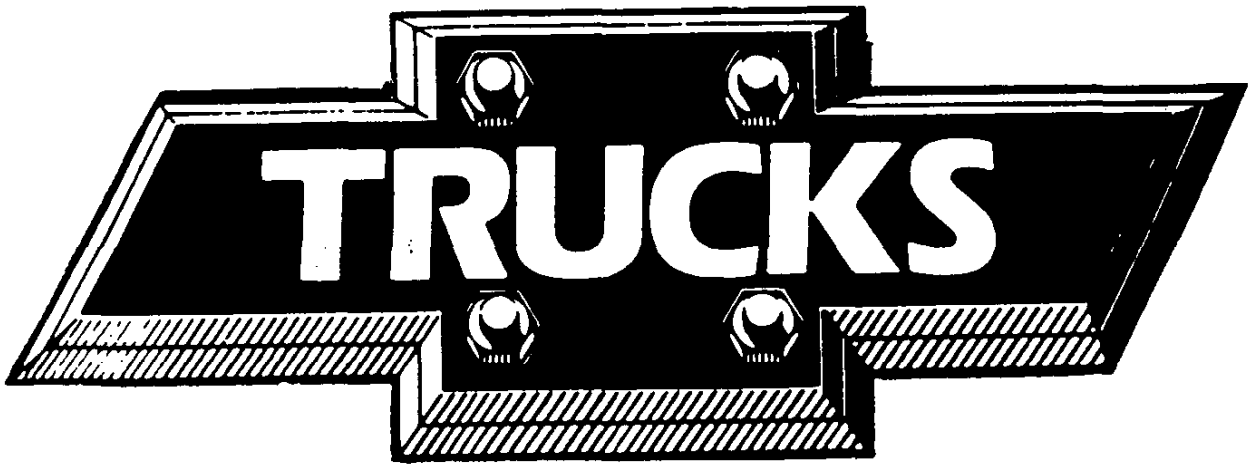
CHEVROLET



1957

TRUCKS

MODELS •

Type	Series	F/F Cowl Chassis	School Bus Chassis	Cab Chassis	Pickup Truck	Panel Truck	Suburban Carryall	Sedan Del.	Stake Truck	W/S Cowl Chassis	Cameo Carrier	Forward Control Chassis
LIGHT DUTY	1500							1508*				
	3100	3102		3103%	3104%	3105%	3106-16%			3112	3124	
	3200			3203 •	3204							
	3400											3442
	3500											3542
	3600	3602		3603%	3604%				3609%	3612		
	3700											3742
	3800	3802		3803%	3804%	3805%			3809%	3812		
MEDIUM DUTY	4100	4102		4103					4109	4112		
	4400	4402		4403					4409	4412		
	4500		4502									
	5100S			5103S								
	5100			5103								
	5100H			5103H								
	5400S			5403S					5409S			
	5400			5403					5409			
	5400H			5403H					5409H			
	5700S			5703S								
	5700			5703								
	5700H			5703H								
	6100S	6102S		6103S					6109S	6112S		
	6100	6102		6103					6109	6112		
	6100H	6102H		6103H					6109H	6112H		
	6200											6242
	6400S	6402S		6403S					6409S	6412S		
	6400	6402		6403					6409	6412		
	6400H	6402H		6403H					6409H	6412H		
	6500S	6502S		6503S						6512S		
	6500	6502		6503						6512		
	6500H	6502H		6503H						6512H		
	6600											6642
	6700		6702									
	6800		6802									
HEAVY DUTY	7100			7103					7109			
	7200			7203								
	7700			7703								
	8100			8103					8109			
	8200			8203								
	8400			8403@					8409			
	8500			8503@								
	8700			8703@								
	8800		8802									
	9100			9103								
	9200			9203								
	9700			9703								
	10100			10103								
	10200			10203								
	10400			10403@								
	10500			10503@								
	10700			10703@								
	10800		10802									

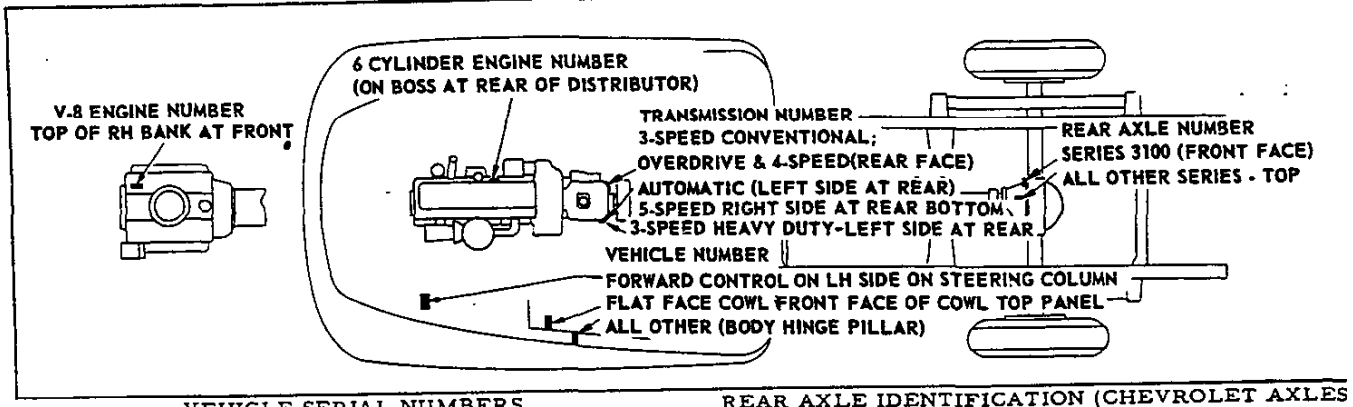
* - See Passenger Car Section for Sedan Delivery specifications.

¢ - 3106, Suburban body with panel doors; 3116, Suburban body with end gate.

@ - Optional Tandem Axle Equipment available on these models: for 8000 Series see RPO 682; for 10000 Series see RPO 476.

• % - Optional Four Wheel Drive Equipment is available on these models; see RPO 690. For sales purposes only, model series for trucks equipped with Four Wheel Drive Equipment will be: 3153, 3154, 3155, 3156, 3166, 3653, 3654, 3659, 3853, 3854, 3855, & 3859

SERIAL NUMBER AND IDENTIFICATION



VEHICLE SERIAL NUMBERS

Example: 3B 57F 100025

- 3B — Series Designation*
- 57 — Year
- F — Assembly Plant
- 100025 — Unit Number (Begin with 100001 at each plant regardless of series)

Series Designation:

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

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

* - A "V" prefix to the series designation will identify models equipped with the optional V-8 engine.
x - Data added • - Data revised 3-1-57

REAR AXLE IDENTIFICATION (CHEVROLET AXLES

Example: AF 2 12

- AF — Type series and assembly plant designation
- 2 — Month
- 12 — Day of month

Type Designation:

AF 3100-3200 reg. prod.
AG 3100-3200 with RPO 315
AR 3100 with RPO 690 x
CA 3400-3500-3700 reg. prod.
CB 3400-3500-3700-3800 with RPO 299, 462
CC 3600- reg. prod. & RPO 314, 316, 318 x
CD 3600 with RPO 285
CP 3600 with RPO 690 x
CE 3400-3500-3700- with RPO 316, 318, 321
CF 3800 reg. prod. and 34-35-3700 with RPO 205
CQ 3800 with RPO 690 x
CG 4000 reg. prod.
CW 4100-4400 RPO 243
CN 4500 RPO 243
CH 5-6-7-8000 (except 8800) RPO 251
CM 5-6-7-8-10800 reg. prod.
CL 5-6-7-8000 (except 62-6600) RPO 201-415
DA 8000-10000 tandem RPO 682-476 (rear)
DB 8000-10000 tandem RPO 682, 476 (aux. rear)

AXLE IDENTIFICATION (EATON AXLES) • x

Front Axle Spec. Nos.

S 9728-5000	S9462A-9000 (10 bolt hu
S 9703-6200-6600	S9725 -9000 (full air o
S 9095B-7000-9000	S9463A-10000(10 bolt hu
S 9059B-8000-10000	S9724- 10000 (full air o
	S9705- tandem(H. D. op

Spec. no. stamped on bottom LH side, serial no. stamped on bottom RH side of I-Beam.

Rear Axle Spec. Numbers and Ratios

S 9701 (7.17:1)	-5000-61-64-6500-(16000 lb.cap
S 9702 (6.50/9.04:1)	-5000-61-64-6500-(16000 lb.cap
S 9460 (7.17:1)	-7-8-9-10000-(16000 lb.cap
S 9461 (6.50/9.04:1)	-7-8-9-10000-(16000 lb.cap
S 9603 (7.17:1)	9000-10000-(18000 lb. cap. 10 b
S 9605 (6.50/8.87:1)	9000-10000-(18000 lb. cap. 10 b
S 9726 (7.17:1)	9000-10000-(18000 lb. cap. full a
S 9727 (6.50/8.87:1)	9000-10000-(18000 lb. cap. full a

Ratio and serial number stamped on differential carr below pad; Specification number stamped on housing

ENGINE IDENTIFICATION (EXCEPT LOADMASTER)

Example: F 101 A

- F — Assembly Plant Designation. F- Flint; T- Tonawanda
- 101 — Calender Month and date produced. 1:: Jan., 2::Feb., etc. 01:: First day of month, 02:: Second day of month etc.
- A — Type and Series Designation

Type and Series Designations

H -3100-3200-3600-3800 regular production
HD -3100-3200-3600-3800-4000 with RPO 308-314
L -3100-3200-3600-3800-4000 with RPO 408-409
LA -3100-3200-3600-3800-4000 RPO 408-409 with RPO 308 - 314
LB -3100-3200-3600-3800-4000 RPO 227 with RPO 408 - 409
J -3400-3500-3700 Regular Production
JA -3400-3500-3700 RPO 321
M -3400-3500-3700 RPO 408
HE -4000 Regular Production (3100-3200-3600-3800 RPO 227)
N -5000 Regular Production
NA -5000 with RPO 310
NC -5000 with RPO 418
ND -5000 RPO 418 with RPO 310
K -6000 Regular Production
KC -6000 (except 6200-6600) with RPO 309o
P -6000 (except 6200-6600) with RPO 409•
PA -6000 (except 6200-6600) RPO 409 with RPO 309•
PC -6000 (except 6200-6600) RPO 409 with RPO 418•
PD -6000 (except 6200-6600) RPO 409 with RPO 418-309•
R -7000 Regular Production
RA -7000 with RPO 310
RD -7000 with RPO 474
RE -7000 RPO 474 with RPO 310
RF -7000 with RPO 418
RG -7000 RPO 418 with RPO 310
RH -7000 RPO 418 with RPO 310 - 474
RJ -7000 RPO 418 with RPO 474
S -8000 Regular Production
SC -8000 with RPO 310
SD -8000 with RPO 413
SE -8000 RPO 413 with RPO 310
SF -8000 with RPO 418
SG -8000 RPO 418 with RPO 310
SH -8000 RPO 418 with RPO 413
SJ -8000 RPO 418 with RPO 310 - 413

LOADMASTER ENGINE SERIAL NUMBER

Example: CS2 100125

- CS2 — Source and type designation
- 100125 — Unit number, (numbered in sequence starting with 1001)

CS2-9000-10000 Regular Production
CA2-9000-10000 with RPO 311
CS4-9000-10000 with RPO 418
CA4-9000-10000 RPO 418 with RPO 311

TRANSMISSION IDENTIFICATION

Three Speed Conventional and Overdrive
Example: M 2 28
Plant (M-Muncie, S-Saginaw) Month Day of Month

Four Speed Synchromesh
Example: T 2 28
Plant (T-Toledo) Month Day of Month

Four Speed Automatic
Series 3100-3200 ---------- Orange plate color
Series 34-35-36-3800-4000 ---------- Black plate color

Three Speed Heavy Duty
Example: W B 28 2
Manufacturer ¢ Month* Day of Month Shift
¢- W- Borg Warner
*- A- January, B- February etc.

Five Speed Synchromesh (New Process)
Example: 2 28 7
Month Day of Month Year

Five Speed Synchromesh Heavy Duty (Spicer)
Example: D B 28 7
Manufacturer ¢ Month* Day of Month Year
¢- Dana Corporation
*- A-January, B-February, etc.

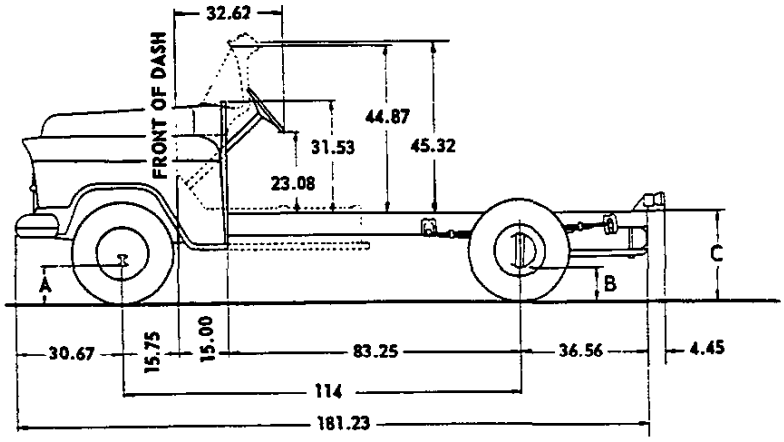
Six Speed Automatic (Powermatic)•
Series 6000 with 261 cu. in. engine----- Red I.D. plate
Series 5000-6000-7000-8000 with 283 cu. in. engine ---------- Yellow I.D. plate
Series 9000-10000 with 322 cu. in. engine ---------- Green I.D. plate

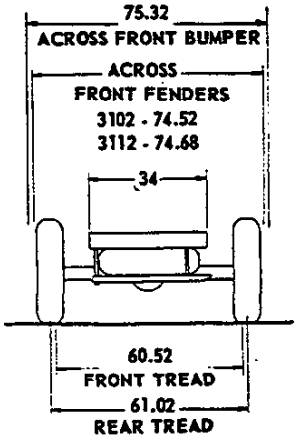
10-29-56 • - Data revised 3-1-57

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	25.60	6.70-15-4pr	6.70-15-4pr
Minimum for Max GVW	8.94	8.58	27.34	7-17.5-6 pr	7-17.5-6pr

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

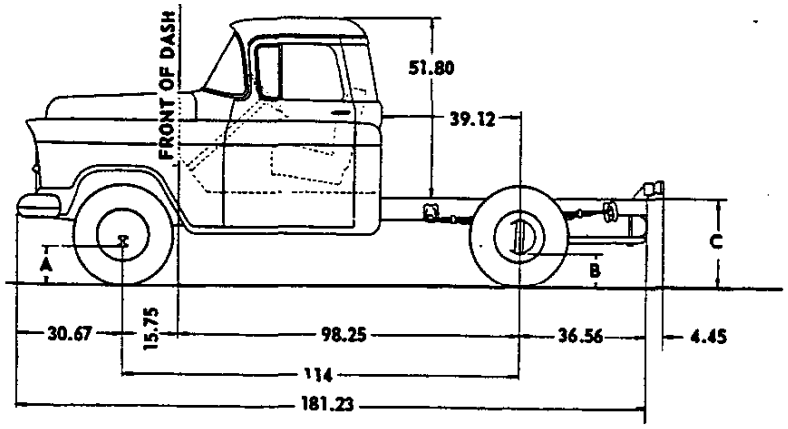
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
❸ 3102	1645	730	2375	1700	790	2490	2450	Determined by style, length and weight or body		
❸ 3112	1610	905	2515	1670	965	2635	2300			

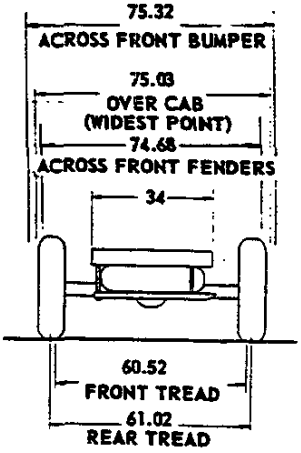
❸ - Estimated Weight.

CHASSIS AND BODY DIMENSIONS

MODEL 3103 CHASSIS WITH CAB

MINIMUM GVW 4000 LBS.
MAXIMUM GVW 5000 LBS.

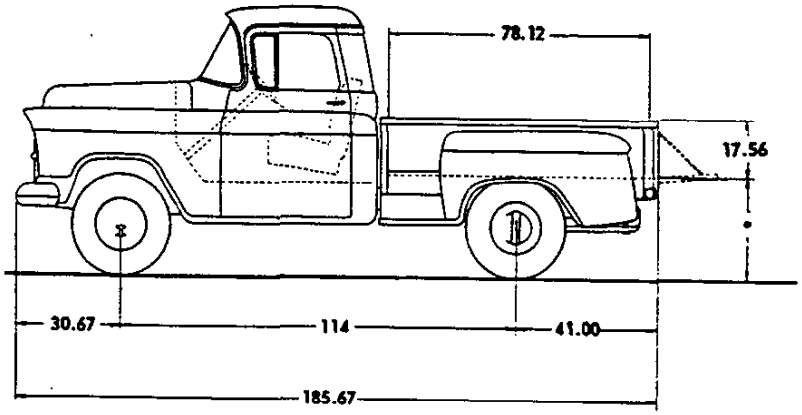


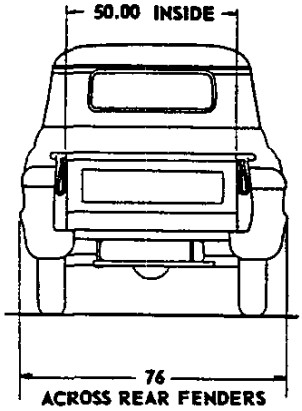


Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	8.04	7.68	25.66	6.70-15-4pr	6.70-15-4pr
Minimum for Max GVW	8.94	8.58	27.42	7-17.5-6pr	7-17.5-6pr

MODEL 3104 PICKUP TRUCK

MINIMUM GVW 4000 LBS.
MAXIMUM GVW 5000 LBS.





Equipment	* Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	25.95	27.82	6.70-15-4pr	6.70-15-4pr
Minimum for Max GVW	28.33	29.32	7-17.5-6pr	7-17.5-6pr

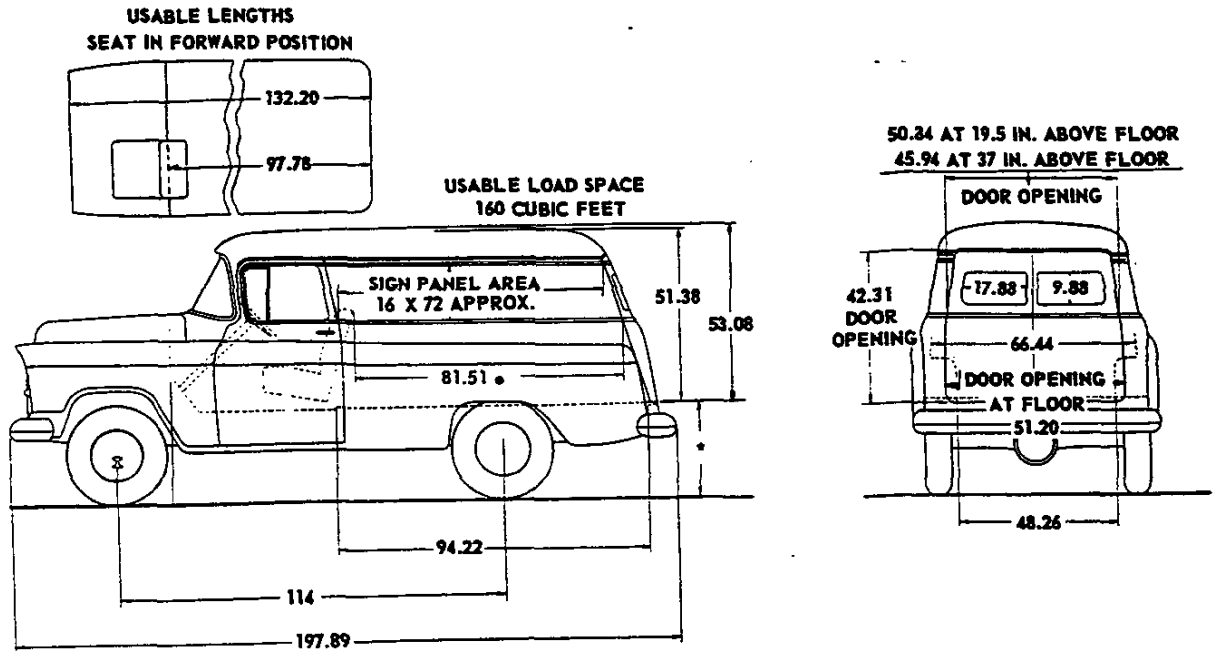
VEHICLE WEIGHTS AND LOAD DISTRIBUTION

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	1915	955	2870	2000	1015	3015	1900	1%	99%	72
3104	1910	1305	3215	1995	1365	3360	1575	0%	100%	78

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	23.13	26.62	6.70-15-4pr	6.70-15-4pr
Minimum for Max GVW	25.70	28.69	7-17.5-6pr	7-17.5-6pr

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

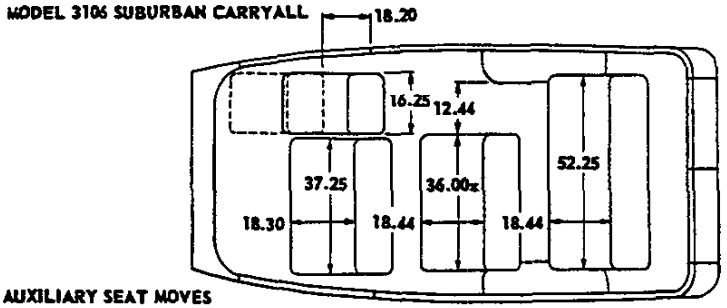
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW		
	Shipping			Curb			Payload	Payload Distribution	
	Front	Rear	Total	Front	Rear	Total		Front	Rear
3105	1830	1630	3460	1905	1690	3595	1325	5%	95%

10-29-56 • - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 3106 SUBURBAN CARRYALL

MINIMUM GVW 4300 LBS.
MAXIMUM GVW 5000 LBS.

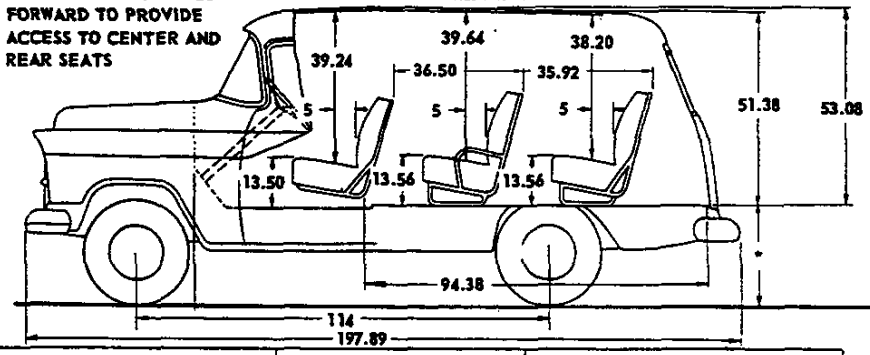


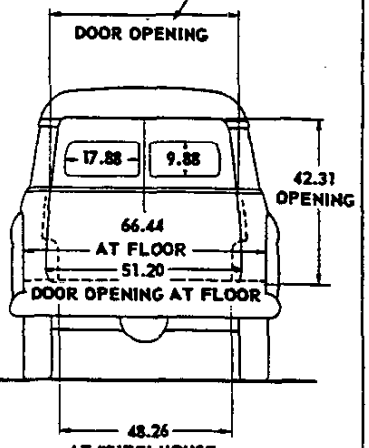
CENTER AND REAR SEATS REMOVABLE
REAR SEAT ADAPTABLE TO CENTER SEAT POSITION.

LEG ROOM
FRONT SEAT 42.14
CENTER SEAT 38.25
REAR SEAT 38.25

50.34 AT 19.5 IN. ABOVE FLOOR
45.94 AT 37 IN. ABOVE FLOOR

AUXILIARY SEAT MOVES FORWARD TO PROVIDE ACCESS TO CENTER AND REAR SEATS

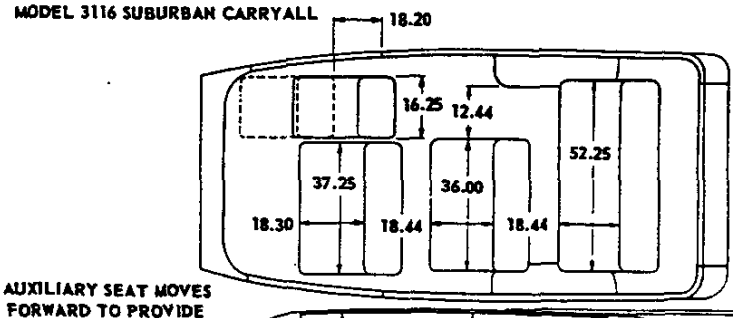




Equipment	*Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	25.31	25.61	6.70-15-6 pr	6.70-15-6 pr
Minimum for Max GVW	25.64	28.08	7-17.5-6pr	7-17.5-6pr

MODEL 3116 SUBURBAN CARRYALL

MINIMUM GVW 4300 LBS.
MAXIMUM GVW 5000 LBS.

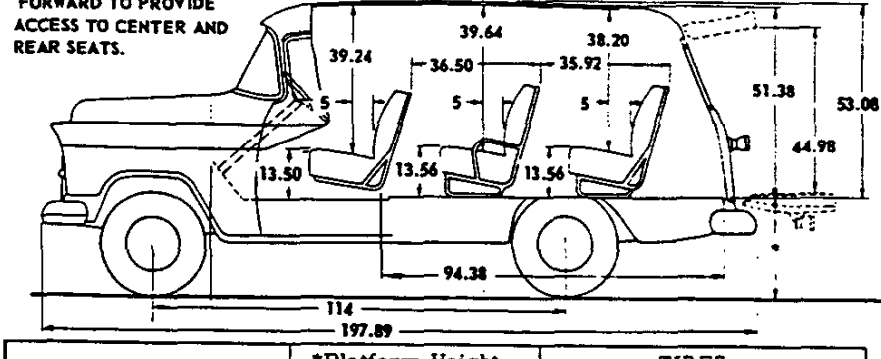


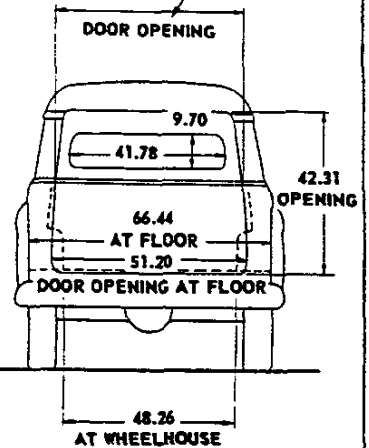
CENTER AND REAR SEATS REMOVABLE
REAR SEAT ADAPTABLE TO CENTER SEAT POSITION.

LEG ROOM
FRONT SEAT 42.14
CENTER SEAT 38.25
REAR SEAT 38.25

50.34 AT 19.5 IN. ABOVE FLOOR
45.94 AT 37 IN. ABOVE FLOOR

AUXILIARY SEAT MOVES FORWARD TO PROVIDE ACCESS TO CENTER AND REAR SEATS.





Equipment	*Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	25.29	25.63	6.70-15-6 pr	6.70-15-6 pr
Minimum for Max GVW	25.63	28.02	7-17.5-6pr	7-17.5-6pr

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

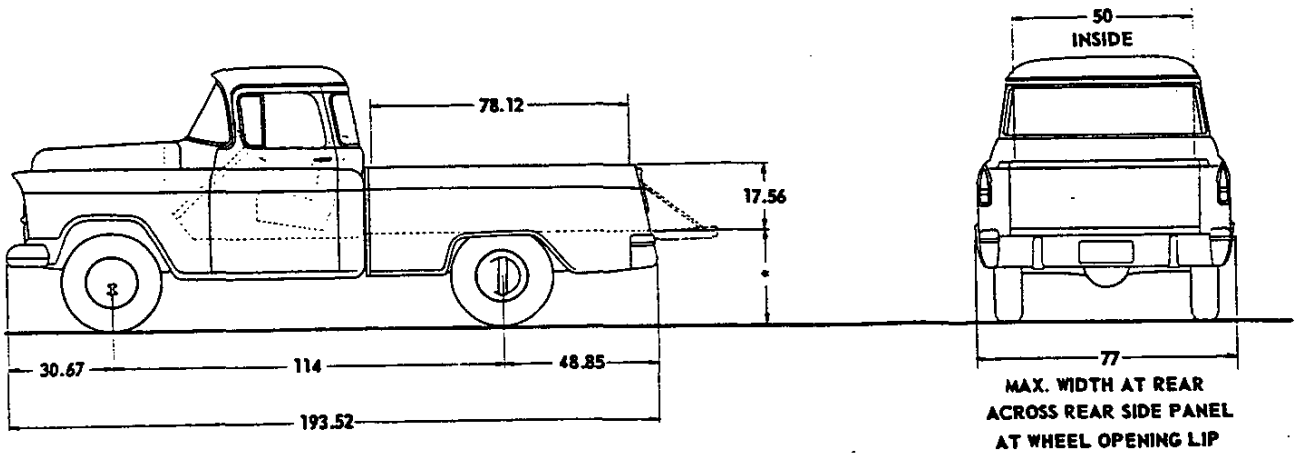
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW		
	Shipping			Curb			Payload	Payload Distribution	
	Front	Rear	Total	Front	Rear	Total		Front	Rear
3106	1855	1885	3740	1930	1945	3875	1050	4%	96%
3116	1860	1890	3750	1940	1950	3890	1025	4%	96%

10-29-56

CHASSIS AND BODY DIMENSIONS

MODEL 3124 CAMEO CARRIER

MINIMUM GVW 4000 LBS.
MAXIMUM GVW 5000 LBS.



Equipment	*Platform Height		Tires	
	Loaded	Unloaded	Front	Rear
Standard	25.70	27.95	6.70-15-4pr	6.70-15-4pr
Minimum for Max GVW	26.54	30.04	7-17.5-6pr	7-17.5-6pr

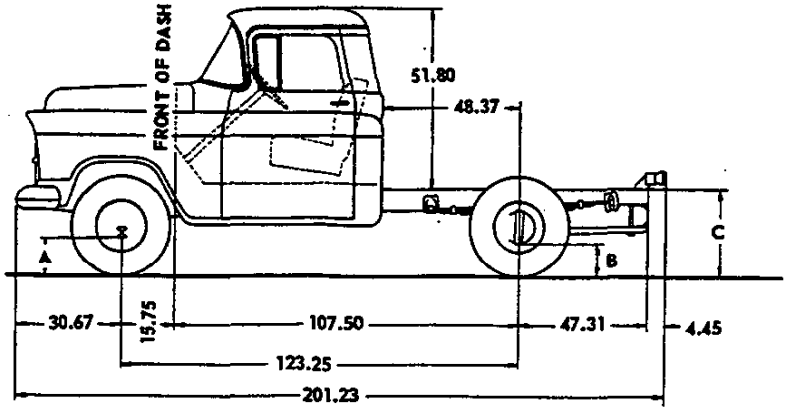
VEHICLE WEIGHTS AND LOAD DISTRIBUTION

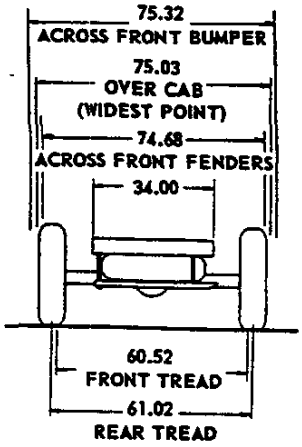
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
3124	1880	1495	3375	1960	1555	3515	1400	0%	100%	78

CHASSIS AND BODY DIMENSIONS

MODEL 3203 CHASSIS WITH CAB

MINIMUM GVW 4000 LBS.
MAXIMUM GVW 5000 LBS.



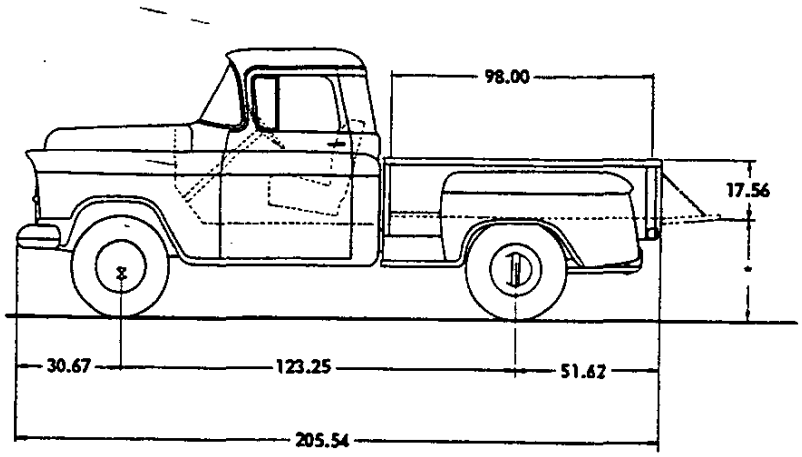


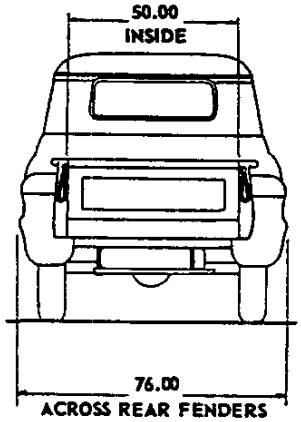
Equipment	Height*			Tires	
	A	B	C	Front	Rear
Standard	8.04	7.68	25.94	6.70-15-4pr	6.70-15pr
Minimum for maximum GVW	8.94	8.58	27.49	7.17.5-6pr	7.17.5-6pr

* - 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	26.18	27.76	6.70-15-4pr	6.70-15-4pr
Minimum for maximum GVW	26.38	29.78	7-17.5- 6pr	7-17.5- 6pr

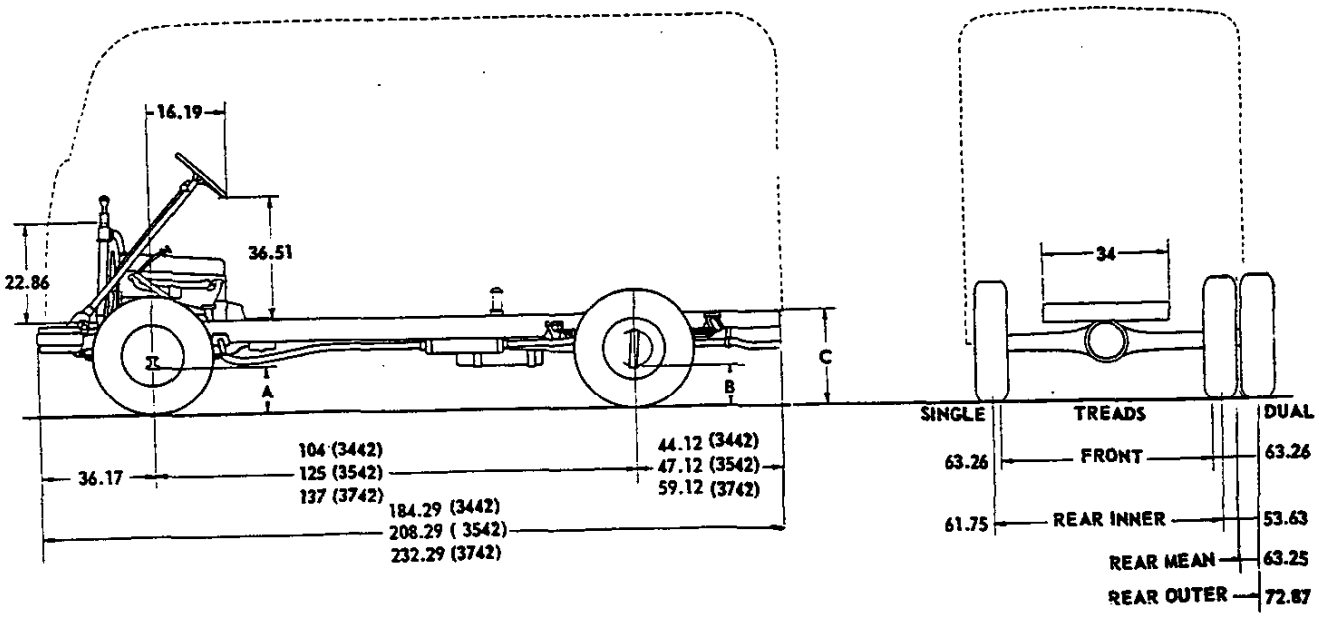
VEHICLE WEIGHTS AND LOAD DISTRIBUTION

MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and / or payload	Payload Distribution		Body
	Front	Rear	Total	Front	Rear	Total		Front	Rear	Length
3203	1956	1065	3021	2044	1120	3164	1695	4%	96%	84.00
3204	1956	1365	3320	2044	1420	3464	1395	0%	100%	98.00

CHASSIS AND BODY DIMENSIONS

MODELS 3442, 3542, 3742 FORWARD CONTROL CHASSIS

MINIMUM GVW 7,000 LBS.
MAXIMUM GVW 10,000 LBS.



Equipment	Height Without Body and Payload					TIRES	
	3442-3542-3742		3442	3542	3742		
	A	B	C			Front	Rear
Standard	7.69	9.63	28.26	28.12	28.05	8-19.5-6pr	8-19.5-6 pr
Minimum for Max GVW	7.69	9.63	27.77	27.71	27.68	8-19.5-6pr	8-19.5-6 pr Dual

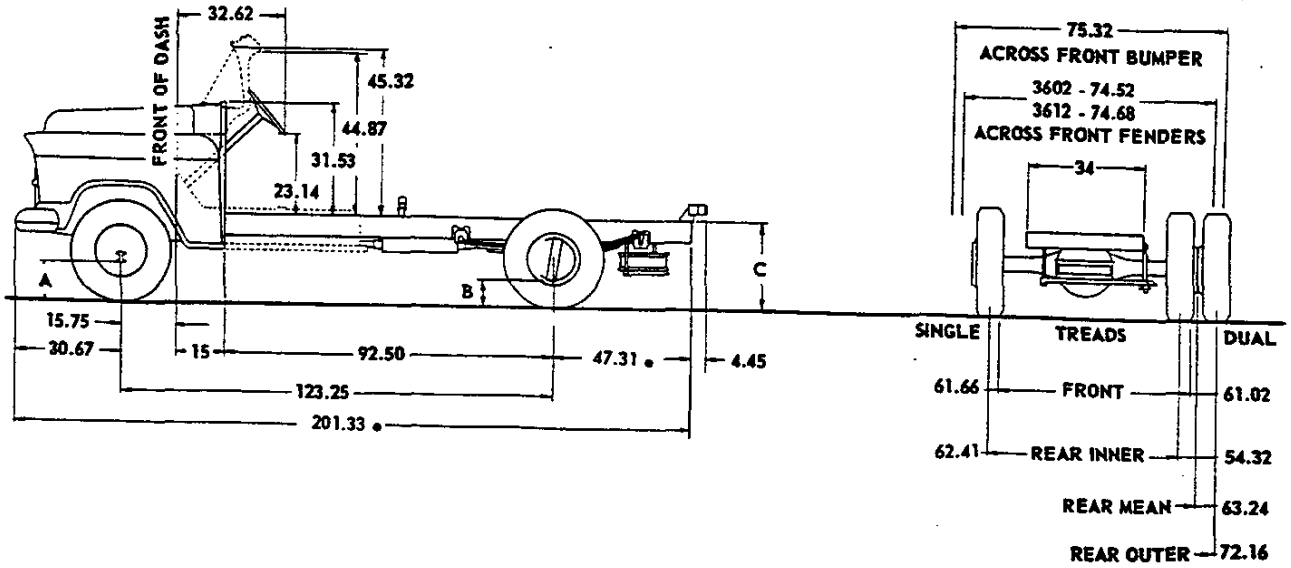
VEHICLE WEIGHTS AND LOAD DISTRIBUTION

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	
3442	1770	950	2720	1780	1055	2835	6750	Determined by style, length and weight of body		
3542	1800	965	2765	1830	1065	2895	6700			
3742	1820	965	2785	1855	1060	2915	6675			

CHASSIS AND BODY DIMENSIONS

MODEL 3602 CHASSIS WITH FLAT FACE COWL
MODEL 3612 CHASSIS WITH WINDSHIELD COWL

MINIMUM GVW 5200 LBS.
MAXIMUM GVW 6900 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	9.05	7.68	27.42	7-17.5-6pr	7-17.5-6pr
Minimum for Max GVW	11.00	9.63	30.48	8-19.5-6pr	8-19.5-6pr

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	
3602 ⊖	1760	980	2740	1800	1095	2895	3900	Determined by style, length and weight of body		
3612 ⊖	1800	1080	2880	1850	1190	3040	3750			

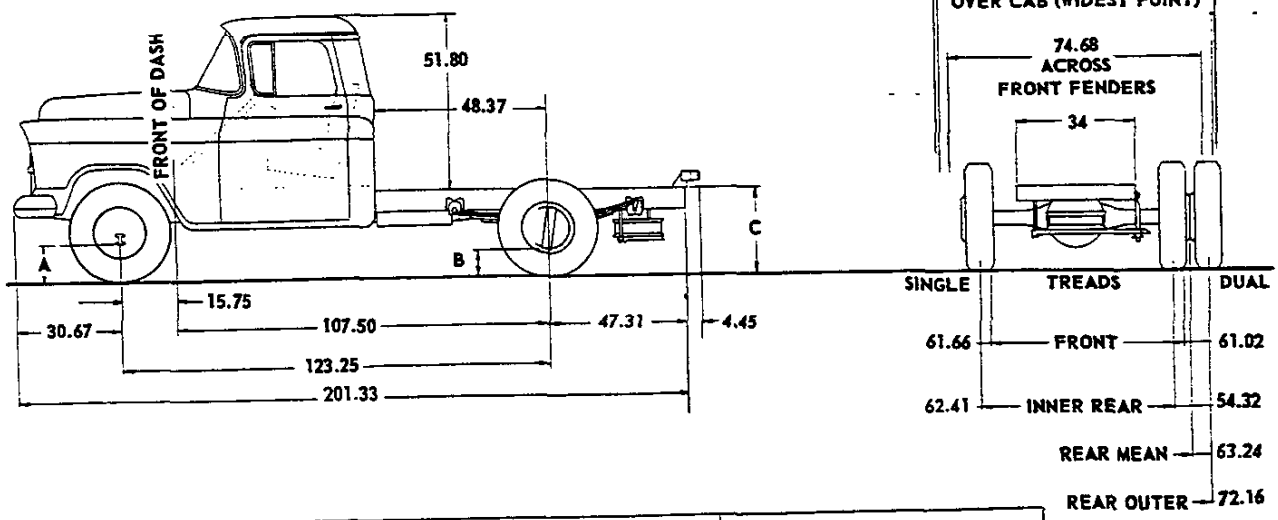
⊖ - Estimated Weight.

10-29-56 • - Data Revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 3603 CHASSIS WITH CAB

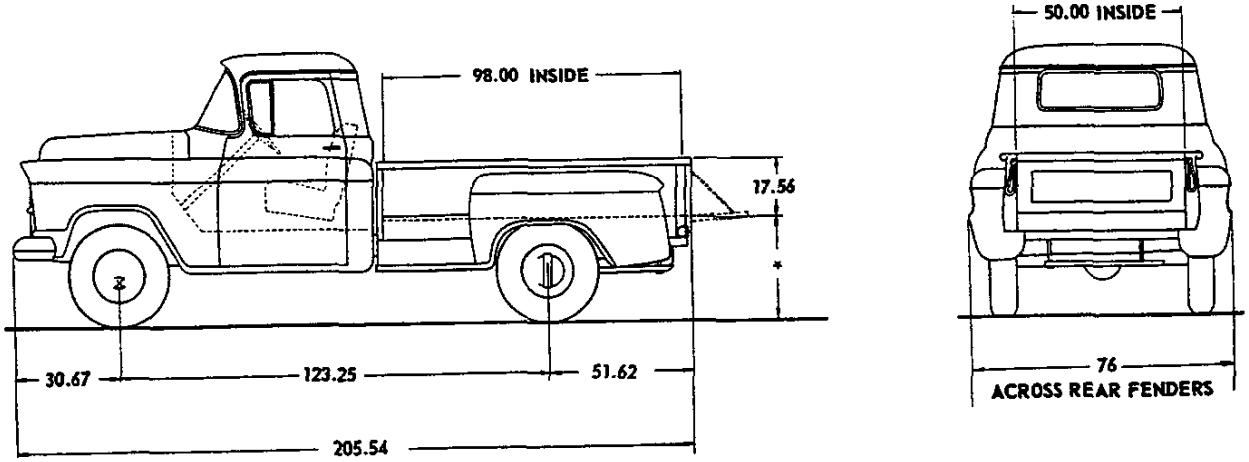
MINIMUM GVW 5200 LBS.
MAXIMUM GVW 6900 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	9.05	7.68	27.39	7-17.5-6pr	7-17.5-6pr
Minimum for Max GVW	11.00	9.63	30.52	8-19.5-6pr	8-19.5-6pr

MODEL 3604 PICKUP TRUCK

MINIMUM GVW 5200 LBS.
MAXIMUM GVW 6900 LBS.



Equipment	*Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	26.96	29.77	7-17.5-6pr	7-17.5-6pr
Minimum for Max GVW	29.20	33.22	8-19.5-6pr	8-19.5-6pr

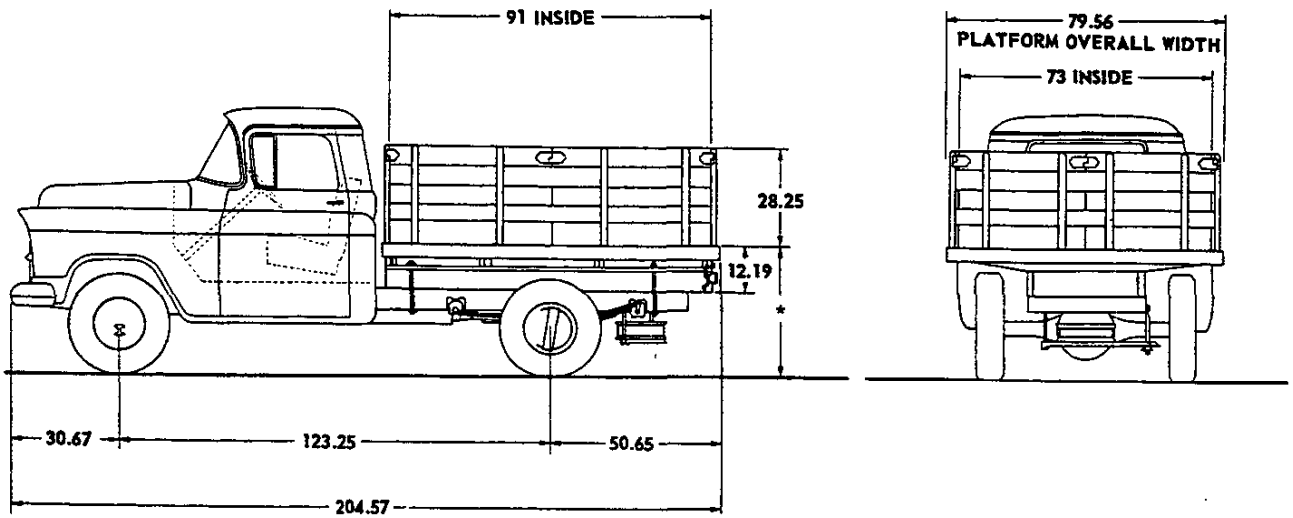
VEHICLE WEIGHTS AND LOAD DISTRIBUTION

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	
3603	2065	1185	3250	2150	1285	3435	3375	4%	96%	84
								1%	99%	90
3604	2065	1565	3630	2150	1685	3815	2975	0%	100%	98

CHASSIS AND BODY DIMENSIONS

MODEL 3609 STAKE TRUCK

MINIMUM GVW 5200 LBS.
MAXIMUM GVW 6900 LBS.



Equipment	*Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	36.40	38.47	7-17.5-6pr	7-17.5-6pr
Minimum for Max GVW	36.43	40.35	7-17.5-6pr	7-17.5-6pr Dual

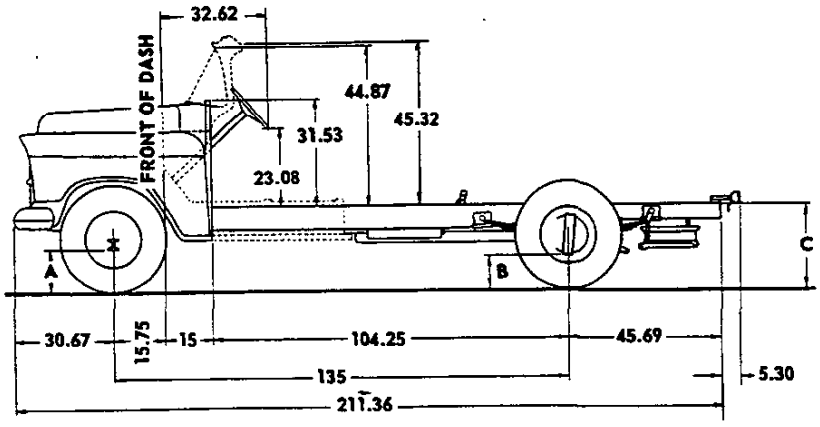
VEHICLE WEIGHTS AND LOAD DISTRIBUTION

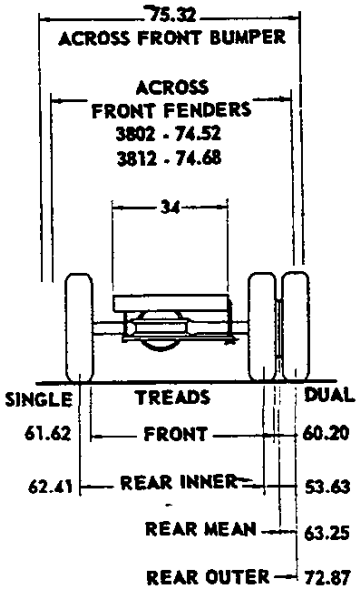
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
3609	2110	1765	3875	2190	1865	4055	2750	0	100%	91

CHASSIS AND BODY DIMENSIONS

MODEL 3802 CHASSIS WITH FLAT FACE COWL
MODEL 3812 CHASSIS WITH WINDSHIELD COWL

MINIMUM GVW 6200 LBS.
MAXIMUM GVW 9600 LBS.





Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	9.70	8.33	29.82	8-17.5-6pr	8-17.5-8pr
Minimum for Max GVW	11.00	9.63	31.14	8-19.5-6pr	8-19.5-6pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
3802 ⊕	1845	1100	2945	1880	1220	3105	6175 •	Determined by style, length and weight of body		
3812 ⊕	1980	1100	3080	2020	1225	3245	6025 •			

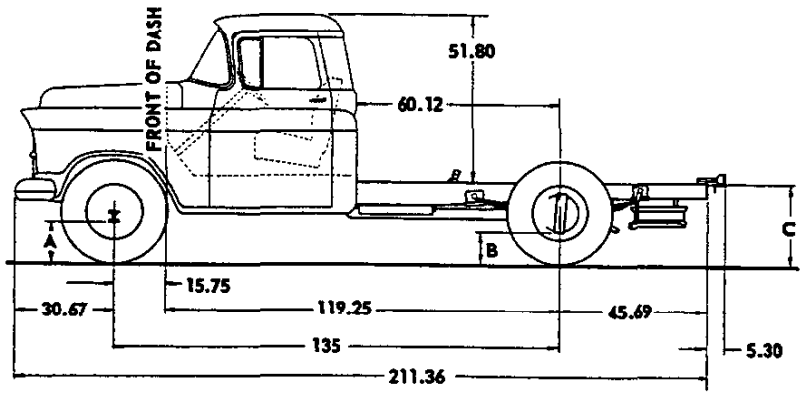
⊕ - Estimated Weight.

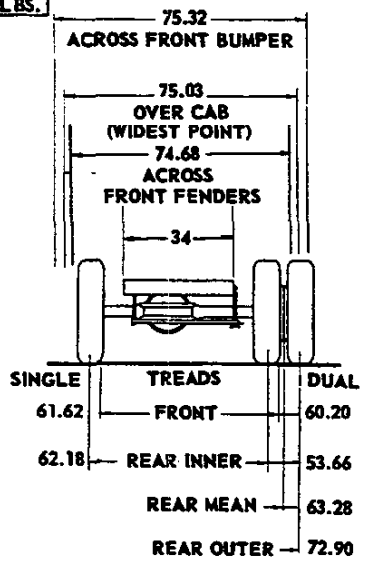
10-29-56 • - Data revised 5-15-57

CHASSIS AND BODY DIMENSIONS

MODEL 3803 CHASSIS WITH CAB

MINIMUM GVW 6200 LBS.
• MAXIMUM GVW 9600 LBS.

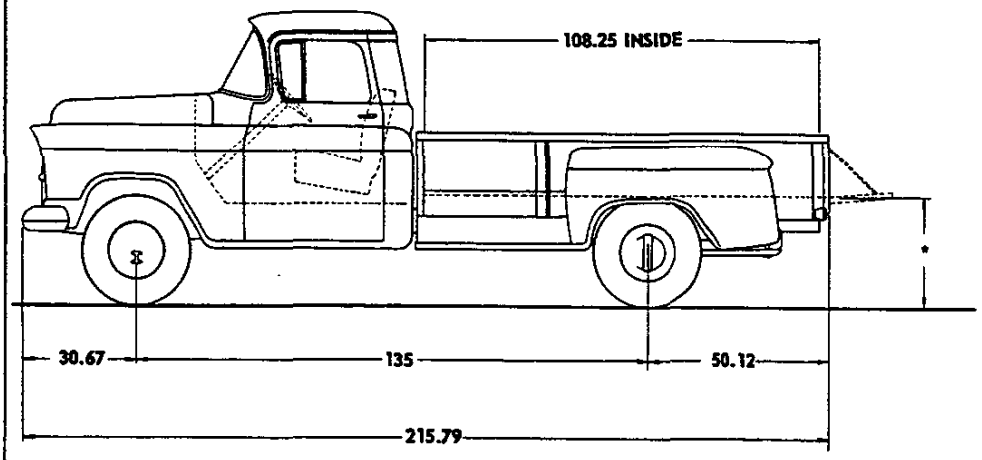


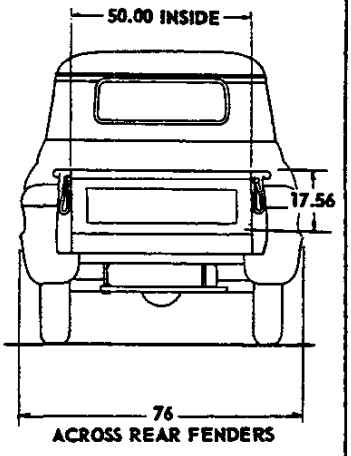


Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	9.70	8.33	29.72	8-17.5-6pr	8-17.5-8pr
Minimum for Max GVW	11.00	9.63	31.11	8-19.5-6pr	8-19.5-6pr Dual

MODEL 3804 PICKUP TRUCK

MINIMUM GVW 6200 LBS.
MAXIMUM GVW 7000 LBS.





