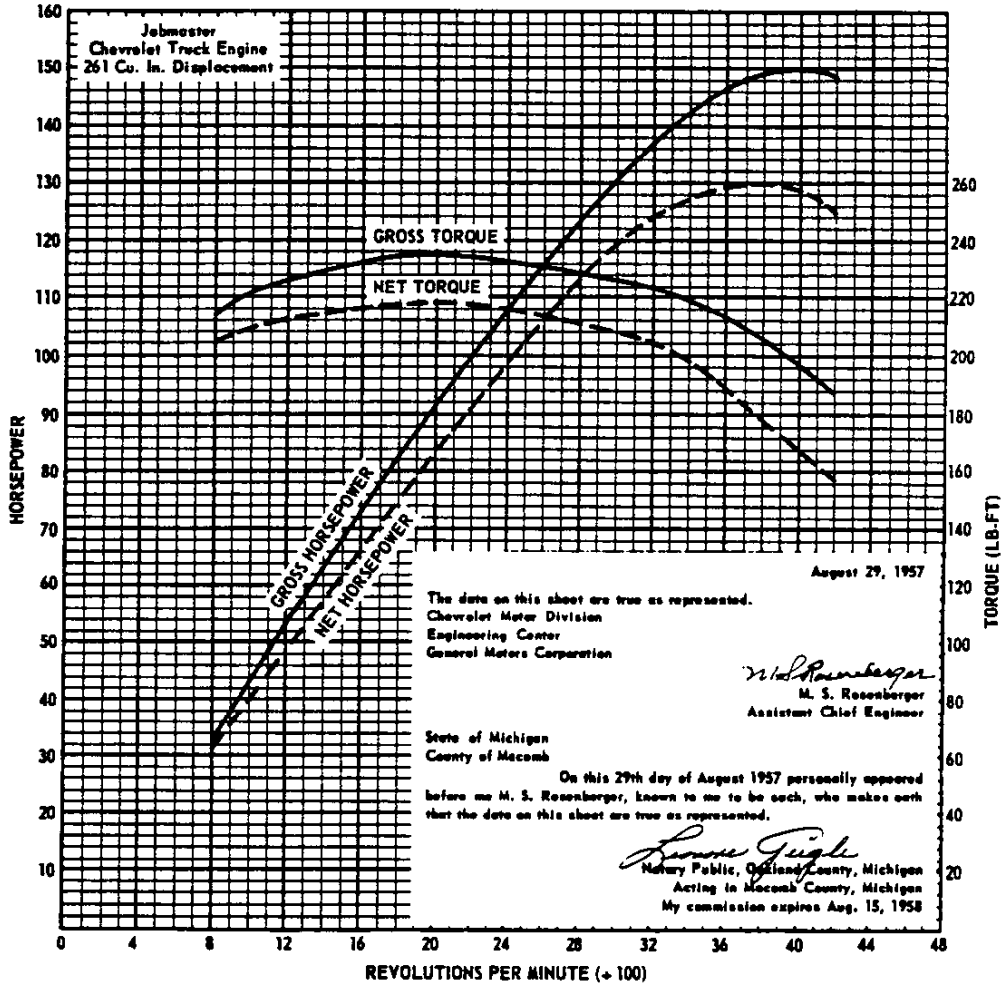
THRIFTMASTER VACUUM ADVANCE CURVE



THRIFTMASTER SPECIAL VACUUM ADVANCE CURVE



ENGINE PERFORMANCE



The engine performance curves shown on this sheet are taken from Chevrolet engine test report 17943-8. They represent the full throttle performance of the Jobmaster, Chevrolet six cylinder truck engine 261 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.

lar 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.

**6-CYLINDER 261 CUBIC INCH ENGINE
BASIC ENGINE DATA**

ITEM	6000 series except 62 & 6600	6200 & 6600
Piston displacement (cubic inches)	261	
Bore and stroke (nominal)	3.750 x 3.9375	
Type	Valve-in-head,	
Compression ratio	8.0:1	
Taxable (SAE) horsepower	33.75	
Idling speed RPM	Manual shift trans. 475 in neutral; auto trans. 425 in drive	
Compression pressure (engine hot)		
Dry weight (pounds)	Engine and clutch	624
	With transmission	783
Governor equipment	RPO 241	

ADVERTISED MAXIMUM ENGINE PERFORMANCE

ITEM	6000 Series
Horsepower	Gross
	Net
Torque (lb. ft.)	Gross
	Net

150 @ 4000 RPM
 130 @ 3800 RPM
 235 @ 2000 RPM
 218 @ 2000 RPM

CYLINDER CASE AND HEAD

Material ----- Cast alloy iron
 Bore diameter ----- 3.7490-3.7520
 Cylinder head bolt torque (lb. ft.) ----- 90-95

CRANKSHAFT

Material ----- Forged steel
 Weight (lb. crankshaft & pilot bearing assembly) --80
 End play ----- .0035-.0095
 Counterweights ----- 7
 Stroke ----- 3.933-3.943

HARMONIC BALANCER

Type ----- Inertia, rubber mounted
 Crankshaft pulley diameter ----- 6.64

MAIN BEARINGS

Type ----- Precision, removable
 Clearance
 Bearings 1 & 2 ----- .0008-.0024
 Bearings 3 & 4 ----- .0010-.0026
 End thrust against bearing ----- #3
 Material ----- Moraine 100

Bearing	Theoretical inside dia.*	Effective length†	Projected area (sq. in.) ‡
#1	2.6856	1.063	2.8547
#2	2.7166	0.907	2.4639
#3	2.7478	0.979	2.6904
#4	2.7788	1.189	3.3039

* - Journal diameter plus clearance.
 † - Overall length minus chamfers.
 ‡ - Based on theoretical i. d. and effective length.

CAMSHAFT

Material ----- Cast alloy iron
 End play ----- .003-.007
 Thrust ----- Taken between driven timing gear and camshaft journal front face.
 Drive
 Type ----- Helical gear
 Make ----- Own
 Material
 Driving gear (crankshaft) ----- Steel
 Driven gear (camshaft) ----- Aluminum

ENGINE COMPONENTS

CAMSHAFT BEARINGS

Material ----- Steel backed babbitt
 Clearance on diameter ----- .0010-.0030

Bearing	Ream diameter	Overall length	Projected area (sq. in.) §
#1	2.1562	1.120	2.415
#2	2.0937	0.940	1.968
#3	2.0312	0.940	1.909
#4	1.9687	0.938	1.846

§ - Based on ream diameter and overall length.

