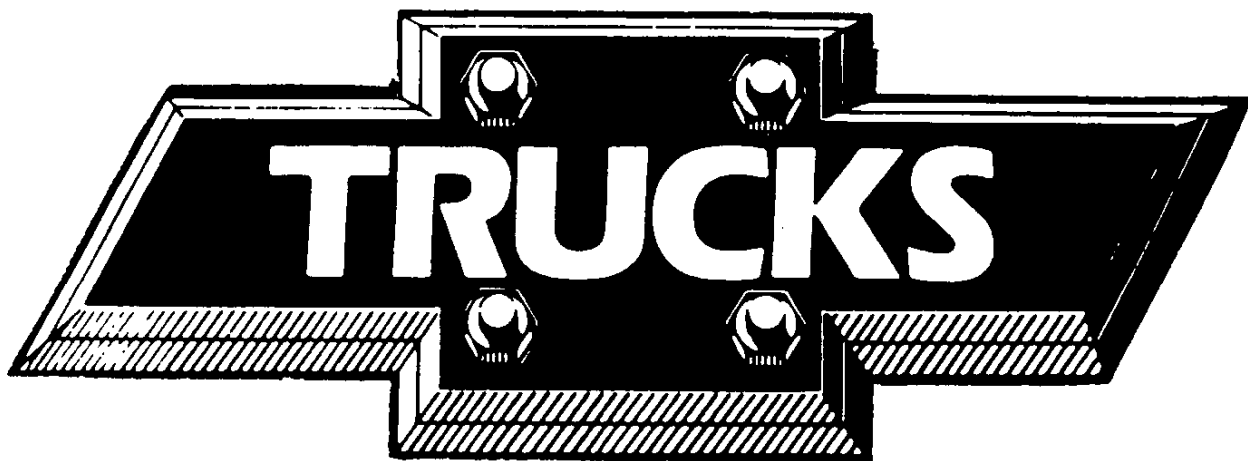


CHEVROLET



1941



1
2
3



CHEVROLET
1941
SPECIFICATIONS

ISSUED TO

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

Lithographed in U. S. A.

INTRODUCTION

BASIS OF SPECIFICATIONS

This book has been prepared from the Engineering Department's conception of your specification needs as based on the type of questions concerning Chevrolet products which have been asked by you and others in the Chevrolet organization. If the information is not clear, or if you wish additional information, please write to the Engineering Department Data Group, 3-114 G.M. Bldg., Detroit. Your suggestions will be considered carefully.

SPECIFICATIONS INCLUDED

Because it would be impractical to include in the following pages the specifications of all Chevrolet products, the specifications have been limited to those concerning the left drive passenger cars, commercial cars and trucks manufactured for the domestic (U.S.) market and the equipment released under regular production options for use with these vehicles.

In other words, no information is furnished concerning right drive vehicles or cars, trucks and equipment manufactured for export, or anything built on Central Office production orders. Except where noted all data are for vehicles with regular equipment. Regular production options are labeled RPO.

ABBREVIATIONS

The condensed tabular form in which the data are presented necessitates that, in some cases, abbreviations or symbols be used. For the most part the abbreviations are standard forms in common usage. A complete list of these is provided on the last page of this book.

It was necessary to coin others which also are shown on the last page. Symbols coined for the various lines of vehicles are reproduced here. They are derived from the first letters of the model names or descriptive names shown in parentheses after the various wheelbase lengths.

SYMBOLS FOR MODELS

PASSENGER CARS PC
Special Deluxe SD
Master Deluxe MD

SYMBOLS FOR MODELS (continued)

COMMERCIAL CARS (on passenger car chassis) .. CC
Special Deluxe Commercial SDC
Master Deluxe Commercial MDC

* * * * *

LIGHT COMMERCIAL TRUCKS LCT
Light Delivery, or 1/2 Ton ... LD, Lt. Del. or 1/2 T
3/4 Ton 3/4 T
3/4 Ton Special (Long and Short) 3/4 TS
125-1/4" WB-RPO (3/4 Ton Special, Short) .. 3/4 TSS
134-1/2" WB Panel (3/4 Ton Special, Long) .. 3/4 TSL

* * * * *

CONVENTIONAL HEAVY DUTY TRUCKS CHD
One Ton 134-1/2" WB - RPO OT
1-1/2 Ton 134-1/2" WB - (Short Conventional). SC
1-1/2 Ton 160" WB - (Long Conventional) LC

* * * * *

SCHOOL BUS CHASSIS (195-1/8" WB) SBo

* * * * *

CAB-OVER-ENGINE TRUCKS COE
109-1/8" WB (Short COE) SCOE
132-5/8" WB (Medium COE) MCOE
158-1/8" WB (Long COE) LCOE

FINDING INFORMATION

As you will notice, every effort has been made to facilitate finding of information. The table of contents on the next page lists the subjects in the order in which they occur. And, again, the subject headings are reprinted at the lower right corner of each page beside the page number. The index at the rear of the book deals with the details covered by the general subject headings.

REVISIONS ■

The procedure of making revisions in this book is as follows. 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: ●, ■, ◆, ▼, ★, =. They may be used singly, in multiples, or in combinations.

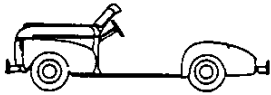



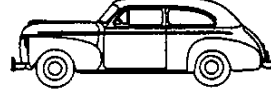
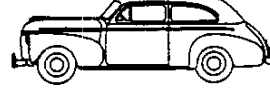




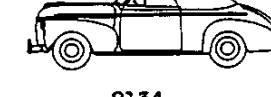
8-12-40. 1-22-41: ● - RPO 160" WB School Bus (SSB) specifications removed from this book. This vehicle now available only on GOPO. Symbol SB takes place of symbol LSB. ■ - "REVISIONS" added.

CONTENTS

TITLE PAGE	1	FRAMES	29
INTRODUCTION	2	SUSPENSION	31-36
CONTENTS	3	Knee Action Front Suspension-SD & MD	31
BASIC MODELS	4	Front Axle and Front Wheel Alignment	32
VEHICLE TYPES	4-9	Front Springs	33
Passenger Cars	4	Front Spring Mountings	34
Commercial Cars on Passenger Chassis	5	Rear Springs	35
Light Commercial 1/2 Ton Trucks	5	Rear Spring Mountings	36
Light Commercial 3/4 Ton & 3/4 Ton Spec. Trucks ..	6	Shock Absorbers and Ride Stabilizer	36
Conventional Heavy Duty Trucks (134-1/2" WB) ...	7	REAR DRIVE SYSTEM	37-39
Conventional Heavy Duty Trucks (160" WB)	8	Rear Axle	37
School Bus Chassis	8	RPO Two-speed Rear Axle	38
Cab-Over-Engine Trucks (109-1/8" WB)	9	Speedometer Gears	38
Cab-Over-Engine Trucks (132-5/8" WB)	9	Universal Joints and Propeller Shafts	39
Cab-Over-Engine Trucks (158-1/8" WB)	9	BRAKES	40
UNIT SERIAL NUMBERS	10	ENGINE	41-56
VEHICLE WEIGHTS	11-14	Engine General Data	41
Vehicle Weight Conditions	11	Engine Performance	42-44
Passenger Car Weights	11	Engine RPM and Piston Speed	45-49
Commercial Car Weights	11	Pistons and Connecting Rods	50
Light Commercial Truck Weights	12	Crankshaft and Camshaft	51
School Bus Chassis Weights	12	Valves and Cylinder Head	52
Conventional Heavy Duty Truck Weights	13	Lubrication System and Cooling System	53
Cab-Over-Engine Truck Weights	13	Fuel System and Exhaust System	54
Truck Gross Allowable Weights	14	Engine Electrical System	55-56
Truck Equipment Weights	14	Power Plant Mountings	56
PASSENGER CAR EXTERIOR DIMENSIONS	15	CLUTCH	57
PASSENGER CAR BODY DIMENSIONS	16-17	TRANSMISSION	58
TRUCK BODY DIMENSIONS	18-25	STEERING	59
Commercial Car and Truck Seat Dimensions	18	WHEELS AND TIRES	60-61
Truck Cab Exterior Dimensions	18	Wheels & Tires and Wheels Available	60
Station Wagon Body Dimensions	19	Tire Combinations (Heavy Duty Trucks)	61
Carryall Suburban Body Dimensions	19	Tire Combinations (RPO Two-speed Rear Axle) ...	61
Panel Truck Body Dimensions	20-21	BATTERY AND LIGHTS	62
Canopy Express Truck Body Dimensions	21	INSTRUMENTS AND TOOLS	63
Pickup Truck Body Dimensions	22	SPLINES	64-65
Stake Truck Body Dimensions	23-25	BEARINGS	66
TRUCK AND SCHOOL BUS CHASSIS DIMENSIONS	26-27	INDEX	67-68
CONVENTIONAL TRUCK COWL DIMENSIONS	27	ABBREVIATIONS	69
TRUCK & SCHOOL BUS TREAD & OVERALL WIDTHS	28		


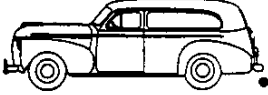

8-12-40

BASIC MODELS					
VEHICLE TYPE	MODEL NAME	NOMINAL RATING	WHEELBASE	SERIAL LETTERS	SERIAL NUMBERS
Passenger cars & commercial cars on PC chassis.	Special Deluxe	None	116"	AH	2000
	Master Deluxe			AG	1500
Light commercial trucks	Light Delivery	1/2 Ton	115"	AK	3000
	3/4 Ton	3/4 Ton	125-1/4"	AL	
	3/4 TSS (RPO)			AM	
	3/4 TSL Panel			AN	
One ton truck	One Ton (RPO)	1 Ton	134-1/2"	YR	4000
Conventional heavy duty trucks	Conventional	1-1/2 Ton	160"	YS	
	Heavy Duty				
School bus chassis	School Buse	None	195-1/8"	YT	5000
Cab-over-engine heavy duty trucks	Cab-Over-Engine	1-1/2 Ton	109-1/8"	YU	
			132-5/8"	YV	
			158-1/8"	YW	



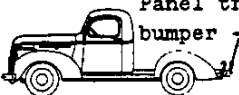
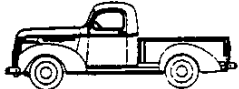



VEHICLE TYPES—PASSENGER CARS—116' WHEELBASE		
DESCRIPTION	VEHICLE TYPES (with engineering symbols)	
	SPECIAL DELUXE	MASTER DELUXE
CHASSIS WITH COWL AND WINDSHIELD For mounting bodies other than Chevrolet. Mfg. symbol - PCH	 2101	 1501
SPORT SEDAN 5 passenger, 4 door sedan with trunk. Mfg. symbol - CSED	 2103	 1503
TOWN SEDAN 5 passenger, 2 door sedan with trunk. Mfg. symbol - TSED	 2102	 1502
COUPE 4 (5 PASSENGER COUPE or SPORT COUPE) 5 passenger, 5 window coupe with rear seat in passenger compartment and luggage compartment in rear deck. Mfg. symbol - CPE4	 2124	 1524
COUPE 2 (BUSINESS COUPE) 2 passenger, 5 window coupe with luggage compartments in the passenger compartment and in the rear deck. Mfg. symbol - CPE2	 2104	 1504
CABRIOLET (CONVERTIBLE COUPE) 5 passenger, folding top coupe with rear seat in passenger compartment and luggage compartment in rear deck. Mfg. symbol - CBL	 2134	Not furnished

8-12-40. 1-22-41: • - 160" WB School Bus removed.

VEHICLE TYPES—COMMERCIAL CARS (ON PASSENGER CAR CHASSIS)—116' WHEELBASE

DESCRIPTION	VEHICLE TYPES (with engineering symbols)	
	SPECIAL DELUXE	MASTER DELUXE
<p>COUPE 2 WITH PICKUP BOX (COUPE PICKUP) 2 passenger, 5 window coupe with luggage space behind seat in car and pickup box in rear deck. Mfg. symbol - CPEB</p>	<p>Not furnished</p>	 1514
<p>SEDAN DELIVERY 2 passenger, 3 door panel delivery. Mfg. symbol - SDL</p>	<p>Not furnished</p>	 1508
<p>STATION WAGON 8 passenger, 4 door wood body with rear drop and lift gates. Mfg. symbol - STWG</p>	 2109	<p>Not furnished</p>

VEHICLE TYPES—LIGHT COMMERCIAL 1/2-TON TRUCKS—115' WHEELBASE

<p>CHASSIS WITH FLAT FACE COWL</p>  <p>For mounting bodies other than Chevrolet. Mfg. symbols - 3102, CCH</p>	<p>STRIPPED CHASSIS WITH FLAT FACE COWL</p> <p>Less sheet metal, running boards, fenders, bumpers, and spare tire.</p> <p>For mounting bodies other than Chevrolet. Mfg. symbols - 3122, CCHS</p>	<p>CHASSIS WITH COWL AND WINDSHIELD</p>  <p>For mounting bodies other than Chevrolet. Mfg. symbols - 3112, CCHW</p>
<p>STRIPPED CHASSIS WITH COWL AND WINDSHIELD</p> <p>Less sheet metal, running boards, fenders, bumpers, and spare tire.</p> <p>For mounting bodies other than Chevrolet. Mfg. symbols - 3132, CCHWS</p>	<p>CHASSIS WITH CAB</p>  <p>Panel truck type bumper - RPO</p> <p>For mounting Chevrolet and other bodies. Mfg. symbols - 3103, CCAB</p>	<p>PICKUP TRUCK</p>  <p>Chassis, cab and pickup box. Mfg. symbols - 3104, CCBX</p>
<p>PANEL TRUCK</p>  <p>Panel body with 2 rear doors. Mfg. symbols - 3105, CPAN</p>	<p>CANOPY EXPRESS TRUCK</p>  <p>Side screens are RPO equipment.</p> <p>Open side body with steel canopy roof and tail gate. Mfg. symbols - 3107, CCAN</p>	<p>CLOSED (CARRYALL) SUBURBAN</p>  <p>8 passenger closed body. Mfg. symbols: 3116 CSUBG (with tail gate and upper door); 3106, CSUBD (with panel rear doors).</p>

8-12-40. 1-22-41: ● - Rear bumper guards removed. ● - Rear bumper guards added.

VEHICLE TYPES—LIGHT COMMERCIAL 3/4-TON TRUCKS—125 1/4' WHEELBASE

NOTE: A combination of RPO equipment consisting of heavier rear springs and tires, larger rear brakes and stronger wheels is available for the vehicle types listed below. When this equipment is used, the model is referred to as the 3/4 Ton with heavy duty equipment, with the symbol 3/4 TSS in this book.

CHASSIS WITH FLAT FACE COWL



For mounting bodies other than Chevrolet.

Mfg. symbols - 3602, CLCH

STRIPPED CHASSIS WITH FLAT FACE COWL

Less sheet metal, running boards, fenders, bumpers, and spare tire.

For mounting bodies other than Chevrolet.

Mfg. symbols - 3622, CLCHS

CHASSIS WITH COWL AND WINDSHIELD



For mounting bodies other than Chevrolet.

Mfg. symbols - 3612, CLCHW

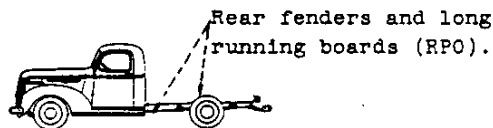
STRIPPED CHASSIS WITH COWL AND WINDSHIELD

Less sheet metal, running boards, fenders, bumpers, and spare tire.

For mounting bodies other than Chevrolet.

Mfg. symbols - 3632, CLCWS

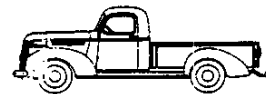
CHASSIS WITH CAB



For mounting bodies other than Chevrolet.

Mfg. symbols - 3603, CLCAB

PICKUP TRUCK



Chassis, cab, and pickup box.

Mfg. symbols - 3604, CLEX

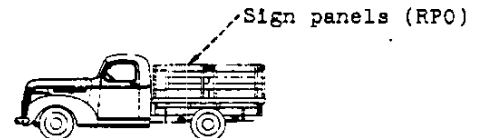
PANEL TRUCK



Panel body with 2 rear doors.

Mfg. symbols - 3605, CLPAN

STAKE TRUCK



Chassis, cab, platform, and stakes. (Also available without stake equipment.)

Mfg. symbols
3609, CLSTK (with platform and stakes)
3608, CLPL (with platform)

VEHICLE TYPES—LIGHT COMMERCIAL 3/4-TON SPECIAL PANEL—134 1/2' WHEELBASE

PANEL TRUCK



Panel body with 2 rear doors.






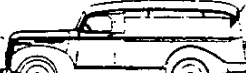

Mfg. symbols - 3805, CTPAN

This model is a combination of the 1-1/2 Ton panel truck and the 3/4 Ton Special 125-1/4 W.B. chassis. The major 1-1/2 Ton units are the radiator, steering gear, frame, 4-speed transmission, universal joints and propeller shafts, gasoline tank, fenders, running boards and panel body. Other chassis units are the same as the 3/4 TSS except where length is added to take care of the increased wheelbase. Available RPO are the same as for the 3/4 TSS panel (except 4-speed transmission) and in addition 7.00-17-8 ply tires and the 1-1/2 Ton panel auxiliary seat.

8-12-40

VEHICLE TYPES—CONVENTIONAL HEAVY DUTY 1½-TON TRUCKS 134½" WHEELBASE

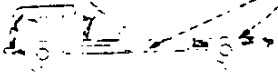
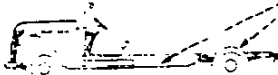

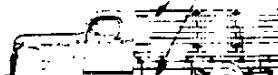

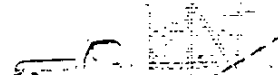
SINGLE REAR WHEELS ARE BASE EQUIPMENT FOR THE FOLLOWING TRUCKS. DUAL REAR WHEELS ARE RPO EQUIPMENT.
NOTE: RPO equipment consisting of lighter rear springs and 6.00-20, 6 ply tires is available for the vehicle types listed below. When this equipment is used, nominal rating becomes One Ton.

<p>CHASSIS WITH FLAT FACE COWL</p>  <p style="text-align: right;">Rear fenders and long running boards (RPO).</p> <p>For mounting bodies other than Chevrolet.</p> <p>Mfg. symbols - 4102, UCH</p>	<p>STRIPPED CHASSIS WITH FLAT FACE COWL</p> <p>Less sheet metal, running boards, fenders, and front bumper.</p> <p>For mounting bodies other than Chevrolet.</p> <p>Mfg. symbols - 4122, UCHS</p>
<p>CHASSIS WITH COWL AND WINDSHIELD</p>  <p style="text-align: right;">Rear fenders and long running boards (RPO).</p> <p>For mounting bodies other than Chevrolet.</p> <p>Mfg. symbols - 4112, UCHW</p>	<p>STRIPPED CHASSIS WITH COWL AND WINDSHIELD</p> <p>Less sheet metal, running boards, fenders, and front bumper.</p> <p>For mounting bodies other than Chevrolet.</p> <p>Mfg. symbols - 4132, UCHWS</p>
<p>CHASSIS WITH CAB</p>  <p style="text-align: right;">Rear fenders and long running boards (RPO).</p> <p>For mounting bodies other than Chevrolet.</p> <p>Mfg. symbols - 4103, UCAB</p>	<p>OPEN EXPRESS (PICKUP) TRUCK</p>  <p>Chassis, cab, and pickup box.</p> <p>Mfg. symbols - 4104, UEXP</p>
<p>PANEL TRUCK</p>  <p style="text-align: right;">Rear bumper (RPO).</p> <p>Panel body with 2 rear doors.</p> <p>Mfg. symbols - 4105, UPAN</p>	<p>CANOPY EXPRESS TRUCK</p>  <p style="text-align: right;">Side screens are RPO equipment.</p> <p>Open side body with steel canopy roof & tail gate.</p> <p>Mfg. symbols - 4107, UCAN</p>
<p>STAKE TRUCK</p>  <p style="text-align: right;">Sign panels (RPO)•</p> <p>Chassis, cab, platform, and stakes. (Also available without stake equipment.)</p> <p>Mfg. symbols: 4109, USTK (with platform and stakes) 4108, UCPL (with platform)</p>	

8-12-40. 4-7-41: • - Steel floor removed as RPO. Now COPO.

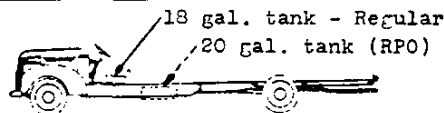
VEHICLE TYPES—CONVENTIONAL HEAVY DUTY 1½-TON TRUCKS 160" WHEELBASE

SINGLE REAR WHEELS ARE BASE EQUIPMENT FOR THE FOLLOWING TRUCKS. DUAL REAR WHEELS ARE RPO EQUIPMENT.

<p>CHASSIS WITH FLAT FACE COWL</p>  <p>Long running boards and rear fenders for dual wheels (RPO)</p> <p>For mounting bodies other than Chevrolet.</p> <p>Mfg. symbols - 4402, ULCH</p>	<p>STRIPPED CHASSIS WITH FLAT FACE COWL</p> <p>Less sheet metal, running boards, fenders, and front bumper.</p> <p>For mounting bodies other than Chevrolet.</p> <p>Mfg. symbols - 4422, ULCHS</p>
<p>CHASSIS WITH COWL & WINDSHIELD</p>  <p>Long running boards and rear fenders for dual wheels (RPO)</p> <p>For mounting bodies other than Chevrolet.</p> <p>Mfg. symbols - 4412, ULCHW</p>	<p>STRIPPED CHASSIS WITH COWL & WINDSHIELD</p> <p>Less sheet metal, running boards, fenders, and front bumper.</p> <p>For mounting bodies other than Chevrolet.</p> <p>Mfg. symbols - 4432, ULCWS</p>
<p>CHASSIS WITH CAB</p>  <p>Long running boards and rear fenders for dual wheels (RPO)</p> <p>For mounting bodies other than Chevrolet</p> <p>Mfg. symbols - 4403, ULCAB</p>	<p>STAKE TRUCK</p>  <p>Sign panel and body side skirts (RPO)•</p> <p>Chassis, cab, platform and stakes. (Also available without stake equipment) Mfg. symbols: 4409, ULSTK (with platform and stakes); 4408, ULCP (with platform)</p>
<p>STAKE EXPRESS TRUCK</p>  <p>Sign panels and body side skirts (RPO)</p> <p>Chassis, cab, express platform, stakes and tail gate. (Also available without stakes and tail gate). Mfg. symbols: 4429, ULXST (with platform, stakes and tail gate); 4418, ULXP (with platform).</p>	<p>STOCK (HIGH) RACK TRUCK</p>  <p>Side skirts (RPO)•</p> <p>Chassis, cab, platform and high stakes.</p> <p>Mfg. symbols - 4419, ULSTO</p>

•SCHOOL BUS CHASSIS

195-1/8" WHEELBASE



Required equipment consists of governor (set not to exceed 35 MPH), progressive type rear springs, 6.17:1 rear axle. Minimum size tires, front and dual rear are 6.50-20 (32 x 6)-8 ply.

Mfg. symbols - 4702, SBCH

3-12-40. 1-22-41: Revisions. 4-7-41: • - Steel floor removed as RPO. Now COPO.

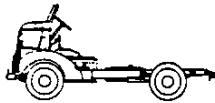
CHEVROLET 1941 SPECIFICATIONS

VEHICLE TYPES—8

VEHICLE TYPES—CAB-OVER-ENGINE 1½-TON TRUCKS—109½' WHEELBASE

SINGLE REAR WHEELS ARE BASE EQUIPMENT FOR THE FOLLOWING TRUCKS. DUAL REAR WHEELS ARE RPO EQUIPMENT.

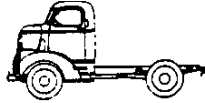
CHASSIS WITH COWL AND WINDSHIELD



For mounting bodies other than Chevrolet.

Mfg. symbols - 5112, FCHW

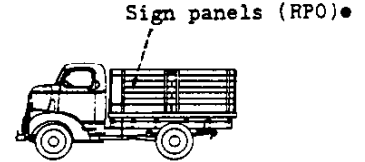
CHASSIS WITH CAB



For mounting bodies other than Chevrolet.

Mfg. symbols - 5103, FCAB

STAKE TRUCK



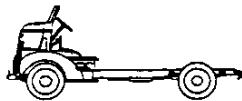
Chassis, cab, platform and stakes (Available without stake equip.)

Mfg. symbols:
5109, FSTK (platform and stakes)
5108, FCPL (platform)

VEHICLE TYPES—CAB-OVER-ENGINE 1½-TON TRUCKS—132½' WHEELBASE

SINGLE REAR WHEELS ARE BASE EQUIPMENT FOR THE FOLLOWING TRUCKS. DUAL REAR WHEELS ARE RPO EQUIPMENT.

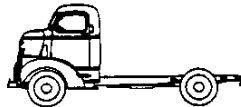
CHASSIS WITH COWL AND WINDSHIELD



For mounting bodies other than Chevrolet.

Mfg. symbols - 5412, FLCBW

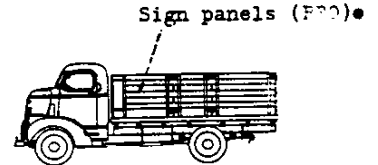
CHASSIS WITH CAB



For mounting bodies other than Chevrolet.

Mfg. symbols - 5403, FLCAB

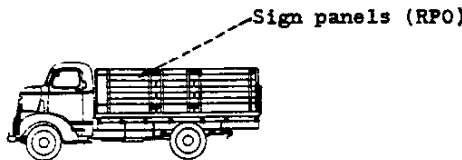
STAKE TRUCK



Chassis, cab, platform and stakes. (Available without stake equip.)

Mfg. symbols:
5409, FLST (platform and stakes)
5408, FLCPL (with platform)

STAKE EXPRESS TRUCK



Chassis, cab, platform, stakes and tail gate. (Also available without stake equipment).

Mfg. symbols: 5429, FLXST (with platform and stakes);
5418, FLXPL (with platform)

STOCK (HIGH) RACK TRUCK



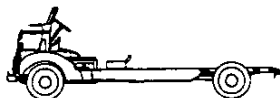
Chassis, cab, platform and high stakes.

Mfg. symbols - 5419, FLSTO

VEHICLE TYPES—CAB-OVER-ENGINE 1½-TON TRUCKS—158½' WHEELBASE

SINGLE REAR WHEELS ARE BASE EQUIPMENT FOR THE FOLLOWING TRUCKS. DUAL REAR WHEELS ARE RPO EQUIPMENT.

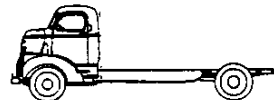
CHASSIS WITH COWL AND WINDSHIELD



For mounting bodies other than Chevrolet.

Mfg. symbols - 5712, FVCHW

CHASSIS WITH CAB



For mounting bodies other than Chevrolet.

Mfg. symbols - 5703, FVCAB

8-12-40. 4-7-41: e - Steel floor removed as RPO. Now COPO.

UNIT SERIAL NUMBERS

UNITS	PASSENGER CARS & COMMERCIAL CARS ON PC CHASSIS	LIGHT COMMERCIAL TRUCKS				CONV. HD TRUCKS & SCHOOL BUS	COE TRUCKS	
		LIGHT DELIVERY	3/4 TON	3/4 TSS	3/4 TSL			
Vehicle	The first figure in the vehicle serial number indicates the location of the Assembly Plant: 1-Flint, Michigan; 2-Tarrytown, N.Y.; 3-St. Louis, Missouri; 5-Kansas City, Missouri; 6-Oakland, California; 8-Atlanta, Georgia; 9-Norwood, Ohio; 12-Buffalo, N.Y.; 14-Baltimore, Maryland; 21-Janesville, Wisconsin. The letter prefix indicates the year model and is followed by the month number. The concluding figures of the serial number start at 1001 at each Assembly Plant and continue in numerical sequence. For example, 1AG05-2322 is the serial number of the 1322nd 1941 Master Deluxe passenger car that was made at Flint in May.							
Engine	Engine serial numbers start at 1001 at Flint and Tonawanda. The number is preceded by prefix letters designating the various models and plants as shown below.							
	Flint	AA (AY@)	AD (BAF@)	AAF		AF (AG*)	AJ (AL*)	
	Tonawanda	AC	AE (BAN@)	AAN		AN	- - -	
Trans- mission	Transmission serial numbers start with the numbers listed below and continue in numerical sequence for each model and plant as shown.							
	Toledo	- - -	- - -			9090965	- - -	
	Saginaw	0543798	- - -			- - -	- - -	
	Muncie	326239C	6097216		7085000			
Rear Axle	Production year, source and model are identified by the prefix letters shown below. Three numerical digits indicate the calendar day of production. For example, all regular passenger car rear axles produced at Tonawanda on April 17, 1941 (the 107th calendar day) will be marked AJ-107.							
	Detroit	Reg	AG	AK	AL	AM	AN	AR
		RPO	AH	•	•	•	•	AT (5.43 axle) AV (2 speed axle)
	Tona- wanda	Reg	AJ	- - -	- - -	- - -	- - -	AS
		RPO	AP	- - -	- - -	- - -	- - -	AW (5.43 axle)

SERIAL NUMBER LOCATIONS

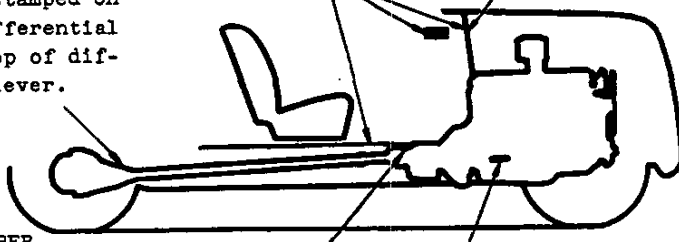
VEHICLE SERIAL NUMBER

Passenger and Commercial Cars: Stamped on plate on right side of floor pan in front of front seat. Conventional Trucks and School Bus: Stamped on plate on right side of cowl under hood. COE Trucks: Stamped on plate on rear of dash.

REAR AXLE SERIAL NUMBER

Passenger and Commercial cars and Light Commercial Trucks: Stamped on front upper surface of differential carrier.
Conventional Heavy Duty Trucks, COE Trucks and School Bus: Regular 6.17 and RPO 5.43 axles, stamped on upper surface of horizontal rib on differential carrier. RPO two-speed axle, stamped on top of differential carrier just forward of shift lever.

FISHER BODY NUMBER
Stamped on plate on right side of front of dash



TRANSMISSION SERIAL NUMBER

Passenger and Commercial Cars: Stamped on case at front edge of cover. Light Commercial Trucks: 3-speed, stamped on case at rear edge of cover; RPO 4-speed, stamped on rear left hand side of case. Conventional Heavy Duty Trucks, School Bus and COE Trucks: Stamped on rear left hand side of case.

ENGINE SERIAL NUMBER
Stamped on crankcase on right hand side of engine to rear of distributor.

* - Prefix letters AG and AL are for 235.5 RPO engine. @ - Regular engines with HD truck clutch. 8-12-40. 1-22-41: Revisions. 4-7-41: • - Serial letters added. ■ - Serial letters removed.

VEHICLE WEIGHT CONDITIONS

SHIPPING WEIGHT - This is the total weight of the vehicle with all regular equipment. It includes front bumpers; rear bumpers on passenger cars, commercial cars, and light commercial trucks (except stake trucks); bumper guards on Special Deluxe and Master Deluxe passenger and commercial cars (except at rear of Sedan Delivery); spare wheel and tire on passenger cars, commercial cars and light commercial trucks; spare tire cover and lock on Station Wagons; tool kit; and grease or oil in all units. ■

All truck weights are given as with regular single rear wheel equipment; school buses, as with regular dual rear wheel equipment.

Regular tire sizes as included in the weights for the various vehicles are:

Passenger cars, commercial cars and Light Delivery trucks - 6.00-16, 4 ply front and rear.

3/4 Ton trucks - 15"-6 ply front and rear.

3/4 Ton Special trucks - 7.00-17, 6 ply front and rear.

Conventional Heavy Duty and COE trucks - 6.00-20, 6 ply front; 6.50-20 (32 x 6)-8 ply ● rear.

School Bus - 6.50-20 (32 x 6)-8 ply ● front and dual rear.

* * * * *

CURB WEIGHT - This is the weight of the empty vehicle ready to drive. It is the shipping weight plus the weight of gasoline and water; plus also the spare tire with conventional heavy duty and COE trucks, and school bus.

* * * * *

TRUCK GROSS ALLOWABLE WEIGHT - This is the total weight of the loaded truck. It is the weight of the chassis, cab and body (or single unit body) plus the weight of the driver, pay load, gasoline, and water.

PASSENGER CAR WEIGHTS				
TYPES	SPECIAL DELUXE		MASTER DELUXE	
	Shipping	Curb	Shipping	Curb
Chassis, cowl & windshield & underbody	2395	2520	2390	2515
On front wheels	1450	1465	1445	1460
On rear wheels	945	1055	945	1055
Sport Sedan	3125	3250	3090	3215
On front wheels	1640	1655	1625	1640
On rear wheels	1485	1595	1465	1575
Town Sedan	3095	3220	3050	3175
On front wheels	1630	1645	1615	1630
On rear wheels	1465	1575	1435	1545
5 Passenger Coupe	3050	3175	3025	3150
On front wheels	1625	1640	1615	1630
On rear wheels	1425	1535	1410	1520
Business Coupe	3040	3165	3020	3145
On front wheels	1635	1685	1625	1675
On rear wheels	1405	1480	1395	1470
Cabriolet	3285	3410	- - -	- - -
On front wheels	1740	1755	- - -	- - -
On rear wheels	1545	1655	- - -	- - -

COMMERCIAL CAR WEIGHTS				
TYPES	SPECIAL DELUXE		MASTER DELUXE	
	Shipping	Curb	Shipping	Curb
Coupe Pickup	- - -	- - -		
On front wheels	- - -	- - -		
On rear wheels	- - -	- - -		
Sedan Delivery	- - -	- - -	3045	3170
On front wheels	- - -	- - -	1620	1670
On rear wheels	- - -	- - -	1425	1500
Station Wagon	3410	3535	- - -	- - -
On front wheels	1535	1550	- - -	- - -
On rear wheels	1875	1985	- - -	- - -

8-12-40. 1-22-41: ■ - Note revised. ● - Was 32 x 6, 8 ply. Weights added to charts.

LIGHT COMMERCIAL TRUCK WEIGHTS

For weight conditions, see page 11; for gross allowable weights and RPO equipment weights, see page 14.

TYPES	LIGHT DELIVERY		3/4 TON		3/4 TSS		3/4 TSL	
	Shipping	Curb	Shipping	Curb	Shipping	Curb	Shipping	Curb
Chassis with flat face cowl	2235	2365	2400	2540	2585*	2725*	- - -	- - -
On front wheels	1375	1435	1460	1525	1480*	1545*	- - -	- - -
On rear wheels	860	930	940	1015	1105*	1180*	- - -	- - -
Stripped chassis with flat face cowl	1990*	2120*	2215*	2355*	2365*	2505*	- - -	- - -
On front wheels							- - -	- - -
On rear wheels							- - -	- - -
Chassis with cowl and windshield	2285	2415	2450	2590	2615*	2755*	- - -	- - -
On front wheels	1425	1485	1510	1575			- - -	- - -
On rear wheels	860	930	940	1015			- - -	- - -
Stripped chassis with cowl and windshield	2075*	2205*	2265*	2405*	2415*	2555*	- - -	- - -
On front wheels							- - -	- - -
On rear wheels							- - -	- - -
Chassis with cab	2630	2770	2795	2935	2975*	3115*	- - -	- - -
On front wheels	1595	1680	1680	1765	1690*	1775*	- - -	- - -
On rear wheels	1035	1090	1115	1170	1285*	1340*	- - -	- - -
Pickup truck	2870	3010	3120	3260	3265*	3405*	- - -	- - -
On front wheels	1560	1645	1700	1785	1725*	1810*	- - -	- - -
On rear wheels	1310	1365	1420	1475	1540*	1595*	- - -	- - -
Panel truck	3090	3220	3355	3495	3500*	3640*	3770	3910
On front wheels	1535	1595	1665	1730	1665*	1730*	1820	1910
On rear wheels	1555	1625	1690	1765	1835*	1910*	1950	2000
Canopy express truck	3090*	3220*	- - -	- - -	- - -	- - -	- - -	- - -
On front wheels	1525*	1585*	- - -	- - -	- - -	- - -	- - -	- - -
On rear wheels	1565*	1635*	- - -	- - -	- - -	- - -	- - -	- - -
Carryall suburban \neq	3320	3450	- - -	- - -	- - -	- - -	- - -	- - -
On front wheels	1515	1575	- - -	- - -	- - -	- - -	- - -	- - -
On rear wheels	1805	1875	- - -	- - -	- - -	- - -	- - -	- - -
Stake truck	- - -	- - -	3355	3495	3535*	3675*	- - -	- - -
On front wheels	- - -	- - -	1675	1760	1745*	1830*	- - -	- - -
On rear wheels	- - -	- - -	1680	1735	1790*	1845*	- - -	- - -

\neq - With panel doors. Weight with end gate, 10# more. * - Weights estimated.