Equipment	*Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	27.52	32.18	8-17.5-6pr	8-17.5-8pr
Minimum for Max GVW	30.93	33.75	8-19.5-6pr	8-19.5-6pr

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

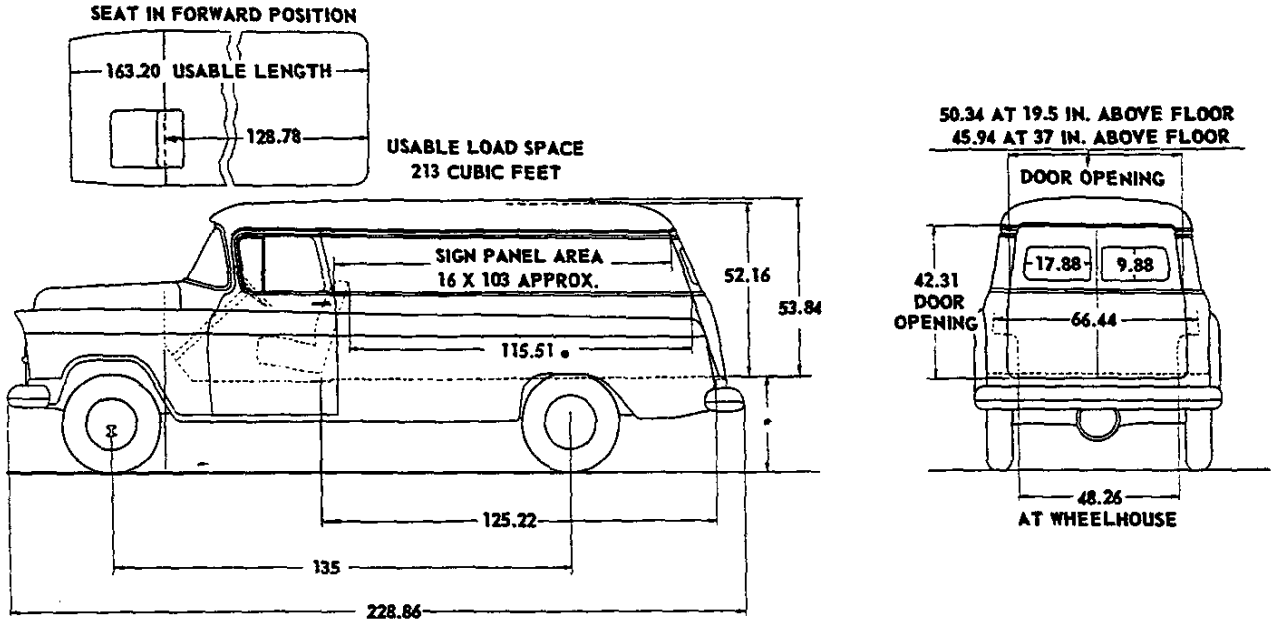
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and/ or Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
3803	2180	1315	3495	2265	1420	3685	5600 •	12%	88%	84
3804	2230	1710	3940	2315	1810	4125	2800	1% 4%	99% 96%	114 108.25

10-29-56 • - Data revised 5-15-57

CHASSIS AND BODY DIMENSIONS

MODEL 3805 PANEL TRUCK

MINIMUM GVW 6200 LBS.
MAXIMUM GVW 7000 LBS.



Equipment	*Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	29.25	31.21	8-17.5-6pr	8-17.5-8pr
Minimum for Max GVW	29.63	33.30	8-19.5-6pr	8-19.5-6pr

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

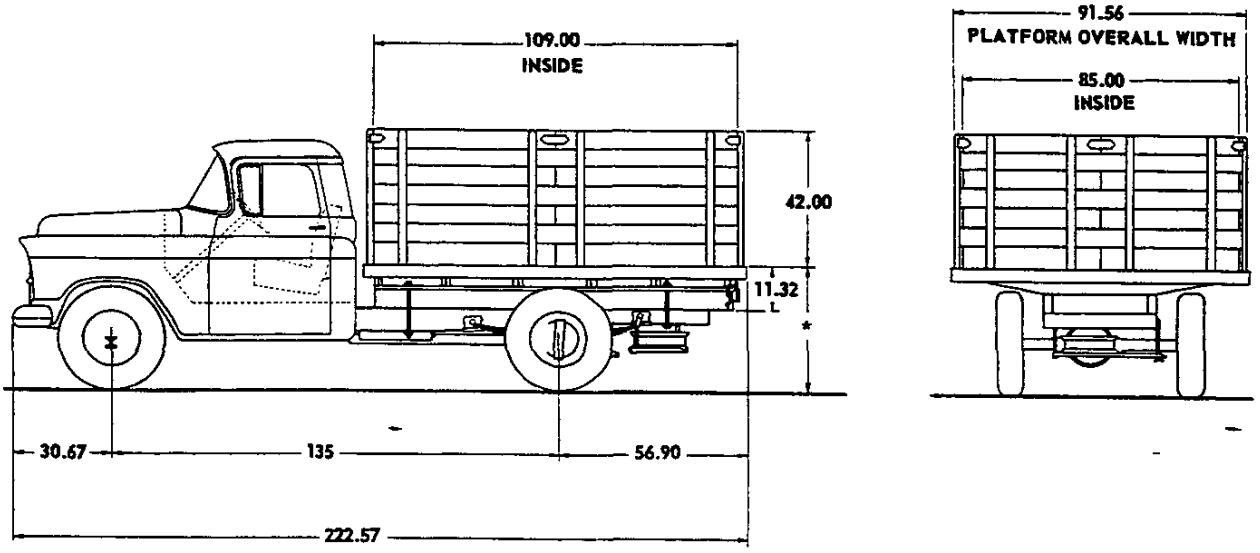
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW		
	Shipping			Curb			Payload	Payload Distribution	
	Front	Rear	Total	Front	Rear	Total		Front	Rear
3805	2130	2115	4245	2195	2230	4425	2500	6%	94%

10-29-56 • - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 3809 STAKE TRUCK

MINIMUM GVW 6200 LBS.
● MAXIMUM GVW 9600 LBS.



Equipment	*Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	37.36	39.81	8-17.5-6pr	8-17.5-8pr
Minimum for Max GVW	38.04	41.59	8-19.5-6pr	8-19.5-6pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

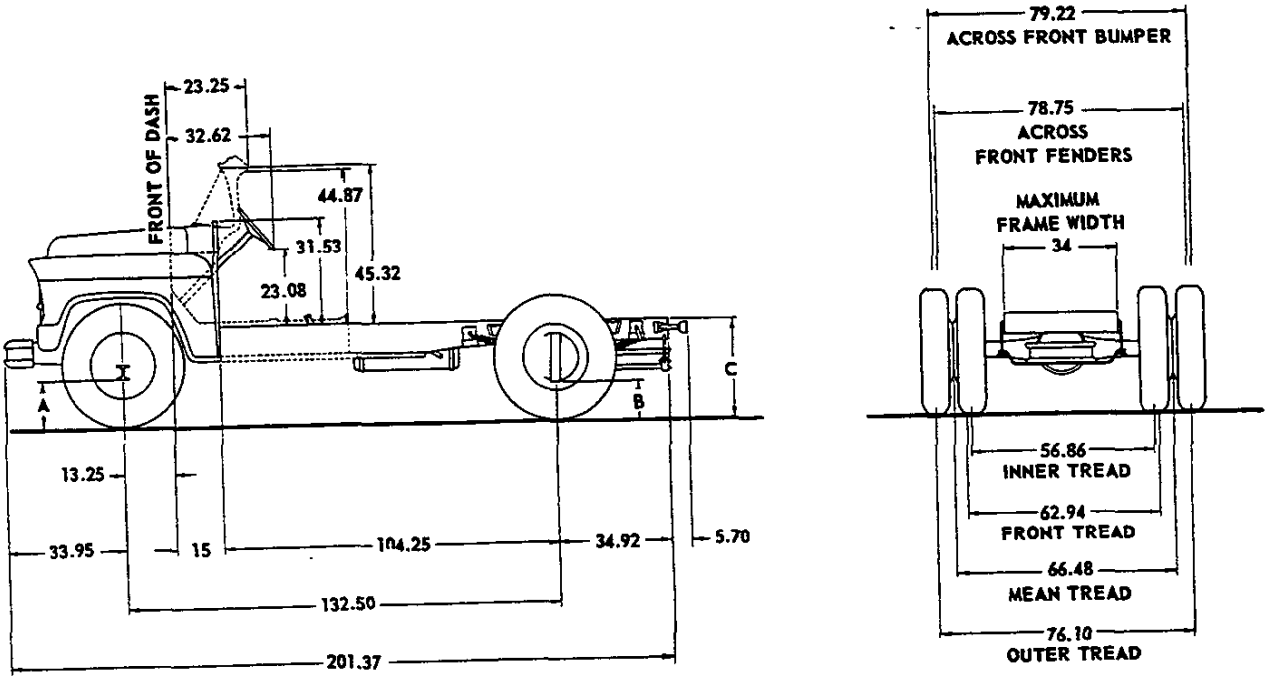
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
3809	2235	2050	4285	2320	2155	4475	4800 ●	1%	99%	109

10-29-56 ● - Data revised 5-15-57

CHASSIS AND BODY DIMENSIONS

MODEL 4102 CHASSIS WITH FLAT FACE COWL
MODEL 4112 CHASSIS WITH WINDSHIELD COWL

MINIMUM GVW 10,000 LBS.
MAXIMUM GVW 14,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.90	9.53	32.07	7-22.5-6pr	7-22.5-6pr Dual
Minimum for Max GVW	11.90	10.43	32.93	7-22.5-6pr	8-22.5-8pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
4102 ⊖	2160	1595	3755	2210	1715	3925	9900	Determined by style, length and weight of body.		
4112 ⊖	2315	1580	3895	2365	1700	4065 ●	9775			

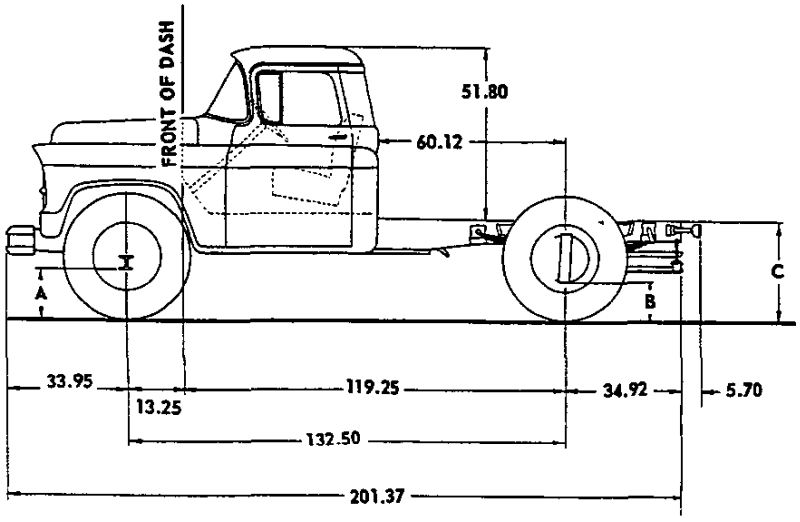
⊖ - Estimated Weight.

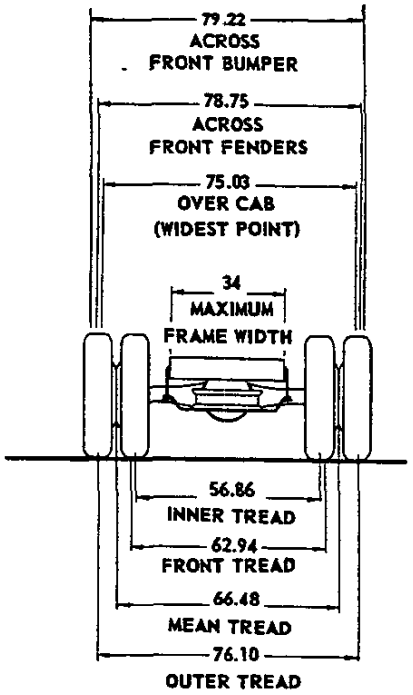
10-29-56 ● - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 4103 CHASSIS WITH CAB

MINIMUM GVW 10,000 LBS.
MAXIMUM GVW 14,000 LBS.





Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.90	9.53	32.09	7-22.5-6pr	7-22.5-6pr Dual
Minimum for Max GVW	11.90	10.43	32.96	7-22.5-6pr	8-22.5-8pr Dual

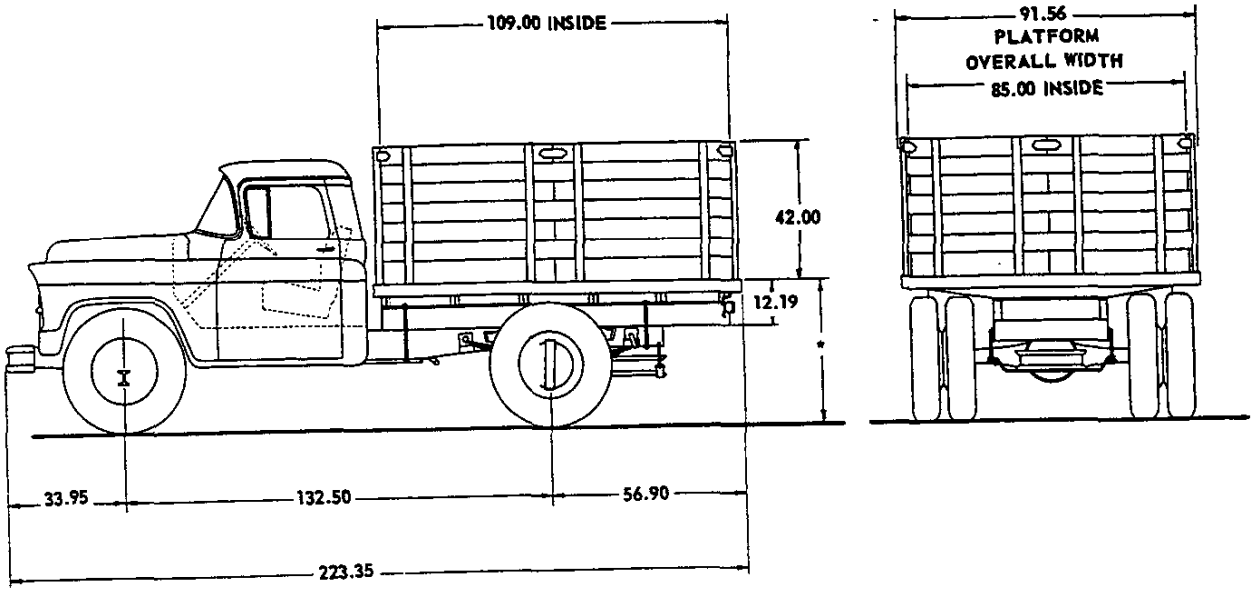
VEHICLE WEIGHTS AND LOAD DISTRIBUTION

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	
4103	2495	1760	4255	2580	1865	4445	9400	12%	88%	84
								8%	92%	96
								1%	99%	114

CHASSIS AND BODY DIMENSIONS

MODEL 4109 STAKE TRUCK

MINIMUM GVW 10,000 LBS.
MAXIMUM GVW 14,000 LBS.



Equipment	* Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	41.88	44.31	7-22.5-6pr	7-22.5-6pr Dual
Minimum for Max GVW	42.02	45.28	7-22.5-6pr	8-22.5-8pr Dual

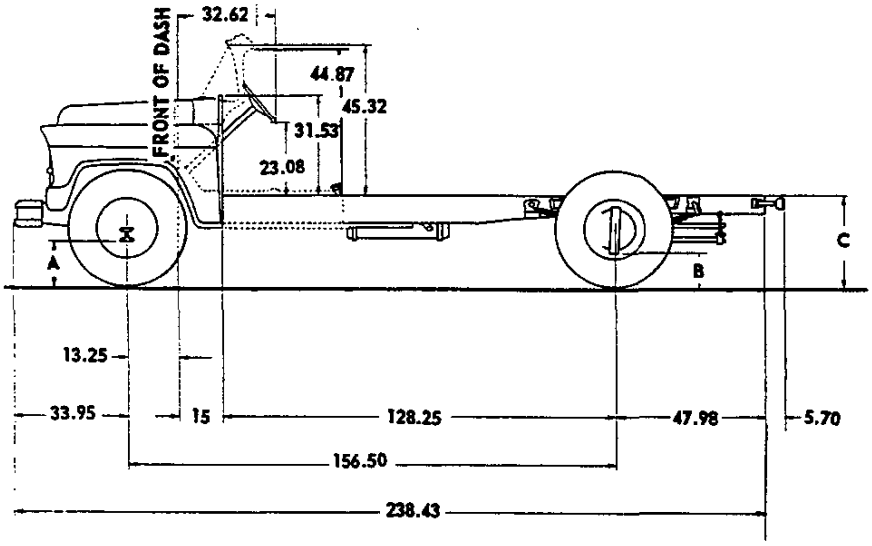
VEHICLE WEIGHTS AND LOAD DISTRIBUTION

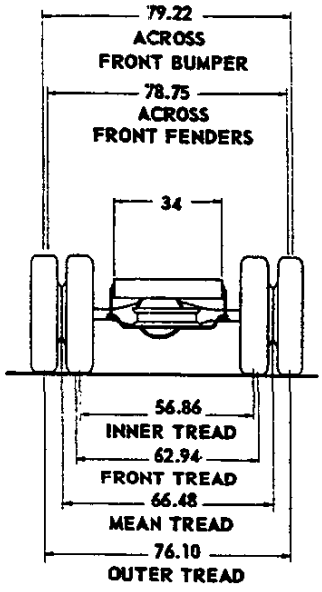
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body
	Front	Rear	Total	Front	Rear	Total		Front	Rear	Length
4109	2515	2540	5055	2605	2640	5245	8600	1%	99%	109.0

CHASSIS AND BODY DIMENSIONS

MODEL 4402 CHASSIS WITH FLAT FACE COWL
MODEL 4412 CHASSIS WITH WINDSHIELD COWL

MINIMUM GVW 10,000 LBS.
MAXIMUM GVW 14,000 LBS.





Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.90	9.53	32.18	7-22.5-6pr	7-22.5-6pr Dual
Minimum for Max GVW	11.90	10.43 ●	33.20	7-22.5-6pr	8-22.5-8pr Dual

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	
4402 ⊖	2230	1645	3875	2290	1755	4045	9800	Determined by style, length and weight of body		
4412 ⊖	2415	1600	4015	2480	1710	4190	9650			

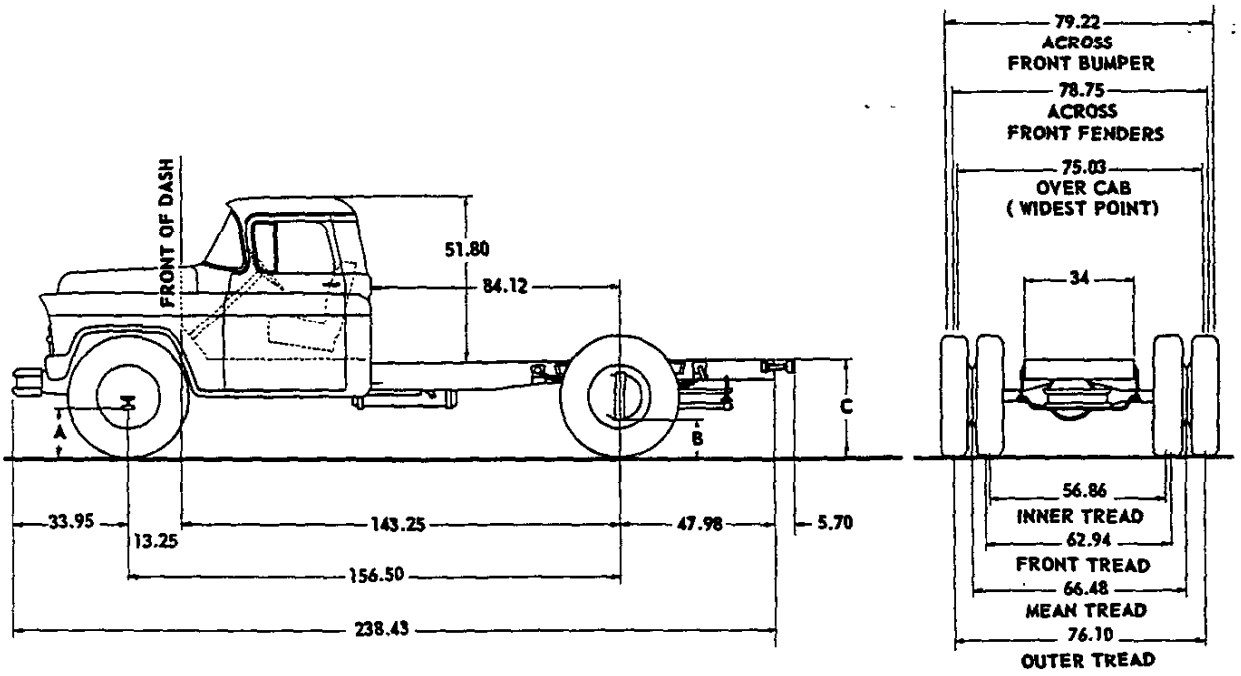
⊖ - Estimated Weight.

10-29-56 ● - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 4403 CHASSIS WITH CAB

MINIMUM GVW 10,000 LBS.
MAXIMUM GVW 14,000 LBS



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.90	9.53	32.22	7-22.5-6pr	7-22.5-6pr Dual
Minimum for Max GVW	11.90	10.43	33.23	7-22.5-6pr	8-22.5-8pr Dual

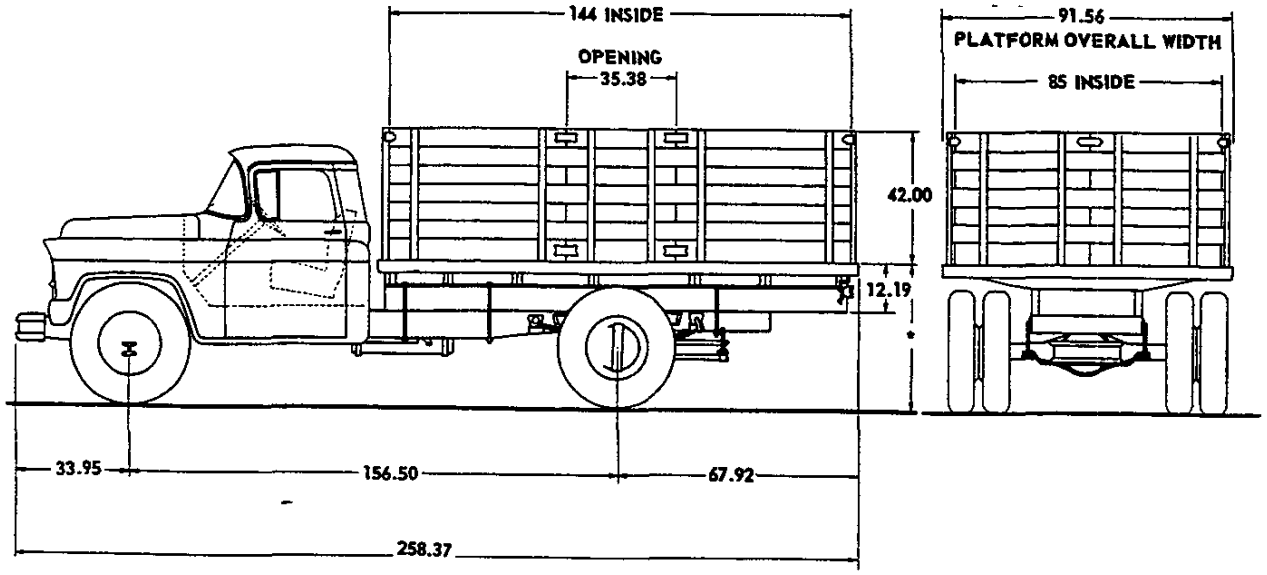
VEHICLE WEIGHTS AND LOAD DISTRIBUTION

MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and/ or Payload	Payload Distribution		Body
	Front	Rear	Total	Front	Rear	Total		Front	Rear	Length
4403	2595	1830	4425	2695	1920	4615	9225	14%	86%	120
								6%	94%	144
								3%	97%	156

CHASSIS AND BODY DIMENSIONS

MODEL 4409 STAKE TRUCK

MINIMUM GVW 10,000 LBS.
MAXIMUM GVW 14,000 LBS.



Equipment	*Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	42.18	44.29	7-22.5-6pr	7-22.5-6pr Dual
Minimum for Max GVW	42.10	45.54	7-22.5-6pr	8-22.5-8pr Dual

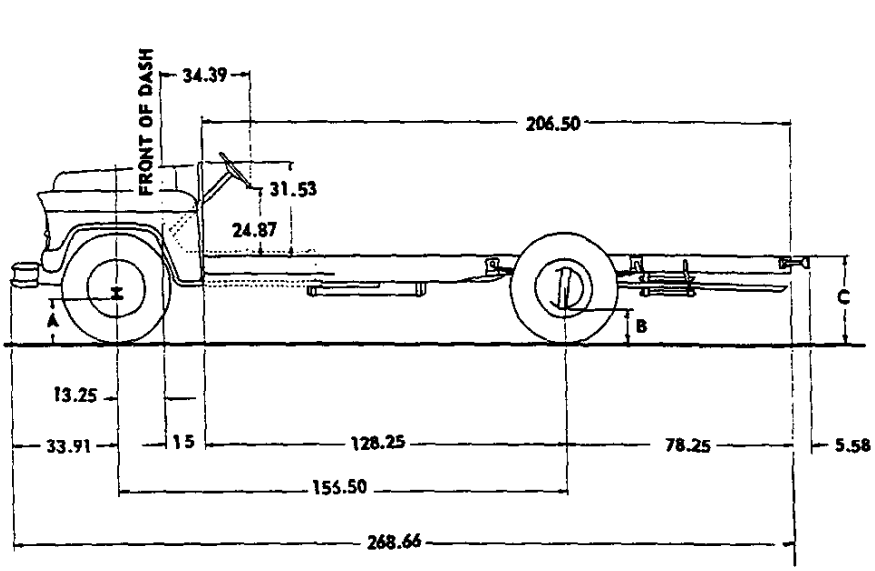
VEHICLE WEIGHTS AND LOAD DISTRIBUTION

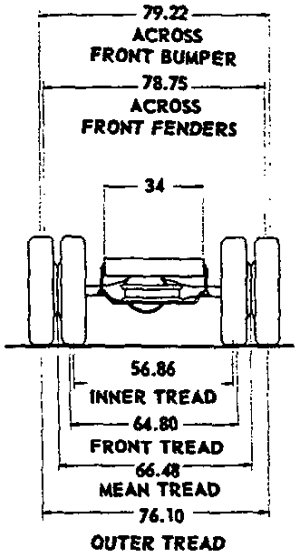
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
4409	2680	2750	5430	2780	2845	5625	8200	5%	95%	144

CHASSIS AND BODY DIMENSIONS

MODEL 4502 SCHOOL BUS CHASSIS WITH FLAT FACE COWL

MINIMUM GVW 10,500 LBS.
MAXIMUM GVW 13,000 LBS.





Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.17	9.53 ●	33.90	7-22.5-6pr	7-22.5-6pr Dual
Minimum for Max GVW	12.27 ●	10.43	33.30	8-22.5-8pr	8-22.5-8pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

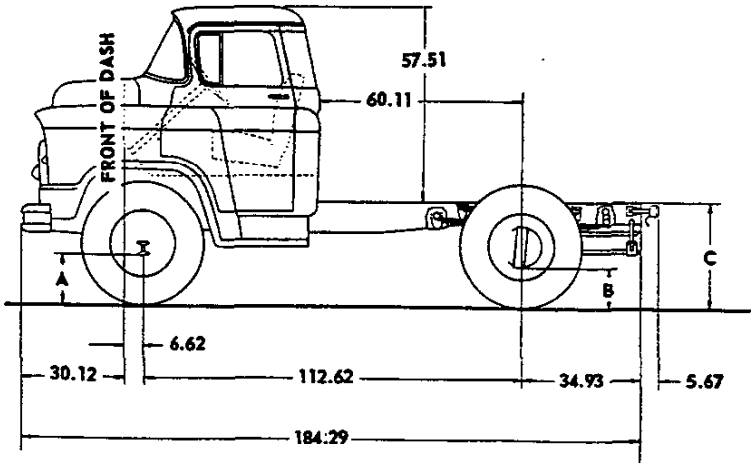
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
4502 ⊖	2255	1840	4095	2340	2000	4340	8585	Determined by style, length and weight of body		

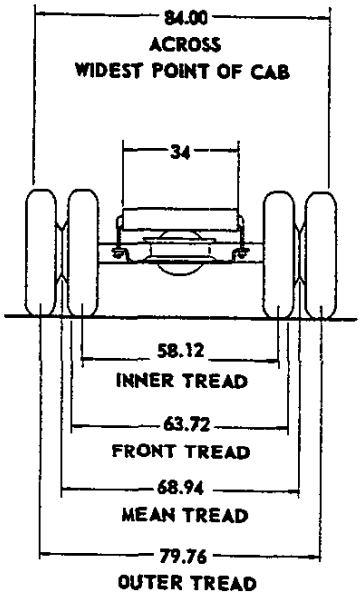
10-29-56 ● - Data revised 3-1-57 ⊖ - Estimated Weight

CHASSIS AND BODY DIMENSIONS

MODEL 5103 (5103S-5103H) L. C. F. CHASSIS WITH CAB x

5103	MINIMUM GVW 14,000 LBS.
	MAXIMUM GVW 19,000 LBS. •
5103S	MAXIMUM GVW 15,000 LBS.
5103H	MAXIMUM GVW 21,000 LBS. x





Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55	33.15	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	12.72	11.00	35.77	9-22.5-10pr	10-22.5-10pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

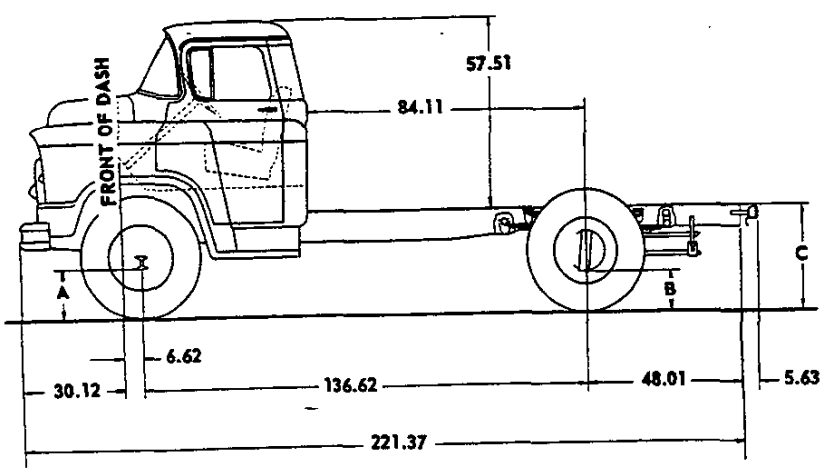
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
5103	2885	1945	4830	2980	2060	5040	15450 •	14%	86%	84
								9%	91%	96
								4%	96%	108
								1%	99%	114

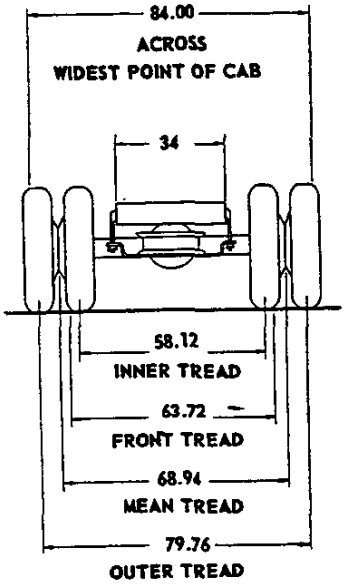
10-29-56 • - Data Revised. x - Data Added. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 5403 (5403S-5403H) L. C. F. CHASSIS WITH CAB ⌅

5403	MINIMUM GVW 14,000 LBS.
	MAXIMUM GVW 19,000 LBS.
5403S	MAXIMUM GVW 15,000 LBS.
5403H	MAXIMUM GVW 21,000 LBS.





Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55	33.20	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	12.72	11.00	35.86	9-22.5-10pr	10-22.5-10pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

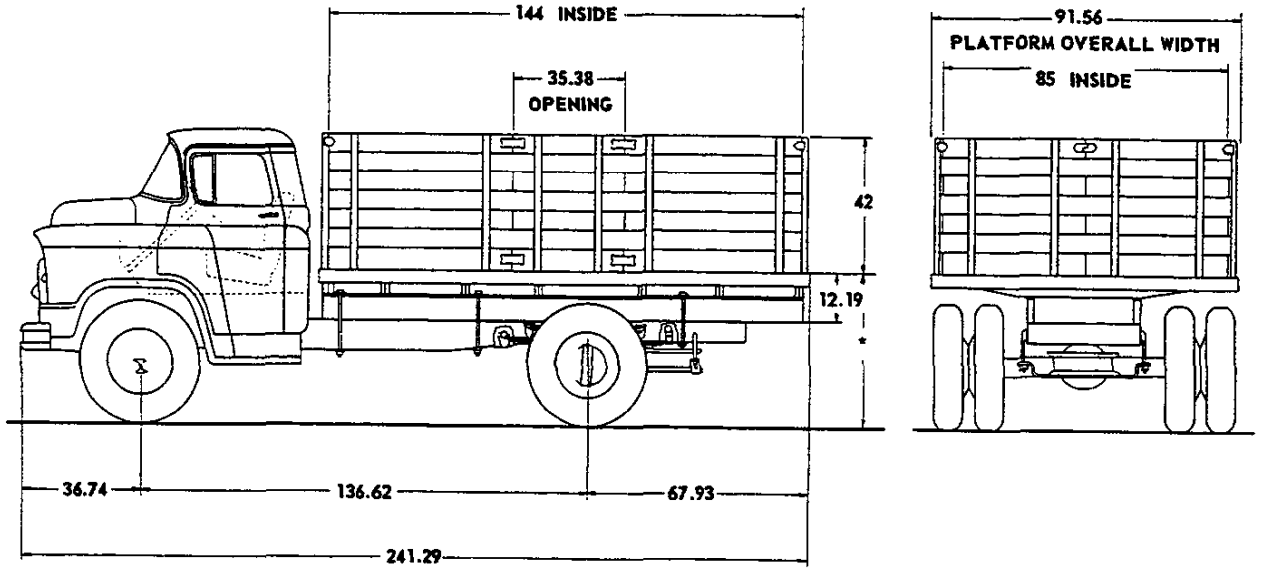
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
5403	2945	1985	4930	3050	2085	5135	15350●	11%	89%	132
								7%	93%	144
								5%	95%	150
								1%	99%	162

10-29-56 ● - Data Revised. ⌅ - Data Added 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 5409 (5409S-5409H) L. C. F. STAKE TRUCK x

5409	MINIMUM GVW 14,000 LBS.
	MAXIMUM GVW 19,000 LBS. •
5409S	MAXIMUM GVW 15,000 LBS.
5409H	MAXIMUM GVW 21,000 LBS. x



Equipment	*Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	42.12	45.10	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	44.95	48.02	9-22.5-10pr	10-22.5-10pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

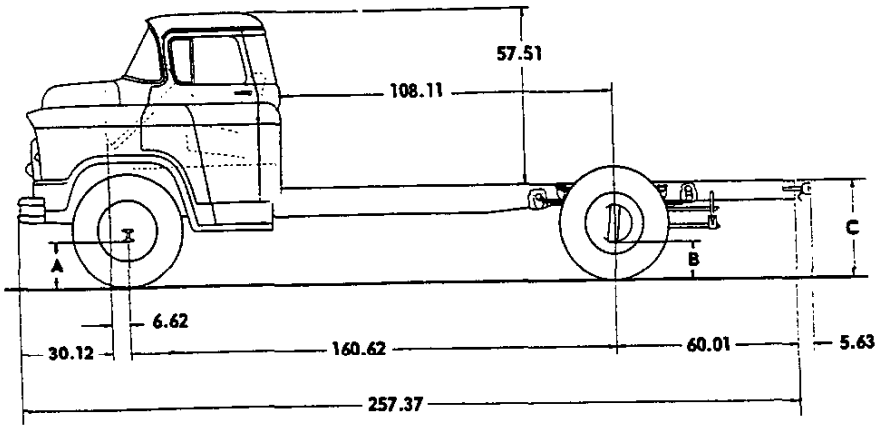
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
5409 ⊖	3025	2915	5940	3130	3015	6145	14350•	6%	94%	144

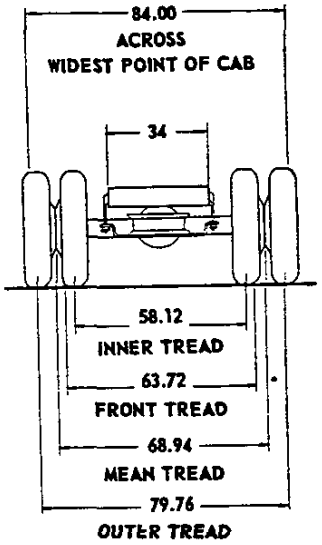
10-29-56 • - Data Revised. x - Data Added 3-1-57 ⊖ - Estimated Weight.

CHASSIS AND BODY DIMENSIONS

MODEL 5703 (5703S-5703H) CHASSIS WITH CAB x

5703	MINIMUM GVW 14,000 LBS.
	MAXIMUM GVW 19,000 LBS.
5703S	MAXIMUM GVW 15,000 LBS.
5703H	MAXIMUM GVW 21,000 LBS.





Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55	33.21	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	12.72	11.00	35.92	9-22.5-10pr	10-22.5-10pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

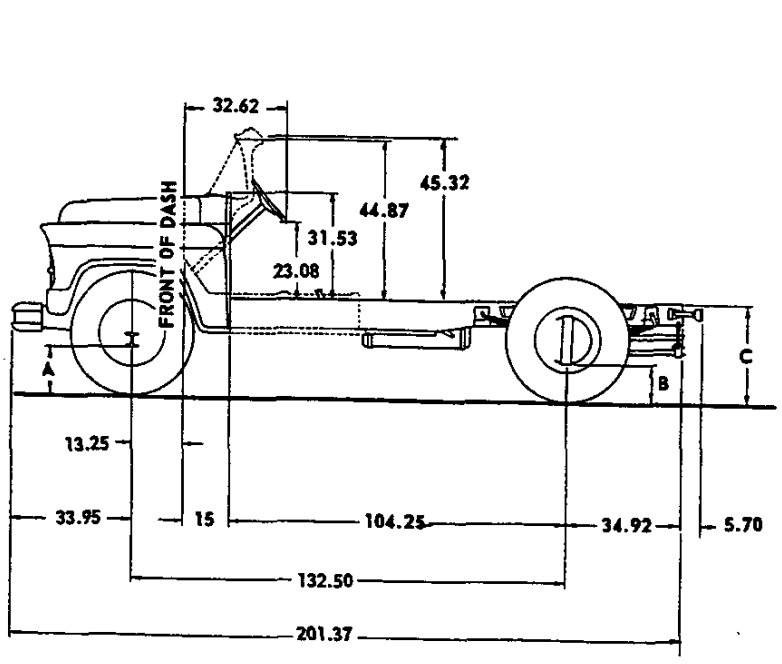
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
5703(S)	2980	2035	5015	3090	2130	5220	15275•	14%	86%	168
								10%	90%	180
								4%	96%	198
								1%	99%	210

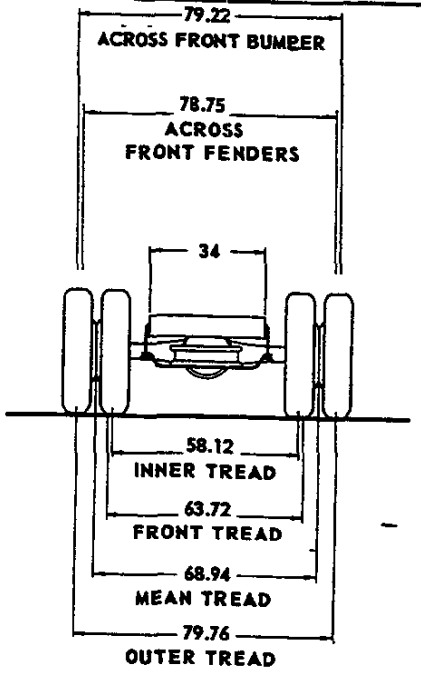
10-29-56 • - Data Revised. x - Data Added 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 6102 (6102S-6102H) CHASSIS WITH FLAT FACE COWL
MODEL 6112 (6112S-6112H) CHASSIS WITH WINDSHIELD COWL x

6102 6112	MINIMUM GVW 14,000 LBS. MAXIMUM GVW 19,000 LBS. •
6102S 6112S	MAXIMUM GVW 15,000 LBS.
6102H 6112H	MAXIMUM GVW 21,000 LBS. x





Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55 •	33.61	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	12.72	11.00 •	36.03	9-22.5-10pr	10-22.5-10pr Dual

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	
6102 ⊕	2260	1885	4145	2305	2025	4330	16125•	Determined by style, length and weight of body.		
6112 ⊕	2410	1875	4285	2460	2015	4475	15975•			

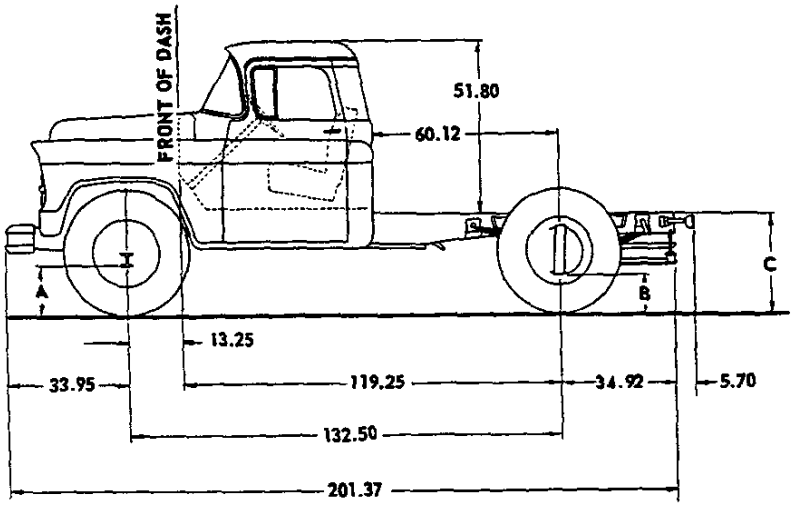
⊕ - Estimated weight

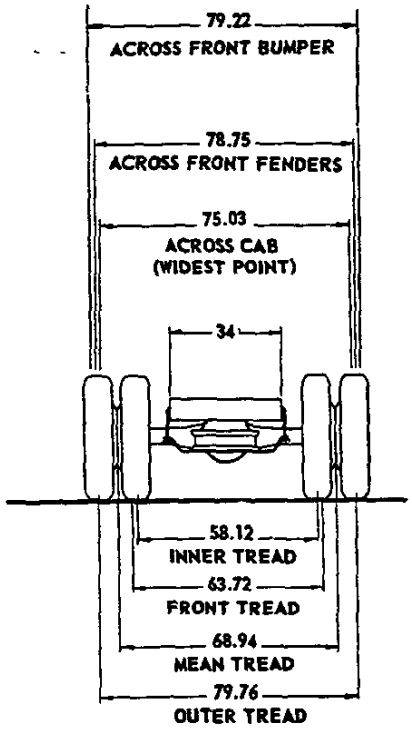
10-29-56 • - Data Revised. x - Data Added 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 6103 (6103S-6103H) CHASSIS WITH CAB x

6103	MINIMUM GVW 14,000 LBS. MAXIMUM GVW 19,000 LBS.
6103S	MAXIMUM GVW 15,000 LBS.
6103H	MAXIMUM GVW 21,000 LBS.





Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55 •	33.66	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	12.72	11.00 •	36.07	9-22.5-10pr	10-22.5-10pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

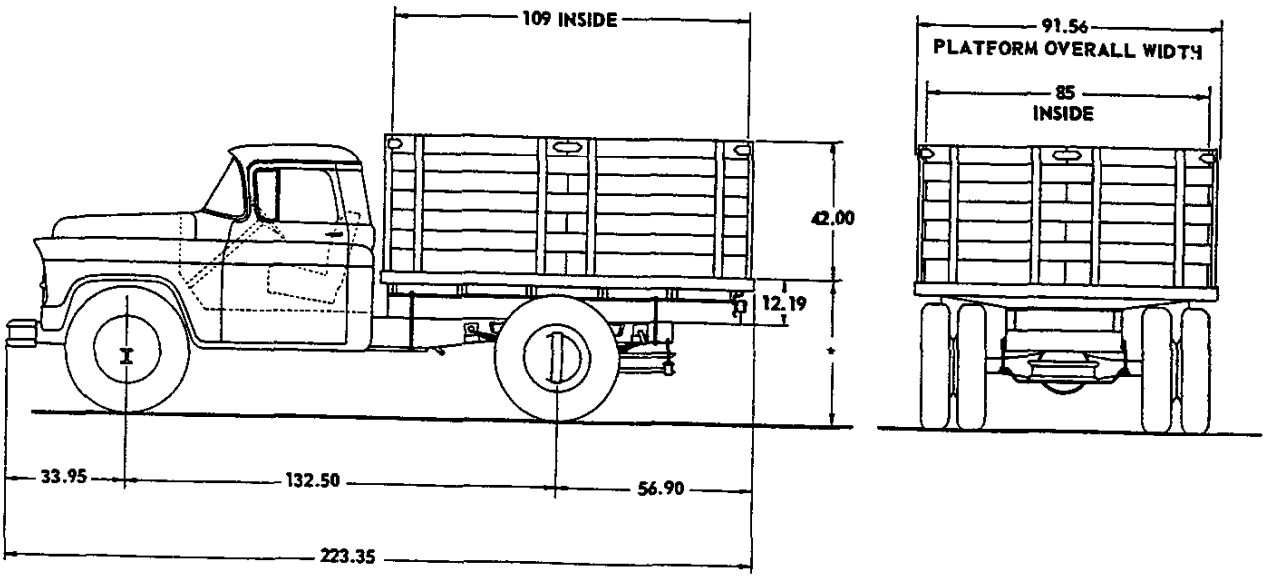
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
6103	2625	2060	4685	2710	2180	4890	15550•	12%	88%	84
								5%	95%	102
								3%	97%	108
								1%	99%	114

10-29-56 • - Data Revised. x - Data Added. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 6109 (6109S-6109H) STAKE TRUCK x

6109	MINIMUM GVW 14,000 LBS.
	MAXIMUM GVW 19,000 LBS. •
6109S	MAXIMUM GVW 15,000 LBS.
6109H	MAXIMUM GVW 21,000 LBS. x



Equipment	*Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	42.90	46.05	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	45.44	48.66	9-22.5-10pr	10-22.5-10pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

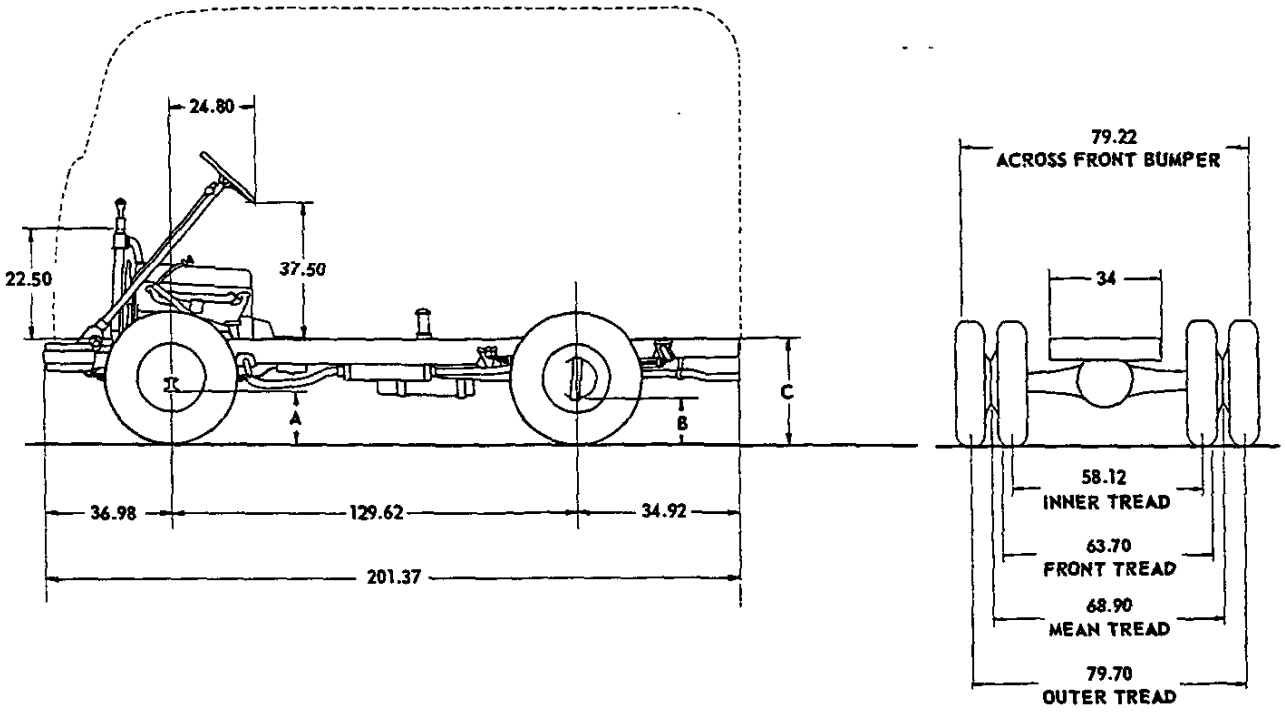
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
6109 ⊖	2685	2800	5485	2770	2920	5690	14750•	1%	99%	109

10-29-56 • - Data Revised. x - Data Added. 3-1-57 ⊖ - Estimated Weight.

CHASSIS AND BODY DIMENSIONS

MODEL 6242 FORWARD CONTROL CHASSIS

MINIMUM GVW 14,000 LBS.
MAXIMUM GVW 18,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55	33.61	8-22.5-8 Pr	8-22.5-8 Pr
Minimum for Max GVW	12.72	10.44	36.03	8-22.5-8 Pr	9-22.5-10 Pr

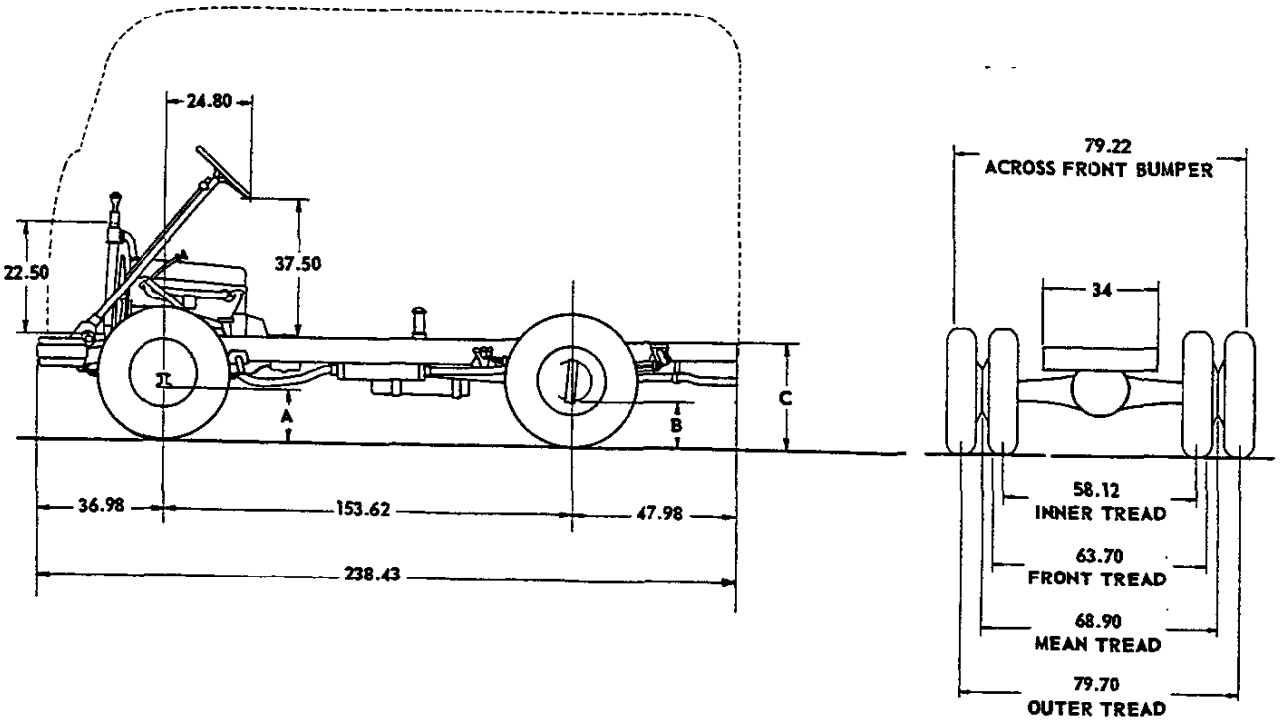
VEHICLE WEIGHTS AND LOAD DISTRIBUTION

MODEL 6242	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	
	2559	1366	3925	2605	1500	4105	13788	Determined by style, length and weight of body		

CHASSIS AND BODY DIMENSIONS

MODEL 6642 FORWARD CONTROL CHASSIS

MINIMUM GVW 14,000 LBS.
MAXIMUM GVW 18,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55	33.77	8-22.5-8 Pr	8-22.5-8 Pr
Minimum for Max GVW	12.72	10.44	36.29	8-22.5-8 Pr	9-22.5-10 Pr

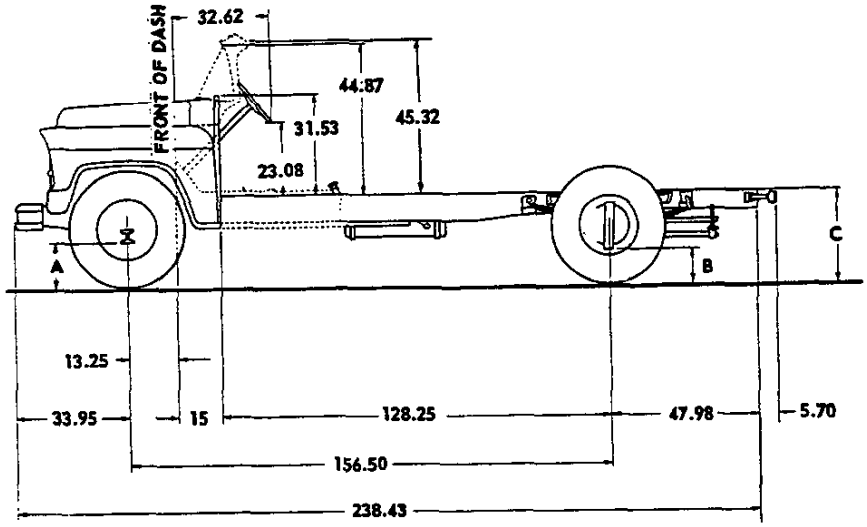
VEHICLE WEIGHTS AND LOAD DISTRIBUTION

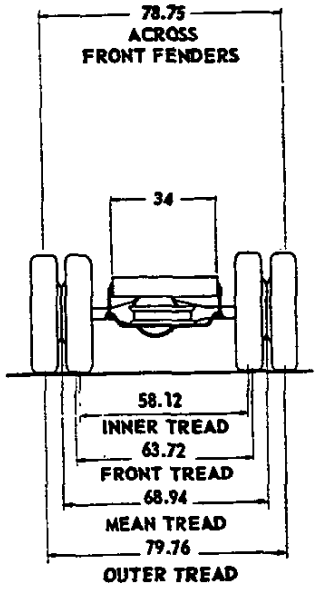
MODEL 6642	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
	2702	1295	3997	2748	1429	4177	13716	Determined by style, length and weight of body		

CHASSIS AND BODY DIMENSIONS

MODEL 6402 (6402S-6402H) CHASSIS WITH FLAT FACE COWL x
MODEL 6412 (6412S-6412H) CHASSIS WITH WINDSHIELD COWL

6402 6412	MINIMUM GVW 14,000 LBS.
6402S 6412S	MAXIMUM GVW 15,000 LBS.
6402H 6412H	MAXIMUM GVW 21,000 LBS.





Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55 •	33.77	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	12.72	11.00 •	36.29	9-22.5-10pr	10-22.5-10pr Dual

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	
6402 ⊖	2265	1950	4215	2320	2080	4400	16050•	Determined by style, length and weight of body		
6412 ⊖	2390	1965	4355	2450	2090	4540	15900•			

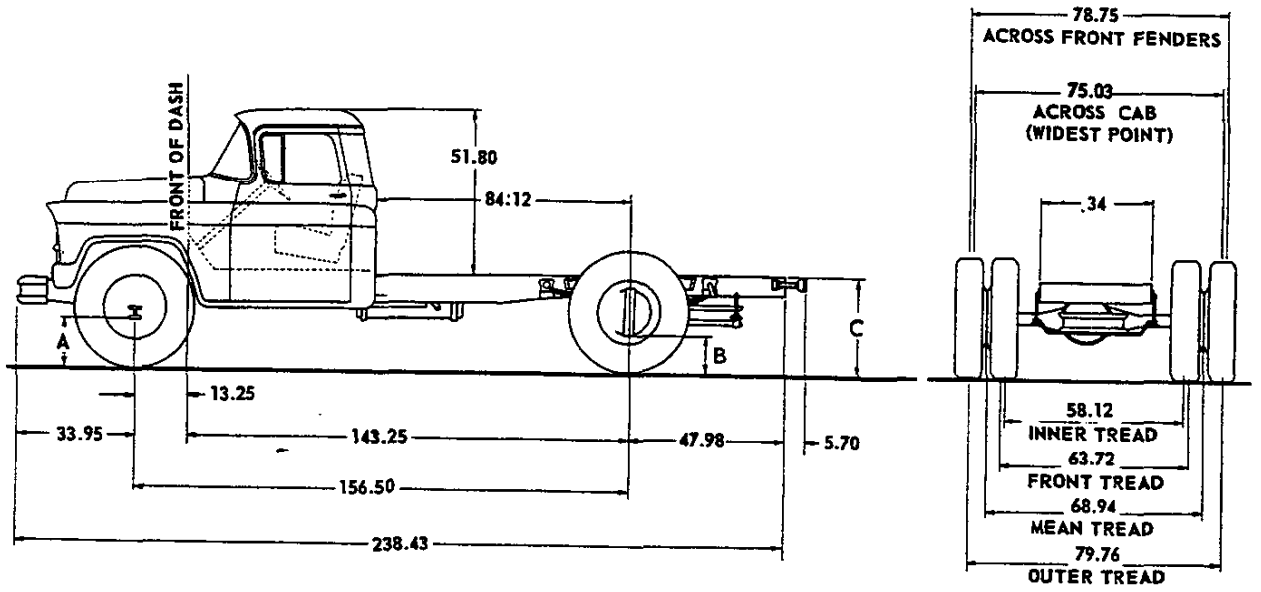
⊖ - Estimated Weight

10-29-56 • - Data Revised. x - Data Added. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 6403 (6403S-6403H) CHASSIS WITH CAB x

6403	MINIMUM GVW 14,000 LBS.
	MAXIMUM GVW 19,000 LBS. •
6403S	MAXIMUM GVW 15,000 LBS.
6403H	MAXIMUM GVW 21,000 LBS. x



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55 •	33.81	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	12.72	11.00 •	36.32	9-22.5-10pr	10-22.5-10pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

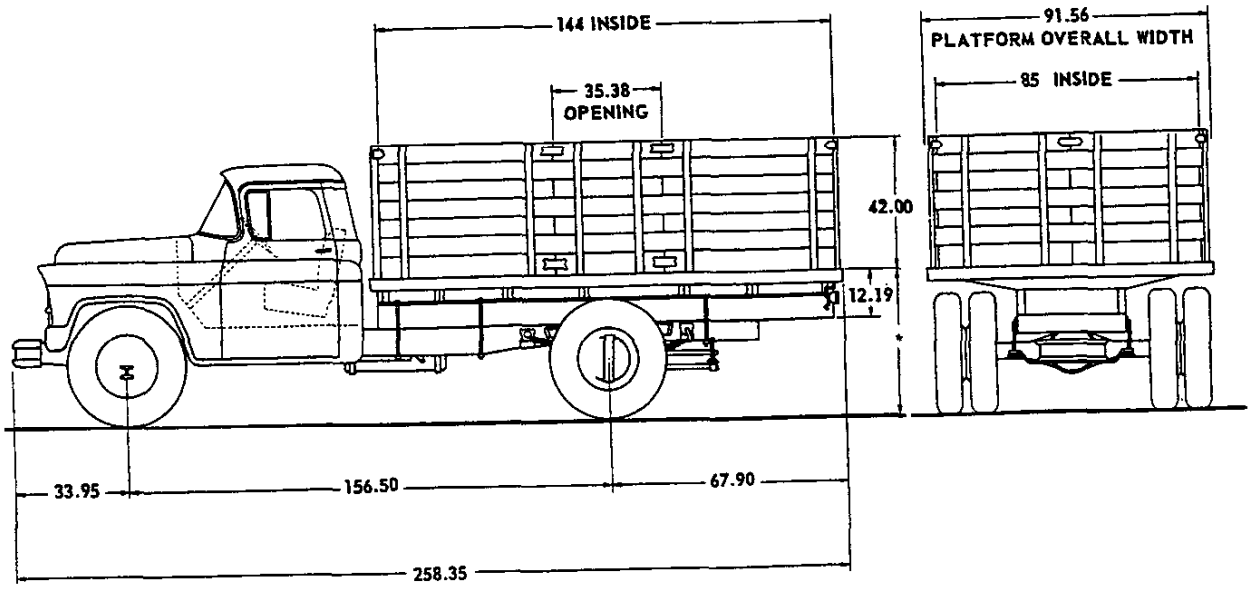
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
6403	2715	2100	4815	2810	2210	5020	15425•	10%	90%	132
								6%	94%	144
								3%	97%	156

10-29-56 • - Data Revised. x - Data Added, 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 6409 (6409S-6409H) STAKE TRUCK x

6409	MINIMUM GVW 14,000
	MAXIMUM GVW 19,000 LBS.
6409S	MAXIMUM GVW 15,000 LBS.
6409H	MAXIMUM GVW 21,000 LBS.



Equipment	* Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	43.18	46.02	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	45.73	48.70	9-22.5-10pr	10-22.5-10pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

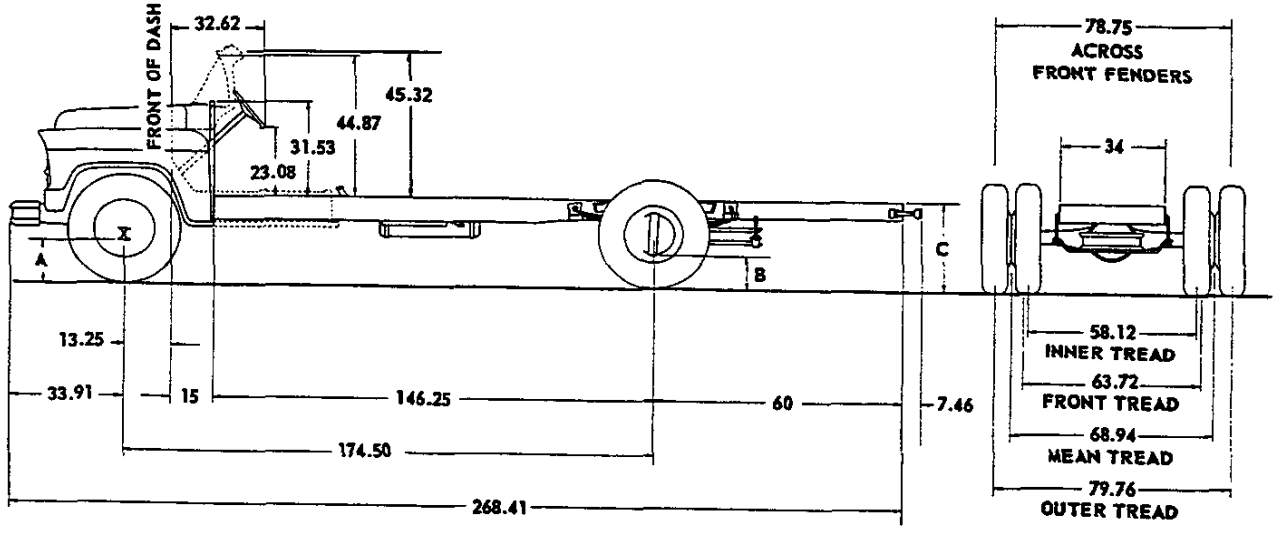
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body Leng
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
6409	2815	3010	5825	2910	3120	6030	14425•	5%	95%	144

10-29-56 • - Data Revised., x - Data Added. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 6502 (6502S-6502H) CHASSIS WITH FLAT FACE COWL
MODEL 6512 (6512S-6512H) CHASSIS WITH WINDSHIELD COWL x

6502 6512	MINIMUM GVW 14,000 LBS. MAXIMUM GVW 19,000 LBS. •
6502S 6512S	MAXIMUM GVW 15,000 LBS.
6502H 6512H	MAXIMUM GVW 21,000 LBS. x



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55 •	33.83	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	12.72	11.00 •	36.40	9-22.5-10pr	10-22.5-10pr Dual

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	
6502 ⊕	2350	2030	4380	2410	2155	4565	15900•	Determined by style, length and weight of body		
6512 ⊕	2470	2050	4520	2535	2175	4710	15750•			

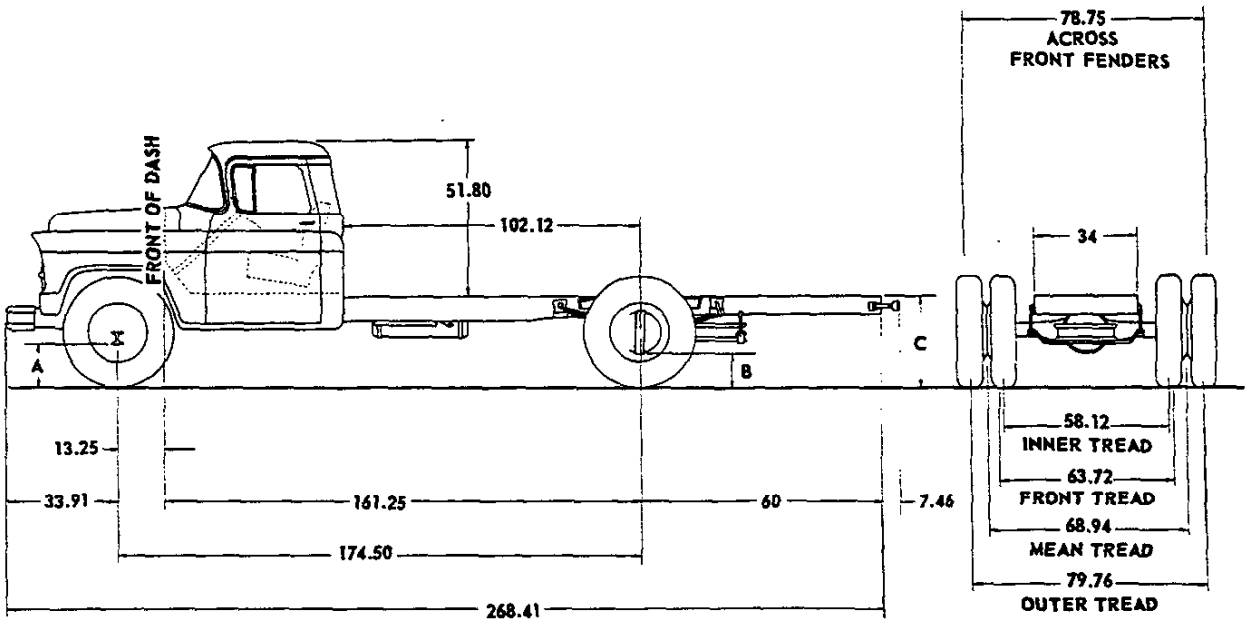
⊕ Estimated Weight

10-29-56 • - Data Revised. x - Data Added. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 6503 (6503S-6503H) CHASSIS WITH CAB x

6503	MINIMUM GVW 14,000 LBS.
	MAXIMUM GVW 19,000 LBS.
6503S	MAXIMUM GVW 15,000 LBS.
6503H	MAXIMUM GVW 21,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55 •	33.94	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	12.72	11.00 •	36.49	9-22.5-10pr	10-22.5-10pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

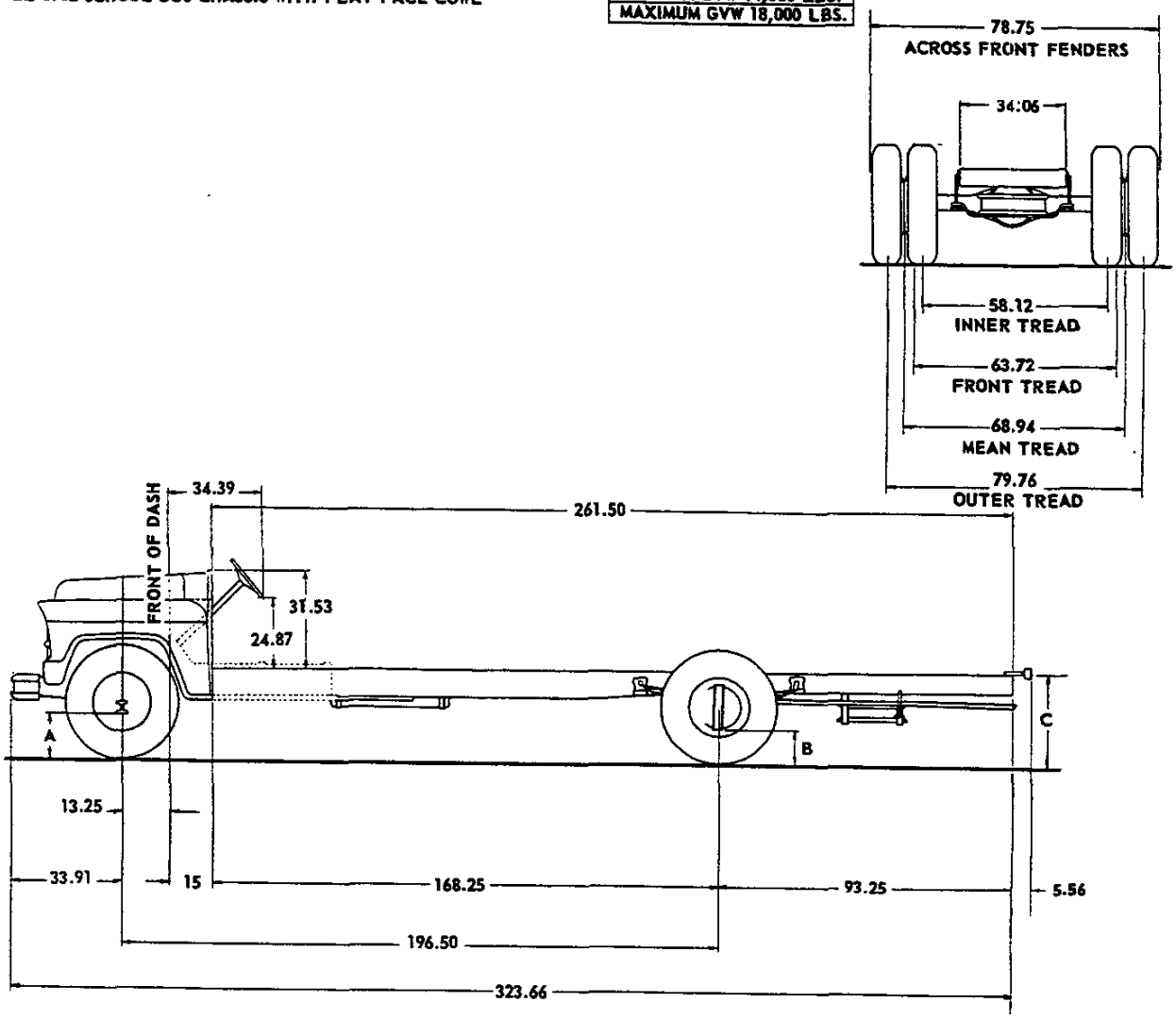
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
6503	2730	2155	4885	2820	2270	5090	15350•	13%	87%	156
								6%	94%	180
								2%	98%	192

10-29-56 • - Data Revised. x - Data Added. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 6702 SCHOOL BUS CHASSIS WITH FLAT FACE COWL

MINIMUM GVW 14,000 LBS.
MAXIMUM GVW 18,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55 •	35.30	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	12.72	10.44 •	38.33	9-22.5-12 pr	9-22.5-12pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

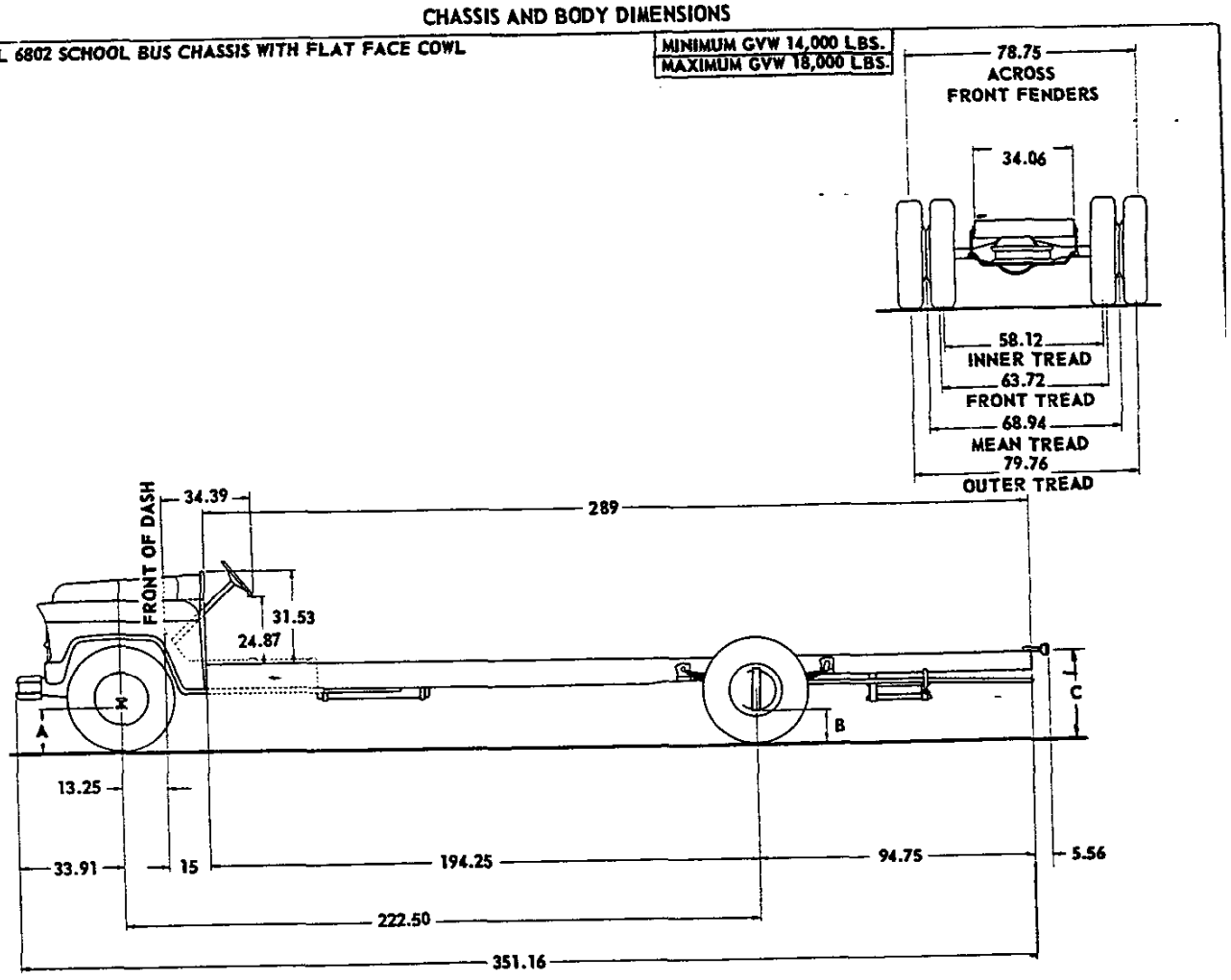
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
6702	2445	2165	4610	2545	2325	4870	12925	Determined by style, length and weight of body.		

10-29-56 • - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 6802 SCHOOL BUS CHASSIS WITH FLAT FACE COWL

MINIMUM GVW 14,000 LBS.
MAXIMUM GVW 18,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	12.27	9.55 •	35.15	8-22.5-8pr	8-22.5-8pr Dual
Minimum for Max GVW	12.72	10.44 •	38.09	9-22.5-12pr	9-22.5-12pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

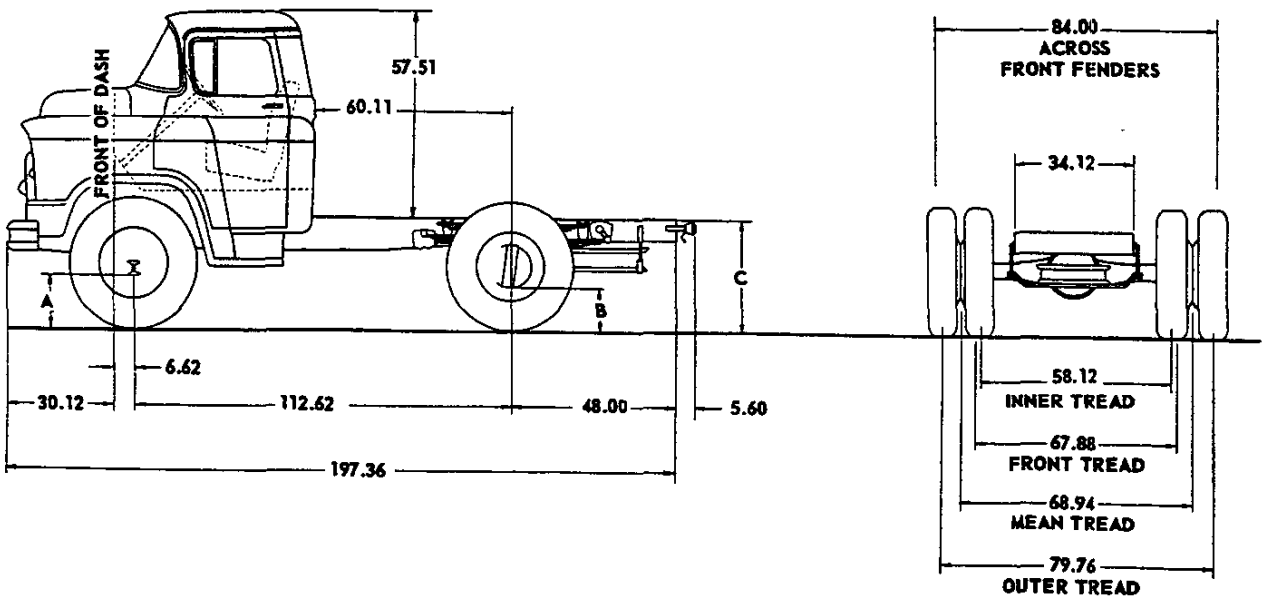
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
6802	2505	2225	4730	2615	2370	4985	12825	Determined by style, length and weight of body.		

10-29-56 • - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 7103 LCF CHASSIS WITH CAB

MINIMUM GVW 14000 LBS.
MAXIMUM GVW 22,000 LBS. •



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.39	9.55	33.52	8-22.5-8 Pr	8-22.5-8 Pr Dual
Minimum for Max GVW	11.84	11.00 •	35.12	9-22.5-10 Pr	10-22.5-10 Pr Dual

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	
7103 ⊕	3155	2160	5315	3260	2885	5545	16150•	9%	91%	96
								4%	96%	108
								1%	99%	114

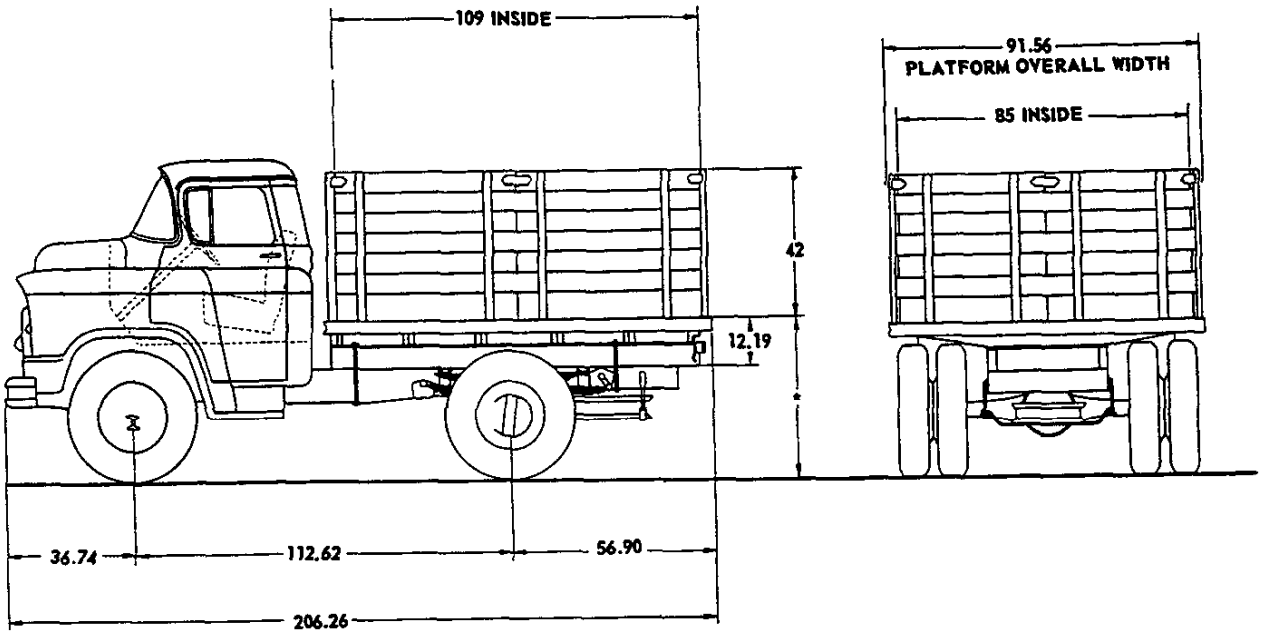
⊕ - Estimated Weights

10-29-56 • - Data Revised. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 7109 LCF STAKE TRUCK

MINIMUM GVW 14000 LBS.
MAXIMUM GVW 22,000 LBS.



Equipment	*Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	44.28	46.45	8-22.5-8 Pr	8-22.5-8 Pr Dual
Minimum for Max GVW	45.83	47.00	9-22.5-10 Pr	10-22.5-10 Pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
7109 ⊕	3180	2935	6115	3290	3055	6345	15350●	1%	99%	109

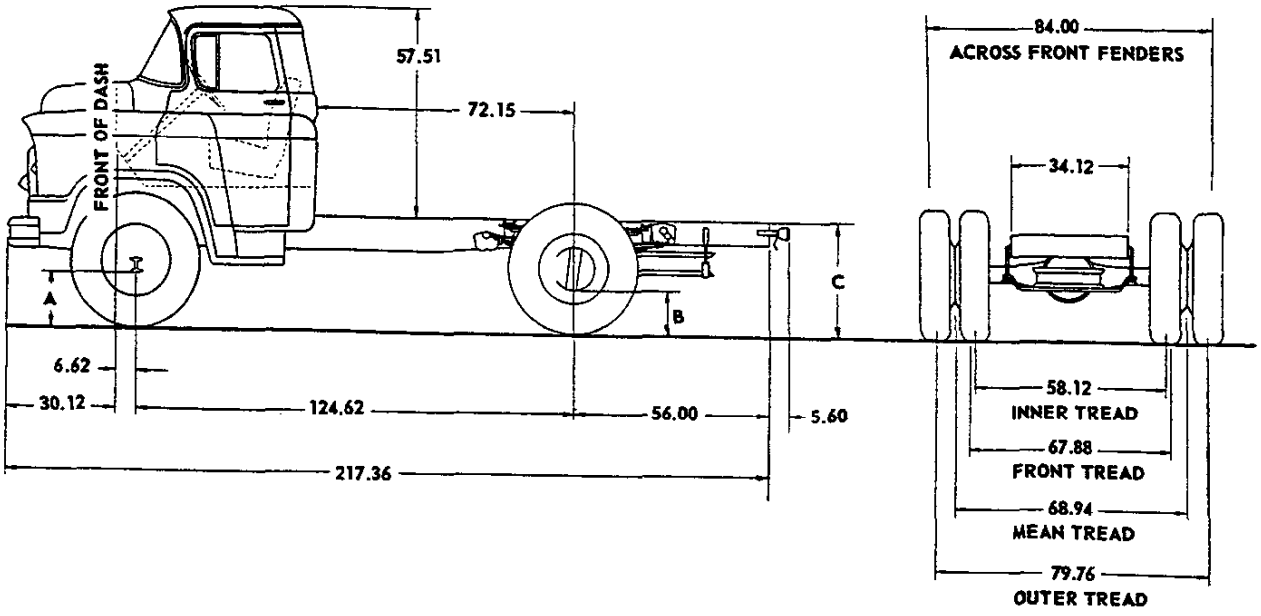
⊕ - Estimated Weights

10-29-56 ● - Data Revised, 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 7203 LCF CHASSIS WITH CAB

MINIMUM GVW 14000 LBS.
MAXIMUM GVW 22,000 LBS. •



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.39	9.55	32.85	8-22.5-8 Pr	8-22.5-8 Pr Dual
Minimum for Max. GVW	11.84	11.00 •	35.15	9-22.5-10 Pr	10-22.5-10 Pr Dual

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	
7203 ⊕	3150	2160	5310	3260	2280	5540	16150•	11%	89%	114
								6%	94%	126
								1%	99%	138

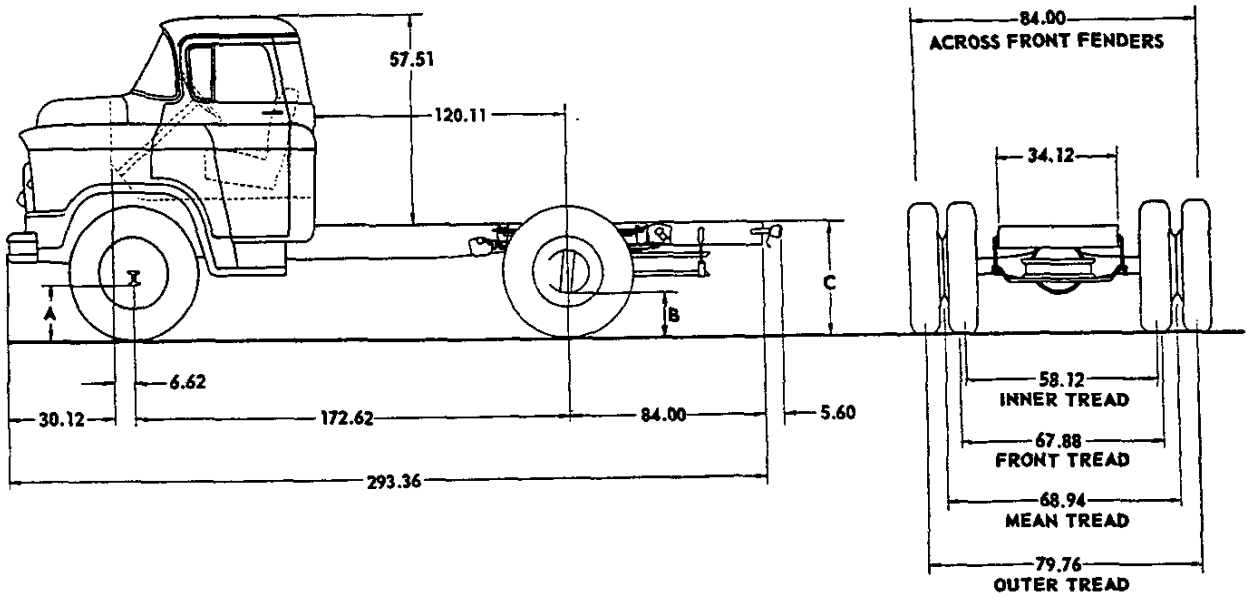
⊕ Estimated Weights

10-29-56 • - Data Revised, 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 7703 LCF CHASSIS WITH CAB

MINIMUM GVW 14000 LBS.
MAXIMUM GVW22,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.39	9.55	33.62	8-22.5-8 Pr	8-22.5-8 Pr Dual
Minimum for Max GVW	11.84	11.00 ●	35.17	9-22.5-10 Pr	10-22.5-10 Pr Dual

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	
7703 ⊕	3340	2320	5660	3455	2440	5895	15800●	9%	91%	204
								6%	94%	216
								2%	98%	228

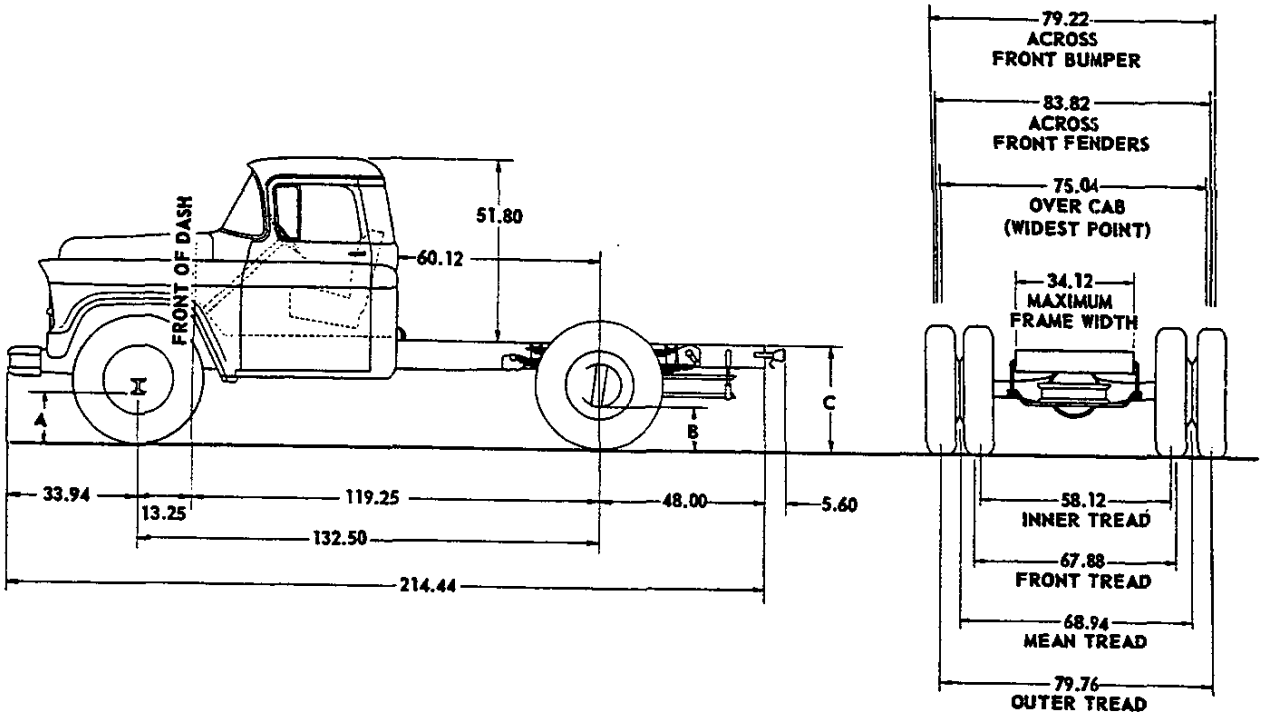
⊕ Estimated Weights

10-29-56 ● - Data Revised, 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 8103 CHASSIS WITH CAB

MINIMUM GVW 14000 LBS.
MAXIMUM GVW22,000 LBS. •



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.39	9.55	34.00	8-22.5-8 Pr	8-22.5-8 Pr Dual
Minimum for Max GVW	11.84	11.00 •	35.41	9-22.5-10 Pr	10-22.5-10 Pr Dual

VEHICLE WEIGHT 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	
8103 ⊕	2925	2330	5255	3020	2470	5490	16200•	3%	97%	108
								1%	99%	114

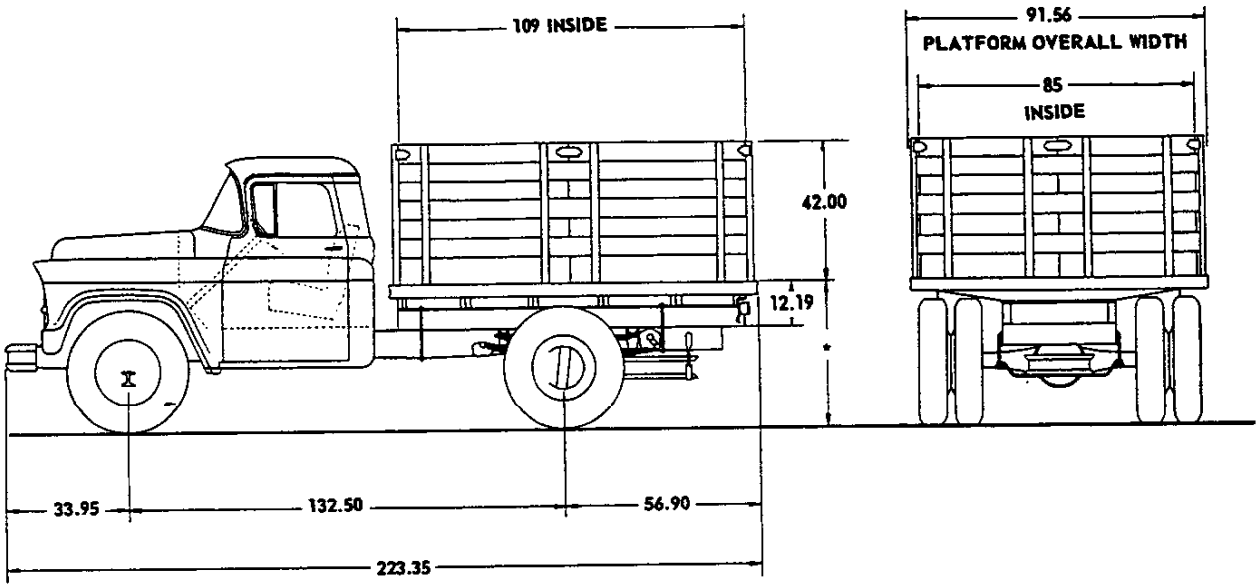
⊕ - Estimated Weight

10-29-56 • - Data Revised. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 8109 STAKE TRUCK

MINIMUM GVW 14000 LBS.
MAXIMUM GVW 22,000 LBS.



Equipment	* Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	42.55	45.85	8-22.5-8 Pr	8-22.5-8 Pr Dual
Minimum for Max GVW	44.10	47.40	9-22.5-10 Pr	10-22.5-10 Pr Dual

VEHICLE WEIGHT AND LOAD DISTRIBUTION

MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
8109 ⊕	2950	3110	6060	3045	3245	6290	15400●	1%	99%	109

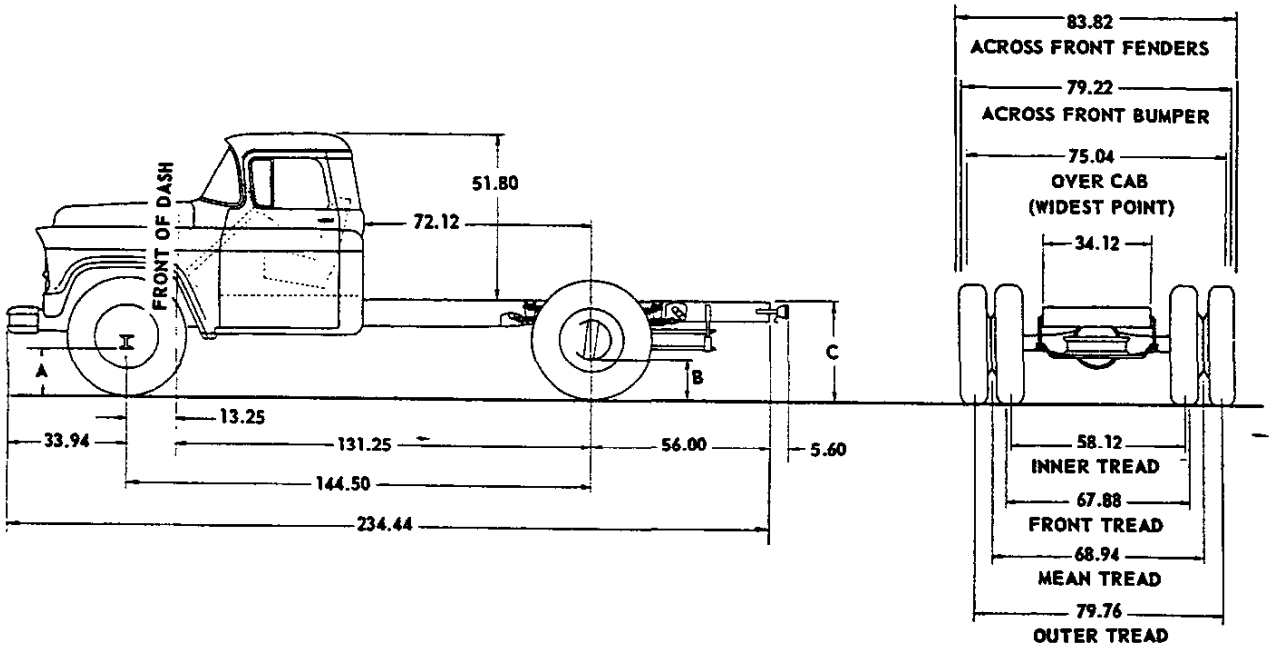
⊕ - Estimated Weight

10-29-56 ● - Data Revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 8203 CHASSIS WITH CAB

MINIMUM GVW 14000 LBS.
MAXIMUM GVW 22,000 LBS. ●



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.39	9.55	34.06	8-22.5-8 Pr	8-22.5-8 Pr Dual
Minimum for Max GVW	11.84	11.00 ●	35.47	9-22.5-10 Pr	10-22.5-10 Pr Dual

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	
8203 ⊕	2960	2360	5320	3055	2495	5550	16150●	5%	95%	126
								1%	99%	138

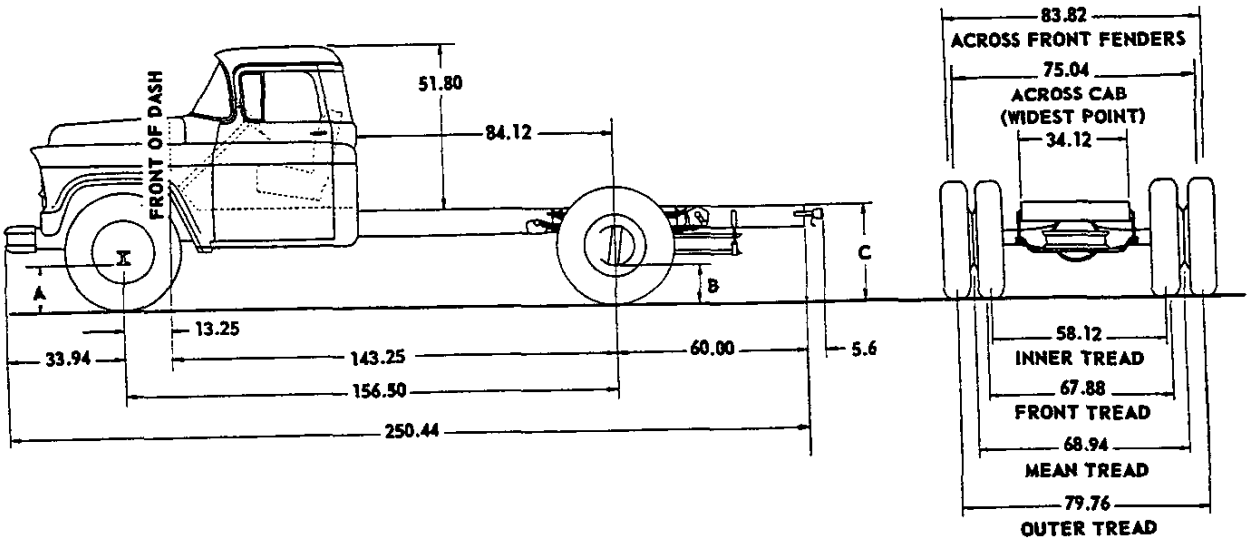
⊕ - Estimated Weights

10-29-56 ● - Data Revised. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 8403 CHASSIS WITH CAB

MINIMUM GVW 14,000 LBS.
MAXIMUM GVW 22,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.39	9.55	34.03	8-22.5-8 Pr	8-22.5-8 Pr Dual
Minimum for Max GVW	11.84	11.00 ●	35.44	9-22.5-10 Pr	10-22.5-10 Pr Dual

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	
8403 ⊕	2990	2405	5395	3095	2535	5630	16075●	5%	95%	150
								1%	99%	162

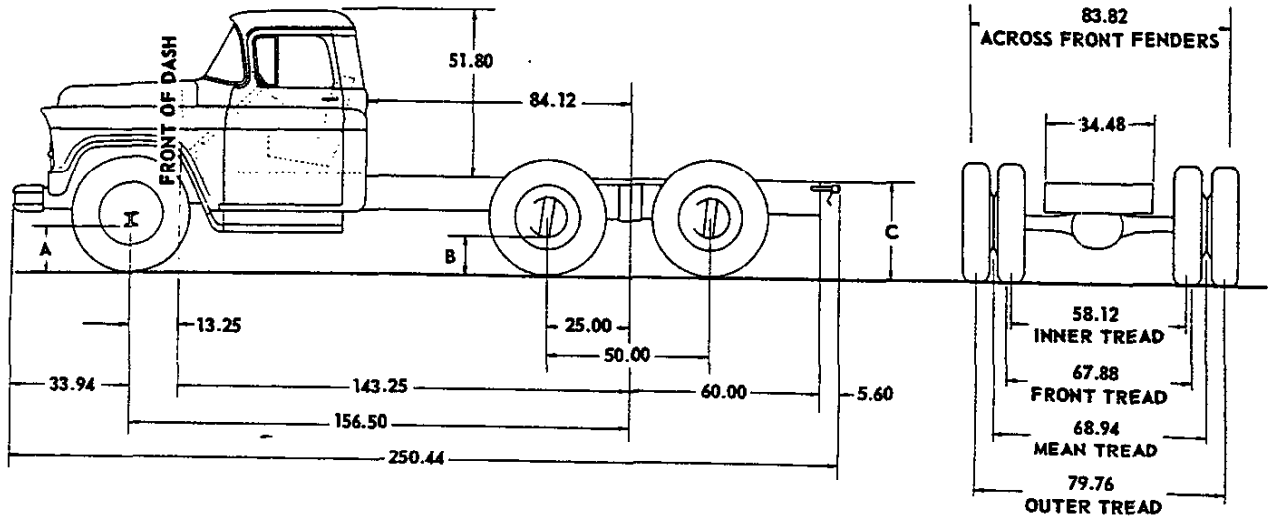
⊕ - Estimated Weights

10-29-56 ● - Data Revised. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 8403 CHASSIS WITH CAB - TANDEM AXLE

MINIMUM GVW 24,000 LBS.
MAXIMUM GVW 28,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C (est)	Front	Rear
Minimum GVW	11.39	9.55	39.08	8-22.5-8 Pr	8-22.5-8 Pr Double Dual
Minimum for Max GVW	11.39	10.44	39.73	8-22.5-8 Pr	9-22.5-10 Pr Double Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

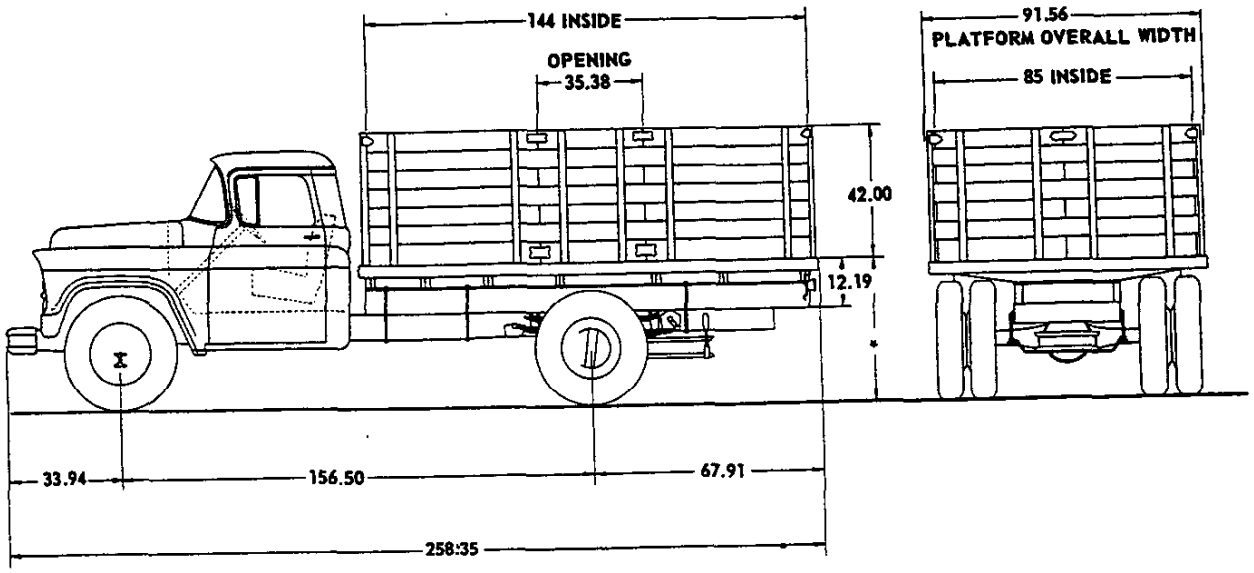
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
8403 • (Tandem)	3200	4295	7495	3305	4425	7730	20135	6%	94%	144
								3%	97%	156
								1%	99%	162

• Estimated weights

CHASSIS AND BODY DIMENSIONS

MODEL 8409 STAKE TRUCK

MINIMUM GVW 14000 LBS.
MAXIMUM GVW22,000 LBS.



