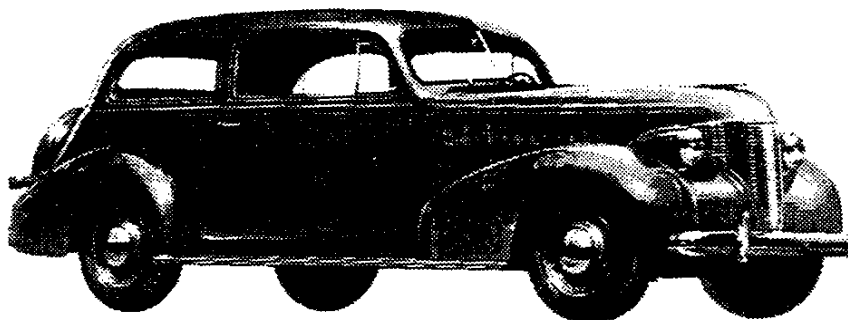


CHEVROLET



1939 Chevrolet. Master Deluxe. coach. HAC

1939

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ORIGINAL

CHEVROLET
1939
SPECIFICATIONS

ISSUED TO

Chae

L. H. G.

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

Manufactured in U. S. A.

CHEVROLET - CENTRAL OFFICE

DIVISION OF GENERAL MOTORS CORPORATION

DETROIT, MICHIGAN

GENERAL MOTORS BUILDING



December 15, 1938

Dear Sir:

The following specifications are prepared for your use. They pertain only to passenger cars and trucks manufactured for domestic service. No information is furnished concerning cars or trucks built on Central Office production orders or vehicles exported to other countries. Except where noted, all data are for cars and trucks with regular equipment. Regular production options are labelled RPO. As it is our practice to check these specifications regularly and to reissue sheets on which changes occur, you may be certain that these data are constantly up-to-date.

This book has been prepared from our conception of your needs, and this conception is based on the types of questions concerning our products which we 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, A-8 General Motors Building, Detroit. We will be pleased to consider your suggestions.

As you will notice, every effort has been made to make the information easy to find. 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 bottom of each page. The index at the rear of the book deals with the details covered by the general subject headings.

Very truly yours,

CHIEF ENGINEER

CHEVROLET 1939 SPECIFICATIONS

REGULAR MODELS								
VEHICLE TYPE	MODEL NAME	RATED CAPACITY	WHEEL BASE	TIRES	REAR WHEELS	MODEL SYMBOL		
Passenger cars & commercial cars on pass. car chassis	Master Deluxe	None	112-1/4"	Reg-ular	Single	JA		
	Master 85					JB		
Commercial Type Trucks	Light Delivery	1/2 Ton	113-1/2"	RPO	Single	Master JC		
	3/4 Ton	3/4 Ton	123-3/4"			Master JD		
	3/4 Ton Special RPO					Master JE		
Utility Type Conventional Trucks	Heavy Duty	1 Ton RPO	133"	Reg-ular	Dual	Master VA		
		1-1/2 Ton		RPO		Master VB		
				Reg-ular		Master Special VB		
			RPO	Master VC				
		Utility Type Cab-Over-Engine Trucks	Heavy Duty	1-1/2 Ton	158-1/2"	Reg-ular	Single	Master VD
					107-5/8"	RPO	Dual	Master VE
Reg-ular	Single					Master VF		
RPO	Dual					Master Special VF		
131-1/8"	Reg-ular				Single	Master VG		
	RPO				Dual	Master VH		
	Reg-ular	Single	Master Special VH					
156-5/8"	Reg-ular	Single	Master VM					
	RPO	Dual	Master Special VM					




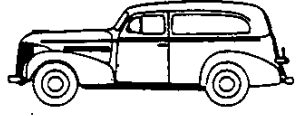
12-15-38. 2-8-39 - 156-5/8" COE model symbols added.

REGULAR MODELS

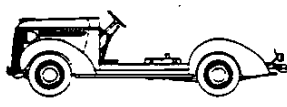
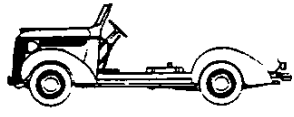
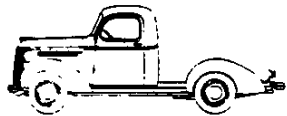
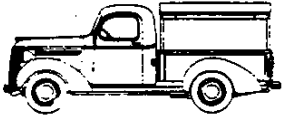
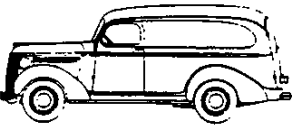
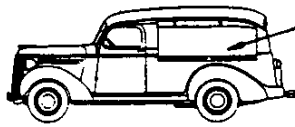
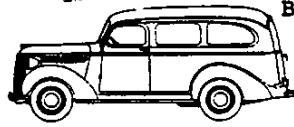
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VEHICLE TYPES—COMMERCIAL CARS—112¼' WHEELBASE (ON PASSENGER CAR CHASSIS)



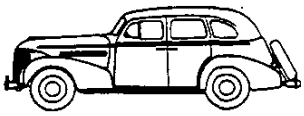
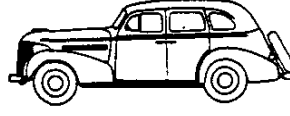

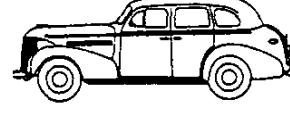
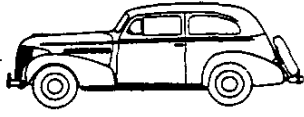
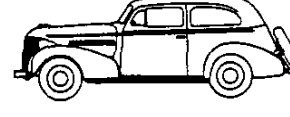
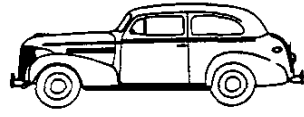
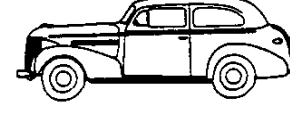
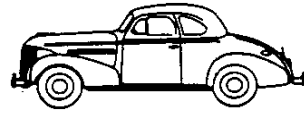
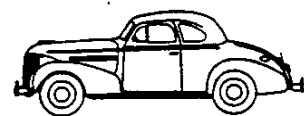

<p>STATION WAGON with rear upper curtain Symbol STWR STATION WAGON with lift gate Symbol STWG (Mounted on MASTER DELUXE chassis)</p> 	<p>STATION WAGON with rear upper curtain Symbol STWR STATION WAGON with lift gate Symbol STWG (Mounted on MASTER 85 chassis)</p> 
<p>8 passenger, 4 door closed body</p> <p>COUPE PICKUP Car symbol CPEB (Mounted on MASTER 85 chassis) Body symbol CPB</p> 	<p>8 passenger, 4 door closed body</p> <p>SEDAN DELIVERY Symbol SDL (Mounted on MASTER 85 chassis)</p>  <p>2 pass. panel body with 1 rear door. Exterior rear view mirror. RPO equipment: screen partition, rear window screen, panel rack & ladder support.</p>

VEHICLE TYPES—LIGHT DELIVERY TRUCKS—113¼' WHEELBASE (HALF-TON RATED CAPACITY)

<p>STRIPPED CHASSIS (RPO) No symbol</p> <p>Less sheet metal, running boards, fenders, bumpers, and spare tire.</p>	<p>CHASSIS WITH FLAT FACE COWL Symbol CCH</p>  <p>For mounting bodies other than Chevrolet</p>	<p>CHASSIS WITH COWL AND WINDSHIELD (RPO) No symbol</p>  <p>For mounting bodies other than Chevrolet</p>
<p>CHASSIS WITH CAB Symbol CCAB</p>  <p>For mounting bodies other than Chevrolet</p>	<p>PICKUP TRUCK Truck symbol CCBX Body symbol PUB Top symbol PUBT</p>  <p>Chassis, Cab, and pickup box (Top-Special equipment)</p>	<p>PANEL TRUCK Truck symbol CPAN Body symbol CPN</p>  <p>Panel body with 2 rear doors.</p>
<p>CANOPY EXPRESS TRUCK</p> <p>No truck symbol Body symbol CXST No screen symbol</p>  <p>Side screens are R.P.O. equipment</p> <p>Open side body with steel canopy roof and tail gate.</p>	<p>CLOSED (CARRYALL) SUBURBAN</p> <p>With tail gate and upper door, truck symbol CSUBG Body symbol CCSG</p> <p>With panel type rear doors, truck symbol CSUBD Body symbol CCS</p>  <p>8 passenger closed body.</p>	

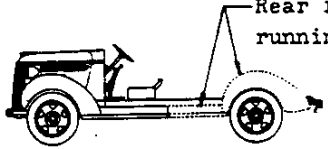
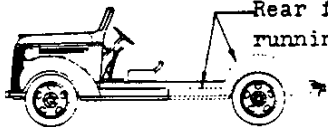

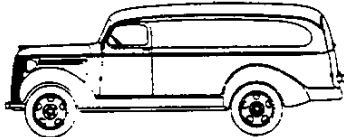
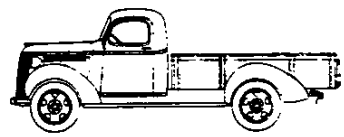
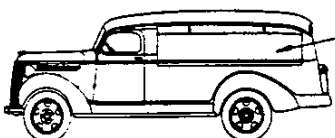
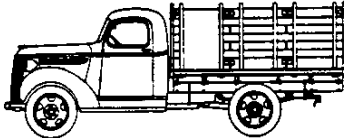
12-15-38. 4-21-39 Station Wagon, Sedan Delivery, Stripped Chassis and Closed Suburban revised.

CHEVROLET 1939 SPECIFICATIONS

MASTER DELUXE		MASTER 85	
<p>CHASSIS WITH COWL AND WINDSHIELD</p> <p>Symbol PCH</p>  <p>For mounting bodies other than Chevrolet.</p>		<p>CHASSIS WITH COWL AND WINDSHIELD</p> <p>Symbol PCH</p>  <p>For mounting bodies other than Chevrolet.</p>	
<p>SEDAN</p> <p>Symbol SED</p>  <p>5 passenger, 4 door closed body.</p>		<p>SEDAN</p> <p>Symbol SED</p>  <p>5 passenger, 4 door closed body.</p>	
<p>CLUB SEDAN (SPORT SEDAN)</p> <p>Symbol CSED</p>  <p>5 passenger, 4 door closed body with trunk.</p>		<p>CLUB SEDAN (SPORT SEDAN)</p> <p>Symbol CSED</p>  <p>5 passenger, 4 door closed body with trunk.</p>	
<p>COACH</p> <p>Symbol COA</p>  <p>5 passenger, 2 door closed body.</p>		<p>COACH</p> <p>Symbol COA</p>  <p>5 passenger, 2 door closed body.</p>	
<p>TOWN SEDAN</p> <p>Symbol TSED</p>  <p>5 passenger, 2 door closed body with trunk.</p>		<p>TOWN SEDAN</p> <p>Symbol TSED</p>  <p>5 passenger, 2 door closed body with trunk.</p>	
<p>COUPE 4 (FOUR PASSENGER COUPE)</p> <p>Symbol CPE4</p>  <p>4 passenger, 2 door closed body with 2 opera seats. Luggage compartment in rear deck. 5 windows.</p>			
<p>COUPE 2 (BUSINESS COUPE)</p> <p>Symbol CPE2</p>  <p>2 passenger, 2 door closed body with luggage compartments in body and rear deck. 5 windows.</p>		<p>COUPE 2 (BUSINESS COUPE)</p> <p>Symbol CPE2</p>  <p>2 passenger, 2 door closed body with luggage compartments in body and rear deck. 5 windows.</p>	

VEHICLE TYPES-HEAVY DUTY CONVENTIONAL TRUCKS-133' WHEELBASE (ONE-TON RATED CAPACITY-SINGLE REAR WHEELS)

* NOTE - These trucks are the same as the Heavy Duty Conventional 1-1/2 Ton Trucks with single rear wheels except that lighter rear springs with 6.00-20-6 ply tires are used.