SCHOOL BUS CHASSIS WEIGHTS•

For weight conditions, see page 11.

	Shipping	Curb
195-1/8" wheelbase	3720	3915
On front wheels	1910	2000
On rear wheels	1810	1915

8-12-40. 1-22-41: Weights revised. • - 160" WB School Bus removed.

CONVENTIONAL HEAVY DUTY TRUCK WEIGHTS

TYPES - For weight conditions, see page 11; for gross allowable weights and RPO equipment weights, see page 14.	ONE TON		1-1/2 TON			
	134-1/2" WHEELBASE		134-1/2" WHEELBASE		160" WHEELBASE	
	Shipping	Curb	Shipping	Curb	Shipping	Curb
Chassis with flat face cowl	2915**	3095**	2970	3165	3225	3420
On front wheels	1690*	1780*	1680	1770	1830	1920
On rear wheels	1225**	1315**	1290	1395	1395	1500
Stripped chassis with flat face cowl	2730**	2870**	2850*	2990*	3095*	3235*
On front wheels						
On rear wheels						
Chassis with cowl and windshield	2965**	3145**	3020	3215	3275	3470
On front wheels	1740*	1830*	1730	1820	1880	1970
On rear wheels	1225**	1315**	1290	1395	1395	1500
Stripped chassis, cowl, windshield	2780**	2920**	2900*	3040*	3145*	3285*
On front wheels						
On rear wheels						
Chassis with cab	3310**	3490**	3410	3605	3650	3845
On front wheels	1920*	2010*	1960	2050	2120	2210
On rear wheels	1390**	1480**	1450	1555	1530	1635
Open express (pickup) truck	3750**	3945**	3925	4120	- - -	- - -
On front wheels			1945	2035	- - -	- - -
On rear wheels			1980	2085	- - -	- - -
Panel truck	3990**	4185**	4055	4275	- - -	- - -
On front wheels	1885*	1975*	1910	2000	- - -	- - -
On rear wheels	2105**	2210**	2145	2275	- - -	- - -
Canopy express truck	3945**	4140**	4065*	4260*	- - -	- - -
On front wheels	1885*	1975*	1885*	1975*	- - -	- - -
On rear wheels	2060**	2165**	2180*	2285*	- - -	- - -
Stake truck	4105**	4300**	4230	4425	4665	4860
On front wheels			1980	2070	2125	2215
On rear wheels			2250	2355	2540	2645
Stake express truck	- - -	- - -	- - -	- - -	4710	4905
On front wheels	- - -	- - -	- - -	- - -	2135	2225
On rear wheels	- - -	- - -	- - -	- - -	2575	2680
Stock (high) rack truck	- - -	- - -	- - -	- - -	4960	5155
On front wheels	- - -	- - -	- - -	- - -	2185	2275
On rear wheels	- - -	- - -	- - -	- - -	2775	2880

* - Weights estimated.

CAB-OVER-ENGINE TRUCK WEIGHTS

TYPES - For weight conditions, see page 11; for gross allowable weights and RPO equipment weights, see page 14.	109-1/8" WHEELBASE		132-5/8" WHEELBASE		158-1/8" WHEELBASE	
	Shipping	Curb	Shipping	Curb	Shipping	Curb
	Chassis with cowl and windshield	3345*	3545*	3440*	3640*	3725*
On front wheels						
On rear wheels						
Chassis with cab	3550	3750	3615	3815	3860	4060
On front wheels	2225	2305	2285	2375	2445	2540
On rear wheels	1325	1445	1330	1440	1415	1520
Stake truck	4320*	4520*	4665*	4865*	- - -	- - -
On front wheels	2255*	2335*	2400*	2490*	- - -	- - -
On rear wheels	2065*	2185*	2265*	2375*	- - -	- - -
Stake express truck	- - -	- - -	4700*	4900*	- - -	- - -
On front wheels	- - -	- - -			- - -	- - -
On rear wheels	- - -	- - -			- - -	- - -
Stock (high) rack truck	- - -	- - -	4940*	5140*	- - -	- - -
On front wheels	- - -	- - -			- - -	- - -
On rear wheels	- - -	- - -			- - -	- - -

* - Weights estimated.

8-12-40. 1-22-41: Revisions. 4-7-41: ● - Was 60# more.

TRUCK GROSS ALLOWABLE WEIGHTS

MODEL	NOMINAL RATING	GROSS WEIGHT	MINIMUM TIRE EQUIPMENT		REQUIRED EQUIPMENT			
			FRONT	REAR	REAR SPRINGS	GOVERNED SPEED	REAR AXLE	
LIGHT DELIVERY	1/2 TON	4400	6.00-16-4ply	6.00-16-4ply single	8 leaf	- - -	4.11	
		* 4600	6.00-16-6ply	6.00-16-6ply single	8 leaf	- - -		
DUBL-DUTI PANEL	3/4 TON	* 5000	6.00-16-6ply	6.00-16-6ply single	9 leaf	30 MPH	4.55	
3/4 TON		5200	15"-6 ply	15"-6 ply single	7 leaf	- - -		
3/4 TON SPECIAL		* 5800	7.00-17-6ply	7.00-17-6ply single	Light 8 leaf	- - -		
ONE TON	ONE TON	6700	6.00-20-6ply	6.00-20-6ply single		- - -	5.43	
HEAVY DUTY CONVENTIONAL AND CAB-OVER-ENGINE	1-1/2 TON	7700	6.00-20-6ply	7.00-20-8ply single	Heavy 10 leaf	- - -		6.17
		8000	6.00-20-6ply	7.50-20-8ply single		- - -		
		9500	6.00-20-6ply	6.00-20-6ply dual	- - -			
		* 11500	6.50-20-6ply	7.50-20-8ply dual	Heavy 10 leaf	- - -		
		* 13500	6.50-20-6ply	7.50-20-8ply dual	and auxiliary	45 MPH		
SCHOOL BUS	- - -	13500	7.50-20-8ply	7.50-20-8ply dual	Heavy 11 leaf	35 MPH		
HEAVY DUTY CONVENTIONAL AND CAB-OVER-ENGINE 2-SPEED REAR AXLE	1-1/2 TON	9500	6.50-20-6ply	7.00-20-8ply dual	Heavy 10 leaf and auxiliary	- - -	Two speed	
		11500	7.00-20-8ply	7.50-20-8ply dual		- - -		
		13500	7.00-20-8ply	7.50-20-8ply dual		45 MPH		5.64
		* 12000	7.00-20-8ply	8.25-20-10ply dual		- - -		
		* 14000	7.00-20-8ply	8.25-20-10ply dual		45 MPH		

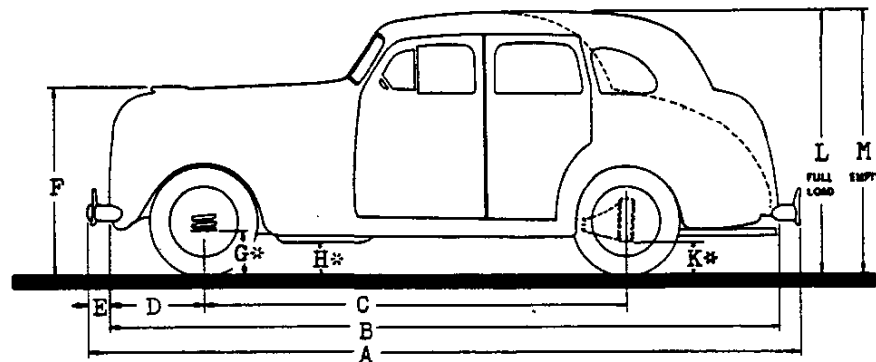
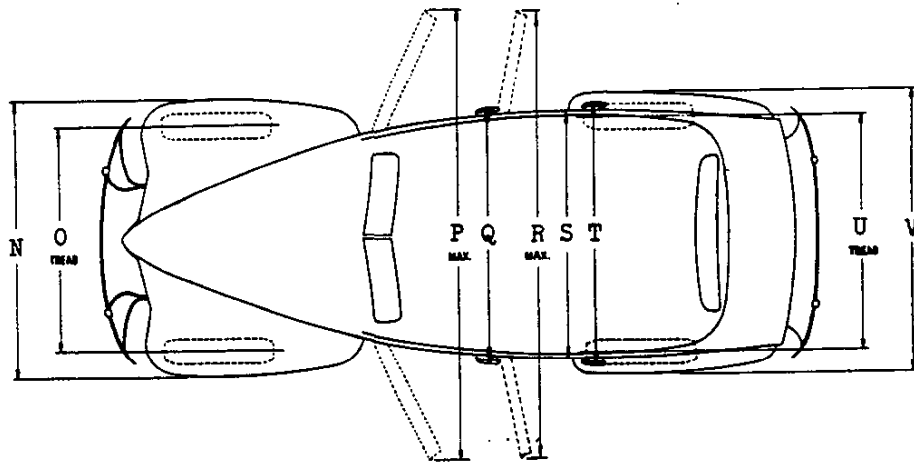
* - A plate supplied with each vehicle shows maximum gross rating. This gross is reduced per above table when lighter equipment is used.

TRUCK EQUIPMENT WEIGHTS	1/2 T	3/4 T	3/4TSS	3/4TSL	1 TON	SC	LC	SCOE	MCOE	LCOE
Cab (including cowl)		495		- - -		495			525	
Flat face cowl		80		- - -		80				
Cowl and windshield		107		- - -		107				
Pick-up box	245	265		- - -	460					
Panel body	921	963			1096					
Carryall suburban body, end gate	1100									
Carryall suburban body, panel doors	1080									
Ganopy express body	904				1012					
Stake platform, wood		384			483	641	483	641		
Express platform, wood						656		656		
Stake rack equipment		180			258	304	258	304		
Stock rack equipment						554		554		
Express rack equipment						354		354		
2 speed rear axle equipment *						158	160	106	158	159
4 speed transmission *	49	51	52							
2 two-stage rear springs & equip. *								37		
2 auxiliary rear springs & equip. *								84		
5.50-18-4 ply tire & wheel	51-1/2									
6.00-16-4 ply tire & wheel	42-1/4									
6.00-16-6 ply tire & wheel	45-3/4									
7.00-17-6 ply tire & wheel			83-1/2							
7.00-17-8 ply tire & wheel				89-1/2						
15"-6 ply tire & wheel	60-1/4									
7.50-17-8 ply tire & wheel			94-1/2							
30 x 5-6 ply tire & wheel						82-3/4				
6.00-20-6 ply tire & wheel						85-1/4				
6.50-20 (32 x 6)-8 ply tire & wheel						97-3/4				
6.50-20-6 ply tire & wheel						92				
7.00-20-8 ply tire & wheel						106-3/4				
7.00-20 (32 x 6)-10 ply tire & wheel						118-1/2				
7.50-20-8 ply tire & wheel						124-1/2 (138 @)				
7.50-20 (34 x 7)-10 ply tire & wheel						141-3/4 (155-1/4 @)				
8.25-20-10 ply tire & wheel						155-1/4 (168-3/4 @)				

* - Add to regular equipment. @ - With 2 speed axle.

1-22-41.

PASSENGER CAR EXTERIOR DIMENSIONS



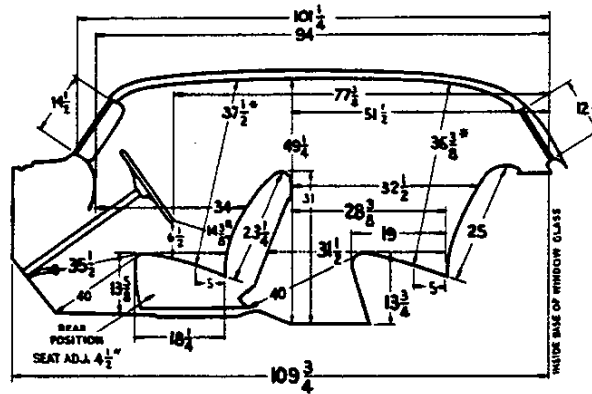
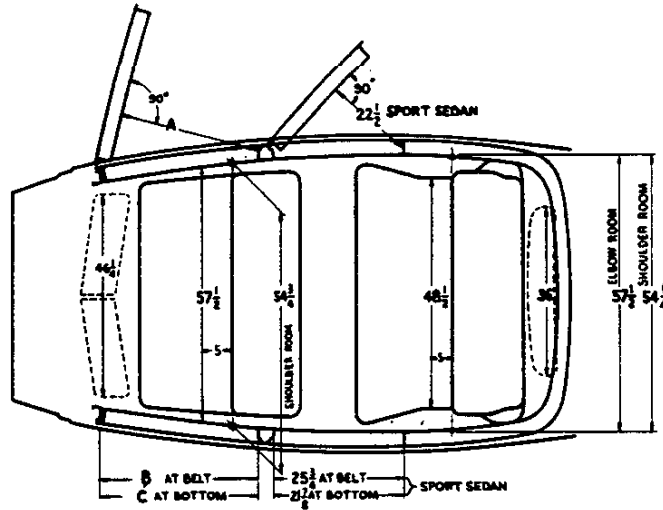
LEGEND	SPORT SEDANS	TOWN SEDANS	5-PASSENGER COUPE	BUSINESS COUPE	CABRIOLET
A Overall length	195-3/4"				
B Overall length, less bumpers	182-3/4"				
C Wheelbase	116"				
D Center of wheels to grille front	26-1/8"				
E Grille front to front of bumper	5-23/32"				
F Max. height over radiator ornament, loaded	48-7/16"				
G Minimum "front axle" ground clearance *	7-25/32" (under coil spring seat)				
H Minimum exhaust pipe ground clearance *	6-15/16"				
K Minimum rear axle ground clearance *	7-7/8"				
L Maximum height of car, loaded	65-7/8"	65-5/8"		65-3/8"	
M Maximum height of car, empty	68-3/8"	67-5/8"	66-5/8"	68-1/8"	
N Maximum width over front fenders	72-3/16"				
O Front tread	57-21/32"				
P Maximum width over front doors, opened	119"	141-1/2"	143-1/2"		
Q Maximum width over front door handles	69-1/4"	70-1/2"			
R Maximum width over rear doors, opened	110-3/4"	None			
S Maximum body width	70-7/8"				
T Maximum width over rear door handles	70-3/4"	None			
U Rear tread	60"				
V Maximum width over rear fenders	72-23/32"				

* - Ground clearances given are based on static conditions of tires and springs under 5-passenger design load. Actual clearances with car in operation when loaded are greater than those given.

1-22-41.

PASSENGER CAR BODY DIMENSIONS

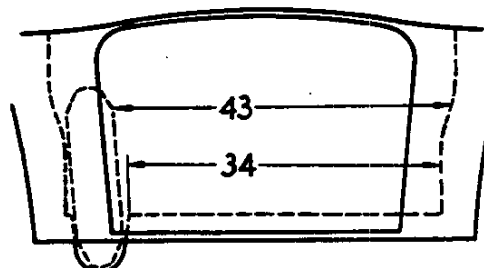
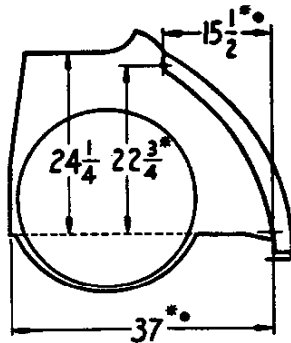
SPORT SEDAN & TOWN SEDAN



	SPORT SEDAN	TOWN SEDAN
A	30-1/4"	38"
B	31-7/8"	42-3/4"
C	32-1/2"	43"

* - Measured 15" from centerline of car

SPORT SEDAN & TOWN SEDAN TRUNK LUGGAGE SPACE



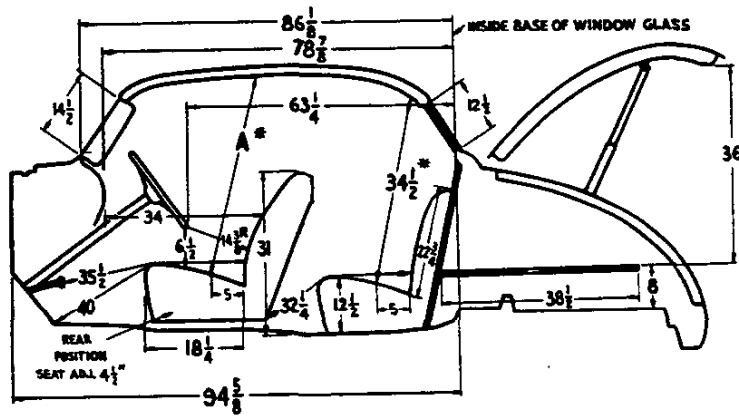
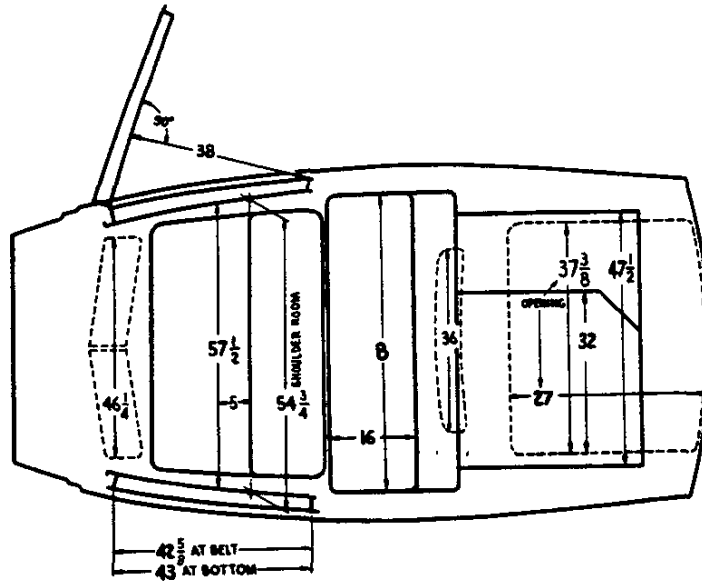
* - Measured at centerline of car

CONTINUED

1-22-41 4-7-41: ● - Trunk length dimensions revised.

PASSENGER CAR BODY DIMENSIONS—Continued

CABRIOLET AND FIVE PASSENGER COUPE



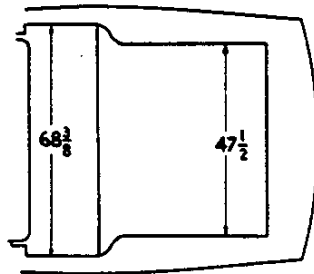
A	
CPE4	CBL
37-1/2"	37-7/8"

B		
	CPE4	CBL
Elbow room	54-1/2"	- - -
Shoulder room	55-1/4"	45-1/2"
Cushion width, 5" from seat back	53-3/4"	46-1/4"

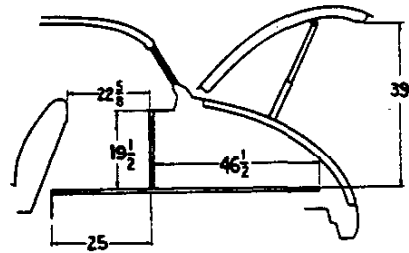
* - Measured 15" from centerline of car

BUSINESS COUPE LUGGAGE SPACE

All BUSINESS COUPE dimensions are same as FIVE PASSENGER COUPE except for those shown here.



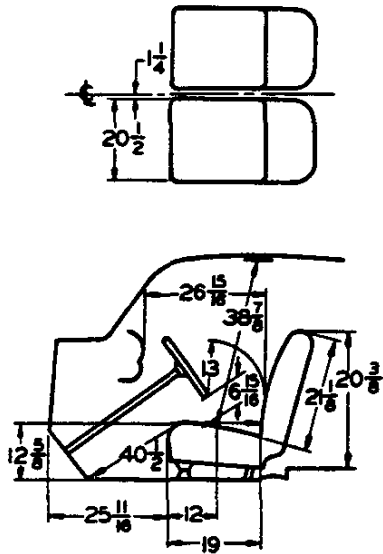
TOP VIEW OF FLOOR



1-22-41.

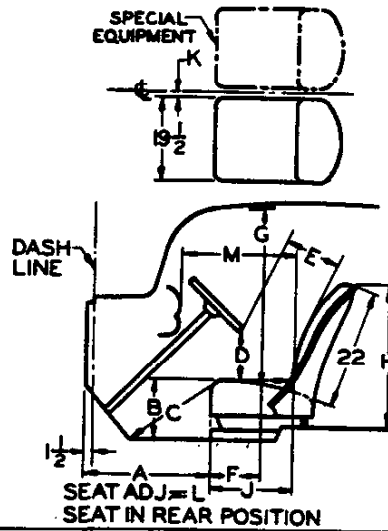
COMMERCIAL CAR AND TRUCK SEAT DIMENSIONS

Sedan Delivery



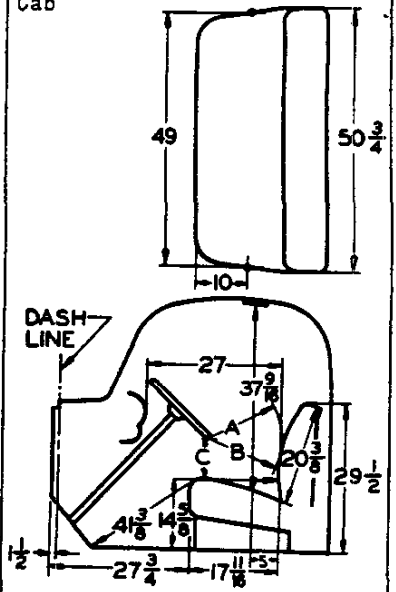
SEAT IN NEUTRAL POSITION
ADJ.=2" FRONT OR REAR

Panel & Canopy Express



SEAT IN REAR POSITION
SEAT ADJ.=L

Cab

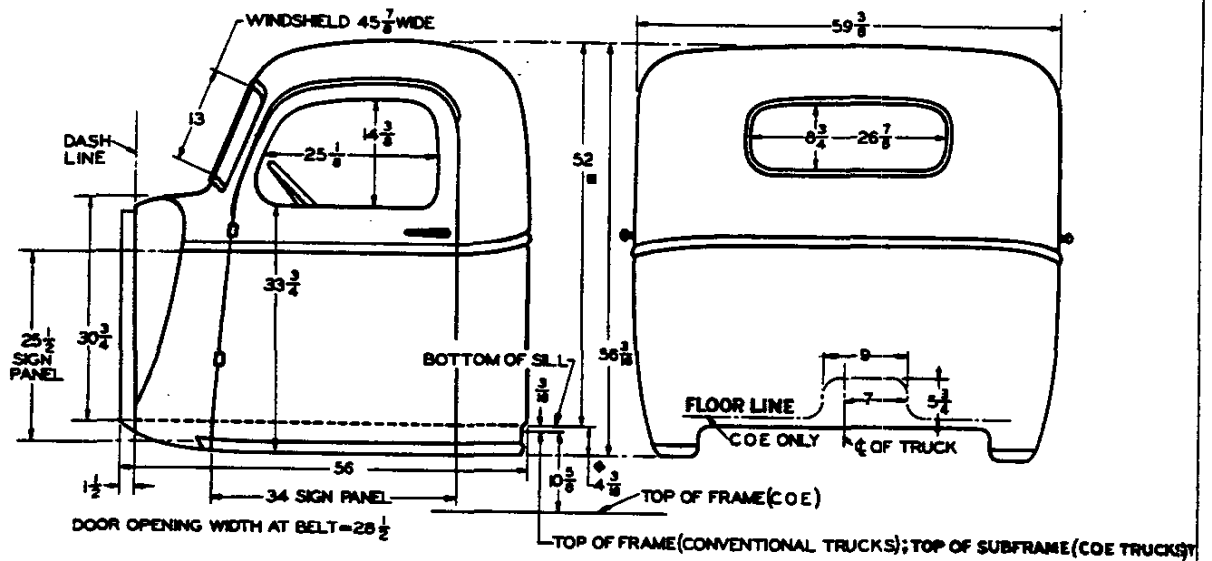


A-SEAT IN FORWARD POSITION
B-SEAT IN REAR POSITION
OTHER DIMENSIONS-SEAT
IN REAR POSITION.
SEAT ADJ.=4 1/4"

1/2 T, 2/2 T AND 2/2 TSS	A-27 1/8	B-13 3/8	C-39	D-8 1/2	E-14 3/8	F-12
PANELS	G-38 3/8	H-20 1/2	J-15 1/2	K-1 1/2	L-3	M-25 1/8
1/2 T CANOPY EXPRESS	A-28 1/8	B-13 3/8	C-38	D-8 1/2	E-13 3/8	F-12
	G-38 7/8	H-20 1/2	J-15 1/2	K-1 1/2	L-2	M-24 1/8
2/2 TSL, OT, AND SC PANELS	A-28 1/8	B-14 1/2	C-38 1/2	D-8 3/8	E-13 3/8	F-13 1/2
	G-38 7/8	H-32	J-15 1/2	K-1 1/2	L-4 1/2	M-25 1/8
OT AND SC	A-27 1/8	B-14 1/2	C-38 1/2	D-8 3/8	E-12 3/8	F-13 1/2
CANOPY EXPRESS	G-38 1/2	H-32	J-15 1/2	K-1 1/2	L-3 3/8	M-23 3/8

1/2 T, 2/2 T, 2/2 TSS	A	B	C
	12 11/16	14 3/4	7 1/2
CHD	12 3/8	14 1/2	8 1/2
COE	13	15	8 3/8

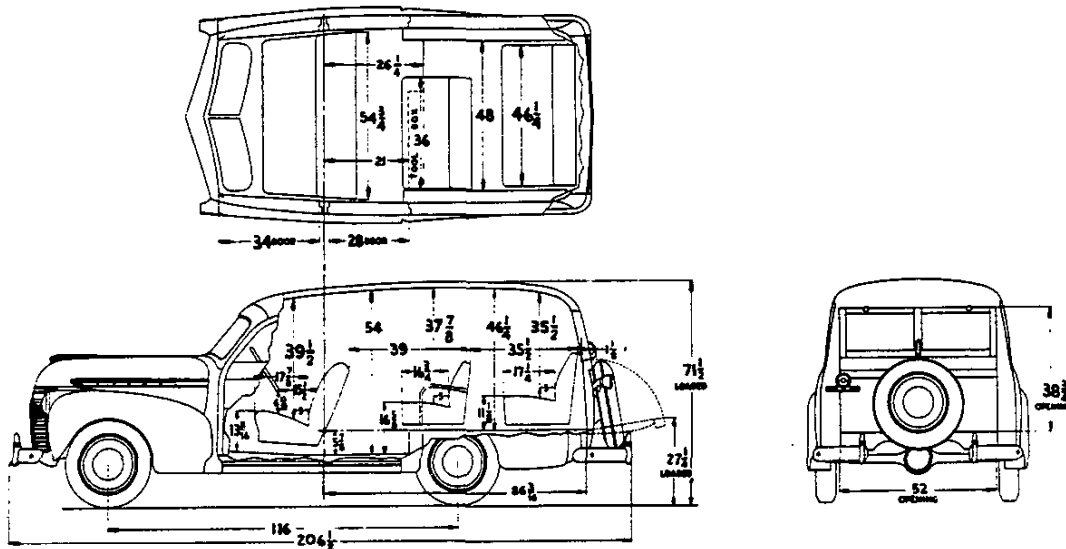
TRUCK CAB EXTERIOR DIMENSIONS



Mounting: Flexible (springs under #2 and #3 bolts)

8-12-40. 1-22-41: ● - E dimension was 1/8" less. ■ - Was 51-15/16". ◆ - Arrow relocated.
▼ - Note revised.

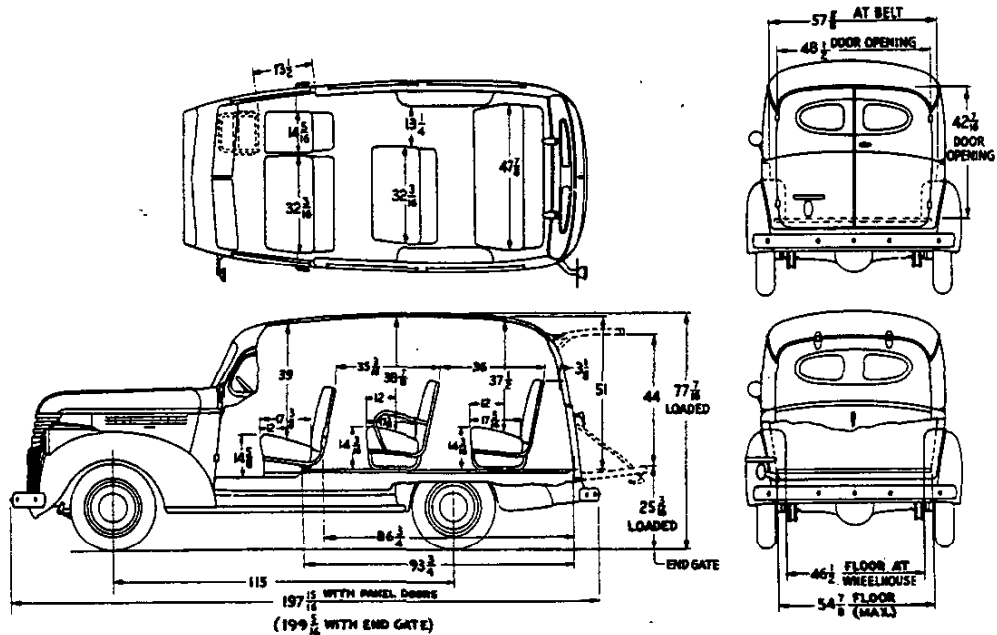
SPECIAL DELUXE STATION WAGON BODY DIMENSIONS *



Loaded height dimensions are with 6.00-16-4 ply tires.

Load space measured with front seat in rear position. Seat adj. = 4-1/2"

LIGHT DELIVERY CARRYALL SUBURBAN BODY DIMENSIONS *

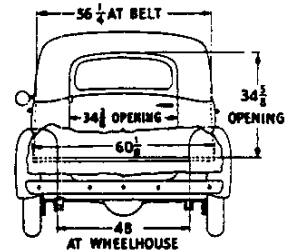
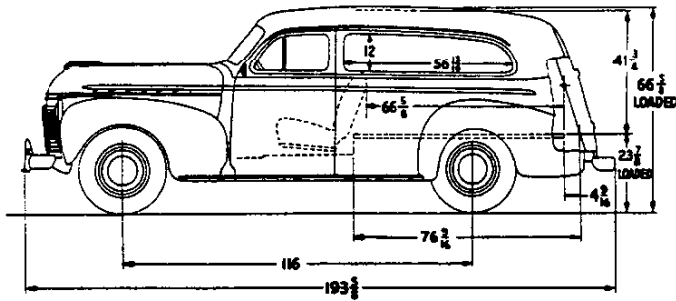


Loaded height dimensions are with 6.00-16-4 ply tires. Load space measured with front seat in mid-dle position. Seat adj. = 3/4" both ways. 8-12-40. 1-22-41; Revisions. 4-7-41: ● - Load space re-dimensioned.

PANEL TYPE TRUCK BODY DIMENSIONS °

SEDAN DELIVERY

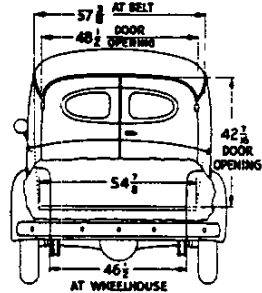
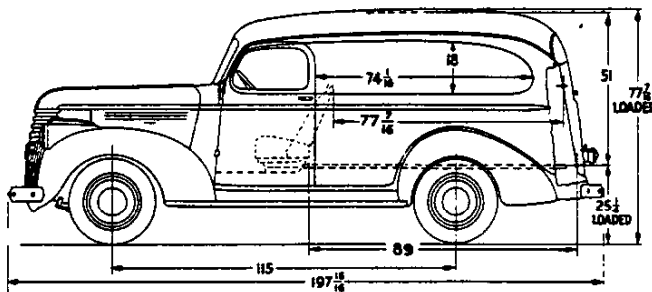
Mounted on Master Deluxe Chassis



Loaded height dimensions are with 6.00-16-4 ply tires.

Load space measured with seat in rear position.

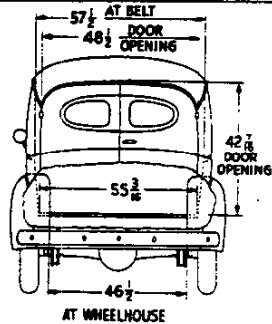
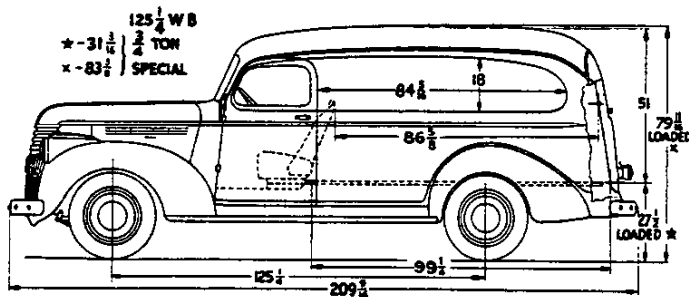
LIGHT DELIVERY PANEL



Loaded height dimensions are with 6.00-16-4 ply tires.

Load space measured with seat in rear position.

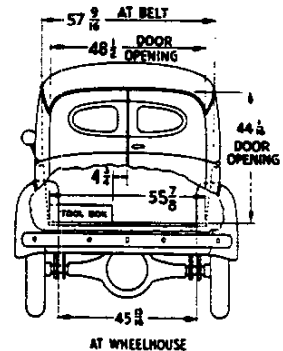
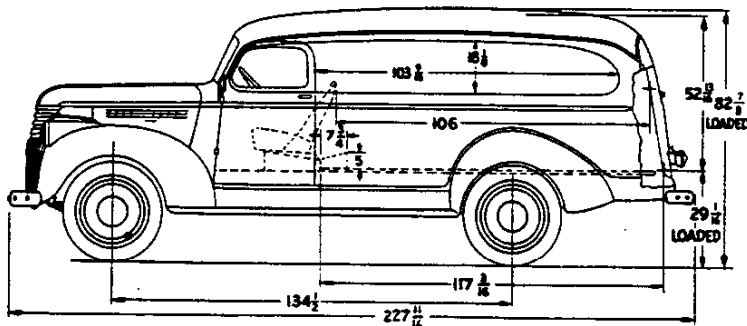
3/4 TON PANEL



Loaded height dimensions: 15"-6 ply tires on 3/4 TON
7.00-17-6 ply tires on 3/4 TON SPECIAL

Load space measured with seat in rear position.

3/4 TON SPECIAL PANEL - 134-1/2" WB



Loaded height dimensions are with 7.00-17-6 ply tires

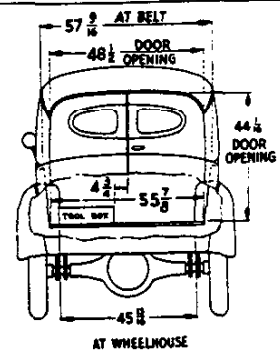
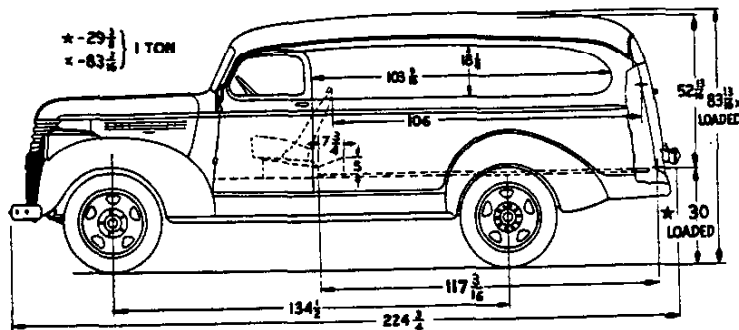
Load space measured with seat in rear position.

CONTINUED

8-12-40. 1-22-41: Revisions. 4-7-41: ● - Load spaces re-dimensioned.

PANEL TYPE TRUCK BODY DIMENSIONS—Continued *

1-1/2 TON PANEL

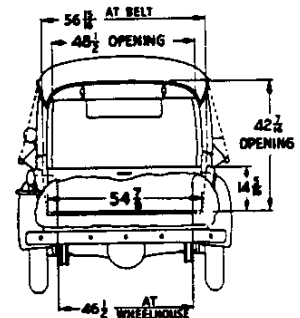
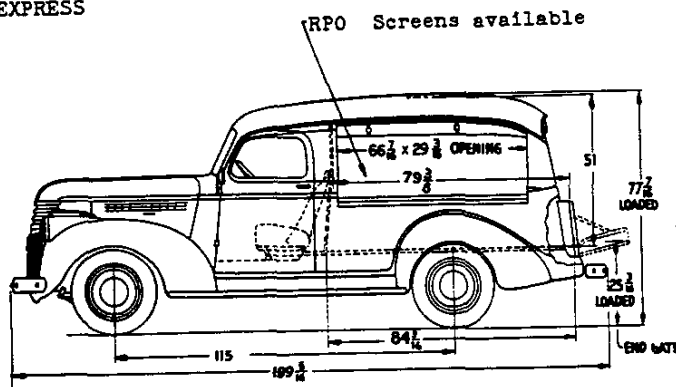


Loaded height dimensions are with 6.50-20 (32 x 6) 8 ply rear tires on 1-1/2 Ton Panel and 6.00-20-6 ply tires on One Ton Panel.