Equipment	* Platform Height		TIRES	
	Loaded	Unloaded	Front	Rear
Standard	42.60	45.78	8-22.5-8 Pr	8-22.5-8 Pr Dual
Minimum for Max GVW	44.15	47.33	9-22.5-10 Pr	10-22.5-10 Pr Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
8409 ⊕	3060	3345	6405	3160	3475	6635	15050●	5%	95%	144

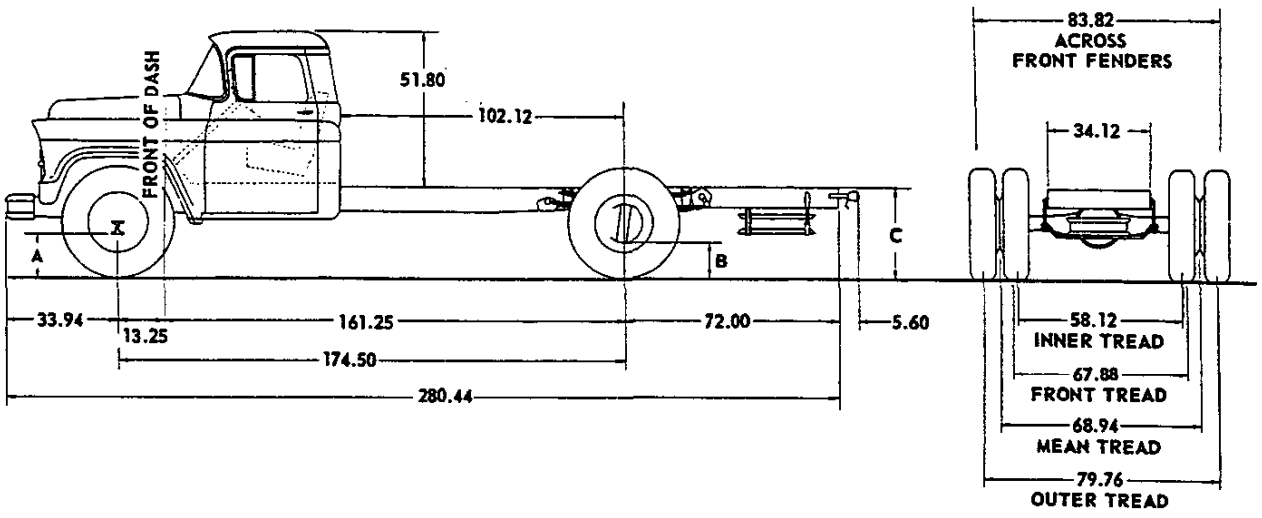
⊕ Estimated Weights

10-29-56 ● - Data Revised.3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 8503 CHASSIS WITH CAB

MINIMUM GVW 14000 LBS.
MAXIMUM GVW22,000 LBS. ●



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.39	9.55	34.12	8-22.5-8 Pr	8-22.5-8 Pr Dual
Minimum for Max GVW	11.84	11.00 ●	35.53	9-22.5-10 Pr	10-22.5-10 Pr Dual

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	
8503 ⊕	3045	2470	5515	3150	2595	5745	15950●	7%	93%	174
								4%	96%	186
								1/2%	99-1/2%	198

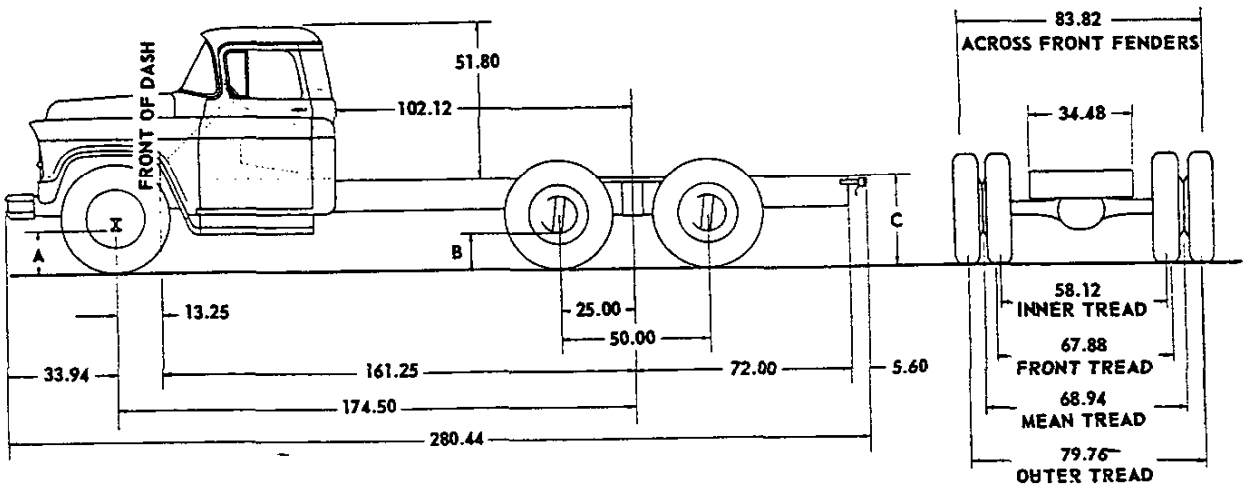
⊕ Estimated Weights

10-29-56 ● - Data Revised, 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 8503 CHASSIS WITH CAB - TANDEM AXLE

MINIMUM GVW 24,000 LBS.
MAXIMUM GVW 28,000 LBS



Equipment	Height Without Body and Payload			TIRES	
	A	B	C (est)	Front	Rear
Minimum GVW	11.39	9.55	39.28	8-22.5-8 Pr	8-22.5-8 Pr Double Du
Minimum for Max GVW	11.39	10.44	40.74	8-22.5-8 Pr	9-22.5-10 Pr Double Du

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

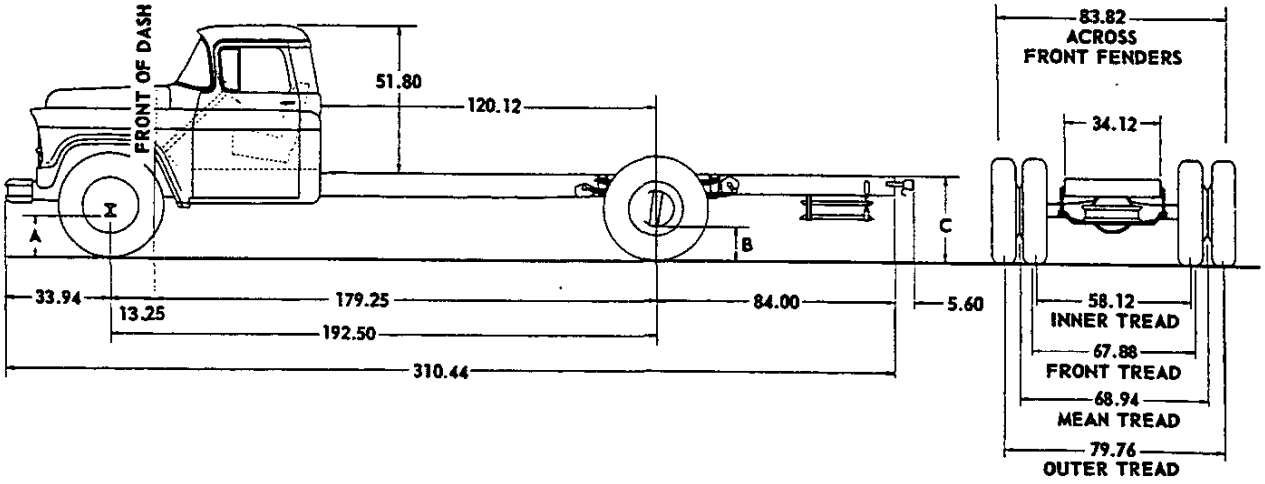
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	SHIPPING			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
8503 * (Tandem)	3260	4370	7630	3360	4500	7860	20005	11%	89%	162
								4%	96%	186
								1/2%	99-1/2%	198

* Estimated weights

CHASSIS AND BODY DIMENSIONS

MODEL 8703 CHASSIS WITH CAB

MINIMUM GVW 14000 LBS.
MAXIMUM GVW22,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.39	9.55	34.16	8-22.5-8 Pr	8-22.5-8 Pr Dual
Minimum for Max GVW	11.84	11.00 ●	35.57	9-22.5-10 Pr	10-22.5-10 Pr Dual

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	
8703 ⊕	3095	2540	5635	3200	2665	5865	15825●	8%	92%	204
								5%	95%	216
								1/2%	99-1/2%	234

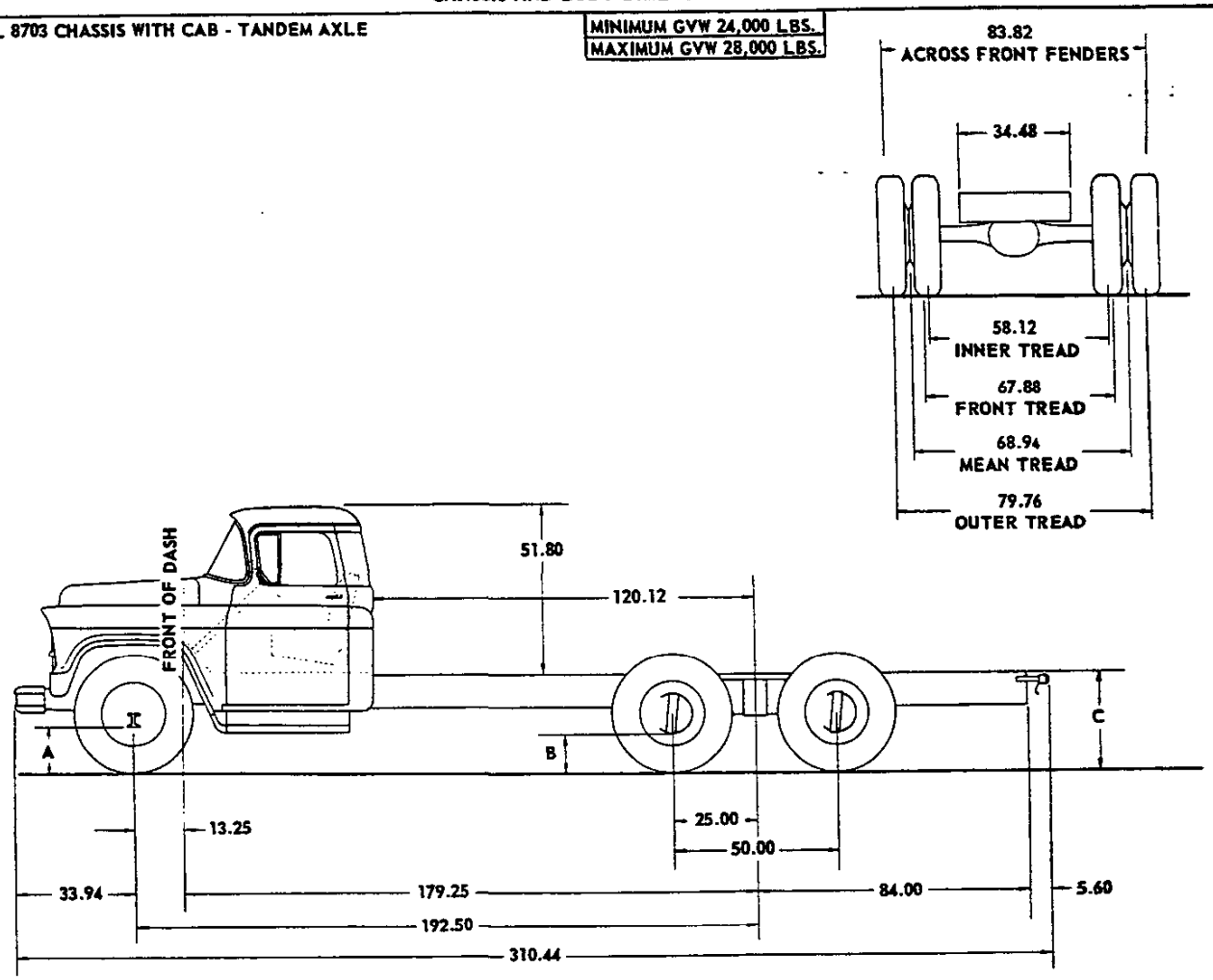
⊕ Estimated Weights

10-29-56 ● - Data Revised. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 8703 CHASSIS WITH CAB - TANDEM AXLE

MINIMUM GVW 24,000 LBS.
MAXIMUM GVW 28,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C (est)	Front	Rear
Minimum GVW	11.39	9.55	39.58	8-22.5-8 Pr	8-22.5-8 Pr Double Dual
Minimum for Max GVW	11.39	10.44	41.04	8-22.5-8 Pr	9-22.5-10 Pr Double Dual

VEHICLE WEIGHTS AND LOAD DISTRIBUTION

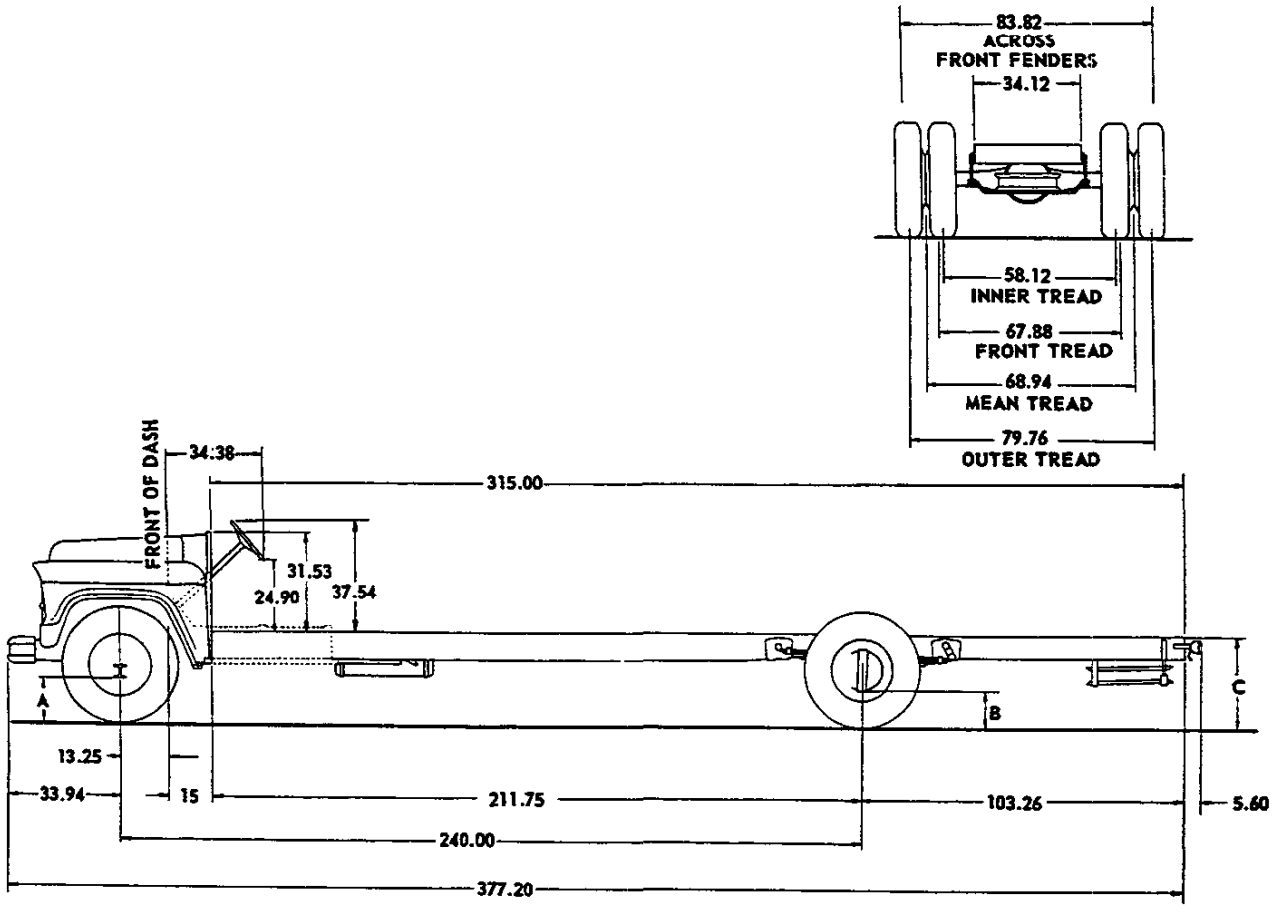
MODEL	WITH STANDARD EQUIPMENT						WITH MINIMUM EQUIPMENT FOR MAXIMUM GVW			
	Shipping			Curb			Body and Payload	Payload Distribution		Body Length
	Front	Rear	Total	Front	Rear	Total		Front	Rear	
8703 ◆ (Tandem)	3305	4430	7735	3410	4555	7965	19900	10%	90%	198
								4%	96%	222
								1/2%	99-1/2%	234

◆ Estimated weights

CHASSIS AND BODY DIMENSIONS

MODEL 8802 SCHOOL BUS CHASSIS WITH FLAT FACE COWL

MINIMUM GVW 14000 LBS.
MAXIMUM GVW 20,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.39	9.55	35.14	8-22.5-8 Pr	8-22.5-8 Pr Dual
Minimum for Max GVW	11.84	10.44 •	35.39	9-22.5-12 Pr	9-22.5-12 Pr Dual

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	
8802 ❹	2850	2625	5475	2910	2800	5710	13125	Determined by style, length and weight of body		

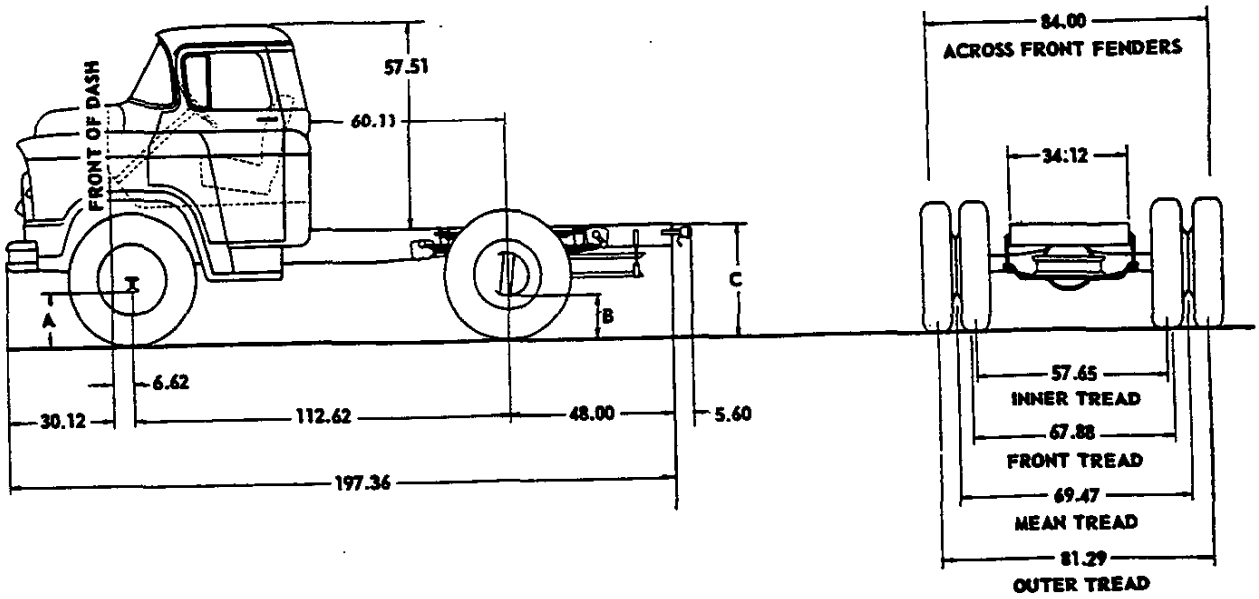
❹ Estimated Weights

10-29-56 • - Data Revised. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 9103 LCF CHASSIS WITH CAB

MINIMUM GVW 17000 LBS.
MAXIMUM GVW 25000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.84 ●	8.28	35.84	9-22.5-10 Pr	9-22.5-10 Pr Dual
Minimum for Max GVW	12.84 ●	9.88	36.84	10-22.5-10 Pr	11-22.5-12 Pr Dual

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	
9103 ⊕	3405	2525	5930	3520	2670	6190	18200	6%	94%	102
								1%	99%	114

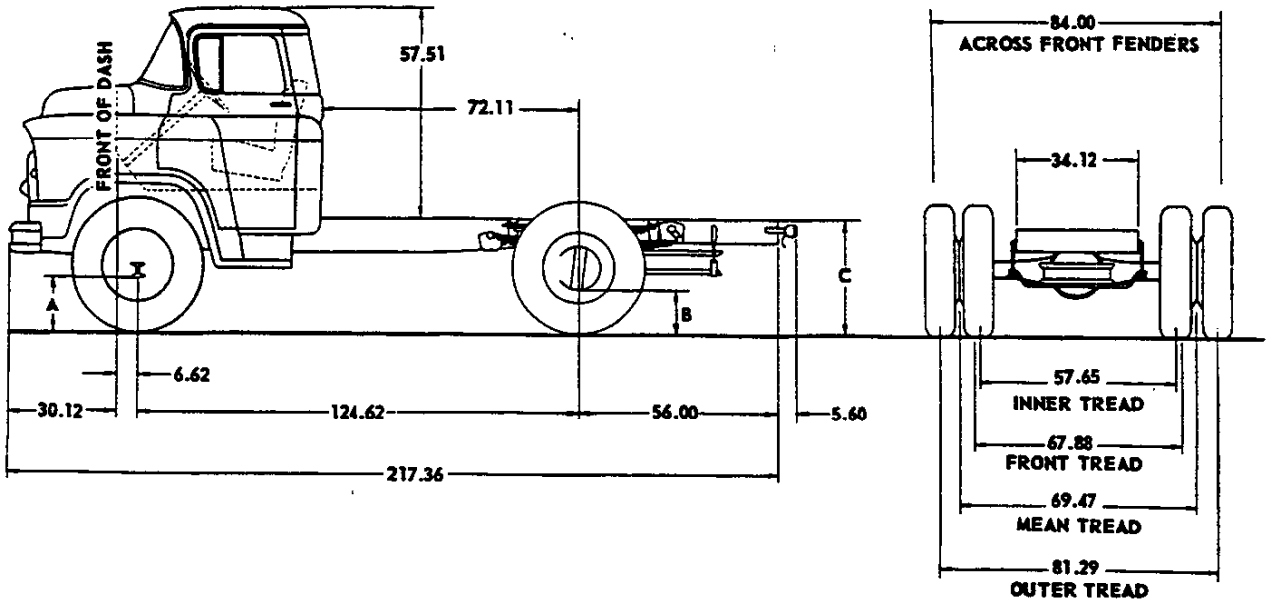
⊕ Estimated Weights

10-29-56 ● - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 9203 LCF CHASSIS WITH CAB

MINIMUM GVW 17000 LBS.
MAXIMUM GVW 25000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.84 ●	8.28	35.30	9-22.5-10 Pr	9-22.5-10 Pr Dual
Minimum for Max GVW	12.84 ●	9.88	36.90	10-22.5-10 Pr	11-22.5-12 Pr Dual

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	
9203 ⊕	3440	2565	6005	3555	2710	6265	18125	6%	94%	126
								3%	97%	132
								1%	99%	138

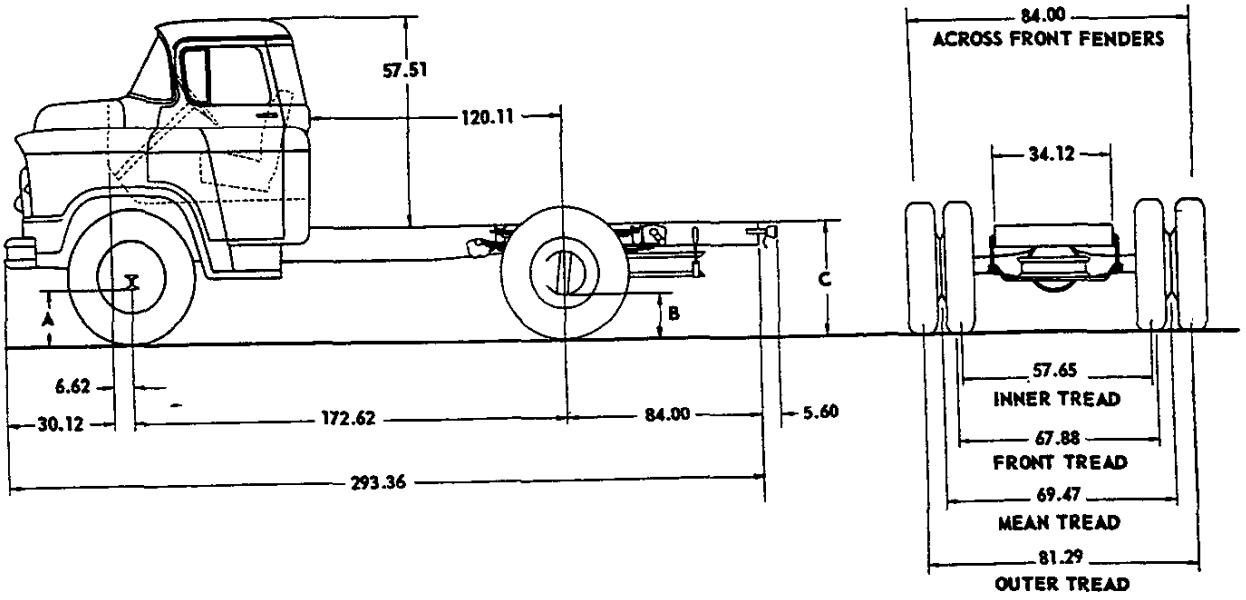
⊕ - Estimated Weights

10-29-56 ● - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 9703 LCF CHASSIS WITH CAB

MINIMUM GVW 17000 LBS.
MAXIMUM GVW 25000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.84 •	8.28	35.36	9-22.5-10 Pr	9-22.5-10 Pr Dual
Minimum for Max GVW	12.84 •	9.88	36.95	10-22.5-10 Pr	11-22.5-12 Pr Dual

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	
9703 ④	3580	2690	6270	3700	2830	6530	17775	13%	87%	192
								6%	94%	216
								1%	99%	234

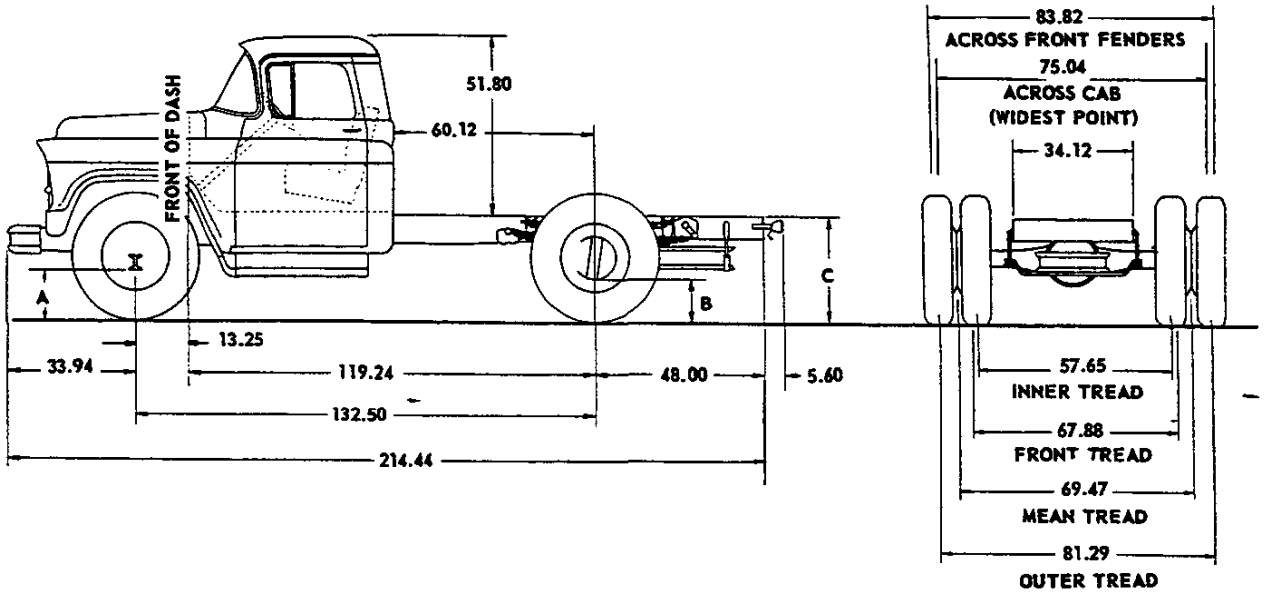
④ - Estimated Weights

10-29-56 • - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 10103 CHASSIS WITH CAB

MINIMUM GVW 17000 LBS.
MAXIMUM GVW 25000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.84 •	8.28	35.60	9-22.5-10 Pr	9-22.5-10 Pr Dual
Minimum for Max GVW	12.84 •	9.88	37.21	10-22.5-10 Pr	11-22.5-12 Pr Dual

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	
10103 ⊕	3215	2715	5930	3315	2875	6190	18200	8%	92%	96
								3%	97%	108
								1%	99%	114

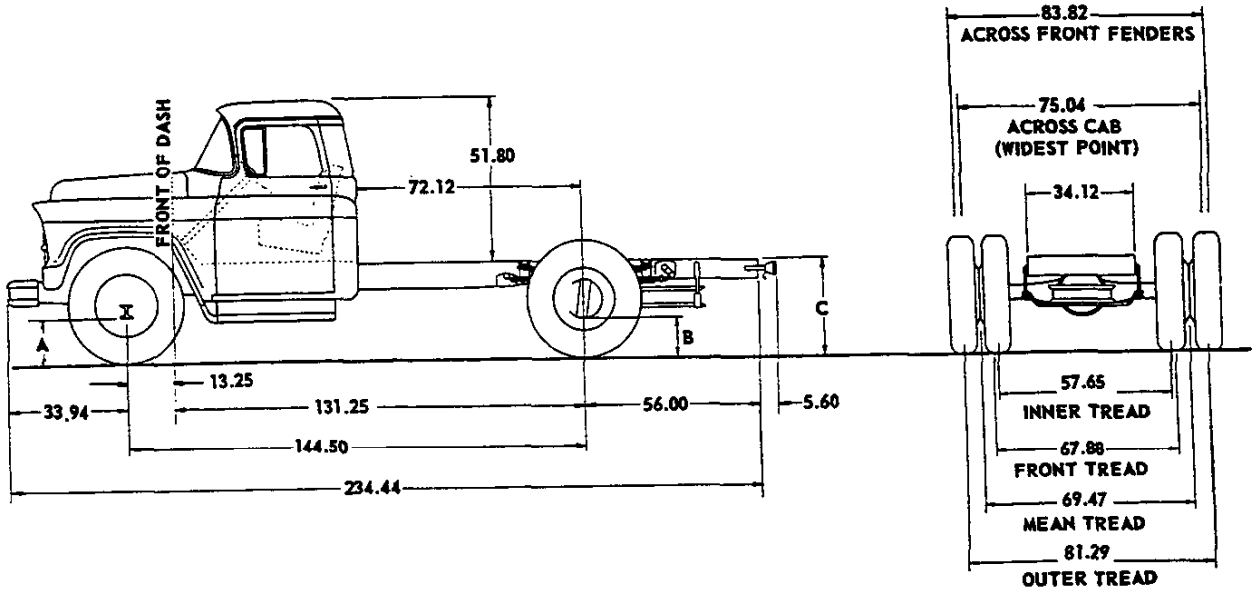
⊕ Estimated Weights

10-29-56 • - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 10203 CHASSIS WITH CAB

MINIMUM GVW 17000 LBS.
MAXIMUM GVW 25000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.84 ●	8.28	35.67	9-22.5-10 Pr	9-22.5-10 Pr Dual
Minimum for Max GVW	12.84 ●	9.88	37.28	10-22.5-10 Pr	11-22.5-12 Pr Dual

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	
10203⊕	3255	2760	6015	3360	2915	6275	18100	11%	89%	108
								5%	95%	126
								1%	99%	138

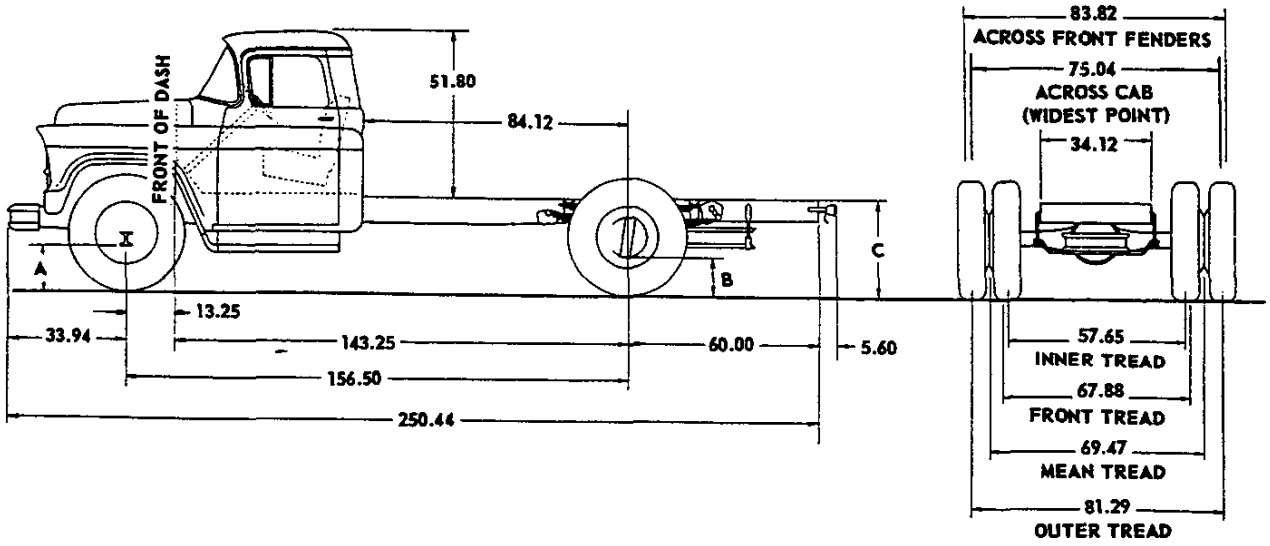
⊕ Estimated Weights

10-29-56 ● - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 10403 CHASSIS WITH CAB

MINIMUM GVW 17000 LBS.
MAXIMUM GVW 25000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.84 •	8.28	34.65	9-22.5-10 Pr	9-22.5-10 Pr Dual
Minimum for Max GVW	12.84 •	9.88	37.26	10-22.5-10 Pr	11-22.5-12 Pr Dual

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	
10403⊕	3245	2760	6005	3350	2915	6265	18075	12%	88%	126
								5%	95%	150
								1%	99%	162

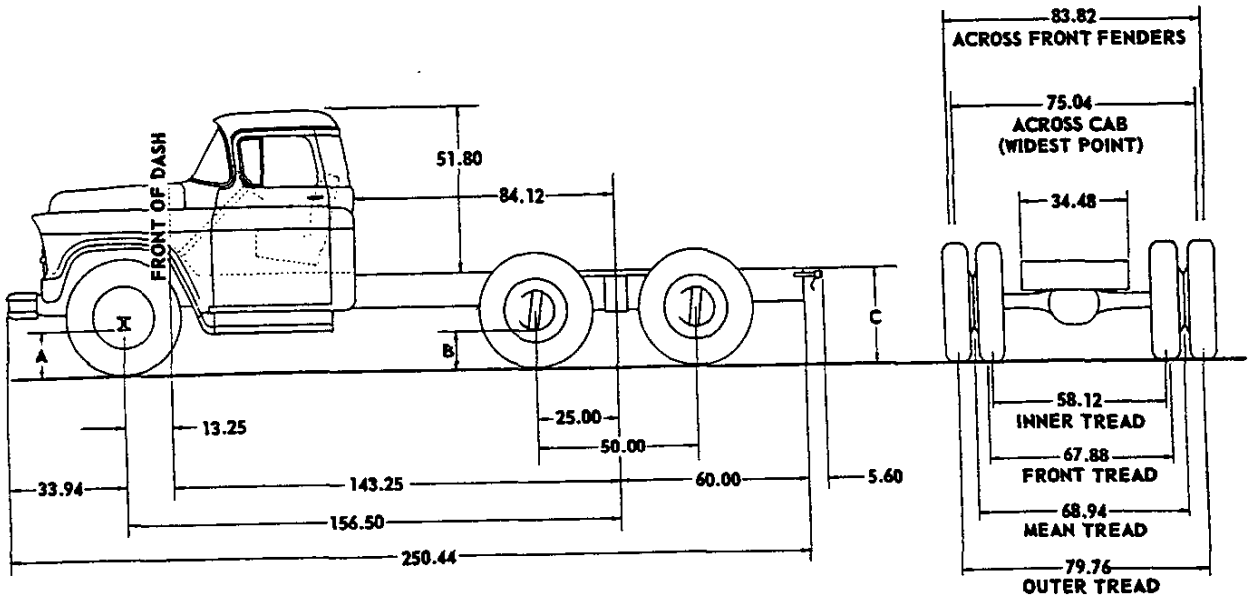
⊕ Estimated Weights

10-29-56 • - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 10403 CHASSIS WITH CAB - TANDEM AXLE

MINIMUM GVW 24,000 LBS.
MAXIMUM GVW 36,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C (est)	Front	Rear
Minimum GVW	11.39	9.55	39.08	8-22.5-8 Pr	8-22.5-8 Pr Double Dual
Minimum for Max GVW	11.84	11.00	40.63	9-22.5-10 Pr	10-22.5-10 Pr Double Dual

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	
10403 ⊕ (Tandem)	3644 ●	4556 ●	8200 ●	3754 ●	4686 ●	8440 ●	27250 ●	6%	94%	144
								3%	97%	156
								1%	99%	162

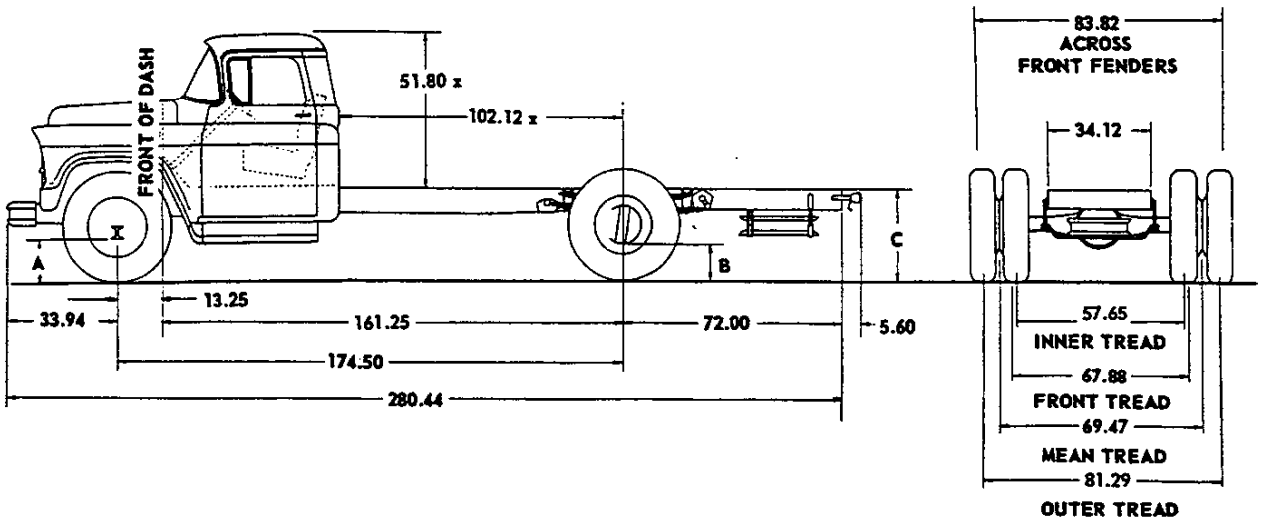
⊕ Estimated Weights

10-29-56 ● - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 10503 CHASSIS WITH CAB

MINIMUM GVW 17000 LBS.
MAXIMUM GVW 25000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.84 •	8.28	35.74	9-22.5-10 Pr	9-22.5-10 Pr Dual
Minimum for Max GVW	12.84 •	9.88	37.36	10-22.5-10 Pr	11-22.5-12 Pr Dual

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	
10503⊕	3320	2835	6155	3430	2985	6415	17900	11%	89%	162
								4%	96%	186
								1%	99%	198

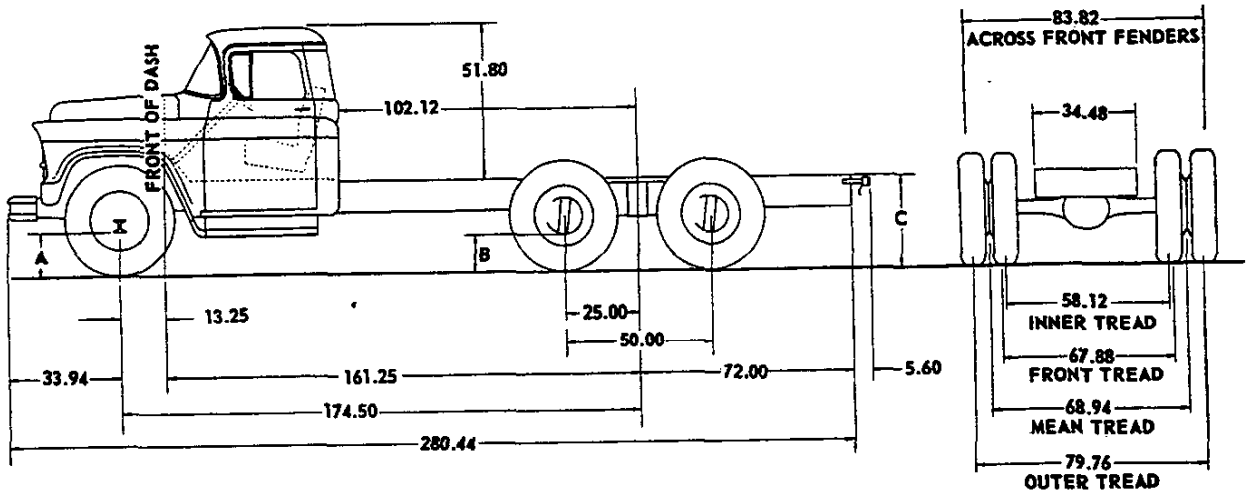
⊕ Estimated Weights

10-29-56 • - Data revised x - Data added 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 10503 CHASSIS WITH CAB - TANDEM AXLE

MINIMUM GVW 24000 LBS.
MAXIMUM GVW36,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C (est)	Front	Rear
Standard	11.39	9.55	39.28	8-22.5-8 Pr	8-22.5-8 Pr Double Dual
Minimum for Max GVW	11.84	11.00	40,83	9-22.5-10 Pr	10-22.5-10 Pr Double Dual

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	
10503 ④ (Tandem)	3682 •	4608 •	8290 •	3796 •	4734 •	8530 •	27175 •	11%	89%	162
								4%	96%	186
								1/2%	99-1/2%	198

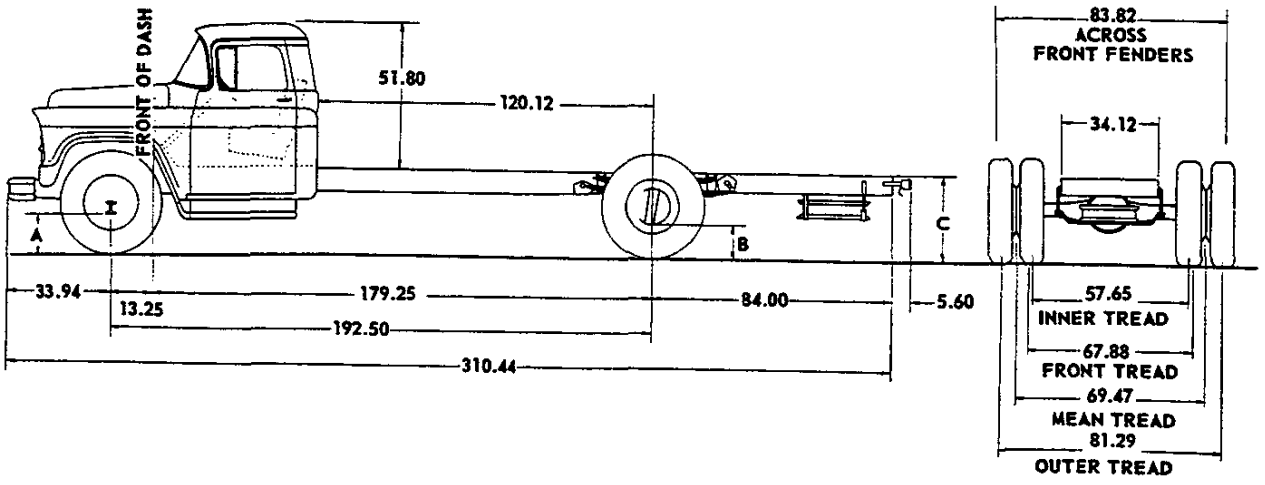
④ Estimated Weights

10-29-56 • - Data Revised. 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 10703 CHASSIS WITH CAB

MINIMUM GVW 17000 LBS.
MAXIMUM GVW 25000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.84 ●	8.28	35.80	9-22.5-10 Pr	9-22.5-10 Pr Dual
Minimum for Max GVW	12.84 ●	9.88	37.42	10-22.5-10 Pr	11-22.5-12 Pr Dual

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	
10703④	3370	2905	6275	3475	3060	6535	17775	11%	89%	192
								5%	95%	216
								1/2%	99-1/2%	234

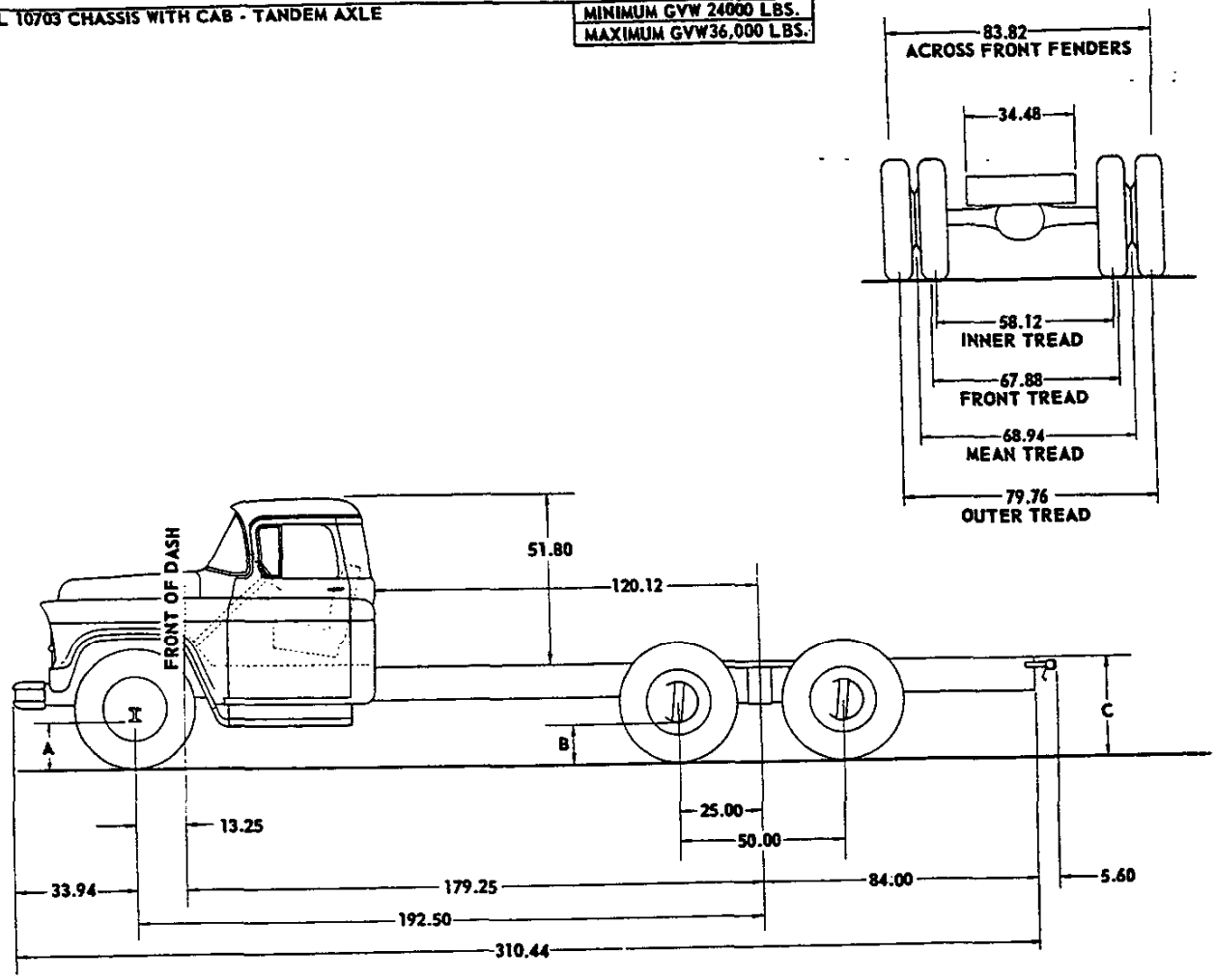
④ Estimated Weights

10-29-56 ● - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 10703 CHASSIS WITH CAB - TANDEM AXLE

MINIMUM GVW 24000 LBS.
MAXIMUM GVW36,000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C (est)	Front	Rear
Minumum GVW	11.39	9.55	39.58	8-22.5-8 Pr	8-22.5-8 Pr Double Dual
Minimum for Max GVW	11.84	11.00	41.13	9-22.5-10 Pr	10-22.5-10 Pr Double Dual▲

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	
10703 ⊕ (Tandem)	3725 ●	4685 ●	8410 ●	3840 ●	4810 ●	8650 ●	27050 ●	10%	90%	198
								4%	96%	222
								1/2%	99-1/2%	234

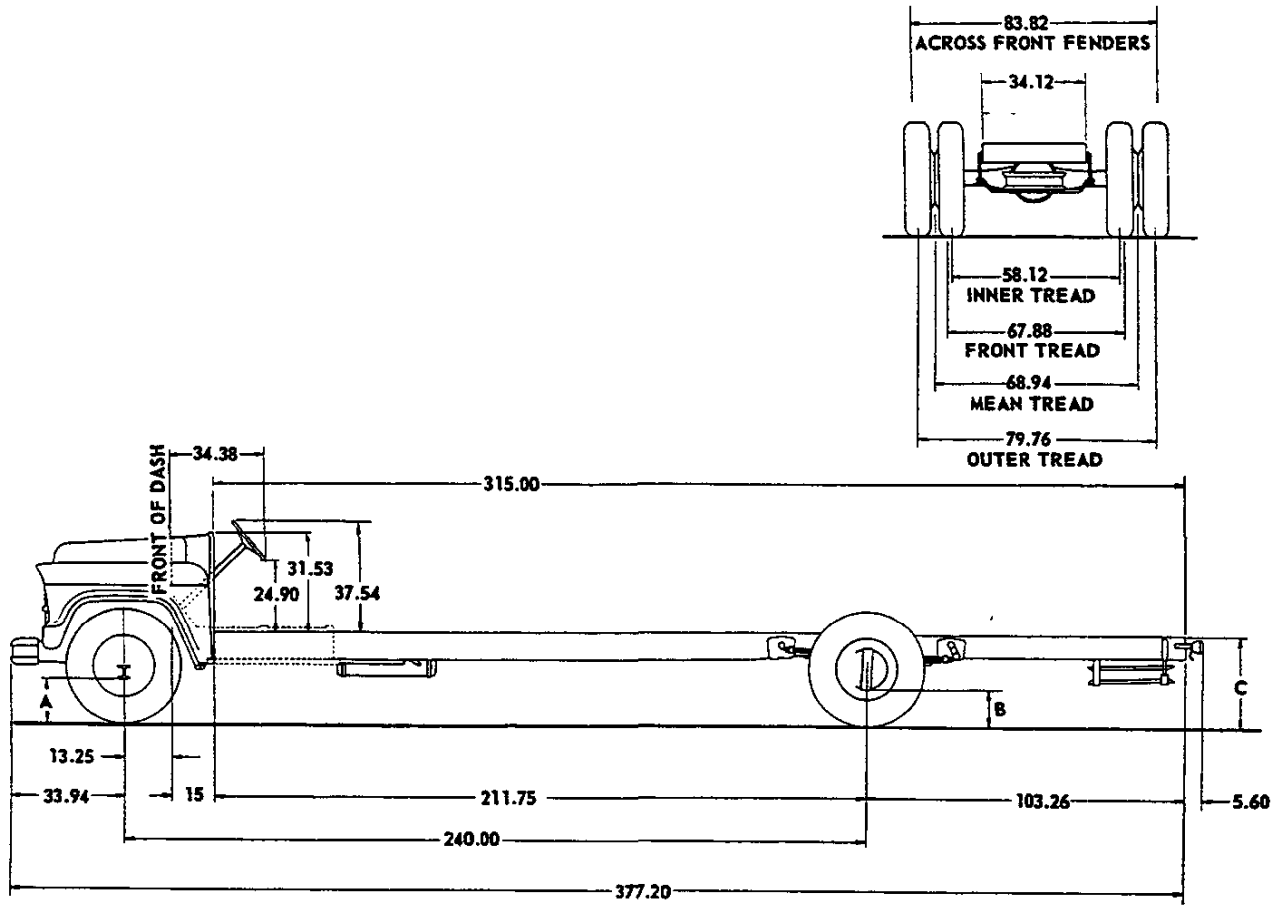
⊕ Estimated Weights

10-29-56 ▲ - Data Corrected ● - Data revised 3-1-57

CHASSIS AND BODY DIMENSIONS

MODEL 10802 SCHOOL BUS CHASSIS WITH FLAT FACE COWL

MINIMUM GVW 17000 LBS.
MAXIMUM GVW 22000 LBS.