<p>STRIPPED CHASSIS (RPO) No symbol</p> <p>Less sheet metal, running boards, fenders, bumpers, and spare tire.</p> <p>For mounting bodies other than Chevrolet.</p>	<p>CHASSIS WITH FLAT FACE COWL (RPO) No symbol</p> <p>Rear fenders and long running boards (RPO).</p>  <p>For mounting bodies other than Chevrolet.</p>
<p>CHASSIS WITH COWL AND WINDSHIELD(RPO) No symbol</p> <p>Rear fenders and long running boards (RPO).</p>  <p>For mounting bodies other than Chevrolet.</p>	<p>CHASSIS WITH CAB(RPO) No symbol</p> <p>Rear fenders and long running boards (RPO).</p>  <p>For mounting bodies other than Chevrolet.</p>
<p>PANEL TRUCK Truck symbol UPAN Body symbol UPN</p>  <p>Panel body with 2 rear doors.</p>	<p>PICKUP TRUCK(RPO) No truck symbol Body symbol UX</p>  <p>Chassis, cab, and pickup box.</p>
<p>CANOPY EXPRESS TRUCK(RPO) No truck symbol Body symbol UXST No screen symbol</p> <p>Side screens are RPO equipment.</p>  <p>Open side body with steel canopy roof & tail gate.</p>	<p>STAKE TRUCK(RPO) No truck symbol Platform symbol UPLA Stakes symbol USTA</p>  <p>Chassis, cab, platform, and stakes. (Also available without stake equipment).</p>

VEHICLE TYPES-HEAVY DUTY CONVENTIONAL TRUCKS-133' WHEELBASE (1½-TON RATED CAPACITY)





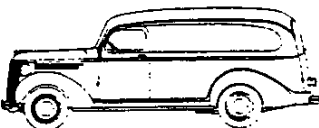
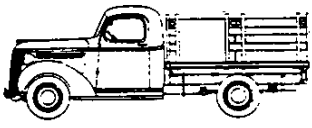
SINGLE REAR WHEELS	DUAL REAR WHEELS
<p>STRIPPED CHASSIS(RPO) No symbol</p> <p>Less sheet metal, running boards, fenders, bumpers, and spare tire.</p> <p>For mounting bodies other than Chevrolet.</p>	<p>STRIPPED CHASSIS(RPO) No symbol</p> <p>Less sheet metal, running boards, fenders, bumpers, and spare tire.</p> <p>For mounting bodies other than Chevrolet.</p>

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12-15-38. 4-21-39, *- 6.00-20-6 ply tires added. Chassis, Chassis with Cab and Canopy Express descriptions revised.




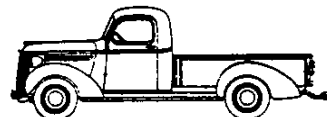
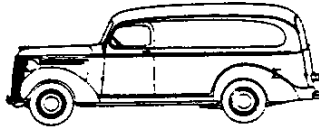
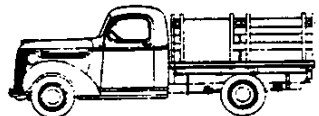
CHEVROLET 1939 SPECIFICATIONS

VEHICLE TYPES—3/4-TON TRUCKS—123 3/4' WHEELBASE.

<p>STRIPPED CHASSIS(RPO) No symbol</p> <p>Less sheet metal, running boards, fenders, bumpers, and spare tire.</p> <p>For mounting bodies other than Chevrolet.</p>	<p>CHASSIS WITH FLAT FACE COWL Symbol CLCH</p> <p>Rear fenders and long running boards (RPO).</p>  <p>For mounting bodies other than Chevrolet.</p>	<p>CHASSIS WITH COWL AND WINDSHIELD(RPO) No symbol</p> <p>Rear fenders and long running boards (RPO)</p>  <p>For mounting bodies other than Chevrolet.</p>
<p>CHASSIS WITH CAB Symbol CLCA</p> <p>Rear fenders and long running boards (RPO).</p>  <p>For mounting bodies other than Chevrolet.</p>	<p>PICKUP TRUCK Truck symbol CLBX</p> <p>Body symbol CLPUE</p>  <p>Chassis, cab, and pickup box.</p>	
<p>PANEL TRUCK Truck symbol CLPAN</p> <p>Body symbol CLPN</p>  <p>Panel body with 2 rear doors.</p>	<p>STAKE TRUCK Truck symbol CLST</p> <p>Platform symbol CLPLA</p> <p>Stakes symbol CLSTA</p>  <p>Chassis, cab, platform, and stakes. (Also available without stake equipment.)</p>	

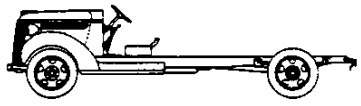
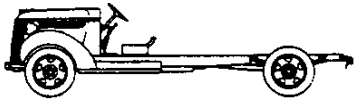
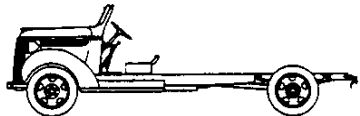
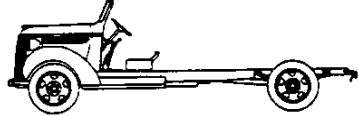
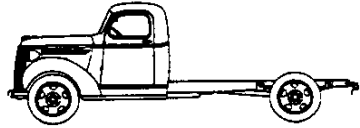
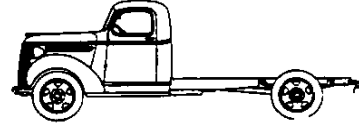
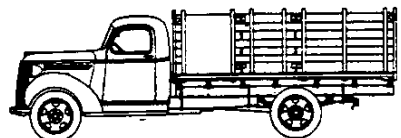

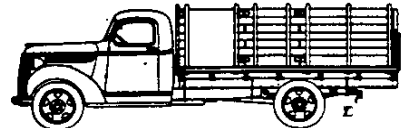

VEHICLE TYPES—3/4-TON SPECIAL TRUCKS—123 3/4' WHEELBASE.

NOTE: These trucks are the same as the 3/4 TON TRUCKS except that heavier rear springs and tires, larger rear brakes and stronger wheels are used. This equipment is RPO equipment.

<p>CHASSIS WITH FLAT FACE COWL (RPO) No symbol</p> <p>Rear fenders and long running boards (RPO).</p>  <p>For mounting bodies other than Chevrolet.</p>	<p>CHASSIS WITH COWL AND WINDSHIELD (RPO) No symbol</p> <p>Rear fenders and long running boards (RPO).</p>  <p>For mounting bodies other than Chevrolet.</p>
<p>CHASSIS WITH CAB (RPO) No symbol</p> <p>Rear fenders and long running boards (RPO).</p>  <p>For mounting bodies other than Chevrolet.</p>	<p>PICKUP TRUCK (RPO) No truck symbol</p> <p>Body symbol CLPUE</p>  <p>Chassis, cab, and pickup box.</p>
<p>PANEL TRUCK (RPO) No truck symbol</p> <p>Body symbol CLPN</p>  <p>Panel body with 2 rear doors.</p>	<p>STAKE TRUCK (RPO) No truck symbol</p> <p>Platform symbol CLPLA</p> <p>Stakes symbol CLSTA</p>  <p>Chassis, cab, platform, and stakes. (Also available without stake equipment.)</p>

12-15-38. 4-21-39, Chassis and Chassis with Cab descriptions revised.

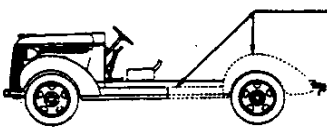
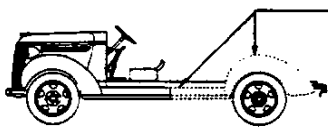
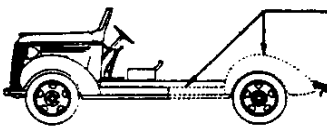
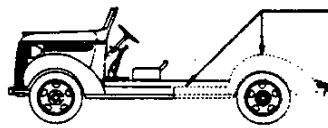
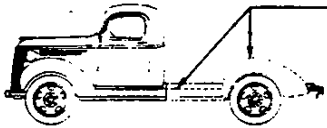
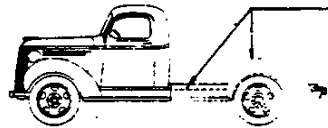
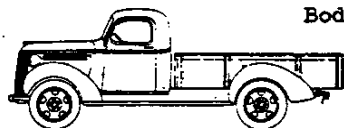
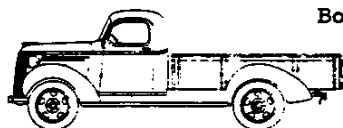
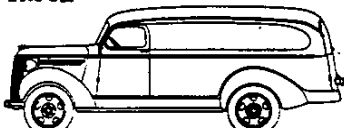
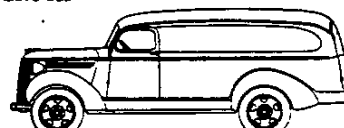
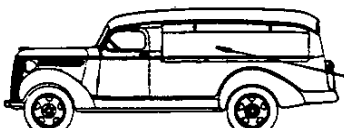
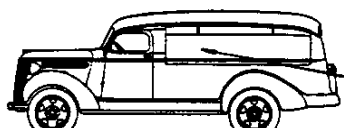
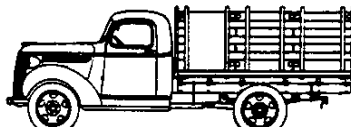
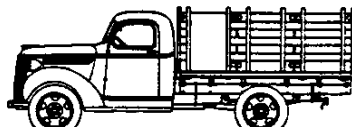
VEHICLE TYPES—HEAVY DUTY CONVENTIONAL TRUCKS— 158½' WHEELBASE (1½-TON RATED CAPACITY)

SINGLE REAR WHEELS	DUAL REAR WHEELS
<p>STRIPPED CHASSIS (RPO) No symbol</p> <p>Less sheet metal, running boards, fenders, bumpers, and spare tire.</p> <p>For mounting bodies other than Chevrolet.</p>	<p>STRIPPED CHASSIS (RPO). No symbol</p> <p>Less sheet metal, running boards, fenders, bumpers, and spare tire.</p> <p>For mounting bodies other than Chevrolet.</p>
<p>CHASSIS WITH FLAT FACE COWL Symbol ULCH</p>  <p>For mounting bodies other than Chevrolet.</p>	<p>CHASSIS WITH FLAT FACE COWL Symbol DLCH</p>  <p>For mounting bodies other than Chevrolet.</p>
<p>CHASSIS WITH COWL & WINDSHIELD(RPO) No symbol</p>  <p>For mounting bodies other than Chevrolet.</p>	<p>CHASSIS WITH COWL & WINDSHIELD(RPO) No symbol</p>  <p>For mounting bodies other than Chevrolet.</p>
<p>CHASSIS WITH CAB Symbol ULCA</p>  <p>For mounting bodies other than Chevrolet.</p>	<p>CHASSIS WITH CAB Symbol DLCA</p>  <p>For mounting bodies other than Chevrolet.</p>
<p>STAKE TRUCK No truck symbol Platform symbol DPLA Stakes symbol DSTA</p>  <p>Chassis, cab, platform, and stakes. (Also available without stake equipment.)</p>	<p>STAKE TRUCK Truck symbol DLST Platform symbol DPLA Stakes symbol DSTA</p>  <p>Chassis, cab, platform, and stakes. (Also available without stake equipment.)</p>
<p>STAKE EXPRESS TRUCK No truck symbol Platform symbol DPLX Stakes symbol DSTX</p>  <p>Chassis, cab, platform, stakes, and tail gate. (Also available without stake equipment.)</p>	<p>STAKE EXPRESS TRUCK No truck symbol Platform symbol DPLX Stakes symbol DSTX</p>  <p>Chassis, cab, platform, stakes, and tail gate. (Also available without stake equipment.)</p>

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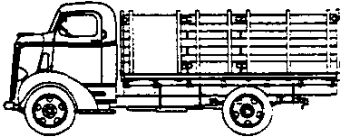
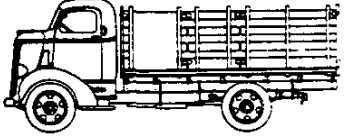
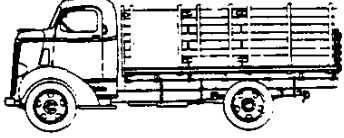
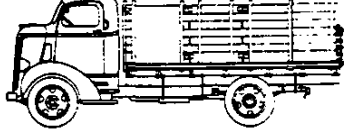
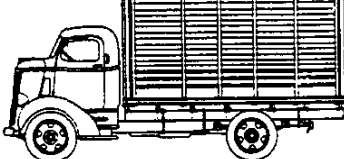
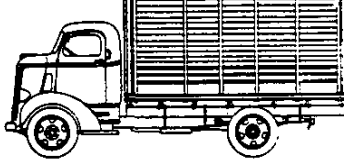
12-15-38. 4-21-39, Stripped chassis descriptions revised.