Load space measured with seat in rear position.

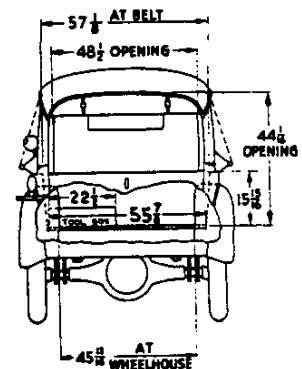
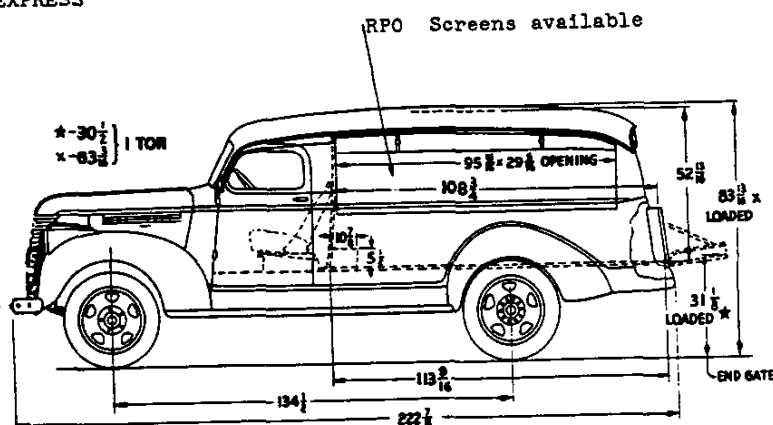
CANOPY EXPRESS TRUCK BODY DIMENSIONS *

LIGHT DELIVERY
CANOPY EXPRESS



Loaded height dimensions are with 6.00-16-4 ply tires

1-1/2 TON
CANOPY EXPRESS

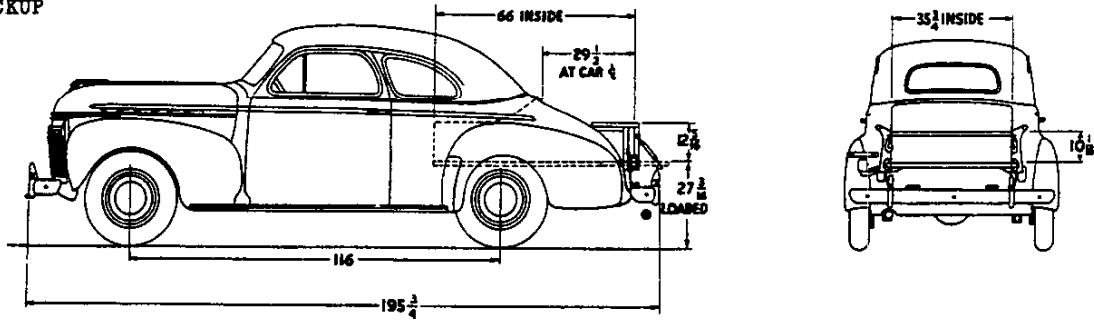


Loaded height dimensions are with 6.50-20 (32 x 6) 8 ply rear tires on 1-1/2 Ton Panel and 6.00-20-6 ply tires on One Ton Panel.

8-12-40. 1-22-41: Revisions. 4-7-41: • - Load spaces re-dimensioned.

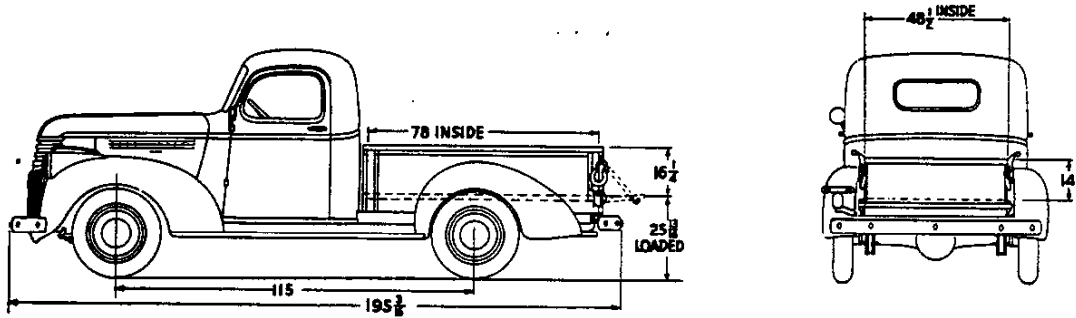
PICKUP TRUCK BODY DIMENSIONS

MASTER DELUXE COUPE PICKUP



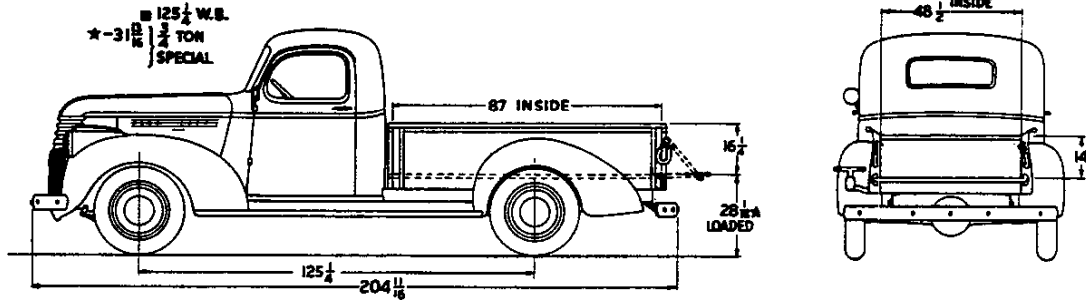
Loaded height dimension is with 6.00-16-4 ply tires

LIGHT DELIVERY PICKUP



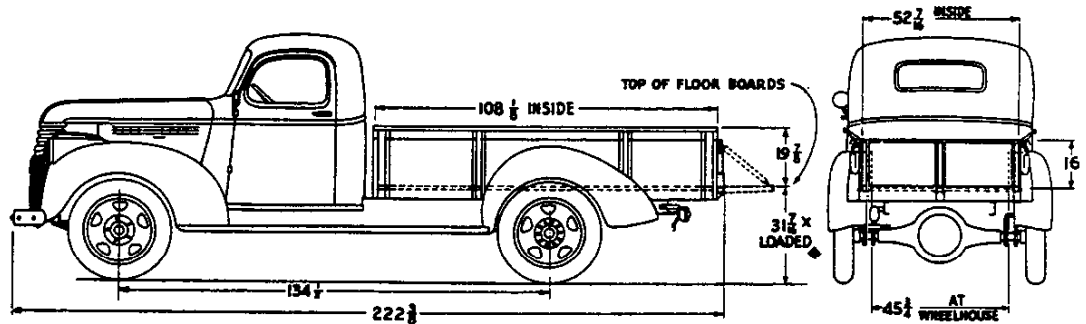
Loaded height dimension is with 6.00-16-4 ply tires

3/4 TON PICKUP



Loaded height dimension is with 15"-6 ply tires on 3/4 Ton truck and 7.00-17-6 ply tires on 3/4 Ton Special truck.

1-1/2 TON PICKUP



Loaded height dimension is with 6.50-20 (32 x 6) 8 ply v tires on rear of 1-1/2 Ton truck and 6.00-20-6 ply tires on One Ton truck.

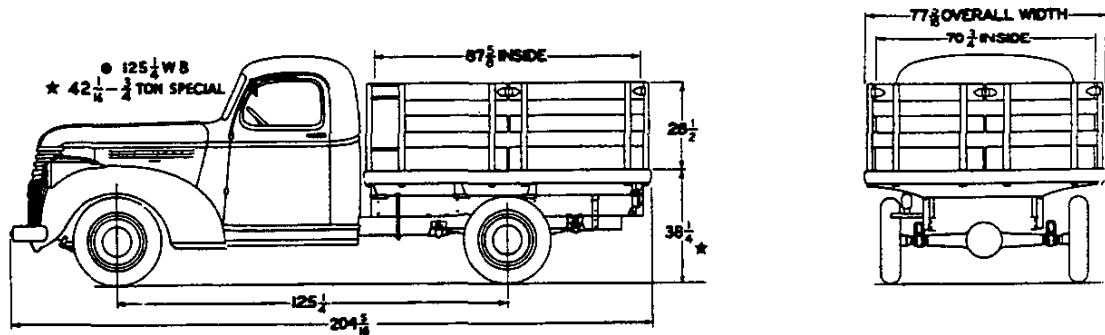
x - ONE TON 30-7/16" *

8-12-40. 1-22-41: • - Rear bumper guards added. ■ - Was 31-3/4". ♦ - Was 31-1/16".

v - Was 32 x 6-8 ply. * - Was 30-3/16".

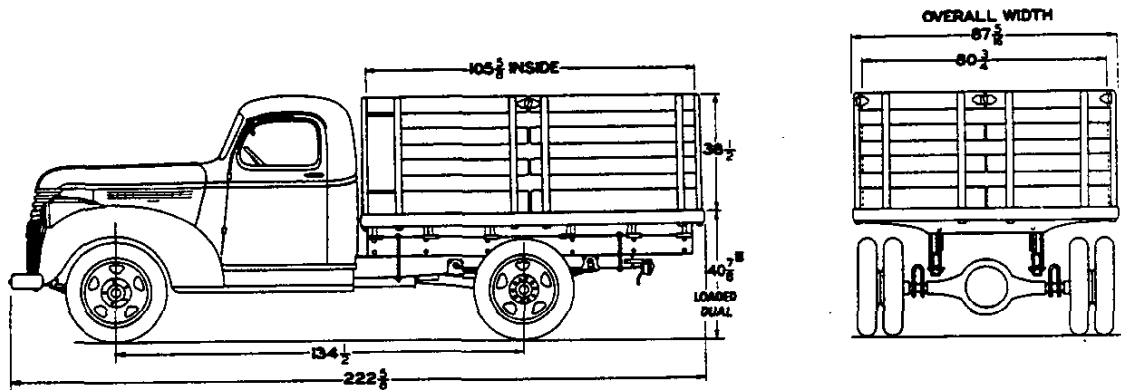
STAKE TRUCK BODY DIMENSIONS

3/4 TON STAKE TRUCK



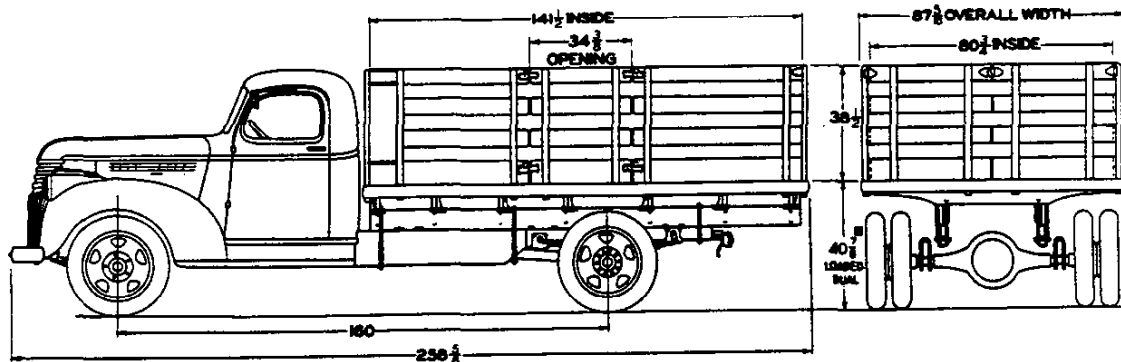
Loaded height dimension is with 15"-6 ply tires on 3/4 Ton truck and 7.00-17-6 ply tires on 3/4 Ton Special truck.

1-1/2 TON CONVENTIONAL HEAVY DUTY STAKE TRUCK (on 134-1/2" WB chassis)



Loaded height dimension is with 6.00-20-6 ply tires

1-1/2 TON CONVENTIONAL HEAVY DUTY STAKE TRUCK (on 160" WB chassis)



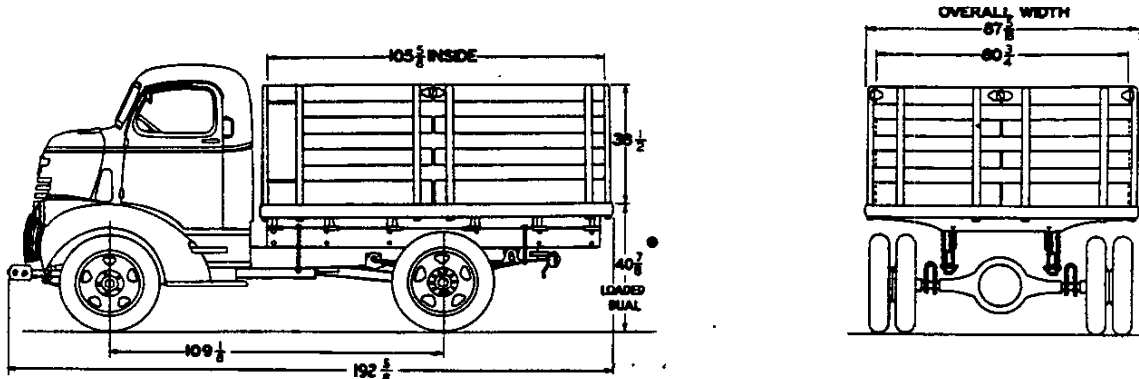
Loaded height dimension is with 6.00-20-6 ply tires

CONTINUED

8-12-40. 1-22-41: • - Was 1/16" less. ■ - Was 1/4" less.

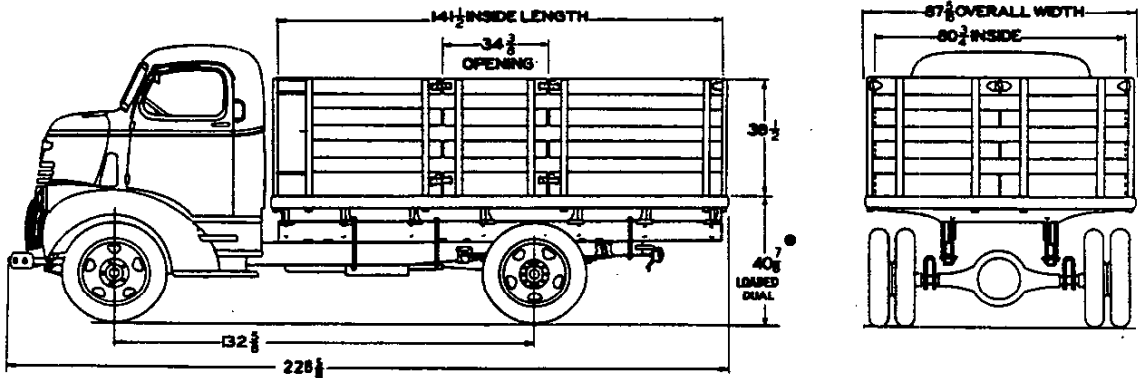
STAKE TRUCK BODY DIMENSIONS—Continued

1-1/2 TON CAB-OVER-ENGINE
STAKE TRUCK
(on 109-1/8" WB chassis)



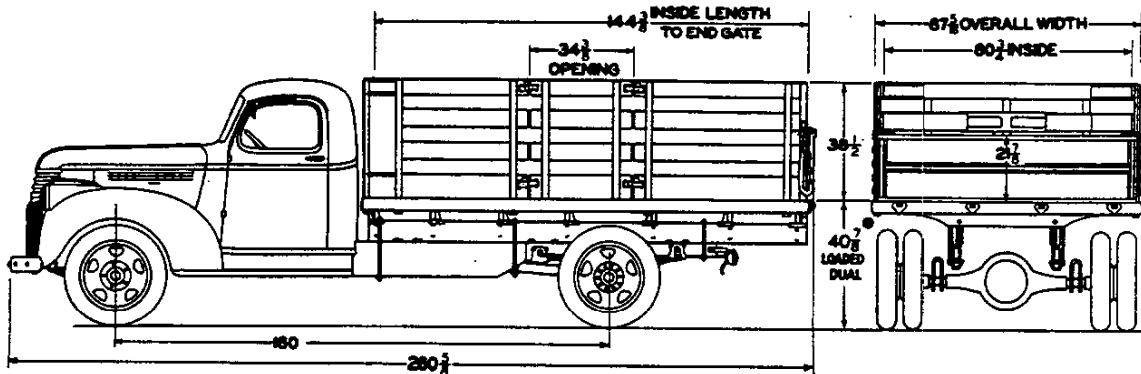
Loaded height dimension is with 6.00-20-6 ply tires

1-1/2 TON CAB-OVER-ENGINE
STAKE TRUCK
(on 132-5/8" WB chassis)



Loaded height dimension is with 6.00-20-6 ply tires

1-1/2 TON CONVENTIONAL
HEAVY DUTY STAKE
EXPRESS TRUCK
(on 160" WB chassis)



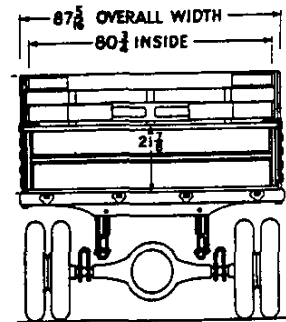
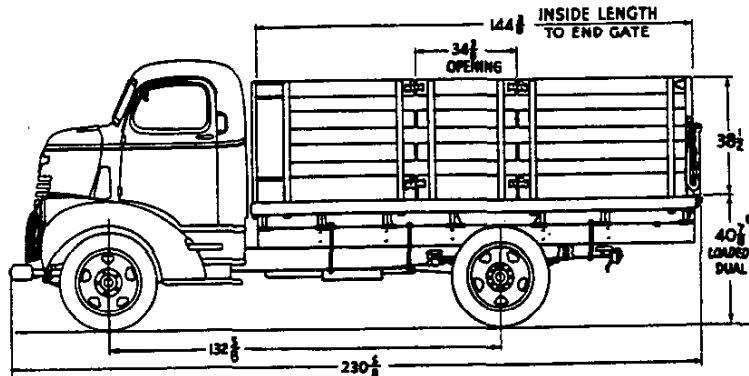
Loaded height dimension is with 6.00-20-6 ply tires

CONTINUED

8-12-40. 1-22-41: • - Was 1/4" less.

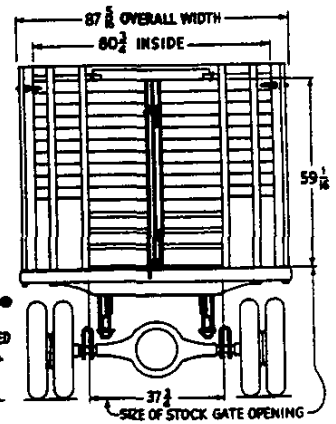
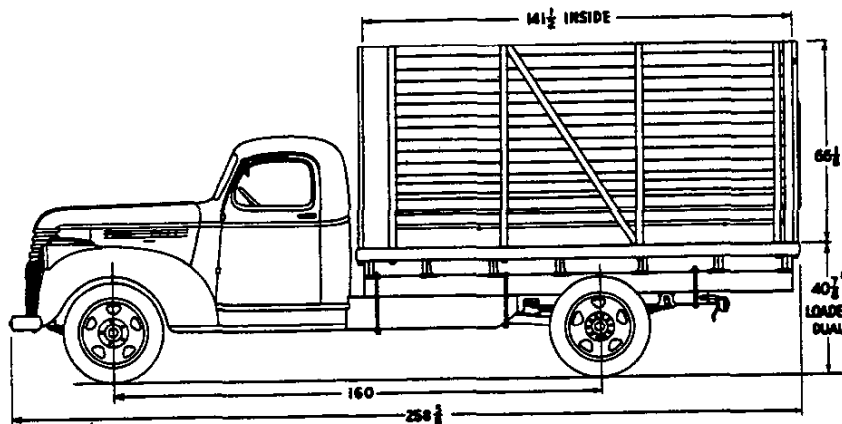
STAKE TRUCK BODY DIMENSIONS—Continued

1-1/2 TON CAB-OVER-ENGINE
STAKE EXPRESS TRUCK
(on 132-5/8" WB chassis)



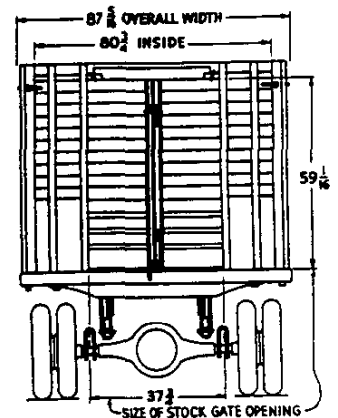
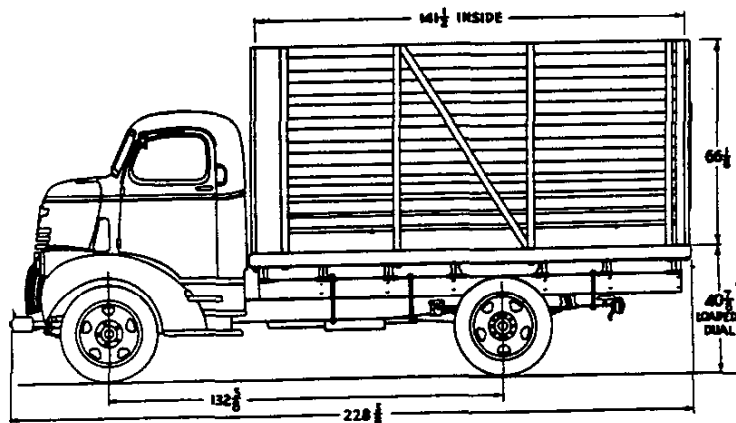
Loaded height dimension is with 6.00-20-6 ply tires

1-1/2 TON CONVENTIONAL
HEAVY DUTY HIGH
(STOCK) RACK TRUCK
(on 160" WB chassis)



Loaded height dimension is with 6.00-20-6 ply tires

1-1/2 TON CAB-OVER-ENGINE
HIGH (STOCK) RACK TRUCK
(on 132-5/8" WB chassis)



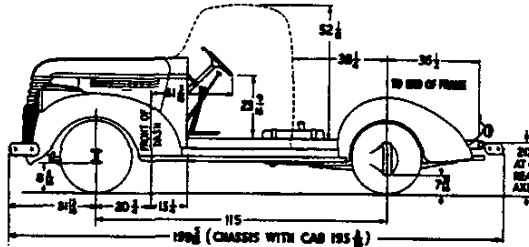
Loaded height dimension is with 6.00-20-6 ply tires

8-12-40. 1-22-41: • - Was 40-5/8".

TRUCK AND SCHOOL BUS CHASSIS DIMENSIONS

Note: Unless otherwise specified, vertical dimensions show design height with specified • tire equip.

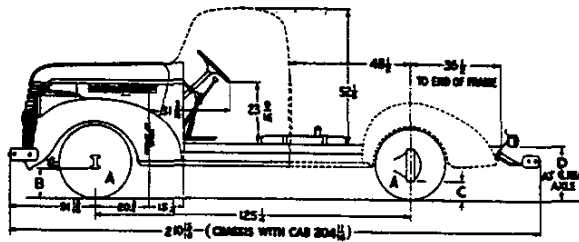
LIGHT DELIVERY CHASSIS



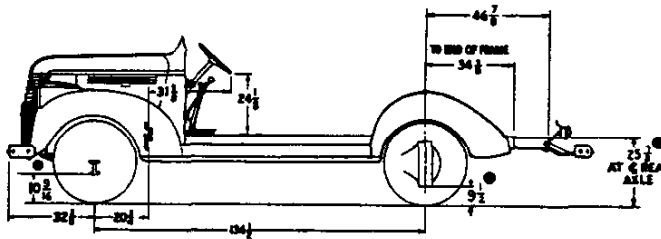
6.00-16-4 ply tires

3/4 TON AND 3/4 TON
SPECIAL CHASSIS

	A	B	C	D
3/4 T	15"-6 Ply	8-9/16"	7-15/16"	22-3/4"
3/4 TSS	7.00-17, 6 Ply	10-1/8"•	9-1/2"•	25-15/16"•

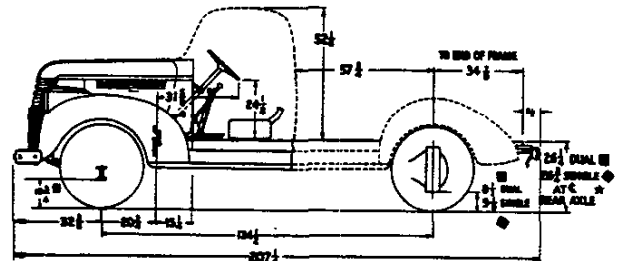


CHASSIS FOR 3/4 TON
SPECIAL PANEL (134-1/2" WB)



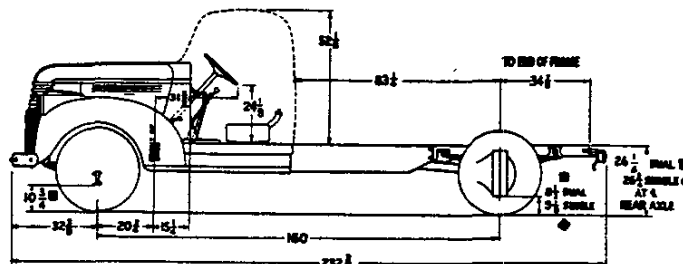
7.00-17, 6 ply tires

CONVENTIONAL HEAVY DUTY
TRUCK CHASSIS (134-1/2" WB)



6.00-20-6 ply front tires on ONE TON & 1-1/2 TON
6.50-20 (32 x 6)-8 ply ▽ single rear tires on
1-1/2 TON
6.00-20-6 ply dual rear tires on 1-1/2 TON
6.00-20-6 ply single rear tires on ONE TON
★ - 26-1/4" • on ONE TON

CONVENTIONAL HEAVY DUTY
TRUCK CHASSIS (160" WB)

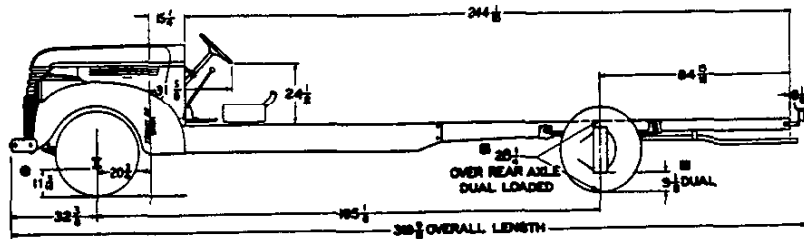


6.00-20-6 ply front tires
6.50-20 (32 x 6)-8 ply ▽ single
rear tires
6.00-20-6 ply dual rear tires

8-12-40. 1-22-41: 160" WB School Bus removed. Sheet reorganized. • - Was 1/16" less.
■ - Was 1/4" less. ♦ - Was 3/8" less. ▽ - Was 32 x 6, 8 ply. = - Was regular.

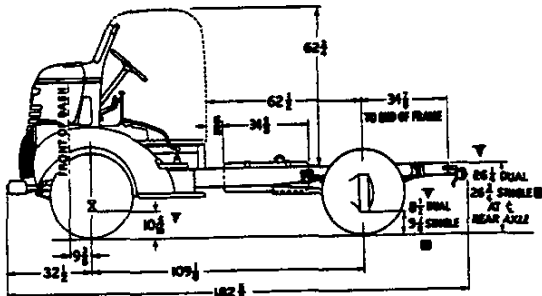
TRUCK AND SCHOOL BUS CHASSIS DIMENSIONS—Continued

SCHOOL BUS CHASSIS



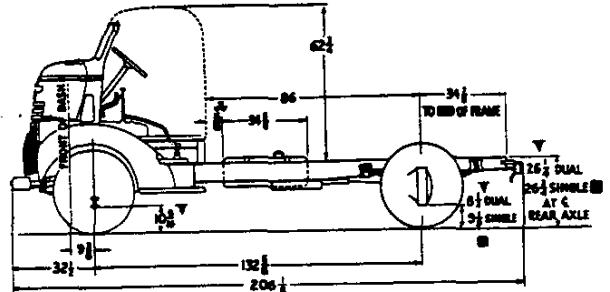
6.50-20 (32 x 6)-8 ply ♦ front and dual rear tires

CAB-OVER-ENGINE TRUCK CHASSIS (109-1/8" WB)



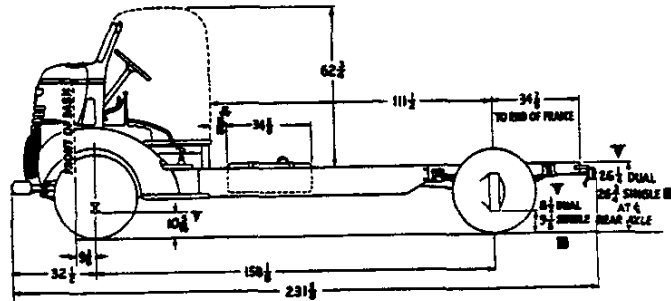
FOR TIRE SIZES SEE BELOW

CAB-OVER-ENGINE TRUCK CHASSIS (132-5/8" WB)



FOR TIRE SIZES SEE BELOW

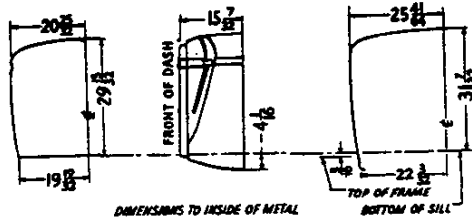
CAB-OVER-ENGINE TRUCK CHASSIS (158-1/8" WB)



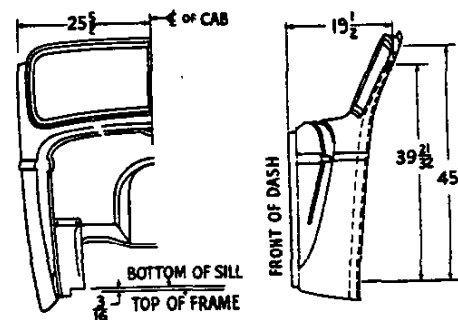
6.00-20-6 ply front tires
6.50-20 (32 x 6)-8 ply ♦ single rear tires
6.00-20-6 ply dual rear tires

CONVENTIONAL TRUCK COWL DIMENSIONS

FLAT FACE COWL UNIT



COWL AND WINDSHIELD UNIT

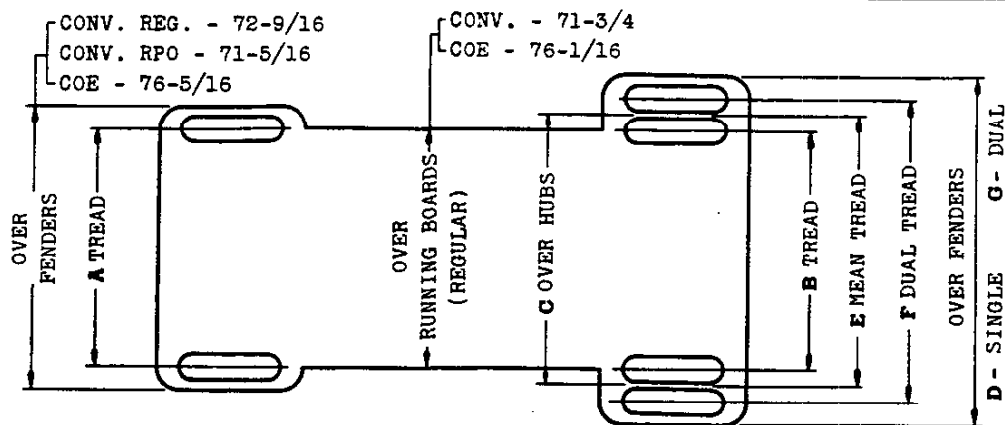


8-12-40. 1-22-41: ● - Was 10-15/16". ■ - Was 3/8" less. ♦ - Was 32 x 6, 8 ply.
▼ - Was 1/4" less. * - Was 5-15/16".

CHEVROLET 1941 SPECIFICATIONS

TRUCK CHASSIS DIMENSIONS—27

TRUCK AND SCHOOL BUS TREADS AND OVERALL WIDTH



REGULAR REAR AXLES - With regular front axle, wheel and fender equipment

	CONVENTIONAL TRUCKS & SCHOOL BUS					CAB-OVER-ENGINE TRUCKS
	LT. DEL.	3/4 TON	3/4 TSS	3/4 TSL	CHD & SCHOOL BUS	
WHEEL OFFSET	9/16"	0	9/16"		4-1/8"	
A	56-1/2"	57-5/8"	56-3/8"		57-5/16" (59-15/16"*)	
B	59-1/4"	60-7/16"	59-1/4"		57-3/4"	
C	68-1/8"	69-1/8"			75-7/8"	
D	72"		70-5/8"	70-5/8" (134-1/2" WB only)		None
E	None				66"	
F	None				74-1/4"	
G	None					

REGULAR REAR AXLES - With RPO wheel and rear fender equipment

	CONVENTIONAL TRUCKS & SCHOOL BUS					CAB-OVER-ENGINE TRUCKS	
	LT. DEL.	CONV. HEAVY DUTY		SCHOOL BUS			
WHEEL OFFSET	0	4-1/2"	4-3/4"	4-1/2"	4-3/4"	4-1/2"	4-3/4"
A	Reg. fr. axle	57-5/8"	56-9/16"	56-1/16"	56-9/16"	56-1/16"	62-1/8"
	RPO fr. axle	None	59-1/8"	58-5/8"	59-1/8"	58-5/8"	None
B	60-7/16"	57"	56-1/2"	57"	56-1/2"	57"	56-1/2"
C	69-1/8"	75-7/8"					
D	72"	70-5/8"		None			
E	None	66"					
F	None	75"	75-1/2"	75"	75-1/2"	75"	75-1/2"
G	None	85-15/16"			None		

RPO TWO SPEED REAR AXLE - With RPO equipment

	CONVENTIONAL HEAVY DUTY TRUCKS				CAB-OVER-ENGINE TRUCKS				
	WHEEL OFFSET	4-1/8"	4-1/2"	4-3/4"	5-1/4"	4-1/8"	4-1/2"	4-3/4"	5-1/4"
A	Reg. fr. axle	57-5/16"	56-9/16"	56-1/16"	55-5/16"	62-15/16"	62-1/8"	61-5/8"	60-7/8"
	RPO fr. axle	59-15/16"	59-1/8"	58-5/8"	57-3/8"	None			
B	60-1/8"	59-3/8"	58-7/8"	58-1/8"	60-1/8"	59-3/8"	58-7/8"	58-1/8"	
C	78-3/4"								
D	None								
E	68-3/8"			68-5/8"	68-3/8"			68-5/8"	
F	76-5/8"	77-3/8"	77-7/8"	79-1/8"	76-5/8"	77-3/8"	77-7/8"	79-1/8"	
G	None								

* - RPO front axle.

8-12-40. 1-22-41: Data revised and sheet reorganized.