Equipment	Height Without Body and Payload			TIRES	
	A	B	C	Front	Rear
Standard	11.84	10.44 •	35.59	9-22.5-10 Pr	9-22.5-10 Pr Dual
Minimum for Max GVW	12.84	11.00	36.59	10-22.5-10 Pr	10-22.5-10 Pr Dual

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	
10802 ⊕	3050	2680	5730	3120	2855	5975	15850	Determined by style, length and weight of body		

⊕ Estimated Weights

10-29-56 • - Data revised 3-1-57

ANTI - FRICTION BEARINGS - Continued

Part #	Type	Function	Usage Per Unit	
			Pass.	Truck
3727273	Needle	Q-44, Q-45	2	
3729088	Needle	C-7		*
3732254	Needle	Q-39, Q-42	2	
3732255	Needle	Q-37, Q-41	2	
3732257	Needle	Q-33	1	
3732258	Needle	Q-34, Q-35, Q-36	3	
3739109	Roller	B-2		2
3742922	Needle	Q-43	1	
3743449	Needle	L-25	1	
3743864	Roller	A-3		2
5666693	SR. Ball	V-58	2	
5911461	N. R.	W-22	1	
5912761	DR. Ball	W-62	2	
7450010	Needle	K-29, M-25		1

Part #	Type	Function	Usage Per Unit	
			Pass.	Truck
7450247	Needle	G-22, I-25	1	1
		H-66, J-26	1	
7450320	Roller	B-1		2
7450323	Roller	B-2		4
		B-2		2
7450335	Tr. R.	A-1		2
7450336	Tr. R.	A-2		2
7450347	Roller	S-49		1
7450358	B. R.	B-6		1
7450371	Tr. R.	B-5		1
7450373	Tr. R.	B-4	1	1
7450382	Roller	B-5		1
7450409	Needle	C-7		*
7450410	Roller	P-32	1	
7450745	Tr. R.	B-6	1	1

BEARING FUNCTION KEY

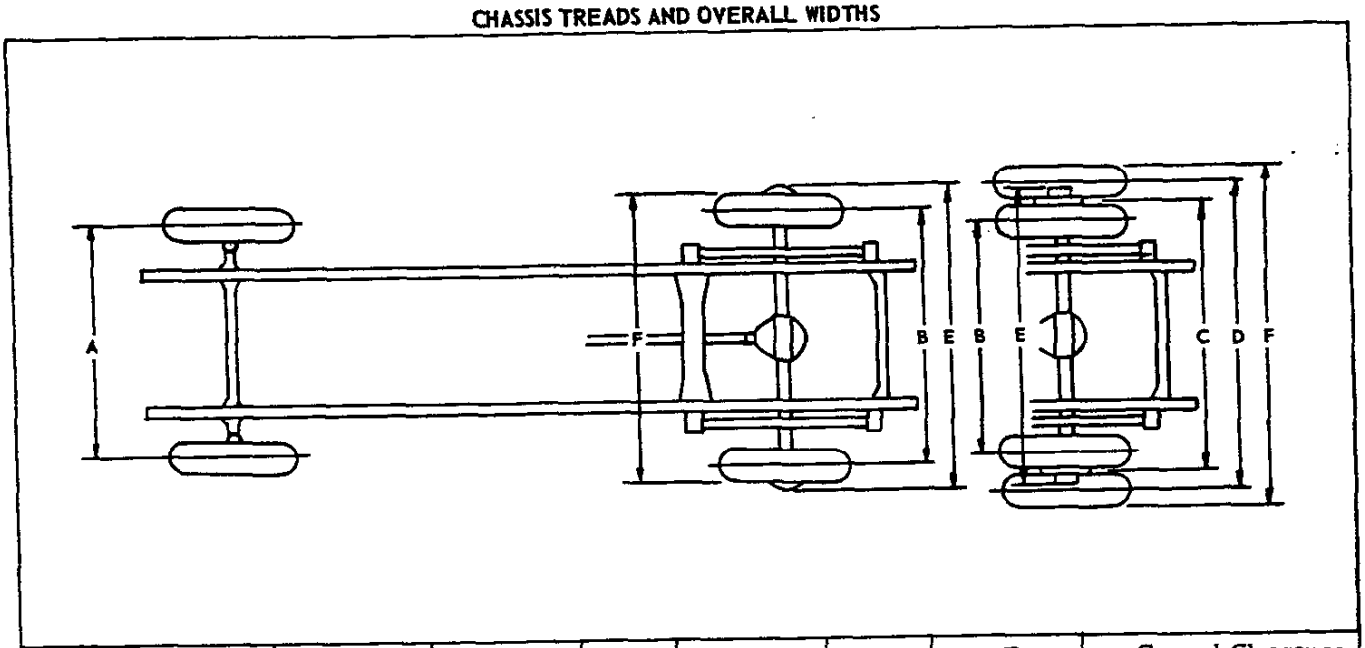
A- Front Axle
B- Rear Axle
C- Prop Shaft
D- Line 6 Engine
E- V-8 Engine
F- Generator
G- 3-Spd. Conv. Trans.
H- Close Ratio Trans.
I- 3-Spd. Overdrive Trans.
J- Taxi Cab Trans.
K- 3-Spd. HD. Trans.
L- Four Speed Trans.-Corvette
M-Four Speed Trans.-Truck
N- Five Speed New Process Trans.
Z- Five Speed Spicer Trans.
P- Powerglide Trans.
Q- Turboglide Trans.
R- Hydramatic Trans.
S- Powermatic Trans.
T- Power Divider
U- Transfer Case (Four Wheel Drive)
V- Steering Gear
W- Air Conditioning
X- Air Brake
Y- Driver's Seat

1. Wheel Inner
2. Wheel Outer
3. King Pin Thrust
4. Pinion Front
5. Pinion Rear
6. Differential
7. Trunnion Assy.
8. Constant Velocity U-Jnt.
9. Lower Trunnion
10. Support
11. Input Shaft
12. Output Shaft
13. Intermediate Shaft
14. Water Pump
15. Clutch Release
16. Clutch Pilot
17. Drive End
18. Commutator End
19. Counter Gear Front
20. Counter Gear Rear
21. Mainshaft Front
22. Mainshaft Rear
23. Clutch Gear
24. Drive Shaft
25. Mainshaft Pilot Front
26. Mainshaft Pilot Rear
27. Countershaft Front
28. Countershaft Rear
29. Mainshaft Pilot
30. 2nd Speed Gear
31. Reverse Idler Gear
32. Planetary Pinions
33. Converter cover to 1st Turbine Hub
34. 1st Turbine to 3rd Turbine
35. 3rd Turbine to 2nd Turbine
36. 2nd Turbine to Stator
37. Stator to Pump
38. Neutral Clutch to Front Ring Gear Carrier
39. Front Sun to Frt. Planet Carrier
40. Frt. Sun to Rear Ring Gear Carr.
41. Rr. Ring Carr. to Rr. Plt. Carr.
42. Rr. Plt. Carr. to Rr. Sun Gear
43. Output Shaft to Case
44. Front Planetary Pinion
45. Rear Planetary Pinion
46. Rear Band Lever
47. Transmission Rear
48. Balance
49. Stator Overrun
50. Low Gear
51. Main Drive Gear Front
52. Main Drive Gear Rear
53. Countershaft
54. Mainshaft
55. Outputshaft Front
56. M/Shaft Frt. Bearing Rear Roller
57. M/Shaft Frt. Bearing Frt. Roller
58. Worm-Thrust
59. Strg. Column Upper
60. Idler & 3rd Arm
61. Sector Roller
62. Compressor Pulley
63. Compressor Wobble Plate
64. Idler Pulley
65. Adjuster Track
66. M/S Front Brg. Rear Roller
67. Output Shaft Rear

EXAMPLE : Function code B-2 would indicate the bearing is used as a Rear Axle Wheel Outer Bearing.

* - Used in Sets
§ - 1-Set
@ - Bearings used on Four Wheel Drive Models.

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 3200	6.70-15	60.5	61.0			70.3	67.9	8.04	7.68
	6.50-16	60.7(62.7*)	61.3				68.2	8.64(8.28*)	8.28
	7-17.5	61.6(63.5*)	62.1			71.1	69.5	8.94(8.58*)	8.58
3400 3500 3700	8-19.5	63.3	61.8			72.4	69.7	7.69	9.63
	8-19.5D		53.6	63.2	72.9	71.0	80.8		
	8-19.5#		61.8			72.4	69.5		
	8-19.5D#		53.6	63.2	72.9	71.0	80.8		
3600	7-17.5	61.6(63.7*)	62.4			72.4	69.8	9.05(7.68*)	7.68
	8-17.5						70.1	9.70(8.33*)	8.33
	8-19.5	60.9(62.9*)	61.7				70.3	11.0(9.63*)	9.63
	7-17.5D	61.6	54.3	63.2	72.1	71.0	79.5	9.05	7.68
3800	8-17.5	61.6(63.7*)	62.4			72.4	69.9	9.70(8.33*)	8.33
	8-19.5	60.9(62.9*)	61.8				69.5	11.0(9.63*)	9.63
	8-19.5D	60.8	53.6	63.2	72.9	71.0	80.8	11.00	9.63
4000	7-22.5D	63.0 (64.8$)	56.9	66.5	76.1	77.0	83.3	11.9(11.17$)	9.53
	8-19.5D						84.0	11.0(10.57$)	8.63
	8-22.5D							12.7(12.27$)	10.43
5-6000 7-8000 10800& Tandem	8-22.5D	63.7 (68.6+) (63.9§)	58.1(58.7≠)	68.9 (69.5≠)	79.8 (80.3≠)	80.8 (85.8≠)	87.8(88.4≠)	12.27 (11.39+)	9.55 (7.83≠)
	9-22.5D						88.4(89.0≠)	12.72 (11.84+)	10.44 (8.28≠)
	9-22.5D@	62.7 (67.6+)	57.1(57.7≠)		80.7(81.3≠)		89.7(90.3≠)		
	10-22.5D@						90.5(91.1≠)	13.72 (12.84+)	11.00 (9.28≠)
	10-22.5D%	67.2+	56.7(57.3≠)		81.2 (81.7≠)		91.2(91.8≠)		
9000 10000 (except 10800)	9-22.5D	68.6	58.7	69.5	80.3	85.8	88.4	11.84	8.28›
	9-22.5D@	67.6	57.7		81.3		90.3		
	10-22.5D@						91.1	12.84	9.28
	10-22.5D%	67.2	57.2		81.7		91.8		
	11-22.5D%						92.6	13.44	9.88
	10-22.5D¢	67.3	59.8	72.0	84.0		91.7	12.84	9.28
	11-22.5D¢						92.5	13.44	9.88
	10-22.5D&	66.9	63.4	71.9	80.4	84.0	90.5	12.84	9.28
	11-22.5D&						91.3	13.44	9.88

D - Dual rear wheels
* - With Four Wheel Drive Equipment
# - With HD 7200 lb. rear axle
$ - With HD 4500 lb. front axle
@ - With 22.5x6.75 wheels
§ - With 7000 lb. front axle (GMT)
% - With 22.5x7.50 wheels (6 bolt)
+ - With 7000 lb. front axle (Eaton)
≠ - With 16000 lb. rear axle
¢ - With 22.5x7.50 wheels (10 bolt)
& - With cast spoke wheels

3-1-57 • - Data revised 5-15-57

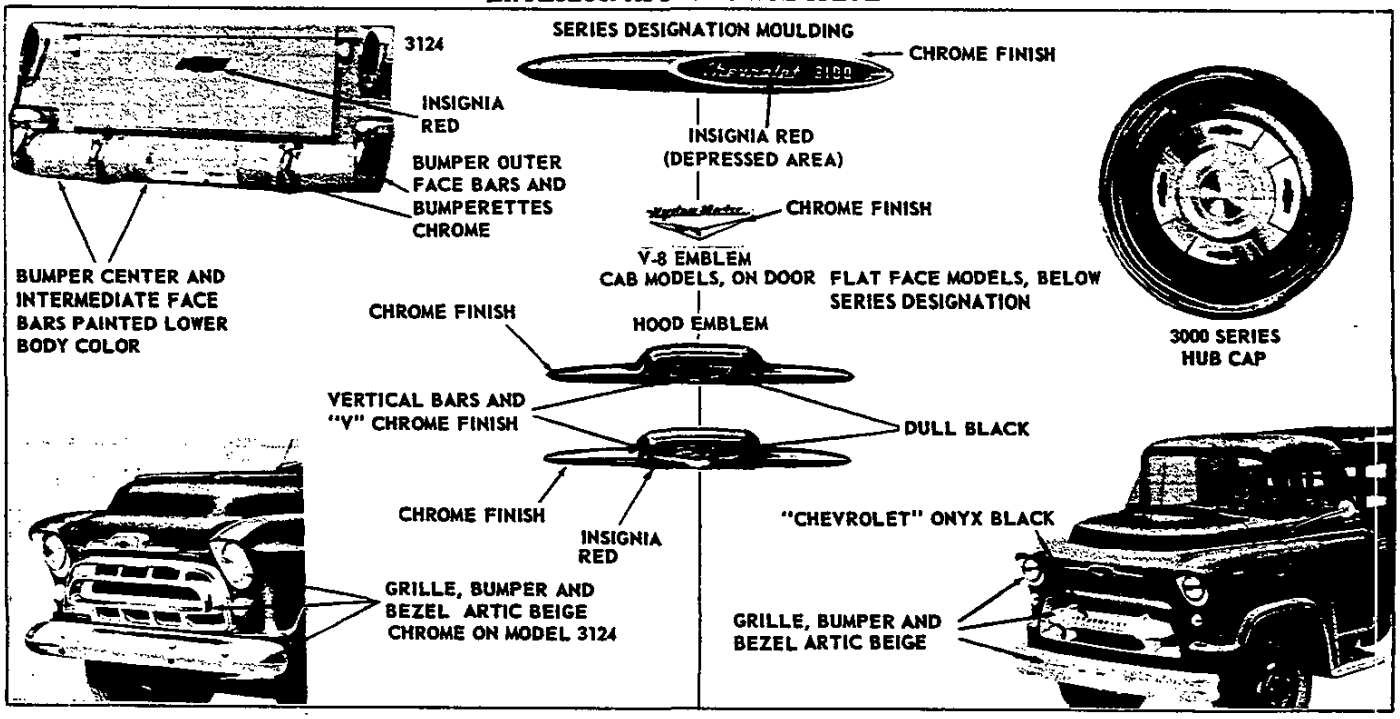
EXTERIOR APPEARANCE

SOLID COLORS	TWO TONE COLORS			
	All models except 3106-3116-3124		3124	
	Upper	Lower	Upper	Lower
Brewster Green	Bombay Ivory	Sand Beige	Cardinal Red	Bombay Ivory
Cardinal Red	Bombay Ivory	Cardinal Red	Bombay Ivory	Sand Beige
Sand Beige	Bombay Ivory	Jet Black	Jet Black	Golden Yellow
Jet Black	Jet Black	Golden Yellow	Bombay Ivory	Cardinal Red
Omaha Orange	Bombay Ivory	Indian Turquoise	Bombay Ivory	Indian Turquoise
Granite Gray	Bombay Ivory	Yukon Yellow	Bombay Ivory	Granite Gray
Indian Turquoise	Bombay Ivory	Ocean Green	Bombay Ivory	Ocean Green
Golden Yellow	Bombay Ivory	Alpine Blue	Bombay Ivory	Alpine Blue
Yukon Yellow	Bombay Ivory	Granite Gray	Bombay Ivory	Sandstone Beige
Ocean Green	Bombay Ivory	Omaha Orange		
Royal Blue	Bombay Ivory	Sandstone Beige		
Alpine Blue	Ocean Green	Brewster Green		
Sandstone Beige	Alpine Blue	Royal Blue		
Pure White				

@ - Deluxe equipment and two tone option not available on models 3106-3116

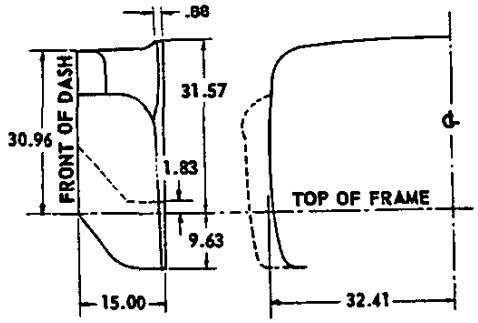
Note: Wheels to be lower body color on all two tone models except upper body color combinations Cardinal Red upper, Bombay Ivory lower; Bombay Ivory upper and Jet Black lower.

EXTERIOR APPEARANCE ITEMS

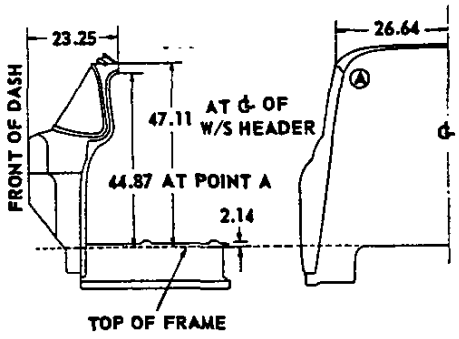


COWL DIMENSIONS

FLAT FACE COWL

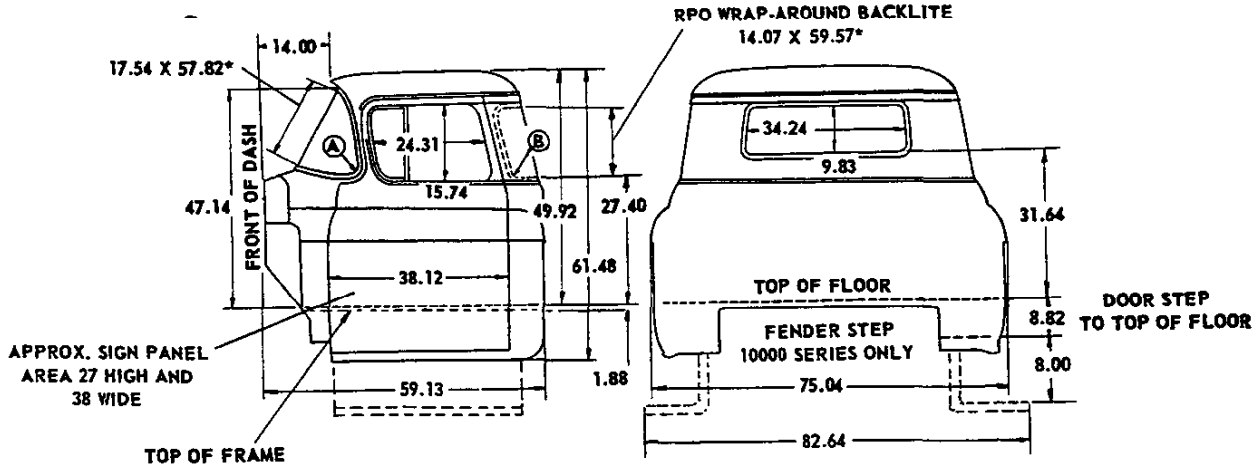


COWL AND WINDSHIELD



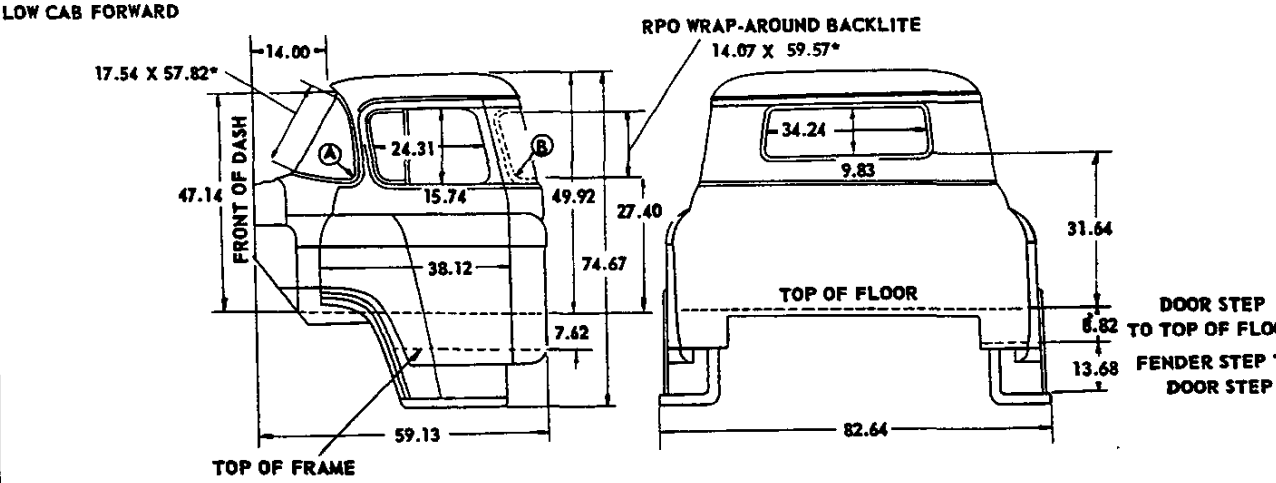
CAB EXTERIOR DIMENSIONS

CONVENTIONAL CAB



* - STRAIGHT ACROSS DIMENSION THRU POINTS A AND B

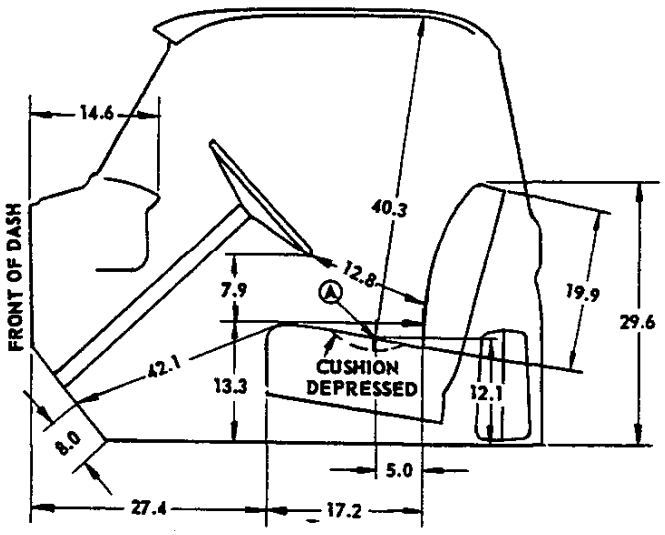
LOW CAB FORWARD



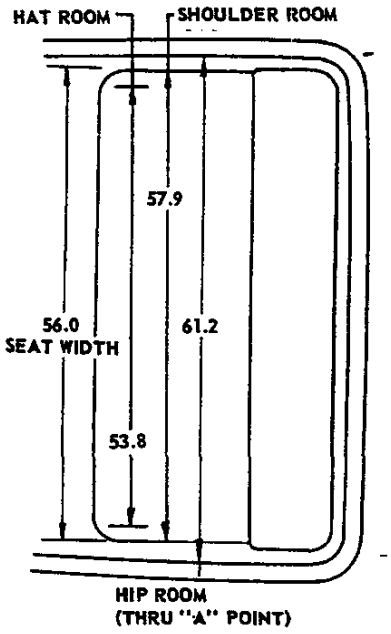
* - STRAIGHT ACROSS DIMENSION THRU POINTS A AND B

DRIVER COMPARTMENT AND SEAT DIMENSIONS

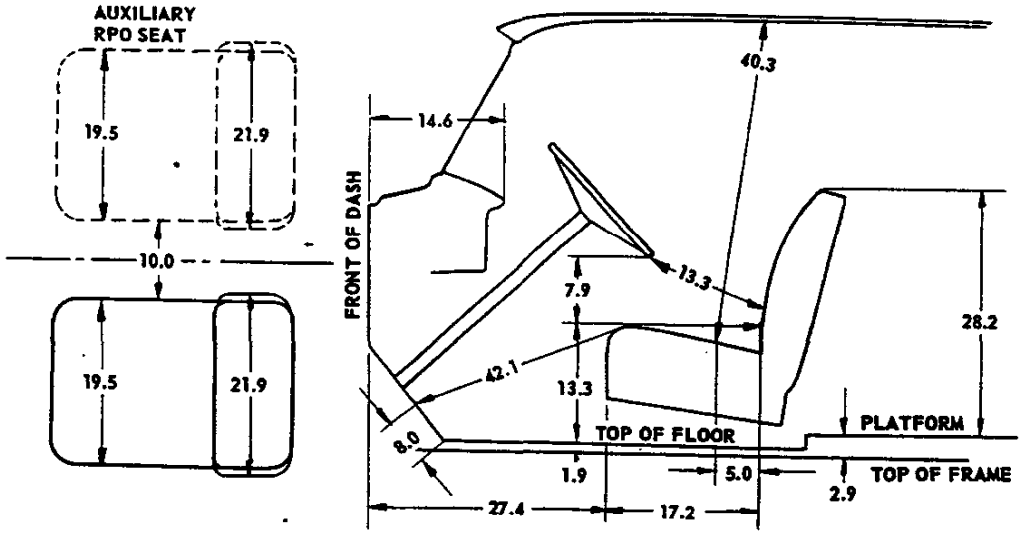
CONVENTIONAL AND LOW CAB FORWARD



SEAT IN REAR POSITION
SEAT ADJUSTMENT: 3.75

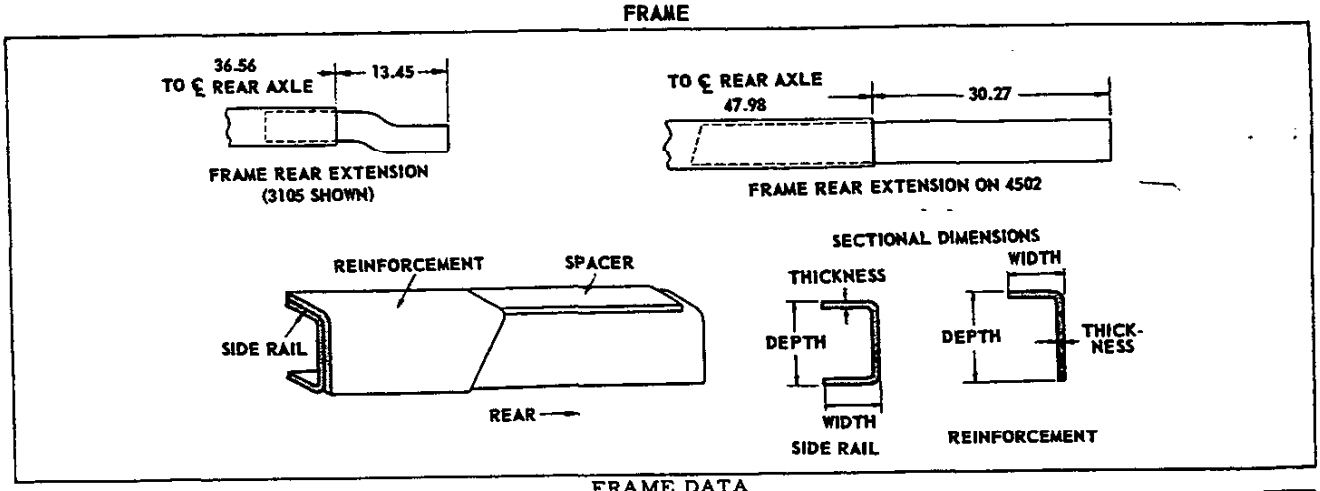


PANEL AND SUBURBAN CARRYALL



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. cubed)	Overall Length	Overall leng. with extension	Kick-up Height
			Depth	Width	Thickness				
3100	5	34.00	6.00	2.26	0.14	2.54	178.05	191.50@	1.68
3200-3600			6.09	2.25	0.19	3.37	198.05	211.37@	1.53
3400	4		7.25	2.74	0.22	5.70	182.49		2.27
3500	5						206.49		
3700							230.49		
3800							208.18	222.50@	
4100			9.06	2.97	0.22	8.28	199.40		
4400-6400	6		9.12	3.00	0.25	9.41	236.46		
4500	8							266.73@	
5100	5						182.25		
5400	6						219.33		
5700							255.33		
6100	5						199.40		
6200									
6500	7						266.48		
6600	6						236.46		
6700	9	34.06	9.18	3.03	0.28	10.36	321.73		
6800							349.23		
7100-9100	5	34.12	9.24	3.06	0.31	11.79	195.52		
7200-9200							215.52		
7700-9700	7						291.52		
8100-10100	5						212.59		
8200-10200							232.59		
8400-10400	6						248.59		
8400-10400*		34.48							
8500-10500	7	34.12					278.59		
8500-10500*	6	34.48							
8700-10700	8	34.12					308.59		
8700-10700*	6	34.48							
8800-10800	9	34.12					375.35		

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 cubic inches

* - Models equipped with tandem axle equipment.

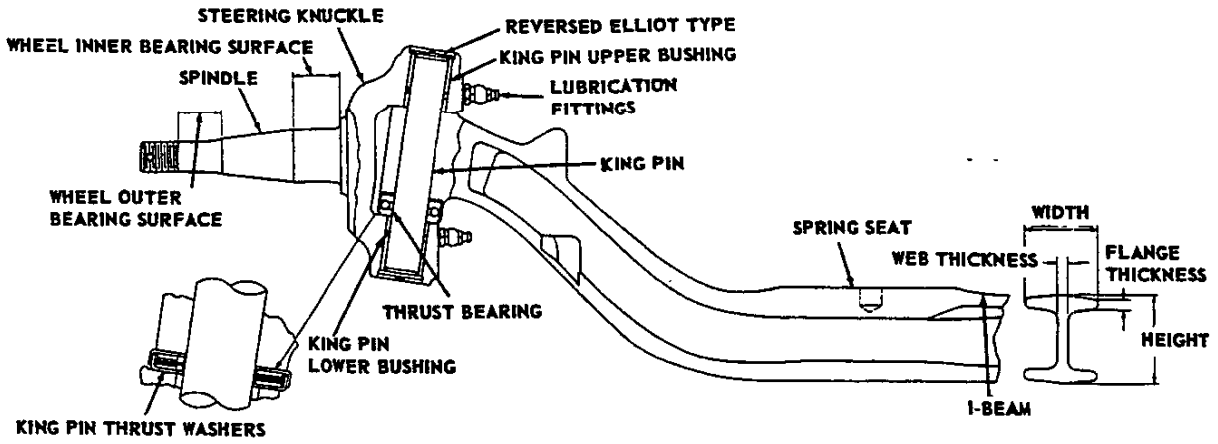
@ - Includes regular production frame rear extension on models 3105, 3106, 3116, 3805 & 4502; RPO frame rear extension on models 3102, 3103, 3112, 3602, 3603 & 3612.

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

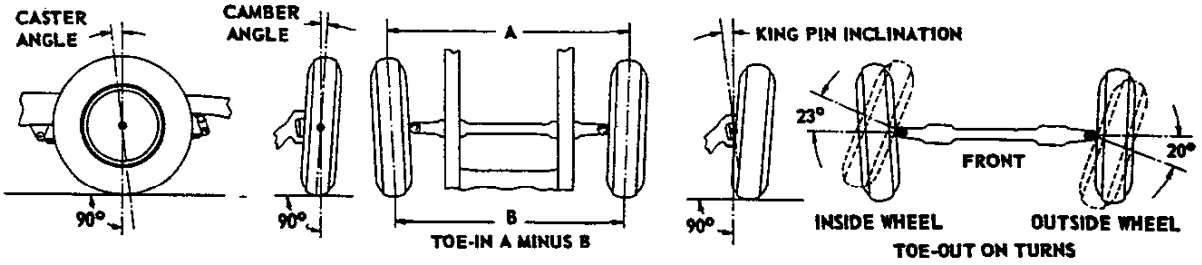
\# - *Frame rail & reinforcement* combined.

3-1-57 ▼ - Data corrected 5-15-57

FRONT AXLE



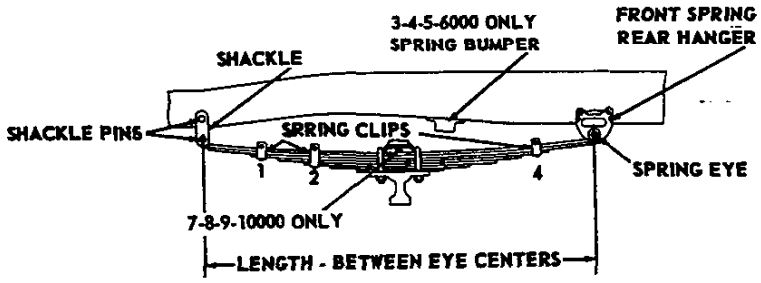
ITEM			3100 3200	3600	3800	4100 4400	3400 3500 3700	45-5000 6000 RPO 41-4400	7-8000 9-10000 RPO5000 62-6600	RPO 61-64-6500 67-6800	8000-10000 with Tandem Option	
Type			Reverse Elliot (Modified I-Beam)									
Make			Chevrolet						Eaton	GMT	Eaton	Timken
Model			1/2 ton	3/4 ton	1 ton	1-1/2 ton		2 ton	485-F▼	F-070¢	57-F	%
Rated Capacity (lb.)			2200	2500	3500	4000		4500*	7000		9000	
I-Beam Dimensions	Height		2.09	2.26			2.51		3.25		3.75	3.62
	Width		1.72	2.00					2.50		2.75	3.25
	Flange Thickness		0.20	0.32			0.44		0.56			
	Web Thickness		0.24	0.25					0.50		0.62	0.50
	Sect. Mod. (in.^{3})		0.72	1.05			1.37		3.20		4.75	5.05
King Pin	Diameter		0.8662	0.9210-0.9214			1.1090-1.1094		1.125		1.359	1.434
	Bushing	Type	+	Pressed into steering knuckle								
		Length	1.3125	1.5156			1.375		1.8125		2.18	2.03
		I.D.	0.8675	0.9095-0.9125			1.0975-1.1005		1.1105-1.1115		1.360	1.437
	Thrust Bearing		@	Copper and steel washers					See anti-friction bearing page			
Spindle Diameter	Inner		1.2803	1.4986-1.4991				1.7493	2.000		2.375	2.250
	Outer		0.7492	0.9052-0.9057				1.0293	1.375		1.750	1.625
Steering Knuckle Stop			Adjustable nut and bolt type									
Wheel Bearings			See anti-friction bearing page									



ITEM		3100 3200	3600	3800	3400 3500 3700	4000	5000	6000	6000 (exc. 6200-6600) with HD axle	6200 6600 with HDaxle	5000 with HDaxle	7000 9000	8000 10000
King Pin inclination		6.16° to 8.16°							5°	4°$			
Camber		0°30' to 1°30											
Caster @ design load		3°	4-3/4°	3-1/4	2-1/2°	2-3/4°	2-3/4°	3°	4°	3°	3-1/4°	2-1/2°#	3°
Caster @ curb wieght		1.5°	3°	2-1/4	2°	2°	2°	2-1/4	3°	2-3/4	2-1/2°	1-3/4°	2-1/2°
Toe-in		.13-.22	.25 to .31										
Toe out on turns	Outside wheel	20°											
	Inside wheel	22-1/2° to 23-1/2°											

* - 4750 lb. capacity when used on 6700 and 6800 models.
@ - See anti-friction bearing page.
$ - King pin inclination on 8000 & 10000 series tandem models with H.D. Timken axle is 5-1/2°.
▼ - with full air brake, model 486F
3-1-57 ▼ - Data corrected 5-15-57
% - FD 901 HDX 10.
# - Without caster shims
¢ - Modified
+ - Floating

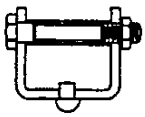
FRONT SPRINGS



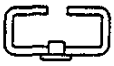
ITEM			3100 3200 3600	3800 (RPO 3100 3600)&	3400 3500 3700	4000 6100 6400 6500	6200-6600 6700-6800 (RPO-3400 3500-3700 6100-6400 6500)	RPO 6100 6400 6500 6700 6800	RPO 6200 6600
Springs	Type		Semi-Elleptic						
	Material		Chrome-carbon steel						
	Number		6	7	8		10	12	
	Thickness of Leaves (Numbered from top to bottom) LEAVES	1-2		.323					
		3						.323	
		4							
		5							
		6							
		7				.291			
		8							
		9							
		10							
		11							
		12							
	Total		1.746	2.101	2.328	2.456	3.070	3.684	3.652
	Load in pounds at opening height		826-906 @1.70	900-1000 @1.74	1082-1196 @1.37	1010-1190 @1.93	1563-1713 @1.52	2604-2990 @.43	2452-2712 @.56
	Average rate of deflection (pounds per inch)		304	410	424	500	628	755	733
	Rated capacity(lb.)	Pad	1000	1100	1700	1750	2200	2450 x	2580 x
		Ground	1170	1300	2000	2050	2500	2750 x	3030 x
	Length and width		44x2						
	Spring clip type	Clinch	1-2-4	1-4					
		Bolt		2		1-2-4			
Spring Mountings	Shackle end	Location	Front				Front %	Front	
		Type	Plain with tapered 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					
	Bumper		Rubber on frame side member lower flange						
	Spring center to center ¢		31.88			32.80		40.00	
Ride stabilizer			3100 (except cabs) 3400-3500-3700-frame to front springs						

& = used with Four Wheel Drive Equipment
% = Shackle end on series 3400-3500-3700 located at rear
# = Length of pin on 5000 series, 4.72 inches
* = 9/16 on series 3600
¢ = Measured on axle I-Beam
3-1-57 x - Data added 5-15-57

SPRING CLIP TYPES



BOLT



CLINCH

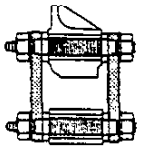
(SHACKLE END)

OVERHUNG EYE

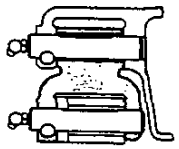
(FIXED END)

DOUBLE WRAPPED EYE

SPRING SHACKLE TYPES



PLAIN WITH TAPERED SEATS

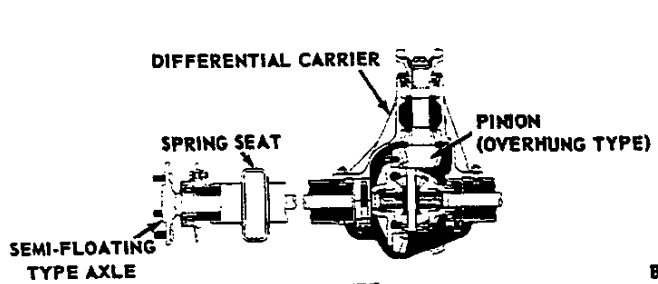


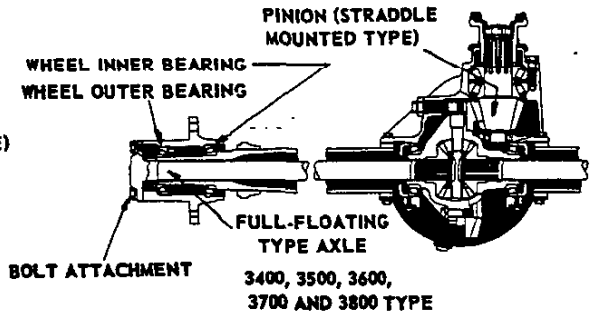
CLEVIS TYPE

ITEM			5000	RPO 5000	RPO 5000	7000	9000 (RPO) 7000	8000	8802 10000 (RPO 8000 exc. 8802)	8-10000 Tandems (RPO 9-10000 exc. buses)
Springs	Type		Semi-elleptic							
	Material		Chrome carbon-steel							
	Number		8	9	11	7				8
	Thickness of leaves (numbered from top to bottom)	1-2	.360			.401	.447	.360	.447	
		3								
		4								
		5								
		6								
		7								
		8								
		9								
		10								
		11								
	Total		2.880	3.240	3.960	2.643	2.899	2.643	2.899	3.300
	Load in pounds at opening height		1662-1938 @.94	1946-2254 @.82	2650-3050 @.43	2850-3150 @.56	3105-3431 @.56	1843-2037 @.56	2451-2709 @.56	3505-3875 @.56
	Average rate of deflection (pounds per inch)		547	616	753	700	930	700	930	1050
	Rated Cap. (lbs.)	At pad	2100	2300	2600	2550	3000	2550	3000	3650
		Ground	2450	2600	2900	3000	3500	3000	3500	4250
	Length and width		.52 x 2.25			.50 x 2.50				
	Spring clip type	Clinch								
		Bolt	1-3-4		2-3-4	1-2-4			1-3-4	1-2-4
Spring mountings	Shackle end	Location	Rear					Front		@
		Type	%			*		%		
		Pin type & size	Threaded; .6595-6645 diameter by 4.48#			Plain .8745x 4.31 long		Threaded .737-.740 diameter x 5.30 long		
	Fixed end	Bushing	Plain bronze; .873-.876 O.D.			Plain H.R. steel pickled 1.134-1.138 O.D.				
		Bolt size	.6825 diameter by 3.82			.8745 diameter by 4.31 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		40.00	32.19				
Ride stabilizer			3100 (except cabs) 3400-3500-3700-frame to front springs							

% = Plain with tapered seats for threaded pins
* = Clevis type shackle
@ = 8000 & 10000, front; 9000, rear

REAR AXLE



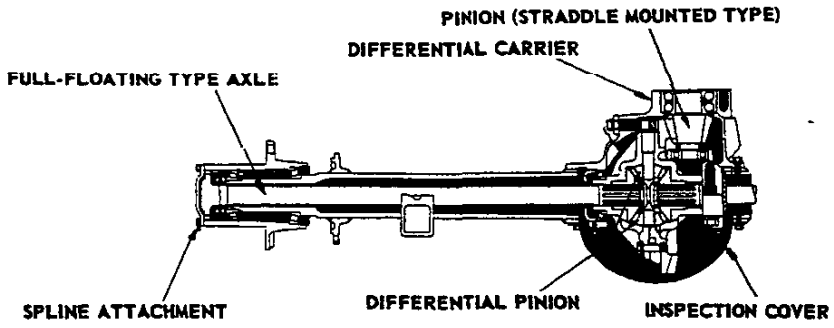


ITEM			3100-3200	RPO 3100 3200	3400 3500 3700	3600	3800 (RPO 3400-3500 3700)	4000
Make			Chevrolet					
Model			1/2 Ton		3/4 Ton		1 Ton	1-1/2 Ton
Type			Semi-floating		Full floating			
Ratio			3.90:1	4.11:1	5.14:1	4.57:1	5.14:1	6.17:1
Rated Capacity (Pounds)			3300		5000		7200	11000
Brake Size			11x1.75		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			4.00 ODx .375 wall
Gears	Type		Hypoid					
	Number of Teeth	Drive gear	10	9	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					
Max. gear reduction in low trans. gear ¢	3-Speed trans.		11.47		15.11	13.44		
	Overdrive trans.			12.08				
	H.D. 3-Speed trans.		12.36		16.29	14.49	16.29	
	Automatic trans.		14.90		24.21	21.52	24.21	29.06
	4-Speed trans.		27.53		36.29	32.26	36.29	43.56
Actual axle shaft torque in low trans. gear.@	3-Speed	235 Eng.	1901		2504	2228		
		265 Eng.	2242		2954	2628		
	Overdrive	235 Eng.		2656*				
		265 Eng.		2656*				
	Heavy-Duty 3-Speed	235 Eng.	2049		2700	2402	2700	
		265 Eng.	2416		3185	2833	3185	
	Automatic	235 Eng.	2470		4013	3567	4013	4817
		265 Eng.	2656*		4733	4207	4733	5681
	4-Speed	235 Eng.	2656*		6015	5347	6015	7220
		265 Eng.	2656*		7095	6307	7095	8516

* - Maximum capacity of axle shafts.

¢ - Axle ratio x transmission ratio.

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



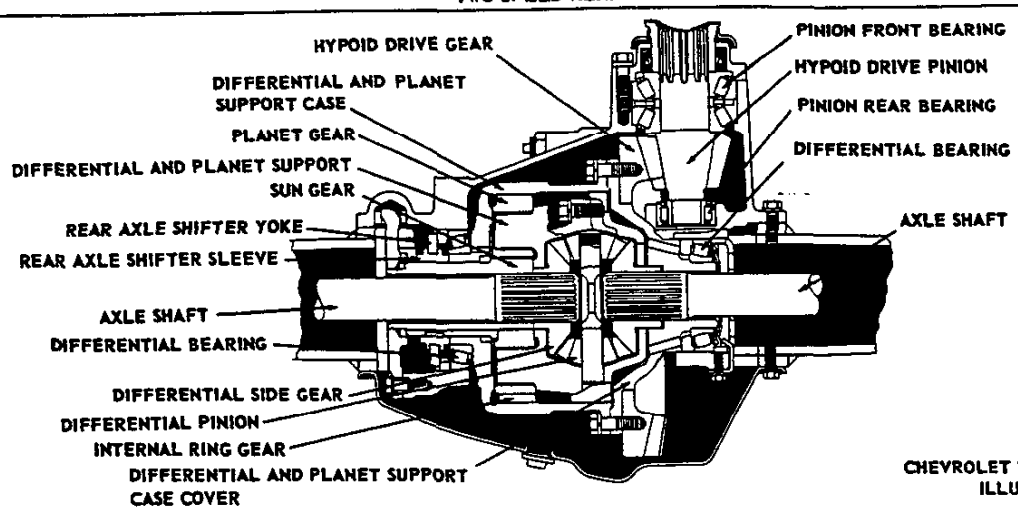
CHEVROLET AXLE SHOWN

ITEM			5000-6000 7000-8000 10800 and Tandem Models	RPO 5-6000 7000-8000 (Except 8800)	9000-10000 (Exc. 10800) RPO 5-6100 6400-6500 7000-8000 (Except 8800)	9000-10000 (Exc. 10800)	9000-10000 (Exc. 10800) With full Air Brakes
Make			Chevrolet		Eaton		
Model			2 Ton		1614	1790 A	1791 A
Type			Full Floating				
Ratio			7.20:1	6.17:1	7.17:1		
Rated Capacity (Lbs.)			15000		16000	18000	
Brake Size			15x4		15x5	16x5	16-1/2x5-1/2
Wheel Mounting	Type		Budd-6 Bolt			Budd-10 Bolt	Cast Spoke
	Bolt size		3/4-16				Wheel & Hub
	Bolt circle		8-3/4			11-1/4	Integral
Housing	Type		Banjo				
	Construction		One or two piece welded		One piece forged steel-Heat Treated		
	Housing section		4.50x.437		4.50x.387	5.12x.437	
Gears	Type		Hypoid			Spiral Bevel	
	Number of Teeth	Drive	5	6	6		
		Driven	36	37	43		
	Driven Gear	Pitch dia.	13.750		14.250	16.000	
		Face	2.125		2.000	2.375	
Gear Backlash			.005-.008				
Drive Pinion	Mounting		Straddle				
	Adjustment		Shims		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			1.81	
Lubricant Capacity			19-1/2 Pints		19 Pints		
Anti-Friction Bearings			See anti-friction bearing chart				
Max Gear Reduction in Low Trans. Gear (lb.ft.)*	4-Speed		50.82	43.55	50.62		
	5-Speed		53.35	45.71	53.12		
	5-Speed H.D.		54.36		54.13		
	6-Speed Auto.		38.09	32.63	37.93		
Actual Axle Shaft Torque in Low Trans. Gear (Lb. Ft.)@	4-Speed	261 Eng.	9331	7996	9294		
		283 Eng.	10799	9254	10757		
	5-Speed	283 Eng.	11337	9716	11288		
		322 Eng.			12735		
	5-Spd. H.D.	322 Eng.			12975		
	6-Speed Auto.	261 Eng.	6993	5991	6964		
		283 Eng.	8100	6940	8060		
		322 Eng.			9099		

* - Axle ratio x transmission ratio.

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

TWO-SPEED REAR AXLE



CHEVROLET TWO-SPEED AXLE ILLUSTRATED

ITEM			4000-5000-6100 6400-6500-6700 6800-7000-8000	5000-6100-6400 6500-7000-8000 9000-10000(except school bus)	9000-10000 except 10800	9000-10000 except 10800 (Full air brake)
Make			Chevrolet	Eaton		
Model			2 ton	16600	17800	17801
Type			Full floating, planetary reduction			
Ratio			8.72/6.40:1	9.04/6.50:1	8.87/6.50:1	
Rated capacity (lb.)			15000	16000	18000	
Brake size			15x4	15x5	16x5	16-1/2x5-1/2
Wheel Mounting	Type		4000 series 10 bolt; others, Budd 6 bolt		Budd, 10 bolt	Cast spoke wheel and hub integral
	Bolt size		4000 series, 5/8-18; others 3/4-16		3/4-16	
	Bolt circle		4000 series, 7-1/4; others, 8-3/4		11-1/4	
Housing	Type		Banjo			
	Construction		One piece forged steel, heat treated			
	Housing section		4.50x.437	4/50x.387	5.12x.437	
Gear	Type		Hypoid		Spiral Bevel	
	Number of teeth	drive	5	6		
		driven	36	39		
	Drive gear	pitch dia	12.750	14.125	16.000	
		face	1.66	1.875	2.375	
Gear backlash			.005-.008	.008-.015		
Gear Reduction	High speed		Through pinion and ring gear			
	Low speed		Through pinion and ring gear (primary); through planetary gears (secondary)			
Pinion	Mounting		Straddle	Overhung	Straddle	
	Adjustment		Shims	None		
	Thrust		Against pinion front bearing			
Differential	type		Four pinion			
Axle Shaft	Type		Integral shaft and drive flange			
	Material		Chrome, moly steel, forged and shot peened			
	Hub attachment		Splined	Bolted		
	Min. diameter		1.69		1.81	
Range Selector	Control & type		Remote, vacuum	Remote Electro-motive		
	Location		Knob on gearshift lever			
Lubricant capacity (pints)			16	21	18	
Anti-friction bearings			See anti-friction bearing chart			

GEAR REDUCTIONS and AXLE SHAFT TORQUE DATA

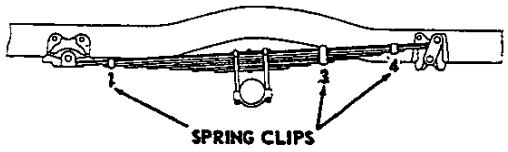
	Speed range		High	Low	High	Low	High	Low
Max. gear reduction in low trans. gear (lb. ft.)*	4-speed trans.		45.18	61.56	45.88	63.81		
	5-speed trans.		47.42	64.62	48.17	66.99	48.17	67.73
	5-speed H. D. tran.				49.08	68.25	49.08	66.97
Actual axle shaft torque in trans. low gear (lb. ft.)@	4-speed trans.	235 Eng.	7489	10204				
		261 Eng.	8295	11302	8424	11716		
		265 Eng.	8833	12035				
		283 Eng.	9601	13080	9750	13560		
	5-speed trans.	261 Eng.	8706	11864	8844	12300		
		283 Eng.	10077	13732	10236	14235		
		322 Eng.			11546	16057	11546	16235
	5-spd. HD	322 Eng.			11765	16360	11765	16053

* - Rear axle ratio x transmission ratio

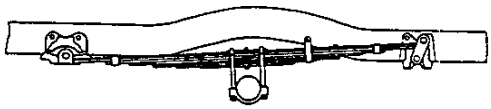
@ - Maximum gear reduction x engine maximum net torque x efficiency factor(.90 in direct drive, .85 all others

REAR SPRINGS

SEMI-ELLIPTIC, SINGLE STAGE



SEMI-ELLIPTIC, TWO-STAGE



ITEM				3100-3200		3600			3800	34-3500 3700 (3800 RPO)	34-3500 3700 (3800 RPO)
				Regular	RPO	Regular	RPO%	RPO	Regular	Regular	RPO
	Type			Semi-elliptic two stage	Semi-elliptic single stage	Semi-elliptic two stage		Semi-elliptic single stage	Semi-elliptic two stage	Semi-elliptic single stage	Semi-elliptic main & auxiliary
Springs	Material			Chrome Carbon Steel							
	Number			7	8	9	10		8		8 & 5
	Leaves — Thickness of leaves numbered from top to bottom	Main	1&2	.291		.323			.291		
			3-5				.291				
			6						.360	.291	
			7	.323							
			8					.291			
			9								
			10								
			total	2.069	2.328	2.843	3.134	3.198	2.530	2.552	
		Aux	1-3								.291
			4&5								
			total								1.455
	Load in pounds at opening height			1100-1200 @.44	1375-1475 @.44	1334-1434 @.44	1524-1624 @.44	2006-2106 @.44	1575-1725 @1.60	1893-2093 @1.62	2322-2838 @2.62
	Average rate of deflection (pounds per inch)			1st stage 175@ 140-425 2nd stage 237@ 800-1050	248	1st stage 250@ 200-600 2nd stage 370@ 900-1500	1st stage 285@ 200-600 2nd stage 405@ 1025-1700	430	1st stage 315@ 250-750 2nd stage 435@ 1400-1800	424	424 Main 625 Aux.
	Length and width			52x2.0					52x2.5		
	Spring clip type	Clinch		1,4							1,4 aux.
		Bolt		3					1,3,4	1,4	1,4 aux.
	Rated capacity (lb)	On pad		1100	1350	1450	1650	2100	2000	2050	3000
		At ground		1250	1550	1700	1925	2400	2300	2400	3450
Spring Mountings	Shackle end	Located		Rear							
		Type		Plain with tapered seats for threaded pins					Clevis type with plain pins		
		Pin type		Threaded .6595-.6645x4.48					Plain .874-.875x4.31		
	Fixed end	Bushing*		.687-.690 inside diameter					.876-.880 inside diameter		
		Bolt size		.681-.684 diameter 3.88					.874-.875 diameter x 4.31		
	Attachment to axle			Two U-bolts, spacer and plate							
	U-bolt diameter			0.500			0.625				
	Bumper			Rubber mounted on frame side member							
	Spring centers @			41.52						40.00	

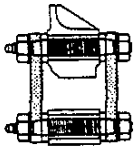
% - To be cancelled when present spring supply is exhausted.
* - Pressed into spring eye
@ - Measured on rear axle housing