CHEVROLET 1939 SPECIFICATIONS

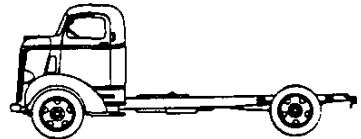
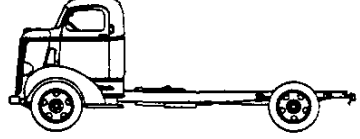
VEHICLE TYPES—HEAVY DUTY CONVENTIONAL TRUCKS— 133' WHEELBASE (Continued) (1½-TON RATED CAPACITY)	
SINGLE REAR WHEELS	DUAL REAR WHEELS
<p>CHASSIS WITH FLAT FACE COWL Symbol UCH</p>  <p>Rear fenders and long running boards (RPO).</p> <p>For mounting bodies other than Chevrolet.</p>	<p>CHASSIS WITH FLAT FACE COWL Symbol DCF</p>  <p>Rear fenders and long running boards (RPO).</p> <p>For mounting bodies other than Chevrolet.</p>
<p>CHASSIS WITH COWL & WINDSHIELD(RPO) No symbol</p>  <p>Rear fenders and long running boards (RPO).</p> <p>For mounting bodies other than Chevrolet.</p>	<p>CHASSIS WITH COWL & WINDSHIELD(RPO) No symbol</p>  <p>Rear fenders and long running boards (RPO).</p> <p>For mounting bodies other than Chevrolet.</p>
<p>CHASSIS WITH CAB Symbol UCAB</p>  <p>Rear fenders and long running boards (RPO).</p> <p>For mounting bodies other than Chevrolet.</p>	<p>CHASSIS WITH CAB Symbol DCAE</p>  <p>Rear fenders and long running boards (RPO).</p> <p>For mounting bodies other than Chevrolet.</p>
<p>PICKUP TRUCK No truck symbol Body symbol UX</p>  <p>Chassis, cab, and pickup box.</p>	<p>PICKUP TRUCK No truck symbol Body Symbol UX</p>  <p>Chassis, cab, and pickup box.</p>
<p>PANEL TRUCK* Truck symbol UPAN Body symbol UPN</p>  <p>Panel body with 2 rear doors.</p>	<p>PANEL TRUCK No truck symbol Body symbol UPN</p>  <p>Panel body with 2 rear doors.</p>
<p>CANOPY EXPRESS TRUCK No truck symbol Body symbol UXST</p>  <p>Side screens are RPO equipment.</p> <p>Open side body with steel canopy roof & tail gate.</p>	<p>CANOPY EXPRESS TRUCK No truck symbol Body symbol UXST</p>  <p>Side screens are RPO equipment.</p> <p>Open side body with steel canopy roof & tail gate.</p>
<p>STAKE TRUCK No truck symbol Platform symbol UPLA Stakes symbol USTA</p>  <p>Chassis, cab, platform, and stakes. (Also available without stake equipment.)</p>	<p>STAKE TRUCK Truck symbol DST Platform symbol UPLA Stakes symbol USTA</p>  <p>Chassis, cab, platform, and stakes. (Also available without stake equipment.)</p>

12-15-38. 4-21-39, * added. Chassis, chassis with cab, and canopy express descriptions revised.

VEHICLE TYPES—HEAVY DUTY CAB-OVER-ENGINE TRUCKS— 131½' WHEELBASE (Continued) (1½-TON RATED CAPACITY)

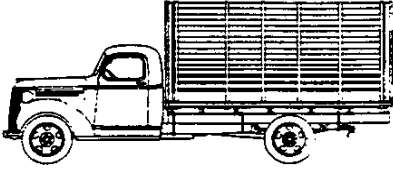
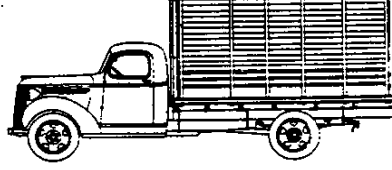
SINGLE REAR WHEELS	DUAL REAR WHEELS
<p>STAKE TRUCK</p> <p>No truck symbol Platform symbol FDLPL Stakes symbol FDSTA</p>  <p>Chassis, cab, platform, and stakes (Also available without stake equipment).</p>	<p>STAKE TRUCK</p> <p>Truck symbol FDLST Platform symbol FDLPL Stakes symbol FLSTA</p>  <p>Chassis, cab, platform, and stakes (Also available without stake equipment).</p>
<p>STAKE EXPRESS TRUCK</p> <p>No truck symbol Platform symbol FDLPX Stakes symbol FDSTX</p>  <p>Chassis, cab, platform, stakes, and tail gate.</p>	<p>STAKE EXPRESS TRUCK</p> <p>No truck symbol Platform symbol FDLPX Stakes symbol FDSTX</p>  <p>Chassis, cab, platform, stakes, and tail gate.</p>
<p>STOCK RACK TRUCK</p> <p>No truck symbol Platform symbol FDLPL Stakes symbol FDSTO</p>  <p>Chassis, cab, platform, and high stakes.</p>	<p>STOCK RACK TRUCK</p> <p>No truck symbol Platform symbol FDLPL Stakes symbol FDSTO</p>  <p>Chassis, cab, platform, and high stakes.</p>

VEHICLE TYPES—HEAVY DUTY CAB-OVER-ENGINE TRUCKS— 156½' WHEELBASE (1½-TON RATED CAPACITY)

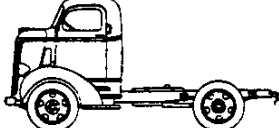
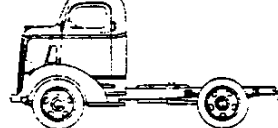
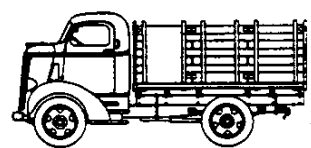
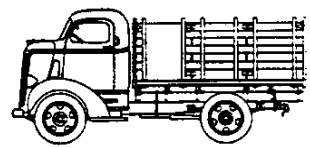
SINGLE REAR WHEELS	DUAL REAR WHEELS
<p>CHASSIS WITH CAB</p> <p>Symbol FVCA</p>  <p>For mounting bodies other than Chevrolet.</p>	<p>CHASSIS WITH CAB</p> <p>Symbol FDVCA</p>  <p>For mounting bodies other than Chevrolet.</p>

CHEVROLET 1939 SPECIFICATIONS

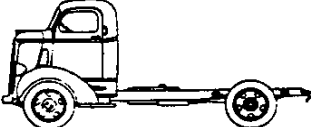
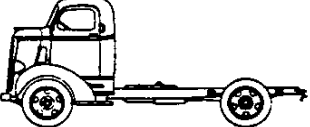
VEHICLE TYPES—HEAVY DUTY CONVENTIONAL TRUCKS— 158½' WHEELBASE (Continued) (1½-TON RATED CAPACITY)

SINGLE REAR WHEELS	DUAL REAR WHEELS
STOCK RACK (or HIGH RACK) TRUCK No truck symbol Platform symbol DPLA Stakes symbol DSTO	STOCK RACK (or HIGH RACK) TRUCK No truck symbol Platform symbol DPLA Stakes symbol DSTO
 <p>Chassis, cab, platform, and high stakes.</p>	 <p>Chassis, cab, platform, and high stakes.</p>

VEHICLE TYPES—HEAVY DUTY CAB-OVER-ENGINE TRUCK—107½' WHEELBASE. (1½-TON RATED CAPACITY)

SINGLE REAR WHEELS	DUAL REAR WHEELS
CHASSIS WITH CAB Symbol FCAB	CHASSIS WITH CAB Symbol FDCA
 <p>For mounting bodies other than Chevrolet.</p>	 <p>For mounting bodies other than Chevrolet.</p>
STAKE TRUCK No truck symbol Platform symbol FDPL Stakes symbol FUSTA	STAKE TRUCK Truck symbol FDST Platform symbol FDPL Stakes symbol FUSTA
 <p>Chassis, cab, platform, and stakes. (Also available without stake equipment).</p>	 <p>Chassis, cab, platform, and stakes. (Also available without stake equipment).</p>

VEHICLE TYPES—HEAVY DUTY CAB-OVER-ENGINE TRUCKS—131½' WHEELBASE (1½-TON RATED CAPACITY)

SINGLE REAR WHEELS	DUAL REAR WHEELS
CHASSIS WITH CAB Symbol FLCA	CHASSIS WITH CAB Symbol FDLCA
 <p>For mounting bodies other than Chevrolet.</p>	 <p>For mounting bodies other than Chevrolet.</p>

CONTINUED

VEHICLE WEIGHT CONDITIONS

SHIPPING WEIGHT - Total weight of vehicle with all regular equipment. This includes front bumpers on all models, rear bumpers (except on 3/4 Ton and 3/4 Ton Special stake trucks and all Heavy Duty trucks) bumper guards on all Master Deluxe models (except rear bumper guards on Station Wagon) spare wheel, tire (except Heavy Duty), tool kit, and grease or oil in all units. On passenger body types where the spare tire is carried outside the

body, the shipping weight includes tire cover and lock.

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.

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 driver, payload, gasoline, and water.

PASSENGER CAR WEIGHTS				
	MASTER DELUXE		MASTER B5	
	Shipping	Curb	Shipping	Curb
Chassis with Cowl and Windshield (Short Sill)	2165#	2280#	2100#	2215#
On front wheels	1325#	1340#	1300#	1315#
On rear wheels	840#	940#	800#	900#
Sedan	2875#	2990#	2805#	2920#
On front wheels	1460#	1475#	1420#	1435#
On rear wheels	1415#	1515#	1385#	1485#
Sport Sedan	2910#	3025#	2845#	2960#
On front wheels	1470#	1485#	1435#	1450#
On rear wheels	1440#	1540#	1410#	1510#
Coach	2865#	2980#	2795#	2910#
On front wheels	1455#	1470#	1410#	1425#
On rear wheels	1410#	1510#	1385#	1485#
Town Sedan	2875#	2990#	2820#	2935#
On front wheels	1465#	1480#	1425#	1440#
On rear wheels	1410#	1510#	1395#	1495#
Business Coupe	2845#	2985#	2780#	2920#
On front wheels	1485#	1535#	1435#	1485#
On rear wheels	1360#	1450#	1345#	1435#
Four-Passenger Coupe	2845#	2960#	- - -	- - -
On front wheels	1450#	1465#	- - -	- - -
On rear wheels	1395#	1495#	- - -	- - -
Coupe Pickup	- - -	- - -	2925#	3065#
On front wheels	- - -	- - -	1415#	1465#
On rear wheels	- - -	- - -	1510#	1600#
Sedan Delivery	- - -	- - -	2825#	2965#
On front wheels	- - -	- - -	1415#	1465#
On rear wheels	- - -	- - -	1410#	1500#
Station Wagon	3060#	3175#	3010#	3125#
On front wheels	1480#	1495#	1440#	1455#
On rear wheels	1580#	1680#	1570#	1670#

NOTE - When any of the above models are equipped with Vacuum Gearshift, add 20# to the weight shown.

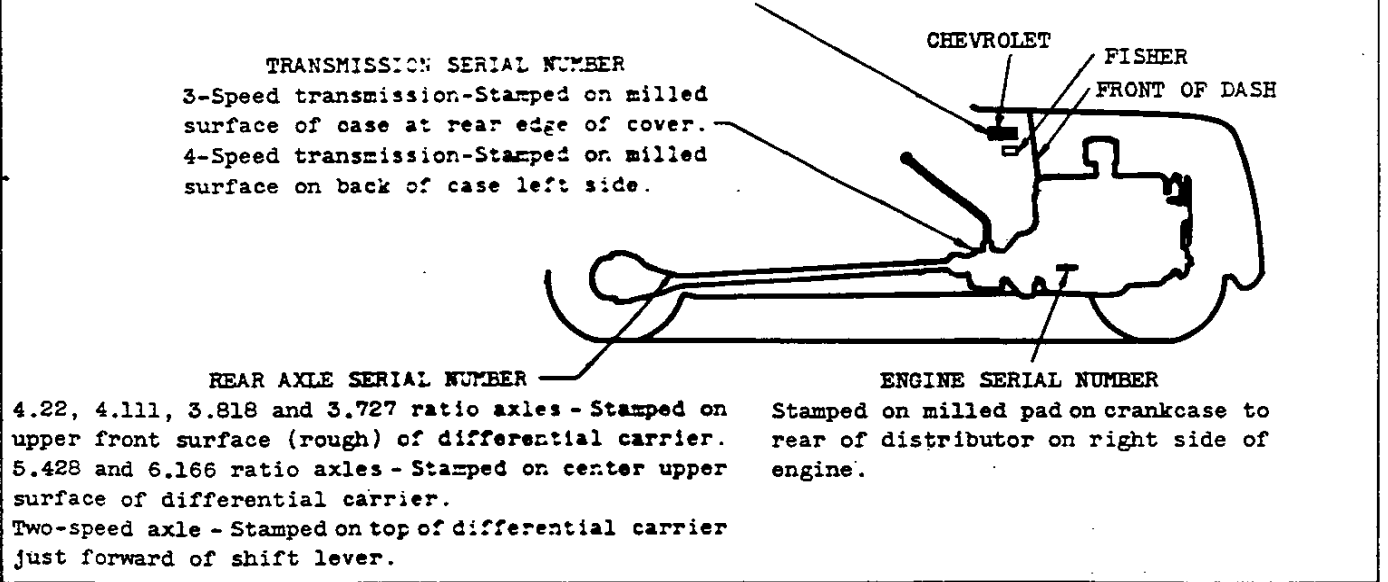
12-15-38. 2-8-39 - Shipping weight description revised, Chassis and Coupe Pickup weights added, Station Wagon weights revised.

