

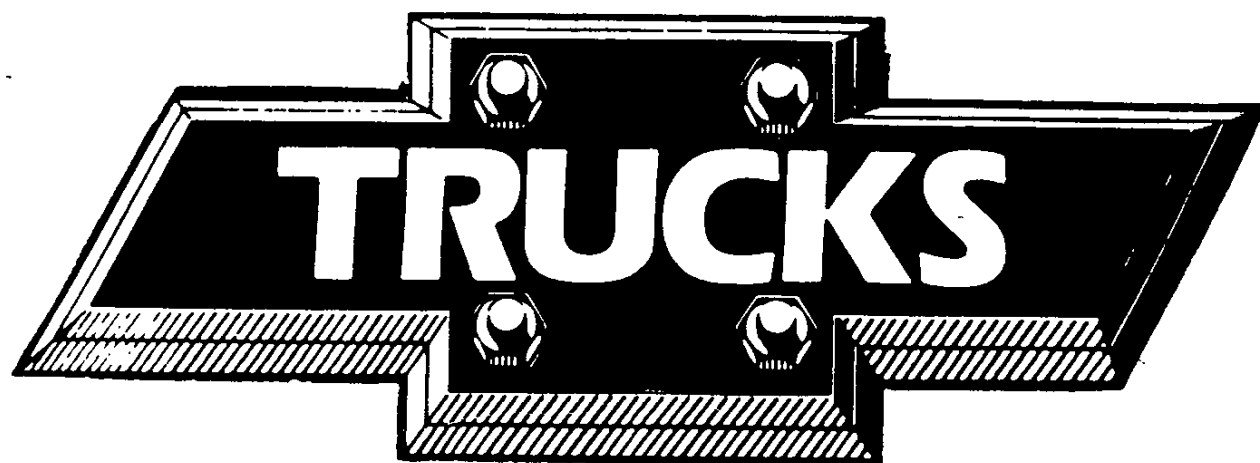


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**CHEVROLET**



**1947**



**CHEVROLET**  
**1947**  
**SPECIFICATIONS**  
*Truck*

ISSUED TO

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Prepared  
by  
**CHEVROLET—CENTRAL OFFICE**  
**ENGINEERING DEPARTMENT**  
Division of General Motors Corporation  
Detroit, Michigan

Lithographed in U. S. A.

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# TRUCKS

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## INTRODUCTION

### AUTOMOBILE SPECIFICATIONS

In the automobile industry, a specification is defined as any item in a detailed description of a mechanism. Usually the description is composed of separate specifications arranged in a tabular question and answer form.

Specifications of this nature, however, are not required in the manufacture of an automobile. All the information necessary for this process is given by the Engineering Department to the manufacturing and assembling plants in the forms of drawings and parts lists. But drawings and parts lists usually are not made available to other people who require information of the vehicle, since these records must be interpreted. Moreover, they and other engineering records are much too numerous or voluminous for convenient reference. Therefore, a special interpretation is made by the Engineering Department in the form of a specifications list or book, the contents of which are determined by the nature of questions people ask the Engineering Department concerning the vehicle.

As has been the experience of most manufacturers, originally the questions asked were few in number and were answered individually at the time they were asked. Through the years, however, many questions were asked quite frequently and, for convenience, the answers were recorded in the form of specifications. Others, which arose because of heightened interest and because of advancements in design were added from time to time. As the automobile grew into a necessary means of transportation - - as its component units were advanced in design and as new ones were added - - and as manufacturers were forced to make more detailed comparisons of their vehicles with those of their competitors to satisfy an increasingly technically minded public - - more and more questions concerning the characteristics of vehicles were answered in the form of specifications.

### THE PURPOSE OF CHEVROLET SPECIFICATIONS

The Chevrolet Engineering Department has always been willing to answer questions of a technical nature concerning Chevrolet products and for the past twenty-six years has endeavored to anticipate such questions by preparing a specifications book each new model year.

This current book has been prepared to answer all the questions concerning the Chevrolet 1947 products that we believe may be asked.

It is intended primarily as a convenient and authoritative source of information for Chevrolet executives, engineers, sales and service representatives, plant managers, and other personnel who must be in a position to answer such questions, and also as a common source of those Chevrolet specifications that are needed in advertisements, vehicle comparisons, trade publications, license applications, and in correspondence with governments, firms, educational institutions, and individuals throughout the world who require a wide variety of information about Chevrolet products for diverse purposes.

### VEHICLES AND EQUIPMENT SPECIFIED

The specifications are those of all standard left drive passenger cars, delivery cars, trucks, and school bus chassis which have been designed to be manufactured for the domestic (U.S.A.) open market. Included also are the specifications of the RPO (Regular Production Option) units which are intended for use with these vehicles. Except where noted all data are for vehicles with regular equipment. RPO units are labelled RPO, and numbered.

No information is furnished concerning right drive vehicles or equipment manufactured for export, nor any vehicles or equipment built on COPO's (Central Office Production Orders) or any other special orders. Accessories released through the Parts and Accessories Department, however, are

## INTRODUCTION—Continued

listed although specifications of these are not included.

As in 1946, this book is separated into two parts -- one for passenger cars and one for trucks.

Except where noted, all information was derived directly from official Chevrolet Engineering Department drawings, parts lists, and test reports, or was calculated from these records.

### ABBREVIATIONS

The condensed tabular form in which the data are presented necessitates the use of abbreviations or symbols in some cases. These are shown on a separate page.

### DIMENSIONS

The dimensions shown are of three types:

Type #1. Those dimensions where very accurate fits are essential in the parts concerned, such as bearing surfaces and splines, and where dimensions usually are expressed on drawings in decimals with very close limits.

Type #2. Those dimensions where accuracy of fit is of less importance, as in structural members such as frame parts, I-beam axles, or in fuel tanks, where dimensions are expressed in fractions or integers with fractions and to which fairly large tolerances ( $\pm 1/64$ ,  $\pm 1/32$ ,  $\pm 1/16$ ) are applied.

Type #3. Those dimensions, such as wheelbases, ground clearances, body size dimensions, and turning diameters, which are subject to large manufacturing variations.

In this book, the dimensions of type #1 are quoted with limits exactly as on the drawings while the dimensions of types #2 and #3 are quoted without manufacturing tolerances.

Unless specified otherwise all dimensions are in inches.

### ORGANIZATION OF BOOK

Every effort has been made to facilitate the finding of information. The sequence followed in presenting the information is that of the G. M. Uniform Parts Classification major groups, modified to facilitate usage by the reading majority, who are unacquainted with this classification. The table of contents lists the subjects in the order in which they occur. The subject headings are reprinted at the bottom of each page beside the page number. The index at the rear of the book lists the details covered by the subject headings.

To provide for reorganizing or incorporating additional information without disturbing the page number sequence, blocks of numbers are assigned to the ends of the passenger and truck sections.

### REVISIONS

All revisions and the dates on which they are made will be indicated at the bottom of the page on which they occur. Where it is necessary to indicate a change in an individual specification, a symbol will be placed in the proximity of the revised specification. This symbol also will be repeated at the bottom of the page with a description of the revision. The following symbols have been established for this purpose:  $\circ$ ,  $\times$ ,  $\diamond$ ,  $\nabla$ ,  $\star$ ,  $\ominus$ . They may be used singly, in multiples, or in combinations.

Subsequent revisions on a revised page will be made in the same manner as described above. However, to emphasize and clarify the later changes, all symbols and descriptions pertaining to previous revisions will be removed from the page and a note including the previous date of change and the word "Revisions" will be added in the space for revision descriptions.

Address all inquiries to: Technical Data Department  
Room 3-111, General Motors Building  
Detroit 2, Michigan  
or call  
TR. 2-4600, Extension 8127



### ABBREVIATIONS

AC ----- A. C. Spark Plug  
 Acc. ----- Accessory  
 accel. ----- accelerator  
 adj. (adjust.) ----- adjustment  
 adv. ----- advertised  
 amp. ----- ampere  
 approx. ----- approximately  
 Av. ----- Average

B. (Bak.) ----- Baking  
 Bar. ----- Barometric  
 BC ----- Bottom Center  
 Br. ----- Brown  
 brg. ----- bearing  
 BTC ----- Before Top Center  
 Bus. ----- Business  
 Bush. ----- Bushing

Cab. ----- Cabriolet  
 carb. ----- carburetor  
 cc. ----- cubic centimeter  
 chamf. ----- chamfer  
 Chev. (Ch.) ----- Chevrolet  
 COE ----- Cab-Over-Engine  
 COPO ----- Central Office Production Order  
 comp't. ----- compartment  
 c.p. ----- candle power  
 Cpe. ----- Coupe  
 cu. ----- cubed, cubic  
 cyl. ----- cylinder

Del. (Deliv.)(Dely.) -- Delivery  
 dia. ----- diameter  
 diff. ----- differential  
 Displ. ----- displacement  
 D.R. ----- Double Row  
 dr. ----- door  
 Dul. ----- Dulux  
 DW ----- Dual Wheel

Econ. ----- Economy  
 eff. (effect.) ----- effective  
 Elec. ----- Electric  
 eng. ----- engine  
 equip. (eq.) ----- equipment  
 ext. ----- exterior

F. ----- Fahrenheit  
 fr. ----- front  
 ft. ----- foot  
 ft. lb. ----- foot pound  
 F.U. ----- Fleet Users

gal. ----- gallon

### ABBREVIATIONS AND SYMBOLS

gen. ----- generator  
 GMC - General Motors Corporation  
 GM ----- General Motors  
 gov. ----- governor  
 gr. ----- grain  
 GVW ----- Gross Vehicle Weight

Hg. ----- Mercury  
 hi. ----- high  
 hor. ----- horizontal  
 h.p. ----- horsepower  
 H.R. ----- Hot Rolled  
 hr. ----- hour  
 Hy. ----- Hyatt

I.D. ----- inside diameter  
 in. ----- inch  
 inst. ----- instrument  
 Iv. ----- Ivory

lam. ----- laminated  
 lb. ----- pound  
 L-O-F ----- Libby-Owens-Ford

Map. ----- Maple  
 Mar. ----- Maroon  
 matl. ----- material  
 max. ----- maximum  
 Met. ----- Metallic  
 min. ----- minute, minimum  
 mm. ----- millimeter  
 MPH ----- miles per hour

N.D. ----- New Departure

O.D. ----- outside diameter  
 Ox. ----- Oxford  
 oz. ----- ounce

P. ----- page  
 Pass. ----- Passenger  
 P.D. ----- Pitch Diameter  
 Pick. ----- Pickup  
 pol. ----- polished  
 pr ----- ply rating  
 prop. ----- propeller  
 PSI ----- pounds per square inch  
 pts. ----- pints

qt. ----- quart  
 qtr. ----- quarter

R.C.A. ----- Radio Corporation of America  
 red. ----- reduction  
 reg. ----- regular

retain. ----- retaining  
 Rev. ----- Revolutions  
 RPM ----- revolutions per minute  
 RPO -- Regular Production Option  
 rr. ----- rear

SAE ----- Society of Automotive Engineers  
 Sag. ----- Saginaw  
 Sed. ----- Sedan  
 Serv. ----- Service  
 SFE -- Society of Fuse Engineers  
 Ship. ----- Shipping  
 S.L.A. ----- short and long arm  
 spec. ----- special  
 specs. ----- specifications  
 st. ----- stainless  
 stl. ----- steel  
 Strip. ----- Striping  
 St.Wagon (Stn.) -- Station Wagon  
 sq. ----- square  
 S.R. ----- Single Row

TC ----- Top Center  
 thd. ----- thread  
 trans. ----- transmission

U-joint ----- Universal joint  
 Univ. -- universal, universally  
 univ. mtg. -- universal mounting  
 up. (uphol.) ----- upholstery

vent. ----- ventipane

w/ ----- with  
 W.B. ----- wheelbase  
 whl. ----- wheel  
 W/S (Windsh'ld) ----- windshield

### SYMBOLS

# ----- pound, number  
 + ----- plus  
 - ----- minus  
 & ----- and  
 x ----- times  
 : ----- to (ratio)  
 - ----- to (range)  
 / ----- per  
 % ----- per cent  
 c ----- centerline  
 o ----- degree  
 ' ----- minute  
 " ----- second; inch  
 + ----- divided by

INDEX—Continued



































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**ACCESSORIES**






















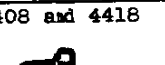

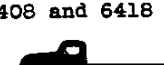

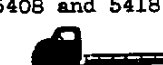





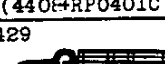




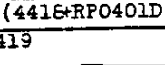
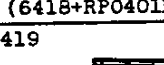

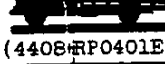



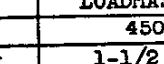


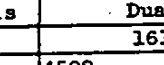

Definition: Items made available at extra cost through the Parts and Accessories Department and installed by the customer or his dealer.



ITEM		UNIT IDENTIFICATION	DRAWING NUMBER	AVAILABLE FOR MODELS
Antenna	Radio-rod type	986069	3847073	All
Arm rest	Door-right or left hand (Maroon)	986154	3847466	All except 3116
	Door-right hand only (Brown)	986167	3847579	3116
Bar	Windshield wiper 10"	986114		All
	Windshield wiper 8"	985981		
Cap	Gas tank filler locking	985076	602767	All
Compass	Auto	986131	3847317	
Connector	Tire air transfer	986134	3847315	All
	Spare tire valve air outside	985485	603650	
Cover	Radiator	986127	3847222	All cabs
Cover	Seat (Maroon)	986145		
Cushion	Back rest	985847		All
Defroster	Windshield rubber blade fan & brkt.	986111	3847138	
	Windshield electric heater	601168		
Dispenser	Tissue	985858		All
Filter	Gasoline	986118	3847196	
Frame	License plate	985849	606409	3000-4100-4400
Governor	Thrift-Master Engine	985965	609359	
Guard	Bumper (curved type)	986113	3847133	3000
	Radiator grille (curved type bumper)	986152	3847476	
	Radiator grille (channel type bumper)	986153	3847477	
Heater	Car (Deluxe)	986101	3119143	All except flat face cowl
	And defroster (with fresh air inlet)	986104	3119367	
	Blower defroster	986102	3119144	
Horns	Matched	986099	3847086	All
Hydrometer	Anti-freeze	985970		
Lamps	Fog (double)	986120	3847318	All
	Fog (double) Guide-sealed beam	986163	3847578	
	Spot & bracket (Guide)	986171	3847606	
	Spot & bracket (Unity)	986173	3847604	
	Trouble (magnetic)	986174	3847605	
	Tail & stop (universal use)	986142	3847392	
	Load compartment	986150	3847593	
	Under hood	986112	3847130	
	Package compartment light & switch	986110	1997742	
	Front directional signal - one lens	985258	922381	
	Front directional signal - two lenses	985259	922382	
	Rear directional signal	985257	602865	
Lighter	Cigarette	986050	3682906	All
	Tire traction	986108	3847142	
Mat	Tire traction	985994	917316	3000
Mirror	Rear view (prismatic)	986129	3847217	
	Rear view	986130	3847329	
Ornament	Hood	986161	3847581	4000-6000
	Hood	986162	3847584	
Pad	Seat-ventilated	985086	603276	All
Plug	Rear axle filler-magnetic	985287	602739	
	Transmission drain-magnetic	985288	602745	
Radio	Oil pan drain-magnetic	985293	603045	All except flat face cowl
	Receiving set - Universal	985792	606448	
Reflector	Receiving set - Delco	986067	3847193	All
	Reflex (4 inch) red	985223	602744	
Screen	Radiator insect	986119	3847224	All
Shield	Windshield (frost)	985702	605017	
Sunshade	Right hand	986155	3847464	All
Tank	Radiator overflow	985528	604039	
Thermostat	148°-155°	985127	3108578	All
	166°-174°	985787	3116354	
	178°-185°	986060	3108580	
Valve	Heater shut off	985533	3113435	3000-4000-6000
Washer	Windshield	986041	609731	

IDENTIFICATION

LINE		THRIFTMASTER CONVENTIONAL TRUCKS				
SERIES SYMBOL		3100	3600	3800	4100	
DE- SCRIP- TION	Nominal capacity	1/2 Ton	3/4 Ton	1 Ton		1-1/2 T
	GVW (pounds)	4200-4600	5200-5800	5700-8800		7500-125
	Basic rear wheels		Single			Dual (except where
	Wheelbase	116	125-1/4	137	137	
FLAT FACE COWL CHASSIS For bodies other than Chevrolet.		3102 	3602 	3802 	4102 	Single 440
FLAT FACE COWL STRIPPED CHASSIS For bodies other than Chevrolet.		3122  (3102+RP0400A)	3622  (3602+RP0400B)	3822  (3802+RP0400C)	4122  (4102+RP0400D)	Single 440
WINDSHIELD COWL CHASSIS For bodies other than Chevrolet.		3112 	3612 	3812 	4112 	Single 440
WINDSHIELD COWL STRIPPED CHASSIS For bodies other than Chevrolet.		3132  (3112+RP0400A)	3632  (3612+RP0400B)	3832  (3812+RP0400C)	4132  (4112+RP0400D)	Single 440
CAB CHASSIS For bodies other than Chevrolet.		3103 	3603 	3803 	4103 	440
PLATFORM TRUCK (08) AND EXPRESS PLATFORM TRUCK (18) Chassis, cab, and platform.			3608 	3808 	4108 	440
STAKE TRUCK Chassis, cab, platform, and stake racks.			3609  (3608+RP0401A)	3809  (3808+RP0401B)	4109  (4108+RP0401B)	440
EXPRESS STAKE TRUCK Chassis, cab, platform, stake racks, and tail gate.						440
HIGH RACK (STOCK) TRUCK Chassis, cab, platform, and high stake racks.						440
PICKUP TRUCK Chassis, cab, and pickup box.		3104 	3604 	3804 		
PANEL TRUCK Chassis and panel body with two rear doors.		3105 		3805 		
CANOPY EXPRESS TRUCK Chassis and open side body with canopy roof and tail gate.		3107 		3807 		
CARRYALL SUBURBAN Chassis and 8-passenger closed body with tail gate and lift gate.		3116 				* - Also, 1-1/2 Ton Series, e

**IDENTIFICATION SYMBOLS**

LOADMASTER CONVENTIONAL TRUCKS			LOADMASTER CAB-OVER-ENGINE TRUCKS		
4400	6100*	6400*	5100*	5400*	5700*
2 Ton			2 Ton		
-12500			13000-16000		
Dual			Dual		
161	137	161	110	134	158
e 4402 Single 	6102 	6402 			
e 4422 Single (4402+RP0400D) 	6122 (6102+RP0400E) 	6422 (6402+RP0400E) 			
e 4412 Single 	6112 	6412 	5112 	5412 	5712 
e 4432 Single (4412+RP0400D) 	6132 (6112+RP0400E) 	6432 (6412+RP0400E) 			
4403 	6103 	6403 	5103 	5403 	5703 
4408 and 4418 	6108 	6408 and 6418 	5108 	5408 and 5418 	
4409 	6109 	6409 	5109 	5409 	
(4409+RP0401C) 	(6109+RP0401B) 	(6409+RP0401C) 	(5109+RP0401F) 	(5409+RP0401G) 	
4429 		6429 		5429 	
(4416+RP0401D) 		(6418+RP0401D) 		(5418+RP0401E) 	
4419 		6419 		5419 	
(4408+RP0401E) 		(6408+RP0401E) 		(5408+RP0401E) 	

LINE		LOADMASTER SCHOOL BUS CHASSIS	
SERIES SYMBOL		4500	6700
DE- SCRIP- TION	Nominal capacity	1-1/2 Ton	2 Ton
	GVW (pounds)	10500-12000	13500-15000
	Basic rear wheels	Dual	Dual
	Wheelbase	161	199
SCHOOL BUS FLAT FACE COWL CHASSIS		4502	6702
For bodies other than Chevrolet.			

also, series 6100S, 6400S, 5100S, 5400S, 5700S are available (13000-15000 GVW) and identified as 2 Ton Special. Models and equipment of these Special Series are the same as the respective 2 Ton series, except for the tires shown on page 100, and the identification plate showing 15000 maximum GVW.

REGULAR PRODUCTION OPTIO

ITEM			SERIES															
			3100	3600	3800	4100	4400	4502	5100	5400	5700	6100	6400	6702				
Tire and wheel equipment*	15"-6 pr	5 tires-5 wheels	X															
		4 tires-5 wheels	X															
		1 tire-spares		273M														
	15"-8 pr	5 tires-5 wheels	X															
		4 tires-5 wheels	X															
		4 tires		280J														
	6.50-16-6 pr	5 tires	X															
		4 tires	X															
	7.00-17-6 pr	2 tires-front		277A														
		2 tires-rear		277B														
		1 tire-spares		277E														
	7.00-17-8 pr	2 tires-front		278A	278H													
		2 tires-rear		278B	278D													
		1 tire-spares		278F														
	7.00-18-8 pr	6 tires-7 wheels			X													
		1 tire-spares			X													
	7.50-17-8 pr	2 tires-front		272A	272F													
		2 tires-rear		272B	272G													
		1 tire-spares		272H														
	6.50-20-6 pr	2 tires-front				X	X											
		4 tires-rear				X	X											
		1 tire-spares					289D											
	6.50-20-8 pr	2 tires-front				X	X	286A										
		4 tires-rear				X	X	286B										
		1 tire-spares					286C											
	7.00-20-8 pr	2 tires-front Y				X	X											
		2 tires-front				X	X	300P										
		4 tires-rear				X	X	300R										
		2 tires-rear S				X	X											
		4 tires-rear S				X	X	300X										
		1 tire-spares					300S											
	7.00-20-10 pr	2 tires-front				X	X	296G										
		2 tires-front Y				X	X											
		2 tires-rear				X	X											
		4 tires-rear				X	X	296F										
		1 tire-spares					296E											
		7.50-20-8 pr	2 tires-front				X Y	X Y										
	4 tires-rear					X Y	X Y											
	1 tire-spares						304M						304M					
	7.50-20-10 pr	2 tires-front				X Y	X Y											
		4 tires-rear				X Y	X Y											
1 tire-spares						305V												
8.25-20-10 pr	2 tires-front											343X			343M			
	4 tires-rear S											X	X	X	X	X	343P	
	4 tires-rear Ø											X	X	X	X	X	343T	
	1 tire-spares														343E			
8.25-20-12 pr	2 tires-front											344L			344A			
	4 tires-rear S											X	X	X	X	X	344E	
	4 tires-rear Ø											X	X	X	X	X	344H	
	1 tire-spares														344C			
Wheels 20 x 5.00S (front)					X	X												

\* - The tires shown in this chart are available for series and models indicated, in RPO combinations or used on the front and provided front, rear and spare wheels remain interchangeable.  
 S - Mud and snow tread. Ø - With single speed axle. Y - With heavy duty  
 CONTINUED

AR PRODUCTION OPTIONS—Continued

					MODELS														
00	5700	6100	6400	6702	02	22	12	32	05	07	16	03	04	08	09	18	19	29	
					273H		273H				273H								
						273L		273L											
					280P		280F				280F								
						280H		280H											
					282G		282G				282G								
						282J		282J											
							295A					295A			295C				
					295B		295B					295B			295B				
							289E												
							289F												
							286D					286A				286A			
							286E					286B				286B			
												300A			300A W/7.50-20-8 or 10 on rear				
												300P			300P W/7.00-20-8 or 10 on rear				
							300T					300R				300R			
							300V												
							300W					300X				300X			
							296H					296G				296G			
							296J					296K				296K			
							296D												
							296C					296F				296F			
							304A					304B				304B			
							304C					304D				304D			
					304M														
					305T		305A					305B				305B			
					305U		305C					305D				305D			
					305V														
					343X		343M												
	X	X	X	X	343P		343N					343N				343V			
	X	X	X	X	343T		343S					343S				343W			
					343E														
					344L		344A												
	X	X	X	X	344E		344B					344B				344J			
	X	X	X	X	344H		344F					344F				344K			
					344C														
							292A												

i, in RPO combinations or standard and RPO combinations, provided tires of a larger size or ply rating are not available.

de. F - With heavy duty equipment.

CONTINUED

**REGULAR PRODUCTION**

The information contained in this chart is applicable to "Series" and "Models" as follows:  
 When RPO number appears in "Series" column, it indicates that number shown is available for all models.  
 When "X" appears in "Series" column, refer to "Models" column to determine RPO number and models for

ITEM			SERIES													
			3100	3600	3800	4100	4400	4502	5100	5400	5700	6100	6400	6702		
Body equipment	Rear view mirror	Short arm RH	X	X	X	X	X		X	X	X	X	X			
		Long arm LH	X													
		Long arm LH		X	X											
		Long arm RH	X	X	X	X	X		X	X	X	X	X			
		Short arm LH		X	X	X	X		X	X	X	X	X			
	Color combinations			234 for all models except												
	Aux. seat	Imitation leather	X		X											
		Genuine leather	X		X											
	Sign panel				X											
	Platform skirt & tool box					X	X	X		X	X		X	X		
	Platform skirt & tool box							X						X		
	Genuine leather trim			X	X	X	X	X		X	X	X	X	X		
	Heater & defroster (fresh air)			X	X	X	X	X		385B			X	X		
	Radiator grille (chrome)			386A												
	Rear corner windows			X	X	X	X	X					X	X		
	Deluxe equipment (cabs)			X	X	X				X	X	X				
	Deluxe equipment (cabs)						X	X					X	X		
	Deluxe equipment (cabs)									X	X	X				
	Platform body	For 17" tires		X												
		For 7.50 x 20 8 or 10 pr tires					X									
Stake rack body				X												
Stake rack body					X	X						X				
Stake rack body							X						X			
Stake rack body									X							
Stake express body							X						X			
Stake express body										X						
Stock rack body							X			X			X			
1-1/2 Ton special (S models)									402B			402A				
1-1/2 Ton special (S models)									402B			402A				
Engine equipment	Air cleaner	1 pound	216D													
	oil bath type	2 pound	216E													
	Economy engine			224A												
	Heavy duty engine	No Hydrovac					225F	225G								
		Hydrovac					225H	225J								
	Heavy duty clutch			227B												
	Carb. to accel. lever rod	Half throttle-no gov.		260A												
		Full throttle & gov.		260B												
	Four speed transmission	Half throttle & gov.		260D												
				X												
Oil filter				X												
Oil filter			237B			237C			237B							
Governor			241A													

CONTINUED

10-1-47

CHEVROLET 1947 SPECIFICATIONS--TRUCKS



# REGULAR PRODUCTION OPTIONS

as follows:  
 available for all models of that series.  
 0 number and models for which equipment is available.

					MODELS															
00	5700	6100	6400	6702	02	22	12	32	05	07	16	03	04	08	09	18	19	29		
X	X	X	X						210G											
												210H								
												210I								
X	X	X	X									210J								
X	X	X	X								210K									
for all models except 3116 carryall (see page no. 57 for color details)																				
									263A	263B										
									263C	263D										
														351A						
X		X	X											351B					351B	
														353A					353A	
X	X	X	X						361E	361G				361C						
35B		X	X											385A						
All models indicated except 3116 on which chrome grille is regular equipment.																				
		X	X											387A						
X	X											387B				387B				
												390A								
		X	X									390D				390D				
X	X											390E				390E				
									390B											
														230A						
														230B						
														230C		230D	230C	230D		
														401A						
		X												401B						
			X											401C						
X														401F						
														401G						
X																			401D	
X																			401H	
X																		401E		
														402A						
02B																				
(Used with economy engine without governor)																				
(Used with regular engine with governor)																				
(Used with economy engine with governor)																				
									318A	318B										
									318C	318D			318D							
37C														237B						

CONTINUED

**EXTERIOR COLORS AND FINISHES**

ITEM		BASIC AND DECORATIVE FINISHES		
		Carryall Suburban	Conventional Trucks	Cab-over-engine Trucks
Bumpers	Thrifmaster	Chrome plated		
	Loadmaster			Anvil Gray Baking Dulux
Gravel Deflectors		Channel Green Bak. Dul.	Forester Green Baking Dulux	
Regular	Outer bars	Chrome plated		
Radiator	Inner bars	Channel Green Bak. Dul.		
Grille	Outer bar stripes		Cream Med. Striping Duco.	One stripe on each bar.
RPO Rad.	Outer bars		Chrome plated	
Grille ⑥	Inner bars		Forester Green Bak. Dul.	
Hood	Hood proper	Channel Green	Forester Green Baking Dulux	
	Center molding	Baking Dulux		
	Hood handles			
	Emblem	Trade mark	Cloisonne Blue Metallic Baking Dulux	
		Stripes & letters	Vermilion Baking Dulux "CHEVROLET"	
		Background	Chrome plated	
		Name plate	Stripes & letters	Vermilion Baking Dulux "THRIFTMASTER" or "LOADMASTER" see page 57
	Background	Chrome plated including lettering, "CHEVROLET".		
Head-lamps	Rims	Chrome plated		
	Doors			
Fenders	Fenders proper	Channel Green Bak. Dul.	Forester Green Baking Dulux	
	Anti-squeak	Black		
	Fender step panel			Forester Green Bak. Dul.
	Fender scuff mat			Black rubber
	RPO moldings *		Polished stainless steel (Panel models only)	
Regular wheels		Fathom Green Bak. Dul.	Black Baking Dulux	
Hub caps (See page 57)		Chrome plated.	Vermilion Baking Dulux Letters	
RPO	Wheels proper		Forester Green Bak. Dul.	
Wheels *	Striping (See page 57)	15" rims	No stripes	
		16" rims	Three stripes of Cream Medium Striping Duco	
		17" rims	Two stripes of Cream Medium Striping Duco	
Cab or single unit body proper including the belt molding.		Upper body - Fathom Green Baking Dulux. Lower body - Channel Green Baking Dulux.	Forester Green Baking Dulux	
Cab or single unit body striping on belt molding.		Two stripes of Cream Medium Striping Duco	One stripe of Cream Medium Striping Duco	
Wind-shield	Seal	Black rubber		
	Reveal molding	Polished stainless steel	RPO only. Polished stainless steel.*	
	Divider bar	Polished stainless steel.		
	Wipers	Chrome plated rods and bars. Stainless steel optional		
Rear View Mirror	Arm	Black Baking Dulux		
	Mirror case			
Side Door Window Reveals	Regular	Fathom Green Bak. Dul.	Forester Green Baking Dulux	
	RPO *		Polished stainless steel	
Side Door Handles and Lock			Chrome plated	
Side Door Hinges				Forester Green Bak. Dul.
Assist Handles			Chrome plated	
Side Window Divider Bars		Chrome plated		
Rear Window Seal			Black rubber	
RPO Rear Door Window Reveals*			Polished stainless steel (Panel models only)	

\* - Part of RPO 390 Deluxe Equipment.