SPRING CLIP TYPES

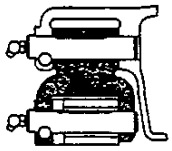
BOLT

CLINCH

SPRING SHACKLE TYPES

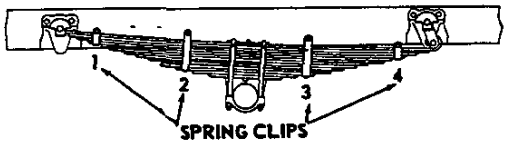


PLAIN WITH TAPERED SEATS



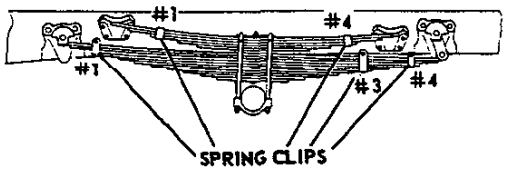
CLEVIS TYPE

SEMI-ELLIPTIC, TWO-STAGE SCHOOL BUS TYPE



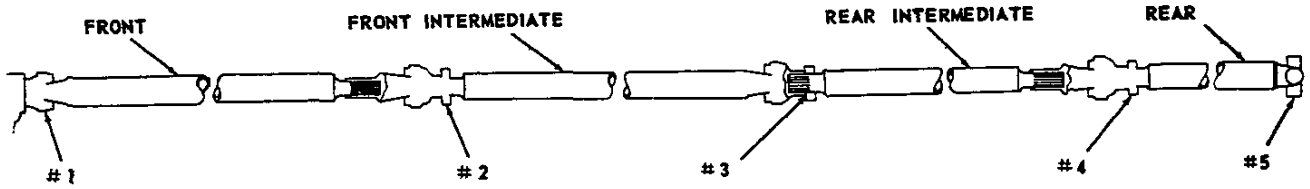
ITEM				4100-4400		4500	5000-6100 6400-6500 6200-6600	5000-6100 6400-6500	5000-6100 6400-6500
				Regular	RPO	Regular	Regular	RPO	RPO
Spring	Type			Semi-Elleptic Single Stage	Semi-Elleptic Main & Auxiliary	Semi-Elleptic Two-Stage	Semi-Elleptic Main & Auxiliary		
	Material			Chrome carbon steel					
	Number			10	10 & 5	12	11 & 5	13 & 6	14 & 6
	LEAVES Thickness of leaves (Numbered from top to bottom)	MAIN	1-4			.360			
			5-8						
			9			.401			
			10						
			11						
			12						
			13						
			14						
			15						
			Total	4.010		4.484	4.411	5.213	5.614
		AUX	1-3		.401			.401	
			4		.360				
			5					.360	
			6						
			Total		1.923		1.923	2.324	
	Load in pounds at opening height			2976-4464 @1.00	3942-4818 @1.54 Main & Auxiliary	3520-3890 @.88	4161-4599 @.56 Main 5130-6270 @ 1.10#	4522-4998 @.82 Main 5949-7271 @1.00#	8347-7553 @.56 Main 9265-11323 @.71 Main and Aux.
	Average rate of deflection (Pounds per inch)			1118	1118 Main 1465 Auxiliary	1st Stage 780@ 500-1000 2nd Stage 1030@ 3500-4500	1160 Main 1465 Auxiliary	1368 Main 1796 Auxiliary	1468 Main 1796 Aux.
	Length and width			52x2.5					
	Spring clip type	Clinch			1-4 Aux.	1-4 Aux.			
		Bolt		1-3-4	1-3-4$	1-2-3-4	1-3-4 Main		
	Rated Capacity (lbs.)	On Pad		4400	5050	3750	5950	6800	8200
		At Ground		5000	5700	4350	6750	7600	9100
Spring Mountings	Shackle end	Located		Rear					
		Type		Clevis type with plain pin					
		Pin type		Plain .874-.875 Diameter x 4.31					
	Fix end	Bushing*		.876-.880 Inside Diameter					
		Bolt size		.874-.875 Diameter x 4.31					
	Attachment to Axle			Two "U" bolts, spacer and plate					
	"U"-Bolt Diameter			.750					
	Bumper			Rubber mounted on Frame Side Member					
	Spring centers¢			40.00					

SEMI-ELLIPTIC MAIN AND AUXILIARY TYPE



ITEM				6700-6800		7000-8000-9000-10000 except 8800-10800 & Tandem Models		9000-10000 exc. 10800 & Tandem Models	8800 10800	10800
Springs	Type			Regular: Semi-Elleptic Two-Stage	RPO: Semi-Elleptic Two-Stage	Regular: Semi-Elleptic Main & Auxiliary	RPO: Semi-Elleptic Main & Auxiliary	RPO: Semi-Elleptic Main & Auxiliary	Regular: Semi-Elleptic Two-Stage	RPO: Semi-Elleptic Two-Stage
	Material			Chrome carbon-steel						
	Number			13	15	9 & 6	11 & 7	13 & 7	12	14
	Thickness of leaves (Numbered from top to bottom)	LEAVES MAIN	1 & 2	.360		.447			.401	
			3 & 4							
			5 & 6							
			7							
			8						.499	
			9							
			10	.401						
			11							
			12							
			13							
			14							
			15							
			Total	4.844	5.605	4.023	4.917	5.811	5.302	6.300
		LEAVES AUX	1	.360						
			2							
			3							
			4							
			5							
			6							
			7							
			Total			2.160	2.520	2.520		
	Load in pounds at opening height			3800-4200 @1.00	4420 @1.00	5184-5236 @.62 Main 6141-7513 @.44#	6122-6198 @.74 Main 7605-9275 @.18#	7125-7875 @.62Main 9000-11000 @.18 (Main-Aux)	5334-5900 @.62	6270-6930 @.62
	Average weight of deflection (pounds per square inch)			1st Stage 860@ 500-1000 2nd Stage 1160@ 3500-4500	1st Stage 936@ 600-1100 2nd Stage 1287@ 3920-4920	1260Main 1400 Aux.	1540Main 1640Aux.	1820Main 1640Aux.	1st Stage 1035@ 500-1000 2nd Stage 1600@ 5000-6000	1st Stage 1035@ 500-1000 2nd Stage 2000@ 5500-6500
	Length and width			52x2.5		56x3.00				
	Spring clip type		Clinch			1 thru 4 auxiliary				
			Bolt	1, 2, 3, 4		1, 2, 3, 4 Main				
	Rated Capacity(lb.)		Pad	4850	5500	6725	8400	9200	6750	7200
			Ground	5500	6300	7600	9400	10300	7700	8200
Spring Mountings	Shackle end		Located	Rear						
			Type	Clevis type with plain pins						
			Pin type	Plain .874-.875 Diameter x 4.31		Plain .999-1.000 Diameter x 5.300				
	Fixed end		Bushing*	.876-.880 I.D.		1.001-1.005 Inside Diameter				
			Bolt size	.874-.875 Dia.x4.31		.999-1.000 Diameter x5.00				
	Attachment to axle			Two "U" bolts, spacer and plate						
	"U" Bolt Diameter			3/4						
	Bumper			Rubber mounted on Frame Side Member						
	Spring centers¢			40.00						

¢ - Measured on rear axle # - Main & Auxiliary * - Pressed into spring eye

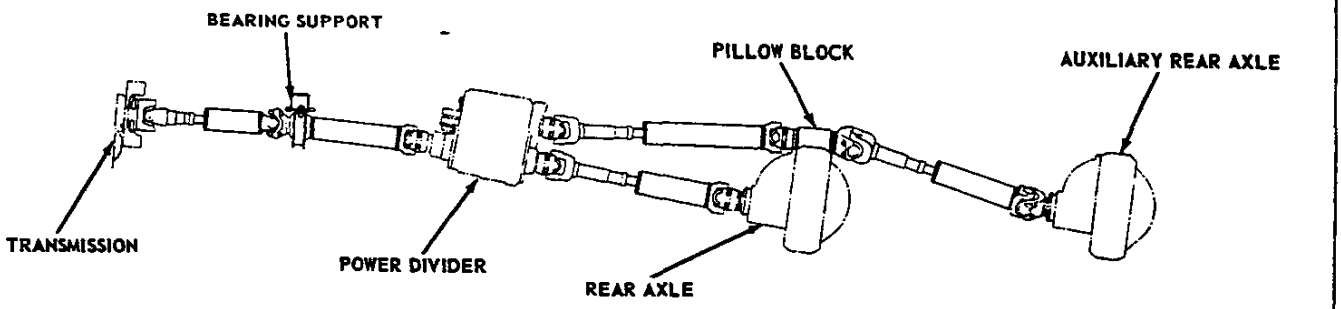


Propeller Shaft	Type	Tubular
	Material	Welded steel tubing - cold rolled
	Wall thickness	2.5 O.D. shaft, .080-.088; 3.0 O.D. shaft .080-.088; 3.5 O.D. shaft, .062-.068
Propeller Shaft Guard (All School Bus Models)	Number used	One per propeller shaft
	Type & material	U-bolt, 0.625 round steel
	Location	At front of each shaft
Universal Joints	Type	Yoke and trunnion
	Material	Forged steel, case hardened

Series	TRANSMISSION									AXLE				PROPELLER SHAFT					UNIVERSAL JOINTS						
	3-Speed Conventional	3-Speed Heavy Duty	Overdrive	Hydramatic	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	x						x				1				3.0	2	1250	1250			
		x			x					x				1				3.5	2	2080	1250			
3200	x		x	x						x				1				3.5	2	1250	1250			
		x			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	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				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	x		2	3.0			3.0	3	2500	2500	2500		
5400					x	x		x			x	x		2	3.0			3.0	3	2500	2500	2500		
5700					x	x					x			3	3.0			3.0	4	2500	2500	2500	2500	
								x			x	x		2	3.5			3.0	3	2500	2500	2500		
6100					x	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		

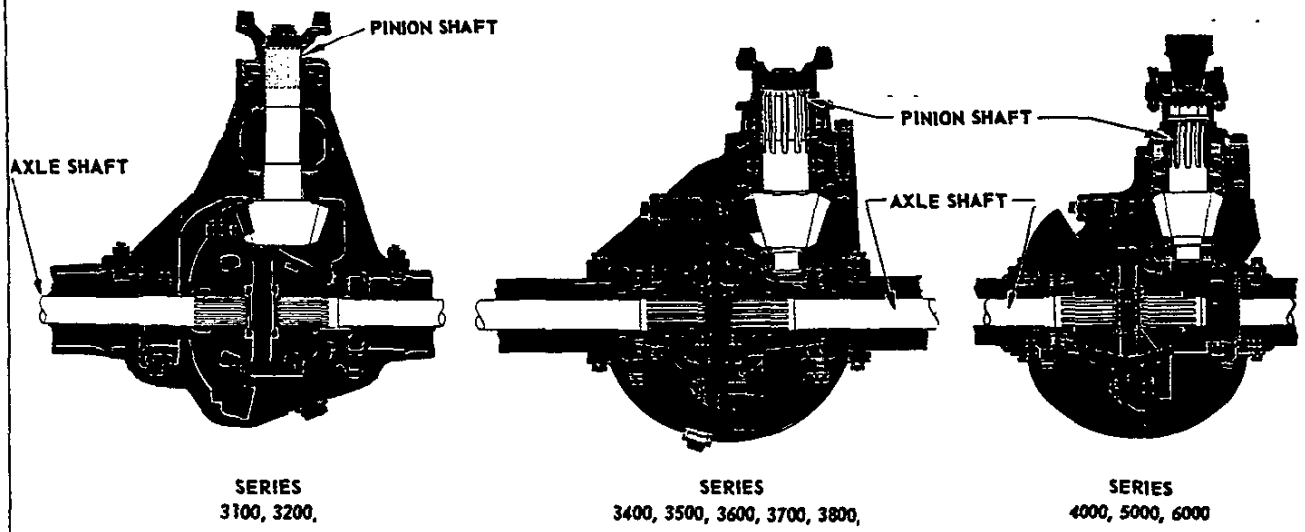
UNIVERSAL JOINTS AND PROPELLER SHAFTS - Continued

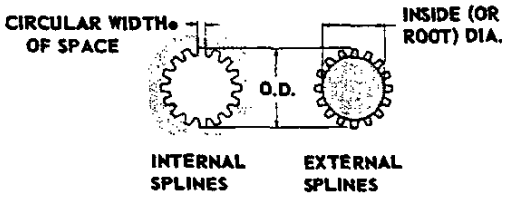
Series	TRANSMISSION								AXLE				PROPELLER SHAFT					UNIVERSAL JOINTS					
	3-Speed Conventional	3-Speed Heavy Duty	Overdrive	Hydramatic	4-Speed	5-Speed	5-Speed Heavy Duty	Powermatic	Single Speed light duty	Single or 2-Speed 15000	Single or 2-Speed 16000	Single or 2-Speed 18000	Number Used	Outside Diameter				Number Used	Rated Capacity (foot pounds)				
														Front	Front Intermediate	Rear Intermediate	Rear		#1	#2	#3	#4	#5
6400					x	x		x		x	x		2	3.0			3.0	3	2500	2500	2500		
6500					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		
6600					x					x			2	3.0			3.0	3	2500	2500	2500		
6700					x	x		x		x			3	3.0		3.0	3.0	4	2500	2500	2500	2500	
6800					x	x		x		x			3	3.0		3.0	3.0	4	2500	2500	2500	2500	
7100					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		-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		4	3.0	3.0	3.0	3.0	5	2500	2500	2500	2500	2500
9100						x	x	x			x		2	3.0			3.0	3	2500	2500	2500		
							x					x	2	3.5			3.5	3	3080	3080	3080		
								x				x	1				3.5	2	3080	3080			
9200						x	x	x			x		2	3.0			3.0	3	2500	2500	2500		
							x	x				x	2	3.5			3.5	3	3080	3080	3080		
9700						x	x	x			x		3	3.0		3.0	3.0	4	2500	2500	2500	2500	
							x	x				x	3	3.5		3.5	3.5	4	3080	3080	3080	3080	
10100						x	x	x			x		2	3.0			3.0	3	2500	2500	2500		
							x	x				x	2	3.5			3.5	3	3080	3080	3080		
10200						x	x	x			x		2	3.0			3.0	3	2500	2500	2500		
							x	x				x	2	3.5			3.5	3	3080	3080	3080		
10400						x	x	x			x		2	3.0			3.0	3	2500	2500	2500		
							x	x				x	2	3.5			3.5	3	3080	3080	3080		
10500						x	x	x			x		3	3.0		3.0	3.0	4	2500	2500	2500	2500	
10700							x	x				x	3	3.5		3.5	3.5	4	3080	3080	3080	3080	
10800						x	x	x		x	x		4	3.0	3.0	3.0	3.0	5	2500	2500	2500	2500	2500

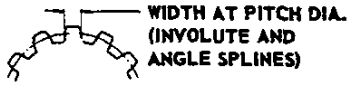


ITEM		8403-10403 Tandem	8503-8703-10503-10703 Tandem
Propeller Shaft	Number used	4	5
	Outside diameter	3.5	3.5
Universal Joints	Number used	8	9
	Rated capacity (lb. ft.)	3080	3080

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
37-38-4000	I. D.	1.694-1.702	1.637-1.647
5-6-7-8000	O. D.	1.6975-1.9755	1.941-1.942
10802 *	Splines	10 (Straight side)	
7000-8000-9000-10000 @	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)	

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 10800 (4000 with 2-spd. axle) *	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

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	1.2795-1.284
	Splines	17 (Involute)	
3400-3500 3600-3700 3800	Width	.1499-.1509	.1479-.1499
	I. D.	1.4245-1.4285	1.399-1.407
	O. D.	1.5485-1.5595	1.5275-1.532
	Splines	17 (Involute)	
4000	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)	
5-6-7-8000 10800 (4000 with 2-spd axle) *	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)	
7000-8000 9-10000 (Eaton 16000 # axles)	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)	
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)	

SERVICE BRAKES

ITEM			3100-3200	3400-3500-3600-3700	3800 (RPO 3400-3500-3700)	4-5-6000
Brake Size		Front	11x2	12x2	12x2	14x2-1/2
		Rear	11x1-3/4	12x2	14x2-1/2	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 iron
	Diameter	Front	11	12		14
		Rear	11	12	14	15
	Effective area (sq. in.)	Front	138	151	151	220
		Rear	121	151	220	377
		Total	259	302	371	597
Lining	Bonded or Riveted		Bonded	Riveted		
	Material		Full moulded asbestos composition			
	Width	Front	2	2	2	2-1/2
		Rear	1-3/4	2	2-1/2	4
	Thickness	Front	.164-.175	.248-.252		
		Rear	.164-.175	.248-.252		.373-.377
	Area (sq. in.)	Front	84	92	92	137
		Rear	73	92	136	245
		Total	157	184	228	382
Wheel Cylinder	Number used	Front	2			
		Rear	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 3400-3500-3700)			361-S@
	Diameter		1.125			1.250
	Piston travel		1.500			
Pedal ratio			6.35 on LCF models; 6.28 all others			
Pedal travel			7.94			
Pedal pad cover			Moulded rubber			
Braking effort		Front	56%	50%	41%	30%
		Rear	44%	50%	59%	70%
Brake fluid capacity			Approximately one pint			
Brake fluid recommended			GM Super No. 11C			

PARKING BRAKES

ITEM		3100-3200(3400-3500-3600-3700 $)	(3800 (3400-3500-3600-3700 ¢)	4000
Type		Pull type, cables to rear wheels*	Drum on Propeller Shaft	
Actuated by		Hand Lever		
Lever location		Left Side below Instrument Panel	Right of gearshift control lever	
Drum	Size	See rear service brake data	8x2.50	9.5 inner, 10 outer
	Eff. area		63(sq. in.)	138 (sq. in.)
Lining	Material		Asbestos composition	
	Clearance		.010-.015	
	Area (sq. in.)		See transmission data pages	

$ - With standard transmission only

@ - Model 362-A on 6200, 6600 series; model 371-C, 1-1/2 dia. cylinder on 5000-6100-6400-6500 series with RPO 414

* - Drum on propeller shaft type on 34-35-36-3700 series with optional transmission.

¢ - With optional transmission

SERVICE BRAKES - Continued

ITEM			7-8-10800 (RPO-5-6000)	9-10000 (exc. 10800)(RPO 5-6-7-8-10800)	RPO 9000-10000 (except 10800)	RPO 9000-10000 (exc-10800) Full Air Brakes
Brake size		Front	15x2-1/4	15x2-1/4	15x2-1/4	16x2-1/4
		Rear	15x4	15x5	16x5	16-1/2x5-1/2
Type		Front	Balanced, two anchor			Single anchor
		Rear	Balanced, four anchor			Single anchor
Drum	Type	Front	One piece, cast alloy iron			
		Rear	One piece, cast alloy iron			
	Diameter	Front	15			16
		Rear	15		16	16-1/2
	Effective area (sq. in.)	Front	212	212	212	226
		Rear	377	471	503	570
		Total	589	683	715	796
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
		Rear	4	5	5	5-1/2
	Thickness	Front	.307-.311			
		Rear	.373-.377	.497-.506		.750
	Area (sq. in.)	Front	150	150	150	150
		Rear	245	316	338	376
		Total	395	466	488	526
Wheel Cylinder	Number used	Front	Four			None
		Rear	Four			None
	Diameter	Front	1.125			
		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 all others			
Pedal travel			7.94			
Pedal pad cover			Moulded rubber			
Braking effort		Front	36%	32%	31%	33%
		Rear	64%	68%	69%	67%
Brake fluid capacity			Approximately one pint			
Brake fluid recommended			GM Super No. 11C			

PARKING BRAKES

ITEM		5-6-7-8000*	5-6-7-8-9-10000@	9000-10000#	5-6-7-8-9-10000%
Type		Drum on Propeller Shaft			
Actuated by		Hand Lever			
Lever location		Right side of gearshift control lever, on floor			
Drum	Size (dia.)	9.5 inner, 10 outer	9.5		
	Eff. area	138 (sq. in.)	75 (sq. in.)	90 (sq. in.)	
Lining	Material	Asbestos Composition			
	Clearance	.010-.015	.020		
	Area (sq. in.)	See transmission data pages			

BRAKE BOOSTER - HYDROVAC

ITEM		RPO 34-35-3742 31-32-36-3800	Reg. Prod on 5000-6000 RPO on 4000	Reg. Prod on 7-8-9-10000 RPO on 5-6000	10400-10500 10700 with Tandem Equip.
Type		Single Piston Vacuum Suspended			
Power Cylinder Dia.		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		Clamped to outside of left side rail		

$ - Additional full air brake data tabulated on "Optional Braking Systems" page ▼

* - With 4-speed trans. @ - With 5-speed trans. # - With H.D. 5-speed trans.

% - With Powermatic trans. § - Two linings per shoe

¢ - Model 361-S used with 5-6000 series when 15x2-1/4 front, 15x4 rear brakes are used.

3-1-57 ▼ - Data corrected 5-15-57

AIR OVER HYDRAULIC BRAKES

ITEM			5000-6000-7000-8000-9000-10000 Series
Compressor	Type		Bendix-Westinghouse TU-FLO 400
	Location (Engine Mounted)		Right Side on 7000-8000; Left side on 9000-10000
	Bore & Stroke		2-1/16x1-1/2
	Displacement		7-1/4-cu. ft. @ 1250 RPM
	Recommended Operating Speed		3000 RPM
	Horsepower (Loaded)		3.2@3000 RPM
	Drive		Belt Driven
	Eng. to Compressor Speed Ratio		0.75:1 on 7000-8000; 0.72 on 9000-10000
	Weight		33 Pounds
	Lubrication		Engine Lubricated
	Cooling		Air Cooled
	Governor	Cut-in	85 PSI
		Cut-out	105 PSI
Reservoir	Size (Dia. x Length)		8x26.00 on School Buses; 7.00x24.00 all others
	Number Used		One
	Capacity		12.00 cu. in. on School Buses; 8.80 cu. in all others
	Working Pressure (Max Normal)		105 PSI
	Safety Valve Pressure		105 PSI
	Location		LH outside Frame on School Buses; RH outside Frame all others.
	Pressure Gauge make & location		AC type D Mounted on Steering Column
Air Booster	Effective Diameter		4.5
	Slave Cylinder Diameter		1.125
	Stroke		3.875
Brake Lines	Type		Copper Tubing & One Governor Flex Line
	Size		3/8 x 1/2 O.D.

FULL AIR BRAKES

ITEM			9000-10000 Series
Wheel brakes	Type	Front	Individually Anchored Shoes, Flat Cam Actuated
		Rear	Single Anchor, S-cam actuated
	Brake size	Front	16x2-1/4 (for additional data see brake page)
		Rear	16-1/2x5-1/2 (for additional data see brake page)
	Adjustment		Through adjusting screw on slack adjuster
Compressor			Bendix-Westinghouse, TU-FLO 400@
Brake chamber	Make and type	Front	Bendix-Westinghouse, type 12
		Rear	Bendix-Westinghouse, type 24
	Number used		Two each, front and rear
	Diameter	Front	5-13/16
		Rear	7-1/4
	Effective area (sq. in.)	Front	12(each)
		Rear	24(each)
	Spring force @ 0" stroke	Front	12.25 lb.
		Rear	30.75 lb.
	Spring force increase per inch of stroke	Front	2.50 lb.
		Rear	8.00 lb.
Slack Adjuster	Make	Front	Bendix Westinghouse, type 18-2
		Rear	Bendix Westinghouse, type 20-2
	Type	Front	Lever type, 4 inch
		Rear	Lever type, 6 inch
Brake Control Valve	Make and type		Bendix Westinghouse, type E-1
	Location		9000, lt. frt. body mounting bracket; 10000 on lt. frame side rail
	Air discharge		Thru two (one each, front and rear) quick release valves.
Reservoir	Number used and size		Two, 7.00 diameter x 24.00 long
	Capacity		830 cubic inches
	Working pressure (max. normal)		105 PSI
	Safety valve pressure		150 PSI
	Location		Wet tank, outside left side rail; dry tank, outside right side rail
	Pressure gauge, make & location		AC, type D, 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	5000	7000-9000
Type		Direct Double Acting				
Model Number		835U	835S	651Z	651Y	651BB
Valve Code		C3.5H8/A2.5	4J8/C2.5	03J10/C2	04N10/D3	03J10/C2
Piston Diameter		1"		1-3/8"		1"
Piston Travel		8-1/4"	7-3/4"	8-3/4"	8-1/2"	9-1/4"
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		C3.5J10/D2	04N10/A1
Piston Diameter		1"	1-3/8"
Piston Travel		9-1/4"	7-1/2"
Attachment	Top	Integral Eye with Pre-stressed Grommet	¢
	Bottom		%

FRONT SHOCK ABSORBERS - OPTIONAL EQUIPMENT

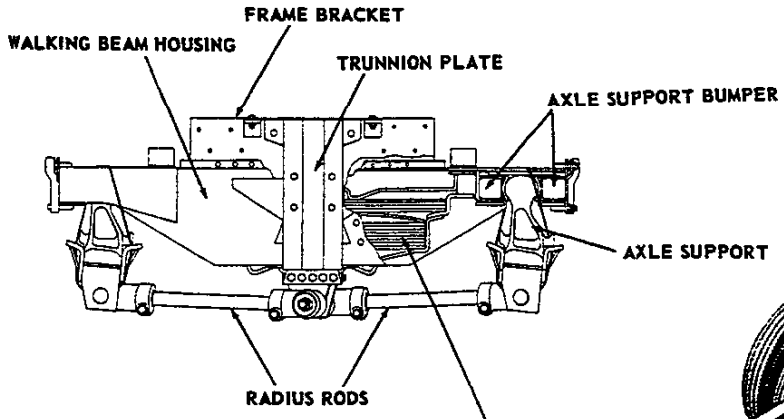
Item		4000	6100-6400 6500 Std. Front Springs	6100-6400 6500 H.D. Front Springs	6700-6800 Standard Front Axle	5000 H.D. Frt. Axle	61-64-6500 6700-6800 H.D. Front Axle	6200-6600 Standard Front Springs	6200-6600 H.D. Front Springs
Type		Direct Double Acting							
Model Number		651T				651X			
Valve Code		03J10/C2			03D6/A3	04N10/D3	03J10/C2		
Piston Diameter		1-3/8"							
Piston Travel		7-1/4"				8-1/4"			
Attachment	Top	Integral Eye with Pre-stressed Grommet							
	Bottom								

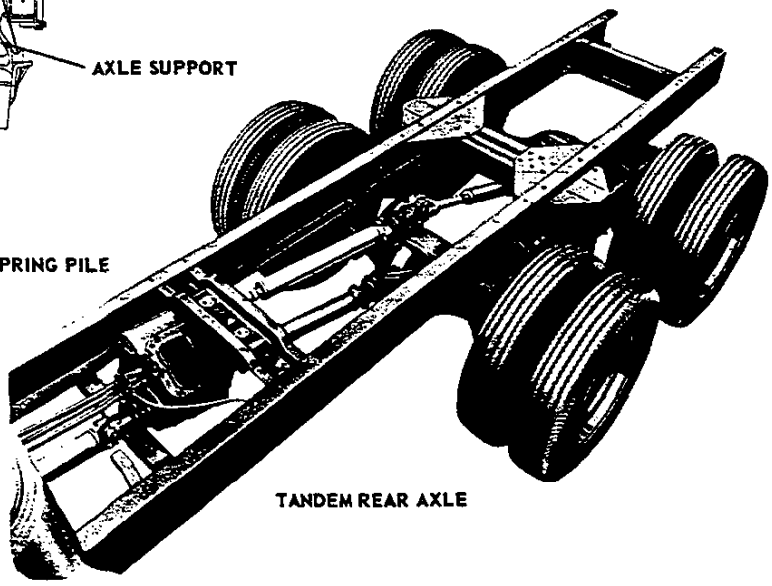
REAR SHOCK ABSORBERS - OPTIONAL EQUIPMENT

Item		3800@	4100 4400	5000 6100-6400 6500	6700 6800	4500	8800	10800
Type		Direct Double Acting						
Model Number		684U	651CC			660U	651EE	
Valve Code		04N10/A1						
Piston Diameter		1-3/8"						
Piston Travel		7-1/2"	9-1/2"			7-1/2"	10"	
Attachment	Top	¢	$			%	$	
	Bottom	%						

@ - Data also applies to Models 3803-04-09 Equipped 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

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.

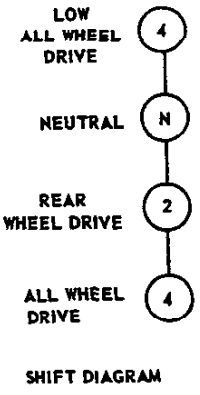
ITEM			8403, 8503, 8703(RPO 682)	10403, 10503, 10703(RPO 476)
Gross vehicle weight (maximum)			28000 lb.	36000 lb.
Gross combination weight			45000 lb.	50000 lb.
Frame	Type		Ladder type with inverted "L" reinforcement	
	Section modulus (Comb.)		15.82 inches cubed	
Front Springs	Type		8 leaf, semi-elliptic	
	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		13 leaf, 2 stage spring pile, encased in walking beam housing	
	Overall dimensions		60.25x11.12x4.00	
	Rate of Deflection	Start	2500 lb. per inch	
		Design load	14000 lb. per inch	
		Metal to metal	20000 lb. per inch	
	Housing, center to center		40.40	
	Rated capacity		12000 lb. @ pad; 15000 lb. @ ground (each)	
Brakes	Front		15x2-1/4	
	Rear		15x4	
	Effective area		Drum, 966 square inches; lining, 640 square inches	
	Master cylinder		Model 381-A, 1-3/4 diameter	
Transmission			4-speed regular production	H.D. trans. (RPO 301 or 311)
Power divider			Truckstell, model 500 (see transmission page)	
Steering			Linkage type power steering, ratio 23.6:1	
Tires, front and rear			Min. 8-22.5-8; max. 10-22.5-10(RPO 455 for minimum tires)	
Wheels, front and rear			Minimum required, four additional 22.5x6.00 wheel (RPO 477)	

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

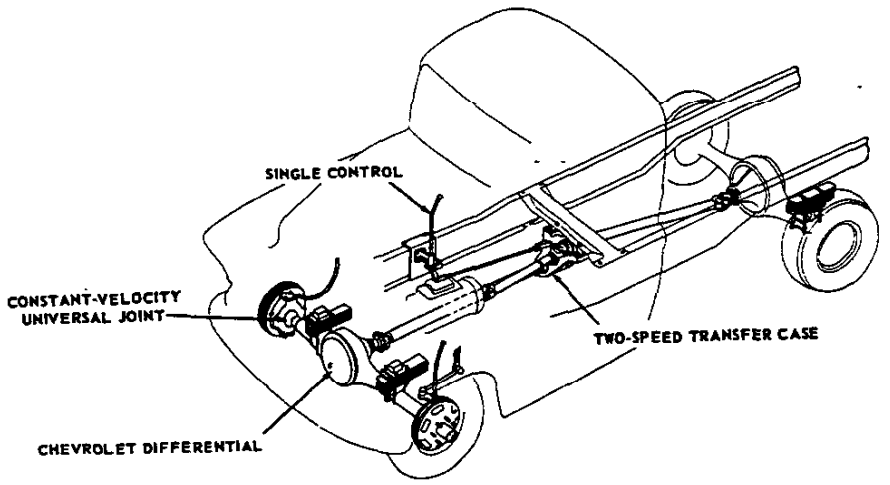
Note: all equipment listed above is included in the tandem rear axle option (RPO 476 or 682) unless otherwise specified.

3-1-57

FOUR WHEEL DRIVE



SHIFT DIAGRAM



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			3103, 3104, 3105, 3106, 3116	3603, 3604, 3609	3803, 3804, 3805, 3809
Gross vehicle rating (maximum)			5400	7300	7400
Front Axle	Type		Full floating, hypoid gears		
	Ratio		3.90:1	4.57:1	5.14:1
	Capacity		3000	3300	3500
	Axle Shaft	Minimum diameter	1.156		
		U-joint type	Constant velocity (Rzeppa)		
	Front End Alignment	Caster	1-3/4°		
		Camber	1-1/2°		
		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 %		504 NID/A1
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		Cabs, 17.5; others 15.5
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.@

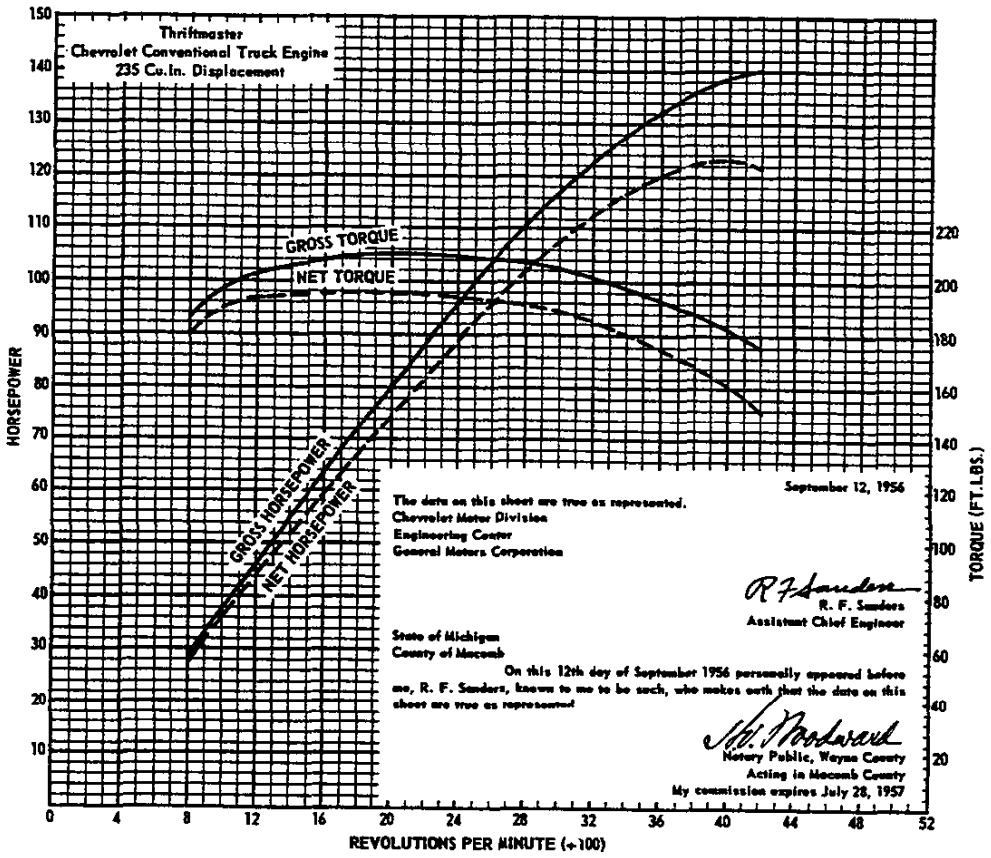
Note: Unless otherwise specified all components tabulated above are included as part of the Four Wheel Drive Equipment option (RPO 690)

% - 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 make to underdrive.

ENGINE PERFORMANCE

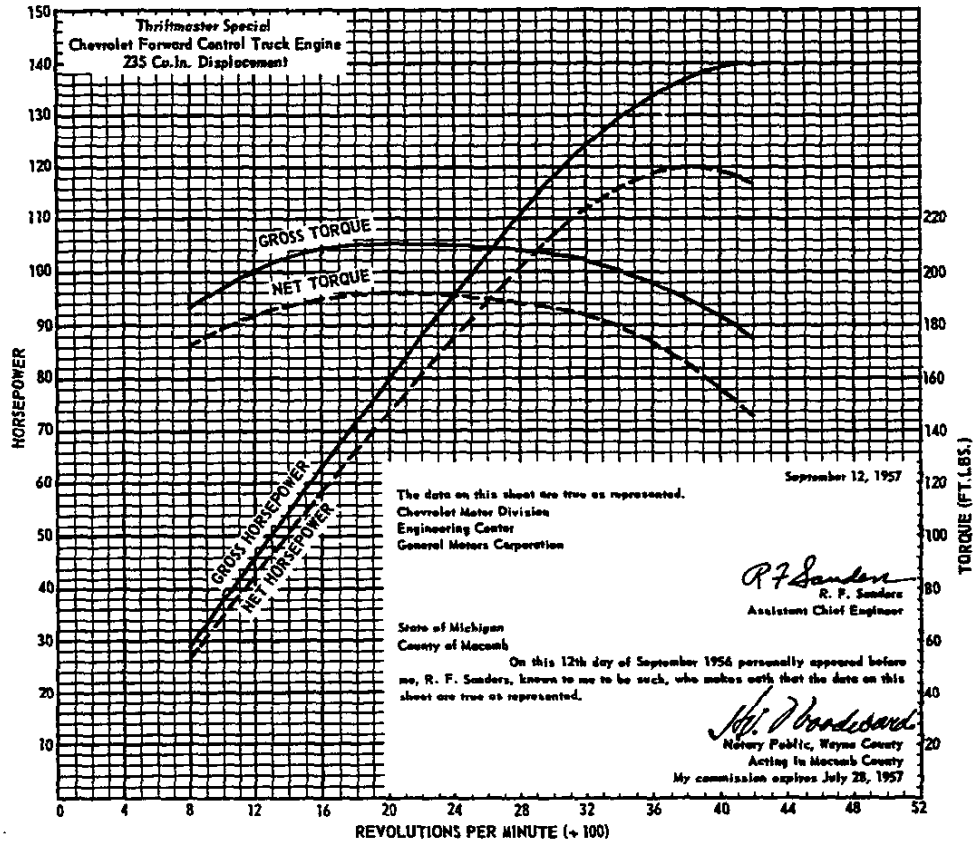


The engine performance curves shown on this sheet are taken from Chevrolet engine test report 17440-18. They represent the full throttle performance of the Chevrolet Thriftmaster six cylinder truck engine 235.5 cubic inch displacement as obtained from dynamometer test data corrected to standard barometric 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.

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 17440-18. 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 regular 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 3600	3400-3500 3700	3800	4000
Piston displacement (cubic inches)		235.5			
Bore and stroke		3.563 x 3.938			
Type		Valve-in-head			
Compression ratio		8.0:1			
Taxable (SAE horsepower)		30.42			
Idling speed (RPM)		Manual shift trans. 475 in neutral; auto. trans 425 in drive			
Compression pressure (engine hot)		130			
Dry weight (pounds)	Engine and clutch	612	630	612	618
	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	140@ 4200	140@ 4200
Gross torque	210@ 2000	210@ 2000
Net horsepower	123@ 4000	120@ 3800
Net torque	195@ 2000	192@ 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---------- Precsion, removable
Clearance, bearings 1 & 2 ---------- .0008-.0024
bearings 3 & 4 ---------- .0010-.0026
End thrust against bearing ---------- # 3
Material -------- Steel backed sintered copper nickel matrix with a thin lead alloy overlay

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 ---------- Steel
driven gear ---------- Aluminum alloy

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 crank pin ---------- 1.2415-1.2435
End play---------- .005-.010
Crank pin bearings
Type --------- Precision, interchangeable insert
Material ----- Steel backed sintered copper nickel matrix with a thin lead alloy overlay
Diameter---------- 2.3132
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 alloy aluminum with steel struts
Type---------- Flat head, tin plated oval, with controlled thermal expansion
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

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 ---------- .0238-.0252
- 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 ---------- 0.4050
  - 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 ---------- 0.4141
  - Angle of seat ---------- 45°
  - Face coating ---------- Aluminized

VALVE SPRINGS
- Spring pressure and length (inlet & exhaust)
  - Valve closed ---------- 74-82lb. @ 1.858
  - Valve opened ---------- 196-208 @ 1.462
  - Valve spring dampers ---------- None

VALVE TAPPETS
- Type ---------- Mechanical
- Rocker ratio ---------- 1.477:1
- Valve lash *
  - Inlet ---------- .006-.011
  - Exhaust ---------- .013-.018

* - *At stabilized oil temperature; to be obtained by running engine at idle for a minimum of 35min.*

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 ---------- 46°
  - Exhaust ---------- 31°

FUEL SYSTEM

FUEL TANK
- Location
  - Cab model ---------- 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

AIR CLEANER
- Make ---------- AC
- Type---------- Oil bath
- Capacity (pints)
  - 3000 & 4000 series regular production ---------- 1
  - 3000 & 4000 series except forward control models RPO 216 ---------- 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
  - 3000 series with auto trans. except foward control models ---------- 7009255
- 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
3000 & 4000 series regular prod. ---------- Manual
3000 series with auto. trans. except forward control models ---------- Automatic
Forward control models and 4000 series with automatic transmission ---------- Manual
Manifold heat control ---------- Thermostatically controlled valve.
Manifold cover ---------- None

OCTANE SELECTOR

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

FUEL PUMP

Make ---------- AC
Model ---------- EM
Type ---------- Diaphragm
Drive ---------- From camshaft
Arm movement ---------- 1/4 at camshaft
Air dome ---------- Yes, outlet
Filter ---------- See fuel tank

EXHAUST SYSTEM

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

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 ---------- On valve rocker cover at front

OIL PUMP

Type ---------- Spur gear
Drive ---------- By camshaft
Capacity (GPM hot oil) ---------- 4.01-4.22 @ 1170-1200 RPM •
Normal oil pressure (hot) ---------- 30 PSI @ 1170-1200 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

COOLING SYSTEM PRESSURE

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

OIL FILTERS (RPO 237)

Make ---------- AC
Model ---------- S6
Capacity (quarts) ---------- 1
Replaceable element model number ---------- P-115
Model ---------- S2
Capacity (quarts) ---------- 2
Replaceable element model number ---------- PC-117

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 all others ---------- Open outlet tube extending from ventilator body into air stream beneath engine provides suction when vehicle is moving.

FAN

Number of blades ---------- 4
Diameter ---------- 20

ENGINE COOLING SYSTEM

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 BELTS

Number ---------- 1
Material ---------- Reinforced rubber
Width ---------- 13/32
Length
3000 series ---------- 41.20
4000 series ---------- 42.33

SHROUD

On 3000 series except forward control models ---------- Included in RPO 255
4000 series ---------- Regular production

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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
Core thickness
Regular production ---------- 2.00
Heavy duty ---------- 2.47
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

THERMOSTAT

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

WATER PUMP

Type ---------- Centrifug
Drive ---------- By fan be
Bearings ---------- Anti-friction, see bearing cha
Seal ---------- Molded rubber, spring loade
Capacity (GPM @ engine RPM) ---------- 55 @ 40

ENGINE ELECTRICAL SYSTEM

GENERATOR

Make ---------- Delco-Remy
Model ---------- 1100326
Rated voltage ---------- 12-15
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 ----- 1.83:1
1.33:1 on 4000 series
Maximum output speed (hot) engine RPM----------
---1520 on all except 4000 series 2232 on 4000 series
Brush spring tension (ounces) ---------- 24-32
Rotation ---------- Clockwise

RPO GENERATOR EQUIPMENT

30 Ampere Generator
Make ---------- Delco-Remy
Model, Conventional steering ---------- 1102042
Hydraulic steering ---------- 1102041
Regulator number ---------- 1119001
40 Ampere Generator
Make ---------- Delco-Remy
Model, Conventional steering ---------- 1106981
Hydraulic steering ---------- 1106982
Regulator number ---------- 1119004

VOLTAGE and CURRENT REGULATOR

Make ---------- Delco-Remy
Model ---------- 1119000
Type ---------- Vibrator
Location ---------- In engine compartment, on right side of dash.
Voltage regulator
Volts ---------- 14.5
Temperature ---------- Operating
Average air gap ---------- .075
Current regulator
Amperes ---------- 25
Temperature ---------- Operating
Average air gap ---------- .075
Cut-out relay closing voltage ---------- 12.8
Average air and point gap ---------- .020

IGNITION SWITCHES

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

STARTER SWITCHES

Forward control models and models equipped wi
automatic transmission ---------- Solenoid ty
All other ---------- Direct contact ty

STARTING OPERATION

Forward control models and models equipped wi
automatic transmission ------ Put transmission
netural position, turn ignition key to extre
right.
All others ---------- Put transmission in neutr
position, turn ignition switch to on position,
depress starter pedal.

STARTING MOTOR

Make ---------- Delco-Re
Model,
Forward control models reg. prod. ------ 1107
All others regular production ---------- 1107
All models with automatic transmission--- 1107
Pinion meshes ---------- From front of flywh
Number of starter pinion teeth ----------
Number of flywheel teeth ----------
Gear ratio (flywheel to starter) ---------- 18.6
TEST DATA (No load test)
Starter 1107652
Volts ---------- 1
Amperes (maximum) ----------
RPM (minimum) ---------- 6

Starter 1107634
Volts ---------- 1
Amperes (maximum)----------
RPM (minimum)---------- 6

BATTERY

Make ---------- Delco
Model,
Regular production all except school bus ---------- 2 SMR 53-W
Regular production school bus and RPO all others - ---------- 3 SMR 72-W
Dimensions 2 SMR 53-W
Length at top ---------- 10.19
Width at top ---------- 6.75
Height (overall) ---------- 8.84
Dimensions 3 SMR 72-W
Length at top ---------- 11.97
Width at top ---------- 6.75
Height overall ---------- 8.84
Capacity @ 20 hour rate, 2 SMR 53-W ---------- 53 ampere hours
Capacity @ 20 hour rate, 3 SMR 72-W ---------- 72 ampere hours
Number of cells ---------- 6
Plates per cell, 2 SMR 53-W ---------- 9
3 SMR 72-W ---------- 11
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 and location ------ Steel ball in flywheel
Firing order ---------- 1-5-3-6-2-4

COIL

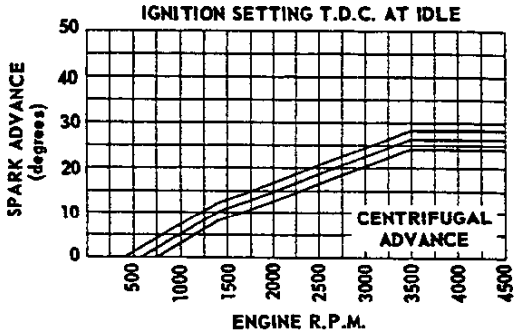
Make ---------- Delco-Remy
Model ---------- 1115085
Location ---------- On right side of engine
Amperes drawn ---------- 4.0 engine stopped, 1.8 engine idling (500 RPM).
Resistor type ---------- External

DISTRIBUTOR

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

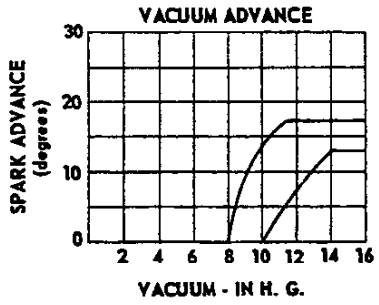
CENTRIFUGAL SPARK ADVANCE CURVE

Advance begins	Full advance
450-750 engine RPM	24° to 28° at 3500 engine RPM

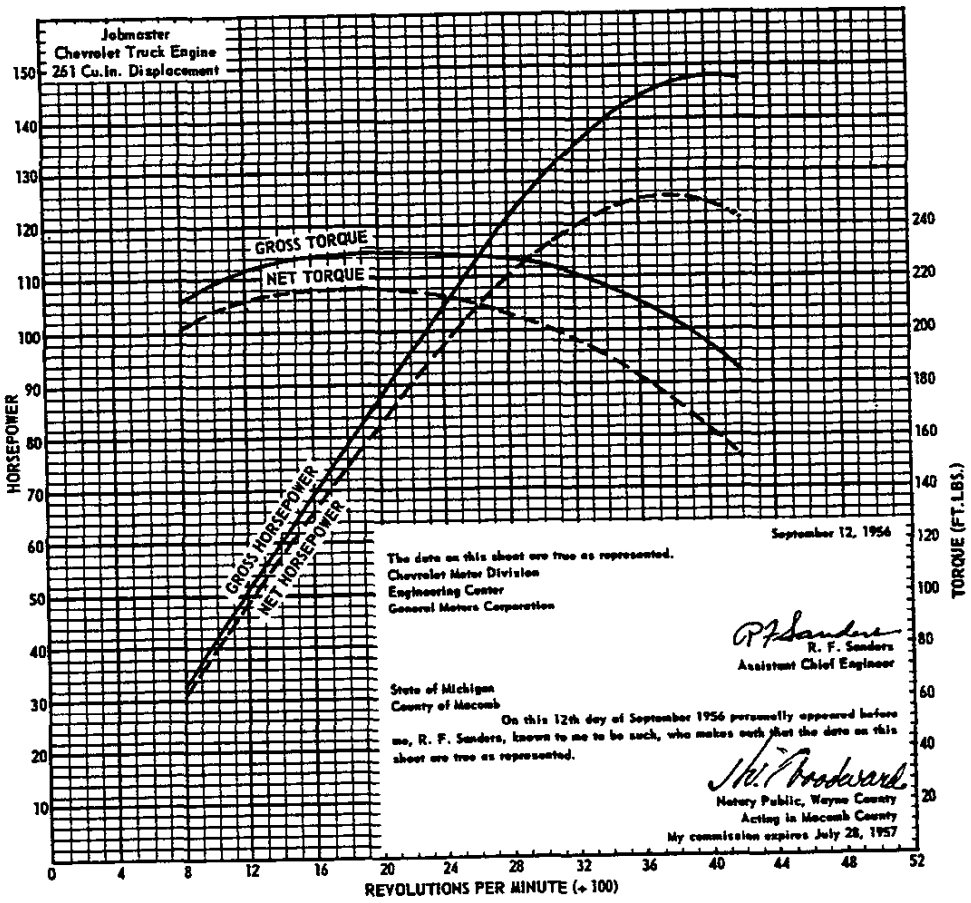


VACUUM ADVANCE CURVE

Advance begins	Full advance
8 to 10 inches of mercury	13° to 17° at 11.5 to 14 inches of mercury



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.

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.

NET POWER and TORQUE were obtained from a dynamometer test simulating actual operating condition 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 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		7.8:1	
Taxable (SAE) horsepower		33.75	
Idling speed RPM		Manual shift trans. 475 in neutral; auto trans. 425 in drive	
Compression pressure (engine hot)		130	
Dry weight (pounds)	Engine and clutch	621	625
	With transmission	781	785
Governor equipment		RPO 241	

ADVERTISED MAXIMUM ENGINE PERFORMANCE

ITEM		6000 Series
Horsepower	Gross	148@4000RPM
	Net	125@3800RPM
Torque (lb. ft.)	Gross	232@2000RPM
	Net	216@2000RPM

ENGINE COMPONENTS

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 ---------- Steel backed sintered copper nickel matrix with a thin lead alloy overlay.

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

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 crank pin ---------- 1.2415-1.2435
End play ---------- .005-.010
Crankpin bearings
Type---------- Precision, interchangeable insert
Material ---------- Steel backed sintered copper nickel matrix with a thin lead alloy overlay.
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 ---------- Formed flat spring 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

EXHAUST
- Material ---------- High alloy steel
- Overall length ---------- 4.913-4.933
- Overall head diameter ---------- 1.495-1.505
- Stem diameter ---------- 0.3410-0.3417
- Lift ---------- 0.4141
- Angle of face ---------- 45°
- Face coating ---------- None

VALVE SPRINGS
- Spring pressure and length (inlet & exhaust),
  - Valve closed ---------- 74-82 lb. @ 1.858
  - Valve opened ---------- 196-208 lb. @ 1.462
  - Valve spring dampers ---------- None

VALVE TAPPETS
- Type ---------- Mechanical
- Rocker ratio ---------- 1.477:1
- Valve lash *
  - Inlet ---------- .006-.011
  - Exhaust ---------- .019-.024

* - At stablized oil temperature, to be obtained by running engine at idle for a minimum of 35 minutes

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 ---------- 46°
  - Exhaust ---------- 31°

LUBRICATION SYSTEM

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 ---- On valve rocker cover at front

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 ---------- 7.5
  refill ---------- 7

3-1-57 • - Data revised 5-15-57

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

LUBRICANT

Temperature	Grade
32°F ----------	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 thru flow
- Mounting ---------- Single point
- Exhaust pipe outside diameter ---------- 2.00
- Tail pipe inside diameter ---------- 1.82

CRANKCASE VENTILATION
- Type ---------- Positive, vacuum operated, close 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 ---------- Choke
- 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.

RADIATOR
- Make ---------- Harrison
- Type, regular production ---------- Cellular
  - with Powermatic ---------- Tube and center
- Capacity (quarts) regular production ---------- 17
  - with Powermatic ---------- 20
- Core thickness, regular production ---------- 2.47
  - with Powermatic ---------- 2.62
- Frontal area (sq. in.) regular production ---------- 469.17
  - Powermatic ---------- 530.33

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 ---------- 20

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

Shroud ---------- Regular production

FUEL SYSTEM

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

CARBURETOR
- Make ---------- Rochester
- Model ---------- 7005140
- Type ---------- Downdraft
- 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

GENERATOR
- Make ---------- Delco-Remy
- Model ---------- 1100326
- 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 ---------- 2220
- Brush spring tension (ounces) ---------- 24-32
- Rotation ---------- Clockwise

RPO GENERATOR EQUIPMENT

30 Ampere generator
- Make ---------- Delco-Remy
- Model,
  - Conventional steering ---------- 1102042
  - Power steering ---------- 1102041
- Regulator number ---------- 1119001

40 Ampere generator
- Make ---------- Delco-Remy
- Model
  - Conventional steering ---------- 1106981
  - Power steering ---------- 1106982
- Regulator number ---------- 1119004

* - 3.62 on forward control models. ¢ - 1.83 on forward control models

VOLTAGE and CURRENT REGULATOR

Make ---------- Delco-Remy
Model ---------- 1119000
Type ---------- Vibrator
Location ---------- In engine compartment, on left side of dash.
Voltage regulator
Volts ---------- 14.5
Temperature ---------- Operating
Average air gap ---------- .075
Current regulator
Amperes ---------- 25
Temperature ---------- Operating
Average air gap ---------- .075
Cut-out relay closing voltage ---------- 12.8
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 ---------- 10.3
Amperes (maximum) ---------- 75
RPM (mininum) ---------- 6900
No load test data (1107652)
Volts ---------- 10.6
Amperes (maximum) ---------- 76
RPM (mininum) ---------- 6200

BATTERY

Make ---------- Delco
Model,
Regular production all except school bus ---------- 2 SMR 53-W
Regular production school bus RPO all others ---------- 3 SMR 72-W
Dimensions, 2 SMR 53-W
Length at top ---------- 10.19
Width at top ---------- 6.75
Height overall ---------- 8.84
Dimensions, 3 SMR 72-W
Length at top ---------- 11.97
Width at top ---------- 6.75
Height overall ---------- 8.84
Capacity @ 20 hour rate, 2 SMR 53-W ---------- 53 ampere hours
Capacity @ 20 hour rate, 3 SMR 72-W ---------- 72 ampere hours
Number of cells ---------- 6
Plates per cell, 2 SMR 53-W ---------- 9
3 SMR 72-W ---------- 11
Ground ---------- Negative terminal
Location ---------- On right side of dash under hood

SPARK PLUG

Make ---------- AC
Model ---------- C 42-1 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

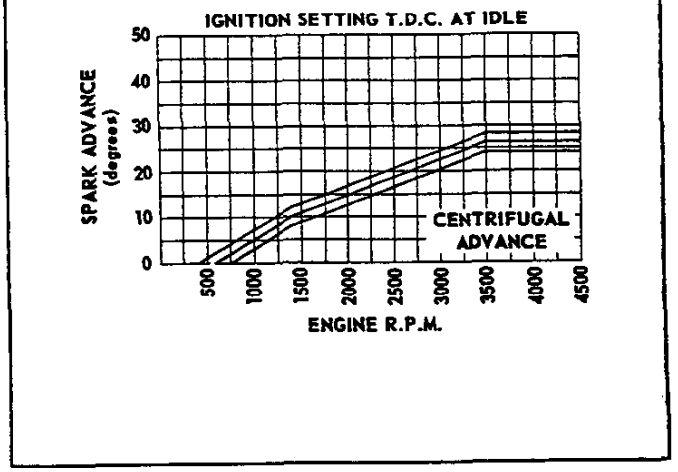
Make ---------- Delco-Remy
Model ---------- 1115085
Location ---------- On right side of engine
Amperes drawn ---------- 4.0 engine stopped, 1.8 engine idling.
Resistor type ---------- External

DISTRIBUTOR

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

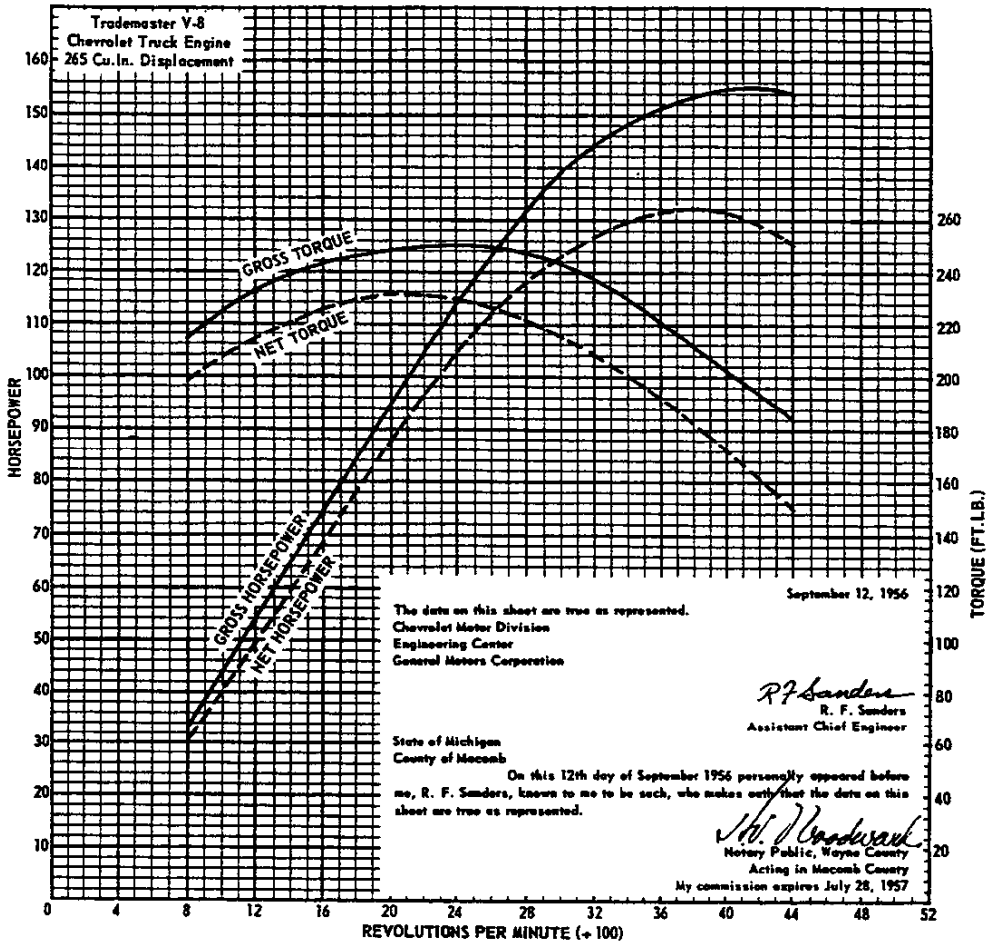
CENTRIFUGAL SPARK ADVANCE CURVE

Advance begins	Full advance
450-750 engine RPM	24° to 28° at 3500 engine RPM



For vacuum advance curve see page 176

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.