CONNECTING RODS

Material ----- Forged steel
 Rod width at piston pin ----- 1.126-1.129
 Rod width at crankpin ----- 1.2415-1.2435
 End play ----- .005-.010
 Crankpin bearings
 Type ----- Precision, interchangeable insert
 Material ----- Moraine 100
 Diameter ----- 2.3132
 Effective length (overall less chamfers) ----- 1.008
 Projected area per rod (based on effective length)----- 2.332
 Length center to center ----- 6.8125

PISTON

Material ----- Cast aluminum alloy with steel struts
 Type ----- Flat head, tin plated oval, with controlled thermal expansion.
 Skirt clearance ----- .0060-.0010
 Top land clearance ----- .033-.043
 Compression ring groove depth ----- .2080-.2145
 Oil ring groove depth ----- .2040-.2105

PISTON PIN

Material ----- Steel
 Diameter ----- 0.9270-0.9275
 Length ----- 3.355-3.385
 Taper limit in full length ----- .0002
 Clearance in piston ----- .00015-.00025

ENGINE COMPONENTS - Continued

COMPRESSION RINGS

Number per piston ----- 2
 Type, upper ----- Thick wall, inside bevel
 lower ----- Thick wall, taper faced scraper
 Material ----- Cast iron
 chrome plated outside diameter on upper ring, and
 wear resistant coating on lower ring.
 Width ----- .0930-.0935
 Gap, upper ring ----- .010-.020
 lower ring ----- .007-.017
 Ring clearance in groove ----- .002-.003
 Wall thickness, upper ring ----- 0.168-0.178
 lower ring ----- 0.177-0.187

OIL RING

Type ----- Multipiece (2 rails & spacer)
 Material
 Rails --- Flat spring steel with chrome plated O. D.
 Spacer ----- Stainless steel
 Gap (on rails) ----- .015-.055
 Ring clearance in groove ----- .000-.008
 Width ----- .0238-.0252
 Maximum wall thickness (rails) ----- 0.168

VALVES

Inlet
 Material ----- High alloy steel
 Overall length ----- 6.376-6.396
 Overall head diameter ----- 1.870-1.880
 Stem diameter ----- 0.3410-0.3417
 Stem to guide clearance ----- .0010-.0027
 Lift ----- 0.4051
 Angle of face ----- 30°
 Face coating ----- None

METHOD OF LUBRICATION

Type ----- Pressure
 Main bearings ----- Direct pressure
 Camshaft bearings ----- Direct pressure
 Timing gear ----- Sprayed by nozzle
 Connecting rod bearings ----- Direct pressure
 Cylinder walls and piston pins ----- Pressurized
 jet cross sprayed.
 Valve mechanism ----- Pressure & gravity
 Oil filler location ----- Center of Valve Rocker Cover

OIL PUMP

Type ----- Spur gear
 Capacity (GPM hot oil) -- 4.01-4.22@1170-1200 RPM
 Normal oil pressure (hot)---- 30 PSI@1170-1200 RPM
 Oil pressure gauge type ----- Electrical
 Oil intake type ----- Stationary
 Crankcase capacity (quarts) dry ----- 5.5
 refill ----- 5

EXHAUST

Material ----- High alloy steel
 Overall length ----- 4.913-4.933
 Overall head diameter ----- 1.495-1.505
 Stem diameter ----- 0.3410-0.3417
 Stem ----- Welded on hard tip
 Lift ----- 0.4141
 Angle of face ----- 44°
 Face ----- Stellite
 Rotator ----- Rotocoil type

VALVE SPRINGS

Spring pressure and length (inlet & exhaust):
 Valve closed ----- 78 lb. @ 1.858
 Valve opened ----- 192 lb. @ 1.462
 Valve spring dampers ----- None

VALVE TAPPETS

Type ----- Mechanical
 Rocker ratio ----- 1.477:1
 Valve lash *
 Inlet ----- .006-.011
 Exhaust ----- .019-.024
 * - With engine at running temperature.

TIMING

Inlet, opens BTC ----- 11°30'
 closes ABC ----- 52°30'
 Exhaust, opens BBC ----- 51°
 closes ATC ----- 13°

VALVE SEATS

Material ----- Cast alloy iron (cylinder head)
 Inserts ----- None
 Seat angle in head
 Inlet ----- 31°
 Exhaust ----- 45°

LUBRICATION SYSTEM

OIL FILTER

Make ----- AC
 Model ----- S2
 Capacity (quarts) ----- 2
 Element model number ----- PC-117

LUBRICANT

Temperature
 32°F ----- Grade SAE 20W, SAE 20, SAE 10W-20
 0°F ----- SAE 10W, SAE 10W-30
 Below 0°F ----- SAE 5W, SAE 5W-20

EXHAUST SYSTEM

Muffler ----- Diffusion and
 resonance type, with straight through flow.
 Mounting ----- Single point
 Exhaust pipe outside diameter ----- 2.00
 Tail pipe inside diameter ----- 1.82

CRANKCASE VENTILATION

Type ----- Positive, vacuum
 operated, closed outlet tube from ventilator
 body to inlet manifold provides suction
 when engine is running.

ENGINE COOLING SYSTEM

TYPE ----- Pressure
 Radiator cap opens at (PSI)
 with 4 & 5 speed synchromesh ----- 7
 with Powermatic ----- 9

THERMOSTAT

Make ----- Harrison
 Type ----- Bellows operated poppet valve
 Valve begins to open at ----- 157°F-163°F
 Valve fully opened at ----- 183°F

WATER PUMP

Type ----- Centrifugal
 Number of pumps ----- One
 Drive ----- By fan belt
 Bearings ----- Permanently lubricated
 double row ball, see bearing chart.
 Capacity (GPM @ engine RPM) ----- 55@4000

RADIATOR

Make ----- Harrison
 Type, regular production ----- Cellular
 with Powermatic ----- Tube and center
 Capacity (quarts) regular production ----- 17
 with Powermatic ----- 21
 Core thickness, regular production ----- 2.50
 with Powermatic ----- 2.62
 Frontal area (sq. in.) regular production ----- 469.17
 Powermatic ----- 530.33

FUEL TANK

Location,
 Chassis models ----- Outside of frame on right side
 Cab models ----- Behind seat in cab
 Type of construction,
 All except forward control models -----
 ----- Two piece, seam welded
 Forward control models --- Two piece, seam welded
 Capacity (gallons)
 Cab models ----- 17.5
 Forward control models ----- 30
 Others ----- 18
 Filler location ----- Chassis models,
 right side, cab models, left side.
 Filter ----- 40 mesh filter cloth tube mounted
 on riser pipe.

AIR CLEANER

Make ----- AC
 Type ----- Oil bath
 Capacity (pints) ----- 2

GENERATOR 30 AMP STD.