FRAME

ITEM	PASS. & COMM. CARS	TRUCKS & SCHOOL BUS
Frame type	Box girder	Ladder
Side Members	Box	Channel
Material	H.R. Steel - pickled	
Min. yield point	41000 lbs. per sq.in.	
Elongation in 2"	35% to 40%	

RPO FRAME EXTENSIONS - CHD TRUCKS		
8-1/2" TYPE	12" TYPE	50" TYPE

SPECIAL DELUXE*, SPECIAL DELUXE COMMERCIAL MASTER DELUXE, MASTER DELUXE COMMERCIAL

LIGHT DELIVERY

SIDE MEMBER - MAXIMUM SECTION	
ITEM	PASS. & COMM. CARS
A	2-3/4"
B	3-7/8"
C	1/8"
D	3/32"
E	4-35/64"
Section Modulus per side	1.716 in. ³

	ITEM	1/2 T	3/4 T	3/4 TSS	3/4 TSL, 134-1/2 CHD	109-1/8 & 132-5/8 COE
	A	2-1/4"	2-1/4"	2-1/4"	2-3/4"	2-3/4"
	B	5-3/4"	5-27/32"	5-27/32"	7"	7"
	C	9/64"	3/16"	3/16"	7/32"	7/32"
Section modulus per side	2.40 in. ³	3.18 in. ³	3.18 in. ³	5.43 in. ³	5.43 in. ³	5.43 in. ³

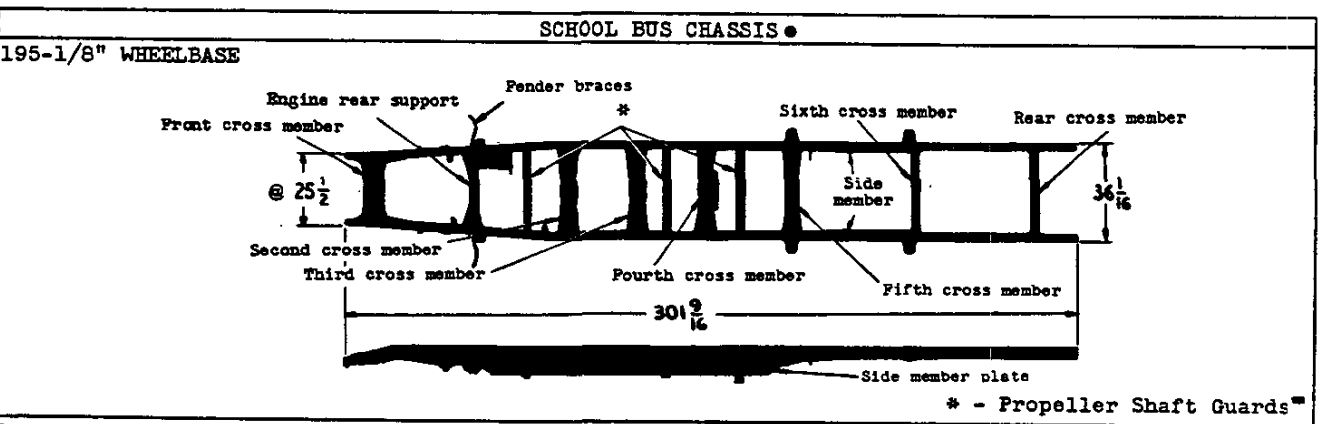
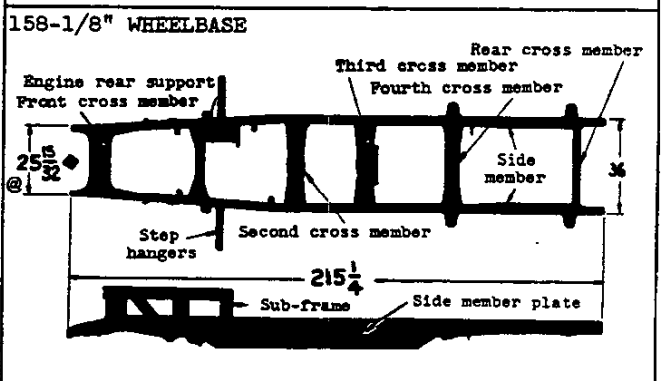
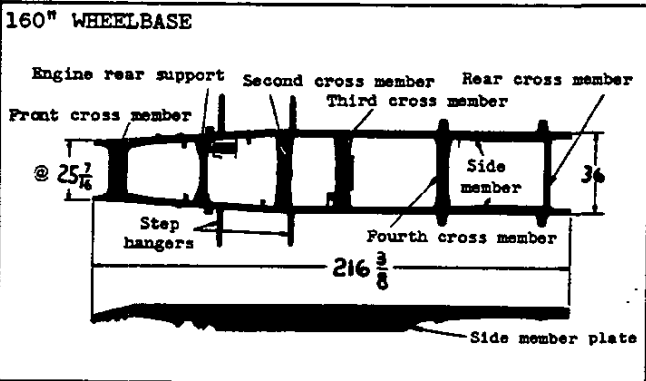
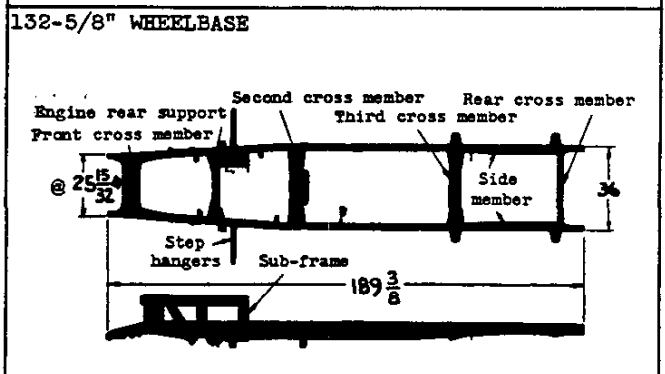
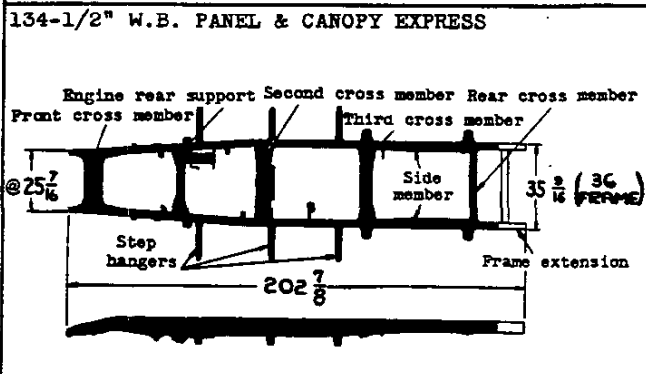
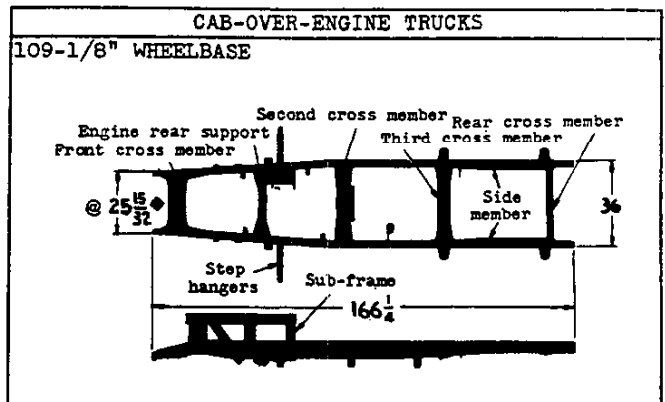
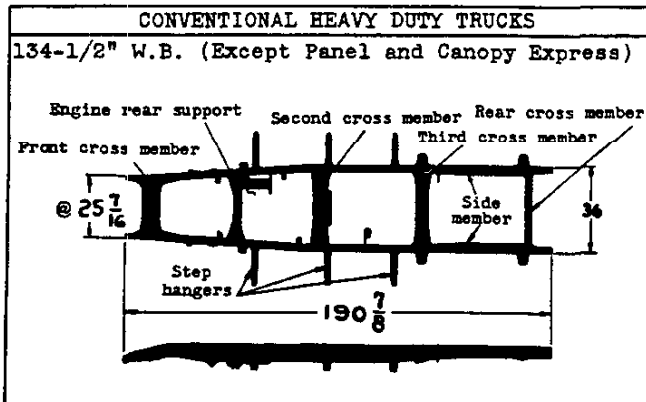
SIDE MEMBER WITH REINFORCEMENT PLATE MAXIMUM SECTION		
ITEM	160 CHD, 158-1/8 COE # ●	SB
A	2-3/4"	2-25/32"
B	7"	7-1/16"
C	7/32"	1/4"
D	1/8"	1/8"
E	10"	10"
F	5/16"	5/16"
Section modulus per side	8.71 in. ³	9.26 in. ³

3/4 TON, 3/4 TON SPECIAL - SHORT (3/4 TON SPECIAL LONG frame data is same as shown for 134-1/2" WB CHD PANEL & CANOPY EXPRESS. See page 30.)

--

* - Except Cabriolet. # - Side member plates also available as RPO equipment on 134-1/2 CHD, 109-1/8 and 132-5/8 COE frames. ● - Dimension taken at intersection of spring pin hole and outside of frame. ● - Note reworted. ♦ - Note added.
 5-12-40. 1-22-41: ● - 160" WB School Bus removed. ■ - Note reworted. ♦ - Note added.
 ▼ - Was 5.41 in.³

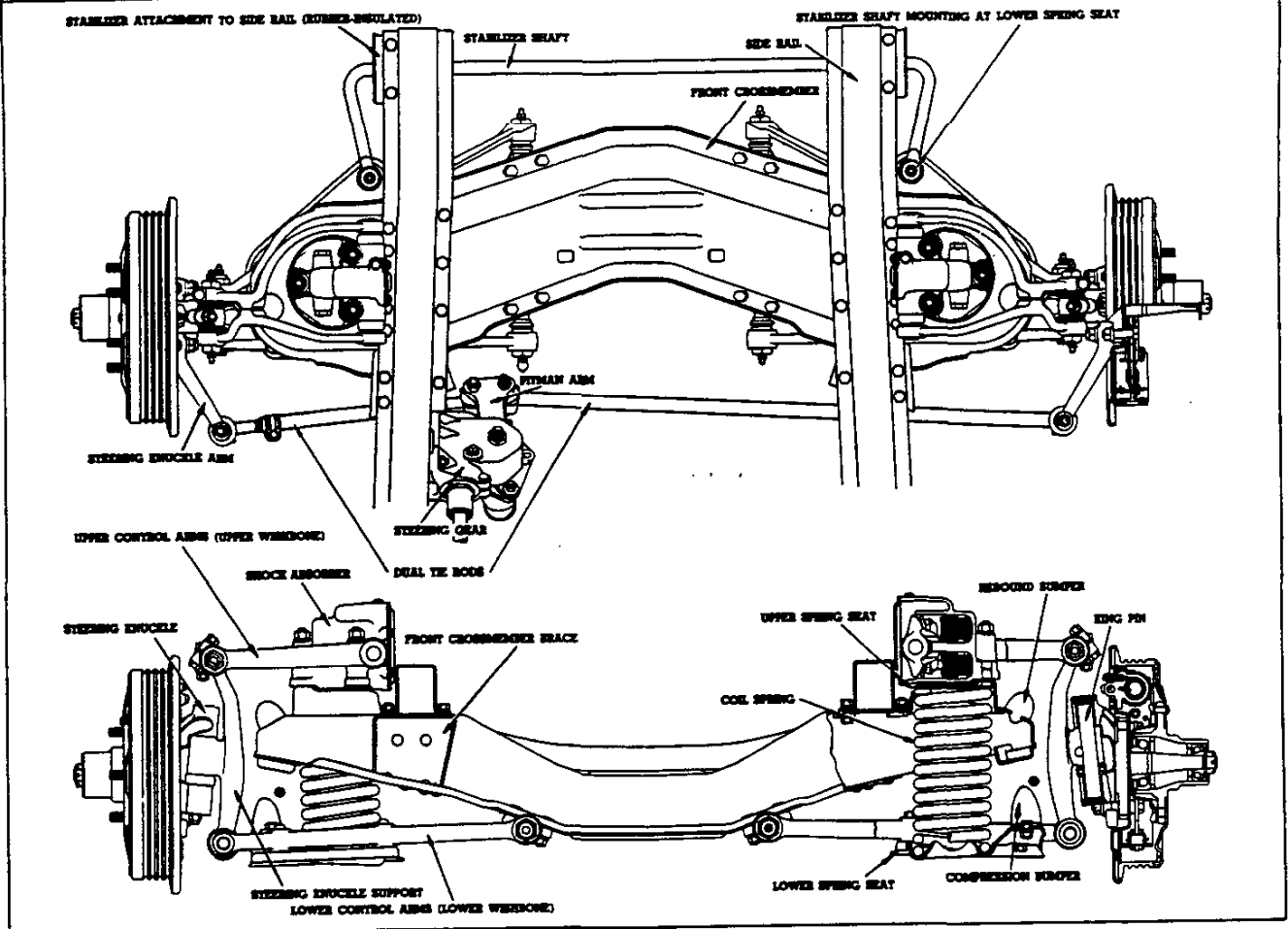
FRAME—Continued



@ - Dimension taken at intersection of spring pin hole and outside of frame. ■

8-12-40. 1-22-41: • - 160" WB School Bus removed; sheet rearranged. ■ - Note added.
♦ - Was 27-1/2". = - Propeller shaft guards added.

KNEE ACTION FRONT SUSPENSION—SPECIAL DELUXE AND MASTER DELUXE



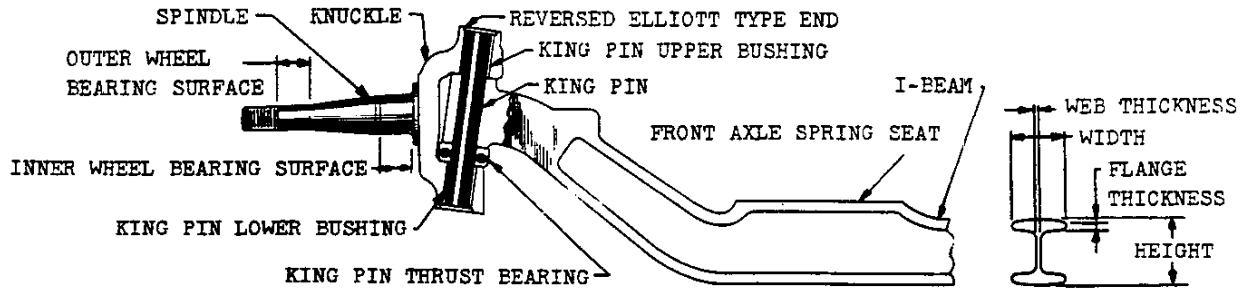
SPRING	
Type	R.H. Helical Coil
Material	Silicon-Manganese Steel
Gauge (Dia.)	.576" - .580"
Number of coils	11-1/6
Outside diameter	4-3/8"
Pitch diameter (theo.)	3.781"
Free length	14-1/16"
Working length	9-17/32" at 1350#
Deflection rate	300#/inch
Frequency	Gurb load 73
Cycles/min.	Full load 71

WHEEL TRAVEL		
For steering	38° from neutral to stop	
Vertical	4" from normal setting to metal-to-metal position	
Ratio	1.64 to 1 (wheel to spring)	
Comparative travel of wheel and spring	Wheel Travel	Spring Travel
	In vertical path 4" from normal setting position at rate of 111#/inch	Spring travels 2-7/16" at rate of 300#/inch

HEARINGS		UPPER CONTROL ARMS			LOWER CONTROL ARMS				
		PIVOT BOLT	Pt.BUSH.	Rr.BUSH.	PIVOT BOLT	BOLT BUSH.	SHAFT BUSH.	SHAFT ENDS	
Type		Threaded							
Material-Carbon steel		Hardened	File hard surface		Hardened	File hard surface		Hardened	
T h r e a d s	Type	Ends	11 P, Single		11 Pitch, Single				
		Center	14 P, Double						
	Major Dia.	Front	.644"-.662"■		.738"-.756"		.774" min.	.889" min.	.853"-.859"
		Center	.976"-.980"◆		.724"-.742"				
		Rear	.644"-.662"■		.714"-.732"				
Mounting		Clamp lock			Self locking			Bolted	
Seal		Synthetic rubber, self sealing							

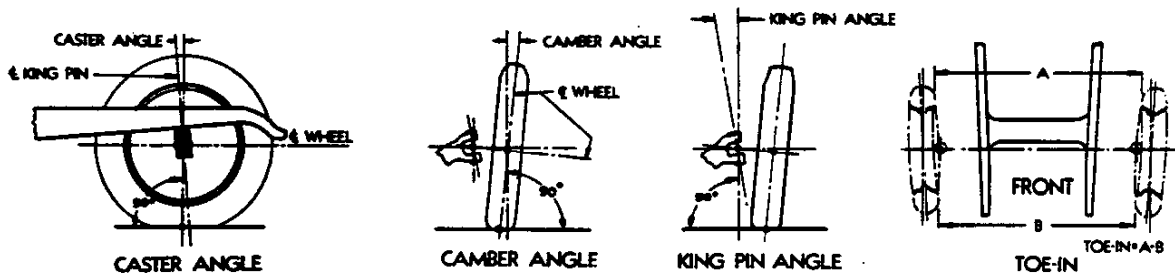
8-12-40. 1-22-41: ● - Bumper position revised. ■ - Was .644"-.652". ◆ - Was .967"-.971".

FRONT AXLE



ITEM	PASSENGER & COMMERCIAL CARS	CONVENTIONAL TRUCKS				COE TRUCKS
		LIGHT DELIVERY	3/4 T & 3/4 TS	HEAVY DUTY & SCHOOL BUS* Regular Axle	RPO Axle	
Type	Reversed Elliott	Reversed Elliott - Modified I-beam Section				
Rated Capacity:	2000#	2200#	2500#	3500#	4500#	4200#
I-beam (Average dimensions) ♦	Height	Steering knuckle support				
	Width	2-3/32" ♦	2-17/64" ♦	2-3/8" ♦		2-5/8" ♦
	Flange thickness	1-23/32" ♦	1-13/16" ♦	5/16" ♦		7/16" ♦
	Web thickness	7/32" ♦	1/4" ♦	11/32" ♦		1/4" ♦
King pin	Material	Case hardened steel				
	Diameter	.8660" - .8665"		.9210" - .9214"	1.1085" - 1.1095"	
King pin bushings	Material	Upper	Bronze			
		Lower	Bronze			Clevite #8
	Inside diameter	.867" - .868"		.922" - .923"	1.1095" - 1.1105"	
	Length	1-5/16"		1-17/64"	1-11/32"	
King pin thrust brg.	Part number	Chevrolet #373476		Chev. #365309	Chev. #121461	
	Location	Below axle				
Wheel bearings	Inner	New Departure #909052	N.D. #909026		Hyatt #173241	
	Outer	New Departure #909001	N.D. #909025		Hyatt #173238	
Spindle diameter	Inner bearing	1.2801" - 1.2806"		1.4051" - 1.4056"	1.5618" - 1.5623"	
	Outer bearing	.7490" - .7495"		.8427" - .8432"	.9368" - .9373"	

FRONT WHEEL ALIGNMENT (SERVICE DIMENSIONS)

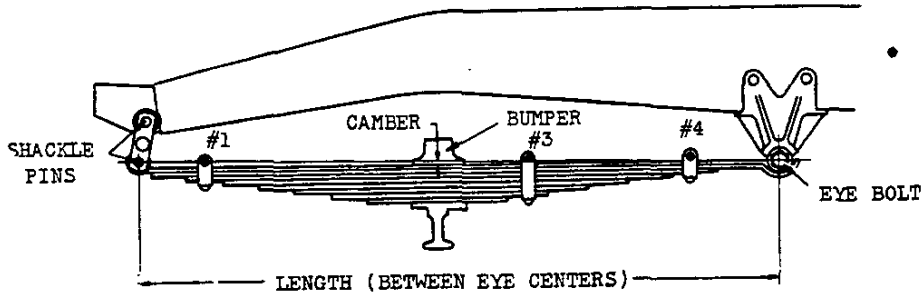


ITEM	PASSENGER & COMMERCIAL CARS	CONVENTIONAL TRUCKS		CAB OVER ENGINE TRUCKS
		LIGHT DELIVERY & 3/4 TON SPECIAL	HEAVY DUTY & SCHOOL BUS* REGULAR & RPO AXLES	
King pin angle	4-3/4° ± 30'	7°-10' ± 1°		8° ± 1°
Camber	-15' ± 30'	1° ± 30'		
Caster	0° ± 30'	1°-45' ± 30'	2°-45' ± 30'	3° ± 30'
Toe-in	0" to 1/16"	5/64" to 1/8"		
Toe-out on turns	Outside Wheel	20°		
	Inside Wheel	24° ± 2°	23° ± 2°	

8-12-40. 1-22-41: Sheet reorganized. ♦ - 160" WB School Bus removed; RPO axle made available for CHD trucks. ♦ - Dimensions revised.

FRONT SUSPENSION

CONVENTIONAL TRUCK TYPES



SPRING CLIP TYPES

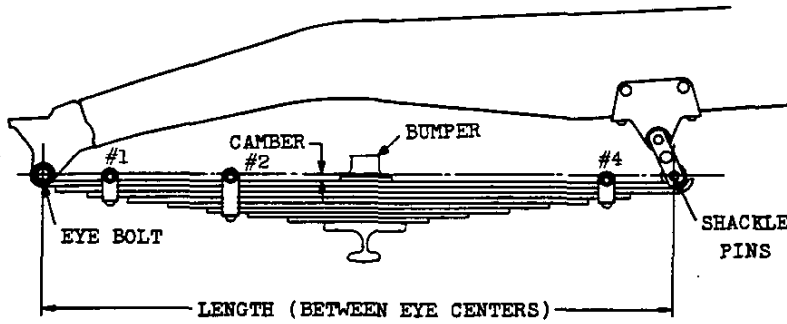


BOLT



CLINCH

CAB OVER ENGINE



SPRING LEAF END TYPES



FLAT

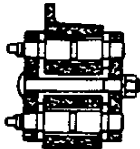

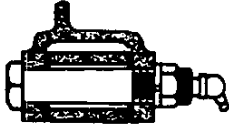
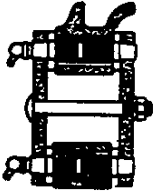

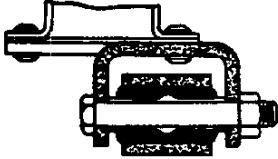
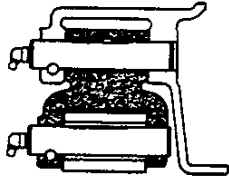

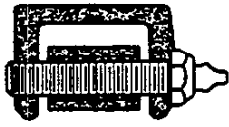



CURLED DOWN

ITEM	CONVENTIONAL TRUCKS & SCHOOL BUS				CAB OVER ENGINE TRUCKS	
	LIGHT DELIVERY	3/4 T & 3/4 TSS	3/4 TSL & CHD	SCHOOLBUS & RPO on CHD		
Type	Semi-elliptic					
Material	Chromium steel					
Number of leaves	7	8	7	9	8	
Thickness of leaves	#1	.237"	.237"	.291"	.291"	
	#2					
	#3					
	#4	.214"	.291"	.291"	.291"	
	#5					
	#6					
	#7	.194"	.262"	.291"	.291"	
	#8					
	#9					
Total thickness	1.487"	1.902"	2.037"	2.619"	2.328"	
Length x width	36" x 1-3/4"			40" x 2"		
Camber (Av.)	5/8"	9/16"	1-3/16"	39/64"	7/16"	
Load at camber height (Av.)	775#	805#	1000#	1550#	1225#	
Deflection rate (Av.)	260#/"	275#/" at 350-650# 365#/" at 850-1150#	475#/"	640#/"	575#/"	
Leaf end type	Flat					
Spring clip type	#1	Clinch		Bolt		
	#2					Bolt
	#3	Clinch	Bolt			
	#4	Clinch		Bolt		

8-12-40. 1-22-41: Revisions. 4-7-41: ● - Was SCHOOL BUS only. ■ - Was 43/64"

FRONT SPRING MOUNTING

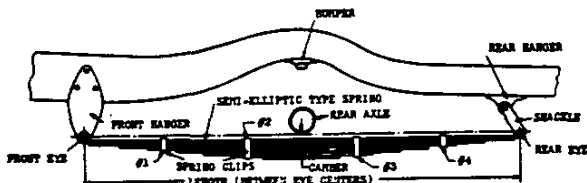
SHACKLE TYPES	SPRING EYE TYPES	EYE BOLT AND BUSHING TYPES
 PLAIN H	 BERLIN EYE 1/2 WRAPPED	 PLAIN
 THREADED H	 OVERHUNG	 RUBBER BUSHED
 CLEVIS	 UNDERSLUNG (REVERSED)	 THREADED
 UNDERSLUNG (REVERSED) FULL WRAPPED		

ITEM	CONVENTIONAL TRUCKS AND SCHOOL BUS ●			CAB
	LIGHT DELIVERY	3/4 T AND 3/4 TSS	3/4 TSL, CHD AND SCHOOL BUS ●	OVER ENGINE TRUCKS
Front eye type	Overhung ■			
Rear eye type	Berlin eye 1/2 wrapped			Overhung 1/4 wrapped
Shackle	Location	At front		
	Type	Threaded H		
Shackle Pins	Material	Carbon steel, file hard case		
	Diameter	.623" P.D. 11 threads, plated		
Eye Bolt	Material	Carbon steel, file hard case		
	Diameter	.683"		
	Type	Screwed into hanger		
Front bushing	Material	Carbon steel, file hard case		Bronze ◆
	Size	.631" P.D. 11 threads x 1-3/4"	.631" P.D. 11 threads x 2"	.687" x 1-15/16"
	Type	Threaded for shackle pin		
Rear bushing	Material	Bronze		
	Size	.687" x 1-11/16"	.687" x 1-15/16"	.631" P.D. 11 thds. x 2"
	Type	Plain		
Spring-axle assembly	Two U-bolts per spring			
Spring	Material	H.R. Steel, hardened		
U-bolt	Diameter	1/2"		5/8"
Bumper material	Spring bumper rubber			
Spring mounting	8°-4'		7°-49'	
Spring centers	26-13/16"			

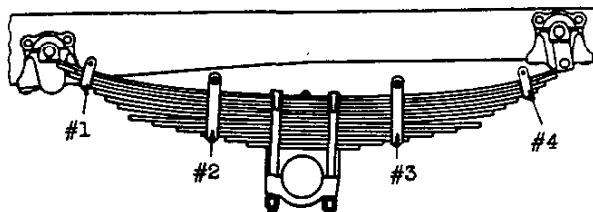
8-12-40. 1-22-41: ● - 160" WB School Bus removed. ■ - Was overhung, 1/8 wrapped on COE models.
 ◆ - COE was same as others.

REAR SUSPENSION

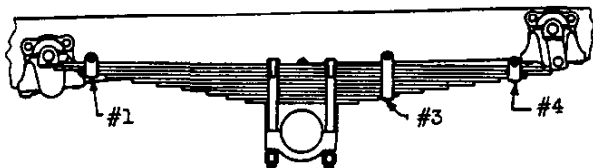
PASSENGER CAR, COMMERCIAL CAR, & LIGHT DELIVERY TRUCK TYPE SPRING



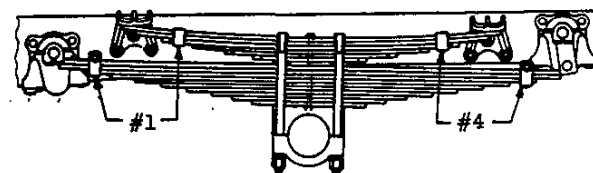
SCHOOL BUS & RPO PROGRESSIVE ACTION SPRING (RPO ON CHD & COE)



3/4 TON, 3/4 TON SPEC., CHD & COE TRUCK SPRING



CHD, COE & SCHOOL BUS RPO AUXILIARY SPRING



ITEM	PASS. & COMM. CARS					TRUCKS & SCHOOL BUS •					
	PCH, TS, SS, CPEB, CPE2*, CPE4*, CBL*	CPE2, CPE4, CBL	Sedan Delivery	Station Wagon ■	Light Delivery	3/4 Ton	3/4 Ton Special	CHD & COE, except panel @	CHD Panel & RPO One Ton	SB & RPO prog. action spring	CHD, COE & School Bus RPO auxiliary spring
Type	Semi-elliptic										
Material	Chromium steel					Silicon-manganese steel					
No. of leaves	8	7	8	8	8	7	8	10	8	11	6
Thickness of leaves	#1	.237"	.237"	.237"	.237"	.291"	.291"	.323"	.291"	.323"	.323"
	#2										
	#3										
	#4										
	#5										
	#6	.214"	.214"	.237"	.262"	.323"	.323"	.323"	.360"		
	#7										
	#8										
	#9										
	#10										
	#11										
Total thickness	1.804"	1.590"	1.896"	1.996"	2.328"	2.133"	2.424"	3.230"	2.424"	3.775"	1.938"
Length	49"				54-1/8"	46"				31" ∅	
Width	1-3/4"				2"		2-1/2"				
Camber (Av.)	5/8" negative				1/2"	9/16"	1-29/32"	25/32"	1-9/16"	1-3/8"	None
Load at camber height (Av.)	920#	825#	1050#	1287#	1150#	1400#	1650#	3250#	2250#	4000#	Engages at 1900#
Av. deflection	115#/"	108#/"	145#/"	165#/"	190#/"	A	B	770#/" •	C	D	1530#/"
Leaf end type	Tapered					Flat					
Spring clip type	#1	Clinch				Bolt			Clinch		
	#2	None			Clinch	None		Bolt		None	
	#3	Clinch				Bolt		None		Bolt	
	#4	Clinch				Bolt			Clinch		
Spring covers	Yes				None						

* - With RPO 18" wheels. @ - Used on 134-1/2" Panel with RPO dual wheels. ∅ - Between bracket centers. A - 250# at 200-600#; 370# at 1200-1600#. B - 315# at 250-700#; 435# at 1400-1800#. C - 360# at 300-700#; 525# at 2000-2500#. D - 550# at 1000-2000#; 1000# at 3500-4500#.

8-12-40, 1-22-41: Sheet rearranged. • - 160" WB School Bus removed. ■ - Was same as Sedan Delivery.

◆ - Was 800#/"

REAR SPRING MOUNTING											
ITEM	PASS. AND COMM. CARS		TRUCKS AND SCHOOL BUS •								
			LIGHT DELIVERY		3/4 T, 3/4 TS		CHD, SB & COE				
Front eye type	Overhung										
Rear eye type	Overhung										
Shackle	Location	At rear									
	Type	Threaded H				Clevis-2 bushings .876 I.D. x 1-1/8"•					
Shackle pins	Material	Carbon steel, file hard case									
	Diameter	.623" P.D. 11 threads, plated				.875"					
Eye bolt or pin	Material	Carbon steel, hardened	Carbon steel, file hard case								
	Diameter	.502"	.683"		.875"						
	Type	Plain	Screws into hanger			Plain					
Front bushing	Material	Rubber and steel	Bronze			Carbon steel					
	Size	.505" Min. I.D. x 2.405"	.687" I.D. x 1-11/16"		.878" I.D. x 1.990"		.878" I.D. x 2.490"				
	Housing	Stl. 1-5/32" O.D. x 2"	None								
	Type	Rubber bushed	Plain								
Rear bushing	Material	Carbon steel, file hard case			Carbon steel						
	Size	.631" P.D., 11 threads x 1-3/4"			.878" I.D. x 1.990"		.878" I.D. x 2.490"				
	Type	Threaded for shackle pin			Plain						
Spring-axle attachment	2 U-bolts to rubber bushed seat on housing		2 U-bolts to metal seat and cap around housing								
			Oscillating seat		Fixed seat						
Spring U-bolt	Material	Carbon steel, hardened									
	Diameter	1/2"							5/8"		
Spring bumper	Rubber on frame		Rubber on spring			Rubber on frame					
Spring mounting	Parallel		5° included angle			Parallel					
Spring centers	47-1/4"		42-1/2"					42"			

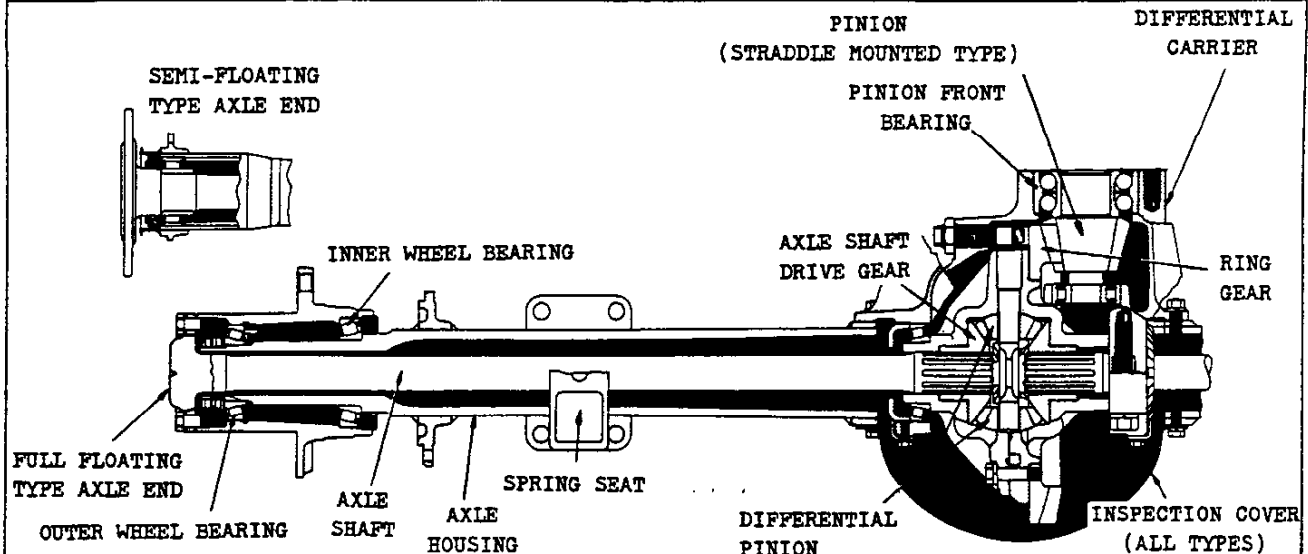
SHOCK ABSORBERS										
ITEM	PASS. AND COMM. CARS		TRUCKS AND SCHOOL BUS •							
			LT. DEL.		3/4 TON		3/4 TS		CHD, SB & COE	
	Front	Rear	Fr.	Rr.	Fr.	Rr.	Fr.	Rr.	Fr.	Rear
Regular Shock Absorbers	Make	Delco-Hydraulic								
	Type	Double acting End-to-end discharge			Single acting Conventional					
	Valve	Bumper	Ad - .5	D - .5	None					
	Code #	Rebound	1.5 D	.7J•	4CG	3CG	4CG	3CG	4CG	
	Piston dia.		1-1/2"							
RPO Shock absorbers	Make	Delco-Hydraulic								
	Type	Double acting								
	Valve	Bumper	None							
	Code #	Rebound	G2	G2	G2	G0	G2	G0	G2	G0
	Piston dia.		2J	2G	2J	1J	2J	1J	2J	1J
		1-1/2"								
		1-3/4"								

RIDE STABILIZER										
ITEM	PASSENGER AND COMMERCIAL CARS		TRUCKS AND SCHOOL BUS •							
			LIGHT DELIVERY *		3/4 TON, 3/4 TS, CHD, SB & COE					
Type	Torsion bar in rubber bushing									
Mounting	Bolted to lower front spring seat				Bolted to front spring					
	None									
Material	Carbon steel - tempered									

* - With suburban and panel bodies and chassis with cowl, flat face and with windshield.

8-12-40. 1-22-41: • - 160" WB School Bus removed. • - Was .7F. ♦ - Clevis added.

REAR AXLE



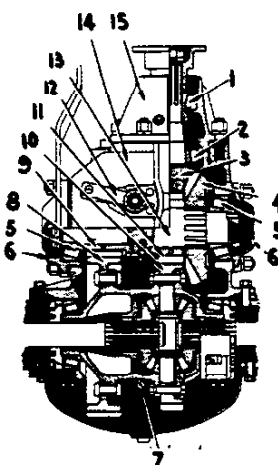
ITEM	PASSENGER & COMMERCIAL CARS				TRUCKS & SCHOOL BUS								
			LIGHT DELIVERY		3/4 T & 3/4 TS		CHD & SB		CHD		COE		
	Regular	RPO	3-Speed trans.	4-Speed trans.	3-Speed trans.	4-Speed trans.	Regular	RPO	Regular	RPO	Regular	RPO	
Type	Semi-floating						Full floating						
Gross rating	3000#		3300#		3900#		10,300#						
Housing type	Pressed steel banjo. Two pieces welded together along seam.						Banjo. Formed from one piece welded steel tube.						
Final gears	Type	Spiral hypoid											
	Ratio	4.11	3.73	4.11		4.55		6.17	5.43	6.17		5.43	
	Teeth	37-9	41-11	37-9		41-9		37-6	38-7	37-6		38-6	
Gear back lash	.005"-.007"				.005"-.008"								
Pinion	Mounting	Overhung						Straddle					
	Adjustment	Shims and tapered collar						None					
	Front bearing	New Departure #905306						New Departure #954237					
	Rear bearing	Hyatt #125630						Hyatt #144553					
Thrust	Against front pinion bearing												
Differential type	Two pinion						Four pinion						
Diff. side bearing	Hyatt #127861		Hyatt #187434				Hyatt #148399						
Wheel bearing	Hyatt #111119		Hyatt #111121		Hyatt #178298		Inner-Hyatt #144527 Outer-Hyatt #144525						
Axle shaft	Type	Drive flange at wheel end forged integral with shaft											
	Min. dia.	63/64"			1-5/32"				1-7/16"				
Drive torque	Through torque tube						Through springs						
Total gear reduction @	1st	12.09	10.97	12.09	29.02	13.38	32.12	43.56	38.34	43.56	38.34		
	2nd	6.91	6.27	6.91	14.30	7.64	15.83	21.47	18.89	21.47	18.89		
	3rd	4.11	3.73	4.11	7.03	4.55	7.78	10.55	9.28	10.55	9.28		
	4th	- - -	- - -	- - -	4.11	- - -	4.55	6.17	5.43	6.17	5.43		
	Rev.	12.09	10.97	12.09	28.69	13.28	31.76	43.07	37.90	43.07	37.90		
Axle shaft torque \$ (ft. lb.)	1st	1726	1566	1726	2656 ϕ	1911	2656 ϕ	6226 *	5475 *				
	2nd	987	895	987	2042	1091	2260	3067 *	2697 *				
	3rd	587	533	587	1006	650	1111	1506 *	1325 *				
	4th	- - -	- - -	- - -	587	- - -	650	881 *	775 *				
	Rev.	1726	1566	1726	2656 ϕ	1911	2656 ϕ	6150 *	5412 *				

@ - Rear axle ratio x transmission ratio. \$ - Total gear reduction x engine max. net torque x 85%. ϕ - Maximum. * - Multiply by 1.08333 for RPO 235.5 cu. in. engine.