CHEVROLET 1939 SPECIFICATIONS

UNIT SERIAL NUMBERS

UNITS		PASSENGER CARS		CONVENTIONAL TRUCKS			HEAVY DUTY COE TRUCKS
		MASTER DELUXE	MASTER 85	LIGHT DELIVERY	3/4 TON	3/4 TON SPECIAL	
Vehicle	Numbers	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; 4-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, 1JB04-64282 is the serial number of the 64282nd 1939 Master 85 passenger car, and was made at Flint in April.					
Engine	Numbers	Engine serial numbers start at 1915447 at Flint and at B-10503 at Tonawanda. The number is preceded by prefix letters designating the various models and plants as shown below.					
	Flint	No prefix		K	AT	T	H
	Tonawanda	B		KB	ATB	TB	- - -
Transmission	Numbers	Transmission serial numbers start with the numbers listed below and continue in numerical sequence up to 99999 for each model and plant as indicated by the prefix letter. When the numbers reach 99999 they start over again with 00001 and are preceded by the next alphabetical prefix letter. Examples; SG changes to SH, TD changes to TE etc. The letters O and Q are omitted.					
	Toledo	- - - - -				TD-44272	
	Saginaw	SG-79135		SN-66341	- - - - -		- - - - -
	Muncie	MY-23428		- - -	Y-17135		N-87075
Rear axle	Numbers	Rear axle serial numbers start at the numbers listed below with the prefix letters for the various plants and models as shown.					
	Detroit	REG	1583367	C-1583367	1583367	T-1583367	1001
		RPO	- - -	- - -	F-1583367	- - -	H-1001 (6.166 A.)
		RPO	- - - - -				2H-1001 (2 Speed A.)
	Tonawanda	REG	B-11499	CB-11499	B-11499	TB-11499	B-1001
RPO		- - -	- - -	FB-11499	- - -	HB-1001 (6.166 A.)	

SERIAL NUMBER LOCATIONS * - VEHICLE SERIAL NUMBER - Stamped on plate under hood on right side of cowl panel. "C" stamped in upper right corner of plate on passenger cars with conventional gearshift.



12-15-38. 4-21-39, * Revised.

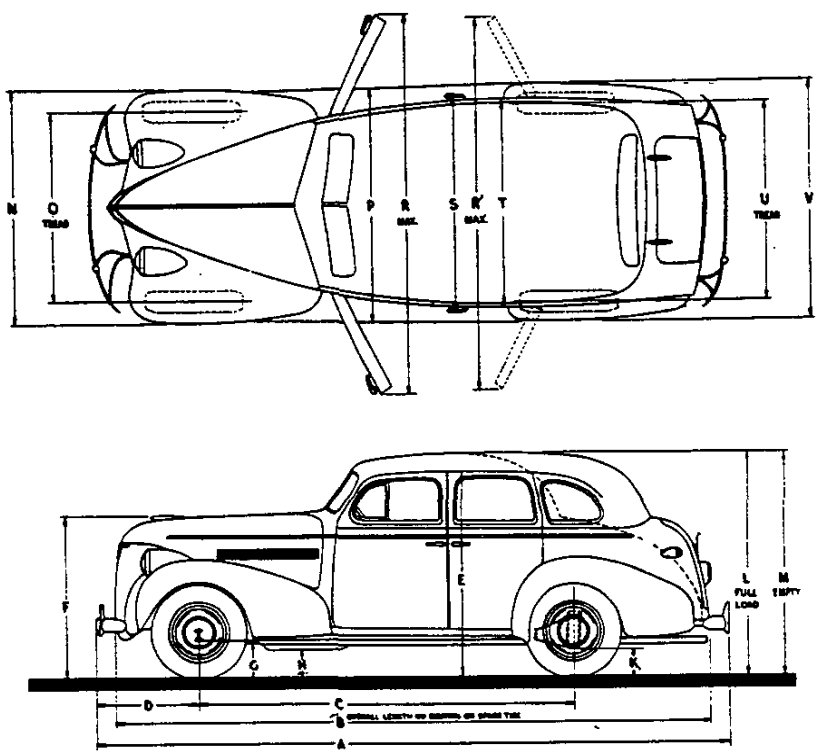
CHEVROLET 1939 SPECIFICATIONS

COMMERCIAL TYPE TRUCK WEIGHTS						
CHASSIS AND BODY TYPES (Regular equipment)	LIGHT DELIVERY		3/4 TON		3/4 TON SPECIAL	
	Shipping	Curb	Shipping	Curb	Shipping	Curb
Stripped Chassis						
On front wheels						
On rear wheels						
Chassis with Flat Face Cowl	2185#	2315#	2355#	2495#	* 2540#	* 2680#
On front wheels	1325#	1385#	1415#	1480#	1465#	1530#
On rear wheels	860#	930#	940#	1015#	1075#	1150#
Chassis with Cowl and Windshield						
On front wheels						
On rear wheels						
Chassis with Cab	2580#	2720#	2745#	2885#	* 2930#	* 3070#
On front wheels	1540#	1625#	1625#	1710#	1675#	1760#
On rear wheels	1040#	1095#	1120#	1175#	1255#	1310#
Pickup truck	2785#	2925#	3035#	3175#	* 3220#	* 3360#
On front wheels	1510#	1595#	1645#	1730#	1710#	1795#
On rear wheels	1275#	1330#	1390#	1445#	1510#	1565#
Panel truck	3030#	3160#	3275#	3415#	* 3455#	* 3595#
On front wheels	1485#	1545#	1600#	1665#	1655#	1720#
On rear wheels	1545#	1615#	1675#	1750#	1800#	1875#
Canopy Express truck	* 3025#	* 3155#	- - -	- - -	- - -	- - -
On front wheels	1495#	1555#	- - -	- - -	- - -	- - -
On rear wheels	1530#	1600#	- - -	- - -	- - -	- - -
Carryall Suburban truck	* 3210#	* 3340#	- - -	- - -	- - -	- - -
On front wheels	1495#	1555#	- - -	- - -	- - -	- - -
On rear wheels	1715#	1785#	- - -	- - -	- - -	- - -
Stake Rack truck	- - -	- - -	3305#	3445#	* 3490#	* 3630#
On front wheels	- - -	- - -	1655#	1740#	1735#	1820#
On rear wheels	- - -	- - -	1650#	1705#	1755#	1810#

NOTE - For weight conditions see page 14; for Gross Allowable weights see page 17.

12-15-38. 2-8-39 - weight groups marked (*) added or revised.

PASSENGER CAR EXTERIOR DIMENSIONS



MASTER DELUXE						MASTER 85							
	SPORT SEDAN	TOWN SEDAN	SEDAN	COACH	BUSINESS COUPE	FOUR PASSENGER COUPE	SPORT SEDAN	TOWN SEDAN	SEDAN	COACH	BUSINESS COUPE		
A	188"		190-1/4"			188"			190-1/4"		188"	A	
B	176-1/8"												B
C	112-1/4"												C
D	30-3/4"												D
E	60-1/2"				60"		60-1/2"				60"	E	
F			48-7/32"				49-15/32"					F	
G			9-5/16"				* 8-5/8"					G	
H			8-1/4"				8-7/8"					H	
K	8-1/2"												K
L	66-15/16"				66-5/16"		66-11/16"				66-5/16"	L	
M	69-7/16"				68-13/16"		69-7/16"				68-13/16"	M	
N	70-1/4"												N
O	57-17/32"						56-3/8"						O
P	72"						71-1/2"						P
R	120-1/4"	139"	120-1/4"	139"	131"		120-1/4"	139"	120-1/4"	139"	131"	R	
R	115"	None	115"	None	None		115"	None	115"	None	None	R	
S	67-1/4" (except coupes)												S
T	62-1/2" (except coupes)												T
U	59"												U
V	71-5/16"												V

12-15-38. 2-8-39 - * Was 8-5/8".

CHEVROLET 1939 SPECIFICATIONS

TRUCK GROSS ALLOWABLE WEIGHTS					
MODEL	NOMINAL RATING	FRONT TIRES	REAR TIRES	GROSS WEIGHT	EQUIPMENT
LIGHT DELIVERY	1/2 TON	6.00 x 16-4 Ply	6.00 x 16-4 Ply	4400#	A
		6.00 x 16-6 Ply	6.00 x 16-6 Ply	4600# +	
3/4 TON	3/4 TON	15"-6 Ply	15"-6 Ply	5200#	B
	3/4 TON SPECIAL	7.00 x 17-6 Ply	7.00 x 17-6 Ply	5800# +	
HEAVY DUTY	● 1 TON (CONVENTIONAL)	6.00 x 20-6 Ply	6.00 x 20-6 Ply	6700#	A
	1-1/2 TON CONVENTIONAL AND CAB-OVER-ENGINE	6.00 x 20-6 Ply	32 x 6-8 Ply	7700#	
		6.00 x 20-6 Ply	32 x 6-10 Ply	8000#	
		6.00 x 20-6 Ply	6.00 x 20-6 Ply	9500#	
		6.50 x 20-6 Ply	32 x 6-10 Ply	11,500# +	
	1-1/2 TON CONVENTIONAL AND CAB-OVER-ENGINE WITH TWO-SPEED REAR AXLE	6.50 x 20-6 Ply	32 x 6-10 Ply	13,500# +	D
		6.50 x 20-6 Ply	32 x 6-10 Ply	13,500# +	E
		6.50 x 20-6 Ply	32 x 6-8 Ply	9500#	F
		32 x 6-8 Ply	32 x 6-10 Ply	11,500#	G
		32 x 6-8 Ply	32 x 6-10 Ply	13,500#	H
	32 x 6-8 Ply	34 x 7-10 Ply	12,000# +	G	
	32 x 6-8 Ply	34 x 7-10 Ply	14,000# +	H	

+ PLATES AS SUPPLIED WITH EACH VEHICLE SHOW MAXIMUM LOAD RATINGS.

EQUIPMENT DATA

A - Single rear tires only. F - Dual rear tires and two-speed 5.64 and 8.22 axle.

B - Single rear tires, 9 leaf rear spring and 14 inch rear brakes. G - Dual rear tires, auxiliary rear springs, and two speed 5.64 and 8.22 rear axle.

C - Dual rear tires only. H - Dual rear tires, auxiliary rear springs, two speed 5.64 and 8.22 rear axle and governor set not to exceed 45 MPH.

D - Dual rear tires, auxiliary rear springs, and 6.17 rear axle. ● - Light rear springs (8 leaves).

E - Dual rear tires, auxiliary rear springs, 6.17 axle, and governor set not to exceed 45 MPH.