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.

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.

8-CYLINDER 265 CUBIC INCH ENGINE

BASIC ENGINE DATA

ITEM		31-32-3600	34-35-3700	3800	4000
Piston displacement (cubic inches)		265			
Bore and stroke (nominal)		3.750 x 3.00			
Type		Valve-in-head			
Compression ratio		8.0:1			
Taxable (SAE) horsepower		45			
Idling speed RPM		Manual shift transmission, 475 in neutral			
Compression pressure (engine hot)		150			
Dry weight (pounds)	Engine and clutch	600	604	602	602
	With transmission	666	670	750	761
Governor equipment		RPO 241			

ADVERTISED MAXIMUM ENGINE PERFORMANCE

ITEM		
Horsepower	Gross	155@4200 RPM
	Net	132@3800 RPM
Torque (lb. ft.)	Gross	250@2400 RPM
	Net	200@2000 RPM

ENGINE COMPONENTS

CYLINDER CASE and HEAD

Material ---------- Cast alloy iron
Bore diameter ---------- 3.7495-3.7525
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
Counterweights ---------- 6
Stroke ---------- 2.995-3.005
Journal diameters
1 thru 5 ---------- 2.2978-2.2988
Crankpin journals
Width ---------- 1.898-1.902
Diameter ---------- 1.999-2.000

MAIN BEARINGS

Material ---------- Steel backed sintered copper nickel matrix with a thin lead alloy overlay.
Type ---------- Precision, removable
End thrust ---------- Against #5 bearing
Bearing dimensions

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

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

TIMING CHAIN

Make ---------- Link Belt
Number of links ---------- 46
Width ---------- 0.875
Pitch ---------- 0.500
Thrust ---------- Carried rear ward against the face of the cylinder case at the front camshaft bearing.

CONNECTING RODS

Material ---------- Forged steel
Weight (ounces) ---------- 19.02
Rod width at piston pin ---------- 1.007-1.011
Rod width at crankpin ---------- 0.944-0.945
Length center to center ---------- 5.699-5.701
Crankpin bearings
Type ---------- Precision, interchangeable insert
Material ----- Steel backed sintered copper nickel matrix with a thin lead alloy overlay.
Theoretical inside bearing diameter ------ 2.0012
Effective bearing length ---------- 0.817
Project bearing area per rod ---------- 1.635
End play ---------- .008-.014

PISTON

Type ---------- Slipper skirt, flat head, tin plated oval with controlled thermal expansion.
Top land clearance ---------- .035-.043
Compression ring groove depth ----- 0.2117-0.2183
Oil ring groove depth ---------- 0.2042-0.2108
Weight (ounces) ---------- 18.1
Material ----- Cast aluminum alloy with steel struts

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

ENGINE COMPONENTS - Continued

COMPRESSION RINGS
- Type (upper & lower) ---- Inside bevel or counterbored
- Material, upper ---------- Cast alloy iron with flash chrome plate on out side diameter.
- Material, lower ---------- Cast alloy iron with wear resistant coating.
- Width ---------- .077-.078
- Gap ---------- .009-.018
- Wall thickness ---------- .177-.187

OIL RING
- Segment
  - Material ---------- Spring steel
  - Width ---------- .0238-.0252
  - Gap ---------- .015-.055
  - Wall thickness ---------- 0.165-0.171
- Expander
  - Material ---------- Stainless steel
  - Width ---------- 0.1715-0.1815
  - Total width of oil ring ---------- 0.1885

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 ---------- 0.3346
  - Angle of seat ---------- 45°
  - 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 ---------- .0015-.0032
- Lift ---------- 0.3346
- Angle of seat ---------- 45°
- Face coating ---------- Aluminized

VALVE SPRINGS
- Spring pressure and length (inlet & exhaust)
  - Valve closed ---------- 76-84lb.@ 1.696
  - Valve opened ---------- 155-165@ 1.366
- Valve spring dampers ---------- None

VALVE TAPPETS
- Type ---------- Hydraulic
- Rocker ratio ---------- 1.5:1
- Valve lash (inlet & 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)
- Inserts ---------- None
- Seat angle in head
  - Inlet ---------- 46°
  - Exhaust ---------- 46°

ENGINE LUBRICATION SYSTEM

LUBRICATION
- Type ---------- Pressure
- Main bearings ---------- Direct pressure
- Camshaft ---------- 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 and gravity
- Oil filler location ----------Tube and breather cap attached to front of in take manifold.

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

OIL PUMP
- Type ---------- Spur gear
- Drive ---------- From camshaft
- Capacity (GPM hot) 4.01-4.20@1170-1200 RPM•
- Normal oil pressure (hot)30PSI@1170-1200 RPM•
- Oil pressure gauge type ---------- Electric
- Oil intake type ---------- Fixed
- Crankcase capacity (quarts) dry ---------- 4.5
  - refill ---------- 4

LUBRICANTS

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

CRANKCASE VENTILATION
- Type ---------- Road draft

ENGINE COOLING SYSTEM

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

THERMOSTAT
- Make ---------- Harrison
- Type ---------- Choke
- Valve begins to open at ---------- 157° to 163F
- Valve fully opened at ----------183°F

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

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ENGINE COOLING SYSTEM - Continued

RADIATOR

Make ---------- Harrison
Type ---------- Cellular
Capacity (quarts)
3000 series regular production ---------- 17.5
3000 series except forward control models, heavy duty equipment ---------- 18
4000 series regular production ---------- 18
4000 series heavy duty equipment ---------- 18.5
Core thickness
3000 series regular production ---------- 2.00
3000 series except forward control models, heavy duty equipment ---------- 2.47
4000 series regular production ---------- 2.00
4000 series heavy duty equipment ---------- 2.47
Core constant
3000 series regular production ---------- 0.25x0.56
3000 series except forward control models, heavy duty equipment ---------- 0.20x0.56
4000 series regular production ---------- 0.22x0.56
4000 series heavy duty equipment ---------- 0.20x0.56
Frontal area (square inches)
3000 series regular production ---------- 426.13
3000 series except forward control models, heavy duty equipment ---------- 470.35
4000 series regular production and heavy duty equipment ---------- 470.35

RADIATOR HOSES

Location, inlet ---------- Thermostat housing to radiator
outlet ---------- Water pump to radiator
Inside diameter inlet ---------- 1.5
outlet ---------- 1.76
Material ---------- Fabric reinforced rubber
Spring reinforcement, inlet ---------- No
outlet ---------- Yes

FAN

Number of blades ---------- Four
Diameter ---------- 19.0

FAN BELT

Number of belts ---------- One
Material ---------- Reinforced rubber
Width ---------- 0.4062
Length
3000 series except forward control models ----------
---------- 55.33
3000 series forward control models ---------- 57.00

SHROUD

3000 series ---------- None
4000 series ---------- Regular production

ENGINE FUEL SYSTEM

FUEL TANK

Location
3000 series except forward control models, chassis and single unit copies ---------- Inside of frame on right side.
3000 series forward control models and 4000 series ---------- Outside of frame on right side
Construction
3000 & 4000 series except 4502 ---------- Two piece seam welded
4502 ---------- Three piece, seam welded
Capacity (gallons)
3000 & 4000 series cab models ---------- 17.5
3000 series except 34-35-3700 models, chassis and single unit bodies ---------- 17
3400 ---------- 15
35-3700 ---------- 18
4000 series except 4502, chassis and single unit bodies ---------- 18
4502 ---------- 30
Filler location
Chassis and single unit bodies ---------- On right side
Cab models ---------- Left side
Filter ---------- 40 mesh metal cloth tube mounted on riser pipe.

CARBURETOR

Make ---------- Rochester
Model
Without overdrive transmission ---------- 7011135
With overdrive transmission ---------- 7011132
Type ---------- Two barrel down draft
Size
Venturi throat inside diameter ---------- 1.09
Throttle body inside diameter ---------- 1.44
Choke ---------- Manual
SAE flange size ---------- 1.25

FUEL PUMP

Make ---------- AC
Model ---------- EN
Type ---------- Mechanical
Drive ---------- From camshaft thru pump push rod to rocker arm.
Arm movement at camshaft ---------- 0.340
Air dome ---------- Yes, outlet
Pressure at carburetor (PSI) ---------- 4 to 5-1/4

FUEL FILTER

Make ---------- AC
Model ---------- GF-38

AIR CLEANER

Make ---------- AC
Type ---------- Oil bath
Filter element ---------- Pita fiber
Capacity (pints) ---------- 1

EXHAUST SYSTEM

Muffler
Make ---------- Various
Type ---- Diffusion & resonance, straight thru flow
Size (body outside) ---------- 5.06x21.50
Exhaust pipe outside diameter ---------- 2.00
Tail pipe inside diameter ---------- 1.83
Mounting ---------- Single point

GENERATOR

Make	Delco-Remy
Model	1100326
Type	Two brush, shunt wound
Rating	
Amperes	25
Volts	12-15
Ventilation	By pulley fan
Drive	By fan belt
Pulley size (pitch diameter)	
3000 series	4.58x36°"V"
4000 series	3.62x36°"V"
Brush spring tension (ounces)	24-32
Rotation (drive end)	Clockwise
Generator to engine ratio	
3000 series, except 34-35-3700	1.33:1
34-35-3700	1.83:1
4000 series	1.83:1

RPO GENERATOR EQUIPMENT

30 Ampere generator	
Make	Delco-Remy
Model,	
Conventional steering	1102042
Hydraulic steering	1102041
Regulator number	1119001
40 Ampere generator	
Make	Delco-Remy
Model	
Conventional steering	1106981
Hydraulic steering	1106982
Regulator number	1119004

VOLTAGE AND CURRENT REGULATOR

Make	Delco-Remy
Model	1119000
Type	Vibrator
Location	In engine compartment on left side of dash.
Voltage regulator	
Volts	14.5
Temperature	Operating
Average air gap	.075
Current regulator	
Amperes	25
Temperature	Operating
Average air gap	.075
Cut out relay closing voltage	12.8
Average air and point gap	.020

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	1107674
No load test data (1107664)	
Volts	10.6
Amperes (maximum)	76
RPM (minimum)	6200
No load test data (1107674)	
Volts	10.3
Amperes (maximum)	75
RPM (minimum)	6900

BATTERY

Make	Delco
Model	
Regular product all except school bus	2 SMR 53-W
Reg. production school bus RPO all others	3 SMR 72-W
Dimensions (2 SMR 53-W)	
Length at top	10.19
Width at top	6.75
Height overall	8.84
Dimensions (3 SMR 72-W)	
Length at top	11.97
Width at top	6.75
Height overall	8.84
Capacity at 20 hour rate (2 SMR 53-W)	53 ampere hours
Capacity at 20 hour rate (3 SMR 72-W)	72 ampere hours
Number of cells	6
Plates per cell,	
2 SMR 53-W	9
3 SMR 72-W	11
Ground	Negative terminal
Location	On right side of dash under hood

SPARK PLUG

Make	AC
Model	C 42-1 comm •
Thread size	14 mm
Recommended gap	.033-.038
Recommended torque (lb. ft.)	20-25

ENGINE TIMING

Timing spark advance (initial setting)	4°BTDC
Timing mark location	On harmonic balancer
Firing order	1-8-4-3-6-5-7-2

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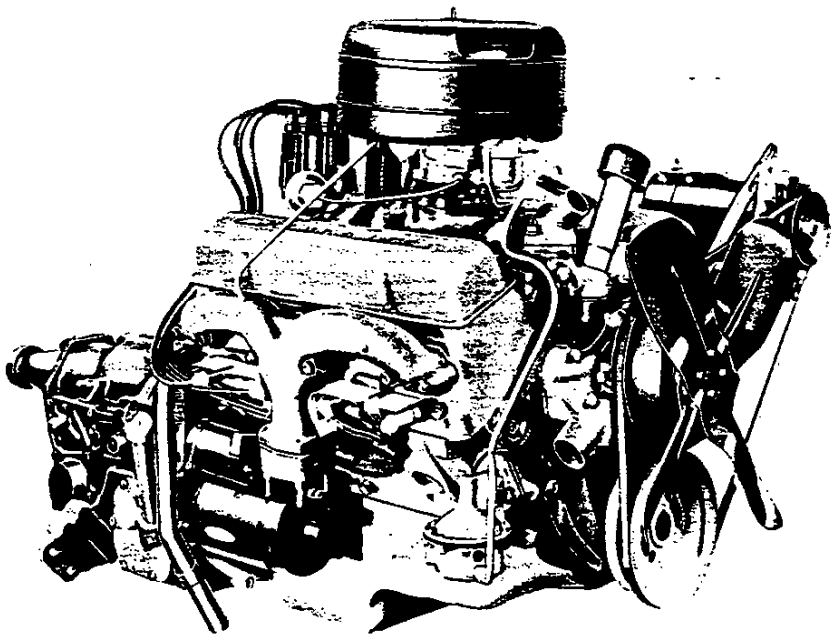


DISTRIBUTOR

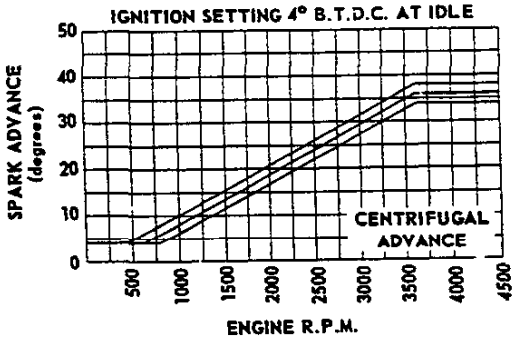
Make	Delco-Remy
Model	1110874
Cam angle	28°-32°
Breaker arm tension (ounces)	19-23

COIL

Make	Delco-Remy
Model	11508
Resistor type	Externa
Location	At rear of intake manifol

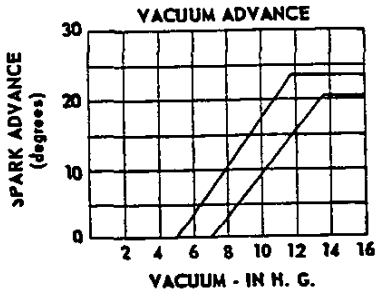
CENTRIFUGAL SPARK ADVANCE CURVE

Advance begins	Full advance
425-800 engine RPM	34°-38° at 3600 engine RPM and up

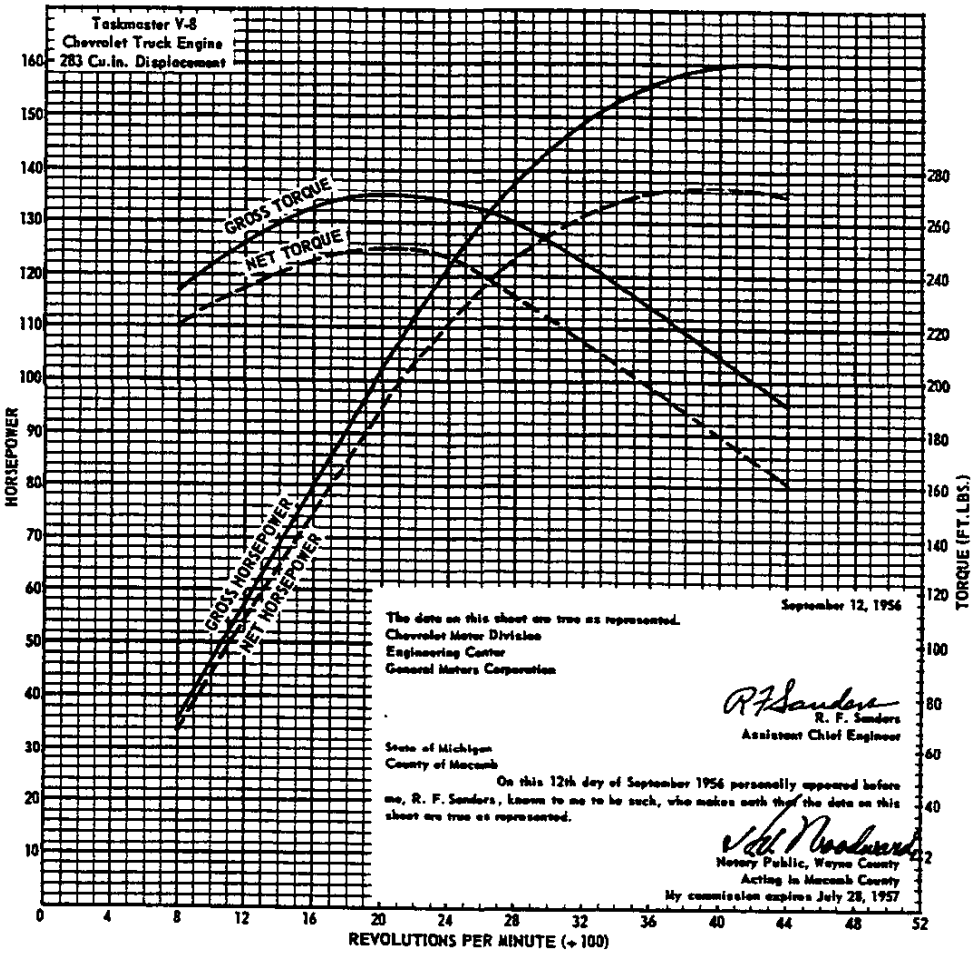


VACUUM ADVANCE CURVE

Advance begins	Full advance
5 to 7 inches of mercury	20.5° to 23.5° at 11.75 to 13.75 inches of mercur



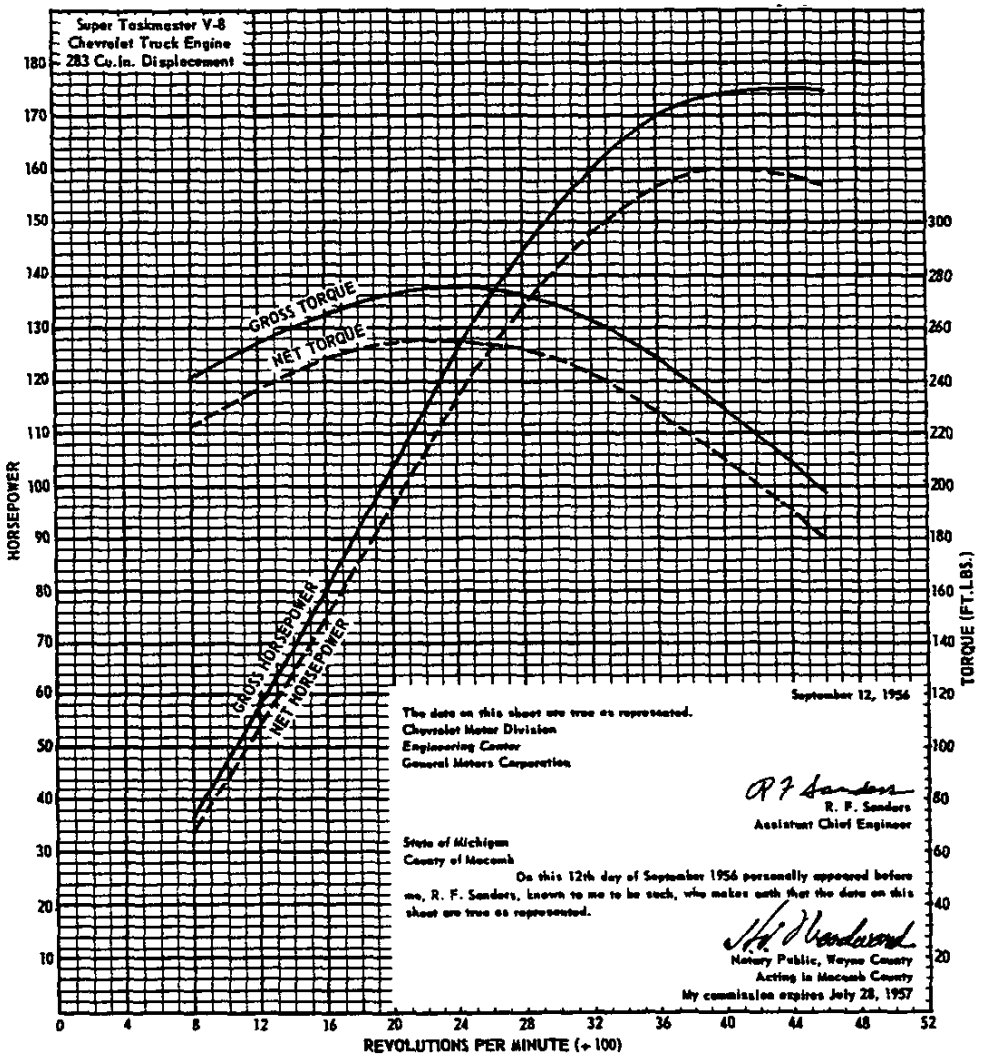
ENGINE PERFORMANCE



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.

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.

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.



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.

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.

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.

8-CYLINDER 283 CUBIC INCH ENGINE

BASIC ENGINE DATA

ITEM		5000	6000 RPO	7000	8000
Piston displacement (cubic inches)		283.0			
Bore and stroke (nominal)		3.875x3.00			
Type		Valve-in-head			
Compression ratio		8.0:1			
Taxable horsepower (SAE)		48			
Idling speed		Manual trans. 475 in neutral; Auto trans. 425 in drive			
Compression pressure (engine hot)		140			
Dry weights (pounds)	Engine and clutch	607	605	619	607
	With transmission	767	764	779	767
Governor equipment		Regular equipment			

ADVERTISED MAXIMUM ENGINE PERFORMANCE

ITEM		5000-6000-7000-8000 Series x
Horsepower	Gross	160@4200 RPM
	Net	137@4000 RPM
Torque (lb. ft.)	Gross	270@2000 RPM
	Net	250@2000 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
Counterweights ---------- 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 (all except rear) ---------- Steel backed aluminum alloy matrix with a thin lead alloy overplate.
Material (rear) ---------- Steel backed babbitt
Type ---------- Precision, removable
End thrust against bearing ---------- #5
Bearing dimensions

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

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 CHAIN

Make ---------- Link Belt
Number of links ---------- 46
Width ---------- 0.875
Pitch ---------- 0.500
Thrust ---------- Carried rearward against the face of the crankcase at the front camshaft ▼ bearing.

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 ---------- Steel backed aluminum alloy matrix with a thin lead alloy over plate
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

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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
- Segment
  - Material ---------- Spring steel with a chrome plated outside diameter.
  - Width ---------- .0235-.0250
  - Gap ---------- .015-.055
  - Wall thickness ---------- 0.154-0.160
- Expander
  - Material ---------- Stainless steel
  - Width ---------- 0.177-0.182
- Total width of oil ring ---------- 0.1885

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 ---------- 0.3346
  - Angle of seat ---------- 45°
  - Face coating ---------- 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 ---------- 0.3346
  - Angle of seat ---------- 45°
  - Face coating ---------- None
  - Rotators ---------- 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 ---------- Yes

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)
- 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 and gravity

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

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 guage type ---------- Electric
- Oil intake type ---------- Fixed
- Crankcase capacity (quarts)
  - Dry ---------- 5.5
  - Refill ---------- 5

LUBRICANTS

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 ---------- Positive

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ENGINE COOLING SYSTEM

TYPE ---------- Pressure
Radiator cap opens at (PSI) ---------- 9

RADIATOR
Make ---------- Harrison
Type
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)
5000 series except Powermatic ---------- 18
5000 series with Powermatic ---------- 21
6000 series except 6242 & 6642 & Powermatic ----- ---------- 18
6242 & 6642 ---------- 17
6000 series with Powermatic ---------- 21
7000 & 8000 series ---------- 23.5

Core thickness
5000 series except Powermatic ---------- 2.47
5000 series with Powermatic ---------- 2.62
6000 series except Powermatic ---------- 2.47
6000 series with Powermatic ---------- 2.62
7000 series ---------- 2.62
8000 series ---------- 2.62
Core constant
5000 series except Powermatic ---------- .20x.56
5000 series with Powermatic ---------- .20x.55
6000 series except Powermatic ---------- .20x.56
6000 series with Powermatic ---------- .20x.55
7000 & 8000 series ---------- .20x.55
Frontal area (square inches)
5000 series except Powermatic ---------- 469.17
5000 series with Powermatic ---------- 530.33
6000 series except 6242, 6642; and Powermatic ----- ---------- 469.17
6000 series with Powermatic ---------- 530.33
6242 & 6642 ---------- 470.35
7000 series ---------- 582.18
8000 series ---------- 530.33

THERMOSTAT
Make ---------- Harrison
Type ---------- Choke
Valve begins to open at ---------- 157°-163° F
Valve fully opened at ---------- 183° F

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 ---------- 1.5
Outlet ---------- 1.76
Material ---------- Fabric reinforced rubber
Spring reinforcement
Inlet ---------- No
Outlet ---------- Yes

FAN
Number of blades ---------- 5
Diameter ---------- 20.00

FAN BELT
Number of belts
5-6-7-8000 except 6242 & 6642 ---------- Two
Material ---------- Reinforced rubber
Width
5-6000 series ---------- 0.3125
7000 series ---------- 0.4062
8000 series ---------- 0.3125
Length
5-6000 series ---------- 57.00
7000 series ---------- 55.77 & 43.50
8000 series ---------- 57.00

SHROUD
5-6-7-8000 series ---------- Regular production

FUEL SYSTEM

FUEL TANK
Location
Chassis models ---- Outside of frame on right side
Cab models ---------- Behind seat
Type of construction
All except school bus & 6242 & 6642 ---------- ---------- Two piece, seam welded
School bus and 6242 & 6642 ---------- ---------- Three piece, seam welded
Capacity (gallons)
5000 series ---------- 17.5
6000 series cab models ---------- 17.5
6000 series chassis models except school bus and 6242 & 6642 ---------- 18
School bus, 6242 & 6642 ---------- 30
7-8000 series except school bus ---------- 21.5

Filler location
Chassis models ---------- On right side
Cab models ---------- On left side
Fuel gauge
Make ---------- AC
Type ---------- Electric
Filter ---------- 40 mesh metal filter cloth mounted on end of riser tube.

AIR CLEANER
Make ---------- AC
Type ---------- Oil bath
Filter element material
5 & 7000 series ---------- Pita fibre
8000 series ---------- Cactus fibre
Capacity (pints) ---------- 2

3-1-57 ● - Data revised 5-15-57

FUEL SYSTEM - Continued

CARBURETOR

Make	Rochester
Model	7011143
Type	Two barrel, downdraft
Size	
Venturi throat inside diameter	1.09
Throttle body inside diameter	1.43
Choke	Manual
SAE flange size	1.25

FUEL FILTER

Make	AC
Model	GF-38

FUEL PUMP

Make	AC
Model	EN
Type	Diaphragm
Drive	From camshaft thru pump push rod to pump rocker arm.
Arm movement	0.340 at, camshaft
Air dome	Yes, outlet
Pressure at carburetor (PSI)	4 to 5-1/4

EXHAUST SYSTEM

Make	Various
Type	Diffusion & resonance, straight thru flow.
Size (body outside)	5.07 x 34.25
Exhaust pipe outside diameter	2.576
Tail pipe inside diameter	1.809
Mounting	Single point

ELECTRICAL SYSTEM

GENERATOR

Make	Delco-Remy
Model	1100326
Type	Two brush, shunt wound
Rating	
Volts	12
Amperes	25
Ventilation	By pulley fan
Pulley size (pitch diameter)	5.00x36° "V"
Brush spring tension (ounces)	24-32
Rotation (drive end)	Clockwise
Generator to engine ratio	1.33:1

RPO GENERATOR EQUIPMENT

30 Ampere generator	
Make	Delco-Remy
Model	
Conventional steering	1102042
Hydraulic steering	1102041
Regulator number	1119001
40 Ampere generator	
Make	Delco-Remy
Model	
Conventional steering	1106981
Hydraulic steering	1106982
Regulator number	1119004

VOLTAGE and CURRENT REGULATOR

Make	Delco-Remy
Model	1119000
Type	Vibrator
Location	In engine compartment on left side of dash.
Voltage regulator	
Volts	14.5
Temperature	Operating
Average air gap	.075
Current regulator	
Amperes	25
Temperature	Operating
Average air gap	.075
Cut out relay closing voltage	12.8
Average air and point gap	.020

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	1107670
No load test data (1107664)	
Volts	10.6
Amperes (maximum)	75
RPM (minimum)	6200
No load test data (1107670)	
Volts	10.6
Amperes (maximum)	75
RPM (minimum)	6200

COIL

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

BATTERY

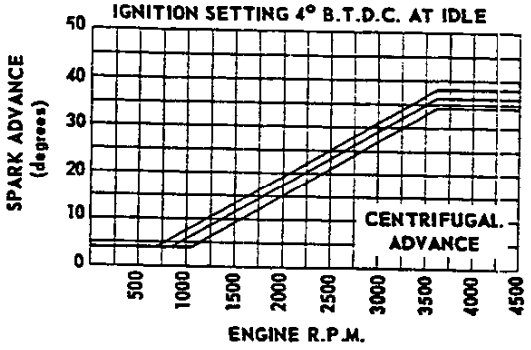
Make ---------- Delco
Models
Regular production all except school bus ----------
---------- 2 SMR 53-W
Regular production school bus RPO all others-----
---------- 3 SMR 72-W

Dimensions (2 SMR 53-W)
Length at top ---------- 10.19
Width at top ---------- 6.75
Height overall ---------- 8.84
Dimensions (3 SMR 72-W)
Length at top ---------- 11.97
Width at top ---------- 6.75
Height at top ---------- 8.84

Capacity at 20 hour rate (2 SMR 53-W) ----------
---------- 53 ampere hours
Capacity at 20 hour rate (3 SMR 72-W) ----------
---------- 72 ampere hours

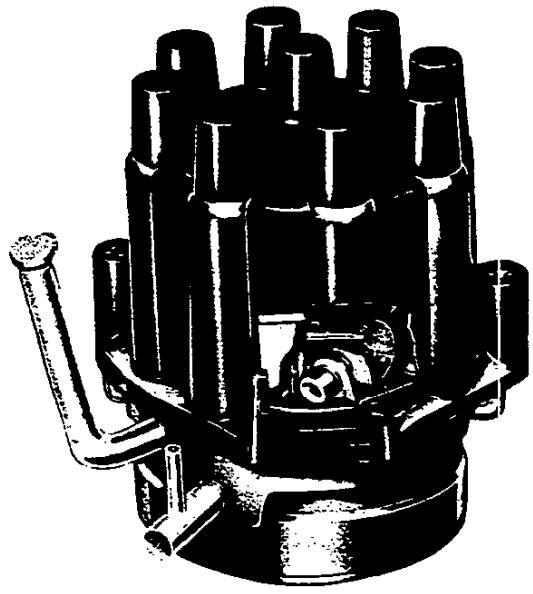
Number of cells ---------- 6
Plates per cell
2 SMR 53-W ---------- 9
3 SMR 72-W ---------- 11
Ground---------- Negative terminal
Location ---------- On right side of dash under hood

CENTRIFUGAL SPARK ADVANCE CURVE	
Advance begins	Full advance
425-800 engine RPM	34°-38° at 3600 engine RPM and up



SPARK PLUG

Make ---------- AC
Model ----------C 42-1 comm •
Thread size ---------- 14 mm
Recommended gap ---------- .033-.038
Recommended torque (lb. ft.) ----------20-25



ENGINE TIMING

Timing spark advance (initial setting) ------ 4° BTDC
Timing mark location --------- On harmonic balancer
Firing order ---------- 1-8-4-3-6-5-7-2

DISTRIBUTOR

Make ---------- Delco-Remy
Model ---------- 1112349
Cam angle ---------- 26°-33°
Breaker arm tension (ounces) ----------19-23

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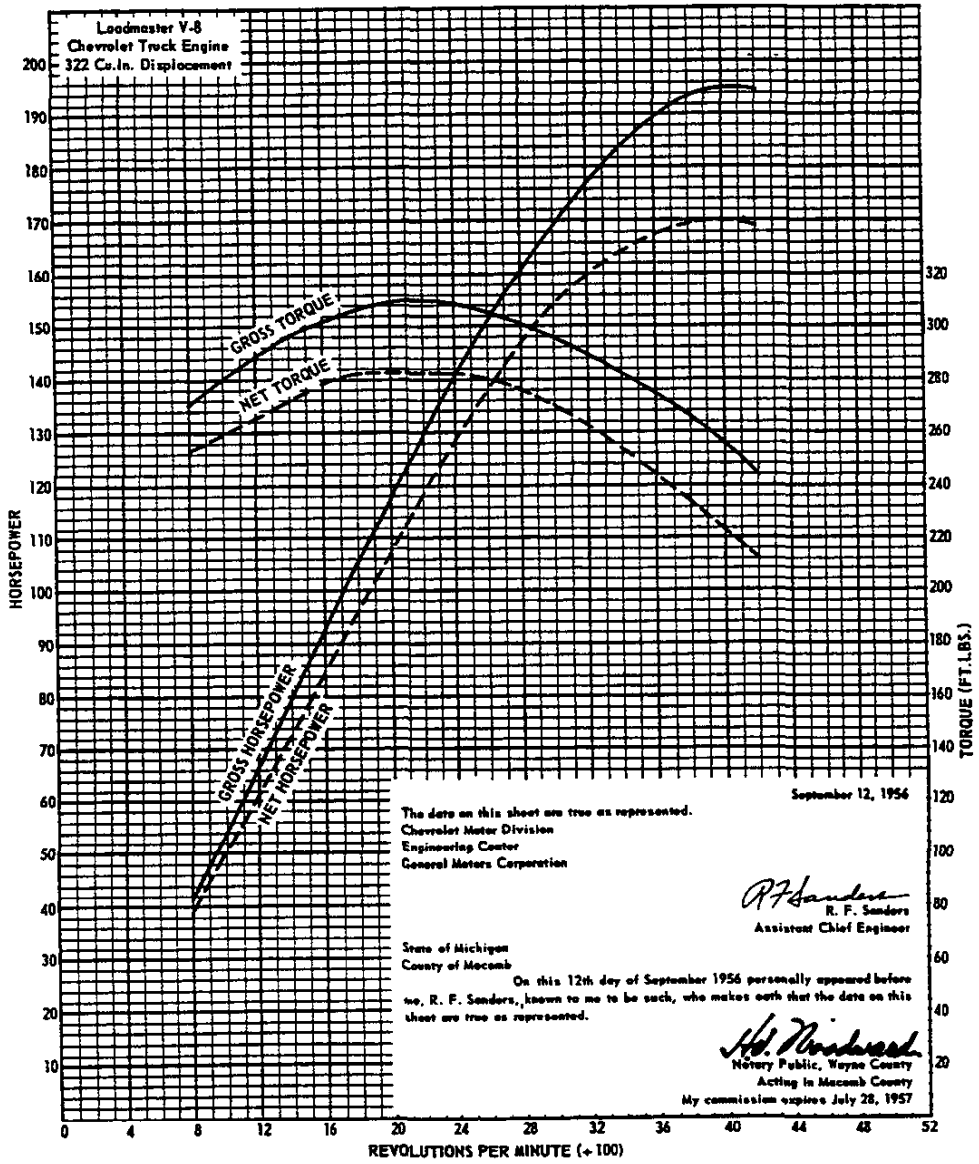
ENGINE PERFORMANCE

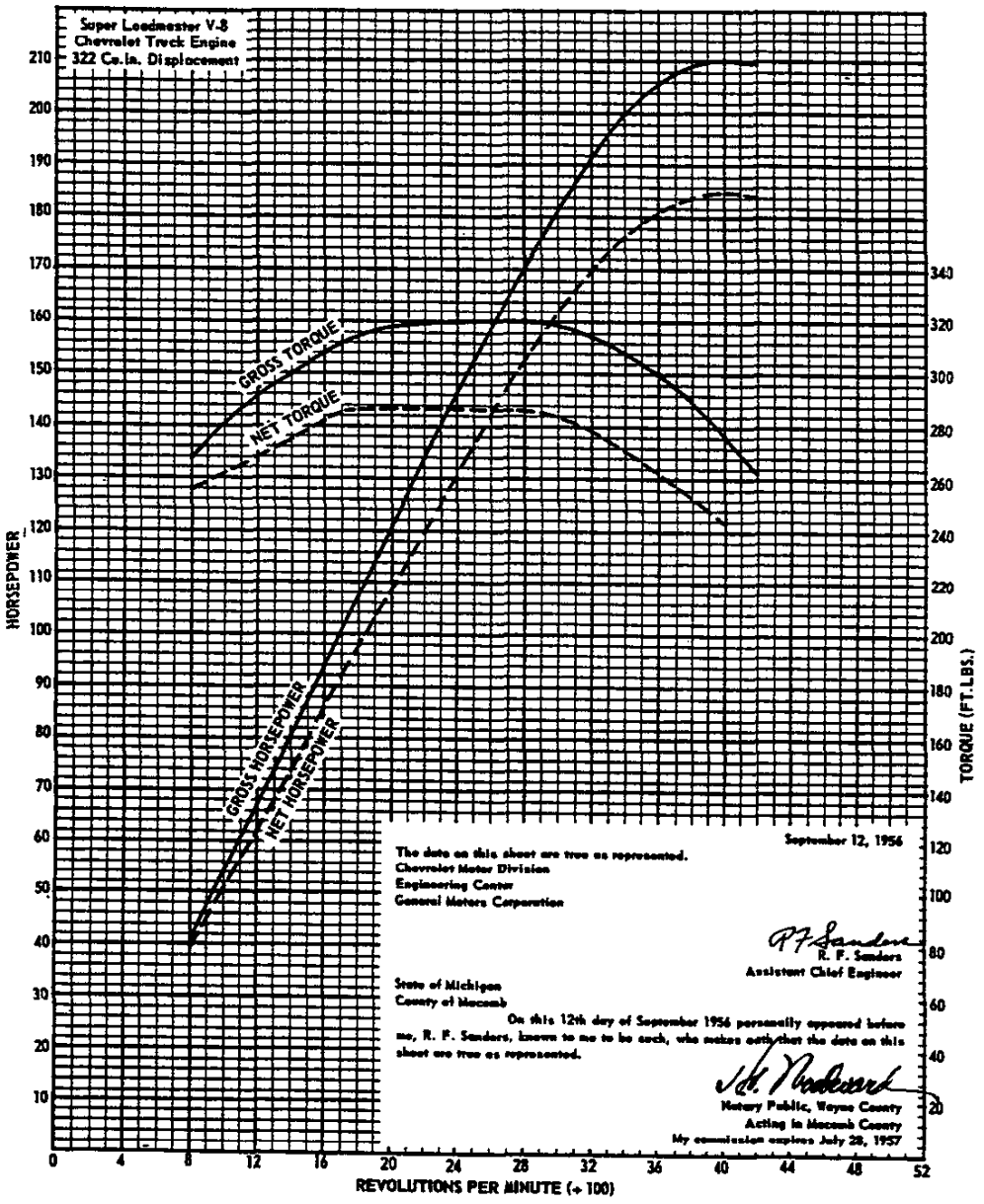


The engine performance curves shown on this sheet are taken from Chevrolet engine test report 17940-3. They represent the full throttle performance of a Chevrolet 8 cylinder truck engine 322 cubic inch displacement as obtained from dynamometer test data corrected to standard barometric pressure 29.92 inches of mercury and the standard temperature of 60° F.

GROSS POWER nad TORQUE were obtained in a regular 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.

ENGINE PERFORMANCE



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8-CYLINDER 322 CUBIC INCH ENGINE

BASIC ENGINE DATA

ITEM		9000	10000 except tandems	10000 Tandems
Piston displacement (cubic inches)		322		
Bore and stroke (nominal)		4.00x3.2		
Type		Valve-in-head		
Compression ratio		7.7:1		
Taxable (SAE) horsepower		51.2		
Idling speed RPM		Manual shift transmission 475, Auto trans. 425 in drive		
Compression pressure (engine hot)		150		
Dry weight (pounds)	Engine and clutch	748	748	748
	With transmission	932	982	979
Governor equipment		Vacuum spinner, regular production		

ADVERTISED MAXIMUM ENGINE PERFORMANCE

ITEM		9000-10000 Series
Horsepower	Gross	195@4000 RPM
	Net	170@4000 RPM
Torque (lb.ft.)	Gross	310@2200 RPM
	Net	282@1800-2400 RPM

ENGINE COMPONENTS

CYLINDER CASE AND HEAD

Material ---------- Cast alloy iron
Bore diameter ---------- 3.9985-4.0015
Cylinder head bolt torque (lb.ft.) ---------- 63-73

CRANKSHAFT

Material ---------- Forged steel
Weight (lb.) ---------- 56.8
End play ---------- .004-.008
Counterweights ---------- 6
Stroke ---------- 3.196-3.204
Journal diameters
1 thru 5 ---------- 2.498-2.499
Crankpins
Width ---------- 1.997-2.000
Diameter ---------- 2.249-2.250

MAIN BEARINGS

Material (all except rear) ---------- Steel backed aluminum alloy matrix with a thin lead alloy overplate.
Material (rear) ---------- Steel backed sintered copper nickle matrix with a thin lead alloy overlay.
Type ---------- Precision, removable
Bearing dimensions

Bearing	Theoretical inside dia.	Effective length	Projected area (sq. in.)
1 thru 4	2.5004	0.960	2.4004
5	2.5002	1.040	2.6002

CAMSHAFT

Material ---------- Cast alloy iron
Type of drive ---------- Two sprocket
End play ---------- .004-.008
Ramp
Inlet, opening ---------- .0027, 10°
Inlet, closing ---------- .0030, 9°
Exhaust, opening ---------- .0032 8°30'
Exhaust, closing ---------- .0025 10°30'

TIMING CHAIN

Make ---------- Diamond Chain
Number of links ---------- 72
Width ---------- 0.867
Pitch ---------- 0.375

CAMSHAFT BEARINGS

Material ---------- Steel backed babbit
Clearance on diameter ---------- .0005-.003

Bearing	Ream diameter	Overall length	Projected area (sq. in.)
#1	1.6870	0.750	1.265
#2	1.6575	0.750	1.243
#3	1.6275	0.750	1.220
#4	1.5975	0.750	1.198
#5	1.5675	0.750	1.175

CONNECTING RODS

Material ---------- Forged stee
Weight (ounces) ---------- 29.6
Rod width at piston pin ---------- 1.05
Rod width at crankpin ---------- 0.994-0.99
Length center to center ---------- 5.998-6.00
End play ---------- .005-.01
Crankpin bearings
Type ---------- Removabl
Material ---------- Steel backed aluminun alloy matrix with a thin lead alloy overplate.
Theoretical inside bearing diameter -------- 2.250
Effective bearing length ---------- 0.86
Projected area per rod (sq. in.) ---------- 1.93

PISTON

Type ---------- Full skir
Material ---------- Aluminum allo
Top land clearance ---------- .028-.03
Compression ring groove depth ------ 0.2212-0.227
Oil ring groove depth ---------- 0.2212-0.227
Weight ---------- 19.9
Skirt clearance ---------- .0007-.001

PISTON PIN

Material ---------- Stee
Type ---------- Locked in ro
Diameter ---------- 0.9396-0.940
Length ---------- 3.40

COMPRESSION RINGS

Number per piston ----------
Type
Upper ---------- Inside beve
Lower ---------- Inside bevel or counter bor

ENGINE COMPONENTS - Continued

COMPRESSION RINGS

Material	
Upper ring	Cast alloy iron with chrome plated o.d.
Lower ring	Cast alloy iron, lubrite coated
Width	.0775-.0780
GAP	.013-.025
Wall thickness	0.190-0.200

OIL RING

Segment	Steel with chrome plated outside diameter.
Width	.0235-.0245
Gap	.015-.035
Wall thickness	0.133-0.138
Expander	
Material	Steel
Width	0.177-0.181
Total width of oil ring	0.180-0.186

VALVES

Inlet	
Material	High alloy steel
Overall length	4.7485-4.7835
Overall head diameter	1.745-1.755
Stem to guide clearance	.002-.004
Stem diameter	0.3715-0.3725
Lift	0.3775
Angle of seat	45°
Face coating	Aldipped
Exhaust	
Material	High alloy steel
Overall length	4.7565-4.7815
Overall head diameter	1.370-1.380
Stem diameter	0.370-0.371
Stem to guide clearance	.004-.006
Lift	0.3772
Angle of seat	45°
Face coating	None

VALVE LIFTERS

Type	Hydraulic
Rocker ratio	1.5:1
Material	
Lifter body	Cast iron
Lifter plunger & push rod seat	Steel

VALVE SPRINGS

Spring pressure and length	
Inlet, Closed	43 to 48 lb. @ 1.50
Opened	91 to 97 lb. @ 1.12
Exhaust, Closed	58 to 66 lb. @ 1.34
Opened	139 to 149 lb. @ 0.960

VALVE SEATS

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

VALVE TIMING

Inlet	
Opens, BTC	25°
Closes, ABC	77°
Exhaust	
Opens, BBC	75°
Closes, ATC	42°

ENGINE LUBRICATION

METHOD OF LUBRICATION

Main bearings	Pressure
Connecting rod bearings	Pressure
Camshaft bearings	Pressure
Cylinder walls	Splash and nozzle
Piston pins	Splash
Timing chain	Drip from camshaft front bearing
Lifters	Pressure
Rocker arms	Pressure

OIL PUMP

Type	Spur gear
Capacity (GPM hot)	3.25 @ 1600 RPM
Normal oil pressure (PSI)	35 @ 1600 RPM
Oil intake type	Stationary

OIL FILTER

Make	AC
Model	PM-9C
Type	Full flow
Capacity (quarts dry)	1-1/2
Replacement element number	PF-122

CRANKCASE VENTILATION

Type	Positive

CRANKCASE CAPACITY

Dry (quarts)	6-1/2
Refill (quarts)	6

ENGINE COOLING SYSTEM

TYPE	Pressure
Radiator cap opens (PSI)	9

THERMOSTAT

Make	Harrison
Type	Choke
Valve begins to open	157° to 163° F
Valve fully opened	183° F

RADIATOR HOSES

Location	
Inlet	Thermostat housing to radiator
Outlet	Water pump to radiator
Inside diameter	
Inlet	1.56
Outlet	1.56
Material	
Spring reinforcement, inlet	No
outlet	Yes

ENGINE COOLING SYSTEM - Continued

RADIATOR

Make ---------- Harrison
Type ---------- Tube and center
Capacity (quarts)
9 & 10000 series ---------- 22 •

Core thickness
9 & 10000 series ---------- 2.62 •

Core constant
9000 series all ---------- 0.22x0.55
10000 series all ---------- 0.20x0.55
Frontal area (sq. in.)
9000 series all ---------- 582.18
10000 series all ---------- 530.33

SHROUD

9 & 10000 series ---------- Regular production

WATER PUMP

Type ---------- Centrifugal
Number of pumps ---------- One
Drive ---------- By fan belt
Bearing ---------- Permanently lubricated double row ball, see bearing chart.
Capacity (GPM) ---------- 58@ 4000 RPM

FAN

Number of blades ---------- 5
Diameter ---------- 20

FAN BELT

Number of belts ---------- Two
Material ---------- Reinforced rubber
Width ---------- 0.3125
Length ---------- 57.50

FUEL SYSTEM

FUEL TANK

Location
Cab models ---------- Behind seat
Chassis models ------- Outside of frame right side
Capacity (gallons)
All except shcool bus ---------- 21.5
School bus ---------- 30
Filler location
Cab models ---------- On left side
Chassis models ---------- On right side
Filter ---------- 40 mesh metal filter cloth tube mounted on end of riser tube.

CARBURETOR

Make ---------- Rochester
Model ---------- 2G
Type ---------- Two barrel downdraft
Venturi throat diameter ---------- 1.18
Throttle body inside diameter ---------- 1.43
Choke ---------- Manual
SAE flange size ---------- 1.25

AIR CLEANER

Make ---------- AC
Type ---------- Oil bath
Filter element ---------- Pita fiber
Capacity (pints) ---------- 2

FUEL PUMP

Make ---------- AC
Type ---------- Mechanical
Drive ---------- From camshaft thru rocker arm
Arm movement at camshaft ---------- 0.560
Air dome ---------- Yes, outlet
Pressure at carburetor (PSI) ---------- 4-5-1/4

FUEL FILTER

Make ---------- AC
Model ---------- GF-38

EXHAUST SYSTEM

Type ---------- Diffusion & resonance, dual straight thru flow.
Size (body outside) ---------- 5.07x34.25
Tail pipe (inside diameter) ---------- 1.817-1.827
Exhaust pipe (outside diameter) ------- 1.990-1.995

ELECTRICAL SYSTEM

ENGINE TIMING

Timing spark advance (initial setting) ----- 4° BTDC
Timing mark location --------- On harmonic balancer
Firing order ---------- 1-2-7-8-4-5-6-3

COIL

Make ---------- Delco-Remy
Model ---------- 1115081
Resistor type ---------- External
Location -------- Mounted on rear of intake manifold

SPARK PLUG

Make ---------- AC
Model ---------- C-42 com
Thread size ---------- 14 mm
Recommended gap ---------- .033-.038
Recommended torque (lb. ft.) ---------- 22-28

DISTRIBUTOR

Make ---------- Delco-Remy
Model ---------- 1112343
Cam angle ---------- 30°
Breaker arm tension (ounces) ---------- 19-23
Point opening ---------- .013-.019

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GENERATOR

- Make ---------- Delco-Remy
- Model ---------- 1102042*
- Type ----------Two brush, shunt wound
- Rating
  - Volts ---------- 12
  - Amperes ---------- 30
- Ventilation ---------- By pulley fan
- Pulley size (pitch diameter) ---------- 4.00x36° "V"¢
- Brush spring tension (ounces) ---------- 24-32
- Rotation (drive end) ---------- Clockwise
- Generator to engine ratio ----------1.52:1$

* - 1102056 on 10000 series tandem models.
¢ - 2.88x36° "V" on 10000 series tandem models
$ - 2.30:1 on 10000 series tandem models.