Make ----- Delco-Remy
 Model ----- 1102096
 Rated voltage ----- 12-15
 Ventilation ----- By fan on pulley
 Driven by ----- Fan belt
 Pulley size
 "V" angle ----- 36°
 Pitch diameter ----- 5.00*
 Generator to engine ratio ----- 1.33:1†
 Maximum output speed (hot) engine RPM -----
 ----- 2750
 Brush spring tension (ounces) ----- 24-32
 Rotation ----- Clockwise
 * - 3.62 on forward control models. † - 1.83 on forward control models

11-29-57 Data revised 6-27-58

T-110 - ENGINE, 261 CUBIC INCH SIX CYLINDER

RADIATOR HOSES

Location
 Inlet ----- Thermostat housing to radiator
 Outlet ----- Radiator to water pump
 Inside diameter
 Inlet ----- 1.50
 Outlet ----- 1.76
 Material ----- Fabric reinforced rubber
 Spring reinforcement
 Inlet ----- No
 Outlet ----- Yes

FAN

Number of blades ----- 5
 Diameter ----- 19

FAN BELT

Number of belts ----- One
 Material ----- Reinforced rubber
 Width ----- 0.4062
 Length ----- 42.33

Shroud ----- Regular production

FUEL SYSTEM

CARBURETOR

Make ----- Rochester
 Model ----- 7005140
 Type ----- Downdraft
 Bowl description ----- Concentric
 Main venturi throat inside dia. ----- 1.46
 SAE flange size ----- 1.50
 Choke ----- Manual

FUEL PUMP

Make ----- AC
 Model ----- EM
 Type ----- Diaphragm
 Drive ----- From camshaft
 Arm movement ----- 1/4 at camshaft
 Air dome ----- Yes, outlet
 Pressure at carburetor PSI ----- 3.5-4.5

OCTANE SELECTOR

Type ----- Clamped on distributor
 shaft with 20° range manual adjustment.

ELECTRICAL SYSTEM

RPO GENERATOR EQUIPMENT

35 Ampere generator
 Make ----- Delco-Remy
 Model,
 Conventional steering ----- 1102114
 Power steering ----- 1102115
 Regulator number ----- 1119002

45 Ampere generator

Make ----- Delco-Remy
 Model
 Heavy duty ----- 1106985
 Low cut in ----- 1106985
 Regulator number ----- 1119603

CHEVROLET 1958 SPECIFICATIONS - TRUCK

ENGINE ELECTRICAL SYSTEM - Continued

VOLTAGE and CURRENT REGULATOR

Make ----- Delco-Remy
 Model ----- 1119001
 Type ----- Vibrator
 Location ----- In engine compartment,
 on left side of dash.
 Voltage regulator
 Volts ----- 13.8-14.8
 Temperature ----- Operating
 Average air gap ----- .075
 Current regulator
 Amperes ----- 27-33
 Temperature ----- Operating
 Average air gap ----- .075
 Cut out relay closing voltage ----- 11.8-13.5
 Average air and point gap ----- .020

STARTING

Ignition switches
 Forward control models and models equipped with
 automatic transmission -----
 ----- 3 position, locked off, on and start
 All others ----- 2 position, locked off and on
 Starter switches
 Forward control models and models equipped with
 automatic transmission -----
 ----- Solenoid type
 All others ----- Direct contact type
 Starting operation
 Forward control models and models equipped with
 automatic transmission ----- Put
 transmission in neutral position, turn ignition
 key to extreme right.
 All others ----- Put
 transmission in neutral position, turn ignition
 switch to "on" position, depress starter pedal

STARTING MOTOR

Make ----- Delco-Remy
 Model, regular production ----- 1107634
 with automatic transmission ----- 1107652
 No load test data (1107634)
 Volts ----- 10.6
 Amperes (maximum) ----- 75
 RPM (minimum) ----- 6900
 No load test data (1107652)
 Volts ----- 10.6
 Amperes (maximum) ----- 75
 RPM (minimum) ----- 6200

BATTERY

Make -----
 Model,
 Regular production all except school bus -----
 ----- 2 SMR 53
 Regular production school bus RPO all others exc.
 forward control models ----- 668
 RPO forward control models ----- 3 SMR 72
 Dimensions, 2 SMR 72
 Length at top ----- 10.19
 Width at top ----- 6.75
 Overall height ----- 8.75
 Dimensions, 668
 Length at top ----- 10.19
 Width at top ----- 6.75
 Overall height ----- 9.68

Dimensions, 3 SMR 72

Length at top ----- 11.87
 Width at top ----- 6.75
 Overall height ----- 9.68
 Capacity @ 20 hour rate, 2 SMR 53 -----
 ----- 53 ampere hours
 Capacity @ 20 hour rate, 668 ----- 70 ampere hours
 Capacity @ 20 hour rate, 3 SMR 72 -----
 ----- 72 ampere hours
 Volts ----- 12
 Number of cells ----- 6
 Plates per cell, 2 SMR 53 ----- 9
 3 SMR 72 & 668 ----- 11
 Ground ----- Negative terminal
 Location ----- On right side of dash under hood

SPARK PLUG

Make & model ----- AC, C42-1 comm
 Thread size ----- 14mm
 Recommended gap ----- .033-.038
 Recommended torque (lb. ft.) ----- 15-25

ENGINE TIMING

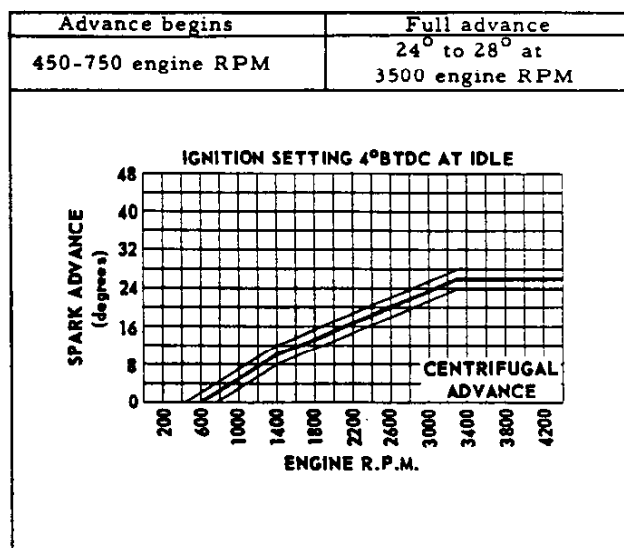
Timing spark advance (initial setting) ----- TDC
 Timing mark location ----- Steel ball in flywheel
 Firing order ----- 1-5-3-6-2-4

COIL

Make ----- Delco-Remy
 Model ----- 1115085
 Location ----- On right side of engine
 Amperes drawn ----- 4.0 engine stopped,
 1.8 engine idling.
 Resistor type ----- External