8-12-40. 1-22-41: Data revised and sheet reorganized.

TWO-SPEED REAR AXLE (RPO HEAVY DUTY TRUCK EQUIPMENT)

GENERAL DATA			
Type		Double reduction, full-floating	
Gross rating		11,000#	
Housing type		Banjo. From one-piece seamless steel tube	
Final gear ratios		5.64 to 1 high, 8.22 to 1 low	
Drive torque		Through springs	
Differential		Four-pinion type	
Diff. brgs.	Brg. No.	Chevrolet #3651552	
	Adjust.	Adjusting nut & lock	
Axle shafts	Type	Drive shaft at wheel end forged integral with shaft	
	Min. dia.	1-9/16"	
	Splines	16 - 1-3/4" O.D.	
Wheel brgs.	Inner	Hyatt #144527	
	Outer	Hyatt #144525	



PART NAMES	
1-Pinion Front Bearing	
2-Pinion Rear Bearing	
3-Spiral Drive Pinion	
4-Spiral Drive Gear	
5-Pinion Shaft Bearings	
6-Bearing Covers	
7-Differential Case	
8-Low Speed Gear	
9-Low Speed Pinion	
10-High Speed Gear	
11-High Speed Pinion	
12-Shifter Lever	
13-Double Reduction Pinion Shaft	
14-Differential Carrier	
15-Pinion Bearing Case	

PRIMARY DRIVE GEARS			DOUBLE REDUCTION DRIVE GEARS		
Type	Spiral bevel		High speed	Type	Helical spur
Ratio	2.375 to 1			Teeth	16-38 (2.375 to 1 ratio)
Back-lash	.006" to .012"		Low speed	Type	Helical spur
Back-lash adj.	Shims at pinion bearing cage			Teeth	13-45 (3.462 to 1 ratio)
Pinion	Teeth	8	Pinion shaft bearings	Left	Chevrolet #3651553
	Mounting	Overhung		Right	Chevrolet #3651554
	Ft. brg.	Chevrolet #3651518		Adjust.	Shims; slight drag
	Rr. brg.	Chevrolet #3651551		Material	Alloy steel, hardened
Gear	Teeth	19	Shifter bushing	In. dia.	.8115"-.8125"
	Mounting	Tapered splines			

TOTAL GEAR REDUCTIONS •			MAXIMUM AXLE SHAFT TORQUE (FT.LB.) \$•				
Transmission gears	Ratio		Transmission gears	5.64 to 1		8.22 to 1	
	5.64 to 1 ratio	8.22 to 1 ratio		CHD	COE	CHD	COE
First	39.82	58.03	First	5686¢		8277¢	
Second	19.63	28.60	Second	2803¢		4084¢	
Third	9.64	14.06	Third	1376¢		2008¢	
Fourth	5.64	8.22	Fourth	805¢		1174¢	
Reverse	39.37	57.37	Reverse	5622¢		8192¢	

\$ - Total gear reduction x engine max. net torque x 85%.

¢ - Multiply by 1.08333 for RPO 235.5 cu.in. engine.

SPEEDOMETER GEARS •

Only regular equipment or RPO equipment which involves changing speedometer gears is listed.

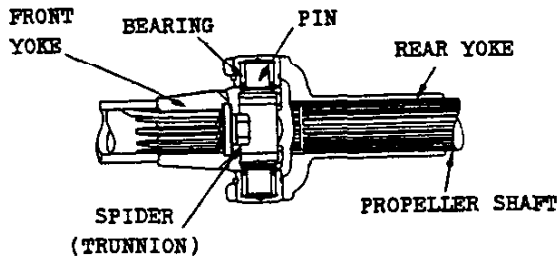
		PC, CC, LD & 3/4 TS with reg. equipment; LD & 3/4 TSS with RPO 4-speed transmission	3/4 Ton Trucks with regular equipment	Conventional and COE Heavy Duty Trucks & School Buses with regular equipment	PC & CC with RPO 3.73:1 rear axle or with RPO 18" wheels & regular 4.11:1 rear axle	3/4 T with 4-speed trans.; CHD & COE with RPO 5.43:1 or RPO 2-speed rear axles @
Pitch	Drive	18.629	30	22	22.403	
	Driven					
Teeth	Drive	4	6	4	5	4
	Driven	12	19	15	14	13
Material		Carbon steel-file hard surface				

@ - With 2-speed rear axle, an adapter is installed to change the speedometer gear reduction from 3.25:1 for the 5.64:1 axle ratio to 2.22:1 for the 8.22:1 axle ratio.

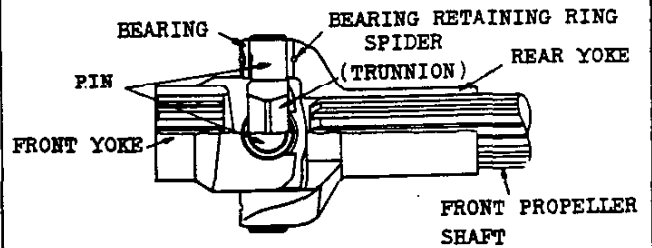
8-12-40. 1-22-41: • - Data revised. Sheet reorganized.

UNIVERSAL JOINTS AND PROPELLER SHAFTS

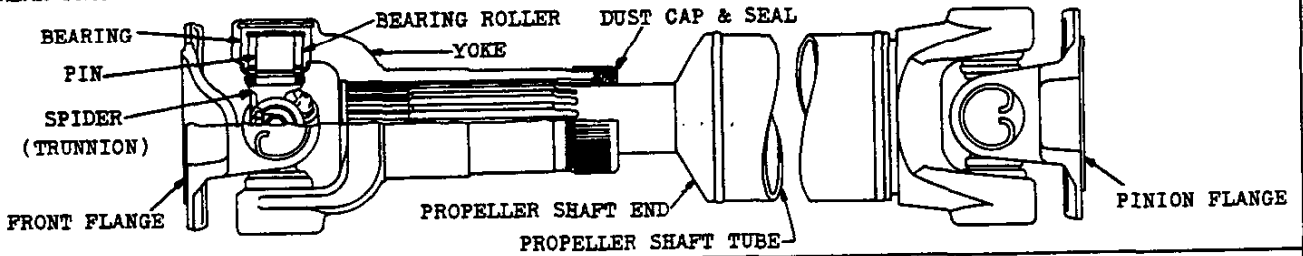
PASSENGER & COMMERCIAL CARS & LIGHT DELIVERY TRUCK



3/4 TON FRONT U-JOINT



REAR PROPELLER SHAFT & U-JOINTS (3/4 T, 3/4 TS, CHD, COE & SB)



ITEM	PASS. & COMM. CARS	TRUCKS & SCHOOL BUS							
		LT. DEL.	3/4 TON & 3/4 TSS	109-1/8" COE	134-1/2" CHD, 132-5/8" COE	LC LCOE	SCHOOL BUS		
UNIVERSALS	Type	Yoke and Spider							
	Number	1		3			4		
	Location	Ft	Transmission						
		Int	None		2nd CM	None	2nd Cross Member	3rd CM	**
		Rr			Rear Axle				
	Trun. Mat.	Drop-forged steel-hardened							
	Pin Dia.	Ft	.5277"	.7165"					
		Int	None		.7387"				
		Rr							
	Bearing Type	Ft	Needle Bearing	Bushing					
		Int	None		Needle Bearing				
		Rr							
	R.I.*	Ft	.1039"	.7185"					
		Int	None		.0956"				
		Rr							
G Eff. S Lng.	Ft	.455" min.	.656"						
	Int	None		.580" min.					
	Rr								
PROPELLERS	Number	1		2	1	2		3	
		Type	Ft	None		Solid	None		Tubular
			Int	None					
	Rr		Tubular						
	O.D.	Ft	None		1-11/32"	None		2.5"	
		Int	None		None		None		2.5"
		Rr	2.000"	2.060"	3.000"		2.5"		
	Wall Thick.	Ft	None		Solid	None		.083"	
		Int	None						.083"
		Rr	.065"	.095"	.083"				
	Type of Ends	Ft	None		Spline	None		Front end, U joint. Rear end, spline.	
		Int	None						***
Rr		Spline		Front end, U joint. Rear end, spline.					

* - I.D. on plain bushings. ** - 1st intermediate on 3rd CM; 2nd intermediate on 4th CM.
 *** - Front end, U joint; rear end, spline.

1-22-41.

BRAKES										
ITEM		PASS. & COMM. CARS	TRUCKS & SCHOOL BUS							
			LIGHT DELIVERY	3/4 TON	3/4 TSS	3/4 TSL	CHD & SB	COE		
Service brake type		Hydraulic, 4 wheel, internal expanding, double articulated shoe								
Hand brake type		Mechanical pull rods and cables operate 2 shoes in each rear brake								
Brake drum	Type	Composite (Cast iron rim and cooling ribs, pressed steel web)								
	Dia-meter	Front	11"				14"			
		Rear	11"		14"		16"			
Brake lining	Material	Full-moulded								
	Width	Front	1-3/4"				2"			
		Rear	1-3/4"		2"		3"			
	Thick-ness	Front	.187"-.194"				.243"-.250"		.265"-.272"	
		Rear	.187"-.194"		.265"-.272"		.243"-.250"		.265"-.272"	
	Clear-ance	Front	Adjust to slight drag. Back off 4 notches							
Rear		Same as front			Adjust to slight drag. Back off 2/3 screw turn					
Lining area (total eff.)	Serv. brake	158-1/4 sq.in.			194-1/2 sq.in.		330-1/4 sq.in.			
	Hand brake	79-1/8 sq. in.			115-3/8 sq.in.		214-3/4 sq.in.			
Braking pressure	Front	52-1/2%			45-1/4%		41%			
	Rear	47-1/2%			54-3/4%		59%			
Braking ratio (approx.)	Pedal	4.63:1	5.10:1	7.62:1	6.11:1	8.27:1				
	Hydraulic	11.9:1		7.61:1	8.84:1	9.75:1				
	Av. overall	55.1:1	60.6:1	57.9:1	67.4:1	54.0:1	59.6:1	61.1:1		
Foot pedal	Travel	6-11/32"	6-1/2"	7-3/4"						
	Mounting	With main cylinder to frame	With main cyl. to trans. & clutch housing	On clutch housing				On sub-frame		
	Pad	Rubber								
Hand brake lever mounting	To cowl	To transmission				To sub-frame				

BRAKES HYDRAULIC DATA									
ITEM		PASS. & COMM. CARS	TRUCKS & SCHOOL BUS						
			LIGHT DELIVERY	3/4 TON	3/4 TON SPEC.	CHD, SB, & COE			
Wheel cyl.	Diameter	Front	1-1/4"						
		Rear	1-3/16"		1-3/8"		1-1/2"		
	Piston travel for full pedal stroke	.110"		.130"		.125"			
Main cyl.	Diameter	1"			1-1/4"				
	Piston travel for full pedal stroke	1-5/16"	1.27"	.993"	1.225"				
Brake system fluid cap.		3/4 pint approximately							
Brake fluid recommended		Delco Super #9							

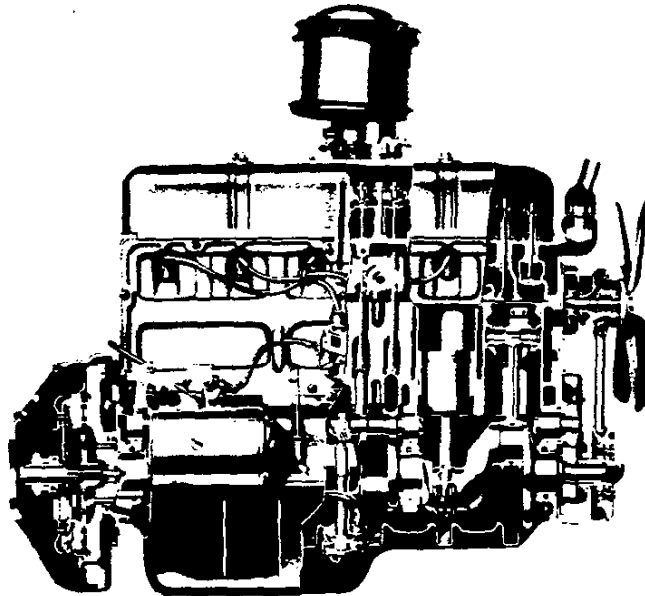
BRAKES-VACUUM BOOSTER—RPO									
ITEM		CHD, SB & COE							
Type		Single line, vacuum suspended, re-actionary valve.							
Power distribution	Pedal	15%							
	Booster	85%							
Pedal pressure @ 1000# hydraulic pressure (without booster)		228#							
Pedal pressure @ 1000# hydraulic pressure (with booster)		124#							

PROPELLER SHAFT HAND BRAKE—RPO									
ITEM		SCHOOL BUS							
Type		Double-face disc							
Brake lining size		3-7/16" inside radius x 5-7/16" outside radius x 1/4" thick x 90° arc							
Total lining area		27-7/8 sq.in.							

8-12-40. 1-22-41: Revisions. 4-7-41: • - Braking ratios changed.

ENGINE GENERAL DATA

Illustration shows passenger car engine and clutch



REGULAR ENGINE

ALL MODELS

RPO ENGINE

HEAVY DUTY TRUCKS & SCHOOLEBUS

Type	Valve-In-Head	Valve-In-Head
Cylinders	Six, in line	Six, in line
Bore	3-1/2" (3.4995"-3.5015")	3-9/16" (3.562"-3.564")
Stroke	3-3/4" (3-3/4" ± .005")	3-15/16" (3-15/16 ± .005")
Piston displacement	216.5 cu.in.	235.5 cu.in.
Compression ratio	6.5:1	6.62:1
Taxable horsepower	29.4	30.4

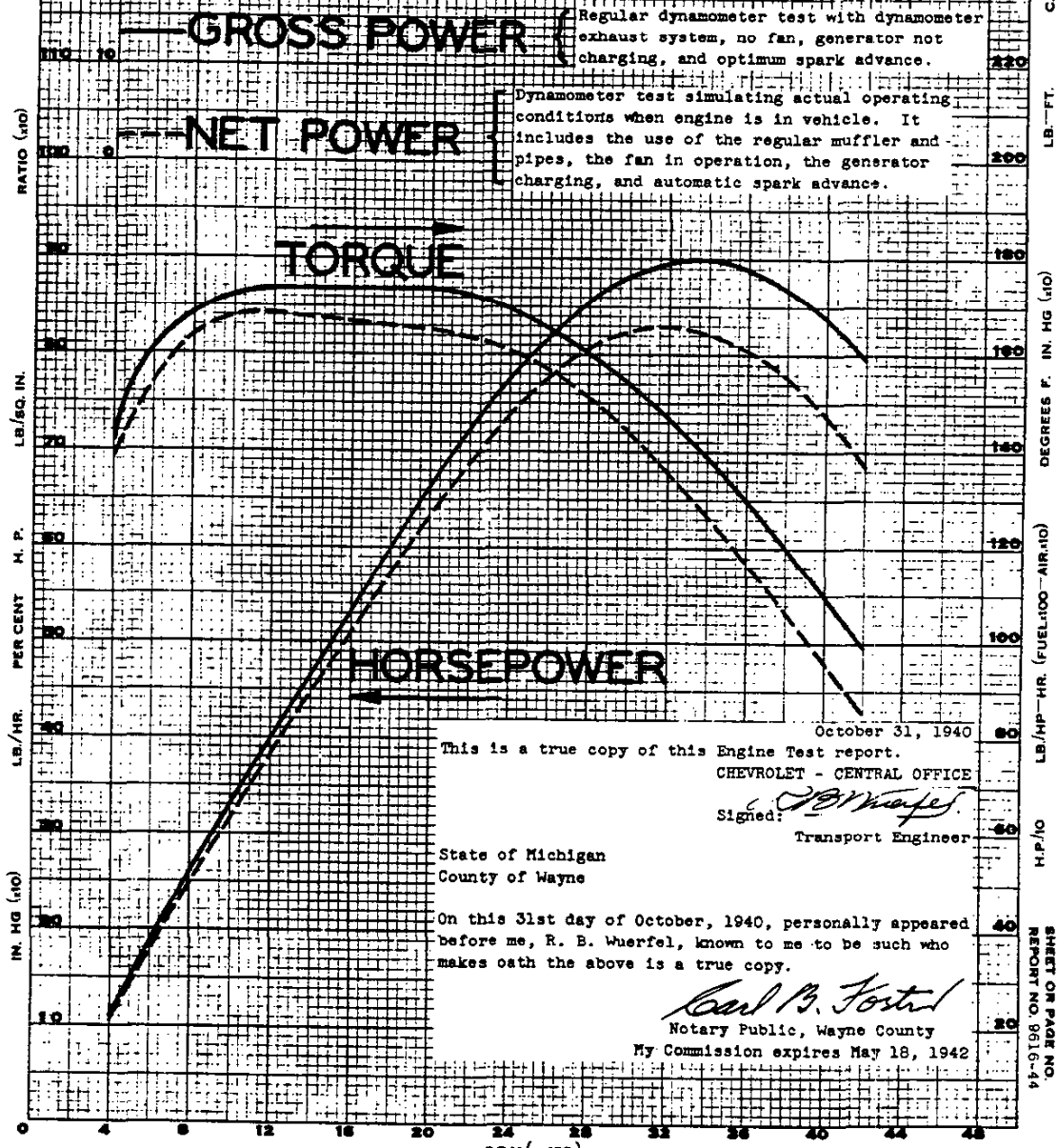
ITEM	ENGINE	PASS. & COMM. CARS	TRUCKS & SCHOOLEBUS								
			LIGHT DEL.	3/4 TON	3/4 TON SPECIAL	CHD		SB	COE		
						S.W.	D.W.		S.W.	D.W.	
Nominal max. gross horsepower	216.5 235.5	90 @ 3300 - - -	90 @ 3300					93 @ 3100		87 @ 3300*	90 @ 3100*
Nominal max. gross torque	216.5 235.5	174 @ 1200-2000 - - -	174 @ 1200-2000					192 @ 1000-1900		172 @ 1200-2000*	189 @ 1000-1900*
Nominal max. net horsepower	216.5 235.5	83 @ 3200 - - -	81.5 @ 3100					83.5 @ 3000		79 @ 3100*	80 @ 3000*
Nominal max. net torque	216.5 235.5	168 @ 1100 - - -	168 @ 1100					182 @ 1000		167 @ 1100*	179 @ 1000*
Horsepower and torque curves	216.5 235.5	Page 42 - - -	Page 43					Page 44		43A*	44A*
Eng. RPM/mi./hour in high *	216.5 235.5	51.1 - - -	51.1	54.7	49.4	62.7	65.1	62.7	62.7	65.1	
Eng. revs./mi. in high *	216.5 235.5	3066 - - -	3066	3280	2962	3764	3906	3764	3764	3906	
Piston travel in high (ft./mi.) *	216.5 235.5	1917 - - -	1917	2050	1851	2353	2441	2353	2353	2441	
Wt. clutch dry	216.5 235.5	558# - - -	563#	- - -	- - -	568#		- - -	574#	591#*	
	216.5 235.5	608# - - -	612#	615#	- - -	658#		- - -	677#*	677#*	
complete %	235.5	- - -	- - -	- - -	- - -	664#		- - -	683#*	683#*	

* - With regular equipment 6.17 axle on HD trucks and SB. D.W. = 6.00-20-6 ply tires on HD trucks, 6.50-20 (32 x 6)-8 ply tires on SB. % - Weight includes engine, clutch and transmission.
10-31-40. 1-22-41: Revisions. 5-28-41: • - Data added.

CHEVROLET 1941 PASSENGER CAR ENGINE HORSEPOWER & TORQUE GRAPH

(216.5 CU. IN. DISPLACEMENT)

These data are obtained from dynamometer test data corrected to the standard barometric pressure of 29.92" Hg. and the standard temperature of 60° F.



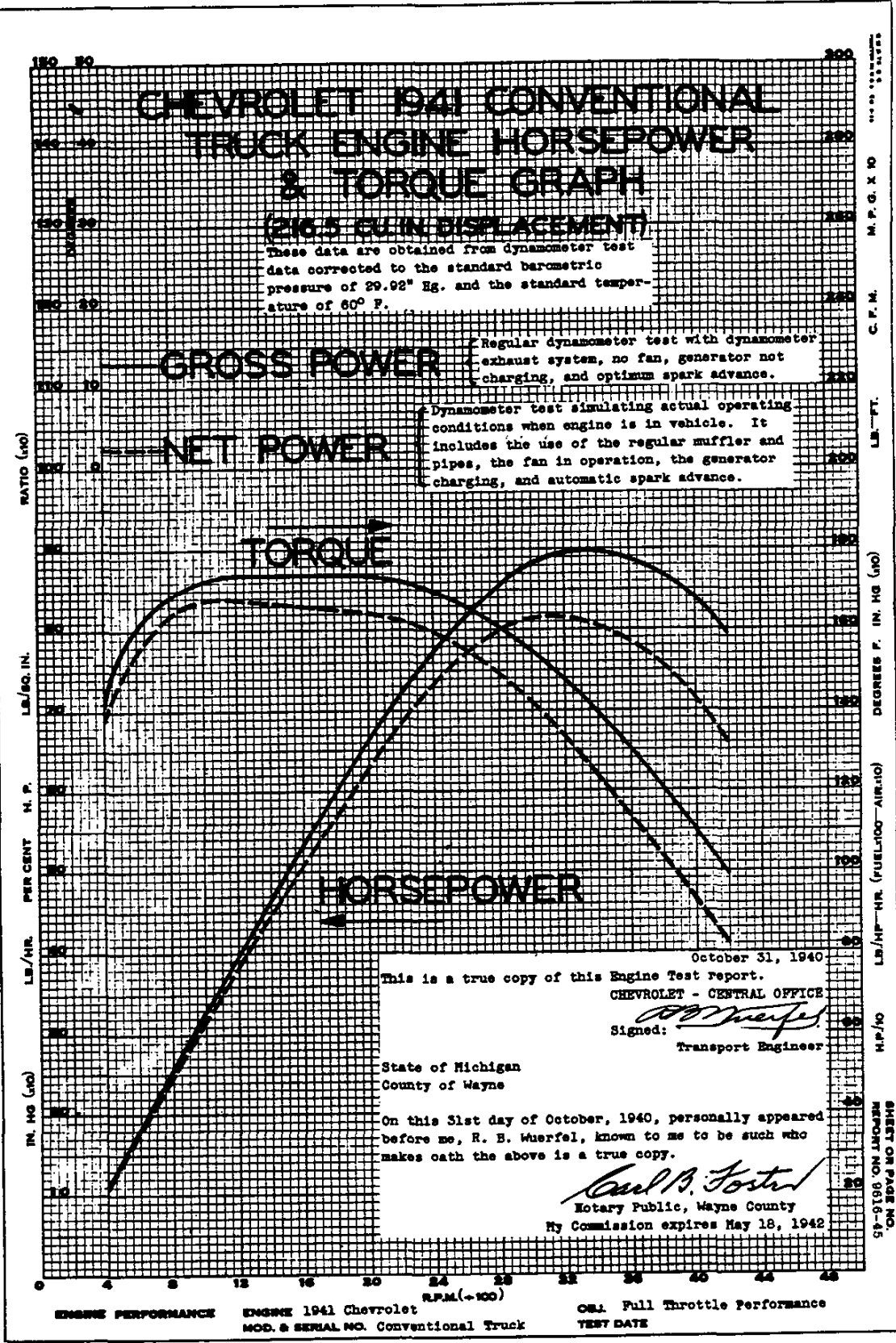
October 31, 1940
This is a true copy of this Engine Test report.
CHEVROLET - CENTRAL OFFICE
Signed: *R. B. Wuerfel*
Transport Engineer

State of Michigan
County of Wayne

On this 31st day of October, 1940, personally appeared before me, R. B. Wuerfel, known to me to be such who makes oath the above is a true copy.

Carl B. Foster
Notary Public, Wayne County
My Commission expires May 18, 1942

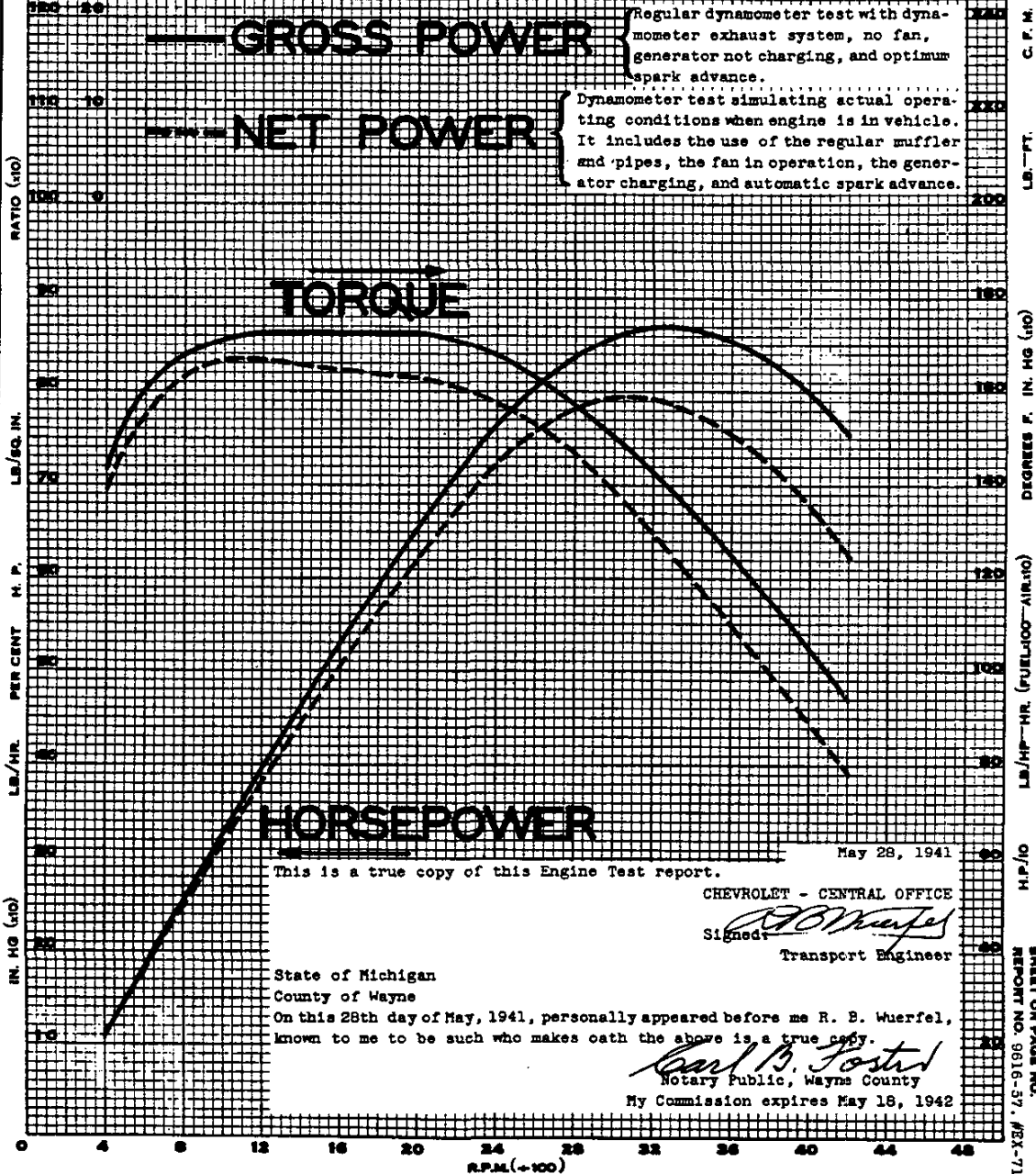
ENGINE PERFORMANCE ENGINE 1941 Chevrolet MOD. & SERIAL NO. Passenger Car OBJ. Full Throttle Performance TEST DATE



10-31-40

CHEVROLET 1941 C.O.E. TRUCK ENGINE HORSEPOWER & TORQUE GRAPH (216.5 CU. IN. DISPLACEMENT)

These data are obtained from dynamometer test data corrected to the standard barometric pressure of 29.92" Hg. and the standard temperature of 60° F.



This is a true copy of this Engine Test report.

May 28, 1941

CHEVROLET - CENTRAL OFFICE

Signed: *R. B. Wuerfel*
Transport Engineer

State of Michigan
County of Wayne

On this 28th day of May, 1941, personally appeared before me R. B. Wuerfel, known to me to be such who makes oath the above is a true copy.

Signed: *Carl B. Foster*
Notary Public, Wayne County
My Commission expires May 18, 1942

ENGINE PERFORMANCE

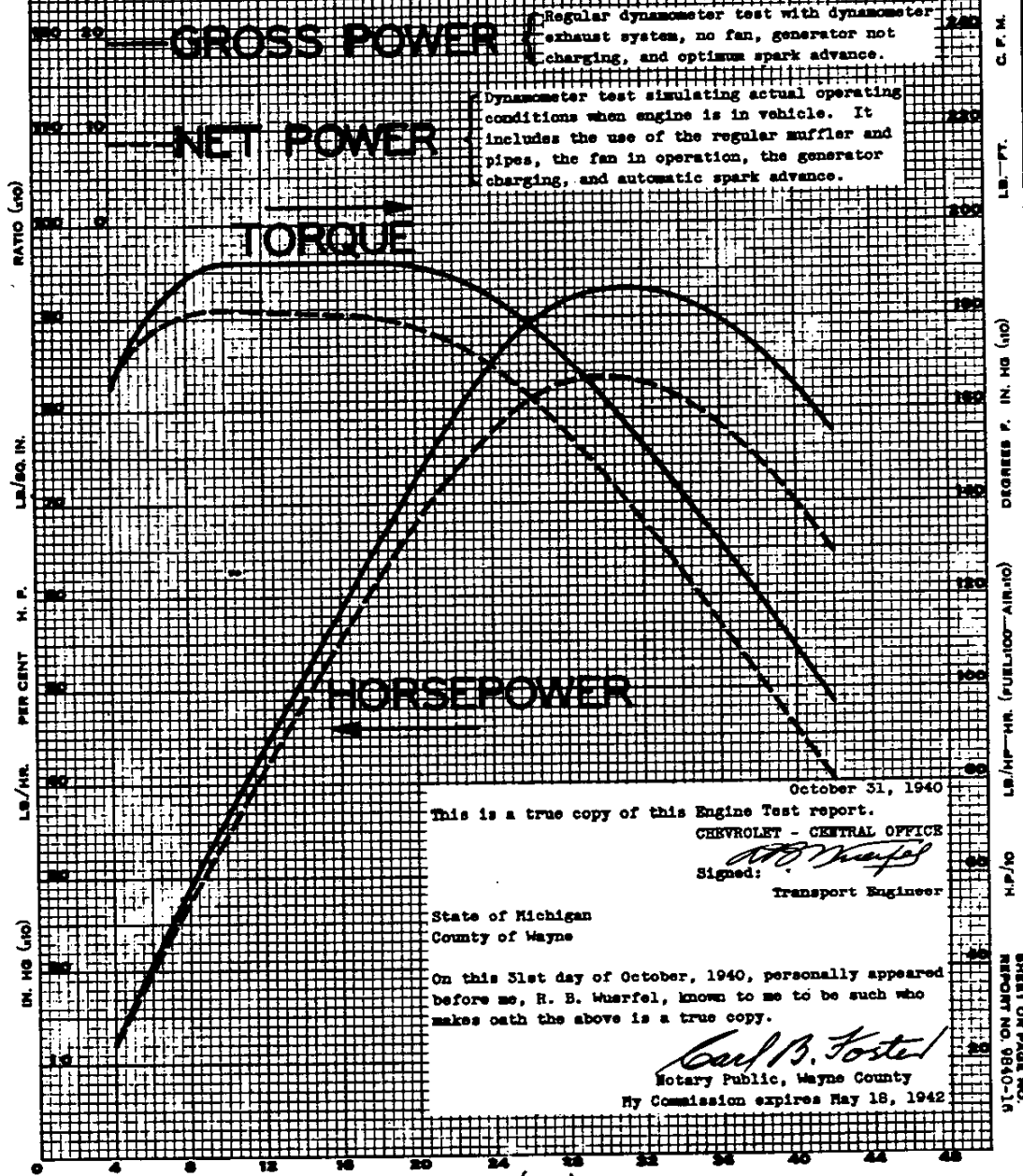
ENGINE 1941 Chevrolet
MOD. & SERIAL NO. C.O.E. Truck

Obs. Full Throttle Performance
TEST DATE

5-28-41.

CHEVROLET 1941 RPO ENGINE FOR HEAVY DUTY CONVENTIONAL TRUCK HORSEPOWER & TORQUE GRAPH (235.5 CU IN DISPLACEMENT)

These data are obtained from dynamometer test data corrected to the standard barometric pressure of 29.92" Hg. and the standard temperature of 60° F.



October 31, 1940

This is a true copy of this Engine Test report.
CHEVROLET - CENTRAL OFFICE
Signed: *R. B. Wuerfel*
Transport Engineer

State of Michigan
County of Wayne

On this 31st day of October, 1940, personally appeared before me, R. B. Wuerfel, known to me to be such who makes oath the above is a true copy.

Carl B. Foster
Notary Public, Wayne County
My Commission expires May 18, 1942

ENGINE PERFORMANCE ENGINE 1941 Chevrolet R.P.O. O.M.L. Full Throttle Performance
MOD. & SERIAL NO. Heavy Duty Conv. Truck TEST DATE

CHEVROLET 1941 R.P.O. ENGINE FOR C.O.E. TRUCKS HORSEPOWER & TORQUE GRAPH (235.5 CU. IN. DISPLACEMENT)

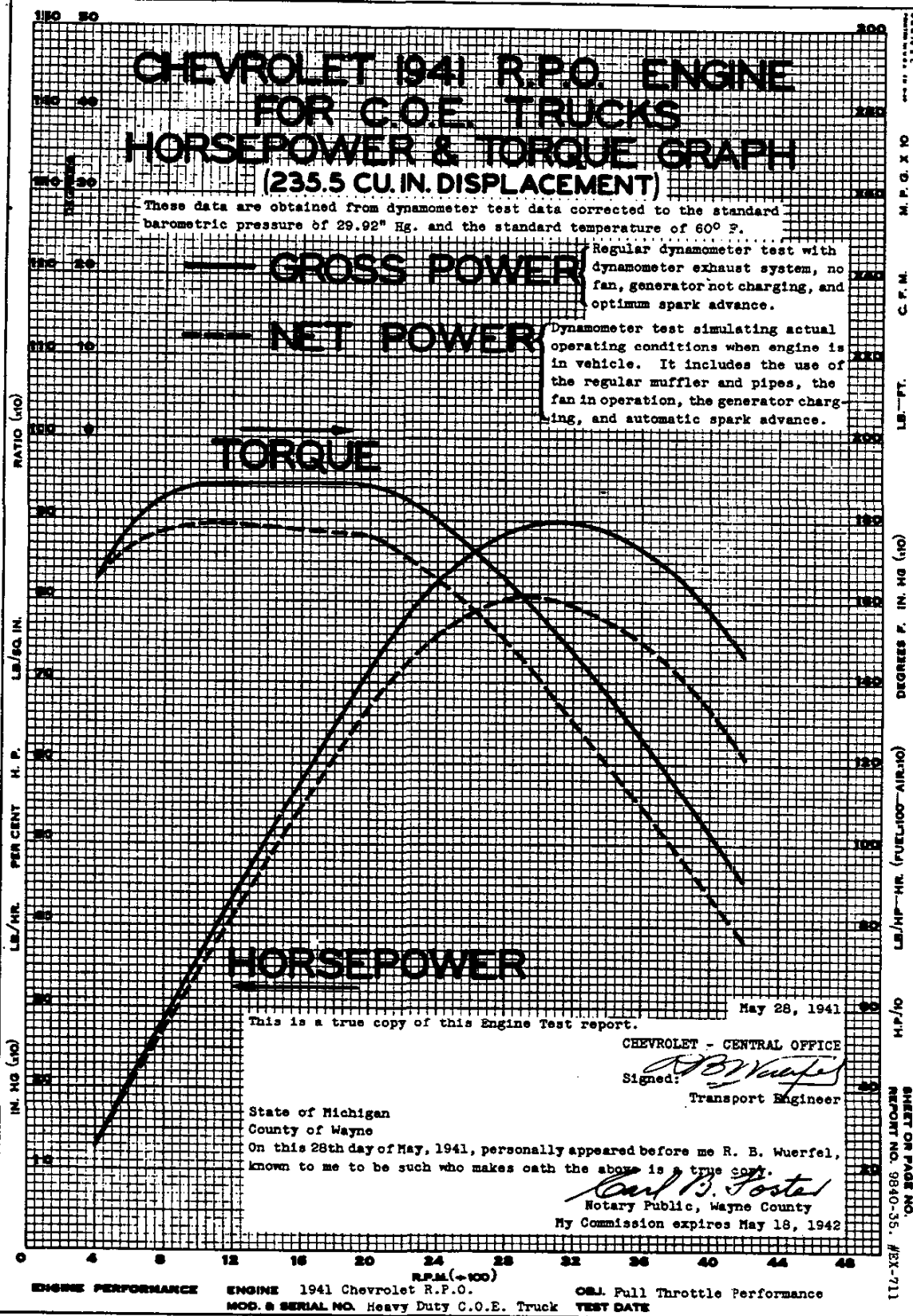
These data are obtained from dynamometer test data corrected to the standard barometric pressure of 29.92" Hg. and the standard temperature of 60° F.