⑥ - For 3000 series only. RPO 386 Radiator Grille Equipment or RPO 390 Deluxe Equipment

CONTINUED

**EXTERIOR COLORS AND FINISHES--Continued**

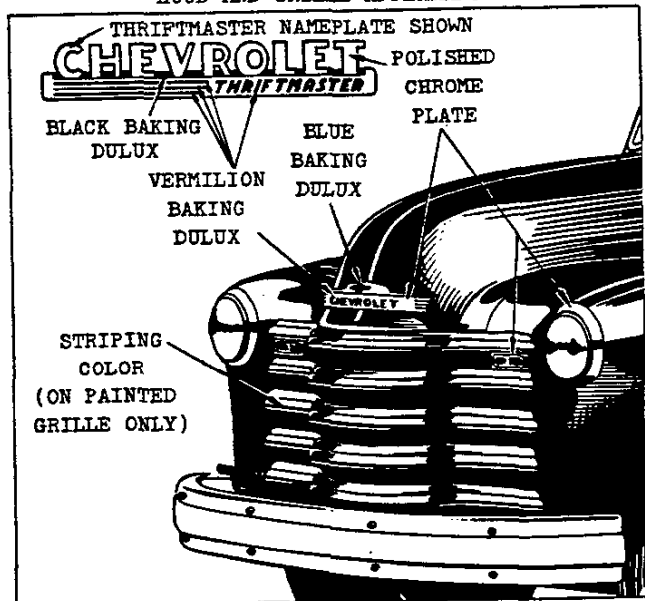
ITEM	BASIC AND DECORATIVE FINISHES		
	Carryall Suburban	Conventional Trucks	Cab-over-engine Trucks
RPO Rear Corner Window Seal*		Black rubber	
Running Boards	Black Baking Dulux		Black rubber mats
Running Board Aprons			Forester Green Bak. Dul.
Gasoline Tank proper		Black Baking Dulux	
Tank	Filler neck		
	Filler neck seal	Black rubber	
	Cap	Single unit models, body color; all others black.	
Pickup box and aprons		Forester Green Bak. Dul.	
Stake, Stock, and Express Racks		Forester Green Air Dry Dulux	
Platform	Rub rail		
	Load space	Black Enamel	
	Underbody		
RPO Metal Sign Panel		Forester Green Air Dry Dulux	
Tail and Lens		Ruby Glass	
Stop Lamp	Body	Black	
	Rim	Polished chrome plating	

\* - RPO 357 Rear Corner Window Equipment or RPO 390 Deluxe Equipment.

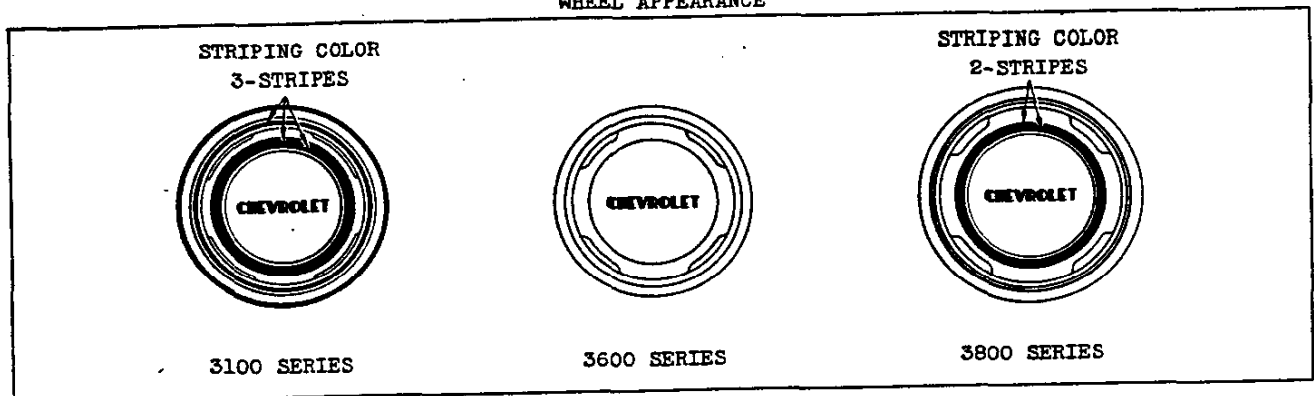
PAINT COLOR COMBINATIONS		
Regular or RPO Ө	Basic color (Baking Dulux)	Striping color (Duco)
Regular	Forester Green. Not used on Carryall Suburban.	
	Fathom Green upper body. Channel Green lower body. Used on Carryall Suburban.	Cream Medium
234A	Swift's Red	Argent Silver
234B	Armour Yellow	Black
234C	White	Emerald Green
234D	Black	Argent Silver
234E	Omaha Orange	Black
234F	Cape Maroon	Gold
234G	Mariner Blue	Cream Medium
234H	Windsor Blue	
234J	Seacrest Green	Gold
234K	Sun Beige	Totem Scarlet
234L	Cream Medium	Black

Ө - RPO Color Combinations are available on all models except the Carryall Suburban.

**HOOD AND GRILLE APPEARANCE**



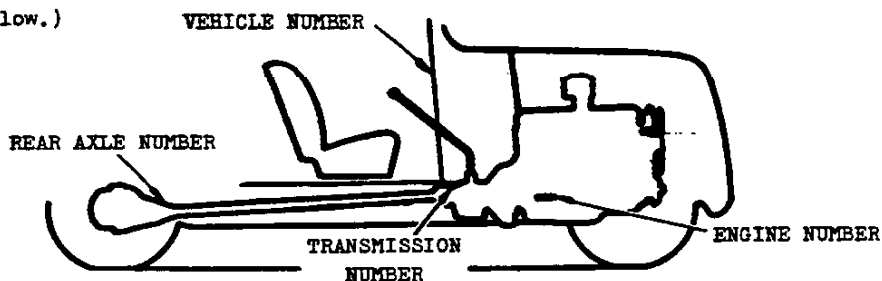
**WHEEL APPEARANCE**



8-29-47

### SERIAL NUMBERS

SERIAL NUMBER LOCATIONS  
(See descriptions below.)



NOTE: Serial numbers were obtained from Standards Department.

UNITS		3100	3600	3800	4100	4400	4502	6702	6100	6400	5100	5400	5700
VEHICLE	Prefix	EP	ER	ES	QJ	QK	QL	QX	QV*	QW*	QP*	QR*	QS*
	Number	Includes symbols for assembly plant, model year, month assembled, and vehicle number. Example: 1EP-E-1234. The first figure indicates assembly plant; (1-Flint, Mich.; 2-Tarrytown, N.Y.; 3-St.Louis, Mo.; 5-Kansas City, Mo.; 6-Oakland, Cal.; 8-Atlanta, Ga.; 9-Norwood, O.; 14-Baltimore, Md.; 20 Van Nuys, Cal.; 21-Janesville, Wis.). The first two letters indicate the model prefix; the third letter, the month. The figures begin at 1001 at each assembly plant and continue in numerical sequence. Special 5000S, 6100S & 6400S series are numbered in sequence with respective 5000 & 6000 series.											
	Location	Stamped on plate on rear face of left door pillar on all models except flat face cowl which has its plate on left hand cowl inner side panel.											
REAR AXLE	Pre-fix	Detroit	Reg.	EE	EG	QC	QL	QG					
		RPO			QA**	QE (RPO 204)	QN (RPO 202, 2 speed)						
	Buffalo	Reg.	EF	EH	QD	QM	QH						
		RPO			QB**	QF (RPO 204)	QP (RPO 202, 2 speed)						
	Number	Includes prefix letters and calendar day of production. Example EE-0102. This indicates that axle was built in Detroit. "01" designates January; "02" designates the second day of the month.											
	Location	Stamped on front upper surface of differential carr.						Regular axle, stamped on upper face of horizontal rib of differential carrier. Two speed axle, stamped on top of differential carrier.					
ENGINE	Pre-fix	Flint	Reg.	EBA	AECA	ECA	EEA						EDA
			RPO227	BECA									
	RPO225					AEEA							
	RPO212				ECD								
	Tona-wanda	Reg.	EBM	AECM	ECM	EEM						EDM	
		RPO227	BECM										
		RPO225				AEEM							
		RPO212				ECQ							
	Number	Starts at 1001 at each plant shown and continues in numerical sequence.											
	Location	Stamped on crankcase on right hand side of engine to rear of distributor.											
TRANS-MISSION	Pre-fix	Saginaw	Reg.	EN	EQ	QA						QD	
			RPO	QK (RPO 318)					QG (RPO 348)				
	Muncie	Reg.	EO	ER	QB						QE		
		RPO	QL (RPO 316)					QH (RPO 348)					
	Toledo	Reg.	EP	ES	QC						QF		
RPO		QM (RPO 318)					QJ (RPO 348)						
	Number	All three speed transmissions are numbered in sequence starting with 1001 at each plant. All four speed transmissions are numbered in sequence starting with 1001 at each plant.											
	Location	On case at rear edge of cover.						Stamped on rear left hand side of case.					

\* - QVS on 6100S series, QWS on 6400S series, QPS on 5100S series, QRS on 5400S series, QSS on 5700S series.  
\*\* - QA and QB on models 3802-03-08-12-22-32 with RPO 295.

### VEHICLE WEIGHT DEFINITIONS

**SHIPPING WEIGHT:** This weight is established by the Traffic Department; it is the basic weight of the vehicle with all regular equipment and with grease and oil wherever required. It does not include the weights of gasoline or water.

**CURB WEIGHT:** This is the weight of the empty vehicle ready to drive. It is the shipping weight plus the weight of gasoline, water, and spare tire on models which do not include the spare tire as basic equipment.

FOR GROSS VEHICLE WEIGHT: See page 100

### LIGHT DUTY TRUCK WEIGHTS

TRUCK RATING AND WHEELBASE	MODEL	DESCRIPTION	TOTAL		FRONT		REAR	
			SHIP.	CURB	SHIP.	CURB	SHIP.	CURB
1/2 Ton 116 Wheelbase	3102	Flat Face Cowl Chassis	2420	2550				
	3103	Cab Chassis	2915	3045				
	3104	Pickup Truck	3205	3335	1770	1825	1435	1510
	3105	Panel Truck	3415	3545	1730	1775	1685	1770
	3107	Canopy Express Truck	3415	3545				
	3112	Windshield Cowl Chassis	2470	2600				
	3116	Carryall Suburban	3515	3645				
	3122	Flat Face Cowl Stripped Chassis	2055	2215				
	3132	Windshield Cowl Stripped Chassis	2105	2265				
3/4 Ton 125-1/4 Wheelbase	3602	Flat Face Cowl Chassis	2660	2830				
	3603	Cab Chassis	3180	3350				
	3604	Pickup Truck	3440	3610				
	3608	Platform Truck	3560	3730				
	3609	Stake Truck	3720	3890				
	3612	Windshield Cowl Chassis	2710	2880				
	3622	Flat Face Cowl Stripped Chassis	2400	2570				
	3632	Windshield Cowl Stripped Chassis	2450	2620				

### MEDIUM DUTY TRUCK WEIGHTS

TRUCK RATING AND WHEELBASE	MODEL	DESCRIPTION	TOTAL		FRONT		REAR	
			SHIP.	CURB	SHIP.	CURB	SHIP.	CURB
1 Ton 137 Wheelbase	3802	Flat Face Cowl Chassis	2910	3095				
	3803	Cab Chassis	3440	3625				
	3804	Pickup Truck	3845	4030				
	3805	Panel Truck	4220	4405				
	3807	Canopy Express Truck	4210	4395				
	3808	Platform Truck	3955	4140				
	3809	Stake Truck	4195	4380				
	3812	Windshield Cowl Chassis	2960	3145				
	3822	Flat Face Cowl Stripped Chassis	2750	2935				
	3832	Windshield Cowl Stripped Chassis	2800	2985				
1-1/2 Ton 137 Wheelbase	4102	Flat Face Cowl Chassis	3280	3475				
	4103	Cab Chassis	3940	4125				
	4108	Platform Truck	4440	4625				
	4109	Stake Truck	4690	4875				
	4112	Windshield Cowl Chassis	3330	3525				
	4122	Flat Face Cowl Stripped Chassis	2965	3160				
	4132	Windshield Cowl Stripped Chassis	3015	3210				

CONTINUED

**MEDIUM DUTY TRUCK WEIGHTS—Continued**

TRUCK RATING AND WHEELBASE	MODEL	DESCRIPTION	TOTAL		FRONT		REAR	
			SHIP.	CURB	SHIP.	CURB	SHIP.	CURB
1-1/2 Ton 161 Wheelbase	4402	Flat Face Cowl Chassis	3390	3585				
	4403	Cab Chassis	4050	4235				
	4408	Platform Truck	4720	4905				
	4409	Stake Truck	5070	5265				
	4412	Windshield Cowl Chassis	3440	3635				
	4418	Express Platform Truck	4705	4890				
	4419	High Rack (Stock) Truck	5245	5430				
	4422	Flat Face Cowl Stripped Chassis	3075	3270				
	4429	Express Stake Truck	5035	5220				
4432	Windshield Cowl Stripped Chassis	3125	3320					

**HEAVY DUTY TRUCK WEIGHTS**

TRUCK RATING AND WHEELBASE	MODEL	DESCRIPTION	TOTAL		FRONT		REAR	
			SHIP.	CURB	SHIP.	CURB	SHIP.	CURB
2 Ton COE 110 Wheelbase	5103*	Cab Chassis	4380	4590				
	5108*	Platform Truck	4885	5095				
	5109*	Stake Truck	5135	5345				
	5112*	Windshield Cowl Chassis	4165	4375				
2 Ton COE 134 Wheelbase	5403*	Cab Chassis	4600	4810				
	5408*	Platform Truck	5250	5460				
	5409*	Stake Truck	5555	5765				
	5412*	Windshield Cowl Chassis	4385	4595				
	5418*	Express Platform Truck	5260	5470				
	5419*	High Rack (Stock) Truck	5820	6030				
2 Ton COE 158 Wheelbase	5703*	Cab Chassis	4685	4895				
	5712*	Windshield Cowl Chassis	4470	4680				
2 Ton Conventional 137 Wheelbase	6102*	Flat Face Cowl Chassis	3895	4105				
	6103*	Cab Chassis	4415	4625				
	6108*	Platform Truck	4945	5155				
	6109*	Stake Truck	5185	5395				
	6112*	Windshield Cowl Chassis	3945	4155				
	6122*	Flat Face Cowl Stripped Chassis	3580	3790				
2 Ton Conventional 161 Wheelbase	6132*	Windshield Cowl Stripped Chassis	3630	3840				
	6402*	Flat Face Cowl Chassis	3975	4185				
	6403*	Cab Chassis	4495	4705				
	6408*	Platform Truck	5205	5415				
	6409*	Stake Truck	5555	5765				
	6412*	Windshield Cowl Chassis	4025	4235				
	6418*	Express Platform Truck	5185	5395				
	6419*	High Rack (Stock) Truck	5845	6055				
6422*	Flat Face Cowl Stripped Chassis	3660	3870					
6429*	Express Stake Truck	5515	5725					
6432*	Windshield Cowl Stripped Chassis	3710	3920					

\* - Shipping weight and curb weight is approximately the same for corresponding 5100S, 5400S, 5700S, 6100S, and 6400S models in the "1-1/2 Ton Special" series.

**SCHOOL BUS CHASSIS WEIGHTS**

TRUCK RATING AND WHEELBASE	MODEL	DESCRIPTION	TOTAL		FRONT		REAR	
			SHIP.	CURB	SHIP.	CURB	SHIP.	CURB
1-1/2 Ton 161 Wheelbase	4502	School Bus Flat Face Cowl Chassis	3815	4075				
2 Ton 199 Wheelbase	6702	School Bus Flat Face Cowl Chassis	4295	4580				

8-29-47

**CHEVROLET 1947 SPECIFICATIONS—TRUCKS**

**VEHICLE WEIGHTS-60**

**EQUIPMENT WEIGHTS**

<u>EQUIPMENT</u>	<u>WEIGHT</u>
Cab,COE - entire UPC group 1 -----	
Cab,Conventional - entire UPC group 1 ----	602
Canopy express body - as shipped:	
3107 -----	
3807 -----	
Garryall suburban body - as shipped -----	
Cowl, flat face - entire UPC group 1 ----	110
Cowl and windshield - entire UPC group 1 -	203
Panel body - as shipped:	
3105 -----	1033
3805 -----	
Pickup body - as shipped:	
3104 -----	259
3604 -----	295
3804 -----	318
Platform, regular - as shipped:	
3608 -----	
3808, 4108 -----	514
4408 -----	670
5108, 6108 -----	531
5408, 6408 -----	709
Platform, express type - as shipped:	
4418 -----	
5418, 6418 -----	
Rack, express stake - as shipped:	
4429, 5429, 6429 -----	
Rack, regular stake - as shipped:	
3609 -----	160
3809, 4109, 5109, 6109 -----	238
4409, 5409, 6409 -----	286
Rack, stock (high) - as shipped:	
4419, 5419, 6419 -----	

The following is the total weight of one wheel and one tire assembly complete for regular production or RPO use.

6.00-16-4 ply rating -----	43
6.00-16-6 ply rating -----	49
6.50-16-6 ply rating -----	49
-15-6 ply rating -----	71
-15-8 ply rating -----	72
7.00-17-6 ply rating -----	84
7.00-17-8 ply rating -----	87
7.50-17-8 ply rating -----	91
7.00-18-8 ply rating -----	94
6.50-20-6 ply rating -----	93
6.50-20-8 ply rating -----	99
7.00-20-8 ply rating -----	104
7.00-20-10 ply rating -----	114
7.50-20-8 ply rating -----	126
7.50-20-10 ply rating -----	141
8.25-20-10 ply rating -----	151
8.25-20-12 ply rating -----	159

10-1-47

**CHEVROLET 1947 SPECIFICATIONS--TRUCKS**

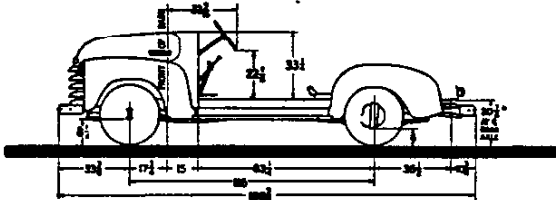
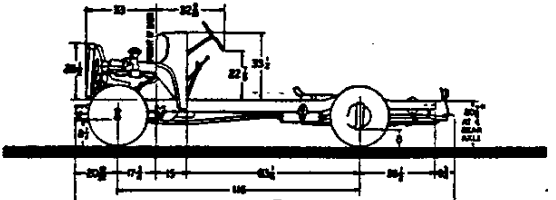
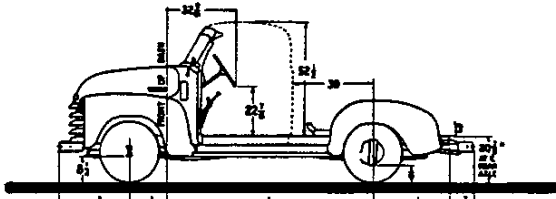
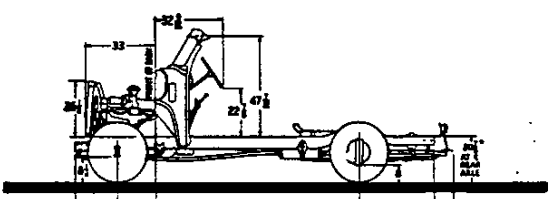
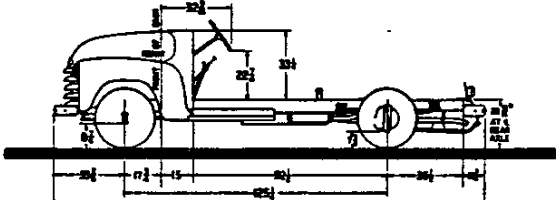
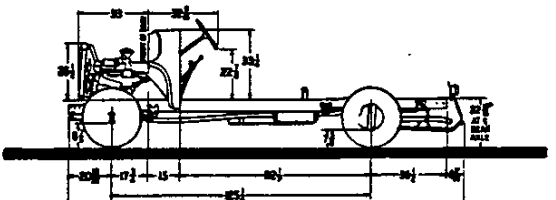
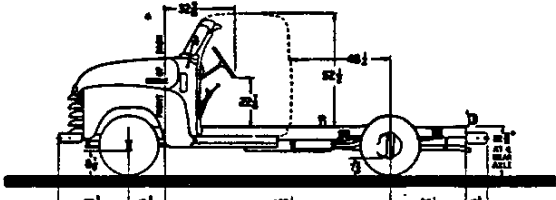
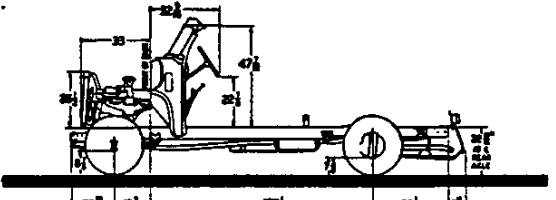
The following are added weight differentials over and above standard when the following equipment is used in place of regular equipment.

<u>EQUIPMENT</u>	<u>ADDED WEIGHT DIFFERENTIAL</u>
Axle, two speed:	
5000 -----	145
6000 -----	150
Brake, propeller shaft:	
4502, 6702 -----	35
Brake equipment, vacuum power:	
4000 -----	28
Frame, heavy duty:	
4100 -----	55
Heater, fresh air:	
3000, 4000, 5000, 6000 -----	25
Long running boards and rear fenders:	
3600, 3800 -----	60
Platform skirts and tool box:	
4400, 6400 -----	
Radiator, heavy duty:	
3600, 3800, 4000 -----	13
Seat, auxiliary:	
3105, 3107, 3805, 3807 -----	40
Shock absorbers, double acting front:	
3000 -----	8
4000, 5000, 6000 -----	23
Shock absorbers, double acting rear:	
3100 -----	11
3600 -----	7
3800 -----	21
4000, 6702 -----	38
Springs, auxiliary rear:	
4100, 4400 -----	75
Springs, two stage rear:	
6400 ----- deduct	35
Tank, vacuum reserve:	
4100, 4400, 5000, 6100, 6400 -----	
4502, 6702 -----	
Transmission, four speed:	
3100, 3600 -----	50
Wheel carrier, back of cab:	
4100, 4400 -----	40
5000, 6100, 6400 -----	35

\* - All weights shown are accurate or a close estimate, and may be used for all normal informational purposes. It has been found advisable, however, to recommend to those using these data in combinations other than shown above, that they should confirm their results with this or some other authoritative source, for the purpose of avoiding errors of misinterpretation.

**EQUIPMENT WEIGHTS-61**

**THRIFTMASTER SERIES CHASSIS DIMENSIONS**

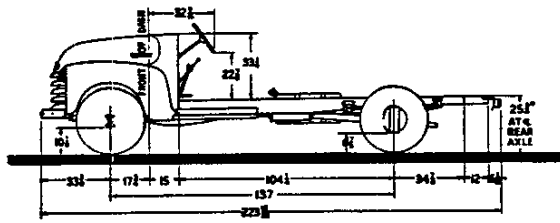
<p>3102 1/2 TON FLAT FACE COWL CHASSIS</p>  <p>*-Loaded height with 6.00-16-6 pr tires</p>	<p>3122 1/2 TON FLAT FACE COWL STRIPPED CHASSIS</p>  <p>*-Loaded height with 6.00-16-6 pr tires</p>
<p>3103 1/2 TON CAB CHASSIS 3112 1/2 TON WINDSHIELD COWL CHASSIS</p>  <p>*-Loaded height with 6.00-16-6 pr tires</p>	<p>3132 1/2 TON WINDSHIELD COWL STRIPPED CHASSIS</p>  <p>*-Loaded height with 6.00-16-6 pr tires</p>
<p>3602 3/4 TON FLAT FACE COWL CHASSIS</p>  <p>*-Loaded height with 15"-6 pr tires</p>	<p>3622 3/4 TON FLAT FACE COWL STRIPPED CHASSIS</p>  <p>*-Loaded height with 15"-6 pr tires</p>
<p>3603 3/4 TON CAB CHASSIS 3612 3/4 TON WINDSHIELD COWL CHASSIS</p>  <p>*-Loaded height with 15"-6 pr tires</p>	<p>3632 3/4 TON WINDSHIELD COWL STRIPPED CHASSIS</p>  <p>*-Loaded height with 15"-6 pr tires</p>

CONTINUED



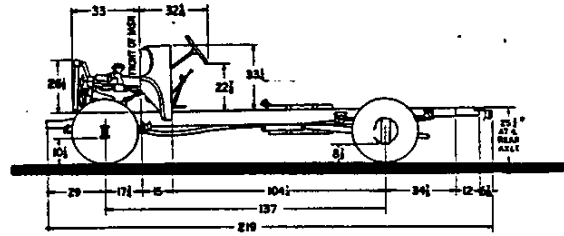
**THRIFTMASTER SERIES CHASSIS DIMENSIONS—Continued**

**3802 1 TON FLAT FACE COWL CHASSIS**



\*-Loaded height with 7.00-17-6 pr tires

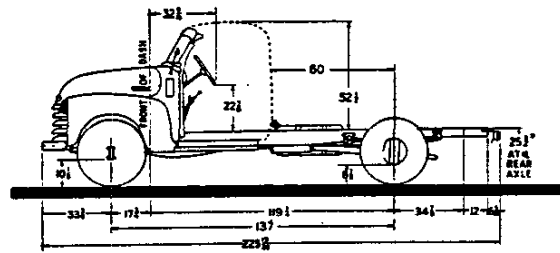
**3822 1 TON FLAT FACE COWL STRIPPED CHASSIS**



\*-Loaded height with 7.00-17-6 pr tires

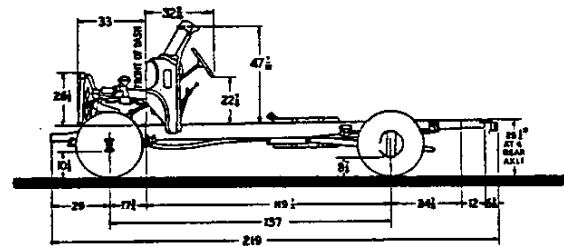
**3803 1 TON CAB CHASSIS**

**3812 1 TON WINDSHIELD COWL CHASSIS**



\*-Loaded height with 7.00-17-6 pr tires

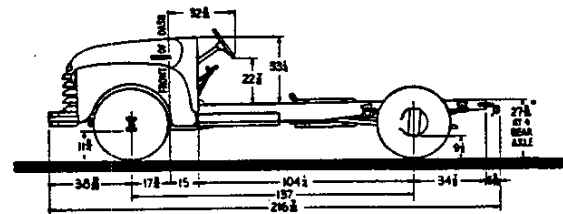
**3832 1 TON WINDSHIELD COWL STRIPPED CHASSIS**



\*-Loaded height with 7.00-17-6 pr tires

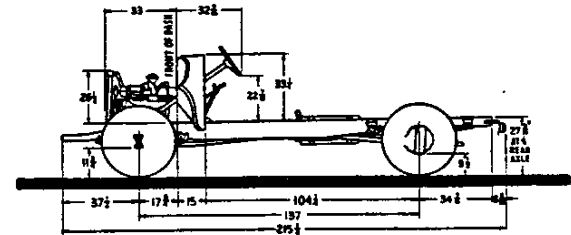
**LOADMASTER SERIES CHASSIS DIMENSIONS**

**4102 1-1/2 TON FLAT FACE COWL CHASSIS**



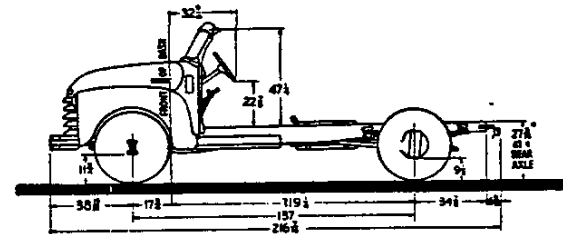
\*-Loaded height with 7.00-20-8 pr tires

**4122 1-1/2 TON FLAT FACE COWL STRIPPED CHASSIS**



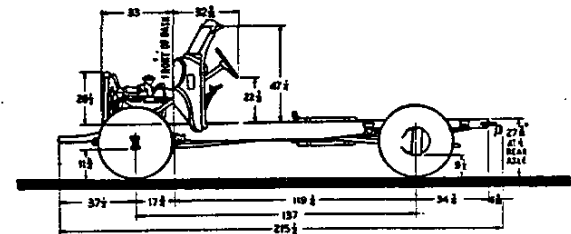
\*-Loaded height with 7.00-20-8 pr tires

**4112 1-1/2 TON WINDSHIELD COWL CHASSIS**



\*-Loaded height with 7.00-20-8 pr tires

**4132 1-1/2 TON WINDSHIELD COWL STRIPPED CHASSIS**

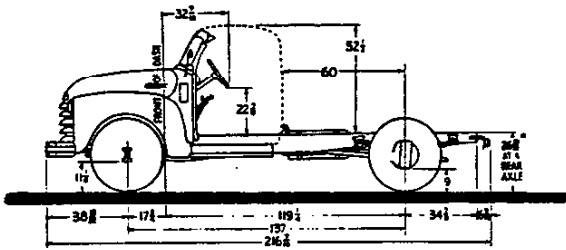


\*-Loaded height with 7.00-20-8 pr tires

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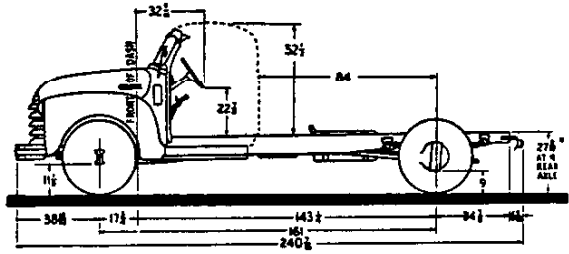
LOADMASTER SERIES CHASSIS DIMENSIONS—Continued