TRUCK EQUIPMENT WEIGHTS	LIGHT DELIVERY	3/4 TON	3/4 TON SPECIAL	H.D. 133" COE 107-5/8"	H.D.158-1/2" COE 131-1/8"	COE 156-5/8"
Cab	Conventional truck cab 488*		Cab-Over-Engine cab 520*			
Flat face cowl	78					
cowl and windshield	107*					
Pickup box body	230	260 ?	460 ?	- - -	- - -	- - -
Pickup top and curtains	100	- - -	- - -	- - -	- - -	- - -
Carryall suburban body	- - -	- - -	- - -	- - -	- - -	- - -
Panel body	919	- - -	- - -	1093	- - -	- - -
Canopy express body	- - -	- - -	- - -	- - -	- - -	- - -
Canopy express screens	- - -	- - -	- - -	- - -	- - -	- - -
Stake platform	- - -	370	508*	640*	- - -	- - -
Stake racks	- - -	180	258*	304*	- - -	- - -
Stock racks	- - -	- - -	- - -	554*	- - -	- - -
Express platform	- - -	- - -	- - -	614*	- - -	- - -
Express racks	- - -	- - -	- - -	354*	- - -	- - -
5.50 x 18-4 Ply tire and wheel	51-1/2	- - -	- - -	- - -	- - -	- - -
6.00 x 16-4 Ply tire and wheel	43-1/4	- - -	- - -	- - -	- - -	- - -
6.00 x 16-6 Ply tire and wheel	49-3/4	- - -	- - -	- - -	- - -	- - -
6.00 x 20-6 Ply tire and wheel	- - -	- - -	- - -	85	- - -	- - -
6.50 x 20-6 Ply tire and wheel	- - -	- - -	- - -	90	- - -	- - -
15" - 6 Ply tire and wheel	61-1/4	- - -	- - -	- - -	- - -	- - -
7.00 x 17-6 Ply tire and wheel	- - -	- - -	78	- - -	- - -	- - -
30 x 5-6 Ply tire and wheel	- - -	- - -	- - -	85	- - -	- - -
32 x 6-6 Ply tire and wheel	- - -	- - -	- - -	100	- - -	- - -
32' x 6-10 Ply tire and wheel	- - -	- - -	- - -	125	- - -	- - -
34 x 7-10 Ply tire and wheel	- - -	- - -	- - -	168.5*	- - -	- - -
Auxiliary rear spring equipment	- - -	- - -	- - -	70*	- - -	- - -

12-15-38. 2-8-39 - *Weights added.

VEHICLE WEIGHTS

PASSENGER CAR LUGGAGE SPACE

SPORT SEDAN & TOWN SEDAN

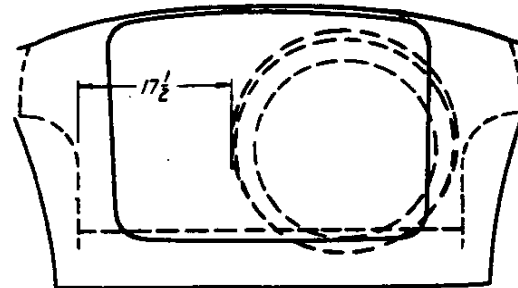
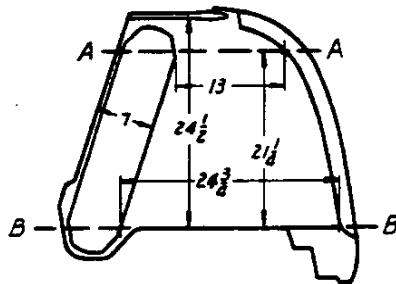
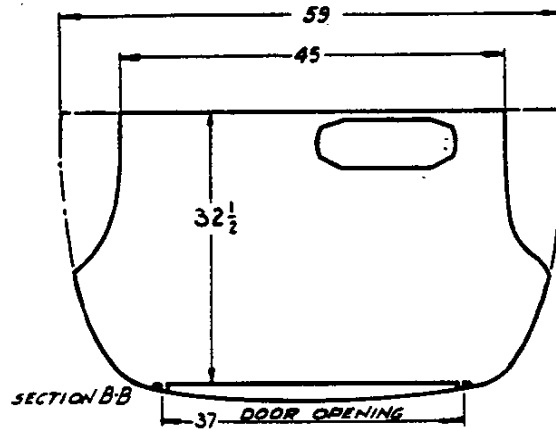
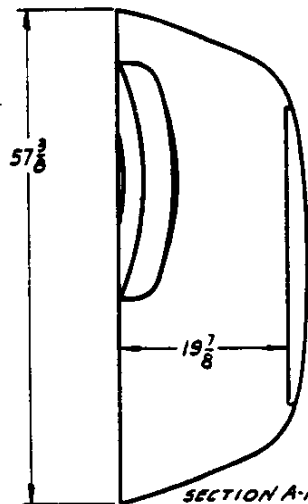
TRUNK LUGGAGE SPACE

CAPACITY - 15 cubic feet

(Glass)

(spare wheel & tire not included) ?

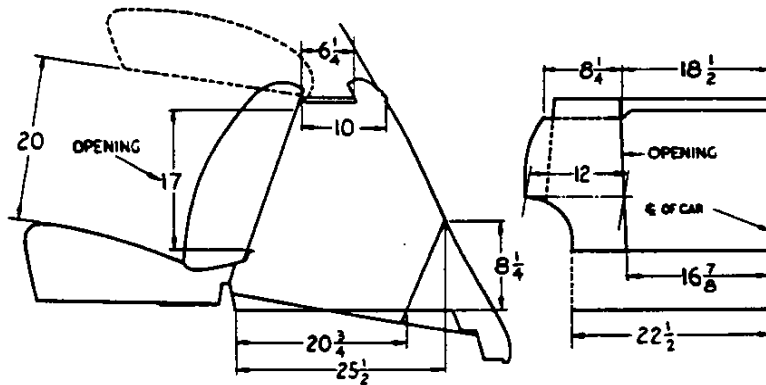
INCLUDES 14 15 CU. FT.?



SEDAN & COACH

LUGGAGE SPACE

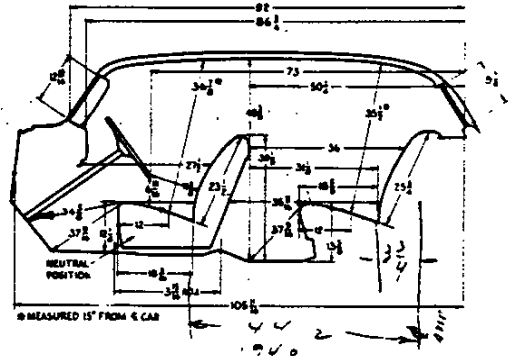
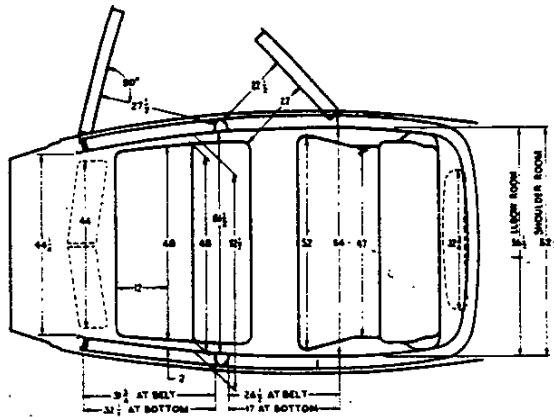
CAPACITY - 13 cubic feet



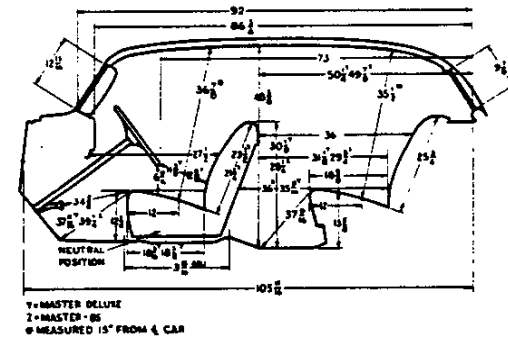
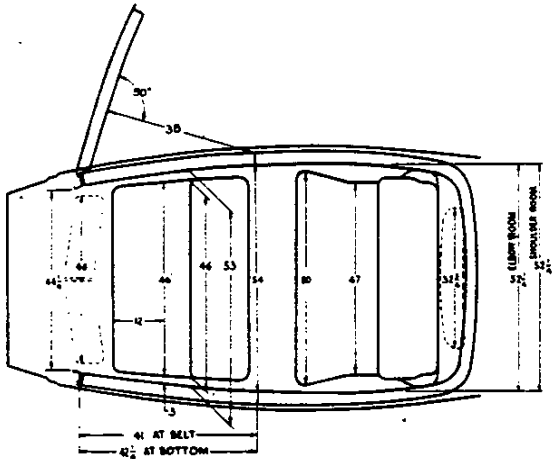
12-15-38

PASSENGER CAR BODY DIMENSIONS

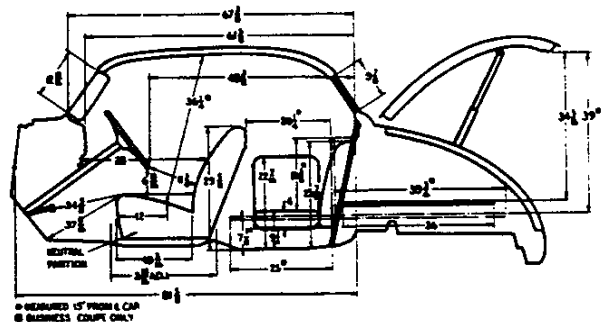
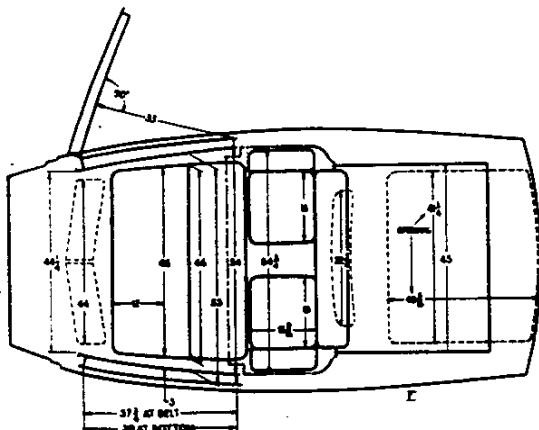
SEDAN & SPORT SEDAN



COACH & TOWN SEDAN

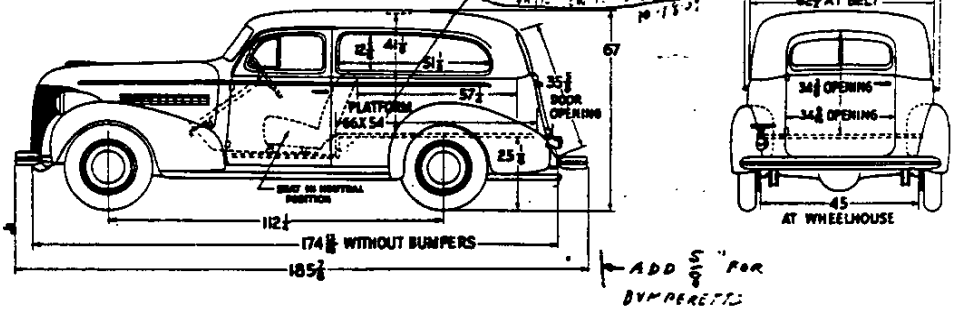


BUSINESS COUPE & FOUR PASSENGER COUPE

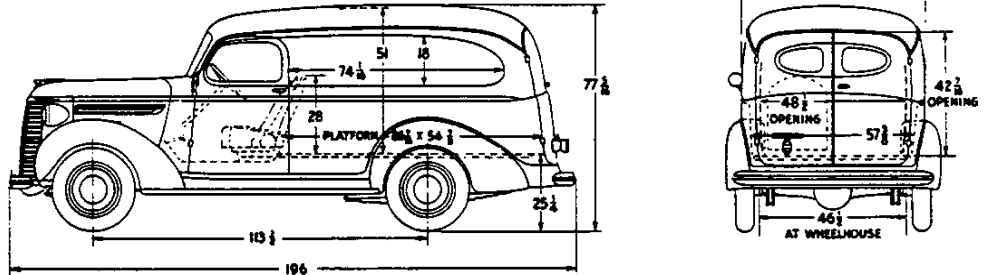


PANEL TYPE TRUCK BODY DIMENSIONS

SEDAN DELIVERY
(on MASTER 85 chassis)