— GROSS POWER

— NET POWER

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

Dynamometer test simulating actual operating conditions when engine is in vehicle. It includes the use of the regular muffler and pipes, the fan in operation, the generator charging, and automatic spark advance.



This is a true copy of this Engine Test report. May 28, 1941

CHEVROLET - CENTRAL OFFICE
Signed: *R.B. Wuerfel*
Transport Engineer

State of Michigan
County of Wayne
On this 28th day of May, 1941, personally appeared before me R. E. Wuerfel,
known to me to be such who makes oath the above is a true copy.
Carl B. Foster
Notary Public, Wayne County
My Commission expires May 18, 1942

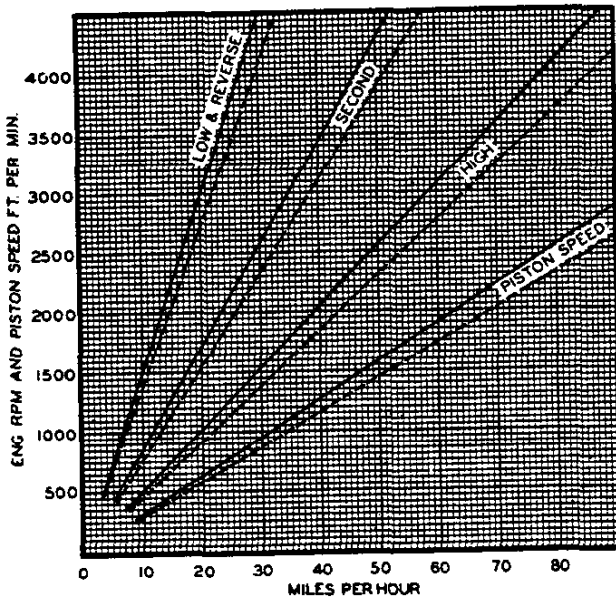
ENGINE PERFORMANCE ENGINE 1941 Chevrolet R.P.O. O.M.L. Full Throttle Performance
MOD. & SERIAL NO. Heavy Duty C.O.E. Truck TEST DATE

5-28-41.

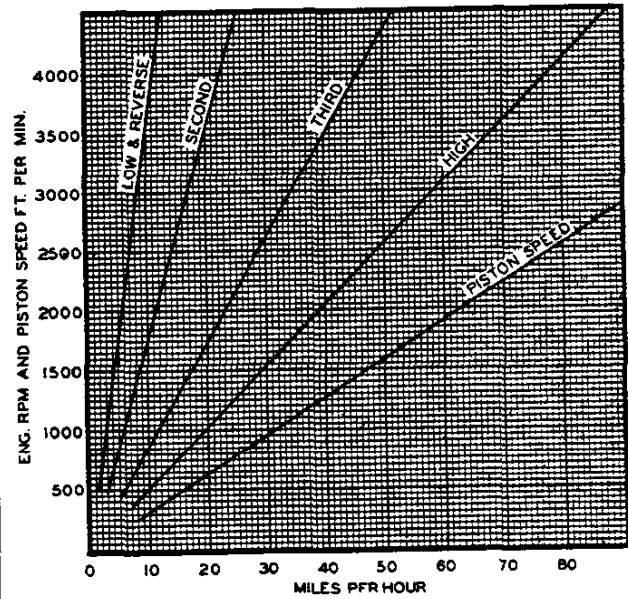
ENGINE AND PISTON SPEEDS

PASSENGER & COMMERCIAL CARS
LIGHT DELIVERY TRUCKS

3-SPEED TRANSMISSION
REAR AXLE RATIO, 4.11 to 1 ———
REAR AXLE RATIO, 3.73 to 1 - - - -
6.00-16, 4 PLY & 6.00-16, 6 PLY TIRES

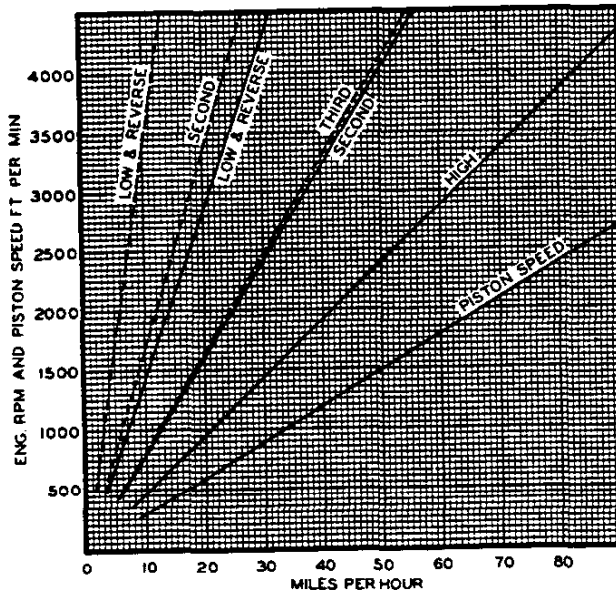


4-SPEED TRANSMISSION
REAR AXLE RATIO, 4.11 to 1
6.00-16, 4 PLY & 6.00-16, 6 PLY TIRES

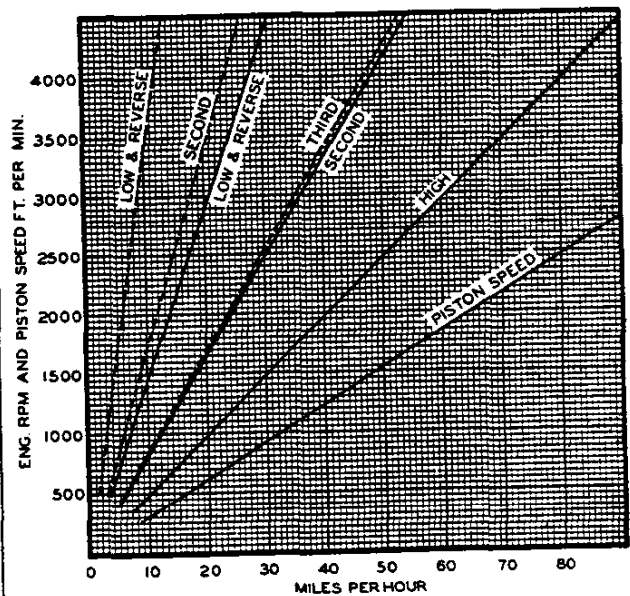


REAR AXLE RATIO, 4.11 to 1
3-SPEED TRANSMISSION ———
4-SPEED TRANSMISSION - - - -

5.50-18, 4 PLY TIRES



15" - 6 PLY TIRES



CONTINUED

8-12-40. 1-22-41: Data revised and sheet reorganized.

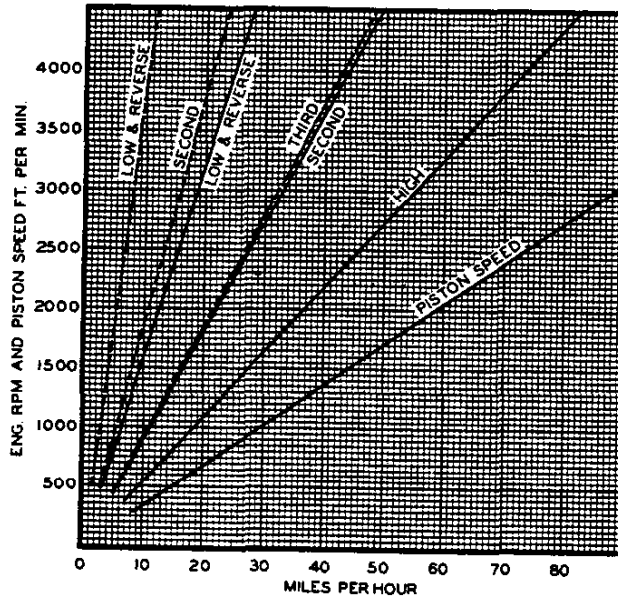
CHEVROLET 1941 SPECIFICATIONS

ENGINE-45

ENGINE AND PISTON SPEEDS—Continued

¾-TON TRUCKS

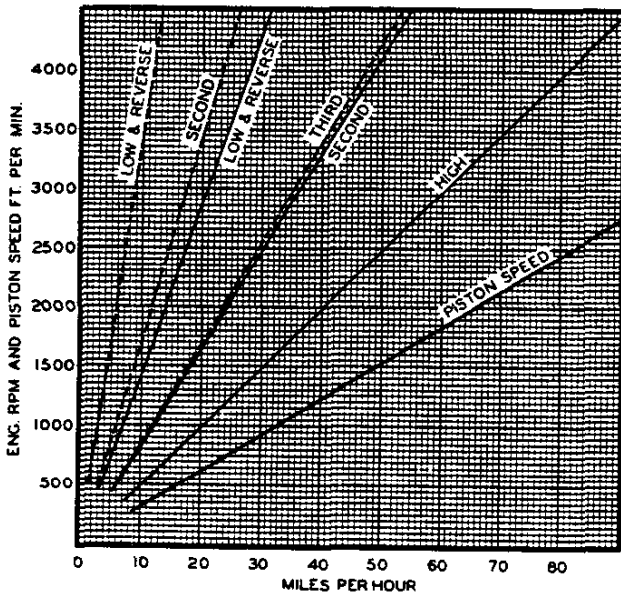
REAR AXLE RATIO, 4.55 to 1
 3-SPEED TRANSMISSION ———
 4-SPEED TRANSMISSION - - - -
 15"-6 PLY TIRES



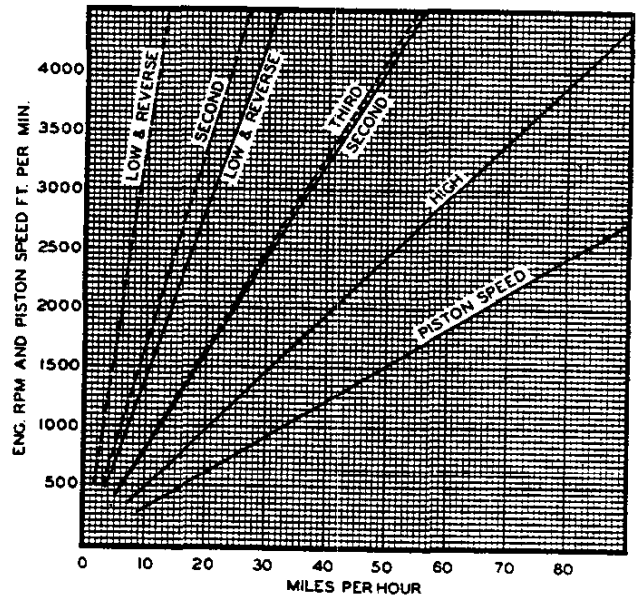
¾-TON SPECIAL TRUCKS

REAR AXLE RATIO, 4.55 to 1
 3-SPEED TRANSMISSION ———
 4-SPEED TRANSMISSION - - - -

7.00-17, 6 PLY TIRES
 7.00-17, 8 PLY TIRES



7.50-17, 8 PLY TIRES



CONTINUED

8-12-40. 1-22-41: Data revised and sheet reorganized.

ENGINE AND PISTON SPEEDS—Continued

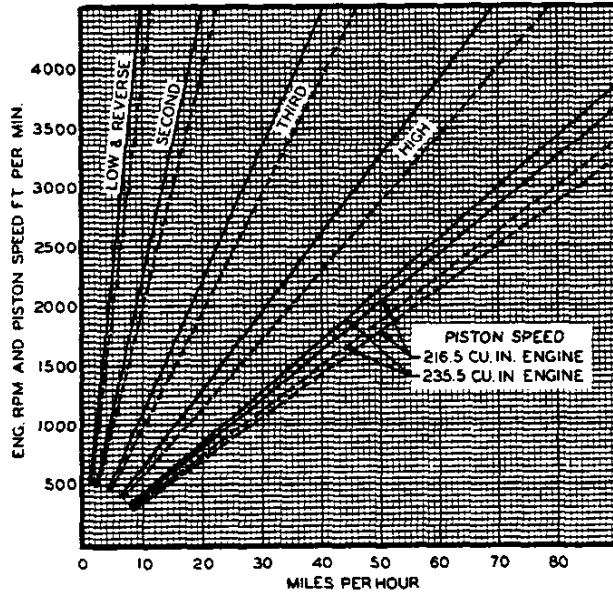
CONVENTIONAL HEAVY DUTY & CAB-OVER-ENGINE TRUCKS

4-SPEED TRANSMISSION WITH CONVENTIONAL REAR AXLE

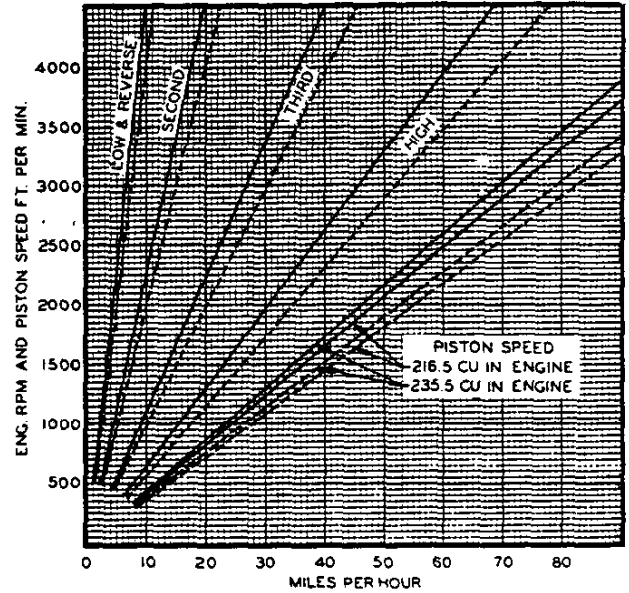
REAR AXLE RATIO, 6.17 to 1 ———

REAR AXLE RATIO, 5.43 to 1 - - - - -

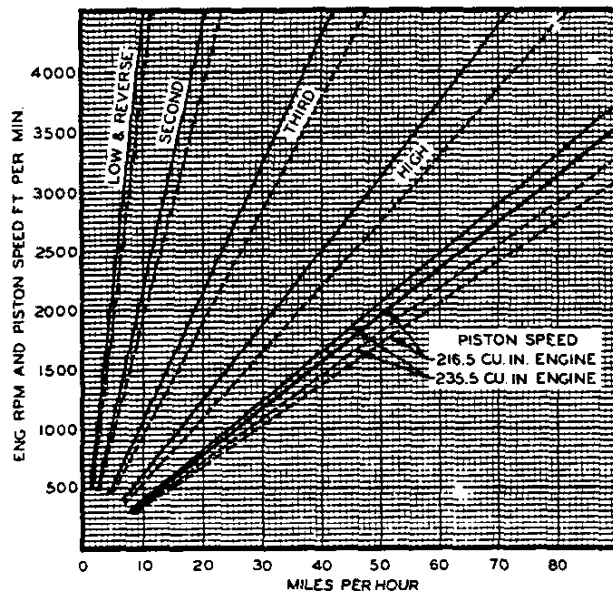
6.00-20, 6 PLY TIRES



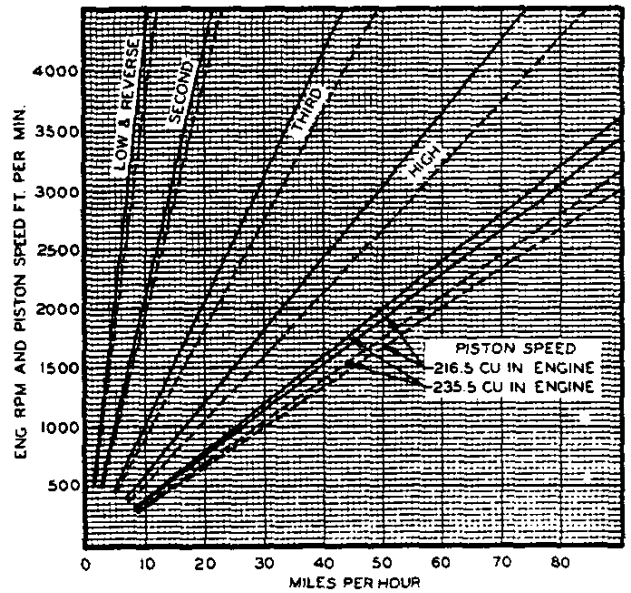
30 x 5, 6 PLY TIRES
6.00-20 (30 x 5), 8 PLY TIRES



6.50-20, 6 PLY TIRES
6.50-20 (32 x 6), 8 PLY TIRES



7.00-20, 8 PLY TIRES
7.00-20 (32 x 6), 10 PLY TIRES



CONTINUED

8-12-40. 1-22-41: Data revised and sheet reorganized.

ENGINE AND PISTON SPEEDS—Continued

CONVENTIONAL HEAVY DUTY TRUCKS
CAB-OVER-ENGINE TRUCKS

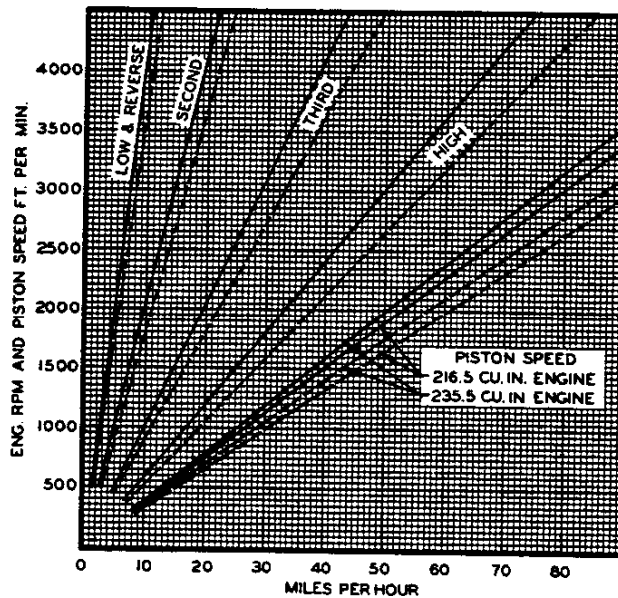
4-SPEED TRANSMISSION WITH
CONVENTIONAL REAR AXLE

REAR AXLE RATIO, 6.17 to 1 ———

REAR AXLE RATIO, 5.43 to 1 - - - -

7.50-20, 8 PLY TIRES

7.50-20 (34 x 7), 10 PLY TIRES



CONTINUED

8-12-40. 1-22-41: Data revised and sheet reorganized.

CHEVROLET 1941 SPECIFICATIONS

ENGINE—48

ENGINE AND PISTON SPEEDS—Continued

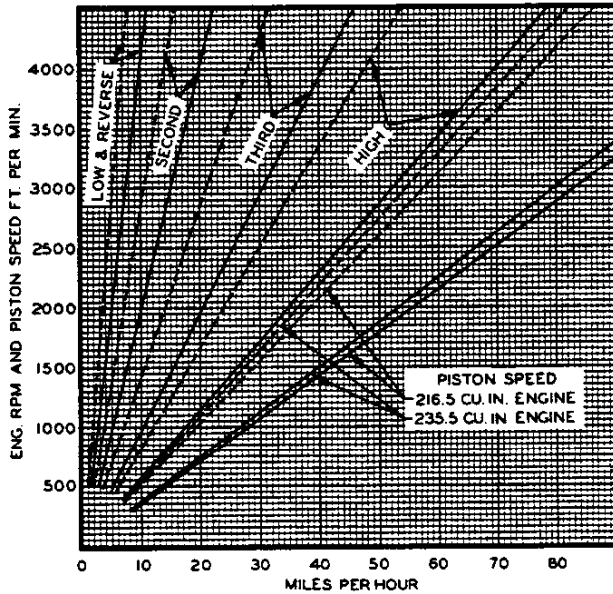
CONVENTIONAL HEAVY DUTY & CAB-OVER-ENGINE TRUCKS

4-SPEED TRANSMISSION WITH RPO 2-SPEED REAR AXLE

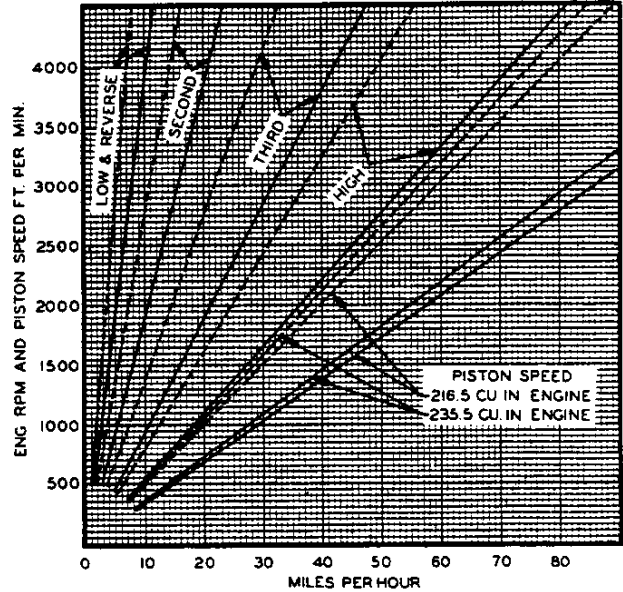
HIGH SPEED GEAR RATIO, 5.64 to 1 ———

LOW SPEED GEAR RATIO, 8.22 to 1 - - - -

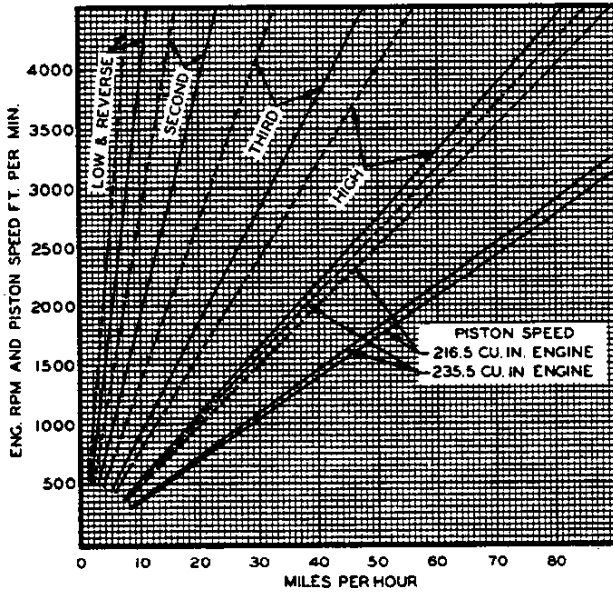
6.50-20 (32 x 6), 8 PLY TIRES



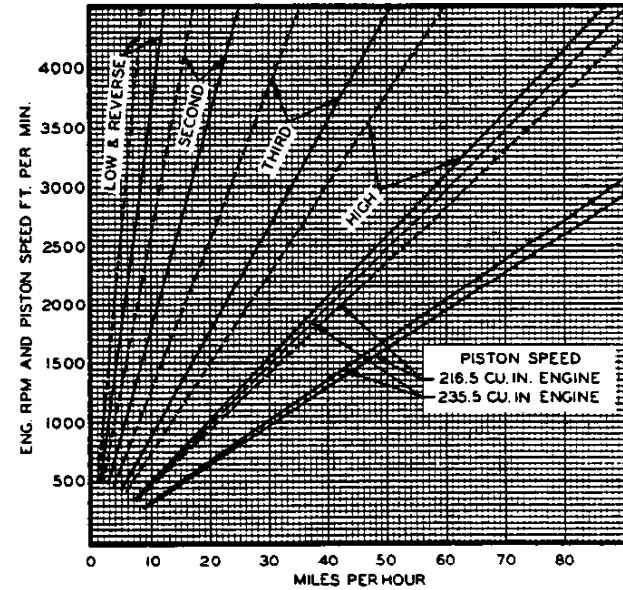
7.00-20, 8 PLY TIRES
7.00-20 (32 x 6), 10 PLY TIRES



7.50-20, 8 PLY TIRES
7.50-20 (34 x 7), 10 PLY TIRES

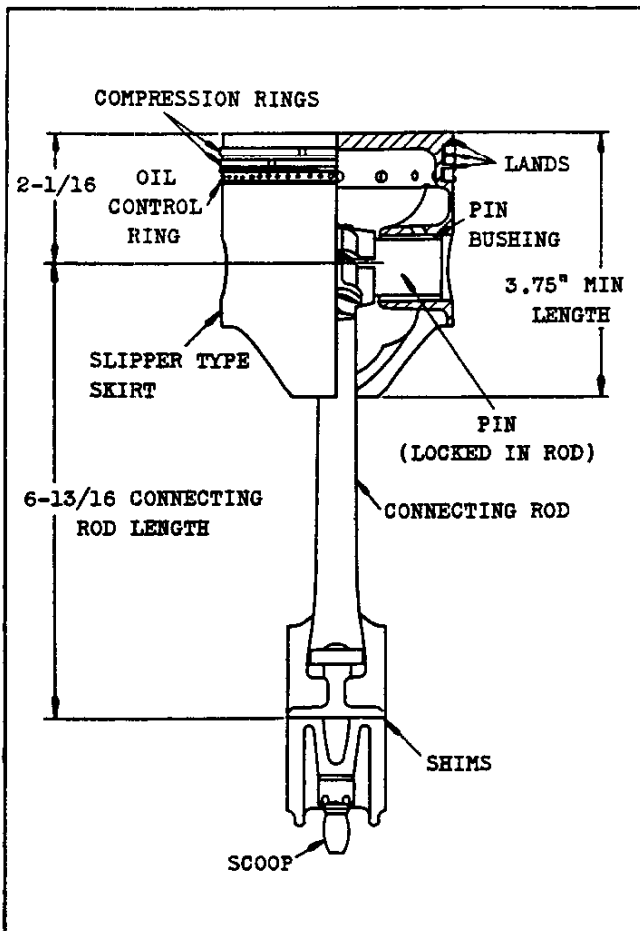


8.25-20, 10 PLY TIRES



8-12-40. 1-22-41: Data revised and sheet reorganized.

PISTONS



PISTONS

Type Slipper skirt
 Material Cast alloy iron, tin plated
 Dia. clearance at lands Selective fit ●●
 Compression ring groove depth151"-.166"
 Dia. clearance at skirt Selective fit ●●
 Oil ring groove depth172"-.184"
 Oil ring groove holes 14, 5/32" drill
 Side wall min. thick.-Pass.&Comm. .0347"-.0447"
 -Trucks & SB .. .040"-.050"
 Head thickness180"-.190"
 Pin bushings-type Pressed in piston
 -material Cast bronze
 -O.D.983"-.984"
 -length (each) 15/16"
 -finish Diamond bore
 -weight (each)06#
 Weight of piston and bushing 1.68# (PC & CC), 1.82# (Trucks & SB, 216.5 cu. in. eng), 1.89# (Trucks & SB, 235.5 cu.in. eng.) ●●
 Weight of piston, bushings, rings, pin and connecting rod upper end x 6 15.48# (PC & CC), 16.32# (Trucks & SB, 216.5 cu.in. eng.), 16.74# (Trucks & SB, 235.5 cu.in. eng.) ●●

PISTON PINS

Material Chromium steel-file hard case
 Diameter8645"-.8650"
 Length 3.135"-.3.165"
 Taper limit in full length0002"
 Weight (each)32#
 Clearance in bushing Slip fit

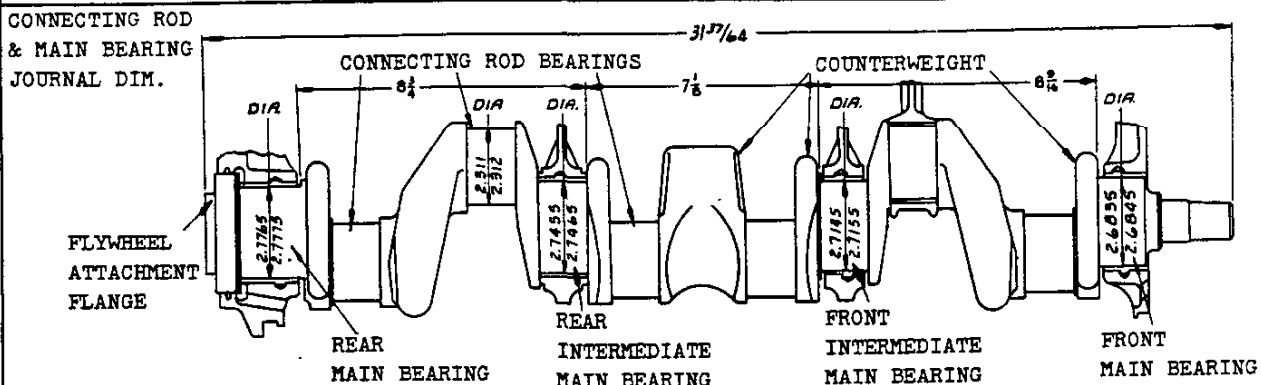
PISTON RINGS	COMPRESSION	OIL CONTROL
Material	Cast alloy iron	
Type	Plain	Drilled =
Number	2	1
Arrangement	Upper two rings	Under compression rings
Width	.1235"-.1240"	.1860"-.1865"
Wall thickness	.155" max.	.155" max.(216.5 eng.), .160"(235.5 eng.)■
Gap clearance	.005"-.015"	.005"-.015"
Ring clearance in groove	.0015"-.003"	.002"-.0035"
Weight (each)	.05 lbs.	.06 lbs.

CONNECTING RODS

<p>Type Pin clamped in rod Material Drop forged steel Crank pin diameter 2.311"-2.312" Crank pin length 1.4985"-1.5015" Width at piston pin 1-1/8" Lower end brg.-type Centrifugally cast -diameter 2.3130"-2.3135" -length 1-1/2" ◆ -material Babbitt -finish Diamond bore -clearance on dia. Selective fit ●●</p>	<p>Total lower end bearing area- Projected 20.71 sq. in. ◆ Circumferential 65.06 sq. in. ◆ Shims-type & material ... Aluminum alloy & brass Weight conn. rod.assy.(each) 1.92# ▼ Upper end (each)42# ▼ Lower end (each) 1.50# ▼ Total rotating weight (lower end x 6) 9.00# ▼ Connecting rod assembly center of gravity from wrist pin center 5.322" * Connecting rod end play004"-.012"</p>
---	---

8-12-40. 1-22-41: ● -Weights revised. ■ - 235.5 cu.in. eng. data added. ◆ - Actual values replace "effective" values. ▼ - Weights revised. * - Was 5.273". = - Was "drilled or slotted".
 ●● - Was .0147"-.0183". ■■ - Was .0017"-.0023". ◆◆ - Was .001"-.0025"

CRANKSHAFT



GENERAL DATA

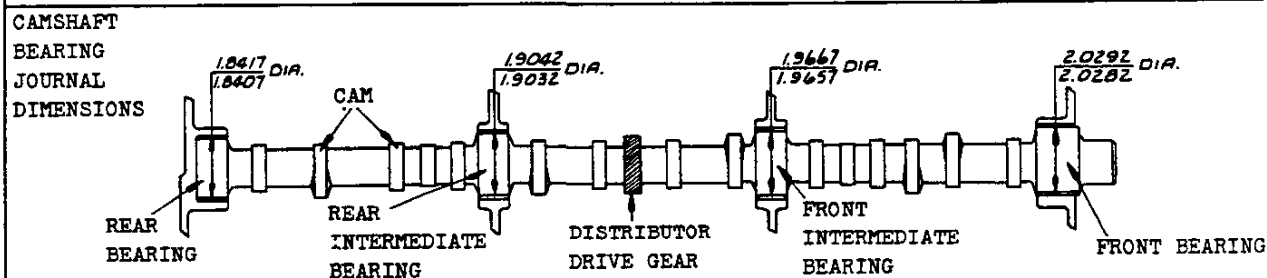
Bearings 4
 Counterweights 7
 Material Drop-forged steel
 Weight 68#
 Offset None
 End play004"-.007"
 Harmonic balancer type Oscillating
 Crankshaft pulley dia. 6-1/32"
 Crank pin journal width 1.4985"-1.5015"

MAIN BEARINGS

Type Removable
 Material Steel-backed babbitt
 Clearance Selective fit
 Thrust taken Rear intermediate bearing
 Total bearing area:
 Projected 13.41 sq.in.
 Circumfer'1. 42.13 sq.in.
 Shim-type Solid
 -material Alloy aluminum & brass

MAIN BEARING SIZES	FRONT	FRONT INTERMEDIATE	REAR INTERMEDIATE	REAR
Inside diameter	2.6865"-2.6875"	2.7175"-2.7185"	2.7485"-2.7495"	2.7795"-2.7805"
Total length (brg.)	1-3/16"	1-3/16"	1-7/16"	1-5/8"
Total length (shaft)	1-15/32"	1-7/16"	1-7/16"	1-29/32"

CAMSHAFT



GENERAL DATA

Material Drop-forged steel
 Drive type Gear
 Drive gear material Bakelite & fabric comp.
 Crankshaft gear material Steel
 End play Free - .003" max.
 Camshaft ramp0111" inlet, .014" exh.

CAMSHAFT BEARINGS

Number 4
 Thrust taken on Front bearing
 Clearance on dia.0015"-.0035"
 Total bearing area-Projected 7.64 sq.in.
 -Circumferential.. 24.0 sq.in.
 Minimum diameter of shaft 1-3/32"

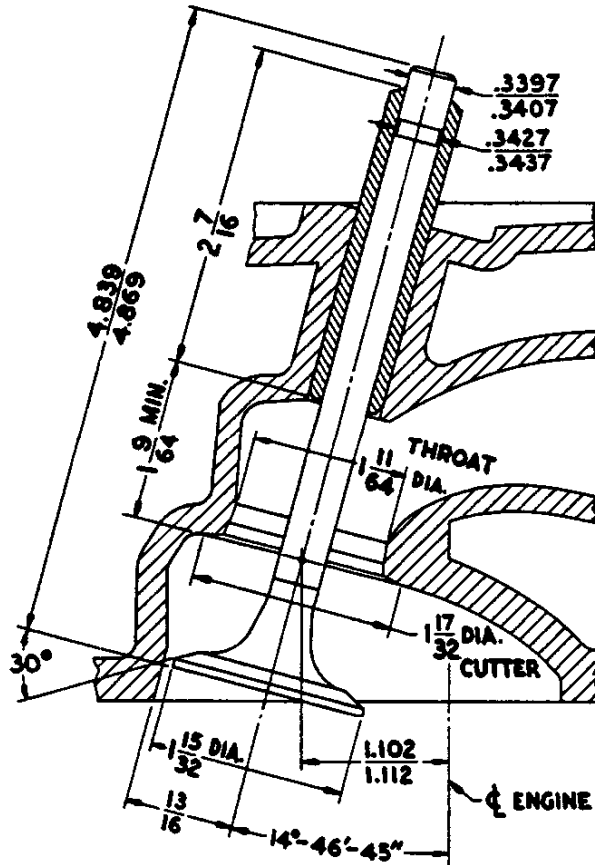
CAMSHAFT BEARING SIZES	FRONT	FRONT INTERMEDIATE	REAR INTERMEDIATE	REAR
Material	Steel-backed babbitt			
Inside diameter	2.0307"-2.0317"	1.9682"-1.9692"	1.9057"-1.9067"	1.8432"-1.8442"
Total length	1-1/8"	15/16"	15/16"	15/16"

8-12-40. 1-22-41: • - Was .002"-.004".