4103 1-1/2 TON CAB CHASSIS



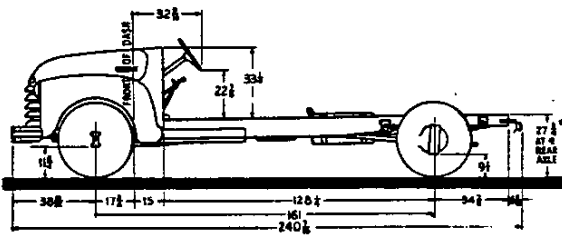
\*-Loaded height with 6.50-20-6 pr dual tires

4403 1-1/2 TON CAB CHASSIS



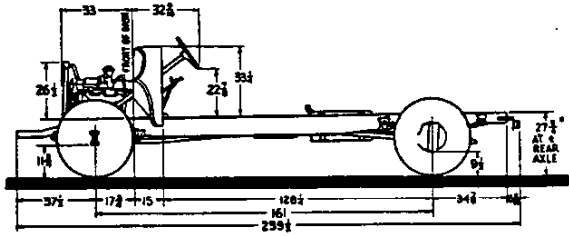
\*-Loaded height with 6.50-20-6 pr dual tires

4402 1-1/2 TON FLAT FACE COWL CHASSIS



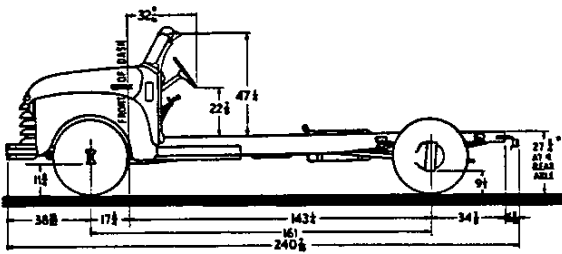
\*-Loaded height with 7.00-20-8 pr tires

4422 1-1/2 TON FLAT FACE COWL STRIPPED CHASSIS



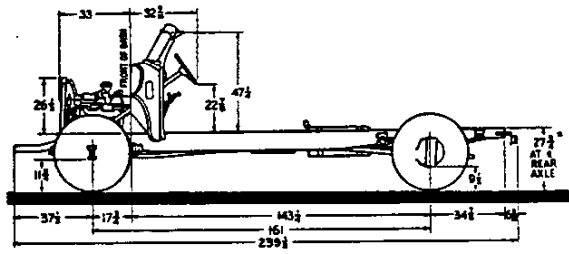
\*-Loaded height with 7.00-20-8 pr tires

4412 1-1/2 TON WINDSHIELD COWL CHASSIS



\*-Loaded height with 7.00-20-8 pr tires

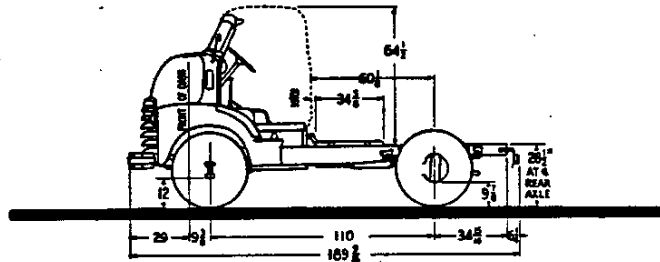
4432 1-1/2 TON WINDSHIELD COWL STRIPPED CHASSIS



\*-Loaded height with 7.00-20-8 pr tires

5103S 1-1/2 TON SPECIAL AND 5103 2 TON COE CAB CHASSIS

5112S 1-1/2 TON SPECIAL AND 5112 2 TON COE WINDSHIELD COWL CHASSIS



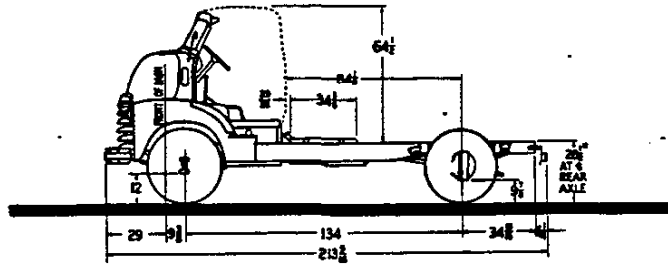
\*-Loaded height with 7.50-20-8 pr dual tires

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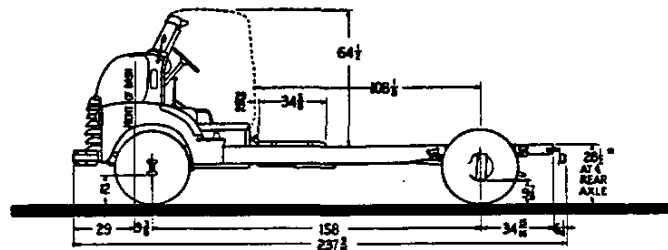
**LOADMASTER SERIES CHASSIS DIMENSIONS—Continued**

5403S 1-1/2 TON SPECIAL AND 5403 2 TON COE CAB CHASSIS  
 5412S 1-1/2 TON SPECIAL AND 5412 2 TON COE WINDSHIELD COWL CHASSIS



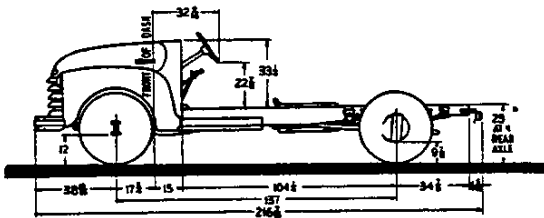
\*-Loaded height with 7.50-20-8 pr dual tires

5703S 1-1/2 TON SPECIAL AND 5703 2 TON COE CAB CHASSIS  
 5712S 1-1/2 TON SPECIAL AND 5712 2 TON COE WINDSHIELD COWL CHASSIS



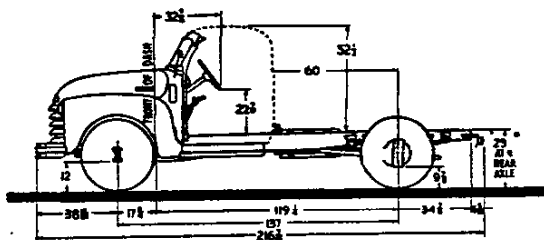
\*-Loaded height with 7.50-20-8 pr dual tires

6102S 1-1/2 TON SPECIAL AND 6102 2 TON FLAT FACE COWL CHASSIS



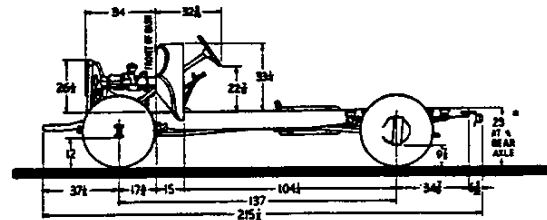
\*-Loaded height with 7.50-20-8 pr dual tires

6103S 1-1/2 TON SPECIAL AND 6103 2 TON CAB CHASSIS  
 6112S 1-1/2 TON SPECIAL AND 6112 2 TON WINDSHIELD COWL CHASSIS



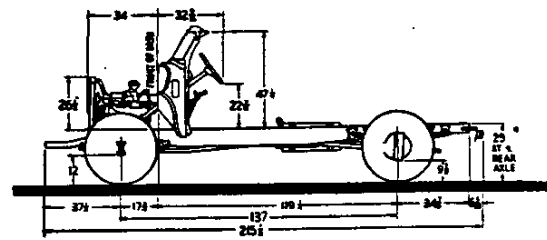
\*-Loaded height with 7.50-20-8 pr dual tires

6122S 1-1/2 TON SPECIAL AND 6122 2 TON FLAT FACE COWL STRIPPED CHASSIS



\*-Loaded height with 7.50-20-8 pr dual tires

6132S 1-1/2 TON SPECIAL AND 6132 2 TON WINDSHIELD COWL STRIPPED CHASSIS

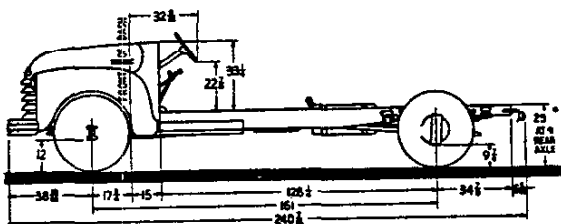


\*-Loaded height with 7.50-20-8 pr dual tires

CONTINUED

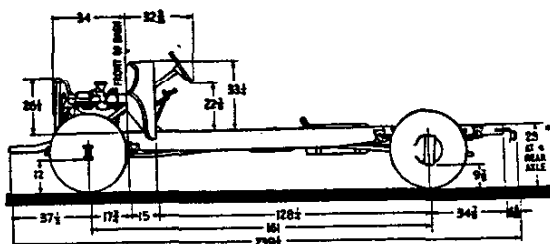
**LOADMASTER SERIES CHASSIS DIMENSIONS—Continued**

6402S 1-1/2 TON SPECIAL AND 6402 2 TON FLAT FACE COWL CHASSIS



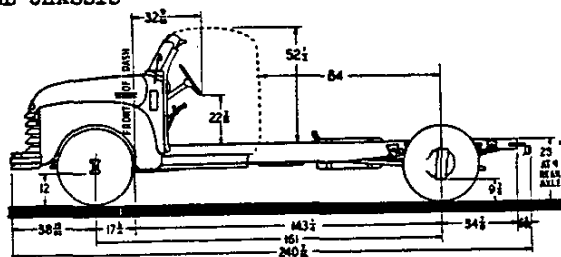
\*-Loaded height with 7.50-20-8 pr dual tires

6422S 1-1/2 TON SPECIAL AND 6422 2 TON FLAT FACE COWL STRIPPED CHASSIS



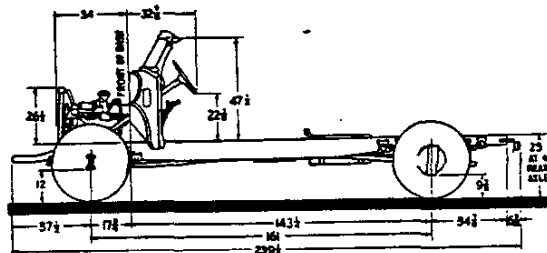
\*-Loaded height with 7.50-20-8 pr dual tires

6403S 1-1/2 TON SPECIAL AND 6403 2 TON CAB CHASSIS  
6412S 1-1/2 TON SPECIAL AND 6412 2 TON WINDSHIELD COWL CHASSIS



\*-Loaded height with 7.50-20-8 pr dual tires

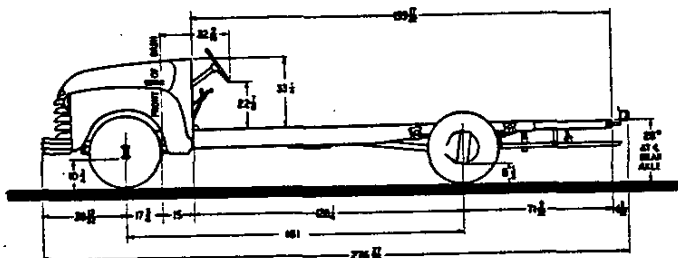
6432S 1-1/2 TON SPECIAL AND 6432 2 TON WINDSHIELD COWL STRIPPED CHASSIS



\*-Loaded height with 7.50-20-8 pr dual tires

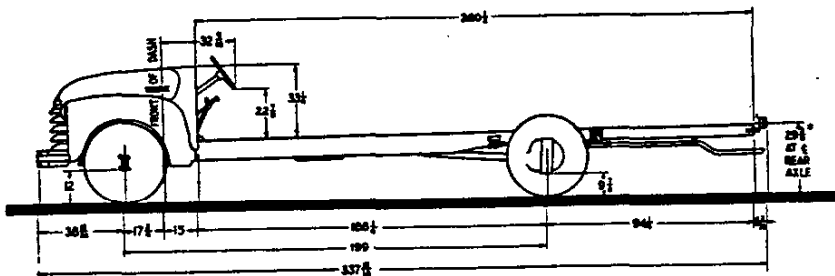
**LOADMASTER SCHOOL BUS CHASSIS DIMENSIONS**

4502 1-1/2 TON SCHOOL BUS FLAT FACE COWL CHASSIS



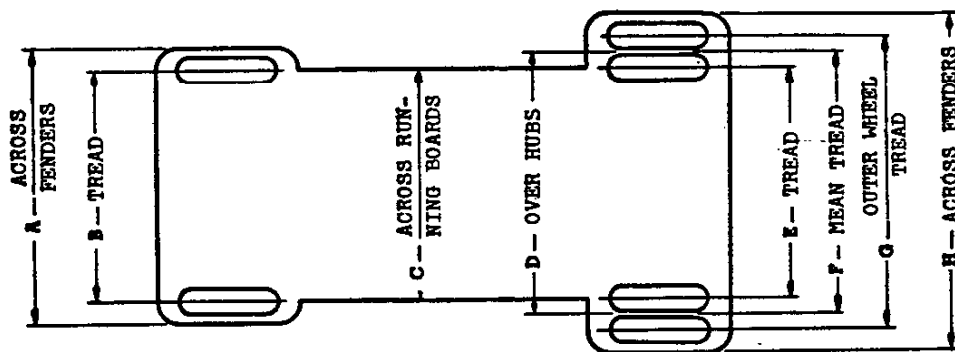
\*-Loaded height with 6.50-20-6 pr dual tires

6702 2 TON SCHOOL BUS FLAT FACE COWL CHASSIS



\*-Loaded height with 7.50-20-8 pr dual tires

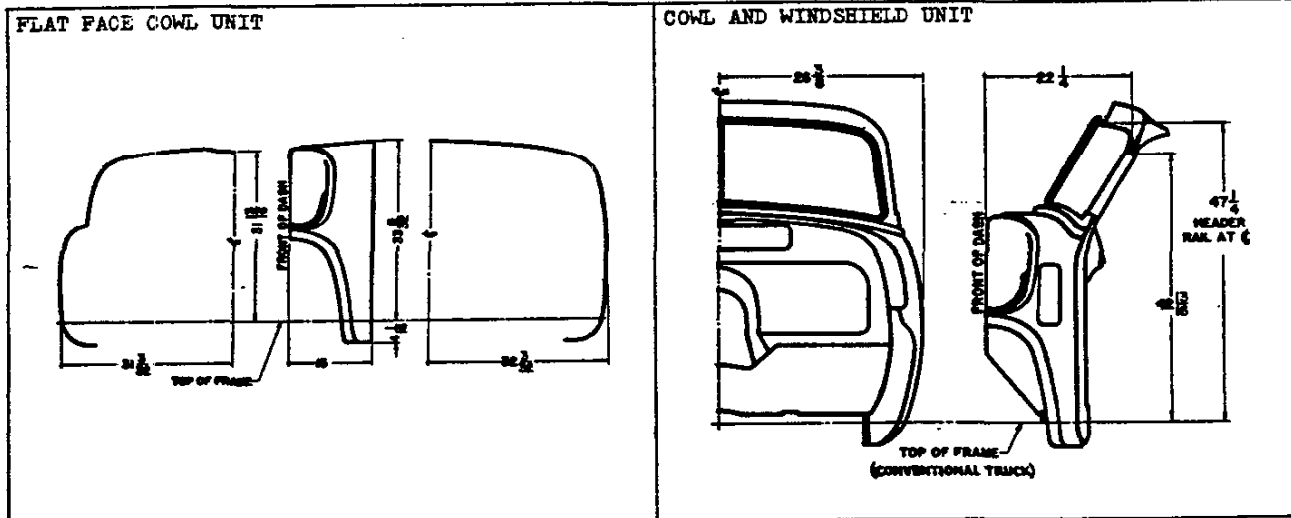
CHASSIS TREADS AND OVERALL WIDTHS



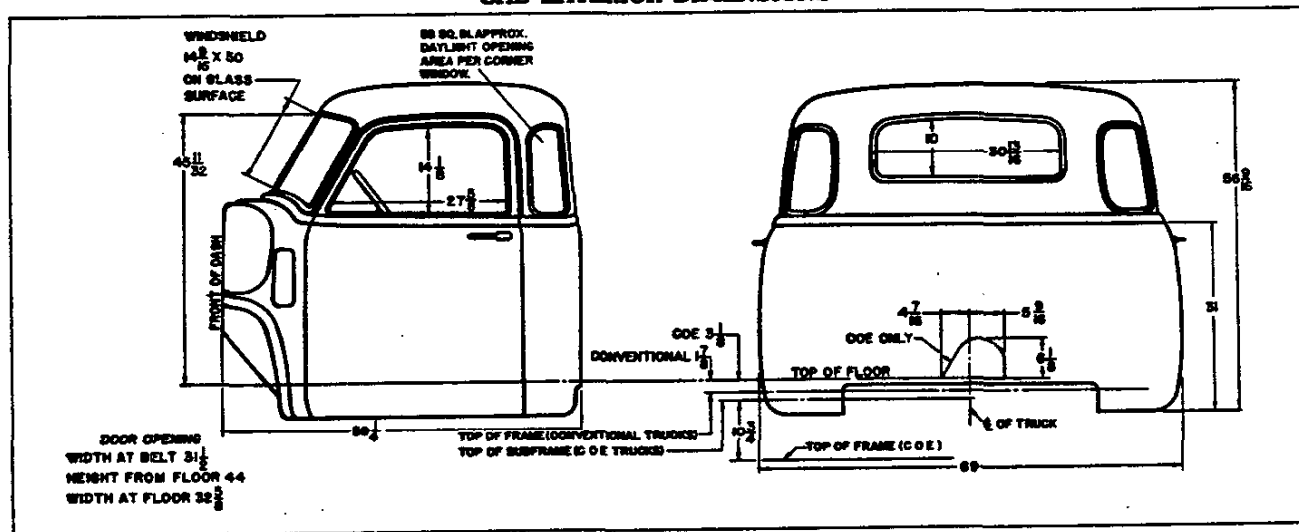
TIRES		MODELS	A	B	C	D	E	F	G	H									
TIRE SIZE AND PLY RATING	RPO OR BASE		ACROSS FRONT FENDERS	FRONT WHEEL TREAD	ACROSS RUNNING BOARDS	OVER WHEEL HUBS	INNER WHEEL TREAD	DUAL MEAN TREAD	OUTER WHEEL TREAD	ACROSS REAR FENDERS									
6.00-16-4	Base	1508	72-5/8	57-5/8	Con-coaled	68-3/4	60			72-3/4									
6.00-16-6	274			56-9/16		69-3/4	61												
6.00-16-6	Base	3100		72-5/8		56-15/16	73	72-1/16	62-3/8			74-7/16							
6.50-16-6	282												57-11/16	70-3/4	62-1/8				
15" 6	273																		
15" 8	280																		
15" 6	Base	3600		72-5/8		56-15/16	73	72-1/16	62-3/8			74-7/16 on 3604							
15" 8	280																		
7.00-17-6	277																		
7.00-17-8	278	3800		72-5/8		56-1/4	73	72-1/16	61-3/4			75-1/4 3805-07, 74-1/2 3804							
7.50-17-8	272																		
7.00-17-6	Base																		
7.00-17-8	278	3800	72-5/8	56-1/4	73	72-1/16	61-3/4			75-1/4 3805-07, 74-1/2 3804									
7.50-17-8	272																		
7.00-18-8	295	3802-03-08-09-12-22-32	74-7/8	56-3/4	74 (None on 4502)	70-15/16	54-1/4	63-1/4	72-1/4										
6.50-20-6	Base	4103-08-09; 4403-08-09-18-19-29; 4502		56		77-1/4	56-1/2	66	75-1/2										
		7.00-20-8								Base	4102-12-22-32; 4402-12-22-32;								
6.50-20-6	289	4000		74-7/8		56-1/4	77-1/4	56-1/2	66	75-1/2									
6.50-20-8	286																		
7.00-20-8	300																		
7.00-20-10	296																		
7.50-20-8	304	4100		74-7/8		56-1/4	77-1/4	56-1/4	66	75-1/2									
7.50-20-10	305	4400																	
7.50-20-8	Base	5000 5000S		77-9/16		60-1/4	77 (over fender step)	79-5/8 (2 speed axle 78-1/4)	57-3/4	68-1/2	79-1/4								
7.50-20-10	305																		
8.25-20-10	343																		
8.25-20-12	344	6000 6100S 6400S	74-7/8	58-3/4	74 (None on 6702)	78-1/4	57-3/4	68-1/2	79-1/4										
7.50-20-8	Base																		
7.50-20-10	305																		
8.25-20-10	343																		
8.25-20-12	344																		

8-29-47

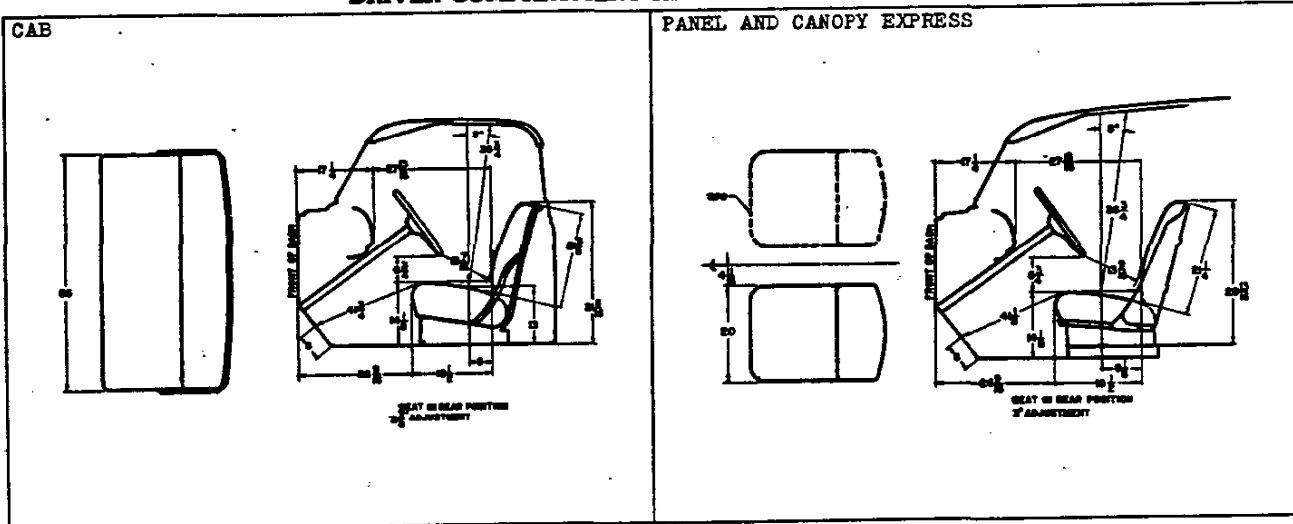
### COWL DIMENSIONS



### CAB EXTERIOR DIMENSIONS

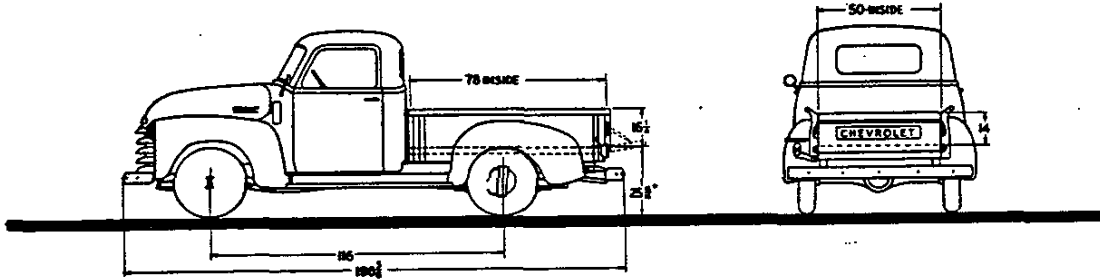


### DRIVER COMPARTMENT AND SEAT DIMENSIONS



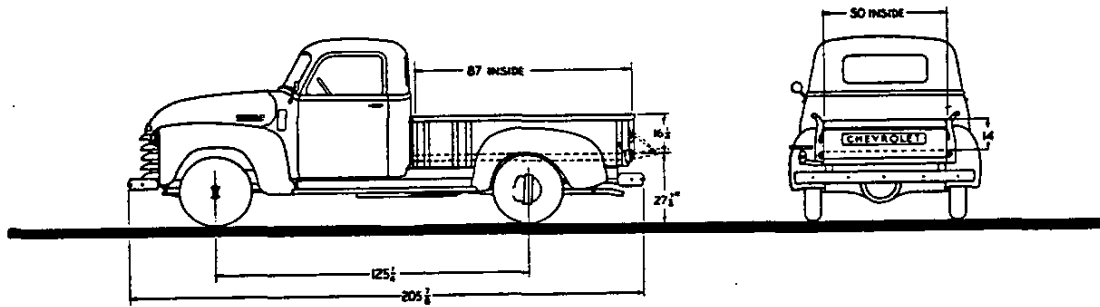
**THRIFTMASTER SERIES BODY DIMENSIONS**

**3104 1/2 TON PICKUP TRUCK**



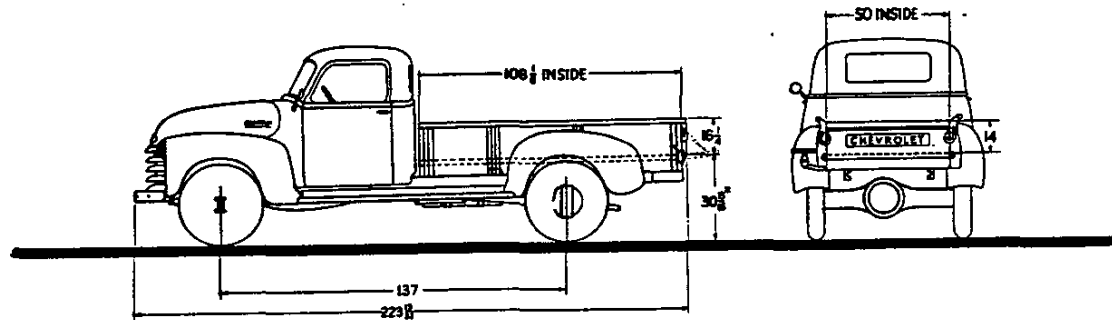
\*-Loaded height with 6.00-16-6 pr tires

**3604 3/4 TON PICKUP TRUCK**



\*-Loaded height with 15"-6 pr tires

**3804 1 TON PICKUP TRUCK**



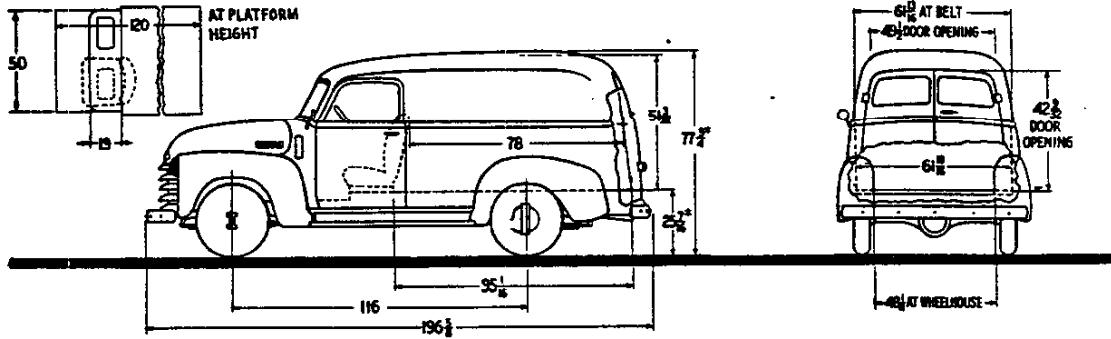
\*-Loaded height with 7.00-17-6 pr tires

CONTINUED



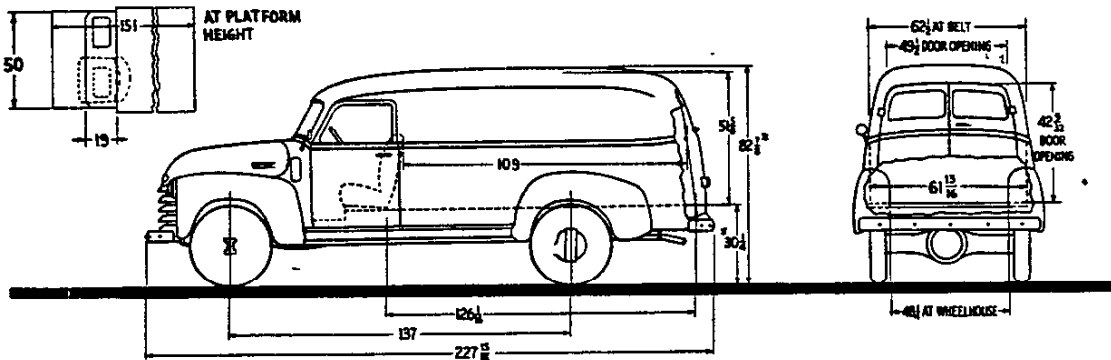
THRIFTMASTER SERIES BODY DIMENSIONS—Continued

3105 1/2 TON PANEL TRUCK



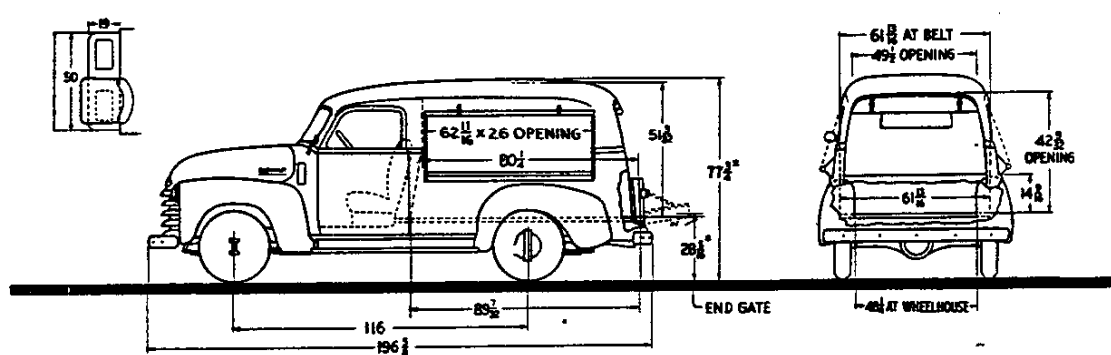
\*-Loaded height with 6.00-16-6 pr tires SEAT IN FORWARD POSITION