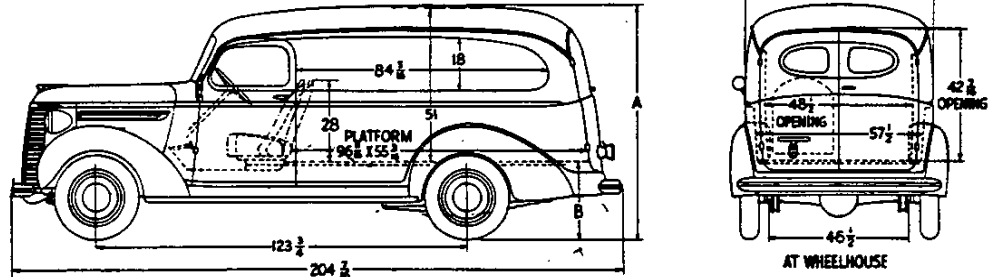


LIGHT DELIVERY PANEL



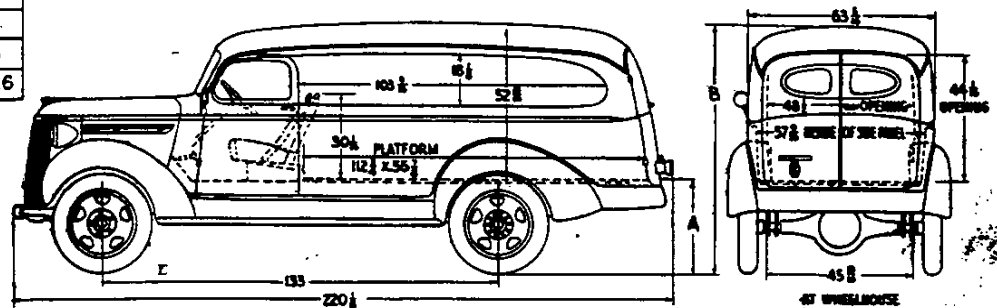
3/4 TON AND 3/4 TON
SPECIAL - PANEL

	3/4 TON	3/4 TS
A	79-1/2	81-3/16
B	27-5/16	29



HEAVY DUTY PANEL

	1-1/2 TON		1 TON
	S.W.	D.W.	S.W.
A	None	29	29-3/8
B	None	82-13/16	83-3/16

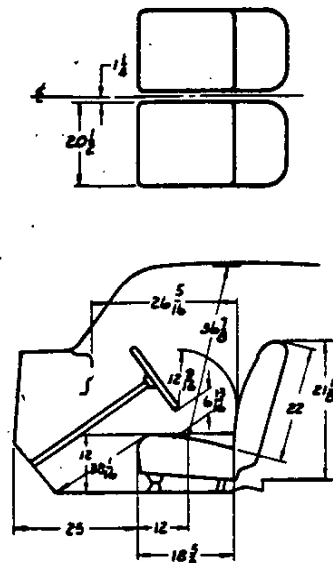


NOTE: Unless otherwise specified, vertical dimensions show design load height with regular tire equipment.

12-15-38

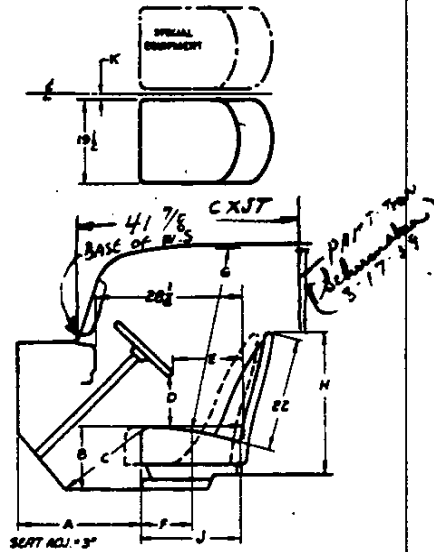
COMMERCIAL CAR AND TRUCK SEAT DIMENSIONS

SEDAN DELIVERY



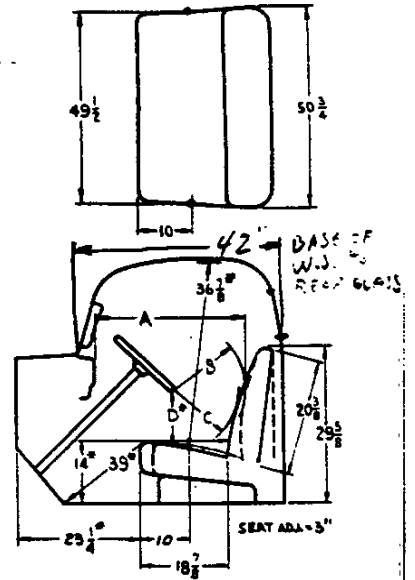
SEAT IN NEUTRAL POSITION.
ADJ. 2" FRONT OR REAR

PANEL & CANOPY EXPRESS



LIGHT DELIVERY AND 3/4 TON	A-25 1/2	B-12 1/2	C-39	D-8 1/2	E-12 7/8
HEAVY DUTY PANEL	A-25 1/2	B-15 1/2	C-42 1/2	D-7 1/2	E-13 1/2
HEAVY DUTY CANOPY EXPRESS	A-24 1/2	B-15 1/2	C-41 1/2	D-7 1/2	E-12 3/4
	F-12	G-39 1/2	H-28	J-18 1/2	K-1 1/2
	F-13 1/2	G-39	H-30	J-19 1/2	K-1 1/2
	F-13 1/4	G-39	H-30	J-19 1/2	K-1 1/4

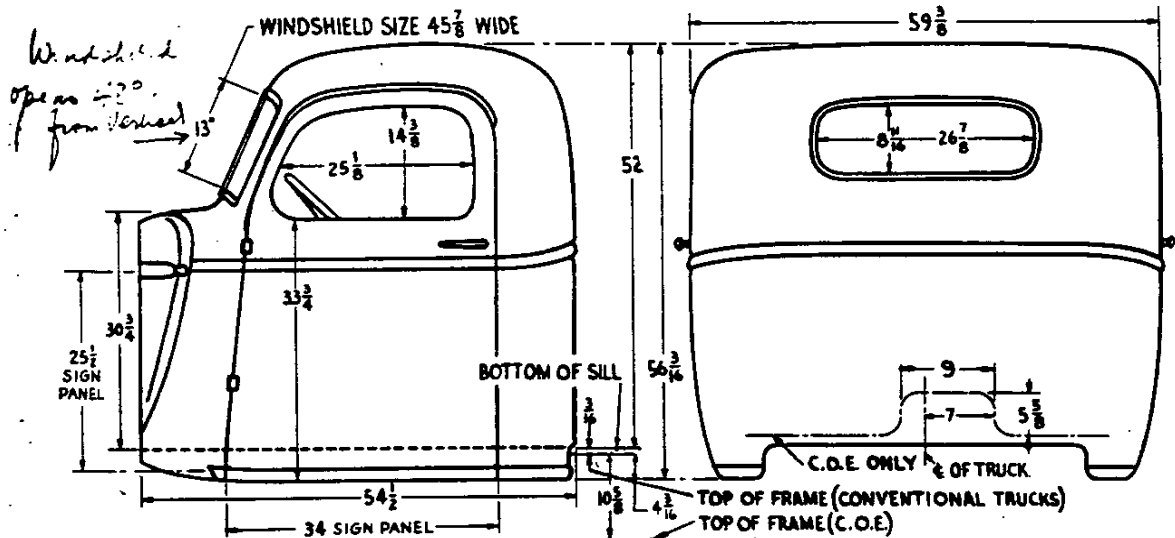
CAB



* SEAT IN FORWARD POSITION; 37 1/2" AT 5" FROM SEAT BACK WITH SEAT IN REAR POSITION.

LIGHT DELIVERY AND 3/4 TON	A	B	C	D
HEAVY DUTY	28 7/8	13 1/2	12 1/2	7 1/2
C. O. E.	28 3/8	13 3/8	12 1/4	8 1/2

TRUCK CAB EXTERIOR DIMENSIONS



DOOR OPENING WIDTH AT BELT - 28 1/2

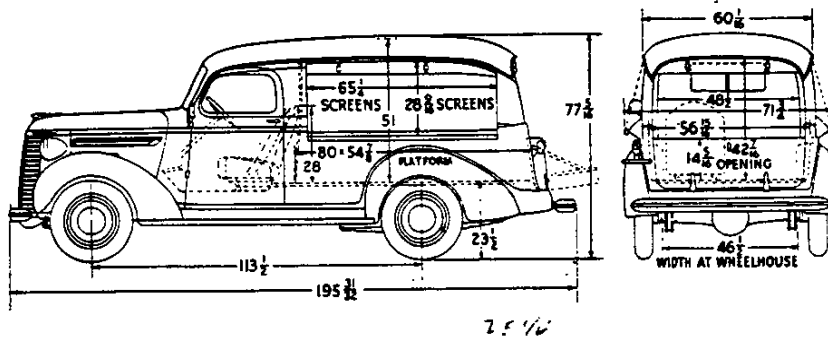
Mounting: Flexible (Springs under #2 and #3 bolts)

12-15-38

TRUCK BODY DIMENSIONS

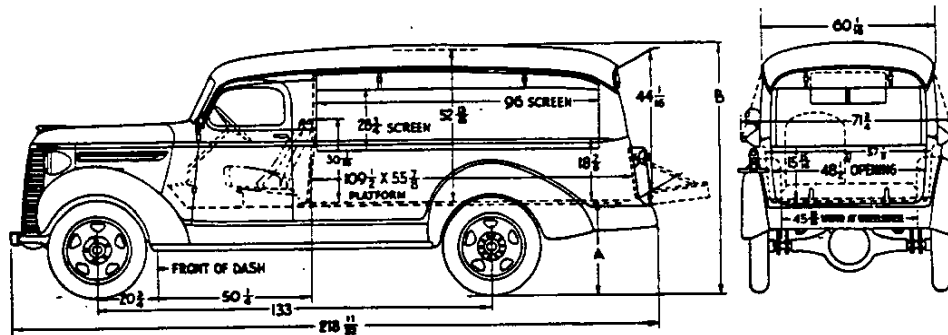
CANOPY EXPRESS TRUCK BODY DIMENSIONS

LIGHT DELIVERY
CANOPY EXPRESS



HEAVY DUTY CANOPY EXPRESS

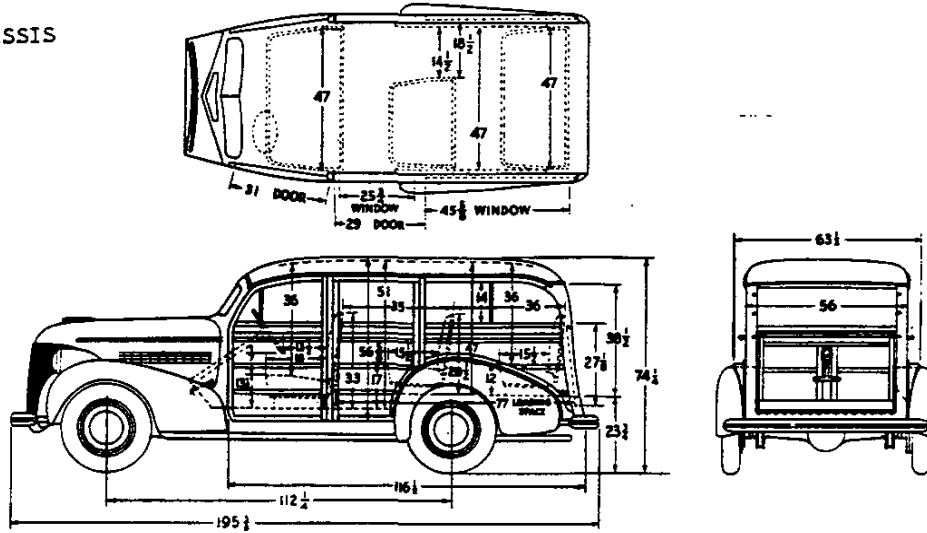
	1-1/2 TON		1 TON
	S.W.	D.W.	S.W.
A	29-1/4	28-27/32	28-15/32
B	83-1/16	82-21/32	82-9/32



NOTE: Unless otherwise specified, vertical dimensions show design load height with regular tire equipment.