RPO GENERATOR EQUIPMENT

- 30 Ampere generator
  - Make---------- Delco-Remy
  - Model, with hydraulic steering ---------- 1102056
  - Regulator number ---------- 1119001
- 40 Ampere generator
  - Make ---------- Delco-Remy
  - Model
    - Conventional steering ---------- 1106981
    - Hydraulic steering ---------- 1106982
  - Regulator number ---------- 1119004

VOLTAGE AND CURRENT REGULATOR

- Make ---------- Delco-Remy
- Model ---------- 1119001
- Type ---------- Vibrator
- Location ---------- In engine compartment on left side of dash.
- Voltage regulator
  - Volts ----------14.5
  - Temperature---------- Operating
  - Average air gap---------- .075
- Current regulator
  - Amperes ---------- 30
  - Temperature---------- Operating
  - Average air gap---------- .075
- Cutout relay closing voltage ---------- 12.8
- Average air and point gap ---------- .020

STARTING

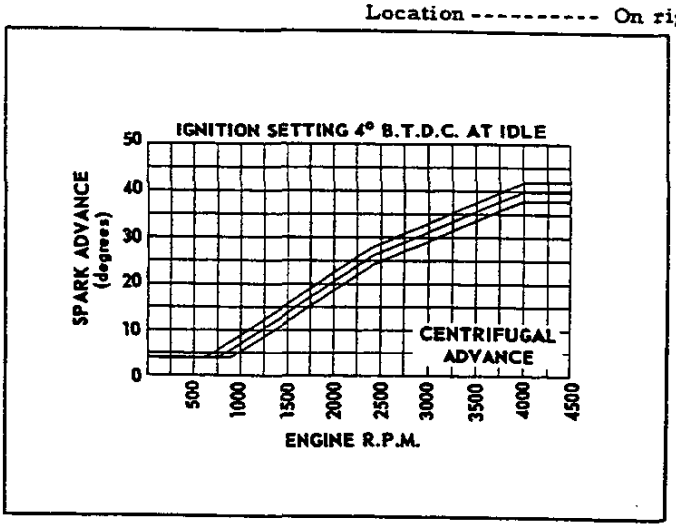
- Ignition switch
  - Type --------- 3 position, locked off, on and start
- Starter switch
  - Type ---------- Solenoid
- Starting operation ---------- Put transmission in neutral position, turn ignition key to extreme right

STARTING MOTOR

- Make---------- Delco-Remy
- Model ---------- 1107646
- No load test data
  - Volts ---------- 10.1
  - Amperes (maximum) ---------- 95
  - RPM (minimum) ---------- 3500

BATTERY

- Make ----------Delco
- Model
  - Reg. production except school bus ---2 SMR 53-W
  - Reg. production school bus(RPO all others) ----------3 SMR 72-W
- Dimensions
  - Length (at top) ----------10.19
  - Width (at top) ---------- 6.75
  - Height (overall) ---------- 8.84
- Dimensions
  - Length (at top) ---------- 11.97
  - Width (at top) ---------- 6.75
  - Height (overall) ---------- 8.84
- Capacity at 20 hour rate (2 SMR 53-W) ---------- 53 ampere hours
- Capacity at 20 hour rate (3 SMR 72-W) ---------- 72 ampere hours
- Number of cells ---------- 6
- Plates per cell
  - 2 SMR 53-W ---------- 9
  - 3 SMR 72-W ---------- 11
- Ground ---------- Negative terminal
- Location ---------- On right side of dash under hood



ENGINE SPEED AND PISTON TRAVEL *

Transmission		Axle Ratio	Tire Size	Engine RPM @ 1 MPH					
				First	Second	Third	Fourth	Fifth	Sixth
3-Speed Synchromesh		3.55:1	6.70-15	130	74	44			
			7.50-14	136	78	46			
		3.90:1	6.70-15	144	82	49			
			6.50-16	137	79	47			
			7-17.5	135	77	46			
		4.57:1	7-17.5	158	90	54			
			8-17.5	151	86	51			
			8-19.5	138	79	47			
		5.14:1	8-19.5	155	89	53			
Powerglide		3.36:1	7.50-14	80		44			
Turboglide		3.36:1	7.50-14	189		44			
3-Speed with Overdrive	Overdrive Locked in	4.11:1	6.70-15	106	61	36			
			7.50-14	110	63	38			
			6.50-16	102	58	35			
			7-17.5	100	57	34			
	Overdrive Locked out		6.70-15	152	87	52			
			7.50-14	156	90	54			
			6.50-16	146	83	50			
			7-17.5	142	81	48			
Heavy-Duty 3-Speed Synchromesh		3.90:1	6.70-15	156	86	49			
			6.50-16	149	82	47			
			7-17.5	146	80	46			
		4.57:1	7-17.5	171	94	54			
			8-17.5	163	90	51			
			8-19.5	149	82	47			
		5.14:1	8-17.5	183	101	58			
			8-19.5	168	93	53			
4-Speed Synchromesh		3.90:1	6.70-15	346	176	84	49		
			6.50-16	332	168	80	47		
			7-17.5	324	165	79	46		
		4.57:1	7-17.5	380	193	92	54		
			8-17.5	363	184	88	51		
			8-19.5	332	168	80	47		
		5.14:1	8-17.5	408	207	99	58		
			8-19.5	373	189	90	53		
		6.17:1	7-22.5	436	221	106	62		
			8-19.5	448	227	108	63		
			8-22.5	410	208	99	58		
			9-22.5	395	200	96	56		
			10-22.5	378	192	92	54		
		7.20:1	8-22.5	479	243	116	68		
			9-22.5	461	234	112	65		
			10-22.5	441	224	107	63		
	2-Speed 6.40:1 Hi 8.72:1 Lo		8-22.5 Hi	425	216	103	60		
			8-22.5 Lo	580	294	140	82		
			9-22.5 Hi	410	208	99	58		
			9-22.5 Lo	558	283	135	79		
			10-22.5 Hi	392	199	95	56		
			10-22.5 Lo	535	271	129	76		
	2-Speed 6.50:1 Hi 9.04:1 Lo		8-22.5 Hi	432	219	105	61		
			8-22.5 Lo	601	305	146	85		
			9-22.5 Hi	416	211	101	59		
			9-22.5 Lo	578	293	143	82		
			10-22.5 Hi	398	202	97	56		
			10-22.5 Lo	554	281	134	78		
4-Speed Hydramatic		3.90:1	6.70-15	187	129	71	49		
			6.50-16	180	124	68	47		
			7-17.5	176	121	67	46		
		4.57:1	7-17.5	254	163	84	54		
			8-17.5	244	157	81	52		
			8-19.5	221	142	73	47		
		5.14:1	8-17.5	274	176	91	58		
			8-19.5	249	160	82	53		
		6.17:1	7-22.5	291	187	96	62		
			8-19.5	299	192	99	63		
			8-22.5	274	176	91	58		

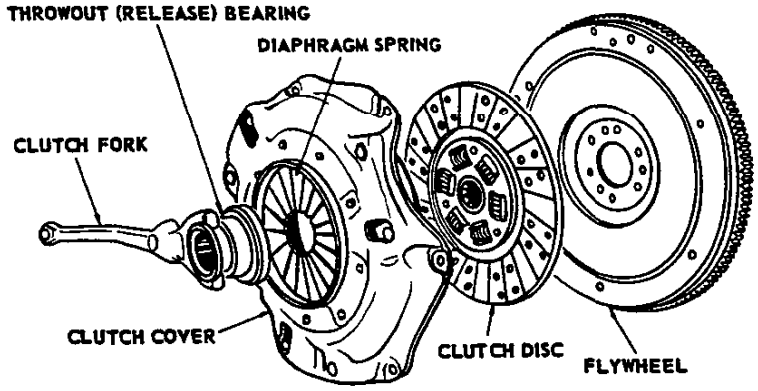
ENGINE SPEED AND PISTON TRAVEL - Continued

Transmission			Axle Ratio		Tire Size	Engine RPM @ 1 MPH					
						First	Second	Third	Fourth	Fifth	Sixth
5-Speed Synchromesh (New Process)			6.17:1		8-22.5	431	235	139	86	58	
					9-22.5	415	227	134	83	56	
					10-22.5	397	217	129	79	54	
			7.20:1		8-22.5	502	275	163	100	68	
					9-22.5	484	264	157	97	65	
					10-22.5	463	253	150	93	63	
			7.17:1		8-22.5	500	273	162	100	68	
					9-22.5	482	263	156	96	65	
					10-22.5	461	252	149	92	62	
					11-22.5	448	245	145	89	60	
			2-Speed 6.40:1 Hi 8.72:1 Lo	Hi	8-22.5	447	244	145	89	60	
				Lo		608	333	197	122	82	
				Hi	9-22.5	430	235	139	86	58	
				Lo		586	320	190	117	79	
				Hi	10-22.5	412	225	133	82	56	
				Lo		561	307	182	112	76	
			2-Speed 6.50:1 Hi 9.04:1 Lo	Hi	8-22.5	453	248	147	91	61	
				Lo		631	345	204	126	85	
				Hi	9-22.5	437	239	141	87	59	
				Lo		607	332	197	121	82	
				Hi	10-22.5	418	229	135	84	56	
				Lo		582	318	188	116	78	
				Hi	11-22.5	406	222	132	81	55	
				Lo		565	309	183	113	76	
HD 5-Speed Synchromesh (Spicer)			7.17:1		9-22.5	491	271	159	94	65	
					10-22.5	470	260	153	90	62	
					11-22.5	456	252	148	88	60	
			7.20:1		9-22.5	493	272	160	95	65	
					10-22.5	472	261	153	91	63	
			2-Speed 6.50:1 Hi 9.04:1 Lo	Hi	9-22.5	445	246	144	85	59	
				Lo		619	342	201	119	82	
				Hi	10-22.5	426	235	138	82	56	
				Lo		593	327	192	114	78	
				Hi	11-22.5	414	229	134	79	55	
				Lo		576	318	187	111	76	
			2-Speed 6.50:1 Hi 8.87:1 Lo	Hi	10-22.5	426	235	138	82	56	
				Lo		582	322	189	112	77	
				Hi	11-22.5	414	229	134	79	55	
				Lo		565	312	183	108	75	
HD 5-Speed Synchro-mesh (Spicer)	Auxiliary Trans.	Low	7.20:1		8-22.5	1136	628	369	218	151	
					9-22.5	1094	604	355	210	145	
					10-22.5	1048	579	340	201	139	
		Inter-mediate			8-22.5	624	345	203	120	83	
					9-22.5	601	332	195	115	80	
					10-22.5	576	318	187	111	76	
		Direct			8-22.5	512	283	166	98	68	
					9-22.5	493	272	160	95	65	
					10-22.5	472	261	153	91	63	
Powermatic (Converter locked)			6.17:1		8-22.5	307	221	156	113	81	58
					9-22.5	296	213	150	107	78	56
					10-22.5	283	204	144	104	74	54
			7.20:1		8-22.5	359	258	182	132	94	68
					9-22.5	345	249	176	127	91	65
					10-22.5	331	238	168	121	87	63
			7.17:1		8-22.5	357	257	182	131	94	68
					9-22.5	344	248	175	126	90	65
					10-22.5	329	237	167	121	87	62
					11-22.5	320	230	163	117	84	60
Powermatic (Converter locked)	Auxiliary Trans.	Low	7.20:1		8-22.5	796	573	405	292	209	151
					9-22.5	767	552	390	281	201	145
					10-22.5	734	529	373	269	193	139
		Inter-mediate			8-22.5	438	315	222	160	115	83
					9-22.5	421	303	214	154	111	80
					10-22.5	403	291	205	148	106	76
		Direct			8-22.5	359	258	182	132	94	68
					9-22.5	345	249	176	127	91	65
					10-22.5	331	238	168	121	87	63

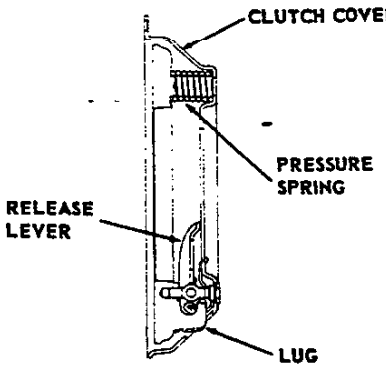
* - FOR PISTON TRAVEL in feet per minute, multiply engine RPM by .656 for 6 cyl. engine, by .500 for 265 cu. in. & 283 cu. in. v-8 engines, by .533 for 322 cu. in. engine.

3-1-58

CLUTCH



DIAPHRAGM SPRING TYPE



MULTIPLE COIL SPRING TYPE

ITEM			31-32-36-3800 (With 235 eng)	31-32-36-3800 (235 eng. with RPO 227); 34-35-3700-4000 (with 235 eng)	3000-4000 (with 265 engine)	3-4000(V-8 with RPO 227) 5-6-7-8000(V-8 exc. forward control models) 6000 reg. prod.	9000-10000 (With 322 eng)
Type			Diaphragm spring single plate, dry disc type		Multiple coil spring, single plate, dry disc type		
Rated torque capacity			238 Ft. Lbs.	282 Ft. Lbs.	295 Ft. Lbs.	305 Ft. Lbs.	340 Ft. Lbs.
Drive			Strap		Lug		Strap
Clutch Springs	Material		Hot rolled steel-pickled		Spring wire-heat treated		
	Spring pressure applied by		One diaphragm spring		9 thrust springs		8 springs
	Total clutch spring pressure		1325-1500 Lb	1450-1600 Lb	1829 Lb. +		1935 Lb
	Clutch spring release		Diaphragm action, spring pivots on pivot ring		3 levers pivoting on struts		
Driven disc	Type		One, spring cushioned plate with two facings				
	Vibration insulation at hub		6 cushion springs				8 springs
	Facing (2)	Material	*	Molded woven type asbestos composition			*
		O. D.	10	11	10-1/2	11	12-7/8
		I. D.	6	6-1/2			7-1/4
		Area (both facings)	100.53 sq. in.	123.70 sq. in.	106.81 sq. in.	123.70 sq. in.	177.82 sq. in.
		Thickness	.132-.138	.130-.136			.150
Bearings	Throwout (release)	Type, make & no.	See anti-friction bearing page.				
		Lubrication	Packed for life				
	Pilot	Make and no.	Chevrolet 412562				
		Type	Sintered powered bronze bushing. Oil impregnated				$ x
		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

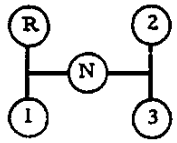
* - Molded type asbestos composition

\+ - 2006 on 5000-61-64-65-67-6800-7-8000

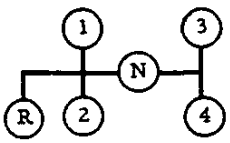
$ - See Anti Friction Bearing Chart

3-1-57 x - Data added 5-15-57

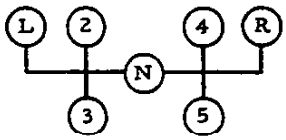
TRANSMISSION MANUAL SHIFT



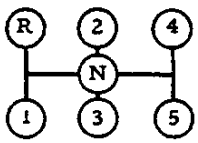
3-SPEED



4-SPEED



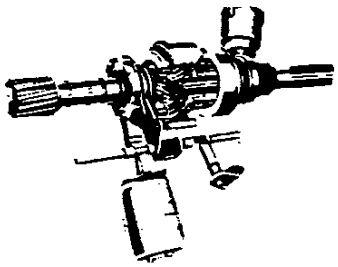
5-SPEED (NEW PROCESS)



HD 5-SPEED (SPICER)

ITEM			3100-3200-3400 3500-3600-3700	RPO 3000	3800-4000-5000 6000-7000-8000 (RPO 3000 exc. 3800)	9000-10000 (RPO 5000-6000 7000-8000)	RPO 9000-10000$
Make			Chevrolet	Borg Warner	Chevrolet	New Process	Spicer
Type (Synchro-Mesh)			3-Speed	HD 3-Speed	4-Speed	5-Speed	HD 5-Speed
Input torque capacity (ft. lbs.)			220	230	240	290	310
Gears	Material		Forged steel, hardened				
	Gears	Helical	All	2nd & 3rd	2nd, 3rd, & 4th	2nd, 3rd, 4th, & 5th	
		Spur		1st and reverse			
	Synchronized speeds		2nd & 3rd		2nd, 3rd, & 4th	2nd, 3rd, 4th, & 5th	
Ratios	First		2.94:1	3.17:1	7.06:1	7.41:1	7.55:1
	Second		1.68:1	1.75:1	3.58:1	4.05:1	4.17:1
	Third		Direct	Direct	1.71:1	2.40:1	2.45:1
	Fourth				Direct	1.48:1	1.45:1
	Fifth					Direct	Direct
	Reverse		2.94:1	3.76:1	6.78:1	7.85:1	7.44:1
Gearshift Control	Type		Manual remote		Manual direct		
	Location		Mounted on steering column		Mounted on transmission		
Power Takeoff Provisions	Type of opening				6 Bolt (SAE standard)		
	Location				Left side of trans.	Both sides of trans.	
	Right Hand Side	Drive gear				2nd speed counter gear	
		No. of teeth				20	22
		Gear speed				456 RPM*	458 RPM*
	Left Hand Side	Drive gear			3rd spd. countergear	Reverse idler gear	
		No. of teeth			33	15	25
		Gear speed			425RPM*	373 RPM*	403 RPM*
Lubricant capacity			2.00 Pints	2.75 Pints	6.25 Pints	9.50 Pints	12.00 Pints
Anti-friction bearings			See anti-friction bearing page				
Parking brake, lining area(sq.in)				62@	35@	68	82

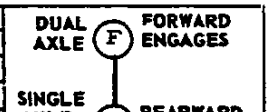
OVERDRIVE UNIT


OVERDRIVE UNIT

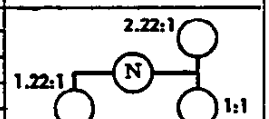
ITEM		RPO 3100-3200	
Make		Borg-Warner	
Attachment		To rear of Chevrolet 3-speed transmission	
Ratios	O. D. unit control	Locked out	Locked in
	First	2.94:1	
	Second	1.68:1	1.18:1
	Third	Direct	0.70:1
	Reverse	2.94:1	
Cut-in speed		Approximately 31 MPH	
Cut-out speed		Approximately 27 MPH	
Lock out control location		Bottom left hand side of instrument panel	
Lubrication capacity		3 Pints (includes 2 pints for Chevrolet transmission)	
Anti-friction bearings		See anti-friction bearing page	

COMBINED POWER DIVIDER & AUXILIARY TRANSMISSION

ITEM		8000-10000 Series Tandem Option
Make and model		Truckstell, model 500
Axle selector Lever	Location	In cab floor, to the right of main shift lever
	Operation	See axle selector diagram
Gears	Type	Helical
	Material	Alloy steel
Gear Ratios	Puller (first)	2.22:1
	Underdrive (second)	1.22:1
	Direct (third)	1:1
Aux. trans. gearshift lever site		In cab floor, to right of axle selector lever
Automatic safety interlock		Engages dual axle automatically when puller ratio is used
Input torque capacity		2625 ft. lbs.
Lubricant capacity		7 Pints
Anti-friction bearings		See pages



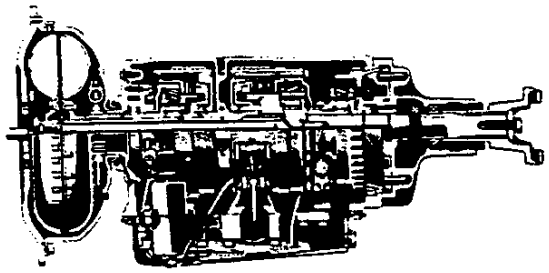
DUAL AXLE SELECTOR



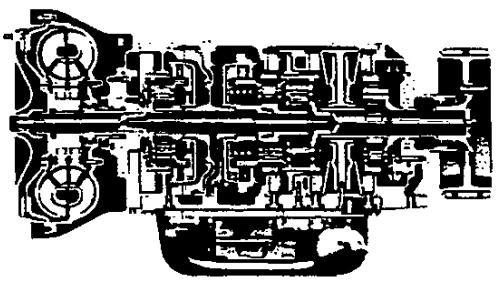
AUX. TRANS. & POWER DIVIDER

* - At 1000 engine RPM $ - Regular on tandems. @ - Propeller shaft brake not available on 31-3200 series
3-1-57 ● - Data revised 5-15-57 @ - 62 on 3800 series ●

TRUCK AUTOMATIC TRANSMISSION

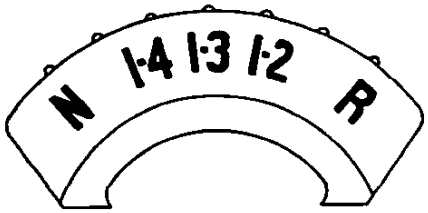


HYDRAMATIC TRANSMISSION

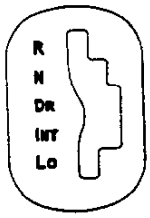


POWERMATIC TRANSMISSION

ITEM		3100-3200	3400-3500-3600 3700-3800-4000 #	5000-6000-7000 8000-9000-10000
Make		Detroit Transmission (Hydramatic)		Allison (Powermatic)
Type		Automatic, 4-speed		Automatic, 6-speed
Input Torque Capacity		230 lb. ft.		310 lb. ft.
Range Selector Lever Location		Mounted on steering column		Mounted in floor of cab
Gear Ratios	First	3.82:1	4.71:1	5.29:1
	Second	2.63:1	3.03:1	3.81:1
	Third	1.45:1	1.56:1	2.69:1
	Fourth	Direct	Direct	1.94:1
	Fifth	-	-	1.39:1
	Sixth	-	-	Direct
	Reverse	4.30:1	6.11:1	6.04:1
Engine Starting		Selector lever must be in neutral position		
Hydraulic Retarder Unit	Location			Bet. gear case & bell hsg.
	Components			Vanes, impeller & valve
	Retarder foot pedal			Located to left of strg col
Oil Filter Element	Make & model			AC, PF-133
	Type			Replaceable, full flow
	Location			Bottom of sump pan
Oil Filler Gauge & Filler Location		On right front side of transmission		
Power Take-Off Provisions	Type of opening			6 bolt (SAE Standard)
	Location			Both sides
	Drive Gear			Power take-off gear
	Number of teeth			57
	Gear speed			1000 RPM*
Parking Brake	Size		8 x 2-1/2	9-1/2 x 3
	Location		At rear of transmission	
	Lining area (sq. in.)		62	89
Lubricant Capacity	Dry fill	Less oil cooler, 9 qts.; with oil cooler 10 qts.		17 qts.
	Refill	Less oil cooler 8-1/2 qts.; with oil cooler 9-1/2 qts.		13 qts. @



HYDRAMATIC CONTROL INDICATOR



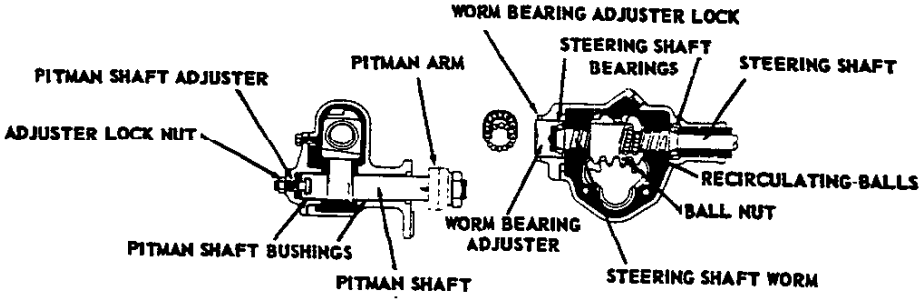
POWERMATIC CONTROL TOWER

ITEM		3100-3200			3400-3500-3600 3700-3800-4000			5000-6000-7000-8000 9000-10000		
Selector Lever Position And Available Ratios	Pos.	1-4	1-3	1-2	1-4	1-3	1-2	Lo	Int.	Dr.
	1st	3.82:1	3.82:1	3.82:1	4.71:1	4.71:1	4.71:1	14.8-5.29:1	-	-
	2nd	2.63:1	2.63:1	2.63:1	3.03:1	3.03:1	3.03:1	3.81:1	-	-
	3rd	1.45:1	1.45:1	-	1.56:1	1.56:1	-	-	7.53-2.69:1	7.53-2.69:1
	4th	Direct	-	-	Direct	-	-	-	1.94:1	1.94:1
	5th	-	-	-	-	-	-	-	-	1.39:1
	6th	-	-	-	-	-	-	-	-	Direct

@ - Without draining converter

* - Speed of power take-off gear in neutral varies directly as converter turbine shaft speed varies with load on power take-off. # - Not available on 4502

STEERING GEAR



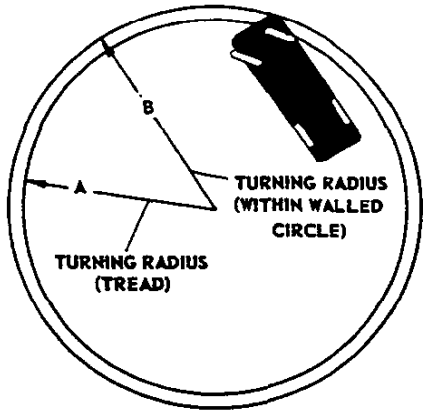
ITEM			3100-3200 3600-3800	34-35-37 5000-62-6642	4000-6000 x (ex. 62-6600)	8000-10000	7000-9000
Make and type			Saginaw Steering Gear, semi-reversible recirculating ball				
Ratio			21.3:1	27.76:1	23.6:1		28.14:1
Mounting			On frame side member				
Pitman shaft bushings	Material		Cast bronze				
	Outer	Inside dia.	1.1249-1.125	1.2495-1.2500			
		Length	1.380	1.125	1.50		
	Inner	Inside dia.	1.1255-1.1260				
		Length	.844				
Pitman shaft	Diameter	Outer end	1.1205-1.1215	1.245-1.246		1.3745-1.3765	1.375-1.3755
		Inner end	1.123-1.124			1.123-1.124	1.1235-1.124
	Location		Straddle mounted in steering gear housing assembly				
Worm and steering gear	Type		Worm welded to shaft				
	Shaft diameter		0.750		0.814		0.804
Pitman arm type			One piece, drop forged steel				
Steering column diameter			1.75				
Gear adjustment (lash)			2 to 3-1/2 lb.		2 to 2-1/2 lb. *		2-3/4-3-1/4lb.*
Horn cable and contact			Cable lead attached to rubber imbedded contact ring at inside upper end of column				
Steering wheel	Type and material		3-spoke; hard rubber vulcanized to steel insert				
	Diameter		18				
Anti-friction bearings			See anti-friction bearing page				

* - Adjustment of gear taken at center of rim on steering wheel.

POWER STEERING

ITEM		3100-3200-3600-3800	4000 thru 10000
Type		Linkage with open center valve	
Steering cylinder inside diameter		1.37	2.00
Pump	Type	Vane, hydraulic	
	Mounting	On rear of generator	
	Driven by	Splined extension of generator shaft	
	Maximum flow rate	1.0 to 1.3 GPM	1.7 to 3.0 GPM
Steering assistance provided		Up to 80%	

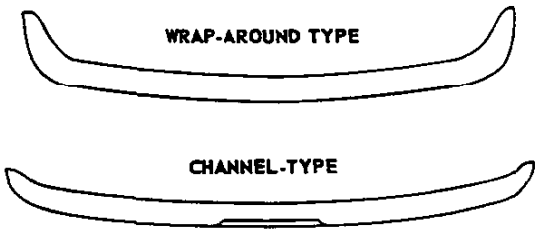
TURNING RADII

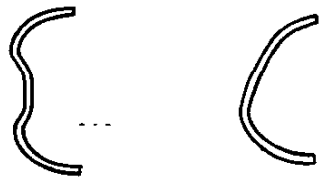


Series	Wheel Base	A (feet)	B (feet)	Series	Wheel Base	A (feet)	B (feet)
3100	114.00	20.75	22.08	7100	112.62	20.52	23.02
3200	123.25	22.00	23.41	7200	124.62	22.25	24.70
3400	104.00	18.50	19.84	7700	172.62	28.96	31.46
3500	125.00	21.25	22.69	8100	132.50	23.31	25.81
3600	123.25	21.65	23.03	8200	144.50	25.06	27.54
3700	137.00	23.00	24.32	8400	156.50	26.75	29.19
3800	135.00	23.31	24.94	8500	174.50	29.25	31.73
4100	132.50	23.12	26.59	8700	192.50	31.75	34.27
4400	156.50	26.50	29.97	8800	240.00	38.50	40.91
4500	156.50	25.50	28.96	9100	112.62	20.50	23.02
5100	112.62	20.75	24.26	9200	124.62	22.25	24.70
5400	136.62	24.25	27.72	9700	172.62	29.00	31.46
5700	160.62	27.68	31.18	10100	132.50	23.25	25.81
6100	132.50	22.64	26.14	10200	144.50	25.00	27.50
6200	129.62	27.06	28.81	10400	156.50	26.75	29.19
6400	156.50	25.94	29.44	10500	174.50	29.25	31.73
6500	174.50	28.40	31.90	10700	192.50	31.75	34.27
6600	153.62	29.96	30.21	10800	240.00	38.50	40.98
6700	196.50	31.45	34.95				
6800	222.50	35.00	38.50				

3-1-57 x - Data added 5-15-57

BUMPERS





ITEM		3102-3103-3104 3112-32-36-3800	3105-06-3116-3805	3124	34-35-3700-5-6-7-8-9-10000
Standard or Optional	Front	Standard			standard
	Rear	Optional	Standard		None available
Type	Front	Deep section wrap around			Channel
	Rear	Deep section wrap around		5-piece *	
Material	Front	Spring steel			Hot rolled steel
	Rear				
Gauge	Front	.149			.2092
	Rear			.1196	
Overall Width	Front	75 3/8			79 3/8
	Rear	75 3/8 (70 3/16 on 04 models		73.75	
Overall Height	Front	6 1/2			8 1/16
	Rear	6 1/2		8.063	
Finish	Front	Painted (chrome R.P.O.)		Chrome	Painted
	Rear			¢	

* - Two outer face bars, 2 intermediate face bars and 1 hinged, center face bar

¢ - Chromed bumperettes and outer face bar; painted intermediate and center face bar

GLASS DATA

ITEM				Cabs	Panels	Carryalls
Windshield				Laminated safety plate		
Side door windows				Laminated safety sheet		
Side door ventipanes				Laminated safety sheet		
Side Windows	Rear Quarter Windows	Front	Sliding section			Laminated Safety Sheet
			Fixed section			
		Rear	Sliding section			
			Fixed section			
Rear Window	Standard; flat sheet			Safety solid plate		
	Optional, curved, one-piece wrap around				Safety solid plate	
Rear door						
Lift gate						

HORN

Make and type	Delco-Remy, Vibrator low note
Location	Bolted to radiator upper tie bar
Number used	One, left side (except 3124, two)
Current draw	9-10 ampheres

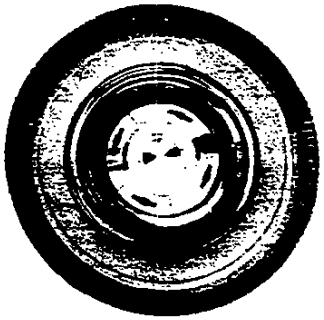
OUTSIDE REAR VIEW MIRRORS

Type	Short-fixed bracket	Arm length - 7.85;	Mirror diameter 5.062	Attached to upper side of left door
	Long-adjustable bracket	Arm length - 17.33		

WINDSHIELD WIPERS

Make and Type	Standard	Trico-Dual Vacuum
	R.P.O. 320	Delco appliance; dual electric
Motor location		Centered behind instrument panel
Wiper blades		Natural rubber with stainless steel backing
Control location		On instrument panel, to the right of instrument cluster

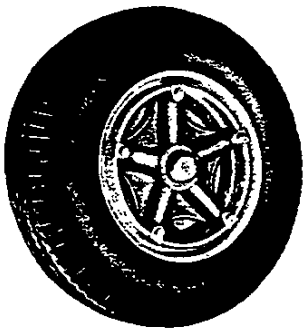
PIERCED DISC TYPE WHEEL



SHORT SPOKE TYPE WHEEL

Tire Size and Ply Rating	Tires (Base or RPO)	Models	No. of Tires	Tire section	Rolling Radius	Revs. per Mile	Maximum Recommended		Wheels		
							Capacity	Press PSI	Rim Size	Off-set ▼	Attachment
6-70-15-4	Base	3100 3200	Five	6.9	13.4	755	925	24	15x5-1/2K	9/16	Six 7/16-20 Bolts, 5-1/2 Circle
6-70-15-4 @	290										
6-70-15-6	288						1055	30			
6-50-16-6	282			7.0	13.8	724	1215	36	16x5K	7/16	
7-17.5-6	285			7.4	14.3	705	1520	45	17.5x5.25	0	
8-19.5-6	Base	3400 3500 3700	Four	7.9	16.4	617	2090	50	19.5x5.25	7/16	Eight 1/2-20 Bolts 6-1/2 Circle
8-19.5-8	299						2440	65			
8-19.5-6 D	462		Six				2090	50			
8-19.5-8 D	299						2440	65			
7-17.5-6	Base	3600	Four	7.4	14.3	707	1520	45	17.5x5.25	1/8	
8-17.5-6	298			7.7	14.9	675	1735				
8-17.5-8	454			7.9	16.4	617	2060	60			
8-19.5-6 @	462						2090	50	19.5x5.25	7/16	
8-19.5-8 @	299						2440	65			
7-17.5-6 D	285		Six	7.4	14.3	707	1520	45	17.5x5.25	1/8	
8-17.5-6 *	Base	3800	Four	7.7	14.9	675	1735	45			
8-17.5-8 *	454						2060	60			
8-19.5-6	462			7.9	16.4	617	2090	50	19.5x5.25	7/16	
8-19.5-6 D			Six							4-13/16	
8-19.5-8	299		Four				2440	65		7/16	
8-19.5-8 D			Six							4-13/16	
7-22.5-6 D	Base	4000		7.2	16.8	600	1870	50	22.5x5.25		Five Front, Ten Rear 5/8-18 Bolts 8-3/4 Circle
7-22.5-8 D	459						2180	65			
8-19.5-6 D	462			7.9	16.4	617	2090	50	19.5x5.25		
8-19.5-8 D	299						2440	65			
8-22.5-8 D	455				17.9	565	2740	65	22.5x5.25		
8-22.5-10D	464						2890	75			
8-22.5-8 D	Base	5000 6100 6400 6500 6700 6800	Six	8.1			2740	65	22.5x6.00	5-13/32	Six 3/4-16 Bolts 8-3/4 Circle
8-22.5-10D$	464						2890	75			
9-22.5-10D	456			8.7	18.5	544	3330	70	22.5x6.75	5-29/32	
9-22.5-10D				9.0							
9-22.5-12D	463			8.7			3600	80	22.5x6.00	5-13/32	
9-22.5-12D				9.0					22.5x6.75	5-29/32	
10-22.5-10D	457			9.8	19.4	521	3960	70			
8-22.5-8 D	Base	6200 6600		8.1	17.9	565	2740	65	22.5x6.00	5-13/32	
8-22.5-10D	464						2980	75			
9-22.5-10D	456			8.7	18.5	544	3330	70			
9-22.5-10D				9.0					22.5x6.75	5-29/32	

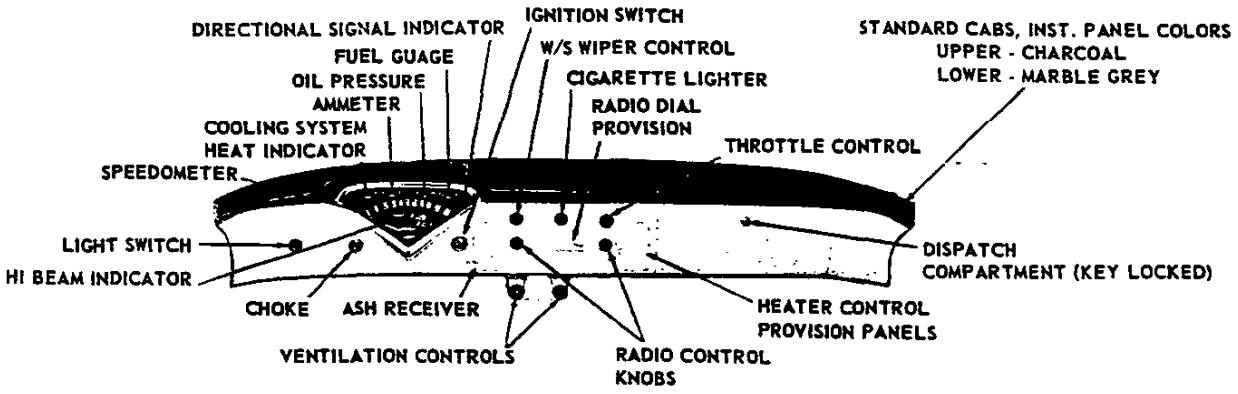
3-1-57 ▼ - Data corrected 5-15-57



CAST SPOKE TYPE WHEEL

Tire Size and Ply Rating	Tires (Base or RPO)	Model	No of Tires	Tire Section	Rolling Radius	Revs. per Mile	Maximum Recommended		Wheels		
							Capacity	Press PSI	Rim Size	Offset	Attachment
8-22.5-8 D	Base	7000 8000	Six	8.1	17.9	565	2740	65	22.5x6.00	5-13/32	Six 3/4-16 Bolts 8-3/4 Circle
9-22.5-10D	456			8.7	18.5	544	3330	70			
9-22.5-10D				9.0					22.5x6.75	5-29/32	
9-22.5-12D	463			8.7			3600	80	22.5x6.00	5-13/32	
9-22.5-12D				9.0					22.5x6.75	5-29/32	
10-22.5-12D	457			9.8	19.4	521	3690	70			
10-22.5-10D				10.1					22.5x7.50	6-1/8	
9-22.5-10D	Base	9000 10000 Except School Bus and Tandem Models		8.7	18.5	544	3330	70	22.5x6.00	5-13/32	
9-22.5-10D				9.0					22.5x6.75	5-29/32	
9-22.5-12D	463			8.7			3600	80	22.5x6.00	5-13/32	
9-22.5-12D				9.0					22.5x6.75	5-29/32	
10-22.5-10D	457			9.8	19.4	521	3960	70			
10-22.5-10D				10.1					22.5x7.50	6-1/8	
11-22.5-12D	458			10.9	19.9	506	4580	75			
10-22.5-10D	457			10.1	19.4	521	3690	70		6-1/16	See Note #
11-22.5-10D	458			10.9	19.9	506	4580	75			
10-22.5-10D$	457			10.1	19.4	521	3690	70	§	4-1/4	See Note %
11-22.5-12D$	458			10.9	19.9	506	4580	75			
8-22.5-8 D	Base	8000 and 10000 Tandem Models	Ten	8.1	17.9	565	2740	65	22.5x6.00	5-13/32	Six 3/4-16 Bolts 8-3/4 Circle
8-22.5-10D	455						2890	75			
9-22.5-10D	456			8.7	18.5	544	3330	70			
9-22.5-10D				9.0					22.5x6.75	5-29/32	
9-22.5-12D	463			8.7			3600	80	22.5x6.00	5-13/32	
9-22.5-12D				9.0					22.5x6.75	5-29/32	
10-22.5-10D	457			9.8	19.4	521	3960	70			
9-22.5-10D	Base	10800	Six	8.7	18.5	544	3330	70	22.5x6.00	5-13/32	
9-22.5-10D				9.0					22.5x6.75	5-29/32	
9-22.5-12D	463			8.7			3600	80	22.5x6.00	5-13/32	
9-22.5-12D				9.0					22.5x6.75	5-29/32	
10-22.5-10D	457			9.8	19.4	521	3690	70			
10-22.5-10D				10.1					22.5x7.50	6-1/8	

= Ten 3/4-16 bolts, 11-1/4 circle
% = Hub and wheel integral, no bolt circle
$ = With cast spoke wheels
D = Dual rear tires, dual rear tires are not available on Pick-up or Panel Models
@ = Not available on 3609
* = On 3800 series, base tires are 8-17.5-6 front, 8-17.5-8 rear
§ - Available with 22.5x6.75 or 22.5x7.50 rim size



Instruments	Make		AC
	Hi beam indicator		Located at center of dial face, red when lighted
	Fuel gauge		Electrically operated
	Ammeter		Electrically operated
	Oil gauge		Pressure operated
	Cooling system indicator		Pressure operated
	Speedometer		Dial, driven by flexible shaft from transmission
	Direction signal indicators		Located at both center edges of dial face, green when lighted
Instrument Panel Accessories	Light switch		3-position with rheostat for adjusting light in instrument dial face
	Cigarette lighter		Standard on 3124, optional on all others
	Ash receiver		Standard on all models
	Dispatch compartment		Located right side of inst. panel 13.90x4.69x9.76 key locked
Ignition Switch	Make		Delco-Remy
	Starting	6-Cylinder	31-32-36-3800-4000-6000; foot operated
		6-Cylinder	3400-3500-3700; key operated
		8-Cylinder	All models; key operated

REGULAR PRODUCTION SPEEDOMETER GEARS

Series		3100-3200	34-35-3700	3600	3800	4000	5-6-7-8000	9000-10000	8802-10802	Tandems
Rear axle		3.90:1	5.14:1	4.57:1	5.14:1	6.17:1	7.20:1	7.17:1	7.20:1	
Teeth	Drive	7	6		4					
	Driven	20	19		14	15	15	15	14	
Pitch	Drive	30*			22*					
	Driven									

* - All figures shown for gear teeth and pitch are based on standard tires and axles. For optional speedometer gear fitting equipment, see RPO's 306 and 307.

SPEEDOMETER GEAR ADAPTERS

The following speedometer gear adapters are available through the Service Department for correction of speedometer and odometer errors that sometimes occur when combinations of tires, transmissions and rear axle, other than standard, are specified.

Service package number	1565814	1565813	1565812	1584277
Gear ratio	16:17	17:15	17:16	16:17

TOOLS

ITEM		3100-3200-3600		34-35-3700	3800	4-5-6-7-8-9-10000		4-5-6-7-8-9-10000 RPO
Jack	Part number	3719189	3695059	3719191	3719190	3724487	3719192	3741276
	Capacity (lbs.)	3300		4700	3300	9000		12000
	Raised height	14.94	15.12	16.20	15.70	18.00	18.25	19.38
	Lowered height	6.25	6.12	7.25	7.62	9.12	9.38	9.12
Jack handle		All				Also used as tire changing iron		
Tire changing iron		¢	All					
Wrench		All						

¢ - With RPO 285; 3100-3200 only.

LIGHTS, SWITCHES, CIRCUIT BREAKERS, BULBS, AND FUSES

Headlamps	Make and type		Guide T-3 sealed beam
	Location		In front fender faces
	Sealed beam diameter		7.00
	Lens diameter		6.688
	Dimmed by		Foot switch (raises and lowers beam)
	Beam indicator location		In instrument cluster face
Tail and Stop lamps	Make and type		Guide, combination tail and stop
	Number of lamps		(3116, three) (3105, 06, two) all others one
	LOCATION	Flat face cowls & cabs	Attached to rear of frame, left side member
		Pickups except 3124	Attached to left side rear of box
		Stake body	Attached to left side of rear cross sill
		3124	Attached to rear of both side panels
		Carryall (3116)	One on each side at rear of side panels; one centered on tail gate
		Panels & Carryall (3106)	One on each side at rear of side panel
Park light	Location		In front fender face, below headlamps
Dome light	All single and two unit bodies		Cabs, above rear window; panels and carryalls above driver
Rear License Lights	3124		Two housed in rear bumper center face bar
	All models except pickups with RPO rear bumper, panels and carryalls		Illuminated through window in combination tail and stop light
	3105, 3106, 3805		Cylindrical light located on lower left rear door
	3116		Illuminated thru window in center tail light
	Pickup model with RPO bumper		One light at center below tailgate
Light Switches	Make		Delco-Remy
	Main switch		Three position, mounted on instrument panel incorporates a dome lamp switch and a rheostat which controls the brightness of the instrument panel lights.
	Stop light switch		Mechanical, on toe board
	Dome light switch		Incorporated in main switch, operated by rotating switch knob to extreme travel
Circuit Breakers	Electrical system circuit protection exc. winds. wiper	Type	Dual, bi-metal thermal elements
		Location	Incorporated in main lighting switch
		Capacity	15 ampere (each circuit)
	Windshield Wiper	Type	Single circuit, bi-metal
		Location	In wiper motor circuit
		Capacity	10 ampere
	Two speed rear axle equipment (Eaton) @	Type	Single circuit, bi-metal
		Location	In engine compartment
		Capacity	10 ampere

@ - Protects electric powered shift control circuit

BULBS

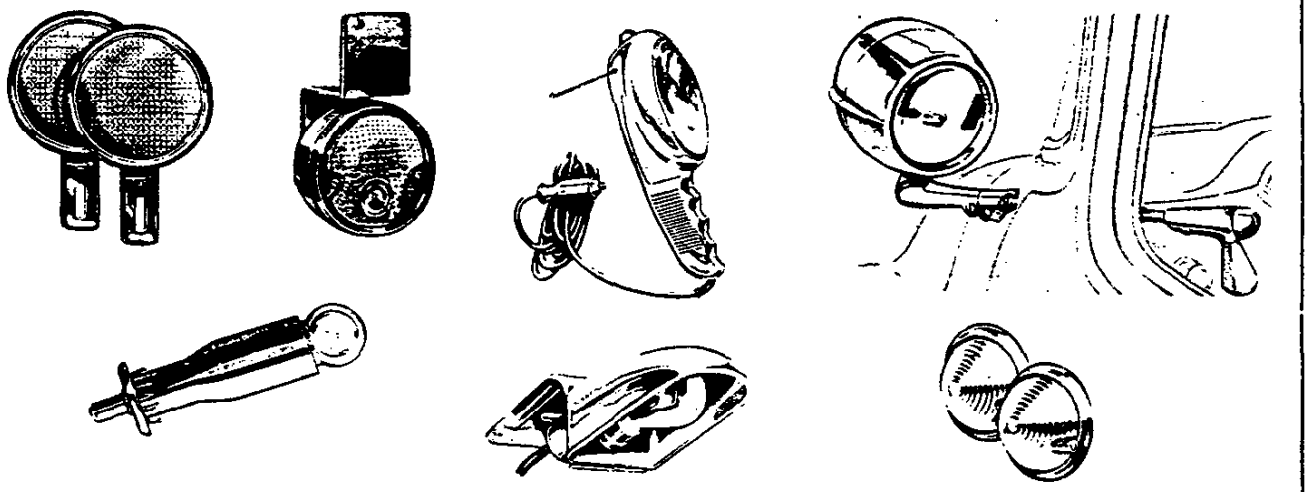
Used in		Quanity	Trade no.	Power	Used in		Quanity	Trade no.	Power
Parking lights		2	67	3CP	Tail & Stop light	Panels	1	1034¢	4CP 32CP
Instr. cluster		3	57	2CP		Carryalls			
Beam indicator		1	53	1CP		3124			
Ignition lock						Others			
Dome light			94	15CP					
Head lamp	upper beam	2	5400*	50W	License Lights	3124	2	67	3CP
	lower beam		5400*	40W		Others	1		

* - Double filament sealed beam

¢ - Double filament

FUSES

Device or circuit protected	Type fuse & amperes	Location
Back-up lamp	SFE - 9 ampere	In fuse block
Cigarette lighter lamp	AGA - 3 ampere	In main switch
Heater & defrost recirculating	AGC - 10 ampere	In fuse block
Heater & defrost deluxe	SFE - 9 ampere	
Instrument lamps	AGA - 3 ampere	In main switch
Overdrive solenoid	SFE - 9 ampere	In engine compartment
Parking brake alarm	SFE - 9 ampere	In fuse block
Radio	SFE - 7-1/2 ampere	
Spot lamp	SFE - 9 ampere	
Underhood lamp	SFE - 9 ampere	



ITEM	DESCRIPTION	APPLICABLE TO*
Alarm	Parking Brake	3100-3200-3400-3500-3600 (except Four Speed Transmission)
Belt Unit	Seat Safety	All Cabs & Single Unit Trucks
Block Unit	Wiring Junction	All
Cover Unit	Seat	All Cab Chassis Models
Deflector Unit	Rain	All Except Flat Face Cowl Chassis and Windshield Cowl Chassis
Filter Unit	Gasoline	All
Flap Unit	Mud (For Single and Dual Wheels)	All Stake Trucks
Guard Unit	Door Edge	All Chassis Cab & Stake Trucks
Guard Unit	Radiator Grille	3100-3200-3600-3800-4-6-8-10000
Guard Unit	Bumper (Painted)	3100-3200-3400-3500-3600-3800-(exc. 3124 & Flat Face Cowls) 4-5-6-7-8-9-10000
Horn Unit	Vibrator	3000 thru 10000 (except 3124)
Adapter Unit	Car Heater and Defroster	3000 thru 10000 Recirculating
Unit	Car Heater and Defroster	3000 thru 10000 Deluxe
Unit	Spot Lamp & Bracket (Guided Sealed Beam)	3000 thru 10000
Lamp Unit	Backing	3104-05-06-16-3204-3604-3804-05
Lamp Unit	Portable Spot	3000 thru 10000
Lamp Unit	Tail right hand	3000 thru 10000 (except single units)
Lamp Unit	Underhood	3000 thru 10000
Lighter Unit	Cigarette	3000 thru 10000
Lamp Unit	Direction Signal (for front and rear)	3000 thru 10000 (except 3104-05-06-16-3204-3604-3804-05 & Fwd. Controls)
Mat Unit	Floor	All
Mirror Unit	Rear View Outside	All Cab Chassis & Single Unit Trucks
Ornament Unit-	Hood	3000 thru 10000
Unit	Radio & Antenna	3000 thru 10000
Rest Unit	Door Arm	3000 thru 10000 Cab Chassis Trucks @
Reflector Unit	Reflex (4-inch red)	3000 thru 10000
Shield Unit	Door Handle	3000 thru 10000
Shaver Unit	Electric (Remington "60")	3000 thru 10000
Step Unit	Rear	Stake Trucks
Sunshade Unit	Right Hand	All Cab Chassis & Single Unit Bodies (except 3124 & RPO Deluxe Equipment)
Switch Unit	Glove Box Compartment Light	3000 thru 10000
Kit Unit	Tool	3000 thru 10000
Tray Unit	Utility	Cab Chassis Models Only
Viewer Unit	Traffic Light	3000 thru 10000
Viser Unit	Outside	All Cab Chassis & Single Unit Bodies
Tank Unit	Windshield Washer Vacuum Reserve	3000 thru 10000
Washer Unit	Windshield	3000 thru 10000

@ - Except 3124

* - In most cases application of items is made generally to series rather than to each individual model. For further information see Accessory Literature.

REGULAR PRODUCTION OPTIONS

The following is a list of optional equipment available for 1957 Chevrolet trucks. See Regular Production Options Parts List and Bill of Material for model application.

OPTIONAL EQUIPMENT

FOA or RPO	DESCRIPTION	RPO	DESCRIPTION
105	Direction Single Equipment	351	Hydraulic Steering Equipment (V-8 Engine) 3-4000
112	Heater Equipment (Deluxe Recirculating)	352	Hydraulic Steering Equip. (V-8) 5000 to 10000
200	Shock Absorber Equipment	384	Wheel Carrier Equipment
201	Two Speed Rear Axle Equipment 8.72/6.40 ratios-5000-6000-7000-8000	391	Hydraulic Auto Jack Equipment
		393	Chrome Equipment
203	Heavy Duty Front Axle Equipment-4100-4400	394	Panoramic Cab Equipment
205	Rear Axle with 14 inch Brake-34-35-3700	395	Side Door Lock Equipment
210	Rear View Mirror Equipment	400	Heavy Duty Equipment 18,000 lb. GVW
211	Rear Shock Absorber Shield Equipment	401	Heavy Duty Equipment 19,500 lb. GVW
212	Brake Booster Equipment-Hydraulic-4000 series	402	1-1/2 Ton Special Equipment 15,000 lb. GVW
213	Brake Booster Equipment-Hydraulic-3000 series	403	Heavy Duty Equipment 25,000 lb. GVW
216	Air Cleaner Equipment	404	Heavy Duty Equipment 22,000 lb. GVW
217	Engine positive ventilation equipment	406	Heavy Duty Equipment 19,000 lb. GVW
218	Rear Bumper Equipment	407	Heavy Duty Equipment 21,000 lb. GVW
227	Heavy Duty Clutch Equipment	408	V-8 Engine Equipment (265 cu. in.)
230	Platform Body Equipment	409	V-8 Engine Equipment (265 & 283 cu. in.)
233	Heavy Duty Frame Reinforcement Equipment	413	Air Over Hydraulic Brake Equipment
234	Solid Color Combination	414	Heavy Duty Brake Booster Equipment Hydraulic
237	Oil Filter Equipment	415	Two Speed Rear Axle Equipment 8.72/6.40 ratios-5000-6000-7000-8000
241	Governor Equipment		
243	Two Speed Rear Axle Equipment 8.72/6.40 ratios-4000	418	Four Barrel Carburetor Equipment
		423	Running Board Equipment
251	Single Speed Rear Axle 6.17 ratio-5000-6000-7000-8000-(exc. 8800)	431	Deluxe Cab Equipment
		434	Deluxe Equipment
253	Heavy Duty Front Spring Equipment	443	Color Combinations /Standard two tone/
254	Heavy Duty Rear Spring Equipment	444	Color Combinations / Deluxe two tone/
256	Heavy Duty Radiator Equipment	445	Color Combinations / Two tone/
258	Foam Rubber Seat Equipment	447	Trim Combinations
263	Auxiliary Seat Equipment	451	22.5 x 6.75 Wheel Equipment
266	Tachometer Equipment	452	22.5 x 7.50 Wheel Equipment
267	Auxiliary Spring Equipment	467	Single Speed Rear Axle 7.17 ratio 5000-6000-7000-8000
281	Vacuum Power Brake Reserve Tank Equipment		
301	HD. Five Speed Transmission Equip. (Spicer)	468	Single Speed Rear Axle 7.17 ratio 9000-10000
306	Speedometer Fitting Equipment		
307	Speedometer Fitting Equipment	474	Air-Over Hydraulic Brake Equip. 7-9-10,000
308	Automatic Transmission Equip. (Hyd.)- 4000 @	475	Two Speed Rear Axle Equip. 6.5-9.04 ratio 5-6-7-8000 series
309	Automatic Transmission (Allison) 6000 (exc. 62-6600)		
		476	Tandem Rear Axle Equipment
310	Automatic Transmission (Allison) 5-7-8000	477	22.5 x 6.00 Wheel Equipment
311	Automatic Transmission (Powermatic) 9-10000	479	Two Speed Rear Axle Equipment 6.5/9.04-6.5/8.87 ratios 9000-10000 Series
314	Automatic Transmission (Hydramatic) 3000		
316	Heavy Duty Three Speed Transmission 3000	560	Cab and Cowl Equipment
318	Four Speed Transmission Equipment	562	Single Unit Body Equipment
320	Electric Windshield Wiper Equipment	564	Two Unit Body Equipment
321	Hydramatic Transmission 34-35-3700	574	Generator Equipment 5-7-8-9-10000
322	Five Speed Transmission Equip. (New Process)	582	Heavy Duty Front Axle 8-10000 Tandems
326	Generator Equipment-30 Amp & 40 HD.	584	Heavy Duty Front Axle 5-6000
340	Fuel and Vacuum Pump Booster Equipment	585	Full Air Brake Equipment
341	Side Mounted Wheel Carrier Equipment	586	Wheel Rim Equipment
345	H.D. Battery Equipment	682	Tandem Equipment 8000 series
350	Hydraulic Steering Equipment (Line 6 Engine)	690	Four Wheel Drive Equipment

For Tire Options, see tire and wheel data chart on pages 208 & 209

@ = Except model 4502

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