3805 1 TON PANEL TRUCK



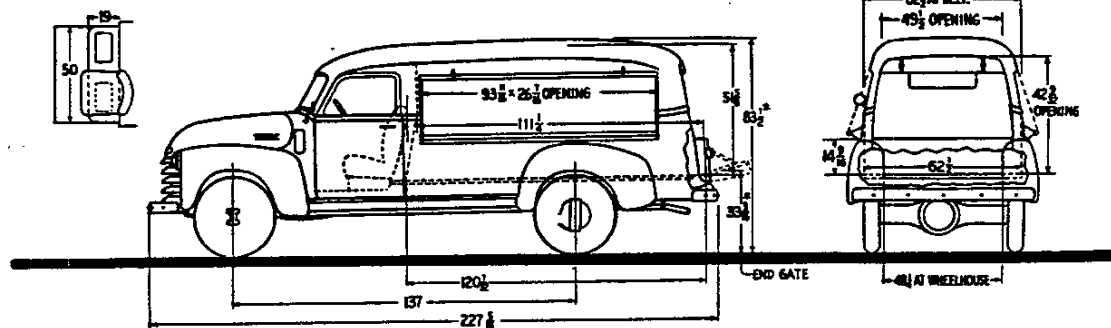
\*-Loaded height with 7.00-17-6 pr tires SEAT IN FORWARD POSITION

3107 1/2 TON CANOPY EXPRESS TRUCK



\*-Loaded height with 6.00-16-6 pr tires SEAT IN FORWARD POSITION

3807 1 TON CANOPY EXPRESS TRUCK

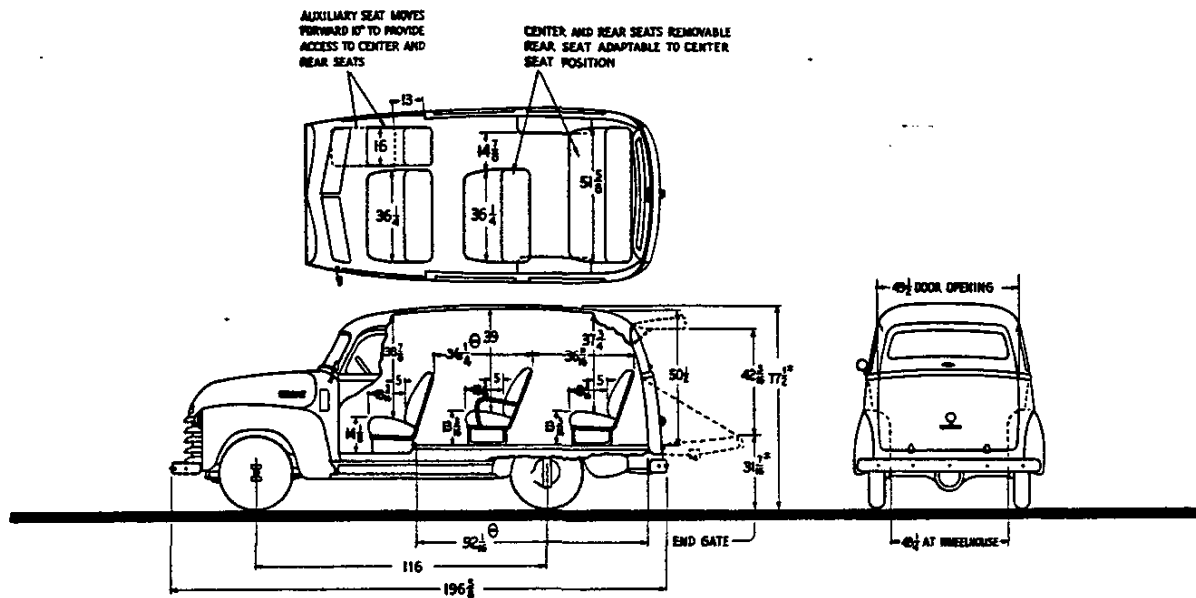


\*-Loaded height with 7.00-17-6 pr tires SEAT IN FORWARD POSITION

CONTINUED

THRIFTMASTER SERIES BODY DIMENSIONS—Continued

3116 1/2 TON CARRYALL SUBURBAN

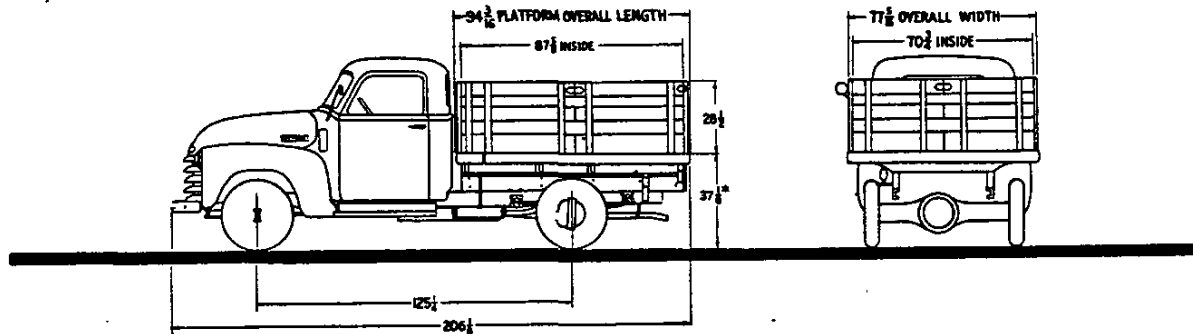


\*-Loaded height with 6.00-16-6 pr tires

Ø-Dimensions measured with front seat in rear position. Seat adjustment 3".

3608 3/4 TON PLATFORM TRUCK

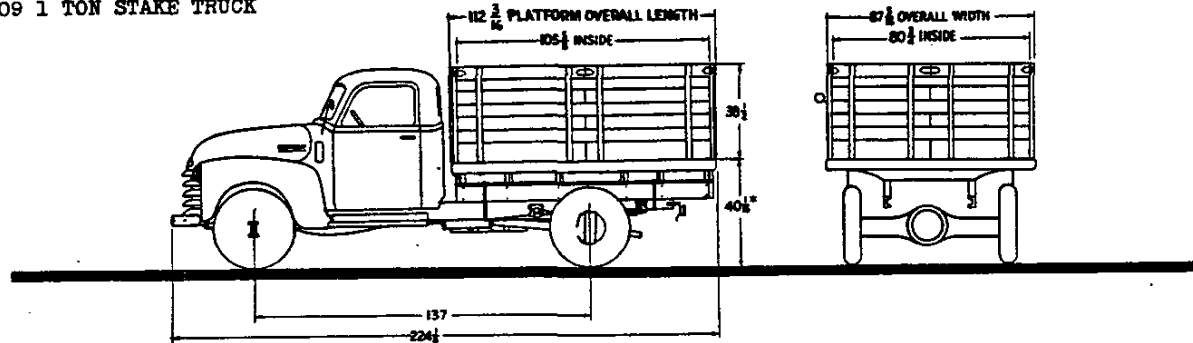
3609 3/4 TON STAKE TRUCK



\*-Loaded height with 15"-6 pr tires

3808 1 TON PLATFORM TRUCK

3809 1 TON STAKE TRUCK

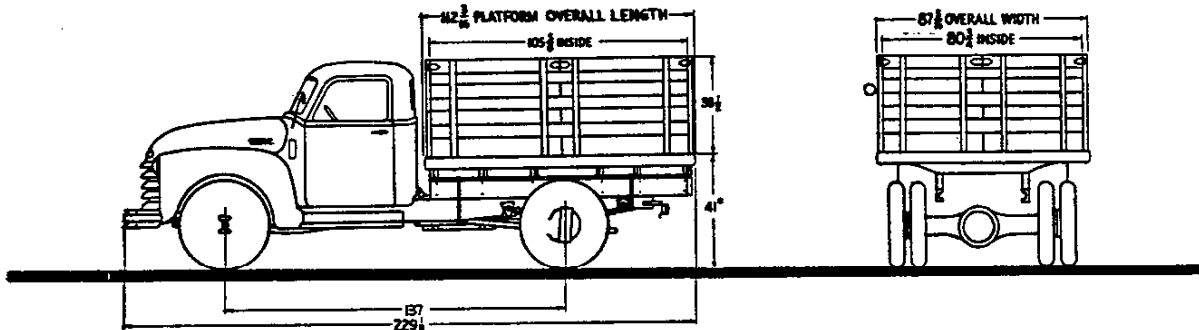


\*-Loaded height with 7.00-17-6 pr tires

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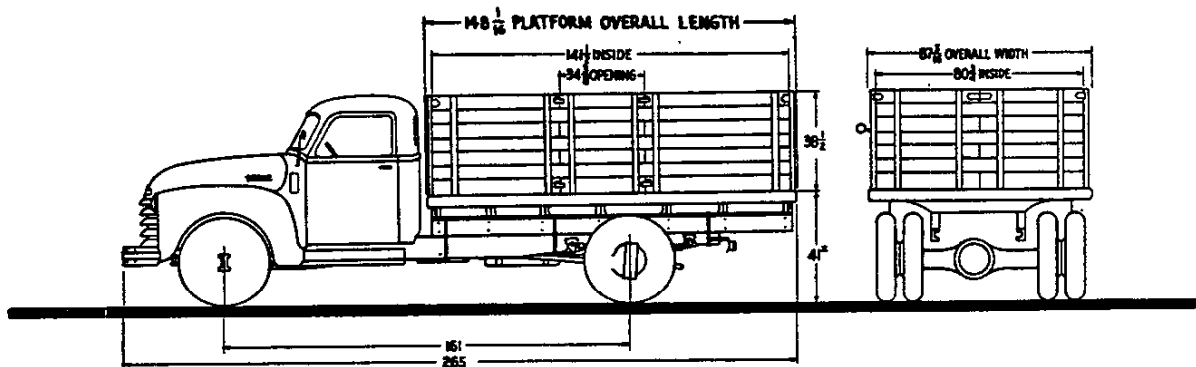
**LOADMASTER SERIES BODY DIMENSIONS**

4106 1-1/2 TON PLATFORM TRUCK  
4109 1-1/2 TON STAKE TRUCK



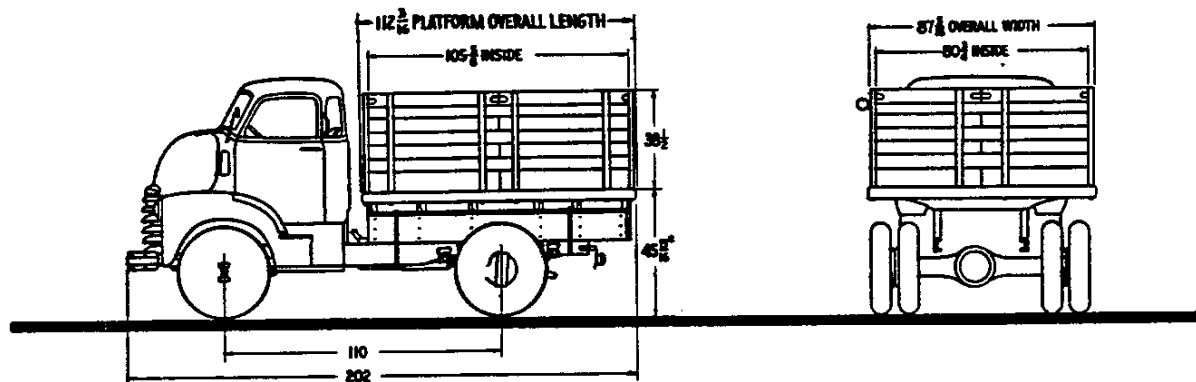
\*-Loaded height with 6.50-20-6 pr dual tires

4408 1-1/2 TON PLATFORM TRUCK  
4409 1-1/2 TON STAKE TRUCK



\*-Loaded height with 6.50-20-6 pr dual tires

5108S 1-1/2 TON SPECIAL AND 5108 2 TON COE PLATFORM TRUCKS  
5109S 1-1/2 TON SPECIAL AND 5109 2 TON COE STAKE TRUCKS

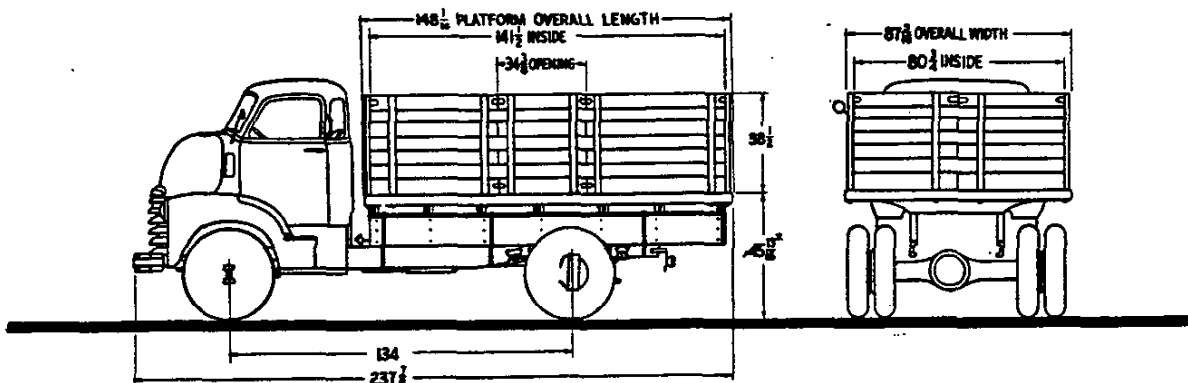


\*-Loaded height with 7.50-20-8 pr dual tires

CONTINUED

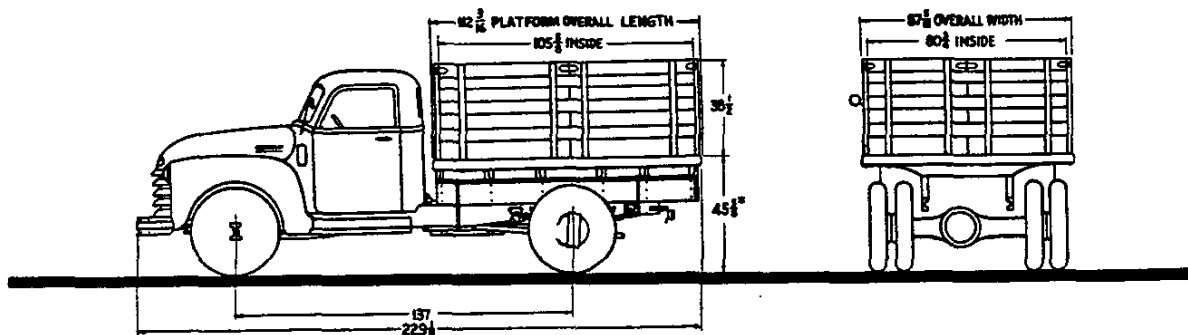
**LOADMASTER SERIES BODY DIMENSIONS—Continued**

5408S 1-1/2 TON SPECIAL AND 5408 2 TON COE PLATFORM TRUCKS  
5409S 1-1/2 TON SPECIAL AND 5409 2 TON COE STAKE TRUCKS



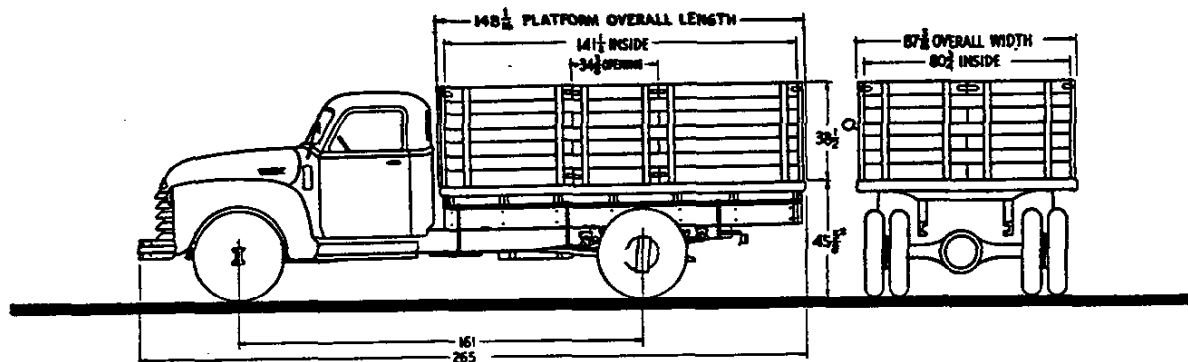
\*-Loaded height with 7.50-20-8 pr dual tires

6108S 1-1/2 TON SPECIAL AND 6108 2 TON PLATFORM TRUCKS  
6109S 1-1/2 TON SPECIAL AND 6109 2 TON STAKE TRUCKS



\*-Loaded height with 7.50-20-8 pr dual tires

6408S 1-1/2 TON SPECIAL AND 6408 2 TON PLATFORM TRUCKS  
6409S 1-1/2 TON SPECIAL AND 6409 2 TON STAKE TRUCKS



\*-Loaded height with 7.50-20-8 pr dual tires

CONTINUED

10-1-47

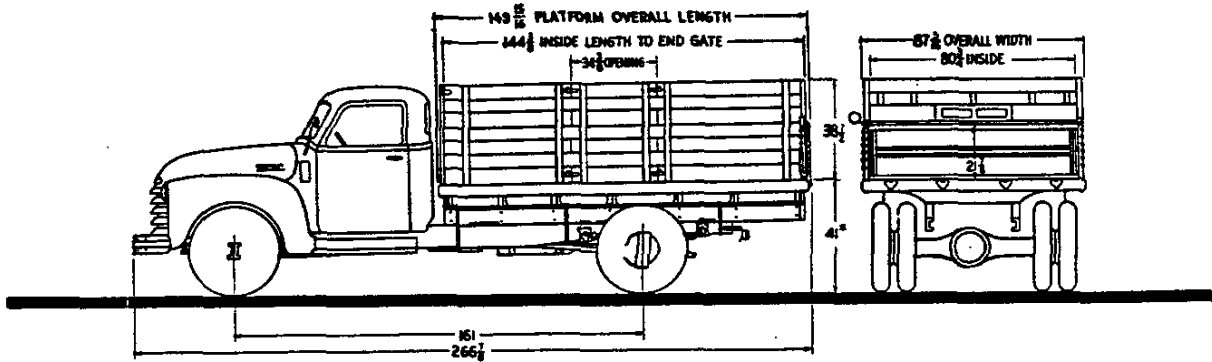
CHEVROLET 1947 SPECIFICATIONS—TRUCKS

BODY DIMENSIONS-73

LOADMASTER SERIES BODY DIMENSIONS—Continued

4418 1-1/2 TON EXPRESS PLATFORM TRUCK

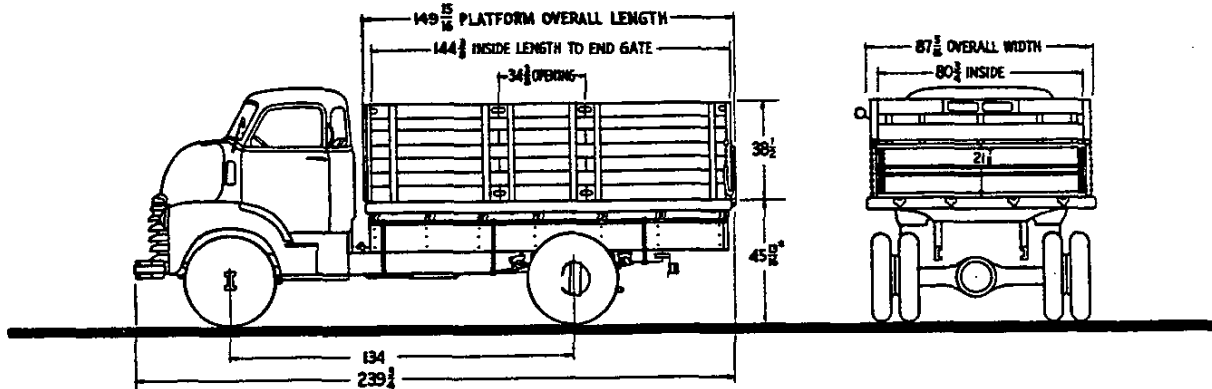
4429 1-1/2 TON EXPRESS STAKE TRUCK



\*-Loaded height with 7.50-20-8 pr dual tires

5418S 1-1/2 TON SPECIAL AND 5418 2 TON COE EXPRESS PLATFORM TRUCKS

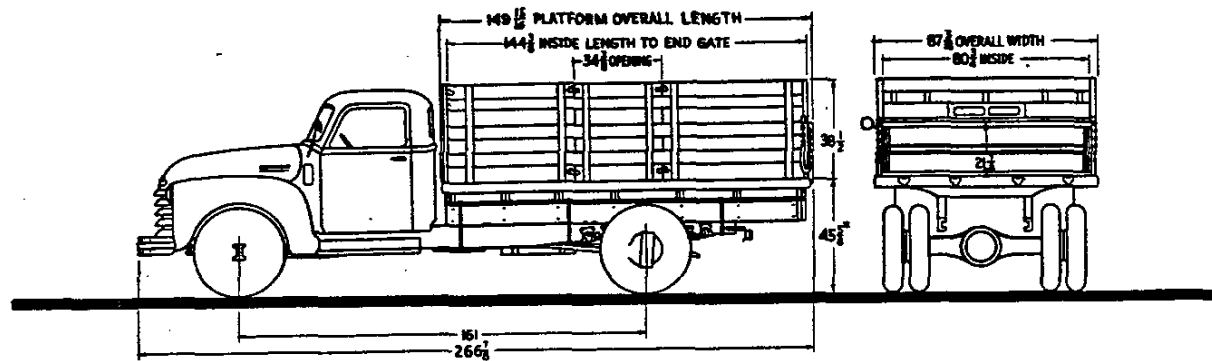
5429S 1-1/2 TON SPECIAL AND 5429 2 TON COE EXPRESS STAKE TRUCKS



\*-Loaded height with 7.50-20-8 pr dual tires

6418S 1-1/2 TON SPECIAL AND 6418 2 TON EXPRESS PLATFORM TRUCKS

6429S 1-1/2 TON SPECIAL AND 6429 2 TON EXPRESS STAKE TRUCKS

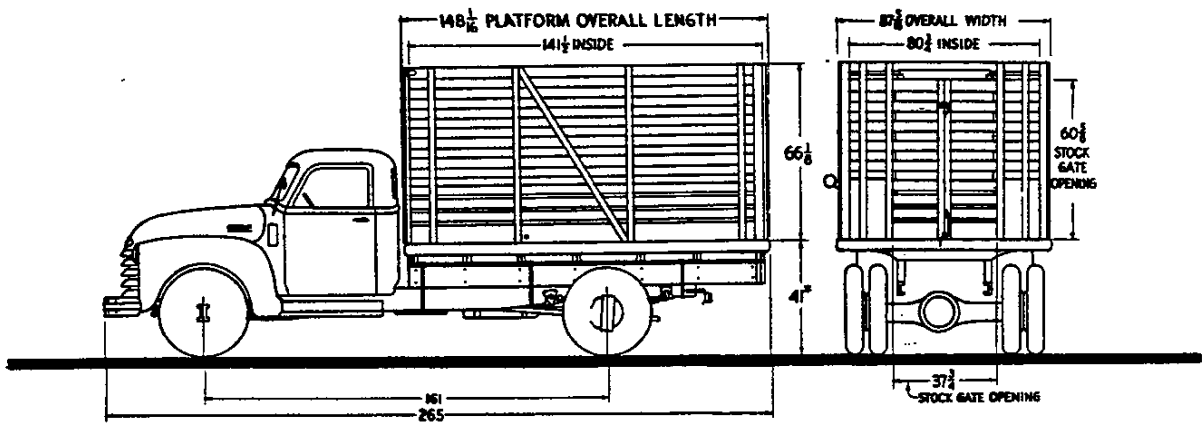


\*-Loaded height with 7.50-20-8 pr dual tires

CONTINUED

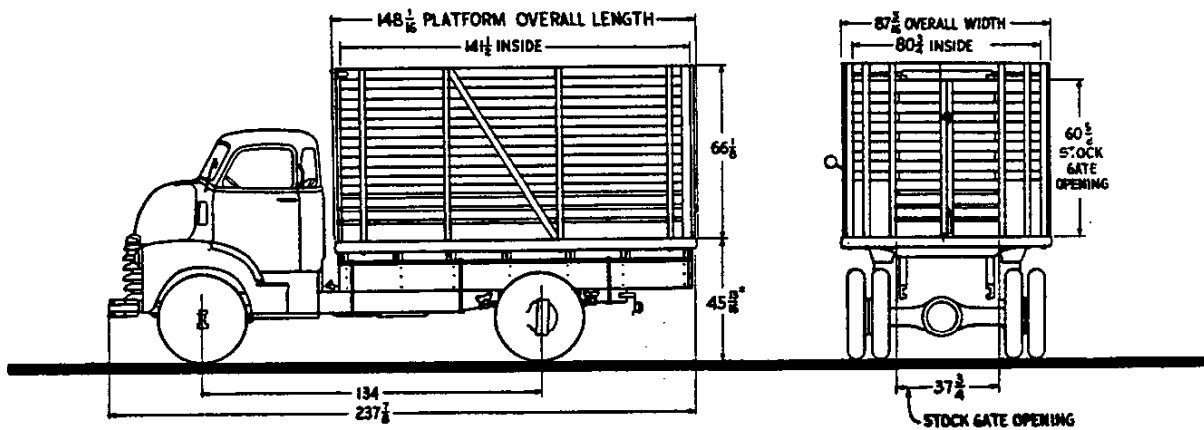
**LOADMASTER SERIES BODY DIMENSIONS—Continued**

**4419 1-1/2 TON HIGH RACK (STOCK) TRUCK**



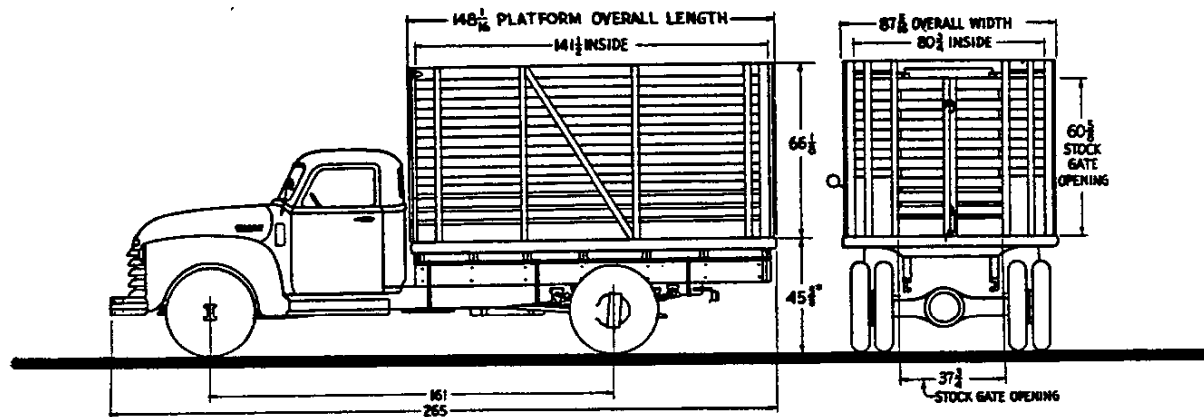
\*-Loaded height with 6.50-20-6 pr dual tires

**5419S 1-1/2 TON SPECIAL AND 5419 2 TON COE HIGH RACK (STOCK) TRUCKS**



\*-Loaded height with 7.50-20-8 pr dual tires

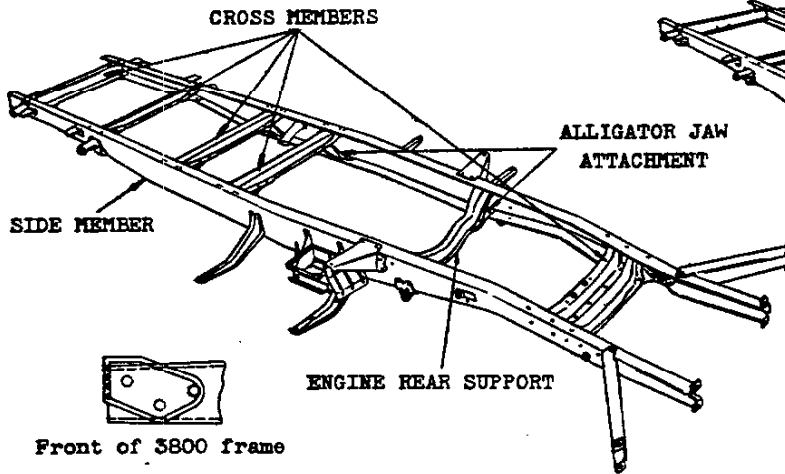
**6419S 1-1/2 TON SPECIAL AND 6419 2 TON HIGH RACK (STOCK) TRUCKS**



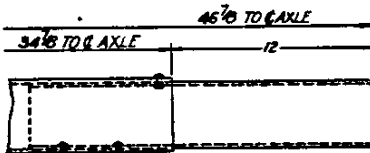
\*-Loaded height with 7.50-20-8 pr dual tires

# FRAME

## CONVENTIONAL TYPE FRAME

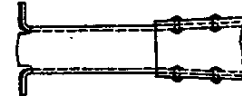
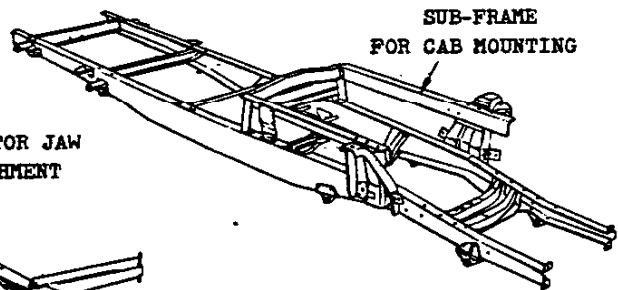


Front of 3800 frame

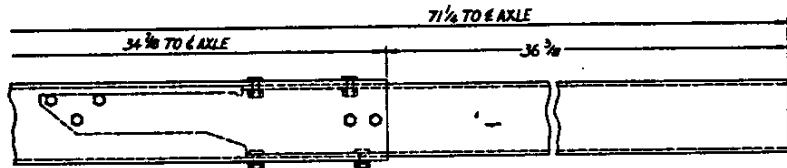


Frame rear extension on 3800 except 3808-09

## CAB-OVER-ENGINE TYPE FRAME



Front of 4100 frame showing extension

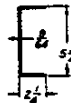


Frame rear extension on 4502

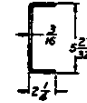
MODEL	Wheel base	Frame overall length*	Width over side members	Number of cross members <sup>Ⓚ</sup>	Section modulus <sup>Ⓢ</sup>	
CONVENTIONAL	3100	116	46-1/32 at rear	5	2.46	
	3600	125-1/4			3.25	
	3800	137	213 0		5.52	
	4100	137	209-7/16	36	8.80	
	4400	161	233-7/16			
	6100	137	209-7/16			
	6400	161	233-7/16			
SCHEUS	4502	161	269-3/4	8		
	6702	199	330-3/4	36-1/16	9	9.60
COE	5100	110		36	5	8.80
	5400	134				
	5700	158				

Frame type ----- Ladder  
Side member data:

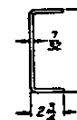
Section type ----- Channel  
Rear kickup --- 4 on 3100; 1-3/4 on 3600  
Material ---- Hot rolled steel, pickled  
Yield point ----- 39000 PSI (min.)  
Elongation ----- 25% in two inches  
Maximum sectional dimensions:



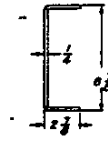
Series 3100



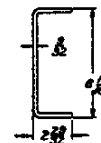
Series 3600



Series 3800 & 4100



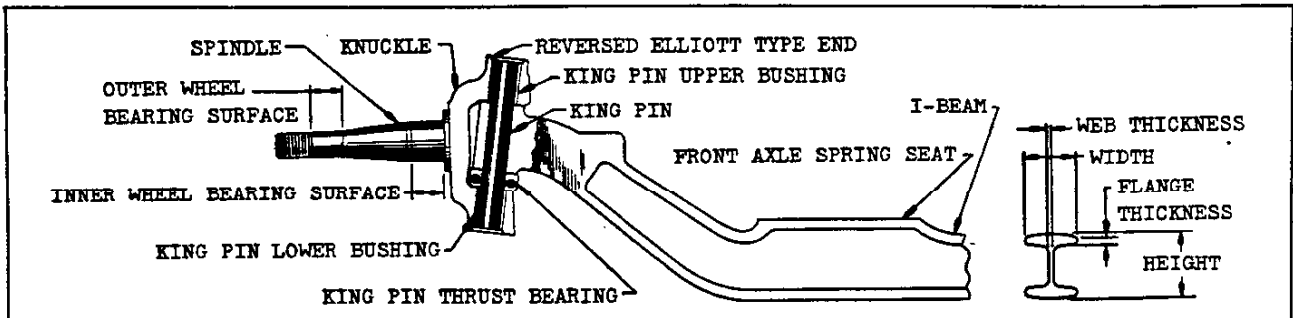
Series 4400, 4500, 5000, 6100, 6400



Model 6702

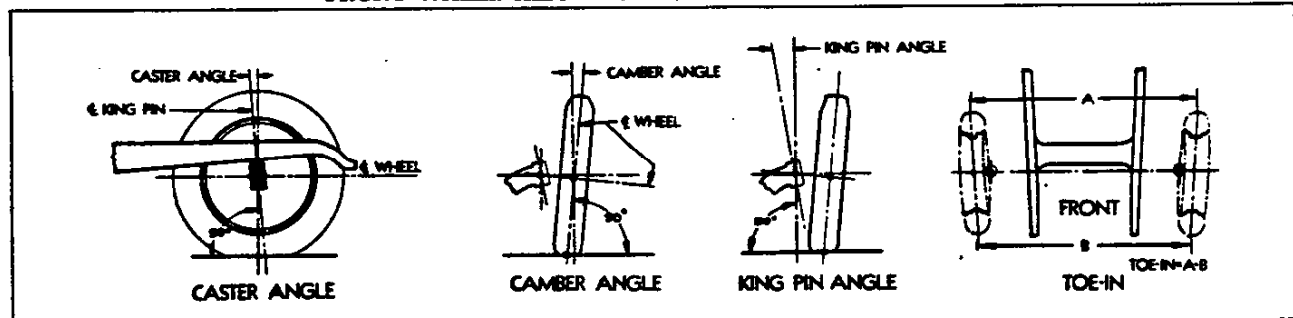
- \* - Frame overall length includes front or rear extensions when specified as regular equipment.
- 0 - Except 3808-09 which are 201 and have no rear extension.    Ⓢ - Inches cubed per side member.
- Ⓚ - Structural cross members-those which are so attached as to resist torsional frame stresses.