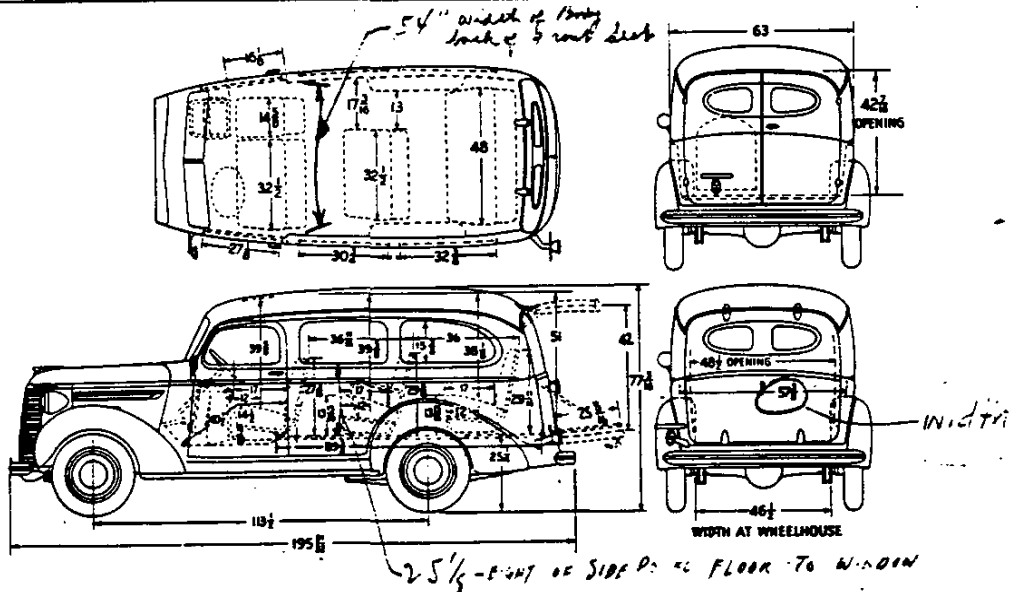
STATION WAGON BODY DIMENSIONS

STATION WAGON
ON PASSENGER CHASSIS



CARRYALL SUBURBAN BODY DIMENSIONS

LIGHT DELIVERY
CARRYALL SUBURBAN

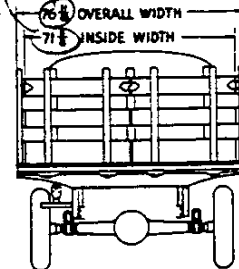
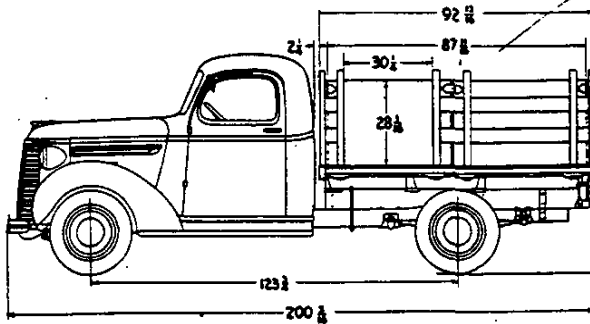


NOTE: Unless otherwise specified, vertical dimensions show design load height with regular tire equipment.

STAKE TRUCK BODY DIMENSIONS

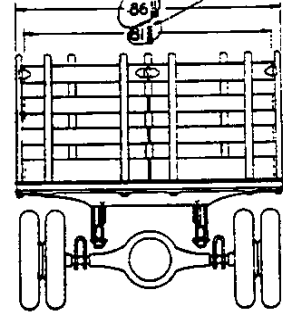
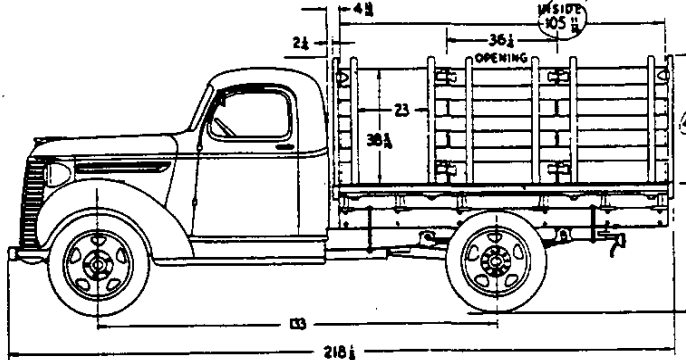
3/4 TON AND 3/4 TON
SPECIAL - STAKE

	3/4 TON	3/4 T.S.
A	23-3/16	24-11/16

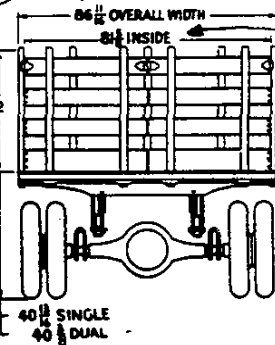
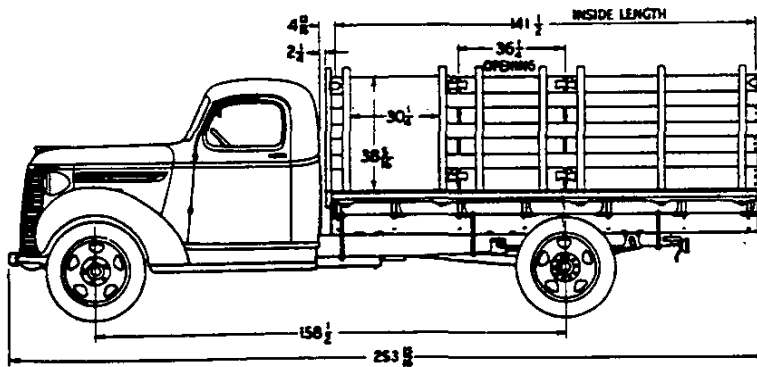


HEAVY DUTY STAKE
(ON 133" W.B. CHASSIS)

	1-1/2 TON	1 TON
	S.W.	S.W.
A	40-13/16	40-3/8



HEAVY DUTY STAKE
(ON 158-1/2" W.B. CHASSIS)

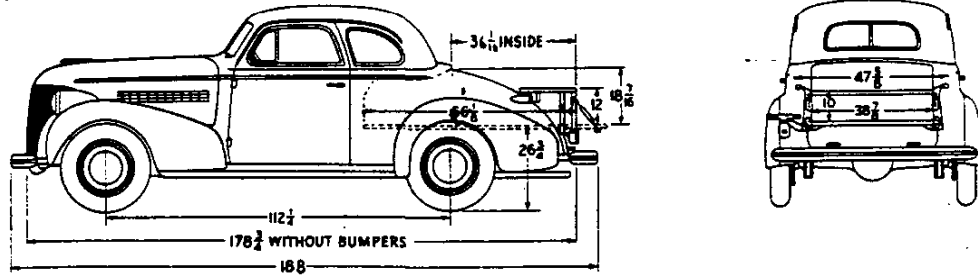


NOTE: Unless otherwise specified, vertical dimensions show design load height with regular tire equipment.

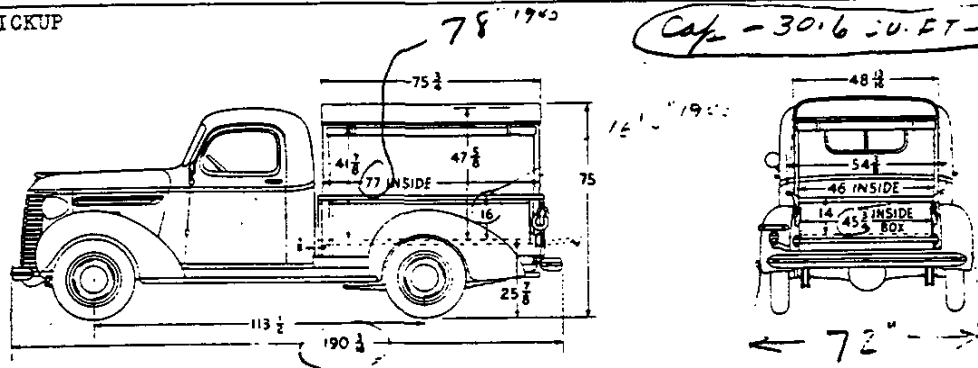
12-15-38

PICKUP TRUCK BODY DIMENSIONS

COUPE PICKUP
(ON MASTER 85 CHASSIS)



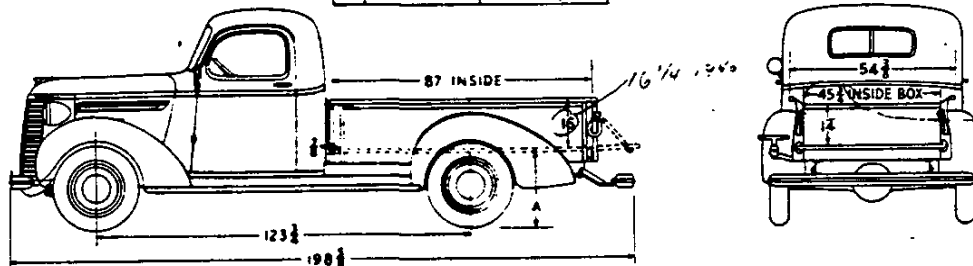
LIGHT DELIVERY PICKUP



NOTE: Pickup top is special equipment available on this model only.

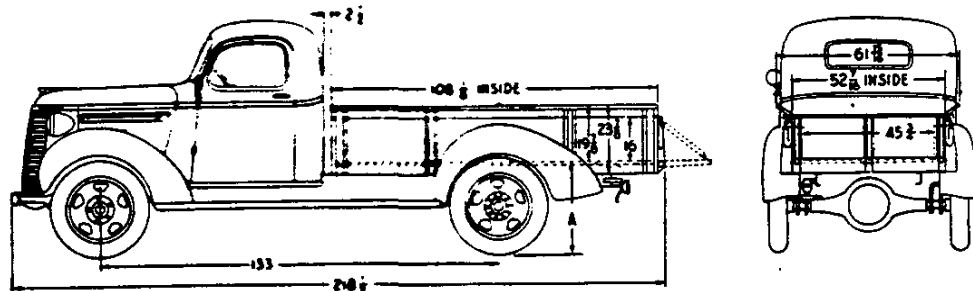
3/4 TON AND 3/4 TON
SPECIAL - PICKUP

	3/4 TON	3/4 T.S.
A	26	29-1/2



HEAVY DUTY PICKUP
(ON 133" W.B. CHASSIS)

	1-1/2 TON	1 TON	
	S.W.	S.W.	
A	30-9/16	30-1/8	29-3/4

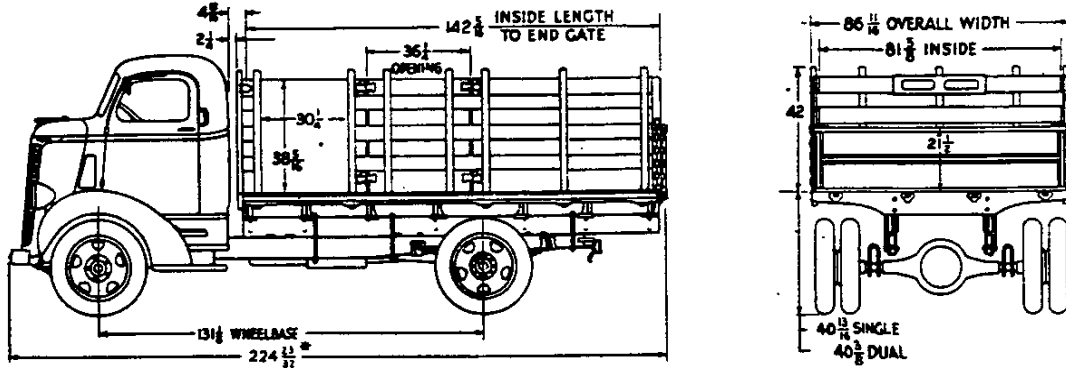


NOTE: Unless otherwise specified, vertical dimensions show design load height with regular tire equipment.