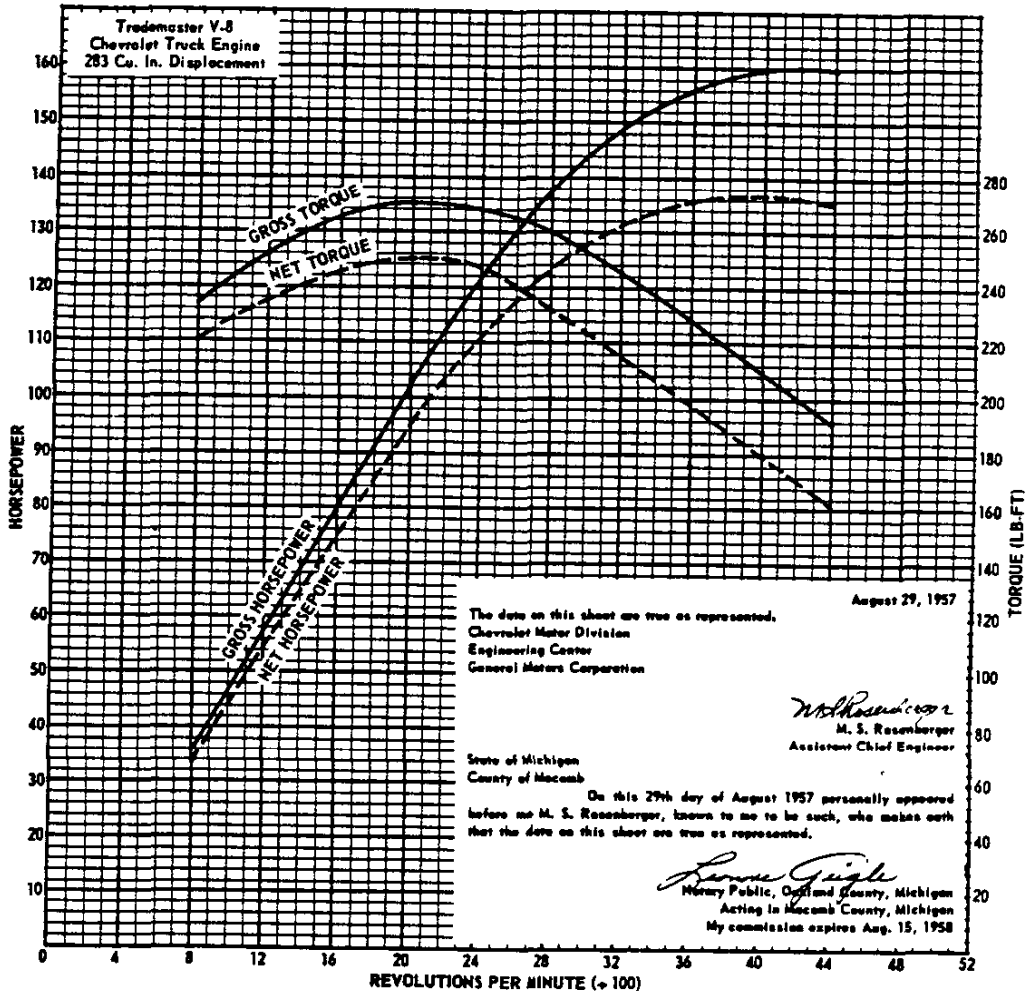
Distributor

Make ----- Delco-Remy
 Model ----- 1112403
 Breaker point gap ----- .016-.023
 Nominal cam angle ----- 26°-33°
 Breaker arm tension (ounces) ----- 19-23



For vacuum advance curve see page T-106

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 the Trademaster 8 cylinder truck engine 265 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.

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

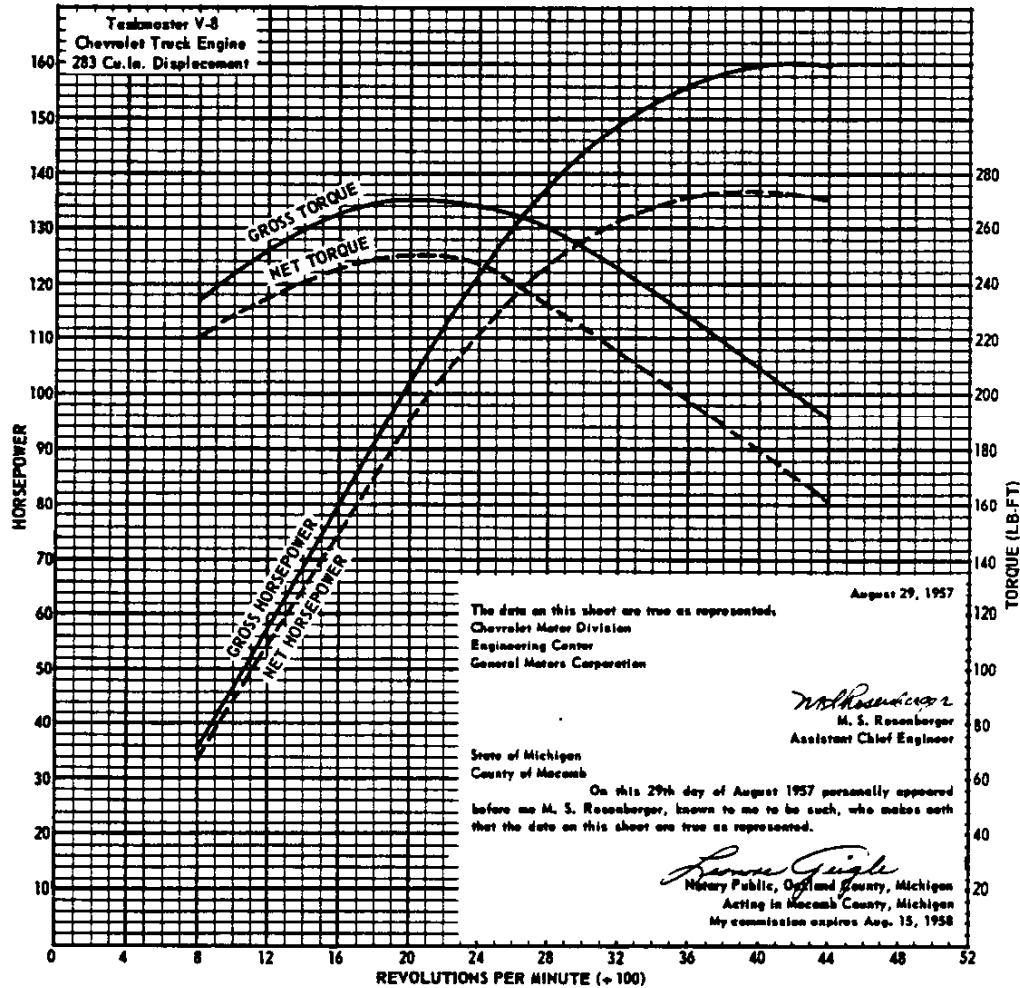
NET POWER and TORQUE were obtained from a dynamometer test simulating actual operating conditions when the engine is in its vehicle. It includes the use of the regular muffler and pipes, the fan in operation and automatic spark advance. The generator is not charging.