**FRONT AXLE**



ITEM		3100	3600	3800-4100-4400	4502-6000	5000	
Type		Reversed Elliott (modified I-beam section)					
Rated capacity (pounds)		2200	2500	3500	4500		
I-beam average dimensions	Height	2-3/32	2-17/64		2-33/64	2-5/8	
	Width	1-23/32	2				
	Flange thickness	7/32	5/16		7/16		
	Web thickness	9/32	11/32		1/4	3/8	
	Section modulus	.70 in. cubed	1.14 in. cubed		1.48 in. cu.	1.61 in. cu.	
King pin	Diameter	.8660-.8665	.9210-.9214		1.1090-1.1094		
	Bush- Inside diameter	.867-.868	.922-.923		1.110-1.111		
	Length	1-5/16	1-17/64		1-25/64		
Front wheel bearings	Part number and type	Inner	N.D.909052, cup & cone	N.D. 909026, cup & cone	Hy.173241, barrel roller		
		Outer	N.D.909001, cup & cone	N.D. 909025, cup & cone	Hy.173238, barrel roller		
	Inside diameter	Inner	1.2810-1.2815	1.4060-1.4065		1.5625-1.5630	
		Outer	.7498-.7503	.8435-.8440		.9375-.9380	
	Outside diameter	Inner	2.9625-2.9635	3.1491-3.1501		3.1250-3.1256	
		Outer	2.0795-2.0805	2.2495-2.2505		2.3437-2.3443	
Width	Inner	1.135-1.155	1.216-1.236		1.230		
	Outer	.698-.718	.780-.800		.800		
King pin thrust bearing	Part number & type		373476, ball	365309, ball		3678172, ball	
	Inside diameter	Upper race	.868-.878	.9225-.9325		1.1105-1.1205	
		Lower race	.868-.893	.9225-.9475		1.1105-1.1355	
	Outside diameter		1-5/8 (upper & lower)	1-23/32(upper & lower)		2-3/16 (upper & lower)	
	Width (upper & lower)		.5575-.5675	.620-.630		.615-.625	
Spindle diameter	At inner bearing		1.2801-1.2806	1.4051-1.4056		1.5618-1.5623	
	At outer bearing		.7490-.7495	.8427-.8432		.9368-.9373	

**FRONT WHEEL ALIGNMENT (SERVICE DIMENSIONS)**

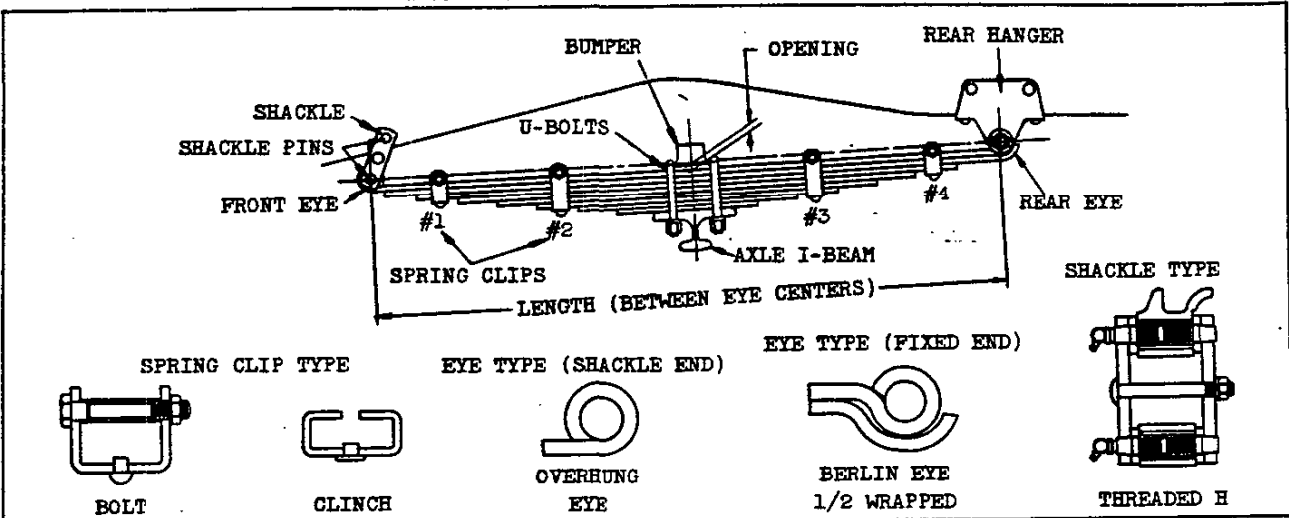


ITEM		3100 - 3600	3800 - 4000 - 6000	5000
King pin angle		7° 10' ± 1°		
Camber		1° ± 30'		
Caster		1° 45' ± 30'	2° 45' ± 30'	3° ± 30'
Toe-in		1/16 to 3/16		
Toe-out on turns	Outside wheel	20°		
	Inside wheel	23° ± 2°		

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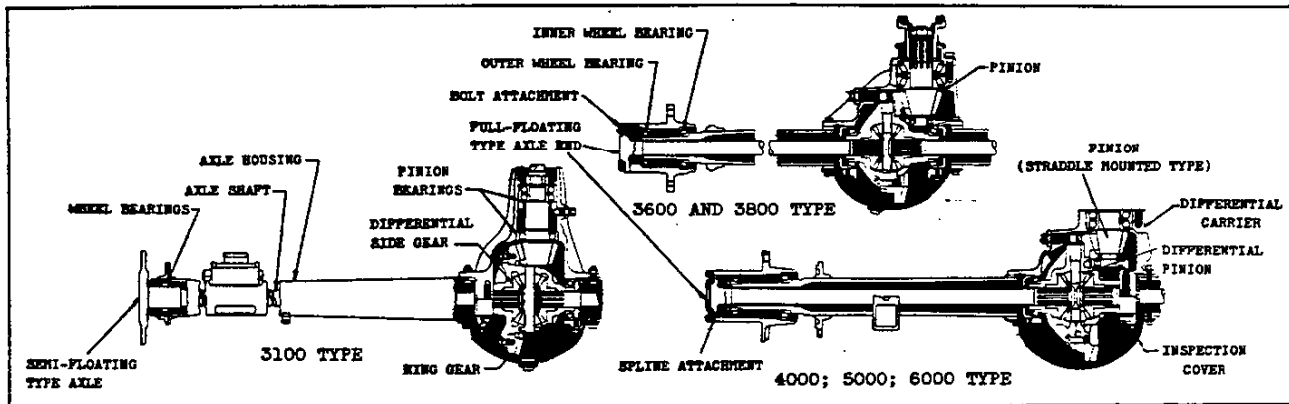
**FRONT SPRINGS AND RELATED PARTS**



ITEM		3100	3600	3800	4100-4400	4502	6000	5000	
Springs	Type	Semi-elliptic	Semi-elliptic two-stage	Semi-elliptic					
	Leaves	Chrome carbon steel							
	Material	Chrome carbon steel							
	Number	8	8(5 & 3)	7	9				
	Thickness	#1	.237	.237	.291				
		#2							
		#3							
		#4							
		#5	.291						
		#6							
		#7							
		#8	.291						
#9									
Total thickness	1.896	2.058	2.037	2.619					
Load in pounds at opening height	750 to 825 @ 13/32	760 to 850 @ 15/32	950 to 1050 @ 1-11/32	1475 to 1625 @ 3/4					
Average rate of deflection (pounds per inch)	315	275 @ 350-650 lb.; 365 @ 850-1150 lb.	475	640					
Capacity at ground(pounds)	970	1000	1575	2000	2050				
Length x width	38 x 1-3/4			40 x 2					
Spring clip type (see figure)	#1	Clinch		Bolt					
	#2								
	#3	Clinch	Bolt						
	#4	Clinch		Bolt					
Spring mountings	Shackle end	Located at	Front					Rear	
		Type	Threaded "H"						
		Pin size	5/8 dia.						
	Fixed end	Bushing	Plain 7/8 O.D.						
		Bolt size	11/16 OD x 3-3/16 Hardened stl.		11/16 O.D. x 3-7/16 Hardened steel				
	U-bolt diameter	1/2	9/16			5/8			
	Bumper	Rubber, mounted on top of spring main leaf at center bolt							
	Mounting angle	70-50' included angle							
Spring center-to-center	26-13/16 (measured on axle I-beam)								
Shock absorbers	Hydraulic	Single acting	Regular equipment						
		Double acting	RPO 200						
	Valve code number	Bumper	RPO 200, G2						
		Rebound	Regular, 4CG; RPO 200, 2R			RPO 200, 2R			
Piston diameter	1-1/2								
Ride stabilizer	On models 3102-05-12-16-22-32 only. Bolted to front spring.								

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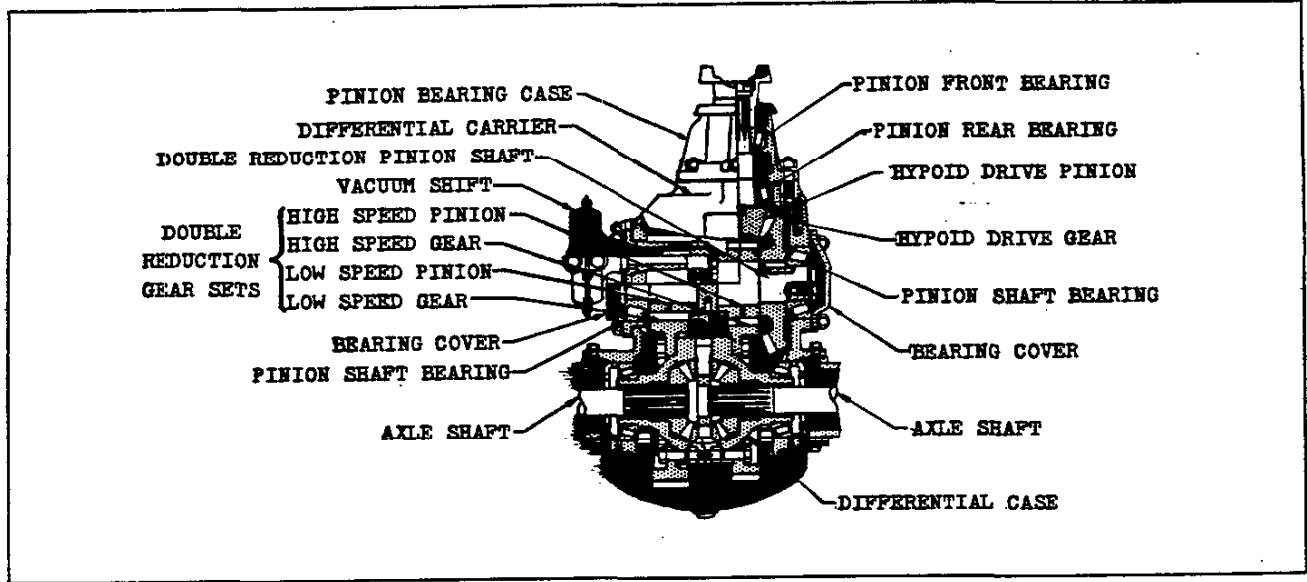
### REAR AXLE



ITEM	3100		3600		3800		4000		5000		6000								
	Semi-floating		REGULAR		REGULAR		RPO 204A		REGULAR		REGULAR								
Type	Semi-floating				Full-floating														
Rating (pounds)	3300				5000		7200		10500		13000								
Housing type	Pressed steel banjo, Two piece welded.				Banjo. Welded or seamless steel tube.														
Final gears	Spiral Hypoid																		
	Type																		
Ratio	4.11:1		4.57:1		5.14:1		5.43:1		6.17:1										
Teeth	37 & 9		32 & 7		36 & 7		38 & 7		37 & 6										
Gear backlash	.005-.008																		
Pinion	Mounting	Overhung				Straddle													
	Adjustment	Shims & tapered collar				Shims				None									
	Thrust	Against pinion front bearing																	
Total gear reduction axle ratio x transmission ratio	Transmission	3 speed		4 speed		3 speed		4 speed		4 speed		4 speed							
	First	12.08		29.02		13.44		32.26		36.29		38.34		43.56					
	Second	6.90		14.30		7.68		15.90		17.89		18.90		21.47					
	Third			7.03				7.81		8.79		9.29		10.55					
	Direct drive	4.11		4.11		4.57		4.57		5.14		5.43		6.17					
Reverse	12.08		28.69		13.44		31.90		35.88		37.90		43.07						
Axle shaft torque (ft.lb.)*	First	1725		2656 0		1919		4607		5182		5475		6220		6627		6739	
	Second	985		2042		1097		2271		2555		2699		3066		3267		3321	
	Third			1004				1115		1255		1327		1507		1605		1632	
	Direct drive	621				691				777		821		933		994		1011	
	Reverse	1725		2656 0		1919		4555		5124		5412		6150		6553		6663	
Lubricant capacity	4-1/2 pints				6 pints				11 pints		12 pints								
Pinion bearing and type	Part number	Front	N.D. 954394 D.R. Ball				Hy. 213538 D.R. Taper				N.D. 954237 D.R. Ball								
	Rear	Hy. 125630 Roller				Hy. 189436 Roller				Hy. 144553 Roller									
	Inside diameter	Front	1.1807-1.1811				1.9675-1.9680				1.9680-1.9685								
	Rear	1.8270-1.8275				.9839-.9843				1.1807-1.1811									
	Outside diameter	Front	2.8341-2.8346				4.3302-4.3310				4.3301-4.3307								
	Rear	3.1246-3.1250				2.0467-2.0472				2.8341-2.8346									
	Width	Front	1.1825-1.1875				2.500				1.8710-1.8755								
	Rear	.748				.8075-.8125				.8218-.8268									
Differential type	Two pinion				Four pinion														
Differential bearings	Part number & type	Hy. 187434 Barrel Roller				Hy. 188930 Barrel Roller				Hy. 148399 Barrel Roller									
	Inside diameter	1.7807-1.7812				2.2650-2.2655				2.4400-2.4405									
	Outside diameter	3.1490-3.1496				3.8750-3.8758				3.9362-3.9370									
	Width	.712				.8268				.826									
Axle shaft	Type	Shaft & drive flange integrally forged. Bolt attachment.						Same. Spline attachment.											
	Minimum diameter	1-5/32				1-11/32				1-7/16		1-9/16							
Drive torque	Through torque tube				Through springs														
Rear wheel bearings	Part number	Inner					Hy. 188930 Barrel Roller				Hy. 144527 Barrel Roller								
	Outer	Hy. 111121 Roller				Hy. 188932 Barrel Roller				Hy. 144525 Barrel Roller									
	Inside diameter	Inner					2.2650-2.2655				2.6250-2.6258								
	Outer	1.8772-1.8779				2.0312-2.0317				2.2500-2.2505									
	Outside diameter	Inner					3.8750-3.8758				4.4680-4.4688								
	Outer	2.7812-2.7818				3.5425-3.5433				3.8750-3.8758									
	Width	Inner					.8268				.931								
Outer	.867-.875				.781				.8268										

\* - Gear reduction x engine maximum net torque x efficiency factor (.90 in direct drive, .85 all others).  
 0 - Maximum capacity of shafts.

**TWO-SPEED REAR AXLE (RPO 202 FOR ALL 5000-6000 MODELS)**



**GENERAL DATA**

Type ----- Double reduction, full-floating  
 Rating (pounds) ----- 13000  
 Final gear ratio ----- 6.13:1 high; 8.10:1 low  
 Drive torque ----- Through springs  
 Housing --- Banjo, one piece seamless steel tube  
 Axle shafts:  
 Material ----- Forged steel  
 Type ----- Shaft and drive flange integrally forged. Spline attachment.  
 Minimum diameter ----- 1-9/16

**PRIMARY DRIVE GEARS**

Type and ratio ----- Hypoid, 2.875:1 ratio  
 Pinion ----- 8 teeth, overhung mounting  
 Drive gear ----- 23 teeth, straddle mounted  
 Backlash adjustment ----- .008 to .013  
 -By shims at double reduction pinion shaft cover

**DOUBLE REDUCTION GEARS**

Type ----- Helical spur  
 Ratio-high speed ----- 2.133:1 (32-15 teeth)  
 Ratio-low speed ----- 2.818:1 (31-11 teeth)

Dash control high and low speed vacuum shift.

Lubricant capacity, refill (pints) ----- 14-1/2

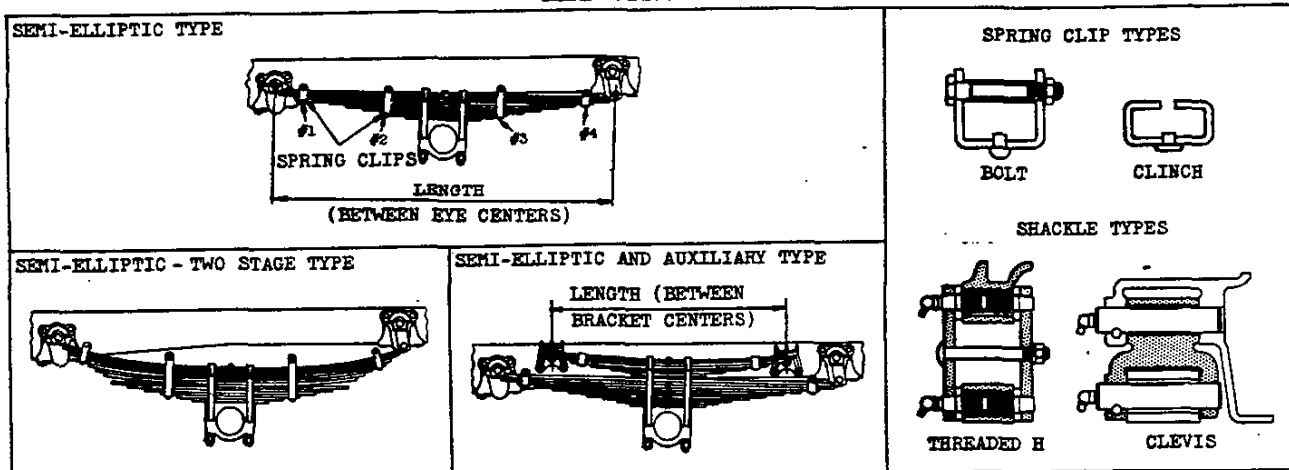
TRANSMISSION		TOTAL GEAR REDUCTIONS <sup>ⓐ</sup> 5000-6000		MAXIMUM AXLE SHAFT TORQUE (FT.LB.)*			
				5000		6000	
GEAR	RATIO	6.13:1 ratio	8.10:1 ratio	6.13:1 ratio	8.10:1 ratio	6.13:1 ratio	8.10:1 ratio
First	7.06	43.28	57.19	6586	8701	6695	8947
Second	3.48	21.33	28.19	3245	4289	3300	4361
Third	1.71	10.48	13.85	1595	2117	1621	2143
Direct drive	1.00	6.13	8.10	988	1305	1004	1327
Reverse	6.98	42.79	56.54	6510	8602	6620	8747

\* - Total gear reduction x engine max. net torque x efficiency factor (.90 direct drive; .85 all others).  
 ⓐ - Rear axle ratio x transmission ratio.

**BEARING DATA AND SPECIFICATIONS**

ITEM			Method of Adjustment	Part number	Quantity	Type	Inside diameter	Outside diameter	Width
Hypoid drive pinion bearings	Front	Inner race & roller	Shims at rear of front bearing	147905	1	Taper roller	1.500	3.375	1.1875
		Outer race		128248					
	Rear	Inner race & roller		189638					
		Outer race		189637					
Double reduction pinion shaft bearings	Left	Inner race & roller	Shims at cover	436041	1	Taper roller	1.625	4.125	1.4375
		Outer race		173105					
	Right	Inner race & roller		173106					
		Outer race		173105					
Differential bearings	Left	Inner race & roller	Adj. nut and lock	435973	2	Taper roller	2.625	4.125	1.1875
	Right	Outer race		135495					
Wheel bearings			Same as for regular single speed axle (see page 79).						

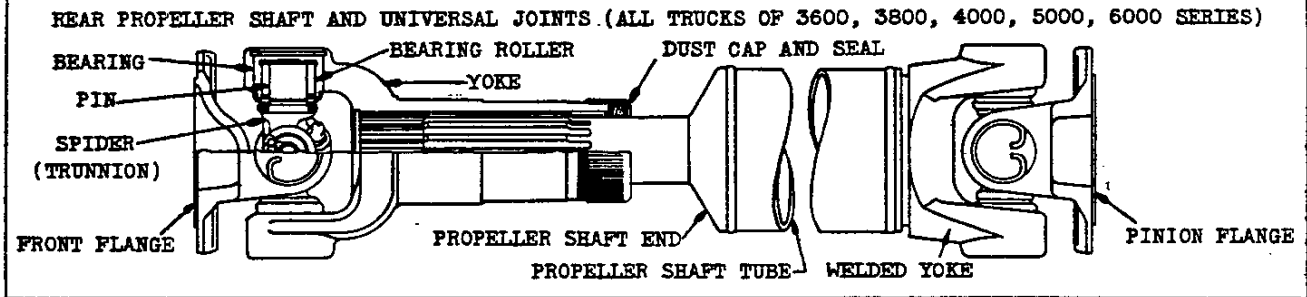
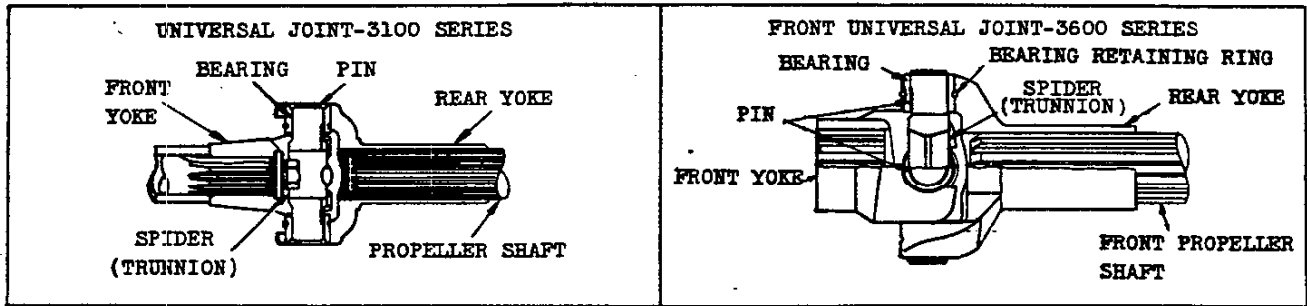
**REAR SUSPENSION**



ITEM		3100	RPO	3600	3800	4502 6702	4100 4400	5000 6400	6100 6400	
Springs	Type	Semi-elliptic		Semi-elliptic - Two stage			Semi-elliptic		Auxiliary	
	Leaves	Chrome carbon steel								
	Material	Silico-manganese steel								
	Number	8	12 B	7 (4 & 3)	8 (5 & 3) B	11(5 & 6) B	10	Main, 10; Aux, 6 B		
	Thick-ness	#1, 2, 3	.291							
		#4	.291		.291		.291		.323	
		#5	.291		.323		.323		.323	
		#6	.291		.323		.323		.323	
		#7	.291		.323		.323		.323	
		#8	.291		.323		.323		.323	
		#9, 10	.291		.323		.323		.323	
	#11	.291		.323		.323		.323		
#12	.291		.323		.323		.323			
Total	2.328	3.780	2.133	2.424	3.775	3.230		1.938		
Load in pounds at opening height	1100 to 1200 @ 1/2	2805 to 3101 @ 9/16	1325 to 1475 @ 9/16	1575 to 1725 @ 1-29/32	3800 to 4200 @ 1-3/8	3100 to 3400 @ 25/32	2375 to 2625 @ 1-23/32	Engages @ 2375-2625		
Average deflection rate (lbs. per inch)	190	684	250 @ 200-600#; 1200-1600#	315 @ 250-750#; 435 @ 1400-1800#	550 @ 1000-2000#; 1000 @ 3500-4500#	770		1530		
Capacity at ground (lbs.)	1530	3400	2000	2240	3160	4465		7800		
Length x width	54x1-3/4		46x2			46x2-1/2		31x2-1/2		
Spring clip type (see figure)	Clinch	1-2-3-4		1-3-4			1-2-3-4		1-4	
	Bolt	1-2-3-4		1-3-4			1-2-3-4		1-4	
Spring mount-ings	Shackle end	Rear								
	Located at	Rear								
	Type	Threaded H on 3100. Clevis and plain bushings on all other series.								
	Pin size	5/8 dia.								
	Fixed end	Plain. 7/8 O.D. on 3100. 1-1/8 O.D. on all other series.								
	Bushing	11/16 O.D. bolt on 3100. 7/8 O.D. pin on all other series.								
	Pin size	Two U-bolts and cap to metal seat on housing. Rubber-bushed seat on 3100 series; fixed seat on all others.								
	Spring to axle attachment	Two U-bolts and cap to metal seat on housing. Rubber-bushed seat on 3100 series; fixed seat on all others.								
U-bolt diameter	1/2	5/8			*	5/8		3/4		
Bumper	Mounted on frame side member lower flange									
Mounting angle	7° 50' included angle on 3100 series; parallel on all others.									
Spring center-to-center	42-5/16		42-1/2			42				
Shock absorbers	Single act.	Regular		Regular						
	Double-acting	1.5 Piston	RPO 200 on all models indicated except 4502 and 6702							
		1.75 Piston	RPO 200							
	Valve code number	Bumper	RPO 200	G2	G0		G2	G0 or G2		
		Rebound	Regular	3CG	3CG					
		RPO 200	2R	1R		2L	1R or 2L			

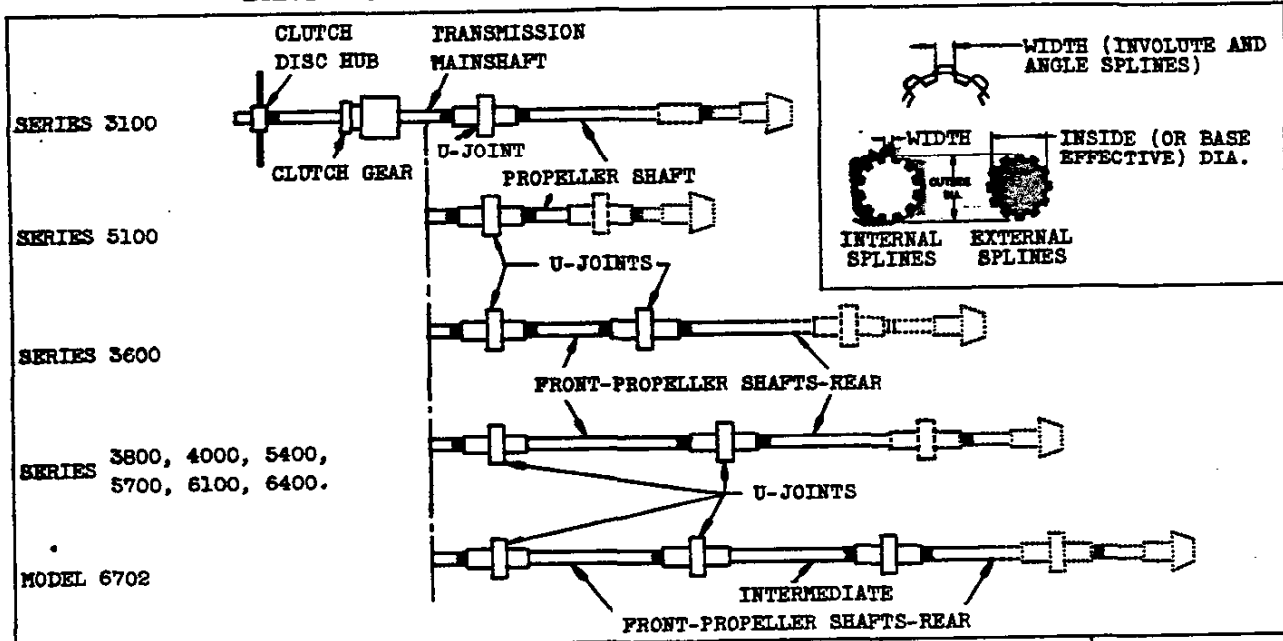
\* - 5/8 on 4502 and 3/4 on 6702.      θ - Spring also used as RPO 268A on all 6400 models.  
 B - Spring also used on 3600 when RPO 277 or 278 tire equipment is specified.  
 E - Spring used on 3802-03-08-09-12-22-32 when RPO 295 tire equipment is specified.  
 B - Also used as spring assembly in RPO 267 either separately or with heavy duty equipment on 4100 and 4400 models.