VALVES

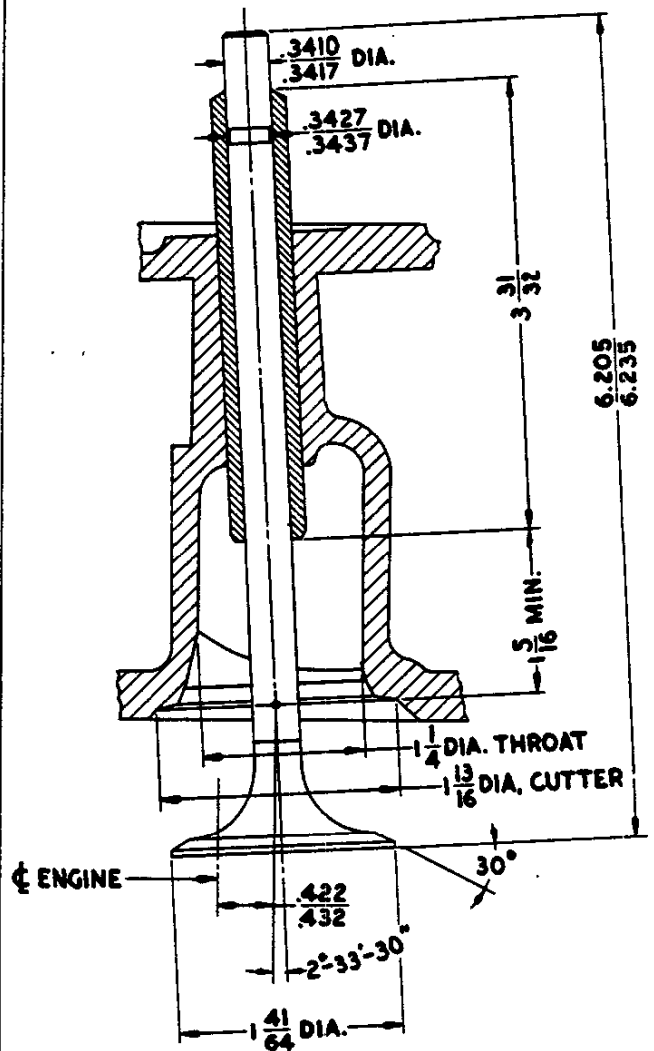
EXHAUST VALVE DATA •

Material Extruded steel
 Stem end style .. Grooved for cup & cone
 Lift3118"
 Lash013" hot



INLET VALVE DATA •

Material Extruded steel
 Stem end style .. Grooved for cup & cone
 Lift2941"
 Lash006" hot



Distance between valve centers (measured along centerline of engine) = 1-21/32"

VALVE STEM GUIDES

Type Removable
 Clearance with stem Selective fit

VALVE TAPPETS

Type Cylindrical
 Material Cast alloy iron
 Outside diameter989"-.990"
 Tappet lift-Exhaust2111"
 -Inlet1991"

VALVE ROCKER ARM ratio 1.477 to 1

VALVE SPRINGS - LENGTH & PRESSURE

Valve closed 1-13/16" long @ 55#
 Valve open 1-1/2" long @ 128#

VALVE SEATS

Material Cast alloy iron (cylinder head)
 Cooling Jets of water under pressure
 Width in head .062"-.093" Exh., .035"-.060" In.

CYLINDER HEAD

Type Detachable Material Cast alloy iron

8-12-40. 1-22-41: • - Data revised. Sheet reorganized.

ENGINE LUBRICATION SYSTEM

<p>TYPE Pressure, pressure stream and splash.</p> <p>MAIN BEARING lubrication Direct pressure. Oil is pumped through drilled passages in cylinder case to main bearings.</p> <p>CAMSHAFT BEARING lubrication Direct pressure through passages from main bearings.</p> <p>TIMING GEAR lubrication Gravity feed from camshaft front bearing overflow.</p> <p>CONNECTING ROD BEARING lubrication .. By individual pressure streams.</p> <p>CYLINDER BORE lubrication Splash</p> <p>PISTON PIN lubrication Splash</p> <p>VALVE MECHANISM lubrication Pressure. Pipe from high pressure side of distributor carries oil to valve rocker arms, springs, valve stems</p>	<p>and push rod upper ends.</p> <p>WATER PUMP lubrication Permanently lubricated, sealed ball bearing.</p> <p>Oil pump type Gear</p> <p>Oil pump drive From camshaft</p> <p>Normal oil pressure 14# @ 2000 engine RPM</p> <p>Oil pressure relief valve opens at 15#</p> <p>Oil cleaner type Screen, with by-pass on intake side of oil pump.</p> <p>Oil drain type Plug in rear of oil pan</p> <p>Crankcase ventilator type Suction</p> <p>Oil filler Combined with ventilator</p> <p>Oil screen size .. 20 mesh x .015 terne steel wire</p> <p>Oil level gauge type Rod</p> <p>Oil pan capacity (dry) 5-1/2 quarts</p> <p>Oil pan capacity (for refill) 5 quarts</p>
---	---

COOLING SYSTEM

ITEM		PASSENGER AND COMMERCIAL CARS	TRUCKS & SCHOOL BUS •			
			LT. DEL., 3/4 T & 3/4 TSS	3/4 TSL, CHD & SB	COE	
Cooling system capacity		14 quarts *			16 qts.	
Radiator core	Make and type	Harrison, ribbed cellular				
	Material	All copper				
	Size	.20"x.556"x2"	.25"x.560"x2"	.20"x.560"x2"	.20"x.560"x3"	
	Exp. core area	368.5 sq.in.	405 sq.in.			
	Fan shroud	None				
Radiator hose	Type	Reinforced rubber. Outlet consists of two hose joined by steel tube.				
	Location	Inlet	From cylinder head to core			
		Outlet	From core to water pump			
	Size	Inlet	1-1/4" I.D. x 5-5/8" long	1-1/4" I.D. x 6-3/4" long		
Outlet		Two hose, 1-1/2" I.D. x 4-7/16" long ▼				
Water thermostat	Make and location	Harrison, in cylinder head outlet				
	Type	Bellows operating poppet valve				
	Valve action	Valve starts to open at 140° - 145° F. and is fully open at 170° F., 29" Hg. barometric pressure.				
Engine fan	Type	Four staggered blades				
	Diameter	15-3/4" @	18"			
	Fan pulley	28° V - 4-21/64" diameter				
	Ratio to Eng. Spd.	1.393:1				
	Fan belt	Make	Various			
		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 @ 4000 engine RPM				
	Impeller type	Vane				
	Bearing	Type	Double row ball, sealed			
		O.D.	1.1806"-1.1811"			
		Length	1-21/32"			
	Seal	Material	Moulded rubber sealed with rubber cement			
Adj.		Automatic - By spring tension				

* - The Cab-Over-Engine radiator core is available, with a shroud, as RPO equipment for the 3/4 Ton, 3/4 Ton Special, Conventional Heavy Duty and School Bus. @ - 16-1/4" fan installed with 3.73 RPO rear axle. •

8-12-40. 1-22-41: • - 160" WB School Bus removed. • - "@" note added. ▼ - Was 4".

FUEL SYSTEM

FUEL PUMP

Make and model AC, AF
 Type Mechanical
 Drive From camshaft
 Arm throw at camshaft 1/4"
 Inlet and outlet air dome Yes
 Fuel filter Screen on dome

FUEL GAUGE

Make AC
 Type Electric

OCTANE SELECTOR

Type and range Manual, 20° Vernier

FUEL MIXTURE

Heated Yes. Passes through manifold heat chamber, automatically controlled by thermostat on manifold.

AIR CLEANER

Make AC
 Type .. Combined with silencer & flame arrester for pass. & comm. cars. Combined with flame arrester for Light Delivery, CHD & SB models. Oil bath type for COE.

CARBURETOR

Make and model Carter W1-483S for all models except COE. Carter BBI-517S^e for COE models.
 Type Single adjustment, down-draft for all models except COE. Up-draft for COE models
 Size 1-1/4"
 Accelerator pump Yes
 Float level ... When closed, top of float measures 1/2" below finished surface of cover.

RPO AIR CLEANERS

		PC & CC	LCT & CHD	ALL MODELS
Make	AC			
Type	With flame arrester.	With flame arrester and oil bath. (1# capacity)	With flame arrester and oil bath. (2# capacity)	

	PASS. & COMM. CARS		TRUCKS & SCHOOL BUS						
	Chassis, Spt. Sedan, 4-Pass. Coupe, Town Sed., Cabriolet, Station Wagon	Business Coupe, Pickup, Sedan Delivery	LIGHT DELIVERY	Chassis & Cab, Pickup	3/4 T & 3/4 TSS	Chassis & Cowl, Panel	3/4 TSL, CHD & SB	Chassis & Cab, Pickup, Panel, Canopy Express, Stakes	COE
Mounting	Clamped to underside of underbody.		Clamped to in-side right side rail	Clamped to cab floor under seat	Clamped to in-side right side rail	Clamped to cab floor under seat	3-point mounting to frame at seat position	Clamped to body floor under seat	Clamped to outside right side rail
Type	Two stamped pans, seam-welded together								
Capacity	16 gallons			18 gallons*					
Filler location	Outside on right rear fender	Outside ahead of right rear fender	Outside behind right side door	Outside at cab rear corner	Outside behind right door	Outside at cab rear corner	At right side of chassis	Outside behind right side door	At right side of chassis

* - 20 gallon, side mounted tank is RPO for School Bus chassis and 160" WB Heavy Duty chassis with flat face cowl.

EXHAUST SYSTEM

ITEM	PASSENGER & COMMERCIAL CARS	TRUCKS & SCHOOL BUS
Muffler type	Diffusion and resonance with reverse flow	
Muffler size	5-1/16" x 7-5/16" (oval) x 18" long	5-1/16" diameter x 21" long
Muffler mounting	Single point rubber	Single point
Exhaust pipe diameter	1-7/8"	
Tail pipe diameter	1-3/4"	

8-12-40. 1-22-41: Revisions. 4-7-41: • - Was BBI-489S.

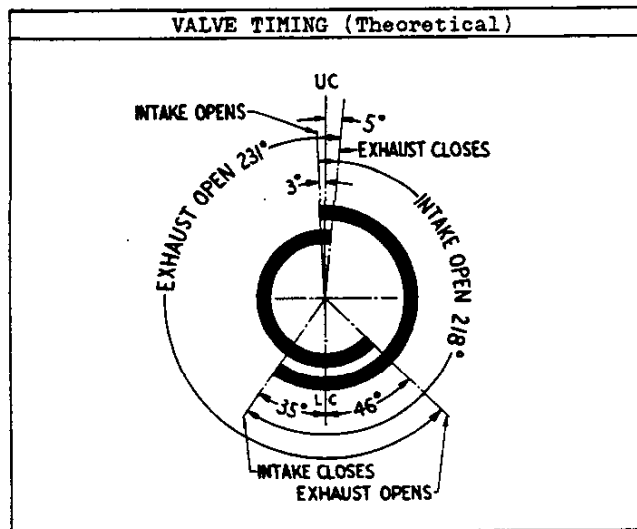
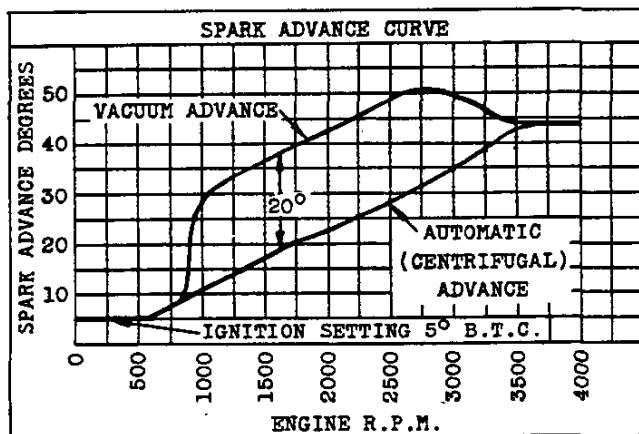
ENGINE ELECTRICAL SYSTEM

GENERATOR		PASSENGER & COMMERCIAL CARS	TRUCKS & SCHOOL BUS •			
			LIGHT DELIVERY	3/4 TON	3/4 TS	CHD, SB & COE
Make		Delco-Remy				
Model and type		#1102667-Shunt				
Rated voltage		6-8				
Ventilated by		Fan built into generator pulley				
Driven by		"v" belt				
Generator pulley	Type	28° v				
	Diameter	5-11/32"				
Speed ratio-generator to engine		1.83:1				
Generator RPM per MPH		93.5	100.1	90.4	114.7	
Maximum charging rate-cold 72° F.	Amperes	38-40				
	Voltage	7.3 - 7.7				
	RPM (Gen.)	2400				
	Car speed MPH	25.5	24	26.5	21*	
Maximum charging rate-hot 150° F.	Amperes	34-36				
	Voltage	7.2 - 7.4				
	RPM (Gen.)	2400				
	Car speed MPH	25.5	24	26.5	21*	
Thermostat		None				
Field fuse		None				
Voltage & current regulator		Part #1118201-Vibrator type				
Brush tension		14-18 oz.				
Rotation (Drive end)		Clockwise				
Bearings	Commutator end	Bronze bushing				
	Drive end	Ball				
Cut-out	Voltage at closing	6.2-6.7				
	Armature speed	800 RPM				
	Car speed at closing MPH	8.5	8	9	7	
	Amperes to open	0-3				

IGNITION

Type Separate units, high tension distributor ground return system
 Distributor part number Delco-Remy #1110090
 Current source Generator
 Spark control type Full automatic
 Spark advance-vacuum 20°
 -automatic 32.5°-39.5°

Timing spark advance 5 B.T.C.
 Firing order 1-5-3-6-2-4
 Distributor breaker point opening018"●●
 Breaker point polarity reversing switch location Top of starting motor
 Distributor bearing material Cast iron



8-12-40. 1-22-41: ●-160" WB School Bus removed. ● - Was 100.5. ♦ - Was 91.
 ▼ - Was 117.5. ★ - Was 20.5. ●● - Was .018" - .024".

ENGINE ELECTRICAL SYSTEM—Continued

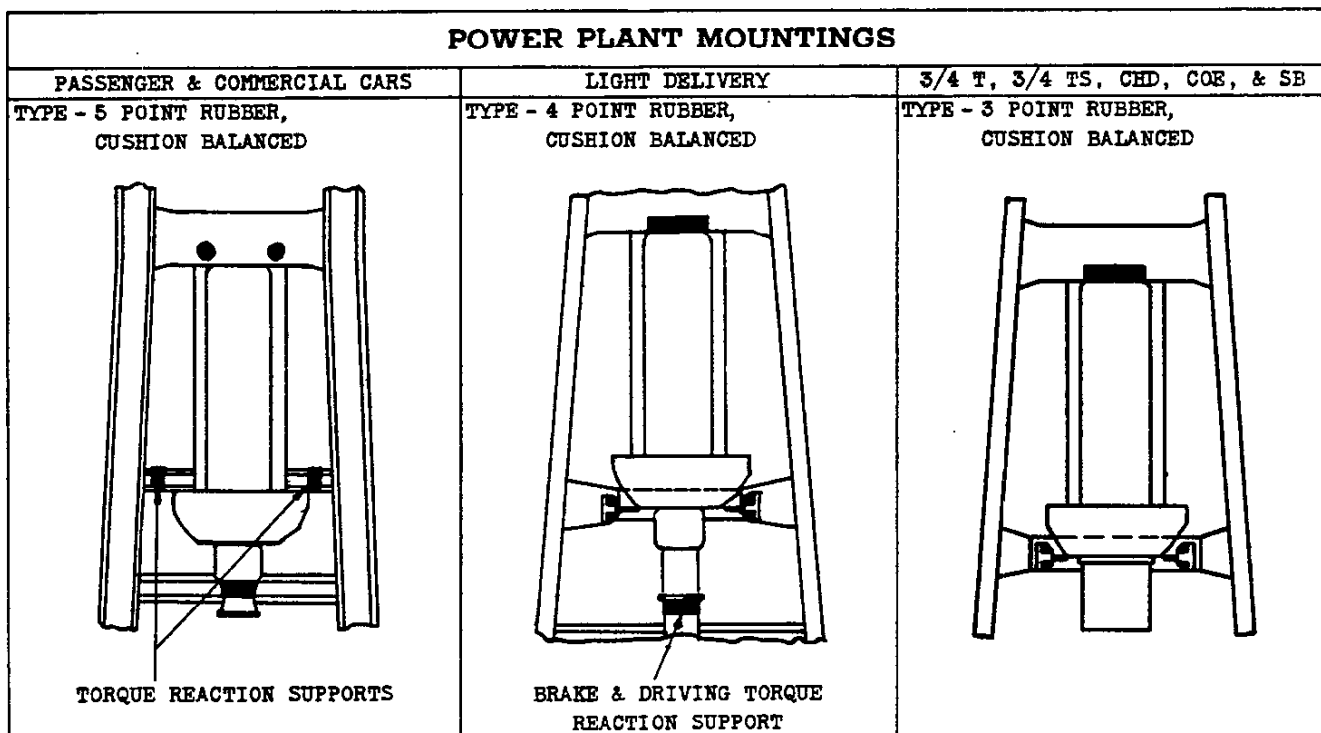
IGNITION - Continued

Ignition lock type Key operated lock switch with armored cable from coil to switch. ●
 Condenser make Delco-Remy
 Coil no. & location ... 1115141—Engine right side
 Coil amperes drawn - engine stopped 4.5
 - engine idling 2.5
 Spark plug-make and size AC 104
 -thread size 10 mm.
 -recommended gap040"

STARTING MOTOR

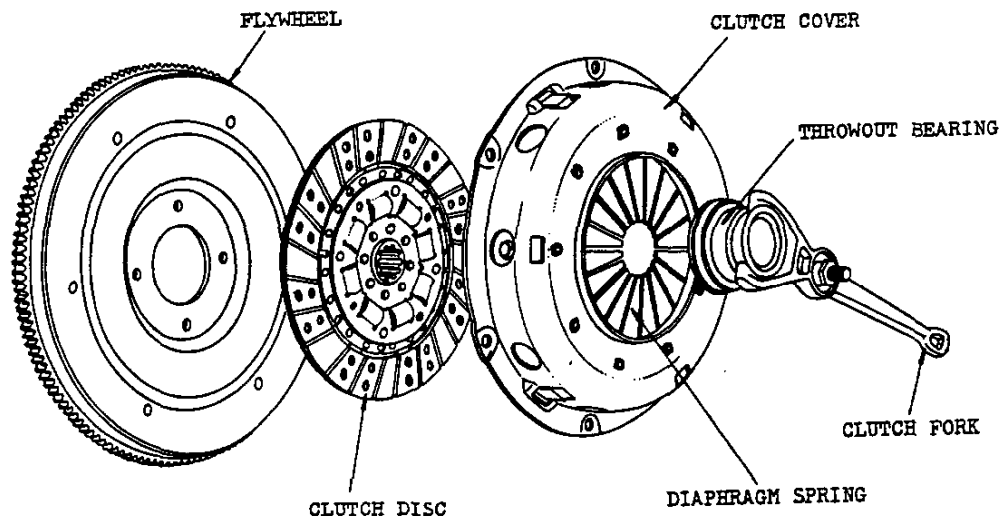
Make Delco Remy
 Model 1107047 ■
 Type of drive Mechanical
 Rotation (commutator end) Counter-clockwise

Bearings-commutator end Cast Iron
 -drive end ... Graphite lubricated bushing
 Lock test-amperage draw 525
 -volts 3.4
 -torque 12 ft.lb.
 No load test-amperage draw 65
 -volts 5
 -RPM 5000
 Pinion meshes On front of flywheel
 Pinion teeth 9
 Flywheel teeth 139
 Pinion to flywheel ratio 15.44:1
 Normal engine cranking speed 65 RPM
 Starter Direct foot-actuated control
 Starter to throttle connection Lug on cross shaft engages accelerator shaft. Pass. cars only



8-12-40. 1-22-41: ● - Reworded. ■ - Was 1107033.

CLUTCH



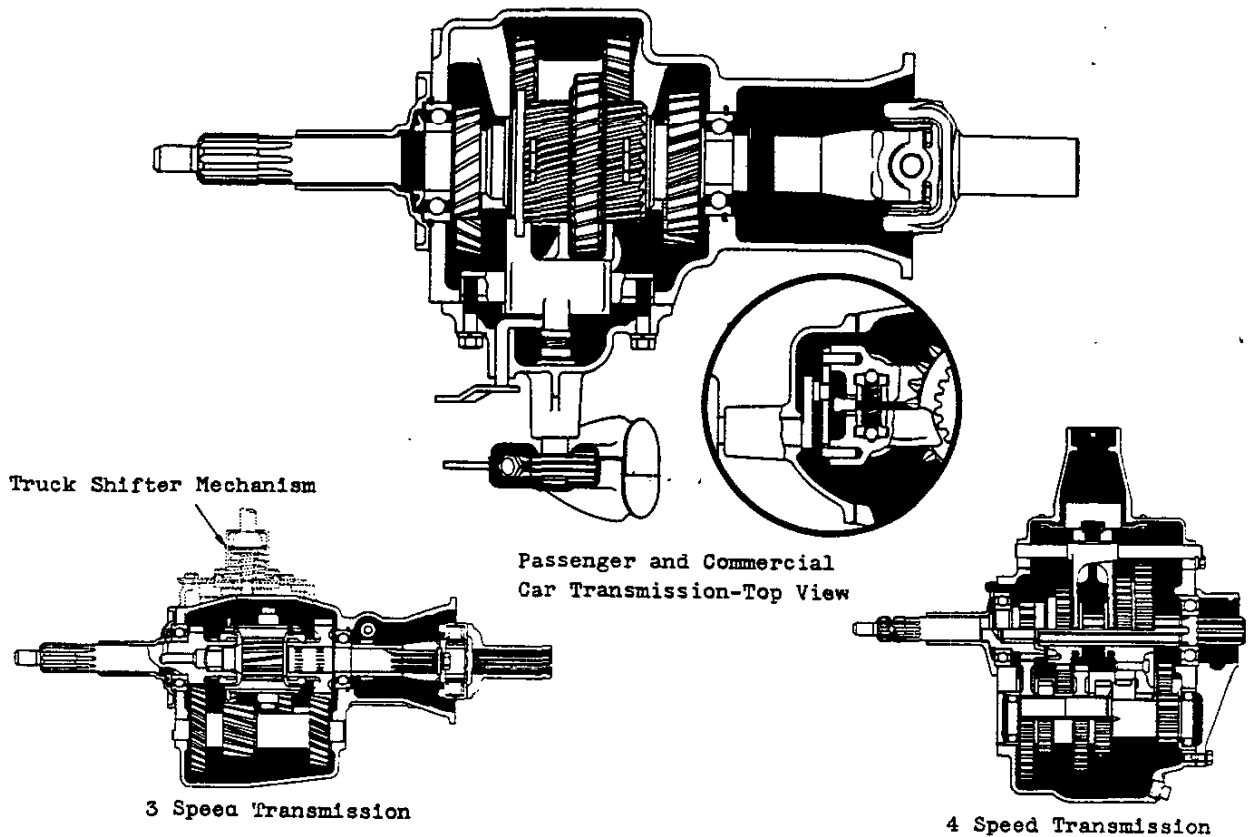
Passenger car clutch illustrated.

ITEM		PASSENGER &	TRUCKS & SCHOOL BUS		
		COMMERCIAL CARS	LIGHT DELIVERY	3/4T, 3/4TS, CHD, SB & COE *	
Type		Single dry plate			
Rated torque capacity		200 ft. lb.			
Spring	Type	Diaphragm			
	Pressure	1100#-1225#	1200#-1250#		
	Material	Spring steel - Heat treated			
	Pressure levers	18 integral with spring			
Drive		Through radial lugs			
Discs	Driving	Flywheel and pressure plate			
	Driven - number	One			
	Vibration insulation		8 Cushion springs at hub	6 Cushion springs at hub	
	Facing	Material	Woven and formed - Asbestos composition		
		O.D. & I.D.	9-1/8" - 6-1/8"	10-3/4" - 7"	
		Area	71.86 sq.in.	104.6 sq.in.	
Thickness		.132"-.138"	.137"-.143"		
Bearings	Throwout	Type	Special ball - mounted on sleeve		
		Lubrication	Packed for life		
	Pilot	Type	Hyatt Roller #142655		
		Lubrication	Packed for life		
Controls	Clutch fork - type		Drop forged-pivot mounted on ball		
	Pedal mounting		On brake main cylinder	On clutch housing	
Flywheel	Material		Cast Iron		
	Weight (with ring gear)		30#		
	Ring gear type		Steel-shrunk on		
	Ring gear teeth		139 teeth - 1/2" wide-13.9 Pitch Dia.		
Attachment to flywheel		6 bolts	9 bolts		

* - RPO on Pass. cars & Light Delivery trucks.●

8-12-40. 1-22-41: Revisions. 4-7-41: ● - Note added.

TRANSMISSION



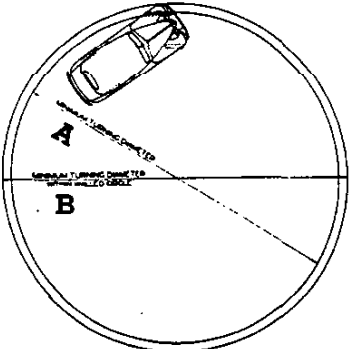
ITEM		PC, CC, LT. DEL., 3/4 T & 3/4 TSS	3/4 TSL, CHD, COE & SB	
Transmission location		In unit with engine		
Type		Selective synchro-mesh	Conventional	
Shift type		Standard H		
Number of speeds		3 forward, 1 reverse	4 forward, 1 reverse	
Gears, type		Helical @	Spur	
Synchronous meshing gears		Second and third	None	
Input Torque Capacity •		200 ft. lb.		
Gear ratios	First	2.94	7.06*	
	Second	1.68	3.48*	
	Third	Direct	1.71▼	
	Fourth	None	Direct	
	Reverse	2.94	6.98*	
Bearings or Bushings	Reverse idler bushing	No. & Mat'l. Two-bronze	Two-brass	
	Main shaft bearing make and part no.	Size .7515"-.7525" I.D. x 3/4"	.8772"-.8782" x 1-1/2"	
Bearings or Bushings	Counter shaft brg. or bushing	Front Hyatt #590752	Hyatt #141854	
		Rear N.D. #954168	N.D. #903307	
	Clutch gear brg. part no.	N.D. #954141		Hyatt #121856
		N.D. #903209		N.D. #903209
Second speed gear bearing on main shaft•	Material	Chromium steel-hardened		
	Size	1.062"-1.063" I.D. x 1-3/4"		
Power take-off	Type	None		
	Location			
	Speed at 1000 Engine RPM			
	Meshing gear			
		6 bolt S.A.E. Standard	On left side	
		425 RPM	33 teeth	

@ - Gears case-hardened in LD, 3/4 T & 3/4 TSS transmissions and in RPO transmissions for PC & CC. • - 1/8" x 3/4" bearing rollers on LD, 3/4 T & 3/4 TSS.

8-12-40. 1-22-41: • - Reworded. ■ - Was 7.226. ♦ - Was 3.478. ▼ - Was 1.711. * - Was 7.148.

TURNING DIAMETERS •

These figures are nominal and are based on G.M.P.G. tests which are quoted to the second decimal place.

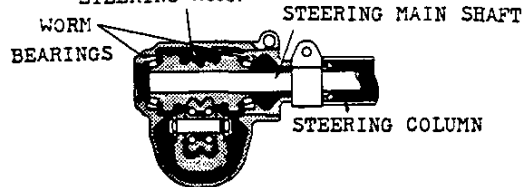
	MODEL		A		B		
	RIGHT	LEFT	RIGHT	LEFT			
	PASS & COMM. CARS		41'	39'	43'	41'	
	LIGHT DELIVERY		39'	40'	42'	42'	
	3/4 TON						
	3/4 TSS		43'	43'	45'	45'	
	3/4 TSL		47'	47'	49'	49'	
	TRUCKS & SCHOOL BUS	CHD	134-1/2" WB	52'	52'	54'	54'
			160" WB	56'	60'	58'	62'
		SB	195-1/8" WB				
COE	109-1/8" WB	40'	41'	43'	44'		
	132-5/8" WB	47'	48'	50'	51'		
	158-1/8" WB	55'	57'	58'	59'		

STEERING GEAR

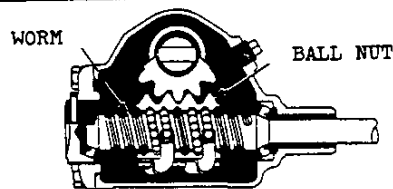
SECTOR TYPES

HOUR GLASS TYPE

STEERING WORM

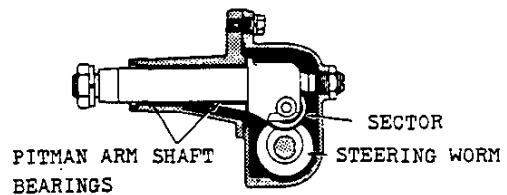


PASSENGER & COMMERCIAL CAR

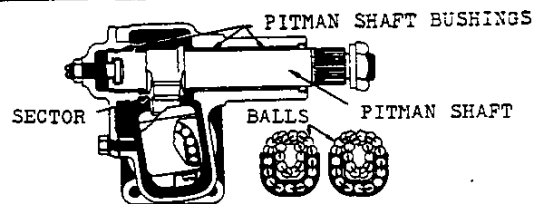


TRUCK & SCHOOL BUS

SECTOR MOUNTING



PASSENGER & COMMERCIAL CAR OVERHUNG TYPE

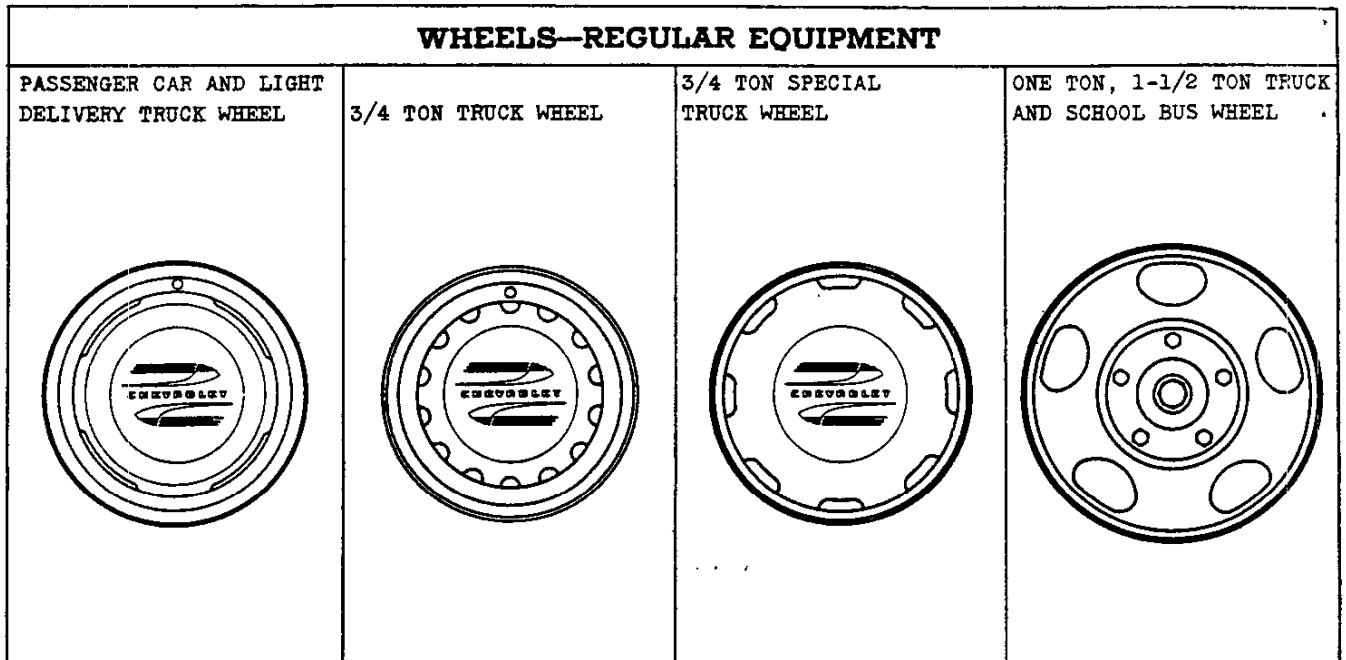


TRUCK & SCHOOL BUS STRADDLE MOUNTING TYPE

ITEM	PASS. & COMM. CARS		TRUCKS & SCHOOL BUS	
	SPECIAL DELUXE	MASTER DELUXE	LT. DEL., 3/4 TON 3/4 TS, CHD & SB	COE
Steering gear type	Semi-reversible			
Steering gear ratio	17-1/2:1		19.8:1	23.6:1
Bearings and bushings	Steering worm bearing		G.M. #179291 (Hyatt)	
	Roller sector brg.	Type	None	
bushings	Pitman shaft bushings	Material	Cast bronze	
		Size	(Outer) 1.125"-1.126" I.D. x 1-1/2"	(Outer) 1.2495"-1.2500" I.D. x 1-1/2"
			(Inner) 1.127"-1.128" I.D. x 27/32"	(Inner) 1.127"-1.128" I.D. x 27/32"
Steering wheel	Type	Two-spoke	Three-spoke	Four-spoke
	Material	Hard rubber and steel		
	Diameter	17-1/4"	17"	18"
	Main shaft diameter	3/4"		1"
	Column diameter	1-1/2"		1-3/4"
	Pitman shaft diameter	1-1/8"		1-1/4"
Pitman arm type	Two-piece, rubber insulated		One-piece	

8-12-40. 1-22-41: Revisions. 4-7-41: • - Turning diameters revised.

WHEELS—REGULAR EQUIPMENT



TIRES AND WHEELS AVAILABLE

Tire specifications are based on U.S. Rubber Co. standards

MODEL	TIRE SIZE	FRONT TIRES		REAR TIRES			WHEEL RIM SIZE	WHEEL OFFSET	DISC THICK. AT HUB
		LOAD PER TIRE AT MIN. PRES.	LOAD PER TIRE	RECOM-MENDED PRESSURE	LOADED RADIUS ROLLED	LOADED REVS. / MILE			
PC & CC	6.00-16-4 ply, Reg.	875# @ 26#	915#	28#	13.52"	746	16 x 4.00E	9/16"	
	6.00-16-6 ply, RPO	915# @ 28#	955#	30#					
	5.50-18-4 ply, RPO	880# @ 28#	940#	30#	14.37"	702			
LIGHT DELIVERY	6.00-16-4 ply, Reg.	915# @ 28#	990#	32#	13.52"	746	16 x 4.00E	9/16"	
	6.00-16-6 ply, RPO	955# @ 30#	1130#	40#					
	5.50-18-4 ply, RPO	880# @ 28#	1000#	32#	14.37"	702			
	15"-6 ply, RPO	1200# @ 20#	1200# to 1500#	20# min. to 35#	13.98"	721	15 x 5.50F	0	
3/4 TON	15"-6 ply, Reg.	1200# @ 20#	1200# to 1500#	20# min. to 35#					
3/4 TSS &	7.00-17-6 ply, Reg.	1425# @ 40#	1550#	45#	15.49"	651	17 x 6(4.33R)	9/16"	
3/4 TSL	7.50-17-8 ply, RPO	1650# @ 40#	2000#	55#	15.83"	637			
3/4 TSL	7.00-17-8 ply, RPO	1425# @ 40#	1725#	55#	15.49"	651			
CHD & COE (See next page for tire combinations)	6.00-20-6 ply	1225# @ 40#	1400#	50#	15.92"	633	20 x 5(3.75P)	4-1/8"	5/16" **
	30 x 5-6 ply	1400# @ 60#	1600#	70#	15.73"	641			
	6.00-20(30x5)8 ply	1400# @ 50#	1700#	70#	16.52"	610			
	6.50-20-6 ply	1500# @ 40#	1700#	50#	17.03"	592			
	7.00-20-8 ply	1625# @ 40#	1950#	55#	17.15"	588	20 x 6(4.33R)	4-1/2"	
	7.00-20(32x6)10 ply	1950# @ 55#	2250#	70#					
	7.50-20-8 ply	1875# @ 40#	2250#	55#					
	7.50-20(34x7)10 ply	2250# @ 55#	2700#	75#	18.27"	552	20 x 7(5.00S)	4-3/4"	
8.25-20-10 ply	2175# @ 40#	2750#	60#	5-1/4"				7/16"	

NOTE - Use of optional tires may necessitate changes in equipment such as wheels, speedometer gears, wheel carrier, springs, rear axle (for ratios), engine fan and radiator core according to the various Regular Production Options.

Tire make - United States, Goodrich or Firestone.

* - 5-1/4" offset with two-speed axle equipment. ** - 7/16" for 5-1/4" offset wheel.

8-12-40. 1-22-41: Tire data revised; sheet reorganized.