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.

11-29-57
 T-112 - ENGINE, 283 CUBIC INCH EIGHT CYLINDER

CHEVROLET 1958 SPECIFICATIONS - TRUCK

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 the Trademaster 8 cylinder truck engine 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.

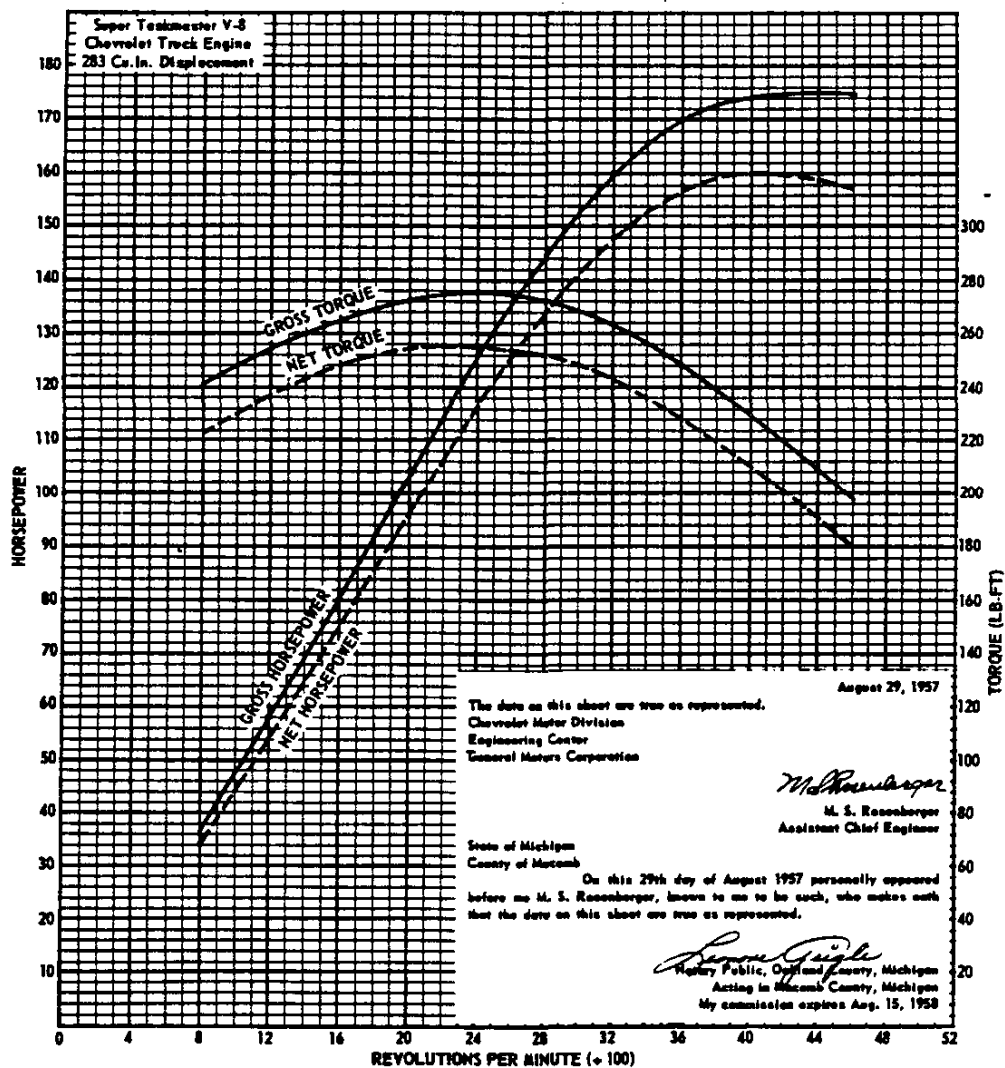
lar dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

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.
11-29-57
CHEVROLET 1958 SPECIFICATIONS - TRUCK

ENGINE, 283 CUBIC INCH EIGHT CYLINDER - T-113

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 the Super Taskmaster 8 cylinder truck engine 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.

lar 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.
 11-29-57
 T-114. ENGINE, 283 CUBIC INCH EIGHT CYLINDER

CHEVROLET 1958 SPECIFICATIONS - TRUCK

8-CYLINDER 283 CUBIC INCH ENGINE

BASIC ENGINE DATA

ITEM	RPO 3000	RPO 4000	5000	RPO 6000	7000	8000
Piston displacement (cubic inches)	283.0					
Bore and stroke (nominal)	3.875x3.00					
Type	Valve-in-head					
Compression ratio	8.25:1			8.0:1		
Taxable (SAE) horsepower	48					
Idling speed RPM	Manual trans. 475 in neutral; Auto trans. 425 in drive					
Compression pressure (engine hot)	140					
Dry wt. (pounds)	Engine and clutch		With transmission			
	604	607	609	610	632	623
	670	767	769	770	792	782
Governor equipment	Not available			Vacuum spinner		

ADVERTISED MAXIMUM ENGINE PERFORMANCE

ITEM	RPO 3-4000	5000 & RPO 6000	7 & 8000, RPO 5 & 6000
Horsepower	Gross	160@4200 RPM	175@4400 RPM
	Net	137@4000 RPM	160@4000 RPM
Torque (lb. ft.)	Gross	270@2000 RPM	275@2400 RPM
	Net	250@2000 RPM	255@2200 RPM

ENGINE COMPONENTS

CYLINDER CASE AND HEAD

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

CRANKSHAFT

Material ----- Forged steel
 Weight (lb.) ----- 48
 End play ----- .002-.006
 Counter weights ----- 6
 Stroke ----- 2.995-3.005
 Journal diameters
 1 thru 5 ----- 2.2978-2.2988
 Crankpins
 Width ----- 1.898-1.902
 Diameter ----- 1.999-2.000

MAIN BEARINGS

Material
 Trademaster engine ----- Moraine 100
 Taskmaster engines ----- Moraine 400
 Type ----- Precision, removable
 End thrust against bearing ----- #5

Bearing	Theoretical inside dia.	Effective length	Projected area (sq. in.)
1 thru 4	2.3004	0.762	1.753
5	2.3004	1.169	2.689