**UNIVERSAL JOINTS AND PROPELLER SHAFTS**



ITEM		3100	3600	5100	3800-4100-4400 5400-5700-6100-6400	4502	6702	
UNIVERSAL JOINTS	Type and material	Yoke and trunnion, drop-forged steel; trunnion, case hardened.						
	Number used	1	3	2	3		4	
	Front Pin diameter	.6835-.6845	.716-.717		.7385-.7390			
	Center & rear diameter							
	Front Bearings			Bushing	Needle bearing, 27 roller (Ch. 3660967)			
	Center & rear Bearings							
	Front Diameter	.687-.688 ID	.718-.719 ID		.09550-.09575 OD			
	Center & rear Diameter							
	Front Effect. length	17/32	21/32		.580 minimum			
	Center & rear Effect. length							
PROPELLER SHAFTS	Number used	1	2	1	2		3	
	Front Type		Solid		Tubular			
	Intermediate Type				Tubular			
	Rear Type				Tubular			
	Front Outside diameter		1-1/4-1-3/8		2.495-2.500			
	Intermediate Outside diameter				2.495-2.500			
	Rear Outside diameter	2.055-2.065	2.495-2.500	3.00	2.495-2.500			
	Front Wall thickness		Solid		.080-.085			
	Intermediate Wall thickness				.080-.085			
	Rear Wall thickness	.092-.098			.080-.085			
	Front Ends type		Splined		Welded Yoke			
	Intermediate Ends type				Splined			
	Rear Ends type				Welded Yoke			
	Support bearing	Number used & type		One S.R. Ball		One D.R. Ball		Two D.R. Ball
		Part number		N.D. 954257		N.D. 905207		
	Inside diameter		1.3775-1.3780		1.3775-1.3780			
	Outside diameter		2.8341-2.8346		2.8341-2.8346			
	Width		.9793-.9843		1.0575-1.0625			
Propeller shaft guard	Number used					2	3	
	Type					U Bolt		
	Material					5/8 round steel		
	Location and mounting					Support at front of each prop. shaft		

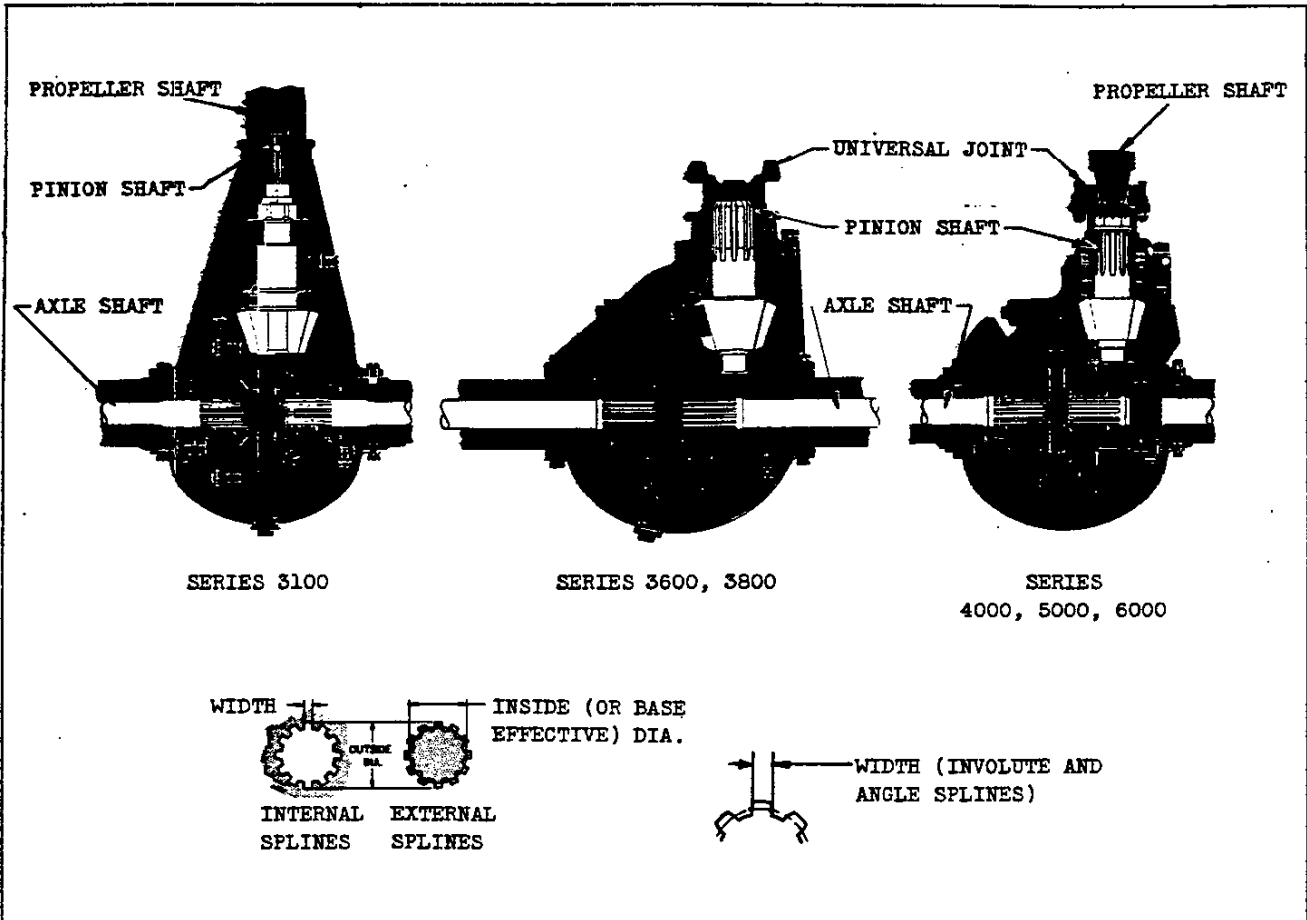
**DRIVE SYSTEM SPLINES—TRANSMISSION AND PROPELLER SHAFT**



ITEM		INTERNAL	EXTERNAL	INTERNAL	EXTERNAL	
TRANSMISSION	Clutch disc hub and transmission clutch gear shaft	Model	1		2	
		Width	.174 - .176	.1705 - .1725	.174 - .176	.1705 - .1735
		Inside dia.	.920 - .925	.918 max.	.920 - .925	.918 max.
		Outside dia.	1.134 - 1.144	1.110 - 1.121	1.134 - 1.144	1.110 - 1.121
	Splines	10 (straight side)		10 (straight side)		
	Transmission mainshaft and front U-joint front yoke	Model	1		6	
		Width	.1473 - .1483	.1453 - .1473	.214 - .215	.2120 - .2135
		Inside dia.	.890 - .891	.853 - .863	1.184 - 1.186	1.177 max.
		Outside dia.	1.003 - 1.017	.973 - .980	1.380 - 1.388	1.355 - 1.365
	Splines	10 (involute)		10 (straight side)		
Transmission mainshaft and front U-joint front flange	Model	2				
	Width	.2125 - .2135	.2120 - .2135			
	Inside dia.	1.182 - 1.187	1.177 max.			
	Outside dia.	1.374 - 1.377	1.355 - 1.365			
Splines	10 (straight side)					
PROPELLER SHAFTS	Propeller shaft front end and front U-joint rear yoke	Model	3		7	
		Width	.0951 - .0961	.0921 - .0941	.1990 - .2015	.196 - .198
		Inside dia.	.993 - .997	.962 - .970	1.1145 - 1.1195	1.0515 - 1.0605
		Outside dia.	1.0835 - 1.0935	1.0642 - 1.0657	1.306 - 1.321	1.280 - 1.284
	Splines	17 (involute)		10 (straight side)		
REAR PROPELLER SHAFTS	Front propeller shaft rear end and propeller shaft flange	Model	4		MODEL LEGEND 1-All 3100, 3600. 2-All 3800, 4000, 5000, 6000. 3-All 3100. 4-All 3600, 3800, 4000, 5400, 5700, 6000. 5-All 3600, 3800, 4000, 5000, 6000. 6-All 3100, 3600 with RPO 318 4-speed transmission. 7-All 3600.	
		Width	.2130 - .2145	.2125 - .2140		
		Inside dia.	1.208 - 1.213	1.120 - 1.130		
		Outside dia.	1.374 - 1.375	1.372 - 1.373		
Splines	10 (straight side)					
FRONT PROPELLER SHAFTS	Intermediate propeller shaft rear end and propeller shaft flange	Model	6702 SCHOOL BUS			
		Width	.2130 - .2145	.2125 - .2140		
		Inside dia.	1.208 - 1.213	1.120 - 1.130		
		Outside dia.	1.374 - 1.375	1.372 - 1.373		
Splines	10 (straight side)					
PROPELLER SHAFTS	Rear propeller shaft front end and U-joint sleeve yoke	Model	5			
		Width	.1455 - .1470	.1435 - .1450		
		Inside dia.	1.295 - 1.300	1.281 - 1.288		
		Outside dia.	1.499 - 1.500	1.497 - 1.498		
Splines	16 (straight side)					

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DRIVE SYSTEM SPLINES—REAR AXLE



ITEM		INTERNAL	EXTERNAL	INTERNAL	EXTERNAL
Differential side gear and axl shaft	Model	1		5	
	Width	.1499 - .1509	.1479 - .1499	.1144 - .1154	.1124 - .1144
	Inside dia.	1.4245-1.4285	1.399 - 1.407	1.194 - 1.198	1.166 - 1.174
	Outside dia.	1.5485-1.5595	1.5275-1.5325	1.3005-1.3105	1.2795-1.2845
	Splines	17 (involute)		17 (involute)	
	Model	2		6	
	Width	.259 - .262	.257 - .259	.173 - .175	.170 - .172
	Inside dia.	1.472 - 1.477	1.440 - 1.450	1.612 - 1.617	1.562 - 1.572
Propeller shaft pinion flange and rear axle drive pinion shaft	Outside dia.	1.6735-1.6785	1.6345-1.6445	1.774 - 1.784	1.722 - 1.730
	Splines	10 (straight side)		16 (angle side)	
	Model	3		<b>MODEL LEGEND</b> 1-All 3600, 3800. 2-All 4000, regular (6.17:1) and RPO 204 (5.43:1) axles. 3-All 5000, 6000 with RPO 202 (2 speed rear axle). 4-All 3600, 3800, 5000, 6000. All 4000, regular (6.17:1) and RPO 204 (5.43:1) axles. 5-All 3100. 6-All 5000, 6000 with regular axle or RPO 202 (2 speed rear axle).	
	Width	.2325 - .2340	.232 - .234		
	Inside dia.	1.289 - 1.294	1.230 - 1.235		
	Outside dia.	1.499 - 1.502	1.496 - 1.498		
	Splines	10 (straight side)			
	Model	4			
Width	.302 - .303	.300 - .302			
Inside dia.	1.694 - 1.702	1.637 - 1.647			
Propeller shaft rear end coupling and rear axle drive pinion shaft	Outside dia.	1.9675-1.9755	1.941 - 1.942		
	Splines	10 (straight side)			
	Model	5			
	Width	.0951 - .0961	.0931 - .0951		
	Inside dia.	.985 - .989	.965 - .973		
	Outside dia.	1.0835-1.0935	1.068 - 1.074		
	Splines	17 (involute)			

**BRAKES**

ITEM		3100	3600	3800	4100-4400	4502	5000	6000	
Service brake type		Hydraulic, 4-wheel internal expanding, double articulating shoe.							
Hand brake type		Mechanical pull rods and cables operate two shoes in each rear brake.							
Drum Type		Composite (cast alloy iron rim and cooling ribs, pressed steel web).							
Dia.	Front & Rear	11	11 & 12	12 & 14	14 & 16				
	Area Total(sq.in.)	242	272	371	478				
Lining		Material Full molded asbestos composition							
Width	Front	1-3/4			2				
	Rear	1-3/4	2	2-1/2	3				
Thick-ness	Front	.187-.194			.265-.272				
	Rear	.187-.194						.265-.272	
Clear-ance	Front	Adjust to slight drag. Back off 4 notches							
	Rear	Adjust to slight drag Back off 4 notches			Adjust to slight drag Back off 2/3 screw turn				
Attach-ment	Front	Riveted (Bonded optional)			Riveted				
	Rear	Riveted (Bonded optional)			Riveted				
Lining area (effective)	Service brake	164 sq.in.	183 sq.in.	248 sq.in.	330 sq.in.				
	Hand brake	82 sq.in.	101 sq.in.	147 sq.in.	215 sq.in.				
Braking pressure	Front	52-1/2%	45-1/4%	50%	41%				
	Rear	47-1/2%	54-3/4%	50%	59%				
Approximate braking ratio	Pedal	6.387:1					6.31:1	6.387:1	
	Hydraulic	11.89:1	8.81:1	9.65:1	9.73:1	9.73:1			
	Av. overall	75.94:1	56.27:1	61.63:1	62.15:1	61.40:1	62.15:1		
Foot pedal	Travel	7.937							
	Mounting	On pedal shaft which is attached to side rail bracket					Same but on sub-frame	Same as 4000 Series	
	Pad	Yes							
Hand brake lever mounting		To transmission					Subframe	Transmission	
Wheel cylinder	Dia-meter	Front	1-1/4	1-1/4	1-3/8	1-1/4			
		Rear	1-3/16	1-3/8			1-1/2		
	Piston travel	.105	.141						.130
Main cylinder	Diameter	1	1-1/4						
	Piston travel	1-1/4							
Brake fluid capacity		Approximately 3/4 pint				Approximately 1 pint			
Brake fluid recommended		Delco, Super #11 or 12							
Vacuum brake booster equipment (hydraulic)	Available as				RPO 212*	RPO 212	Regular equipment		
	Type	Single piston, vacuum suspended, reactionary valve.							
	Power distribution	At 1000 PSI of hydraulic pressure, 63% by pedal and 37% by booster.							
	Pedal pressure needed for 1000 PSI of hydraulic pressure	204 lbs. without booster (actual test) 133 lbs. with booster (actual test)							
Vacuum power reserve tank	Available as	RPO 281 (used with RPO 212 on 4000)							
	Size	24 length x 7-1/2 inside diameter							
	Location	Clamped to inside of left side rail		Clamped to outside of left side rail		Clamped to inside of left side rail			

\* - Used with Heavy Duty Equipment.

□ - Ratio does not include Vacuum Brake Booster Equipment.

**RPO BRAKE EQUIPMENT AVAILABLE ONLY ON SCHOOL BUSES**

Propeller shaft hand brake	RPO	348		
	Type	Double-face disc		
Main cylinder reservoir	Brake lining size and total area	3-7/16 inside radius x 5-7/16 outside radius x 1/4 thick x 90° arc 27.8 square inches of area		
	RPO	259		
Size	6-1/2 overall length x 3 diameter			
	Location	Left side of dash, under hood		

10-1-47

CHEVROLET 1947 SPECIFICATIONS-TRUCKS

BRAKES-85



**POWER PLANT GENERAL INFORMATION**

**BASIC DESIGN DATA**

ITEM	3000-4100-4400	4502	5000	6000 *
Piston displacement	"THRIFT-MASTER" 216.5 cu.in.		"LOAD-MASTER" 235.5 cu.in.	
Bore x stroke (nominal)	3-1/2 x 3-3/4		3-9/16 x 3-15/16	
Type	6 cylinder, valve-in-head			
Compression ratio	6.5:1		6.62:1	
Taxable (SAE) horsepower	29.4		30.4	
Engine idling speed	450-500 RPM			
Compression pressure (engine hot)	110 pounds at cranking speed (210-220 RPM)			
Weight	580#		608#	590#
(dry) Eng., clutch, trans.	670# (630# 3100, 3600)		701#	681#
Governor	RPO241(2800RPM)	Reg.(35 MPH)	Regular (2800 engine RPM) (35 MPH on 6702)	

\* - Available as RPO 225 "Load-Master" engine for all models of 4000 series.

**ADVERTISED MAXIMUM ENGINE PERFORMANCE**

ITEM		3000 - 4000	5000	6000
Horsepower	Gross	90 @ 3300 RPM	90 @ 3100 RPM	93 @ 3100 RPM
	Net	81.5 @ 3100 RPM	80 @ 3000 RPM	83.5 @ 3000 RPM
Torque, ft.lb.	Gross	174 @ 1200-2000 RPM	189 @ 1000-1900 RPM	192 @ 1000-1900 RPM
	Net	168 @ 1100 RPM	179 @ 1000 RPM	182 @ 1000 RPM

**ENGINE SPEED AND PISTON TRAVEL**

SERIES	TIRE SIZE	AXLE RATIO	TRANS-MISSION TYPE	ENGINE RPM AT ONE MILE PER HOUR				PISTON TRAVEL FEET PER MILE	CRANKSHAFT REV. PER MILE	
				LOW OR REVERSE	SECOND	THIRD	HIGH $\delta$			
1500	6.00-16	4.11:1	3 speed	150	86		51	1909	3054	
		3.73:1		136	78		46	1732	2771	
3100	6.00-16	4.11:1	3 speed	150	86		51	1909	3054	
			4 speed	359	177	87	51	1909	3054	
	3 speed		148	85		50	1893	3029		
	4 speed		356	176	86	50	1893	3029		
	3 speed		144	82		49	1837	2939		
	4 speed		346	170	84	49	1837	2939		
3600	15	4.57:1	3 speed	160	91		54	2043	3268	
			4 speed	384	190	93	54	2043	3268	
	3 speed		147	84		50	1871	2993		
	4 speed		352	174	85	50	1871	2993		
	7.00-17		3 speed	143	82		49	1819	2911	
			4 speed	343	169	83	49	1819	2911	
3800	7.00-17	5.14:1	4 speed	396	195	96	56	2104	3367	
	7.50-17			385	190	93	55	2046	3274	
	7.00-18			381	188	92	54	2024	3238	
4000	6.50-20	5.43:1		392	193	95	55	2081	3329	
	7.00-20			381	188	92	54	2023	3236	
	6.50-20			445	219	108	63	2364	3782	
	7.00-20			433	213	105	61	2298	3677	
5000 and 6000	7.50-20	6.17:1		415	204	100	59	2202	3523	
	8.25-20			415	204	100	59	2312	3523	
				401	198	97	57	2239	3412	
	7.50-20			Two speed	412	203	100	58	2297	3500
				6.13:1	544	268	132	77	3035	4625
	8.25-20		6.13:1	399	197	97	57	2225	3390	
	8.10:1	527	260	128	75	2939	4479			

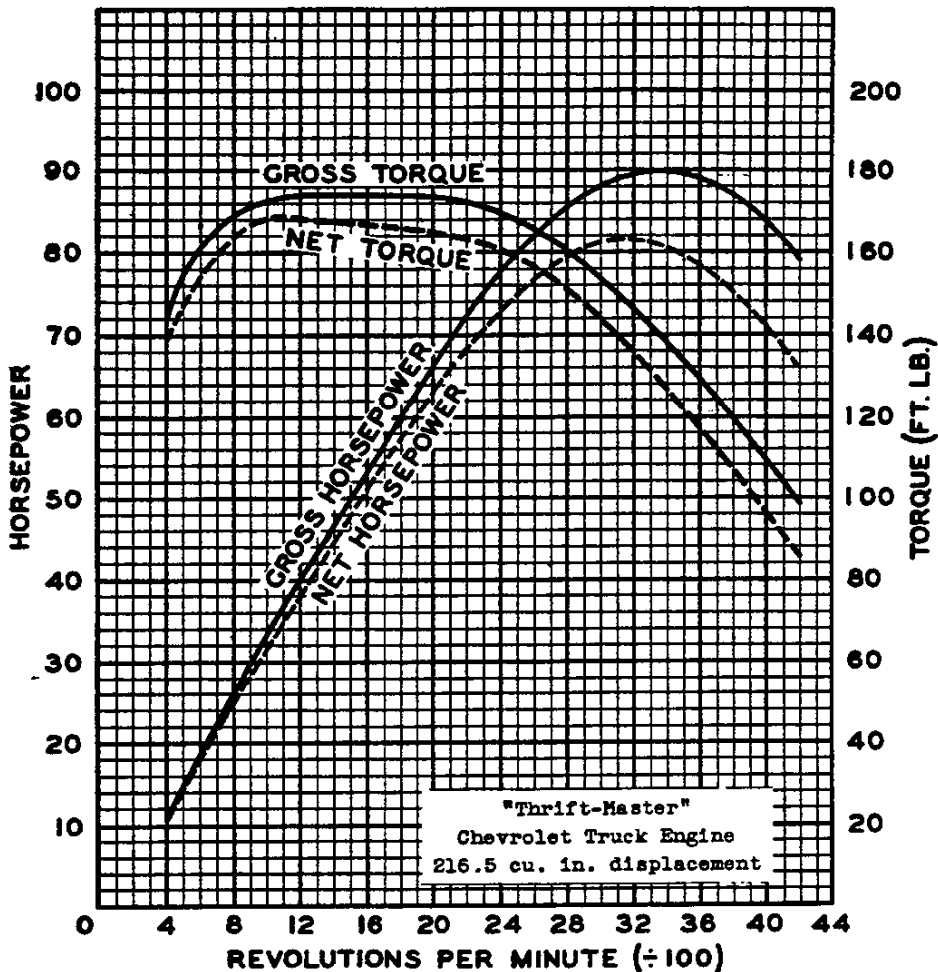
$\theta$  - Engine RPM is determined by locating the figure for one mile per hour (see chart above) and multiplying by the desired miles per hour. MPH is determined by dividing the known engine RPM by the engine RPM for one mile per hour (see chart above).  $\delta$  - Also known as NV factor.

10-1-47

**CHEVROLET 1947 SPECIFICATIONS—TRUCKS**

**ENGINE-86**

ENGINE PERFORMANCE



The engine performance curves shown on this sheet are true copies from Chevrolet engine test report 9616-45. They represent the full throttle performance of a "Thrift-Master" Chevrolet truck engine (216.5 cu. in. displacement) as obtained from dynamometer test data which were corrected to the standard barometric pressure of 29.92" Hg. 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, the generator charging and automatic spark advance.

August 15, 1947

The data on this sheet are true as represented.  
 CHEVROLET - CENTRAL OFFICE - ENGINEERING DEPT.  
 DIVISION OF GENERAL MOTORS CORPORATION

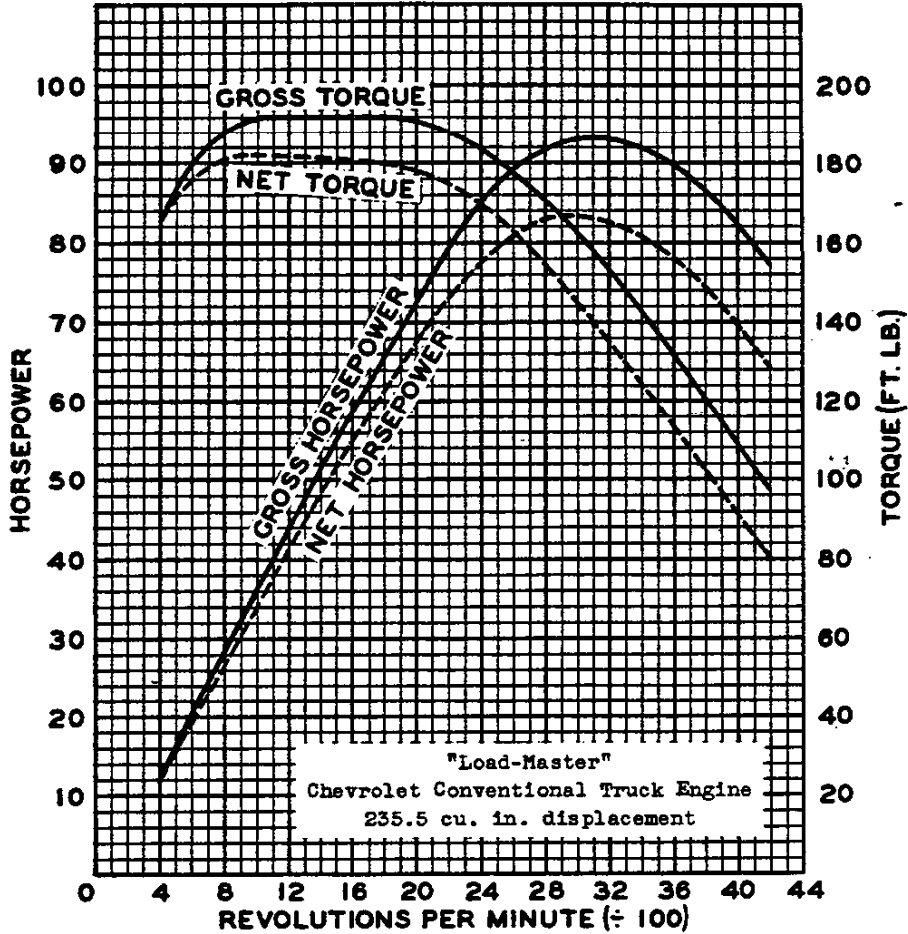
*R. B. Wuerfel*  
 R. B. Wuerfel  
 Transport Engineer

State of Michigan  
 County of Wayne

On this 15th day of August 1947 personally appeared before me, R. B. Wuerfel, known to me to be such, who makes oath that the data on this sheet are true as represented.

*Byron N. Holmer*  
 Notary Public, Wayne County  
 My commission expires July 27th, 1951

**ENGINE PERFORMANCE**



The engine performance curves shown on this sheet are true copies from Chevrolet engine test report 9840-16. They represent the full throttle performance of a "Load-Master" Chevrolet conventional truck engine (235.5 cu.in. displacement) as obtained from dynamometer test data which were corrected to the standard barometric pressure of 29.92" Hg. 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, the generator charging and automatic spark advance.

August 15, 1947

The data on this sheet are true as represented.  
 CHEVROLET - CENTRAL OFFICE - ENGINEERING DEPT.  
 DIVISION OF GENERAL MOTORS CORPORATION

*R. B. Wuerfel*

R. B. Wuerfel  
 Transport Engineer

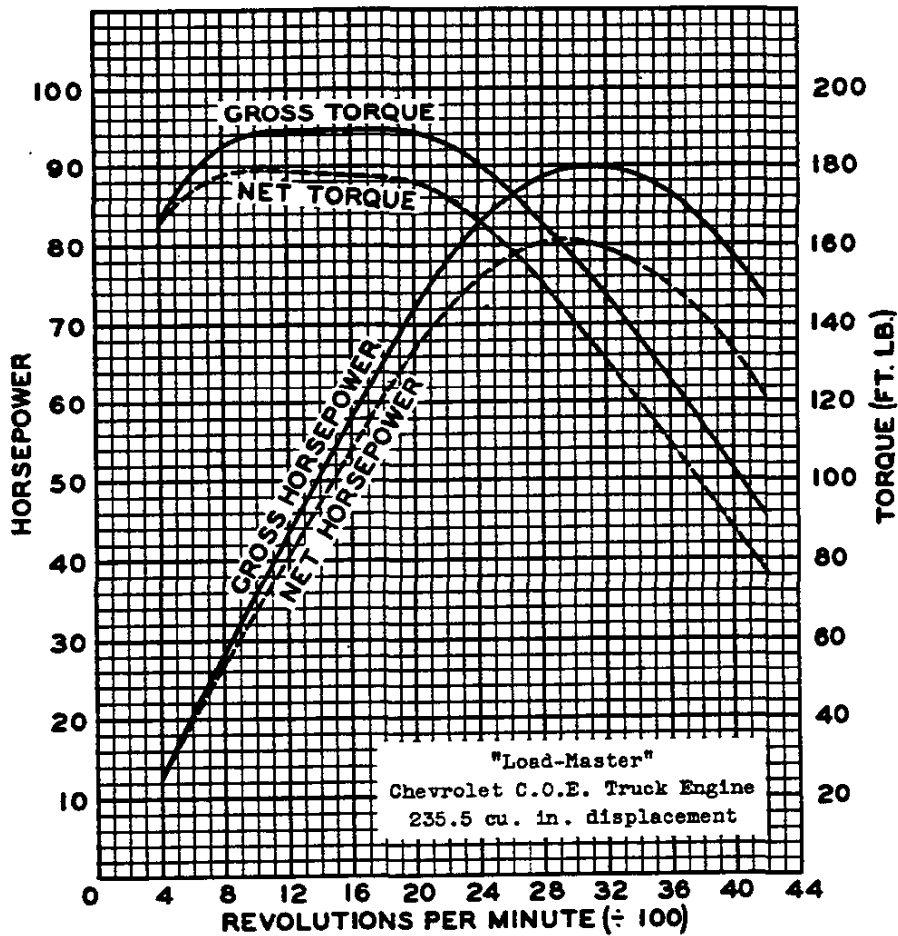
State of Michigan  
 County of Wayne

On this 15th day of August 1947 personally appeared before me, R. B. Wuerfel, known to me to be such, who makes oath that the data on this sheet are true as represented.