**TIRE COMBINATIONS—CHD & COE TRUCKS WITH
REGULAR 6.17 AND RPO 5.43 REAR AXLES**

REAR TIRES		FRONT TIRES							
		6.00-20 6 ply Regular	6.00-20 (30 x 5)8 ply RPO	30 x 5 6 ply RPO	6.50-20 6 ply RPO	6.50-20 (32 x 6)8 ply RPO	7.00-20 8 ply RPO	7.00-20 (32x6)10 ply RPO	7.50-20 8 ply RPO
S I N G L E	6.50-20-6 ply RPO	X			X				
	6.50-20(32 x 6) 8 ply Regular	X	X	X		X			
	7.00-20-8 ply RPO	X			X		X		
	7.00-20(32 x 6) 10 ply RPO	X	X	X	X	X	X	X	
	7.50-20-8 ply RPO	X			X		X		X
	7.50-20(34 x 7) 10 ply RPO	X	X	X	X	X	X	X	X
D U A L	6.00-20-6 ply RPO	X							
	30 x 5-6 ply RPO			X					
	6.00-20(30 x 5) 8 ply RPO		X	X					
	6.50-20-6 ply RPO	X			X				
	6.50-20(32 x 6) 8 ply RPO	X	X	X	X	X	X		
	7.00-20-8 ply RPO	X			X		X		
	7.00-20(32 x 6) 10 ply RPO	X	X	X	X	X	X	X	
	7.50-20-8 ply RPO	X			X		X		X
7.50-20(34 x 7) 10 ply RPO	X	X	X	X	X	X	X	X	

TIRE COMBINATIONS—CHD & COE TRUCKS WITH RPO TWO-SPEED REAR AXLE

DUAL REAR TIRES	FRONT TIRES						
	6.50-20 6 ply RPO	6.50-20 (32 x 6)8 ply RPO	7.00-20 8 ply RPO	7.00-20 (32 x 6)10ply RPO	7.50-20 8 ply RPO	7.50-20 (34 x 7)10ply RPO	8.25-20 10 ply RPO
6.50-20(32 x 6) 8 ply RPO	X	X					
7.00-20-8 ply RPO	X		X				
7.00-20(32 x 6)10 ply RPO	X	X	X	X			
7.50-20-8 ply RPO	X		X		X		
7.50-20(34 x 7)10 ply RPO	X	X	X	X	X	X	
8.25-20-10 ply RPO			X		X		X

NOTE: In the above charts, the front tire sizes available for use with a particular rear tire size are indicated by X's in line with each rear tire. Minimum tire equipment, front and rear for various gross allowable weights is given on page 14.

8-12-40. 1-22-41. Data revised and sheet reorganized.

BATTERY AND LIGHTS

ITEM	PASSENGER & COMMERCIAL CARS		TRUCKS		SCHOOL BUS	
			LT. DEL., 3/4 T, 3/4 TS & CHD	COE REG.	RPO	
Battery	Make and model		Delco 15X3		Delco 19Q3	
	Length		9"		10-3/8"	
	Width		7"			
	Height		8-5/8"		8-11/16"	
	Volts and hr. capacity		6-100		6-125	
	Charging rate (bench)*		5-1/4 amperes constant current rate ■			
	Cell arrangement		Three, side to side			
	No. of plates per cell		15		19	
	Terminal grounded		Negative			
	Location		Under hood	Frame, right side		
Head-lamps	Type and location		Sealed beam-in fender	Sealed beam-on top of fender		
	Sealed beam unit dia.		7.032" max. Lens diameter 6-11/16")			
	Bulb	Type	Two filament			
		Watts	45, upper beam - 35, lower beam			
	Dimmed by		Depressed beam operated by foot switch			
	Beam indicator	Size & c.p.	#51, 1		None	
		No. used	One (None on flat face cowl)			
Parking lamps	Location		In fenders	On top of headlamps		
	Bulb size and c.p.		#63, 3			
Tail and stop lamp	Number used		Two (one on Station Wagon and Sedan Delivery)	One		
	Type		One bulb per lamp	Two bulbs per lamp		
	Bulb size and candle power	Tail lamp	#1154, 3; STW & SDL - #63, 3	#63, 3		
		Stop lamp	#1154, 3; STW & SDL - #87, 15			
	Stop lamp operation		Hydraulic switch on brake main cylinder			
License lamp bulb size and c.p.		#63, 3	See tail lamp			
Instrument cluster	Number of bulbs		Two			
	Size and candle power		#55, 1-1/2	#55, 1-1/2 except flat face cowl. Flat face cowl #51, 1		
Speed-ometer	Number of bulbs		Two			
	Size and candle power		#55, 1-1/2	See instrument cluster bulbs *		
Ignition lock lamp	Bulb size and candle power		#51, 1	#55, 1-1/2 (None on flat face cowl)	None	
Glove comp. bulb size and c.p.		#55, 1-1/2		None		
Clock bulb size and c.p.		#55, 1-1/2		None		
Dome lamp	Used in		All ■	Carryall and Panels		
	Bulb size and candle power		#81, 6; STW - #87, 15	#87, 15 Carryall; #81, 6 Panels	None	
	Switch ♦ locations	Manual	At right door pillar; all models except STW. In lamp on STW.	To rear of left hand door pillar.		
		Automatic	In left front door pillar on Special Deluxe (except STW.)	None		
Fuse	Type and amperes		SFE cartridge, glass enclosed - 30			
	Location		On light switch			
Horn	Make and type		Delco Remy, vibrator			
	Number used		Two	One		
	Ampere draw		18 or 40 per pair *▼	10		
	Location		Behind radiator grille	Left side of engine on intake manifold		

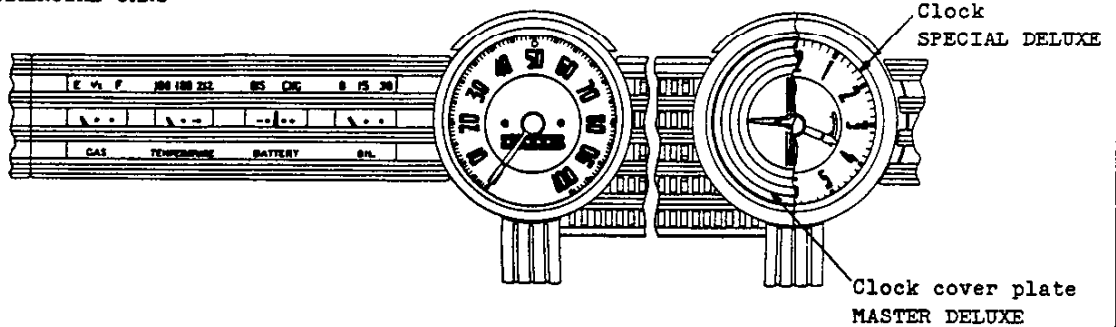
* 18 amperes draw for straight trumpet type horns. 40 amperes draw for right-angle trumpet type horns.

8-12-40. 1-22-41: Revisions. 4-7-41: ● - (bench) added. ■ - Was 7 amperes. ♦ - Switch locations changed on Pass. & Comm. cars. ▼ - Was 20 per horn. * - Was "None". - - Was SD and MD.

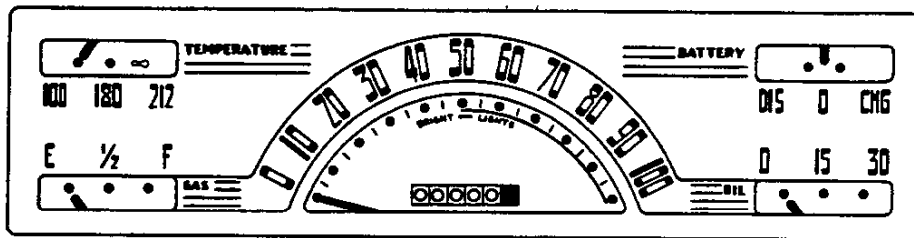
INSTRUMENTS

MAKE: AC. 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.

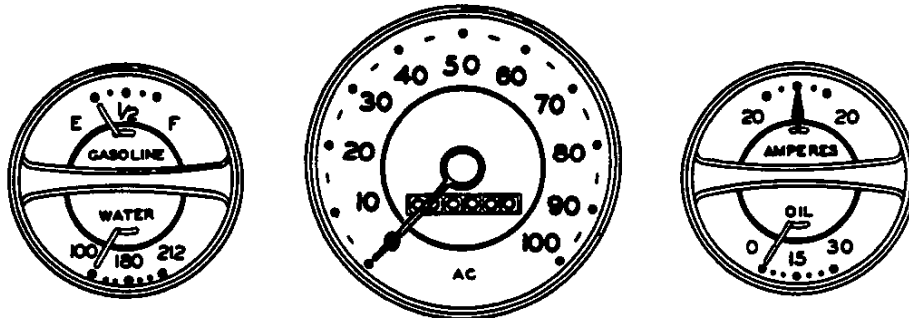
PASSENGER & COMMERCIAL CARS



CONVENTIONAL TRUCKS (Except FLAT FACE COWL CHASSIS) and all COE TRUCKS



FLAT FACE COWL CHASSIS - TRUCKS (Except COE) & SCHOOL BUS •

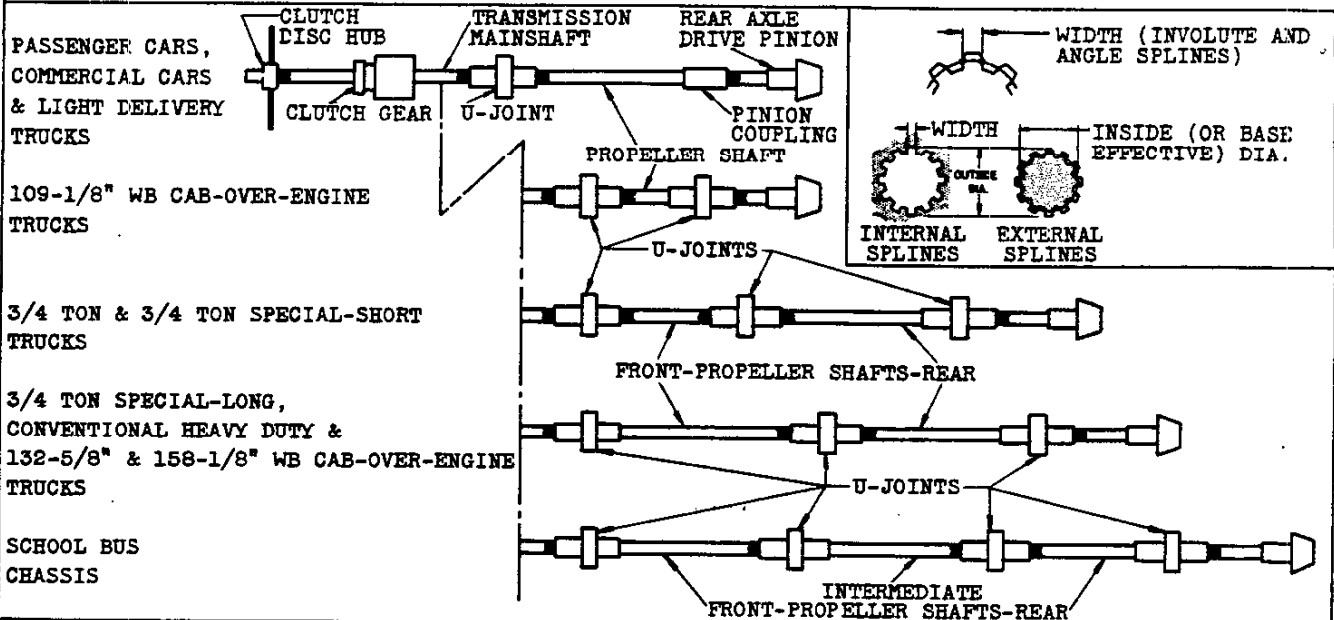


TOOLS

ITEM	PASSENGER & COMMERCIAL CARS	TRUCKS & SCHOOL BUS •			
		LT. DEL.	3/4 TON	3/4 TS	CHD, COE, SB
Jack	Bumper - 1500#	2500#		3000#	5500#
Type or capacity					
Raised height	30"	14-1/16"	15-1/8"	16"	15-1/2"
Lowered height	9"	8-1/16"	6-1/2"	7"	9-1/2"
Tire iron	None				Yes
Starting crank	None			Yes	
Lock for spare tire	None (except on STW)		Yes		None
Wrenches; 9" adjustable, open end, spark plug and wheel.					
6" rd. shank screw driver			Yes		
Jack handle					
6" combination pliers					
10 oz. ball peen hammer					

8-12-40. 1-22-41: • - 160" WB School Bus removed.

SPLINES—TRANSMISSION & PROPELLER SHAFT



ITEM		INTERNAL	EXTERNAL	INTERNAL	EXTERNAL
T R A N S M I S S I O N S H A F T	Clutch disc hub & transmission clutch gear shaft	Model PC, CC, LD, 3/4T & 3/4TSS		3/4 TSL, CHD, SB & COE	
	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)	
M A I N S H A F T & F R O N T U - J O I N T & F R O N T Y O K E	Transmission mainshaft & front U-joint front yoke	Model PC, CC, LD, 3/4T & 3/4TSS		LD, 3/4T, 3/4TSS - 4 SPEED TRANS.	
	Width	.1473" - .1483"	.1458" - .1473"	.214" - .215"	.2120" - .2135"
	Inside dia.	.890" - .891"	.853" - .860"	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)	
I N T E R M E D I A T E P R O P E L L E R S H A F T & F L A N G E	Transmission mainshaft & propeller shaft flange	Model 3/4TSL, CHD, SB & COE			
	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)			
P R O P E L L E R S H A F T & F R O N T U - J O I N T & R E A R Y O K E	Propeller shaft front end & front U-joint rear yoke	Model PC, CC & LD		3/4T & 3/4TSS	
	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"	1.274" - 1.284"
	Splines	17 (involute)		10 (straight side)	
P R O P E L L E R S H A F T & R E A R E N D & P R O P E L L E R S H A F T & F L A N G E	Front propeller shaft rear end & propeller shaft flange	Model 3/4T, 3/4TS, CHD, SB, MCOE & LCOE			
	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"		
	Spline	10 (straight side)			
I N T E R M E D I A T E P R O P E L L E R S H A F T & R E A R E N D & P R O P E L L E R S H A F T & F L A N G E	Intermediate propeller shaft rear end & propeller shaft flange	Model 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)			
R E A R P R O P E L L E R S H A F T & U - J O I N T & S L E E V E Y O K E	Rear propeller shaft front end & U-joint sleeve yoke	Model 3/4T, 3/4TS, CHD, SB & COE			
	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)			

* - Front propeller shaft on 3/4T and 3/4TSS

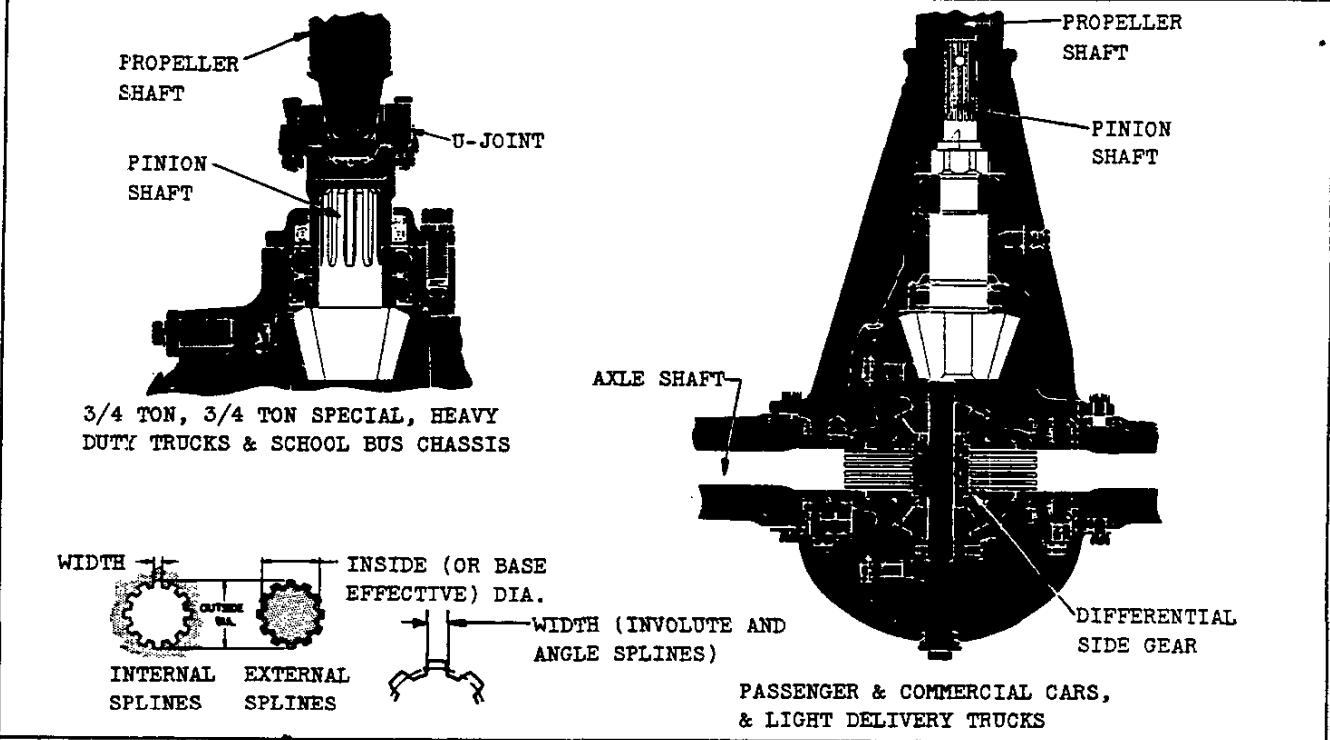
BEARINGS

ITEM		PART #	TYPE	INSIDE DIA.	OUTSIDE DIA.	WIDTH	A	B	C	D	E	F	G
FRONT WHEEL	Inner	N.D. 909052	Cup-Cone	1.2810-1.2815	2.9625-2.9635	1.135 - 1.155	2	2	2	2			
		N.D. 909026	Cup-Cone	1.4060-1.4065	3.1491-3.1501	1.216 - 1.236					2		
		@ Hy. 173241	Bar'l R.	1.5625-1.5630	3.1250-3.1256	1.230						2	2
	Outer	N.D. 909001	Cup-Cone	.7498 - .7503	2.0795-2.0805	.698 - .718	2	2	2	2			
		N.D. 909025	Cup-Cone	.8435 - .8440	2.2495-2.2505	.780 - .800					2		
		@ Hy. 173238	Bar'l R.	.9370 - .9375	2.3437-2.3443	.800						2	2
KING PIN THRUST	Chev. 373476	Ball	.868 - .893	1-5/8	.5575 - .5675	2	2	2	2				
	Chev. 365309	Ball	.9225 - .9475	1-23/32	.620 - .630					2			
	@ Tim. 121461	Roller	1.1310-1.1390	2.1875-2.1885	.620 - .630						2	2	
STEERING GEAR	Worm Thrust	Sag. 261866	Taper R.	- - -	1.7500-1.7505	.373 - .377	2						
		Hy. 179291	Bar'l R.	- - -	1.7500-1.7505	.390		2	2	2	2	2	
	Sector Roller	Sag. 262605	Ball	.4370 - .4375	- - -	1.030 - 1.034	1						
	Steering Column	Sag. 264887	RECIRCULATING BALL BEARING - 1/4 DIA. BALL					1	1	1	1	1	1
		Sag. 262288	SPECIAL BALL BEARING					1	1	1	1	1	1
GENERATOR	N.D. 903203	Ball	.6689 - .6693	1.5743-1.5748	.4724	1	1	1	1	1	1	1	
WATER PUMP	N.D. 954252	SPECIAL DOUBLE ROW BALL BEARING					1	1	1	1	1	1	
CLUTCH	Release	N.D. 909422	SPECIAL DOUBLE ROW BALL BEARING AND SLEEVE				1	1	1	1	1	1	
	Pilot	Hy. 142655	Roller	.5895 - .5900	1.0910-1.0920	.701 - .721	1	1	1	1	1	1	
TRANS-MISSION	Clutch Gear	N.D. 954141	Ball	1.3775-1.3780	2.8340-2.8346	.6643 - .6693	1	1	1				
		N.D. 903209	Ball	1.7712-1.7717	3.3457-3.3465	.7430 - .7480				1	1	1	
	Main Shaft, Ft.	Chev. 590752	Roller	14 rollers	.1873 - .1875	.512 - .527	1	1	1				
		Hy. 141854	Roller	12 rollers	.1870 - .1875	- - -				1	1	1	
	Main Shaft, Rr.	N.D. 954168	Ball	.9839 - .9843	2.4403-2.4409	.6643 - .6693	1	1	1				
		N.D. 903307	Ball	1.3775-1.3780	3.1490-3.1496	.8218 - .8268				1	1	1	
	Counter Shaft, Ft.	Chev. 591211	Roller	25 rollers	.1248 - .1250	.735 - .750	1	1					
	Counter Shaft, Rr.	Hy. 142260	Roller	1.4989-1.4994	2.4409-2.4415	.6249 - .6299				1	1	1	
Counter Shaft, Rr.	Chev. 591211	Roller	25 rollers	.1248 - .1250	.735 - .750	1	1						
Hy. 121856	Roller	1.7318-1.7323	2.8346-2.8352	.6643 - .6693				1	1	1			
PROPELLER SHAFT	N.D. 954257	Ball	1.3775-1.3780	2.8340-2.8346	.9793 - .9843			1	1	1	1		
UNIVERSAL JOINT	Ch. 3652929	Roller	19 rollers	.1038 - .1040	.489 - .509	4	4						
	Ch. 3660967	Roller	27 rollers	.09550-.09575	.625			8	12	12	12		
REAR AXLE	Pinion Front	N.D. 905306	D.R. Ball	1.1807-1.1811	2.8340-2.8346	1.1825-1.1875	1	1	1	1			
		N.D. 954237	D.R. Ball	1.9680-1.9685	4.3299-4.3307	1.8710-1.8755					1	1	
		* Ch. 3651518	Taper R.	1.5000-1.5005	3.375 - 3.376	1.1875					1	1	
	Pinion Rear	Hy. 125630	Roller	1.8287-1.8291	3.1246-3.1250	.743 - .748	1	1	1	1			
		Hy. 144553	Roller	1.1807-1.1811	2.8340-2.8346	.8218 - .8268					1	1	
		* Ch. 3651551	Taper R.	2.0000-2.0005	4.125 - 4.126	1.1875					1	1	
	2-Speed Pinion	* Ch. 3651553	Taper R.	2.0000-2.0005	4.125 - 4.126	1.4375					1	1	
		* Ch. 3651554	Taper R.	2.0000-2.0005	4.125 - 4.126	1.4375					1	1	
	Diff. Bearing	Hy. 127861	Bar'l R.	1.6924-1.6929	2.9523-2.9528	.669	2						
		Hy. 187434	Bar'l R.	1.7807-1.7812	3.1490-3.1496	.712		2	2	2			
Hy. 148399		Bar'l R.	2.4400-2.4405	3.9362-3.9370	.8268					2	2		
* Ch. 3651552		Taper R.	2.6250-2.6255	4.4375-4.4385	1.1875					2	2		
Axle Shaft	Hy. 111119	Roller	1.5769-1.5774	2.4056-2.4062	.742 - .750	2							
	Hy. 111121	Roller	1.8772-1.8779	2.7812-2.7818	.867 - .875		2						
	Hy. 178298	Roller	1.8772-1.8779	2.7812-2.7818	.992 - 1.000			2	2				
REAR WHEEL	Inner	Hy. 144527	Bar'l R.	2.6250-2.6255	4.4680-4.4688	.970 - .975					2	2	
	Outer	Hy. 144525	Bar'l R.	2.2500-2.2505	3.8750-3.8758	.895 - .900					2	2	
TOTAL NUMBER OF ANTI-FRICTION BEARINGS PER VEHICLE (LESS 2-SPEED AXLE)							27	29	34	38	40	40	35

A = SPECIAL DELUXE & MASTER DELUXE. B = LIGHT DELIVERY. C = 3/4 TON & 3/4 TON SPECIAL SHORT. D = 3/4 TON SPECIAL LONG. E = CONVENTIONAL HEAVY DUTY & SCHOOL BUS. F = 132-5/8" & 158-1/8" WB COE. G = 109-1/8" WB COE. R = ROLLER. DR = DOUBLE ROW. * - For RPO 2-SPEED AXLE. @ - Also for RPO CONVENTIONAL HEAVY DUTY & SCHOOL BUS front axle. / - One additional on SCHOOL BUS. % - Part numbers listed N.D., Hy., and Tim., are New Departure, Hyatt, and Timken bearings shown on G. M. Standards drawings.

1-22-41. 4-7-41: ● - Added. ■ - Was 1.5771-1.5776.

SPLINES—REAR AXLE



ITEM		INTERNAL	EXTERNAL	INTERNAL	EXTERNAL		
R E G U L A R A X L E S	Propeller shaft rear end coupling & rear axle drive pinion shaft	Model PC, CC & LD					
		Width	.0951" - .0961"	.0931" - .0951"			
		Inside dia.	.985" - .989"	.965" - .973"			
		Outside dia.	1.0835"-1.0935"	1.068" - 1.074"			
		Splines	17 (involute)				
		Propeller shaft pinion flange & rear axle drive pinion shaft	Model 3/4T, 3/4TSS & 3/4TSL		CHD, SB & COE		
			Width	.1165" - .1175"	.1145" - .1165"	.302" - .303"	.300" - .302"
			Inside dia.	1.090" - 1.094"	1.070" - 1.078"	1.694" - 1.702"	1.637" - 1.647"
			Outside dia.	1.192" - 1.202"	1.173" - 1.179"	1.9675"-1.9755"	1.941" - 1.942"
			Splines	17 (involute)		10 (straight side)	
T W O S P E E D A X L E	Differential side gear & axle shaft	Model PC & CC		LD, 3/4T & 3/4TS			
		Width	.180" - .183"	.178" - .180"	.1144" - .1154"	.1124" - .1144"	
		Inside dia.	1.039" - 1.044"	1.004" - 1.014"	1.194" - 1.198"	1.166" - 1.174"	
		Outside dia.	1.186" - 1.193"	1.1525"-1.1575"	1.3005"-1.3105"	1.2795"-1.2845"	
		Splines	10 (straight side)		17 (involute)		
		Differential side gear & axle shaft	Model CHD, SB & COE				
			Width	.259" - .262"	.257" - .259"		
			Inside dia.	1.472" - 1.477"	1.440" - 1.450"		
			Outside dia.	1.6735"-1.6785"	1.6345"-1.6445"		
			Splines	10 (straight side)			
P A S S E N G E R & L I G H T D E L I V E R Y T R U C K S	Propeller shaft pinion flange & rear axle drive pinion shaft	Model CHD & COE					
		Width	.2325" - .2340"	.232" - .234"			
		Inside dia.	1.289" - 1.294"	1.238" - 1.243"			
		Outside dia.	1.499" - 1.502"	1.4975"-1.4985"			
		Splines	10 (straight side)				
		Differential side gear & axle shaft	Model CHD & COE				
			Width	.173" - .175"	.170" - .172"		
			Inside dia.	1.612" - 1.617"	1.562" - 1.572"		
			Outside dia.	1.774" - 1.784"	1.724" - 1.729"		
			Splines	16 (angle side)			

1-22-41.

INDEX—Continued

R	
Radiator Core	53
Rear Axle-Conventional	37
-Two-Speed	38
Rear Springs	35
Ride Stabilizer	36
Rocker Arms	52
S	
Seat Dimensions-Passenger Cars	16-17
-Commercial Cars & Trucks	18
Sedan Delivery Dimensions	20
Serial Numbers	10
Shackles	34 & 36
Shock Absorbers	36
Spark Advance	55
Spark Plug	56
Speedometer Gears	38
Splines	64-65
Springs	33 & 35
Stabilizer-Ride	36
Stake Body Dimensions	23-25
Station Wagon Body Dimensions	19
Steering-Gear	59
-Wheel	59
Stroke	41
Symbols-Model	4
-Type	4-9
T	
Tail and Stop Lamp	62
Tail Pipe	54
Tappets	52
Thermostat	53
Tires	60-61
Tools	65
Torque	41-44
Transmission	58
Treads	15 & 28
Trunk Dimensions	16
Turning Diameter	59
Type Symbols	4-9
U	
Unit Serial Numbers	10
Universal Joints	39
V	
Valves	52
Valve Timing	55
Voltage and Current Regulator.....	55
W	
Water-Capacity	53
-Pump	53
-Thermostat	53
Weights-Passenger Car	11
-Trucks and School Buses	12-13
-Gross Allowable	14
Wheels	60
Wheel Alignment	32

INDEX

<p style="text-align: center;">A</p> <p>Air Cleaner 54</p> <p>Auxiliary Springs 35</p> <p>Axle-Front 32</p> <p style="padding-left: 20px;">-Rear 37</p> <p style="padding-left: 20px;">-Two-Speed Rear 38</p> <p style="text-align: center;">B</p> <p>Battery 62</p> <p>Bearings-Anti-Friction 66</p> <p style="padding-left: 20px;">-Camshaft 51</p> <p style="padding-left: 20px;">-Clutch 57</p> <p style="padding-left: 20px;">-Crankshaft 51</p> <p style="padding-left: 20px;">-Rear Axle 37</p> <p style="padding-left: 20px;">-Transmission 58</p> <p style="padding-left: 20px;">-Universal Joints 39</p> <p style="padding-left: 20px;">-Wheel 32 & 66</p> <p>Body Dimensions-Passenger Cars 16 & 17</p> <p style="padding-left: 20px;">-Carryall Suburban 19</p> <p style="padding-left: 20px;">-Coupe Pickup 22</p> <p style="padding-left: 20px;">-Sedan Delivery 20</p> <p style="padding-left: 20px;">-Station Wagon 19</p> <p style="padding-left: 20px;">-Trucks 18-25</p> <p>Booster, Brake 40</p> <p>Bore 41</p> <p>Brake Fluid 40</p> <p>Brakes 40</p> <p style="text-align: center;">C</p> <p>Cab Dimensions 18</p> <p>Camshaft 51</p> <p>Carburetor 54</p> <p>Canopy Express Dimensions 21</p> <p>Carryall Suburban Dimensions 19</p> <p>Chassis Dimensions-Passenger Cars 15</p> <p style="padding-left: 20px;">-Trucks & School Buses ... 26-27</p> <p>Clutch 57</p> <p>Compression Ratio 41</p> <p>Connecting Rods 50</p> <p>Contents 3</p> <p>Cooling System 53</p> <p>Coupe Pickup Dimensions 22</p> <p>Cowl Dimensions 27</p> <p>Crankshaft 51</p> <p>Cylinder Head 52</p> <p style="text-align: center;">D</p> <p>Dome Light 62</p> <p style="text-align: center;">E</p> <p>Engine-Cooling System 53</p> <p style="padding-left: 20px;">-Electrical System 55-56</p> <p style="padding-left: 20px;">-Lubrication System 53</p> <p style="padding-left: 20px;">-Mountings 56</p> <p>Engine-Performance 41</p> <p style="padding-left: 20px;">-Power and Torque 42-44</p> <p style="padding-left: 20px;">-R.P.M. Charts 45-49</p> <p style="padding-left: 20px;">-Weights 41</p>	<p style="text-align: center;">E-Continued</p> <p>Equipment Weights-Trucks 14</p> <p>Exhaust System 54</p> <p>Extensions-Frame 29</p> <p>Exterior Dimensions-Passenger Car 15</p> <p style="text-align: center;">F</p> <p>Fan, Engine 53</p> <p>Firing Order 55</p> <p>Flywheel 57</p> <p>Frames and Extensions 29-30</p> <p>Front Axle 32</p> <p>Front Wheel Alignment 32</p> <p>Front Springs 33</p> <p>Fuel-Gauge 54</p> <p style="padding-left: 20px;">-Mixture 54</p> <p style="padding-left: 20px;">-Pump 54</p> <p style="padding-left: 20px;">-Tanks 54</p> <p>Fuse 62</p> <p style="text-align: center;">G</p> <p>Generator 55</p> <p>Gross Allowable Weights 14</p> <p style="text-align: center;">H</p> <p>Headlamps 62</p> <p>Horn 62</p> <p>Horsepower 41-44</p> <p style="text-align: center;">I</p> <p>Ignition 55-56</p> <p>Instruments 63</p> <p style="text-align: center;">K</p> <p>Knee Action 31</p> <p style="text-align: center;">L</p> <p>License Lamp 62</p> <p>Lights 62</p> <p>Luggage Space Dimensions 16</p> <p style="text-align: center;">M</p> <p>Model Symbols 4</p> <p>Muffler 54</p> <p style="text-align: center;">O</p> <p>Octane Selector 54</p> <p>Oil-Cleaner 53</p> <p style="padding-left: 20px;">-Pump 53</p> <p style="text-align: center;">P</p> <p>Parking Lamp 62</p> <p>Panel Body Dimensions 20-21</p> <p>Pickup Body Dimensions 22</p> <p>Piston 50</p> <p>Pitman Shaft 59</p> <p>Power Take-off 58</p> <p>Propeller Shaft 39</p>
---	---

ABBREVIATIONS

Act.	Acting	MCOE	132-5/8" WB (Medium COE)
Amp.	Ampere or Amperes	MD	Master Deluxe Cars
Av.	Average	MDC	Master Deluxe Commercial Cars
BHP	Brake Horsepower	Min.	Minute or Minimum
BMEP	Brake Mean Effective Pressure	Mm.	Millimeters
Brg.	Bearing	Mn.	Manganese
BTC	Before Top Center	MPH	Miles Per Hour
Bush.	Bushing	N.D.	New Departure
Camb.	Camber	O.D.	Outside Diameter
Cap.	Capacity	OT	One Ton 134-1/2" WB RPO Trucks
Car.	Carbon	Oz.	Ounces
CBL	Cabriolet	P.	Pitch
CC ..	Commercial Cars (on passenger car chassis)	Pass.	Passenger or Passengers
Gen.	Center or Centers	PC	Passenger Cars
Ch.	Chassis	PCH	Passenger Car Chassis
CHD	Conventional Heavy Duty Trucks	P.D.	Pitch Diameter
CI	Cast Iron	Press.	Pressure
CM	Cross Member or Cross Members	R.A.	Rear Axle
COE	Cab-Over-Engine Trucks	Rd.	Round
Conv. (Cv.)	Conventional	R.H.	Right Hand
c.p.	Candlepower	RPM	Revolutions Per Minute
CPE	Coupe	RPO	Regular Production Option
CPE2	Business Coupe	Rr.	Rear
CPE4	Four Passenger Coupe	SB	School Bus Chassis
CPEB	Coupe Pickup	SC... 1-1/2 Ton 134-1/2" WB (Short Conv.) Trucks	
Cu.In.	Cubic Inches	SCOE	109-1/8" WB (Short COE) Trucks
Cyl.	Cylinder or Cylinders	SD	Special Deluxe Cars
D. (Dia.)	Diameter	SDC	Special Deluxe Commercial Cars
Dbl.	Double	SDL	Sedan Delivery
Defl.	Deflection	Sect.	Section
Diff.	Differential	SED	Sedan
Disp.	Displacement	Ser.	Serial or Service
D.W.	Dual Wheels	Ship.	Shipping
Eff.	Effective	Si.	Silicon
F.	Fahrenheit	Spd.	Speed
Fr.	Front	SPEC. (Spec.)	Special
Ft.Lb.	Foot Pounds	Sq.In.	Square Inches
HD	Conventional and COE Heavy Duty Trucks	SS	Sport Sedan
Hg.	Mercury	Stl.	Steel
HP	Horsepower	STW	Station Wagon
Hr.	Hour or Hours	S.W.	Single Wheel
Hy.	Hyatt	Th.	Thickness
I.D.	Inside Diameter	Thd.	Threaded
Int.	Intermediate	Thds.	Threads
Lb. (#)	Pounds	Theo.	Theoretical
LC	1-1/2 ton 160" WB (Long Conv.) Trucks	Tr.	Truck or Trucks
L.C.	Lower Center	Trd.	Tread
LCOE	158-1/8" WB (Long COE) Trucks	Trun.	Trunnion
LCT	Light Commercial Trucks	TS	Town Sedan
LD (LT. DEL.) (1/2 T)	Light Delivery Trucks	U.C.	Upper Center
L.H.	Left Hand	WB	Wheelbase
Lng.	Long or Length	1/2 T	Light Delivery Trucks
LT. DEL. (LD) (1/2 T)	Light Delivery Trucks	3/4 T	3/4 Ton Trucks
M.	Mean	3/4 TS	3/4 Ton Special Trucks
Mat.	Material	3/4 TSL	3/4 Ton Special Long WB Trucks
Max.	Maximum	3/4 TSS	3/4 Ton Special Short WB Trucks

8-12-40. 1-22-41: Data revised.