CAMSHAFT

Material ----- Cast alloy iron
 Type of drive ----- Chain and sprocket
 Sprocket material ----- Cast alloy iron
 Ramp
 Inlet opening ----- .0030, 7°30'
 Inlet closing ----- .0060, 24°
 Exhaust opening ----- .0040, 10°
 Exhaust closing ----- .0060, 15°

CAMSHAFT BEARINGS

Material ----- Steel backed babbitt
 Clearance on diameter ----- .0015-.0035
 11-29-57 Data revised 6-27-58
CHEVROLET 1958 SPECIFICATIONS - TRUCK

Bearing	Ream diameter	Overall length	Projected area (sq. in.)
1 thru 4	1.8712	0.740	1.384
5	1.8712	0.940	1.758

TIMING CHAINS

Trademaster engine
 Type ----- Link
 Number of pitches ----- 46
 Width ----- 0.815
 Pitch ----- 0.50
 Taskmaster & Super Taskmaster engines
 Type ----- Roller
 Number of pitches ----- 58
 Width ----- 0.875
 Pitch ----- 0.375

CONNECTING RODS

Material ----- Forged steel
 Weight (ounces) ----- 19.02
 Rod width at piston ----- 1.007-1.011
 Rod width at crankpin ----- 0.944-0.945
 End play ----- .008-.014
 Length, center to center ----- 5.699-5.701
 Crankpin bearings
 Type ----- Precision interchangeable
 Material, Trademaster ----- Moraine 100
 Material, Taskmaster ----- Moraine 400

Theoretical inside diameter ----- 2.0012
 Effective bearing length ----- 0.817
 Projected area per rod ----- 1.635

PISTON

Type ----- Slipper skirt, recesses in head, tin plated oval with controlled thermal expansion.
 Material ----- Cast aluminum alloy with steel struts
 Top land clearance ----- .035-.043
 Compression ring groove depth ----- 0.2153-0.2217
 Oil ring groove depth ----- 0.2093-0.2157
 Skirt clearance ----- .0006-.0010
 Weight (ounces) ----- 20.40

ENGINE, 283 CUBIC INCH EIGHT CYLINDER - T-115

ENGINE COMPONENTS - Continued

PISTON PIN

Material ----- Steel
 Type ----- Locked in rod, shrink fit
 Diameter ----- 0.9270-0.9273
 Length ----- 2.990-3.010
 Taper limit in full length ----- .0001
 Clearance in piston ----- .00015-.00025

COMPRESSION RINGS

Type, upper ----- Counter bored
 lower ----- Inside bevel
 Material,
 Upper ----- Cast alloy iron
 with a chrome plated outside diameter.
 Lower ----- Cast alloy iron
 with a wear resistant coating.
 Width ----- .077-.078
 Gap ----- .010-.020
 Wall thickness ----- 0.184-0.194

OIL RING

Type rails ----- Multipiece (2 rails & spacer)
 Material ----- Spring steel
 with a chrome plated outside diameter
 Dimensions (Trademaster Engine)
 Width ----- .0235-.0245
 Gap ----- .015-.055
 Wall thickness ----- 0.150-0.156
 Dimensions (Taskmaster Engines)
 Width ----- .0235-.0245
 Gap ----- .015-.055
 Wall thickness ----- 0.154-0.160

VALVES

Inlet
 Material ----- High alloy steel
 Overall length ----- 4.9024-4.9224
 Overall head diameter ----- 1.715-1.725
 Stem diameter ----- 0.3415-0.3422
 Stem to guide clearance ----- .0010-.0027
 Lift ----- 0.3336
 Angle of seat ----- 45°
 Face coating (Trademaster Engine) ----- None
 Face coating (Taskmaster Engines) ----- Aldipped

Exhaust

Material ----- High alloy steel@
 Overall length ----- 4.913-4.933
 Overall head diameter ----- 1.495-1.505
 Stem diameter ----- 0.3410-0.3417
 Stem to guide clearance ----- .0015-.0032
 Lift ----- 0.3336
 Angle of seat (Trademaster engine) ----- 45°
 Angle of seat (Taskmaster engines) ----- 44°
 Face coating (Trademaster engine) ----- Aluminized
 Face, (Taskmaster engines) ----- Stellite
 Valve rotators (Taskmaster) ----- Yes

VALVE SPRINGS

Spring pressure and length (inlet & exhaust)
 Valve closed ----- 76-84 lb.@1.696
 Valve opened ----- 155-165@1.366
 Valve spring dampers ----- Taskmaster engines only
 @ -Super Taskmaster engines incorporate welded
 on hard tip stems.

VALVE TAPPETS

Type ----- Hydraulic
 Rocker ratio ----- 1.5 to 1
 Valve lash
 Inlet ----- Zero
 Exhaust ----- Zero

TIMING

Inlet, opens BTC ----- 18°
 closes ABC ----- 54°
 Exhaust, opens BBC ----- 52°
 closes ATC ----- 20°

VALVE SEATS

Material ----- Cast alloy iron (cylinder head);
 induction hardened seats on Taskmaster engines.
 Inserts ----- None
 Seat angle in head
 Inlet ----- 46°
 Exhaust ----- 46°

ENGINE LUBRICATION SYSTEM

METHOD OF LUBRICATION

Type ----- Pressure
 Main bearings ----- Direct pressure
 Camshaft bearings ----- Direct pressure
 Timing gear ----- Centrifugally sprayed
 Connecting rod bearings ----- Direct pressure
 Cylinder walls and piston pins ----- Cross
 sprayed by pressurized jets.
 Hydraulic valve lifters ----- Direct pressure
 Valve mechanism ----- Pressure & gravity

OIL PUMP

Type ----- Spur gear
 Capacity (GPM hot) ----- 4.01-4.2@1170-1200 RPM
 Normal oil pressure (hot)----- 30 PSI@1170-1200 RPM
 Oil pressure gauge type ----- Electric
 Oil intake type ----- Fixed
 Crankcase capacity (quarts)
 Trademaster, refill less filter ----- 4
 Taskmaster, refill less filter ----- 5

LUBRICANT

Temperature	Grade
32°F -----	SAE 20W, SAE 20, SAE 10W-30
0°F -----	SAE 10W, SAE 10W-30
Below 0°F -----	SAE 5W, SAE 5W-20

CRANKCASE VENTILATION

Type (Trademaster) ----- Road draft
 (Taskmaster) ----- Positive

OIL FILTER

Make ----- AC
 Model ----- OF-201
 Type ----- Full flow
 Capacity (quarts dry) ----- 1-1/2
 Replacement element number ----- PF-131

11-29-57 Data revised 6-27-58

T-116 - ENGINE, 283 CUBIC INCH EIGHT CYLINDER

CHEVROLET 1958 SPECIFICATIONS - TRUCK

ENGINE COOLING SYSTEM

TYPE ----- Pressure
 Pressure cap capacity (PSI)
 3-4-5-6000 series with 3, 4 or 5 speed trans. --- 7
 7-8000 & 5-6000 with Powermatic trans. ----- 9