*Wm. H. Holmes*

Notary Public, Wayne County  
 My commission expires July 27th. 1951

**ENGINE PERFORMANCE**



The engine performance curves shown on this sheet are true copies from Chevrolet engine test report 9840-35. They represent the full throttle performance of a "Load-Master" Chevrolet COE truck engine (235.5 cu. in. displacement) as obtained from dynamometer test data which were corrected to the standard barometric pressure of 29.92" Hg. 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, the generator charging and automatic spark advance.

August 15, 1947

The data on this sheet are true as represented.  
 CHEVROLET - CENTRAL OFFICE - ENGINEERING DEPT.  
 DIVISION OF GENERAL MOTORS CORPORATION

*R. B. Wuerfel*  
 R. B. Wuerfel  
 Transport Engineer

State of Michigan  
 County of Wayne

On this 15th day of August 1947 personally appeared before me, R. B. Wuerfel, known to me to be such, who makes oath that the data on this sheet are true as represented.

*Rayon H. Holmer*  
 Notary Public, Wayne County  
 My commission expires July 27th, 1951

8-29-47

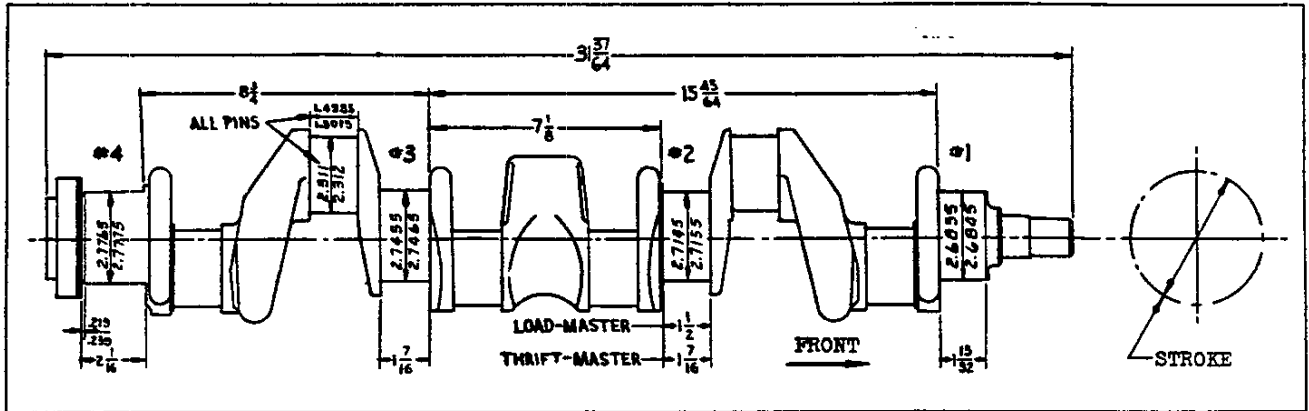
CHEVROLET 1947 SPECIFICATIONS—TRUCKS

ENGINE-89

### CYLINDER AND CASE AND HEAD

Material ----- Cast alloy iron      Bore diameter:  
 Offset ----- None      "Thrift-Master" (216.5 eng.) ---- 3.4995-3.5015  
 Cyl. head bolt torque (service) ---- 70-80 ft. lb.      "Load-Master" (235.5 eng.) ---- 3.5620-3.5640

### CRANKSHAFT AND BEARINGS •



#### CRANKSHAFT

Material ----- Drop-forged steel  
 Weight ----- 68 lb.  
 End play ----- .004-.007  
 Counterweights ----- 7  
 Stroke-"Thrift-Master" ----- 3-3/4 ± .005  
       "Load-Master" ----- 3-15/16 ± .005

#### HARMONIC BALANCER (Vibration Dampener)

Type ----- Oscillating (Rubber-floated)  
 Fan drive pulley diameter ----- 6-1/32

#### MAIN BEARINGS

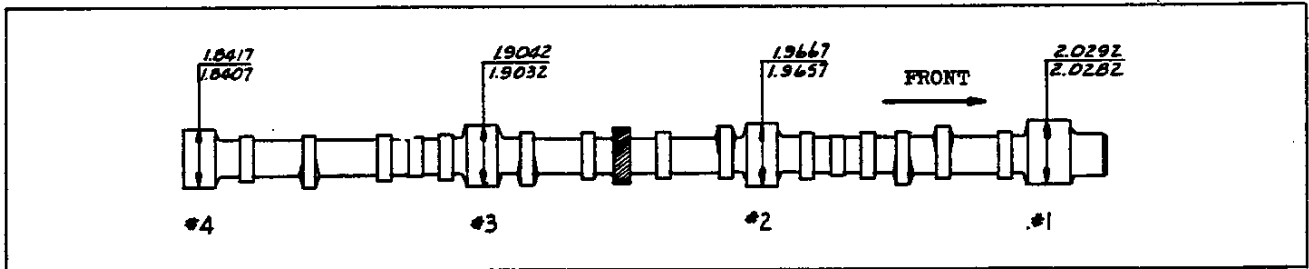
Material ----- Steel-backed babbitt

Type ----- Slip-in  
 Removable ----- From below  
 Necessary to align ream ----- Yes  
 Clearance ----- Selective fit with solid shims  
 End thrust taken on ----- #3  
 Bearing bolt torque -----  
       ----- 100-110 ft. lb. with oiled threads

Brg.	Inside Dia.	Length	Proj. Area*
#1	2.6865-2.6875	1-3/16	2.603 sq. in.
#2	2.7175-2.7185	1-3/16	2.633 sq. in.
#3	2.7485-2.7495	1-7/16	2.629 sq. in.
#4	2.7795-2.7805	1-5/8	3.909 sq. in.

\* - Based on effective length, i.e. overall length shown above, less oil groove and chamfers.

### CAMSHAFT AND BEARINGS •



#### CAMSHAFT

Material ----- Drop-forged steel  
 Minimum diameter ----- 1-3/32  
 End play ----- Free to .003 maximum  
 Ramp-inlet ----- .0111  
   -exhaust ----- .014

#### DRIVE

Make ----- Chevrolet  
 Type ----- Helical gear  
 Driven gear (on camshaft) material -----  
       ----- "Thrift-Master", Bakelite  
       and fabric composition with steel hub. "Load-  
 10-1-47. 10-16-47; •-Titles corrected

Master", sand cast aluminum alloy with steel hub.  
 Drive gear (on crankshaft) material ----- Steel

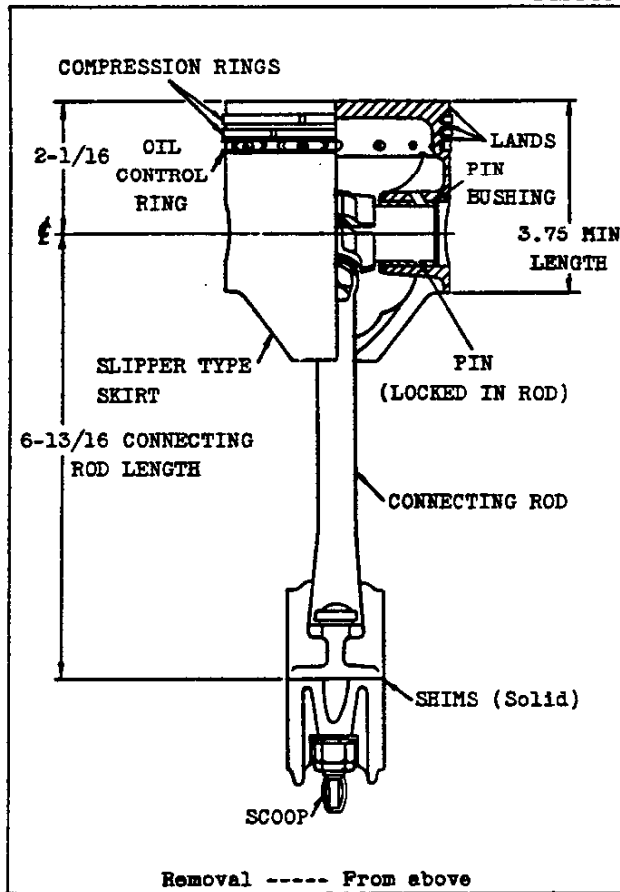
#### BEARINGS

Material ----- Steel-backed babbitt  
 Clearance on diameter ----- .0015-.0035  
 Thrust taken at ----- #1

Brg.	Inside Dia.	Length	Proj. Area <sup>θ</sup>
#1	2.0307-2.0317	1-1/8	2.285 sq. in.
#2	1.9682-1.9692	15/16	1.846 sq. in.
#3	1.9057-1.9067	15/16	1.787 sq. in.
#4	1.8432-1.8442	15/16	1.728 sq. in.

θ - Based on overall length shown above.

**PISTON-PIN-RINGS**



Oil ring groove diameter -----  
 ----- { Thrift-Master engine ----- 3.118-3.138  
 ----- { Load-Master engine ----- 3.180-3.190  
 Oil drain holes, number and size -- 14, 5/32 drill

**PISTON PIN BUSHINGS**

Type ----- Pressed in piston  
 Material ----- Cast bronze  
 Inside dia. & finish -- Slip fit on pin, diamond bore  
 Length (each) ----- 15/16  
 Weight (each) ----- .06 lb.

Weights:	Thrift-Master	Load-Master
Piston alone	1.70 lb.	1.77 lb.
Piston and bush. assy.	1.82 lb.	1.89 lb.
Piston, bushing rings, pin and conn. rod upper end x 6	16.26 lb.	16.68 lb.

**PISTON PIN**

Material ----- Chromium steel (file hard case)  
 Diameter ----- .8645-.8650  
 Length ----- 3.135-3.165  
 Taper limit in full length ----- .0002  
 Weight ----- .32 lb.  
 Clearance in bushing ----- Slip fit

**COMPRESSION RINGS**

Material ----- Cast alloy iron,  
 surface treated with a wear resistant coating.  
 Type ----- Taper face  
 Number per piston ----- Two  
 Width ----- .1235-.1240  
 Wall thickness ----- .155 maximum  
 Gap clearance ----- .005-.015  
 Ring clearance in groove ----- .0015-.003  
 Weight (each) ----- .05 lb.

**OIL CONTROL RING**

Material ----- Cast alloy iron  
 Type ----- Wide-slot  
 Width ----- .1860-.1865  
 Wall thickness { Thrift-Master engine --- .155 maximum  
 { Load-Master engine ----- .160 maximum  
 Gap clearance ----- .005-.015  
 Ring clearance in groove ----- .0020-.0035  
 Weight ----- .05 lb.

**PISTON**

Make ----- Own  
 Size ----- { to fit 3-1/2 bore (216.5 engine)  
 ----- { to fit 3-9/16 bore (235.5 engine)  
 Features ----- Flat head, oval, slipper skirt  
 Material ----- Cast alloy iron,  
 surface treated with a wear resistant coating.  
 Head thickness at center ----- .180-.190  
 Diametral relief at lands ----- .015-.023  
 Skirt clearance in cylinder bore { Pass on -- .0015  
 ----- { Hold on --- .003  
 Compression ring groove diameter -----  
 ----- { Thrift-Master engine ----- 3.155-3.180  
 ----- { Load-Master engine ----- 3.2175-3.2425

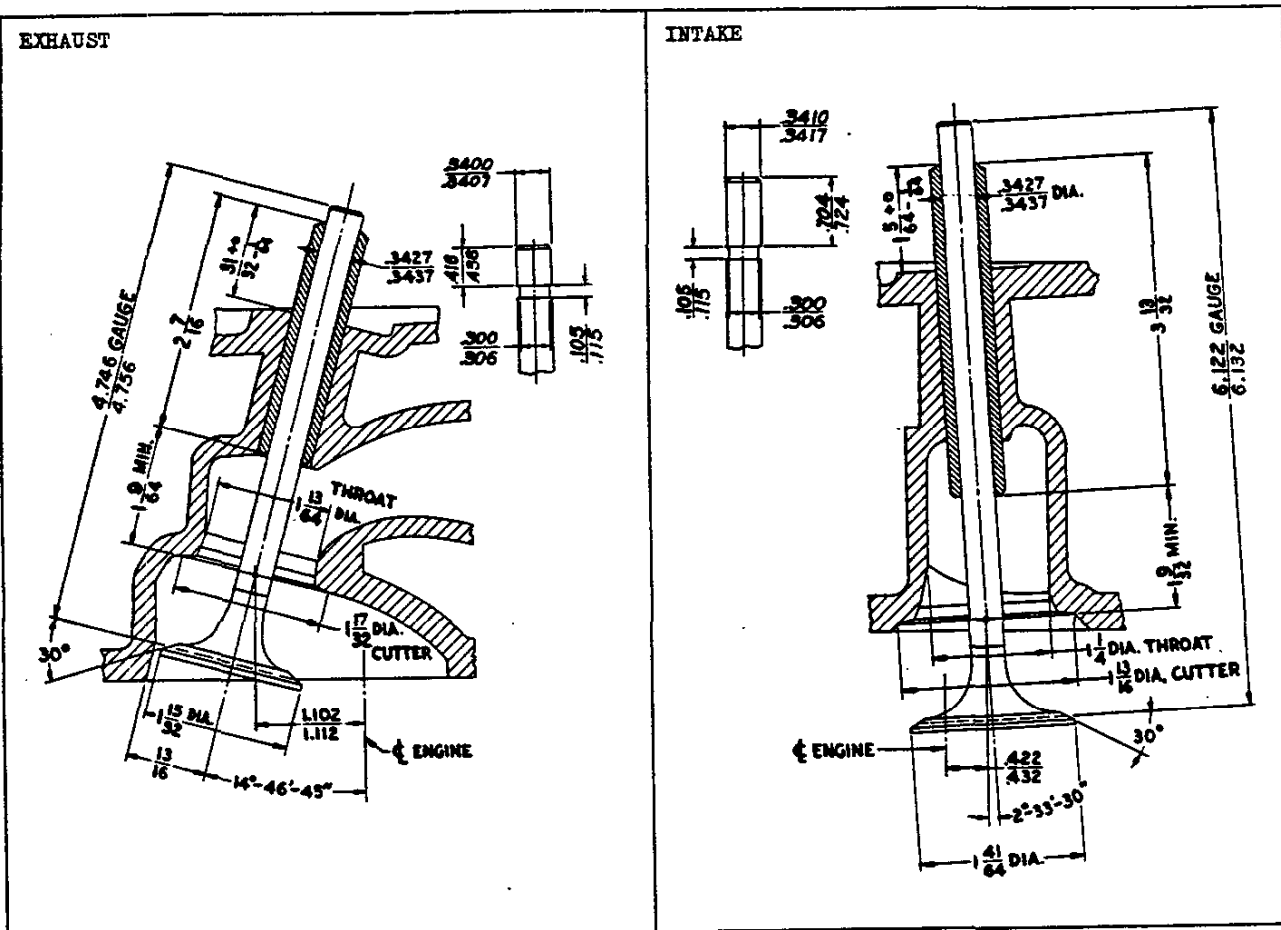
**CONNECTING RODS**

Type ----- Rod clamps piston pin  
 Material ----- Drop-forged steel  
 Assembly center of gravity, 5.322 from piston pin  
 Rod width at piston pin ----- 1.125-1.127  
 Rod width at crankpin ----- 1.490-1.494  
 Crankpin bearing:  
 Type ----- Spun (centrifugally cast)  
 Material ----- High lead babbitt  
 Diameter ----- 2.3135-2.3140  
 Effective length --- (overall length less oil  
 groove and chamfers) ----- 1.138

Clearance on diameter ----- Selective fit  
 Projected area per rod -- (based on effective  
 length) ----- 2.633 sq.in.  
 Assembly weight: ----- 1.96 lb.  
 Upper end ----- .42 lb.  
 Lower end ----- 1.54 lb.  
 Total rotating weight -- (weight of lower end x 6  
 connecting rods) ----- 9.24 lb.  
 End play ----- .004-.012  
 Recommended bolt nut torque (service) -----  
 ----- 40-45 ft.lb. with oiled threads

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## VALVE TRAIN



### VALVES

Make ----- Own  
 Material ----- Extruded steel  
 Stem end style ----- Grooved for keys  
 Lift-exhaust valve ----- .3118  
 -inlet valve ----- .2941

Distance between valve centers -----  
 - 1-21/32 (measured along centerline of engine).  
 Operating tappet clearance for valve timing -----  
 ----- See valve lash shown below

Lash (with engine normalized\*): Inlet Exhaust  
 Regular engine up to and incl.  
 8000 lb. GVW and school buses .008 .015  
 Reg. engine above 8000 lb. GVW .010 .020  
 RPO 224 economy engine .010 .016

\* - To normalize engine, run it at fast idle (approximately 600 RPM) until a constant oil temperature is maintained for a period of five minutes.

### TAPPETS

Type and material --- Cylindrical, cast alloy iron  
 outside diameter ----- .989-.990  
 Lift-exhaust ----- .2111  
 -inlet ----- .1991  
 Clearance ----- Selective fit  
 Hydraulic valve lifters ----- None

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**CHEVROLET 1947 SPECIFICATIONS—TRUCKS**

### VALVE STEM GUIDES

Type ----- Removable  
 Clearance with stem-exhaust ----- .002-.0037  
 -inlet ----- .001-.0027

### VALVE ROCKER ARMS

Material ----- Malleable iron casting  
 Ratio (cam lift to valve lift) ----- 1.477:1  
 Torque of valve rocker shaft support bolts and nuts ----- 25-30 ft.lb.  
 Bearing-type ----- Rocker arm I.D.  
 -inside diameter ----- .7925-.7935  
 -length ----- 15/16

### VALVE SPRINGS

#### LENGTH AND PRESSURE

Valve closed ----- 1.821 at 54-62 lb.  
 Valve open ----- 1.505 at 124-140 lb.  
 Out of engine (free) length ----- 2-1/8

### VALVE SEATS

Material ----- Cast alloy iron (cylinder head)  
 Inserts ----- None  
 Cooling ----- Jets of water under pressure  
 Width in head-exhaust valve ----- .062-.093  
 -inlet valve ----- .035-.060

**ENGINE -92**

**ENGINE COOLING SYSTEM**

Method of cooling cylinder walls ----- Full length water jacket with water around each cylinder.  
 Method of cooling valve seats --- "Nozzle jet" system with water under pressure directed against seats.

ITEM		3100-3600	3800-4000	5000	6000	
Capacity (quarts)	Regular	15			17.5	17.5, with shroud
	RPO 256	(Not available for 3100) 17.5, with shroud				
Radiator core	Make and type	Harrison, ribbed cellular				
	Material	All copper				
	Size	Regular	.25 x .560 x 2	.20 x .560 x 2	.20 x .560 x 3	
		RPO 256	(Not available for 3100) .20 x .560 x 3			
Frontal area		407 square inches				
Radiator overflow tank		RPO 271			RPO 271	
Radiator hose	Type	Reinforced rubber, outlet consists of two hoses joined by steel tube				
	Location	Inlet	From cylinder head to radiator core upper tank, 1-1/4 I.D.			
		Outlet	From radiator core lower tank to water pump, 1-1/2 O.D. x 3-1/8			
Thermo-stat	Make and type	Harrison, bellows operating poppet valve				
	Location	In cylinder head water outlet				
	Valve action	Regular	Starts to open at 140-147°F.-fully open at 170°F.			
		RPO 224	(Available for 3000 only) Starts to open at 156-165°F.-fully open at 185°F.			
	Hg.Bar. at 29" press.	Acces-sory	Starts to open at 148-155°F.-fully open at 173°F.			
			For permanent anti-freeze (Starts to open at 166-174°F.-fully open at 194°F. Starts to open at 178-185°F.-fully open at 210°F.)			
Engine fan	Make	Own				
	Type and size	4 staggered blades-18 diameter				
	Pulley size	28° V x 4-21/64 diameter				
	Fan to engine speed ratio	1.405:1				
	Fan belt	Material	One piece vulcanized fabric			
	Size	11/16 max. width x 42-7/8 around outside				
Water pump	Type and drive	Centrifugal, by fan belt				
	Location	On front of cylinder and case				
	Capacity	47 gallons per minute at 4000 engine RPM				
	Bearing & shaft	Make	New Departure No. 954252-Permanently lubricated ball type			
		Size	1.1806-1.1811 O.D. x 1-21/32 bearing length			
	Seal	Matl.	Moulded rubber sealed with rubber cement			
	Adjust.	Automatic, by spring tension				

**FUEL TANK**

ITEM	3100	3600	3800	3800-4100-4400 6100-6400	5000	4502-6702
		All	All	Pickup, Panel, Canopy	All except 3800 Pickup, Panel & Canopy	All
Mounting	Regular Clamped to inner side of right side member			RPO 379*	Regular Clamped to outer side of right side member	
Type	Two stamped pans, seam welded together				Three piece with soldered or welded seams	
Capacity	16 gallons		18 gallons		30 gallons	
Filler location	To rear of right side door location				At right side of chassis	
Fuel Gauge	Make	AC				
	Type	Electric				

\* - This equipment must be specified when RPO 207 Long running board and rear fender equipment is specified on 3800.

CONTINUED



**FUEL SYSTEM—Continued**

**CARBURETOR**

ITEM	3000	3000-4000 6000	5000
	Regular or RPO	RPO 224	Regular
Make	Carter		
Model	W1-616S	W1-574S	BB1-517S
Type	Single adjustment, balanced		
	Down-draft		Up-draft
Idle adj. Number of turns open	1 to 2	1-1/4 to 2-1/4	1/2 to 1-1/4
Size (main venturi throat I.D.)	1-1/16	1-1/4	1-1/16
Float level when closed	Top of float is 1/2 below finished surface of cover		Top of float is 1/32 to 1/16 below top of float chamber
Choke	Manual (no automatic choke)		
Supercharger	None		
Manifold heat control	Automatic (thermostatic)		
Manifold cover	Yes		

**FUEL PUMP**

Make ----- AC  
 Model ----- AF  
 Type ---- Mechanical (diaphragm "high reserve")  
 Drive ----- From camshaft  
 Arm throw ----- 1/4 at camshaft  
 Air dome ----- Yes (inlet and outlet)  
 Filter ----- 120 mesh screen in dome  
 Octane selector ----- Manual, 20° range

**AIR CLEANER**

ITEM		3000-4000	5000	6000
Make		AC		
Flame arrester type		Reg. equip.		
Oil bath and flame arrester type	1 lb. cap.	RPO 216* except 4502		
	2 lb. cap.	RPO 216*		Reg. equip.
	4 lb. cap.		Reg. equip.	

\* - Not used with heavy duty engine equipment.

**EXHAUST SYSTEM**

**MUFFLER AND EXHAUST PIPES**

Muffler make & mounting --- Various, single point  
 Muffler type -- Diffusion & resonance, reverse flow  
 Muffler size (outside) -- 5-1/16 diameter x 21 long  
 Exhaust pipe O.D. ----- 1-7/8  
 Tail pipe I.D. ----- 1-11/16

**ENGINE LUBRICATION SYSTEM**

**METHOD OF LUBRICATION**

Type ----- Chevrolet "specialized" (pressure, pressure stream and splash).  
 Main bearings --- Direct pressure through drilled passages in the cylinder case to the bearings.  
 Camshaft bearings ----- Direct pressure through passages from the main bearings.  
 Timing gears ----- Gravity feed  
 Connecting rod bearings ----- Pressure streams directed against connecting rod scoops.  
 Cylinder bores and piston pins ----- Splash  
 Valve mechanism ----- Pressure.  
 Oil is piped from oil distributor (high pressure side) past bleed hole (to regulate pressure) and through metering hole; then through water jacket (to condition temperature) and finally to rocker shaft and arms. Valve stems, springs, and push rod ends are gravity fed from rocker arms.  
 Water pump bearing -----  
 -- Permanently lubricated, sealed, ball bearing.

**OIL PUMP**

Type and drive ----- Gear, from camshaft  
 Capacity (gallons per minute, hot oil) -----  
 ----- 7.16 at 4000 engine RPM  
 Normal oil pressure -- 14 lb. at 2000 engine RPM  
 Oil pressure relief valve opens at ----- 60 PSI

Cleaner type -- 20 mesh x .015 non-corrosive steel wire screen; by-pass in intake side of oil pump.

**MISCELLANEOUS**

Crankcase oil filler --- Combined with ventilator  
 Crankcase breather air cleaner assy.(6000 only):  
 -make and type ----- AC, copper ribbon  
 -location ----- Top of valve rocker cover  
 Oil level gauge ----- Rod type  
 Oil pressure gauge-make ----- AC  
 -type ----- Pressure  
 Oil filter-make ----- AC (RPO 237)  
 -capacity (dry) ----- 2-1/2 qt.  
 -flow ---- Approximately 20 gal. / hr.

**OIL PAN**

Capacity ----- 5-1/2 qt., dry; 5-qt., for refill  
 Drain ----- Plugged hole in rear of pan  
 Torque, bolts, on corners -- 12-1/2 to 15 ft.lb.  
 Torque, screws, on flanges --- 6 to 7-1/2 ft.lb.

**LUBRICANT RECOMMENDED**

Temperature	Grade
Not lower than 32°F. -----	20W or SAE 20
As low as plus 10°F. -----	20W
As low as minus 10°F. -----	10W
Below minus 10°F. -----	10W, plus 10% kerosene

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## ENGINE ELECTRICAL SYSTEM

### GENERATOR

Make ----- Delco-Remy  
 Model ----- 1102667  
 Type ----- 2 brush, shunt wound  
 Rated voltage ----- 6 to 8  
 Ventilation ----- By fan in generator pulley  
 Driven by ----- Fan belt  
 Pulley size ----- 28" x 3-11/32 dia.  
 Speed ratio (gen. to engine) ----- 1.83:1  
 Maximum output (controlled charging rate) --- Hot:  
   -ampères ----- 35  
   -voltage ----- See voltage regulator  
   -generator RPM ----- 2400 and up  
   -engine RPM ----- 1311 and up  
 Bearings:     Commutator end     Drive end  
   -number ----- 812823 ----- N.D. 903203  
   -type ----- Bronze bushing ----- Ball  
   -I.D. ----- .562-.563 ----- .6690-.6693  
   -O.D. ----- .783-.784 ----- 1.5743-1.5748  
   -width ----- 51/64 ----- .4674-.4724  
 Generator speed at cut-in ---- See cutout relay  
 Engine RPM at cut-in ----- See cutout relay  
 Brush spring tension ----- 25 oz.  
 Rotation (drive end) ----- Clockwise

### STARTING

Starting device ----- Mechanical  
 over-running clutch actuated directly by pedal.  
 Starting operation -----  
 ---With ignition switch ON, depress starter pedal.  
 Pinion meshes ----- From front of flywheel  
 Pinion teeth ----- 9  
 Flywheel teeth ----- 139, 1/2 wide, 13.9 P.D.  
 Flywheel bolt recommended torque ---- 50-65 ft.lb.  
 Gear ratio (starter armature to flywheel) - 1:15.44  
 Normal engine cranking RPM (60°F. air) ---- 125

### STARTING MOTOR

Make ----- Delco-Remy  
 Model ----- 1107061  
 Direction of rotation (commutator end) -----  
 ----- Counter-clockwise

Bushings	Commutator end	Drive end
Type	Bushing pressed in die cast aluminum end frame	Rolled bronze graphite
I.D.	.5625-.5635	.499-.501
O.D.	.6245-.6255	.5615-.5625
Width	.812	.779-.784

Starting motor test data -----  
   ----- Lock test     No load test  
   -ampere draw ----- 525 ----- 65  
   -volts ----- 3.4 ----- 5  
   -torque ----- 12 ft.lb. -----  
   -RPM ----- 5000  
 Brush spring tension ----- 24 to 28 oz.

CONTINUED

### VOLTAGE AND CURRENT REGULATOR

Make and model ----- Delco-Remy 1118201  
 Type ----- Vibrator  
 Voltage regulator:  
   -volts ----- 7.2 to 7.4  
   -temperatures ----- Operating  
   -average air gap ----- .070  
 Current regulator:  
   -ampères ----- 34 to 36  
   -temperatures ----- Operating  
   -average air gap ----- .080  
 Cutout relay:  
   -voltage at closing ----- 6.2 to 6.7  
   -generator armature speed ----- 800 RPM  
   -engine speed ----- 437 RPM  
   -ampères to open (reverse current) --- 0 to 4  
   -average air gap ----- .020

### BATTERY

ITEM	SCHOOL BUSES	ALL OTHERS
Make	Delco	
Model	19Q4W	15X4W
Length, at top	10-3/8	9
Width, at top	7	
Height	8-11/16	
Voltage	6	
Capacity	125 amp. hr.	100 amp. hr.
	At 20-hour rate	
Bench normal charging rate	7 amperes	
Cell arrangement	3, side-to-side	
Plates per cell	19	15
Terminal grounded	Negative	
Location	At right, on frame, under hood	At right, outside frame

### IGNITION SYSTEM

Type ----- Separate units, as follows: high tension distributor ground return system with centrifugal and vacuum spark advance, high intensity spark with automatic polarity reversing switch for breaker points, waterproof coil.  
 Ignition cable make ----- Packard Electric  
 Ignition lock-make ----- Rochester Products  
   -type ----- Three position: on, locked off, or unlocked off

### COIL

Make and model ----- Delco-Remy 1115380  
 Location ----- Engine right side  
 Amperes drawn --- 4.5, engine stopped; 2.5, idling

### SPARK PLUGS

Make and model ----- AC 104  
 Thread size ----- 10 mm.  
 Recommended gap ----- .040  
 Recommended torque (service) ----- 12-15 ft.lb.