RADIATOR

Make ----- Harrison
Type
 3&4000 series ----- Cellular
 5000 series except Powermatic ----- Cellular
 5000 series with Powermatic ----- Tube and center
 6000 series except 6242 & 6642 --- Tube and center
 6242 & 6642 ----- Cellular
 7000 & 8000 series ----- Tube and center

Capacity (quarts)
 3000 series except 34-35-3700 ----- 17.5
 4000 series ----- 18
 5000 series except Powermatic ----- 18.5
 5000 series with Powermatic ----- 21
 6000 series except 62&6600 & Powermatic ----- 18
 62&6600 ----- 17
 6000 series with Powermatic ----- 21.5
 7000 & 8000 except Powermatic ----- 23
 7000 & 8000 with Powermatic ----- 23.5

Core thickness
 3&4000 series ----- 2.00
 5000 series except Powermatic ----- 2.50
 5000 series with Powermatic ----- 2.26
 6000 series except Powermatic ----- 2.50
 6000 series with Powermatic ----- 2.62
 7000 series ----- 2.62
 8000 series with 4&5 speed trans. ----- 1.75
 8000 series with Powermatic ----- 2.62

Core constant
 3000 series ----- .25x.56
 4000 series ----- .22x.56
 5-6000 series except Powermatic ----- .20x.56
 5-6000 series with Powermatic ----- .20x.55
 7000 series ----- .18x.55
 8000 series ----- .20x.55

Frontal area (square inches)
 3000 series ----- 426
 4000 series ----- 470
 5-6000 series except Powermatic ----- 470
 5-6000 series with Powermatic ----- 530
 7000 series ----- 582
 8000 series ----- 530

THERMOSTAT

Make ----- Harrison
Type ----- Bellows operated poppet valve
 Valve begins to open at ----- 157°-163°F
 Valve fully opened at ----- 183°F

FUEL TANK

Location
 Chassis models ----- Outside of frame on right side
 Cab models ----- Behind seat

Type of construction
 All except school bus & 62-6600 -----
 ----- Two piece, seam welded
 School bus & 62-6600 --- Three piece, seam welded

Capacity (gallons)
 5000 series & 6000 series cab models ----- 17.5
 6000 chassis models except school bus&62-6600 - 18
 School bus & 62-6600 ----- 30
 7-8000 series except school bus ----- 21.5

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CHEVROLET 1958 SPECIFICATIONS - TRUCK

WATER PUMP

Type ----- Centrifugal
Number of pumps ----- One
Drive ----- By fan belt
Bearing ----- Permanently lubricated
 double row ball, see bearing chart.
Capacity (GPM) ----- 44.5@4000 engine RPM

RADIATOR HOSES

Location
Inlet ----- Thermostat housing to radiator
Outlet ----- Water pump to radiator

Inside diameter
Inlet ----- 1.50
Outlet ----- 1.76

Spring reinforcement
Inlet ----- None
Outlet ----- Yes

FAN

Number of blades
 3000 & 4000 series ----- 4
 5000-6000-7000 series ----- 5
 8000 series ----- 5

Diameter
 3000 series ----- 17.62
 4000-5000-6000 series ----- 19.00
 7000 & 8000 series ----- 20.00

FAN BELTS

Number of belts
 3000 & 4000 series ----- One
 5000 series ----- Two
 6000 series except 62&6600 ----- Two
 62&6600 ----- One
 7000 series ----- Two
 8000 series ----- Two

Material ----- Reinforced rubber

Width
 3-4000 series ----- 0.41
 5-6-8000 series ----- 0.31
 7000 series ----- 0.41

Length
 3000 series ----- 55.33
 4-5-6-8000 series except 62&6600 ----- 57.00
 62&6600 ----- 43.50
 7000 series ----- 55.77&43.50

SHROUD

5-6-7-8000 ----- Regular production

FUEL SYSTEM

Filler location
 Chassis models ----- On right side
 Cab models ----- On left side

Fuel gauge
Make ----- AC
Type ----- Electric

Filter ----- 40 mesh filter cloth on end of riser pipe

AIR CLEANER

Make & type ----- AC, oil bath
Filter element material
 Truamaster engine ----- Pita fiber
 Truamaster engines ----- Cactus fiber
Capacity (pints) ----- 2

ENGINE, 283 CUBIC INCH EIGHT CYLINDER . T-117

FUEL SYSTEM - Continued

CARBURETOR

Make & type	Rochester, 2-bbl., downdraft
Model (Trademaster engine)	7012453
Model (Taskmaster engine)	7012457
* Description	Dual downdraft
Venturi throat inside diameter	1.09
Throttle body inside diameter	1.43
Choke	Manual
Model (Super Taskmaster)	7012303
Make	Rochester
Type	4-barrel, downdraft
Main venturi diameters	
Primary	1.00
Secondary	1.06
Throttle body inside diameter	
Primary and secondary	1.31

FUEL PUMP

Make	AC
Model (Trademaster engine)	EN
Model (Taskmaster & Super Taskmaster engines)-	GR
Type	Diaphragm

GENERATOR

Make	Delco-Remy
Model	1102096
Type	Two brush, shunt wound
Rating	
Volts	12
Amperes	30
Ventilation	By pulley fan
Pulley size (pitch diameter)	
3000 series except 34-35-3700	3.62
4-5-6-7-8000 series	5.00
Angle of "V"	36°
Brush spring tension (ounces)	24-32
Rotation (drive end)	Clockwise
Generator to engine ratio	
3000 series	1.83
4-5-6-7-8000 series	1.33

RPO GENERATOR EQUIPMENT

35 Ampere generator	
Make	Delco-Remy
Model	
Conventional steering	1102114
Hydraulic steering	1102115
Regulator number	1119002
45 Ampere generator	
Make	Delco-Remy
Model	
Low cut in	1106985
Heavy duty	1106985
Regulator number	1119603

VOLTAGE and CURRENT REGULATOR

Make	Delco-Remy
Model	1119001
Type	Vibrator
Location	In engine compartment on left side of dash.

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FUEL PUMP (Cont'd.)