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CHEVROLET 1947 SPECIFICATIONS--TRUCKS

ENGINE-95

## ENGINE ELECTRICAL SYSTEM—Continued

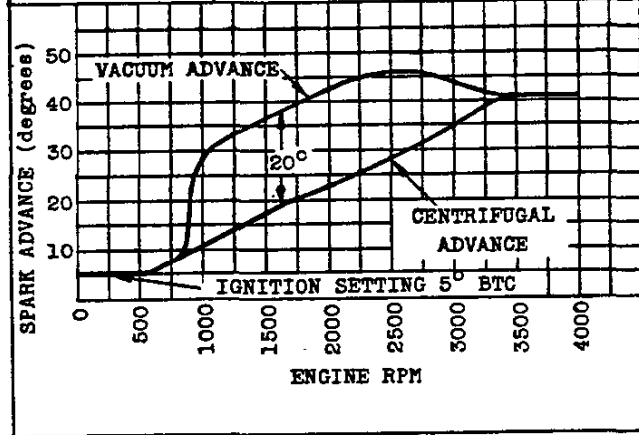
### DISTRIBUTOR

Make and model ----- Delco-Remy, 1110090  
 Current source ----- Generator or battery  
 Breaker contact opening and nominal contact angle:  
   -with new breaker lever --- .018-.024 --- 34°  
   -with old breaker lever --- .015-.022 --- 39°  
 Breaker arm tension ----- 17-21 oz.  
 Polarity reversing switch -- On starting motor top  
 Vacuum control part number ----- 1116043  
 Condenser (service) part number ----- 1908757

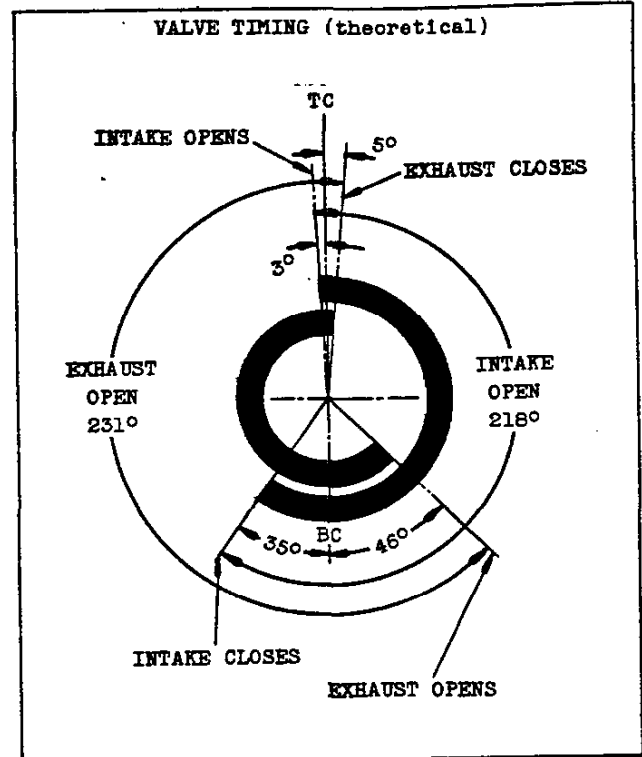
### ENGINE TIMING

Timing spark advance (initial setting) ---- 5° BTC  
 Timing marks location ----- On flywheel  
 Firing order ----- 1-5-3-6-2-4

Automatic spark advance:	Advance begins	Full advance
Vacuum control	7" Hg. min.	20° at 12" Hg. min.
Centrifugal	600 RPM	32.5° to 39.5° at 3450 RPM and up.



### VALVE TIMING (theoretical)



## POWER PLANT MOUNTING

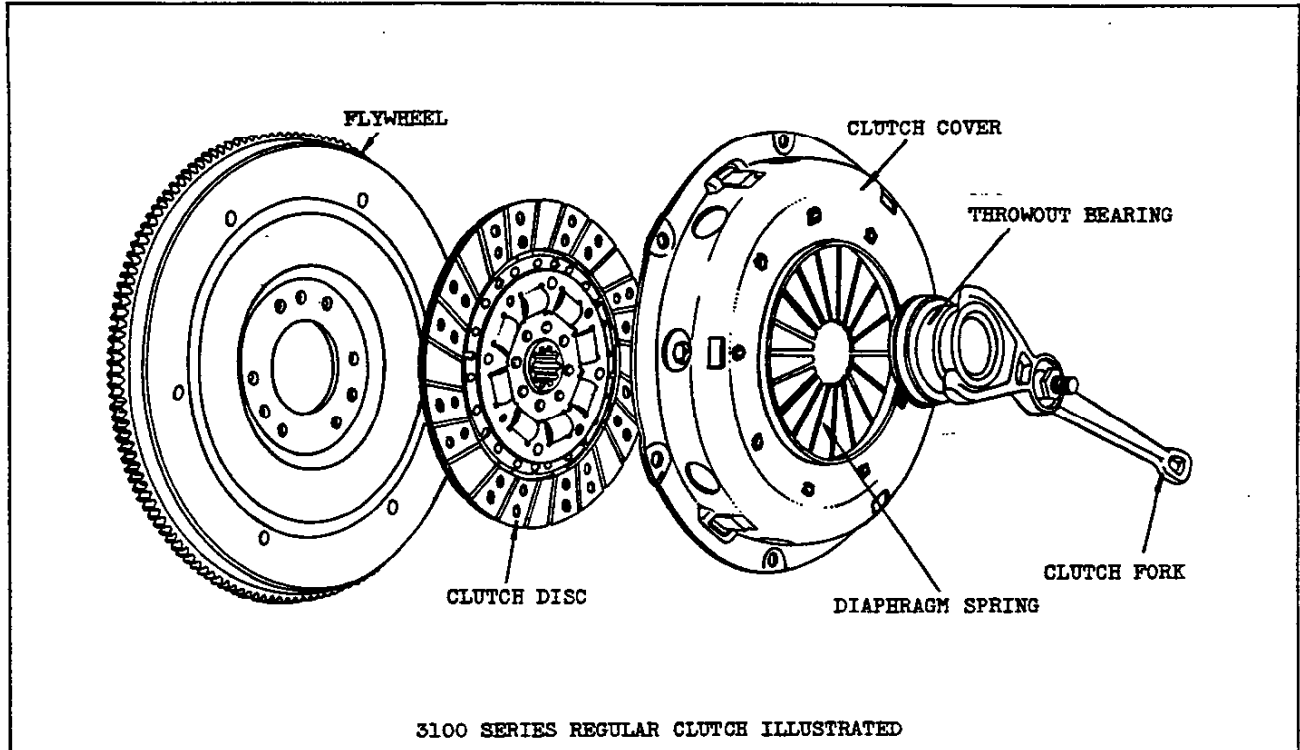
LIGHT DUTY TRUCKS (3100 only)	ALL OTHER TRUCKS AND SCHOOL BUSES
TYPE: 4-POINT RUBBER (CUSHION BALANCED)	TYPE: 3-POINT RUBBER (CUSHION BALANCED)
TORQUE TUBE DRIVING AND, BRAKING REACTION SUPPORT.	

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CHEVROLET 1947 SPECIFICATIONS—TRUCKS

ENGINE-96

## CLUTCH



3100 SERIES REGULAR CLUTCH ILLUSTRATED

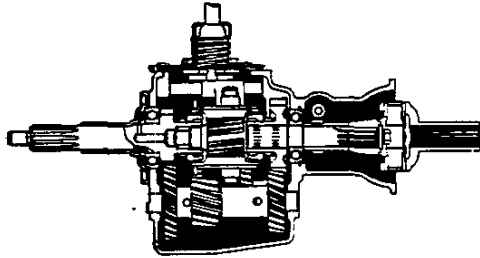
ITEM		3100		3600, 3800, 4000, 5000, 6000	
		Regular clutch	RPO 227	Regular clutch	
Type		Single dry plate			
Rated torque capacity		200 foot pounds			
Drive		Direct to flywheel face			
Ventilation		Vaness cast in pressure plate			
Diaphragm spring	Pressure in flat position	1100 to 1225 pounds	1175 to 1275 pounds		
	Material	Spring steel, heat treated			
	Pressure levers	18, integral with spring			
Discs	Driving	Two (flywheel and pressure plate)			
	Driven	One			
	Vibration insulation at hub	8 cushion springs	6 cushion springs		
	Facing	Material	Molded asbestos composition		
		Outside diameter	9-1/8	10-3/4	
Inside diameter		6-1/8	7		
Area		71.86 square inches	104.6 square inches		
	Thickness	.132-.138	.137-.143		
Bearings	Throwout (release)	Type, make, number	Special ball bearing; N.D. 909422		
		Lubrication	Packed for life		
	Pilot	Make and number	Chevrolet 412562		
		Type	Sintered graphite-bronze bushing. Oil-impregnated		
		Inside diameter	.5915-.5925		
		Outside diameter	1.0935-1.0945		
		Width	.740-.760		
Lubrication	Self				
Controls	Clutch fork type	Drop-forged (pivot mounted on ball)			
	Pedal mounting location	On shaft, bracketed to side rail (to subframe in 5000)			
Flywheel	Material	Cast alloy iron			
	Weight (with ring gear)	30 pounds			
	Ring gear type	Steel, shrunk on			
	Ring gear teeth	139, 1/2 wide. Pitch diameter 13.9			
Clutch attachment to flywheel		6 bolts	9 bolts		

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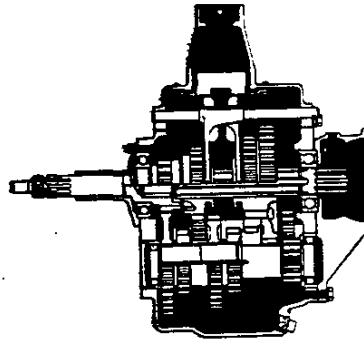
CHEVROLET 1947 SPECIFICATIONS--TRUCKS

CLUTCH -97

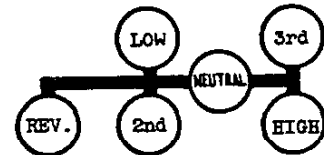
**TRANSMISSION**



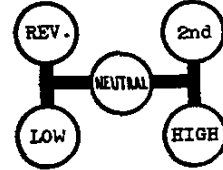
**3-SPEED**



**4-SPEED**



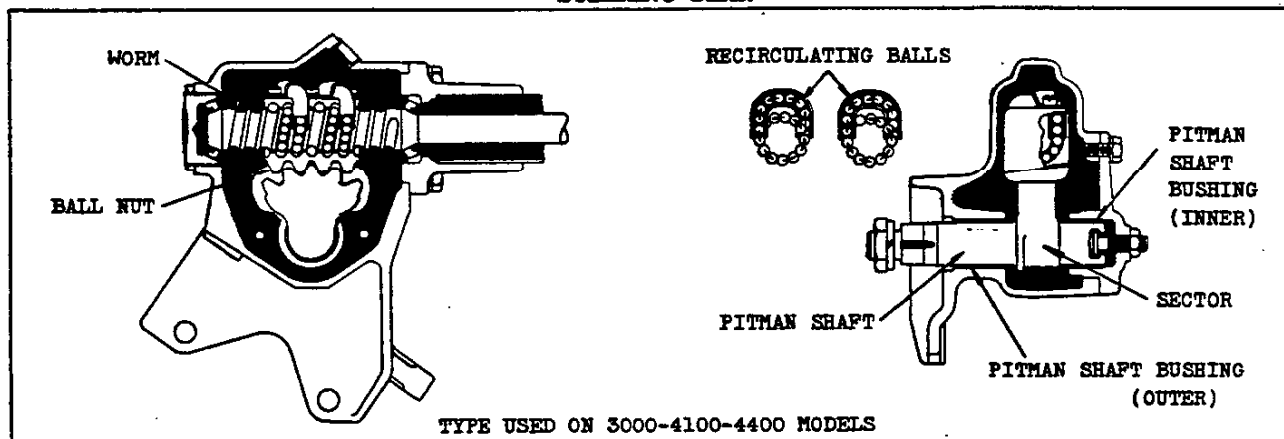
**H TYPE**



**STANDARD H TYPE**

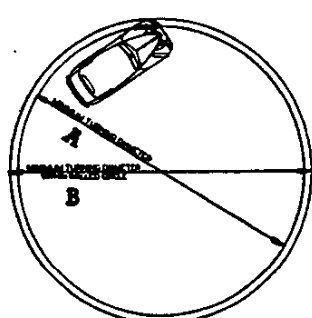
ITEM		All 3100 and 3600		All 3800-4000-5000-6000	
		Regular equipment	RPO 318	Regular equipment	
Number of speeds		3 forward, 1 reverse		4 forward, 1 reverse	
Transmission type		Selective synchro-mesh		Conventional	
Gears type		Helical		Spur	
Synchronous meshing gears		Second and third			
Transmission location		In unit with engine			
Shift type		Standard H type, see diagram		H type, see diagram	
Input torque capacity		200 foot pounds			
Gear ratios		First	2.94:1		7.06:1
		Second	1.68:1		3.48:1
		Third	Direct		1.71:1
		Fourth			Direct
		Reverse	2.94:1		6.98:1
Bearings and bushings	Reverse idler bushing	Number	2		
		Material	Rolled bronze		Steel-backed bronze
		Size	.7515-.7525 I.D. x 3/4		.8772-.8782 I.D. x 1-1/2
Main shaft bearings	Front	Part number	Chevrolet 590752		Hyatt 141854
		Type	Roller		
		Inside diameter	(none - 14 rollers)		.8735-.8740
		Outside diameter	.1873-.1875		1.250-1.251
		Width	.512-.527		1-1/2 (operating space)
		Part number	N.D. 954168		N.D. 954390
	Rear	Type	Ball		
		Inside diameter	.9839-.9843		1.3775-1.3780
		Outside diameter	2.4404-2.4409		3.1491-3.1495
		Width	.6643-.6693		.8218-.8268
		Part number	Chevrolet 591211		Hyatt 142260
		Type	Roller		
Counter-shaft bearings	Front	Inside diameter	(none - 25 rollers)		1.4998-1.5002
		Outside diameter	.1248-.1250		2.4409-2.4415
		Width	.735-.750		.6249-.6299
	Rear	Part number	Chevrolet 591211		Hyatt 121856
		Type	Roller		
		Inside diameter	(none - 25 rollers)		1.7326-1.7330
Clutch gear bearing	Outside diameter	.1248-.1250		2.8346-2.8352	
	Width	.735-.750		.6643-.6693	
	Part number	N.D. 954388		N.D. 954373	
Second speed gear turns on main shaft	Type	Ball			
	Inside diameter	1.3775-1.3780		1.7712-1.7717	
	Outside diameter	2.8341-2.8346		3.3459-3.3465	
	Width	.6643-.6693		.7430-.7480	
Material	Steel, hardened				
	Size	1.062-1.063 I.D. x 1.886-1.888			
Power take-off	Type	6-bolt (SAE standard)			
	Location	On left side			
	Drive gear	Number of teeth	33		
	Speed at 1000 engine RPM	425 RPM			
Lubricant capacity	1-1/2 pts.		5-1/2 pts.		

### STEERING GEAR



ITEM	MODELS		
	3000-4100-4400	4502-5000-6000	
Type	Semi-reversible		
Ratio	26.24:1	27.76:1	
Gear housing mounted	On frame side member		
Worm Bearing	2 Hyatt 179291 barrel roller (Assy. 11 rollers .273 x .310)	2 Hyatt 270266 barrel roller (Assy. 12 rollers .290 x .330)	
Roller sector bearing	60 recirculating ball bearings 9/32 diameter (Saginaw 266800)	100 recirculating ball bearings 9/32 diameter (Saginaw 266800)	
Pitman shaft bushings	Material - Cast Bronze		
	Outer	Inside dia. 1.1245-1.1250	1.2495-1.2500
		Length 1-3/8	1-1/8
	Inner	1.1255-1.1260	
Length 27/32			
Pitman shaft diameter	1-1/8	1-1/4	
Pitman shaft location	Below worm		
Pitman arm type	One piece drop forged steel		
Main shaft diameter	3/4	13/16	
Column outside diameter	1-3/4		
Steering column bearing	1/8 diameter steel ball (23 used) part 147481		
Horn cable and contact	Cable lead is attached to contact ring which is imbedded in rubber inside of upper end of steering column		
Steering wheel	Type 3 Spoke		
	Material Hard rubber vulcanized to steel insert		
	Diameter 18		

### TURNING DIAMETERS

	MODELS	WHEELBASE	A (feet)		B (feet)	
			RIGHT	LEFT	RIGHT	LEFT
			3100	116	41*	
3600	125-1/4	49*				
3800	137	47.44	50.26			
4100		53*				
4400	161	61*				
4500		56*				
5100	110	41*				
5400	154	48*				
5700	158	55*				
6100	137	49*				
6400	161	55.71	56.98			
6700	199	66*				

\* - Calculated figures.

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**TIRE EQUIPMENT AND GROSS VEHICLE WEIGHT**

TIRE SIZE AND PLY RATING	BASE EQUIP. OR RPO	MODELS	GROSS VEHICLE WEIGHT	TIRE AND RIM ASSOCIATION STANDARDS														
				REAR	LOADED RADIUS ROLLED	LOADED REV. PER MILE	MAXIMUM RECOMMENDED		TUBE	VALVE	FLAP							
							CAPA-CITY	PRESS. IN LB.										
6.00-16-6	Base	3100	4200	S I N G L E	13.6	743	1065	36	6.00	15	None used							
6.50-16-6	282		4500		13.8	737	1215	36	6.50									
15-6	273		4600*		D U A L	14.1	715	1500	40	7.00	150SB90°	15L						
15-8	280							1670	48									
15-6	Base	1500						40										
15-8	280	1670						48										
7.00-17-6	277	3600	5200			S I N G L E	15.4	655	1575	45	7.00W	76SB	17M					
7.00-17-8	278		5400						1775	55								
7.50-17-8	272		5800*				5200	15.8	637	2100	60			7.50W				
7.00-17-6	Base									5700	1575			45	7.00W			
7.00-17-8	278	3800	6100	S I N G L E			15.4	655	1775	55	7.00W			76SB	18M			
7.00-17-8	278		6700						2100	60						7.50W		
7.50-17-8	272		6700		2100		60	7.50W										
7.00-18-8	295	3802-03-08-09 -12-22-32	8800*		D U A L		16.0	630	1850	55	7.00W					76-90°E-12	20K	
6.50-20-6	Base	4103-08-09 4403-08-09-18 -19-29; 4502	9500 (10500 on 4502)						16.4	613								1700
	289	4102-12-22-32 4402-12-22-32	4502)				1950	65										
	6.50-20-8	286	4000															
7.00-20-8	Base	4102-12-22-32 4402-12-22-32	7500			S I N G L E	16.9	596	2000	55	7.00W	76SB90°	20M					
	300E	4402-12-22-32	11000 (12000* on 4502)															2250
300	4000	D U A L							17.7	571								
7.00-20-10	296		4102-12-22-32 4402-12-22-32	9500										2700	75			
	304		4100-4400	12500*					2375	60								
7.50-20-10	305		5000-5000S 6000	13000 (13500 on 6702)										17.7	571			2700
7.50-20-8	Base				6100S-6400S				15000*	2700						75		
7.50-20-10	305		5000S-6100S 6400S-6702	15000*	18.2				553					2900	65		8.25W	77SB90°
8.25-20-10	343		5000-6100-6400	16000*						3150				75				
8.25-20-12	344		5000S-6100S 6400S-6702	15000*	16000*													
			5000-6100-6400	16000*														

⊖ - Base equipment (regular) is the vehicle with specified basic tires of same size and ply on front and rear wheels.

All tires shown for each series are available in any front and rear combination provided tires of a larger size or ply rating are not used on the front, and provided front, rear and spare wheels remain interchangeable.

\* - The Maximum Gross Vehicle Weight Rating as warranted by the chassis manufacturer shall include the truck chassis with lubricants, water and full tank or tanks of fuel, plus the weight of the cab or driver's compartment, body, special chassis and body equipment and payload.


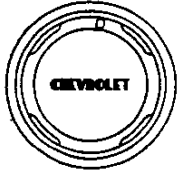
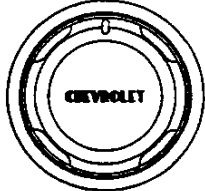
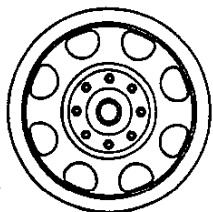
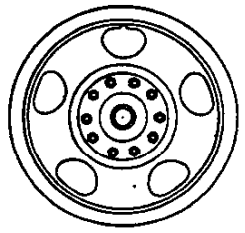
A plate is supplied with each vehicle which shows the chassis number and maximum Gross Vehicle Weight (GVW). These GVW ratings are reduced when rear tires of lesser capacity are used.

⊖ - RPO 380 is a special plate which indicates 12500 GVW on 4100 and 4400 series. This GVW can only be obtained by the use of the following regular production options: 267-auxiliary springs, 212-hydraulic brake booster, 233-heavy duty frame (on 4100 only), 7.00-20-8 front tires (standard or RPO 300), 304-7.50-20-8 dual rear tires, and 230 high sill platform (on all platform or stake models). Without all of the above equipment no increase over 11000 GVW is allowed.

⊖ - Mud and Snow Tread.

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**WHEELS**

RIM SIZE	OFFSET	ATTACHMENT TO HUB	BOLT CIRCLE DIAMETER	TIRE SIZE	THICKNESS AT HUB	MODELS	REGULAR EQUIPMENT OR RPO	APPEARANCE
16x4.00E	9/16	Six 7/16-20 bolts	5-1/2	6.00-16	.125-.137	3100	Regular	
16x4.50E				6.50-16			RPO	
15x5.50F-SD	0				.137-.153		RPO	
	1/8			15	.130-.140	Regular	3600	
17x5.0	7/16	Eight 1/2-20 bolts	6-1/2	7.00-17	.147-.165	3800	RPO	
				7.50-17			Regular	
				7.00-17			RPO	
				7.50-17				
18x5.0	4-1/2			7.00-18	.281-.310	3802 3803 3808 3809 3812 3822 3832	RPO	
20x5.0	4-3/4	Five front and ten rear 5/8-18 bolts	7-1/4	6.50-20 7.00-20	.295-.318	4000	Regular and RPO	
20x5.00S	4-7/8			7.00-20 7.50-20		4100 4400	RPO	
20x6.0	5-3/8			7.50-20		5000	Regular	
				8.25-20		6000	RPO	

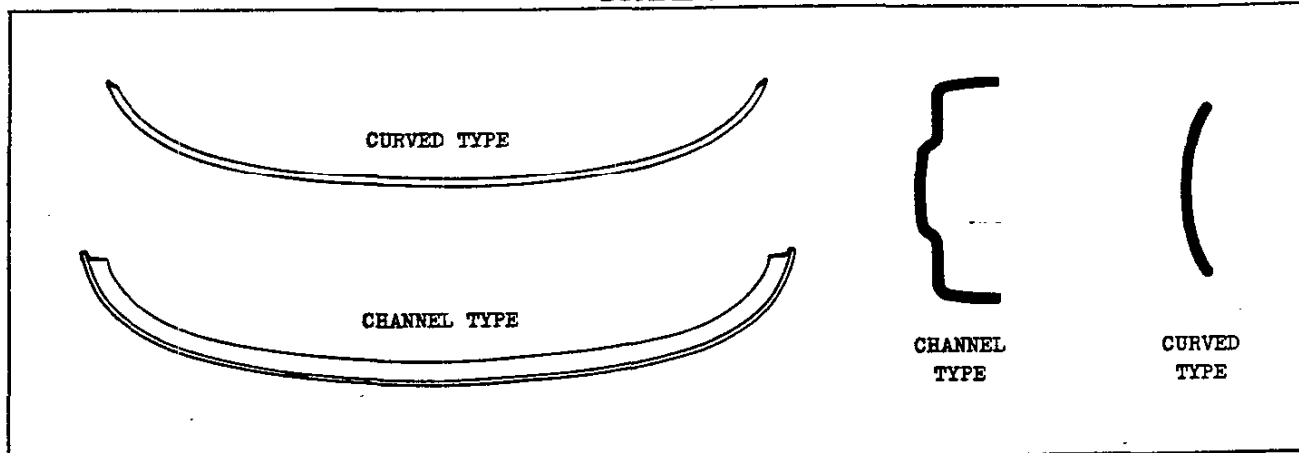
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**CHEVROLET 1947 SPECIFICATIONS—TRUCKS**

**WHEELS-101**



### BUMPERS



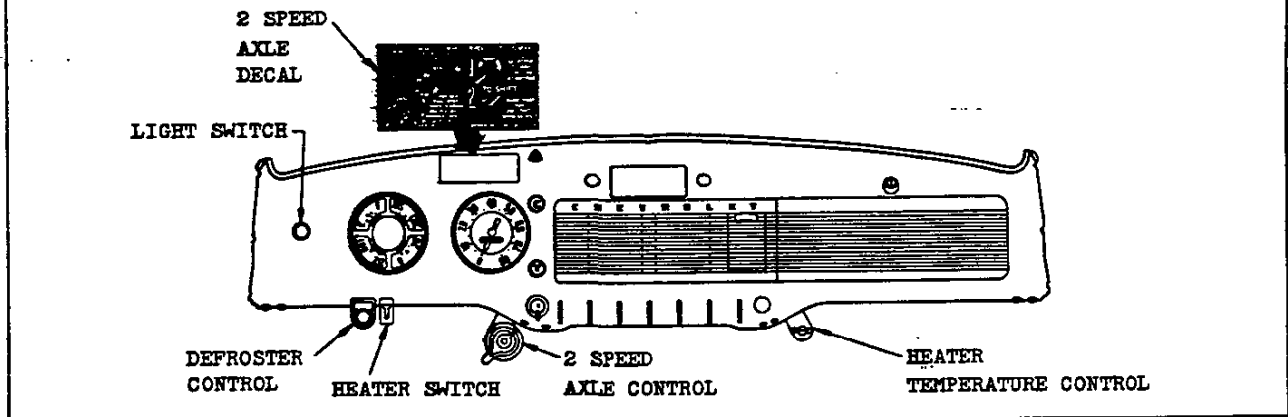
ITEM	CURVED TYPE					CHANNEL TYPE
	3683350		3684823	3683347		
Part number	3683350		3684823	3683347		3684096
Location	Front	Rear	Rear	Front	Rear	Front
Models	All 3100-3600	3102-03-05-06 -07-12-16 3602-03-12	3104 3604	All 3800	3805-07	All 4000-5000 6000
Overall width	69-7/8		70	69-7/8		73-23/32
Overall height	5-7/32					6-31/32
Gauge	.140			.238		.2391
Material	Spring steel					H. R. steel
Decorative finish	Chrome plated					Painted

### LIGHTS AND HORN

ITEM		ALL SERIES	
Head-lamps	Type and location	Sealed beam (in fender)	
	Sealed beam unit diameter	7.032 maximum, lens diameter 6-11/16	
	Bulb	Type	2 filament
		Watts	45, upper beam; 35, lower beam (Guide)
	Dimmed by	Depressed beam, controlled by foot switch	
Beam indicator	Size and candle power	#51, 1	
	Number used	1	
Parking lamps	Location	At sides of radiator grille between first two bars	
	Bulb size and candle power	#63, 3	
Tail and stop lamp	Number and type used	1 on left side, combination type (2 extra for State of Washington RPO 249 on 3105-07-16 and 3805-07, combination type)	
	Number of bulbs	2 (1 on 3105, 3805) - (2-1154, 21-3 for Washington)	
	Bulb size and candle power	#63, 3 (#1154, 21-3 on 3105, 3805)	
	Stop lamp switch	Mechanical, on toe board	
Rear license bulb size and candle power		See "Tail and stop lamp"	
Instrument cluster	Number of bulbs	4	
	Size and candle power	#55, 2	
Ignition lock lamp	Bulb size and candle power	#55, 2	
	Used with	All except cowl models	
Dome lamp	Bulb size and candle power	#87, 15	
	Switch location	On dome lamp	
	Type, amperage & number used	SFE cartridge, glass enclosed, 20 Amp. - 5 and 1 spare	
Fuse	Location	In fuse block assembly, on front of dash	
	Make and type	Delco-Remy, vibrator	
Horn	Number used	1	
	Ampere draw	10	
	Location	Left side of engine on intake manifold	

### INSTRUMENTS

MAKE: AC Spark Plug. TYPE: Fuel gauge and battery charge indicator are the electric type; heat indicator and oil gauge are the pressure type. The speedometer is driven by a flexible shaft.



### SPEEDOMETER GEARS

ITEM		MODELS							
		3100 - 3600			3800	4000		5000 - 6000	
		With regular equipment	With RPO 318 four speed transmission		With regular equipment	With RPO 204 5.43:1 ratio rear axle	With regular equipment	With regular equipment	With RPO 202 two speed rear axle*
		3600	3100	3600					
Pitch	Drive	30.000	18.629		22				
	Driven	22.403							
Teeth	Drive	4							
	Driven	19	12	13		15	14	14 or 13**	

\* - Speedometer adapter mounted at back of speedometer and controlled by two speed axle shift lever has ratios of 1:1 and 1:750, used in combination with regular speedometer gears.

\*\* - 13 with 8.25-20 tires.

### SPEEDOMETER GEAR ADAPTERS

The following speedometer gear adapters are available thru service for correction of speedometer and odometer error that occurs in some cases where combinations of tires, transmissions and rear axles other than standard are specified. For correctional data see speedometer gear chart.

Service Package Number	1565812	1565813	1565814
Gear Ratio	17:16	17:15	16:17

### TOOLS

ITEM		MODELS			
		3100	3600	3800	4000-5000-6000
Jack	Capacity (lbs)	2500			7000
	Raised height	15-1/8			18-1/8
	Lowered height	6-1/2			9
Tire changing iron		With RPO 273		All	
Lock for spare tire		3102-03-04 -07-12-22-32	3602-03-04-08 -09-12-22-32	On 3807 only	Used with RPO 215 Back-of-Cab Wheel Carrier.
Other tools		Wrenches-spark plug, wheel, open end (3), tire lock (3107-3807 only). Pliers-combination 6" Screw driver-round shank-5-1/4" Hammer-ball peen-10 ounce Jack handle-use tire changing iron for all 4000-5000-6000			
Tool bag		All models. Cotton duck material.			

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