Drive	From camshaft thru pump push rod to pump rocker arm.
Air dome	Yes, outlet
Pressure at carburetor (PSI)	5-1/4-6-1/2

EXHAUST SYSTEM

Make	Various
Type - (Trademaster) Single, diffusion and resonance straight thru flow.	
Taskmaster	Dual, reverse flow
Mounting	Single point
Exhaust pipe O.D.	2.576
Tail pipe I.D.	1.809

FUEL FILTER

Trademaster engine: (Exc. RPO 60 V8)	
Make	AC
Model	854391
(RPO 60 V8)	AC-3753309
Make (H.D. Taskmaster)	Industrial
.....	Wire Cloth Products Corp.
Model	3753309

ELECTRICAL SYSTEM

Voltage regulator	
Volts	13.8-14.8
Temperature	Operating
Average air gap075
Current regulator	
Amperes	27-33
Temperature	Operating
Average air gap075
Cut out relay closing voltage	11.8-13.5
Average air and point gap020

STARTING

Ignition switch	
Type	3 position, locked off, on and start.
Starter switch	
Type	Solenoid
Starting operation	Put transmission in neutral position, turn ignition key to extreme right

STARTING MOTOR

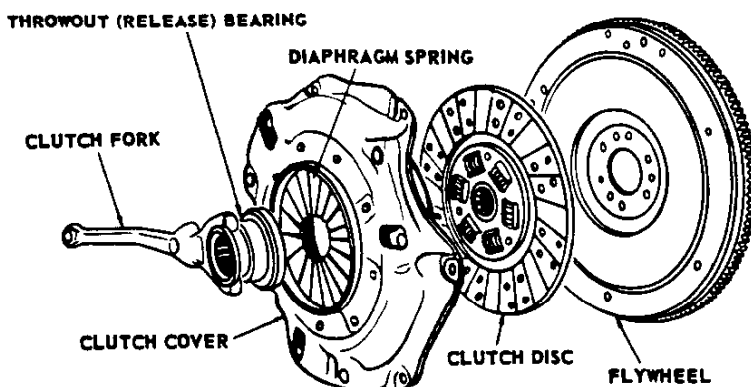
Make	Delco-Remy
Model	
Regular production	1107664
With automatic transmission	1107688
No load test data (1107664)	
Volts	10.6
Amperes (maximum)	75
RPM (minimum)	6900
No load test data (1107688)	
Volts	10.6
Amperes (maximum)	75
RPM (minimum)	6200

COIL

Make	Delco-Remy
Model	1115083
Resistor type	External
Location	At rear of intake manifold

* - Trademaster engine only.

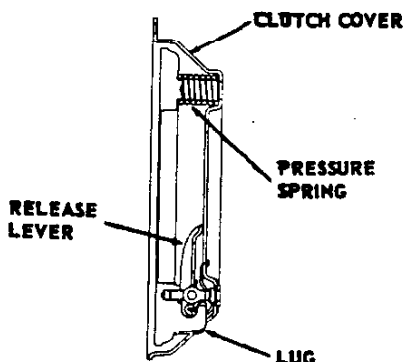
CLUTCH



DIAPHRAGM SPRING TYPE CLUTCH ILLUSTRATED

ITEM	31-32-36-38 with 235 engine	31-32-36-3800 (235 engine with RPO 227); 34-35-37-4000 with 235 engine	
Type	Diaphragm spring single plate, dry disc type		
Rated torque capacity	238 Ft. Lbs.	282 Ft. Lbs.	
Drive	Strap		
Clutch Springs	Material	Hot rolled steel-pickled	
	Spring pressure applied by	One diaphragm spring	
	Total clutch spring pressure	1325-1500 lb.	
	Clutch spring release	Diaphragm action, spring pivots on pivot ring	
Drive Disc	Type	One spring cushioned plate with two facings	
	Vibration insulation @ hub	6 cushion springs	
	Facing(2)	Material ^a	Molded type asbestos comp.
		O. D.	10
		I. D.	6
		Area (both facings)	100.53
Thickness		.132-.138	
Bearings	Throwout (release)	See anti-friction bearing pages, T-143-144	
	Pilot	Lubrication	Packed for life
		Make and no.	Chevrolet 412562
		Type	Sintered bronze bushing, oil impregnated
		I. D.	.5915-.5925
		O. D.	1.0935-1.0945
		Width	.740-.760
		Lubrication	Self
Controls	Clutch fork	Drop forged (pivot mounted on ball)	
	Pedal mounting location	L. C. F. models, on body mounting bracket; all others, on side rail.	
Flywheel	Material	Piston iron	
	Ring gear	Type	Cold drawn steel, shrunk on flywheel
		Number of teeth	168
		Width & pitch diameter	0.4135 wide; 14.00 pitch diameter
Clutch attachment to flywheel		6 bolts	

CLUTCH



MULTIPLE COIL SPRING TYPE CLUTCH ILLUSTRATED

ITEM	3000-4000 (With 283 engine)	3000-4000 (V8 with RPO 227)	5-6-7-8000(V8 exc. forward control models); 60 reg. prod.	90 & 100 (with 348 eng) 10800 (with 322 eng)	
Type	Multiple coil spring, single plate, dry disc type				
Rated torque capacity	295 Ft. Lbs.	305 Ft. Lbs.	337 Ft. Lbs.	340 Ft. Lbs.	
Drive	Lug			Strap	
Clutch Spring	Material				
	Spring pressure applied by				
	Total clutch spring pressure				
	Clutch spring release				
Driven Disc	Spring wire-heat treated				
	12 springs				
	3 levers pivoting on struts				
	*				
	Type				
	One, spring cushioned plate with two facings				
	Vibration insulation @ hub				
Facing (2)	6 cushion springs				
	8 springs				
	Material				
	Molded woven type asbestos composition, steel backed ‡				
	**				
	O. D.				
10.5					
11.0					
I. D.					
6.5					
6.5					
Area (sq. in.) (both facings)					
106.81					
123.70					
177.82					
Thickness					
.130-.136					
.150					
Bearings	Throwout (release)				
	Type, make & no.				
	See anti-friction bearing pages, T-143-144				
	Lubrication				
	Packed for life				
	Pilot	Make and No.			
		Chevrolet 412562			
		Type			
Sintered bronze bushing, oil impregnated					
\$					
I. D.					
.5915-.5925					
O. D.					
1.0935-1.0945					
Width					
.740-.760					
Lubrication					
Self					
Controls	Clutch fork				
	Drop-forged (pivot mounted on ball)				
Pedal mounting location					
L. C. F. models, on body mounting bracket; all others, on side rail					
Flywheel	Material				
	Piston iron				
	Ring gear	Type			
		Cold drawn steel, shrunk on flywheel			
Number of teeth					
168					
180					
Width & pitch diameter					
0.4135 wide; 14.00 pitch diameter					
Clutch attachment to flywheel					
6 bolts			8 bolts		

* - 4 levers pivoting on struts

** - Molded type asbestos composition with steel backing

\$ - See anti-friction bearing chart

‡ - Exc. 60 series 6 cyl. which has no steel backing

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T-133-A - CLUTCH DATA

CHEVROLET 1958 SPECIFICATIONS - TRUCK