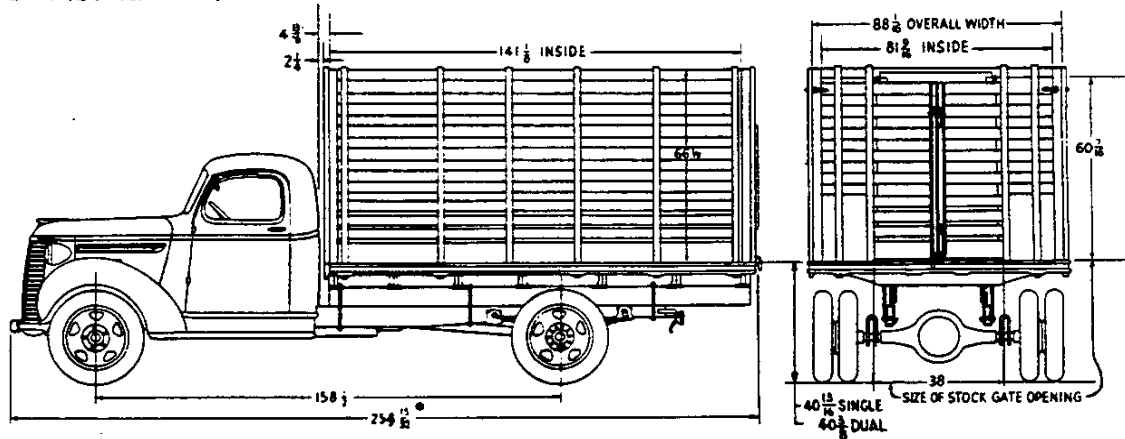
12-15-38

STAKE TRUCK BODY DIMENSIONS - Continued

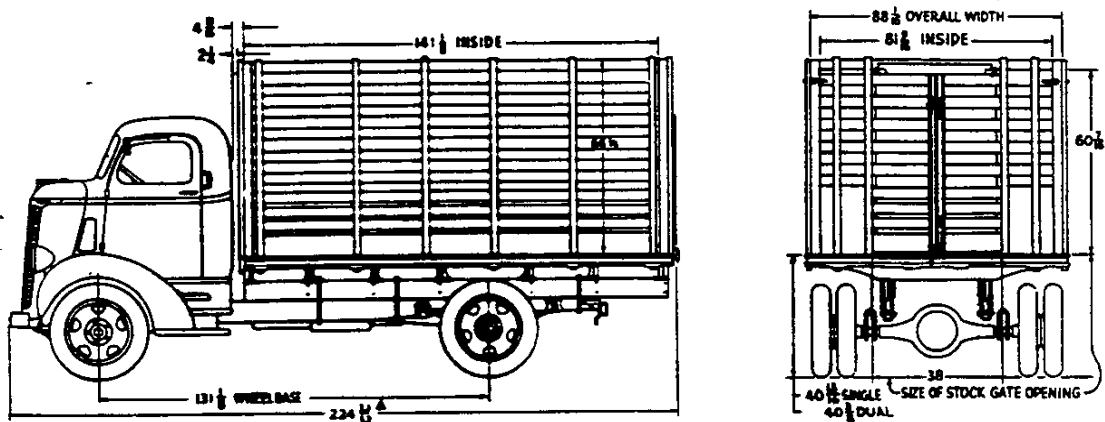
CAB-OVER-ENGINE STAKE EXPRESS
(ON 131-1/8" W.B. CHASSIS)



HEAVY DUTY STOCK RACK
(ON 158-1/2" W.B. CHASSIS)



CAB-OVER-ENGINE STOCK RACK
(ON 131-1/8" W.B. CHASSIS)

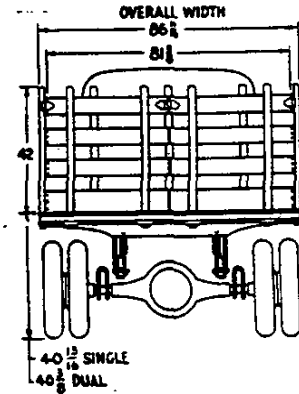
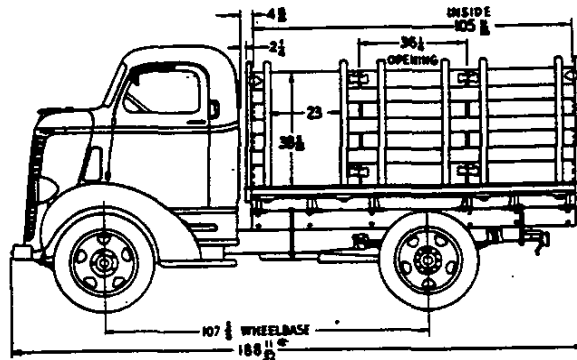


NOTE: Unless otherwise specified, vertical dimensions show design load height with regular tire equipment.

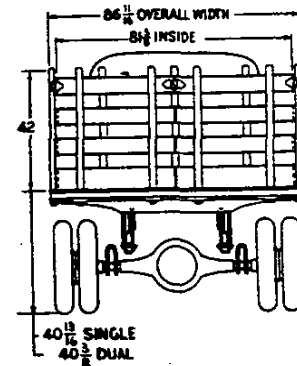
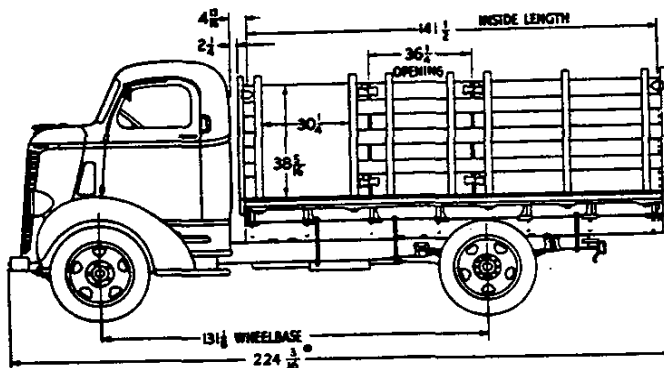
12-15-38. 2-8-39 - * Was 223-15/16, • Was 253-15/16, ▲ Was 223-15/16.

STAKE TRUCK BODY DIMENSIONS—Continued

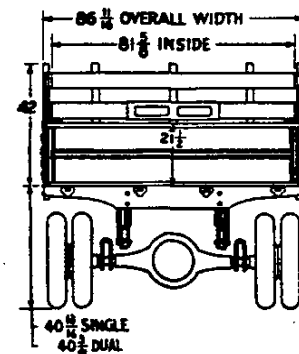
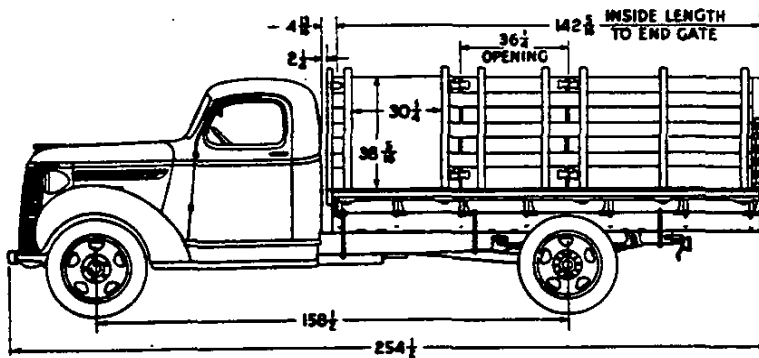
CAB-OVER-ENGINE STAKE
(ON 107-5/8 W.B. CHASSIS)



CAB-OVER-ENGINE STAKE
(ON 131-1/8" W.B. CHASSIS)



HEAVY DUTY STAKE EXPRESS
(ON 158-1/2" W.B. CHASSIS)



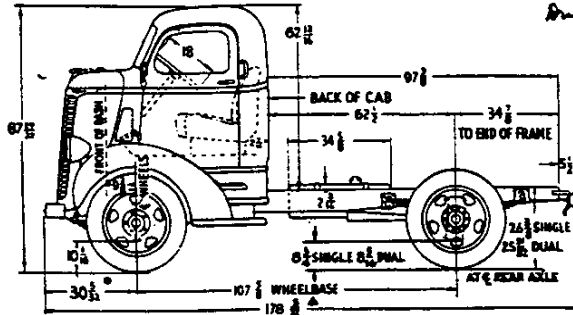
NOTE: Unless otherwise specified, vertical dimensions show design load height with regular tire equipment.

12-15-39. 2-8-39 - * Was 188-1/16, • Was 223-7/8.

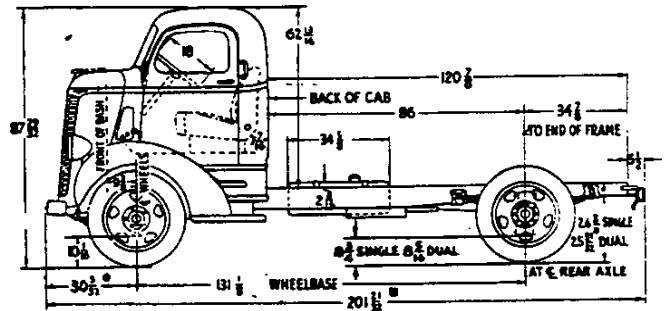
TRUCK CHASSIS DIMENSIONS (Continued)

CAB-OVER-ENGINE TRUCK CHASSIS
(107-5/8" W.B.)

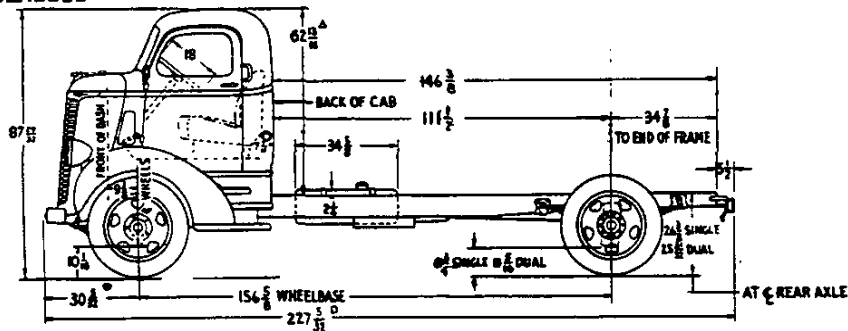
3652043
Rad. Guard Inv.
Army.



CAB-OVER-ENGINE TRUCK CHASSIS
(131-1/8" W.B.)

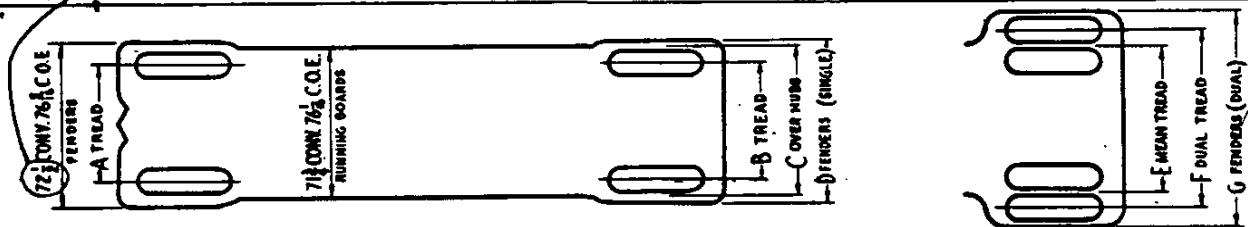


CAB-OVER-ENGINE TRUCK CHASSIS
(156-5/8" W.B.)



Note: Unless otherwise specified, vertical dimensions show design height with regular tire equipment.

TRUCK CHASSIS TREADS AND OVERALL WIDTHS

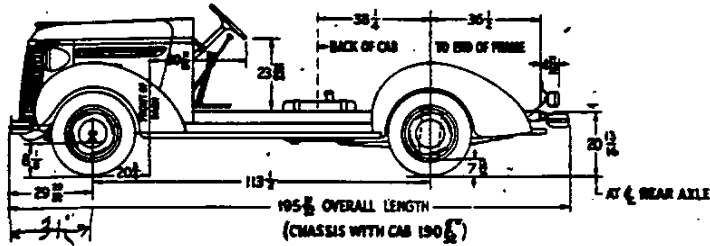


Light	TIRE EQUIPMENT	A	B	C	D	E	F	G
Deliv- ery	6.00-16-4 S.F. & R	56-3/8"	59-1/4"	68"	72"			
	15"-6 S.F. & R.	57-3/4"	60-7/16"	69"				
3/4 Ton	15"-6 S.F. & R.	57-3/8"	59-9/32"	69-1/16"				
3/4 Ton	7.00-17-6 S.F. & R.	56-1/4"	59-9/32"	69-1/16"	71"			
Special	7.50-17-6 S.F. & R.							
1 Ton	6.00-20-6 S.F. & R.	57-5/16"	57-25/32"	75-7/8"	71"			
1-1/2 Ton	32 x 6-8 S.F. & R.							
Conv.	6.00-20-6 S.F. & D.R.	56-1/16"	56-17/32"			66-1/32"	74-9/32"	85-15/16"
	7.50-20-8 S.F. & D.R.					68-13/32"	75-17/32"	
2 Speed Axle	32 x 6-8 S.F. & D.R.	57-5/16"	60-5/32"			68-21/32"	76-21/32"	
	8.25-20-10 D.R.		58-5/32"			68-21/32"	79-5/32"	
1-1/2 Ton	32 x 6-8 S.F. & R.	62 15/16"	57-25/32"	78-7/8"				
	6.00-20-6 S.F. & D.R.	61 11/16"						
COE	7.50-20-8 S.F. & D.R.	56-1/16"	56-17/32"			66-1/32"	74-9/32"	
	32 x 6-8 S.F. & D.R.	57-5/16"	60-5/32"			68-13/32"	75-17/32"	
2 Speed Axle	32 x 6-8 S.F. & D.R.	57-5/16"	60-5/32"			68-21/32"	76-21/32"	
	8.25-20-10 D.R.		58-5/32"			68-21/32"	79-5/32"	

12-15-38. 2-8-39 * was 229-5/32", • was 29-7/8", ▲ was 177-7/8", ■ was 201-3/8", ▲ was 60-25/32", o was 2-7/16", ◦ was 226-29/32". 4-21-39 revised.

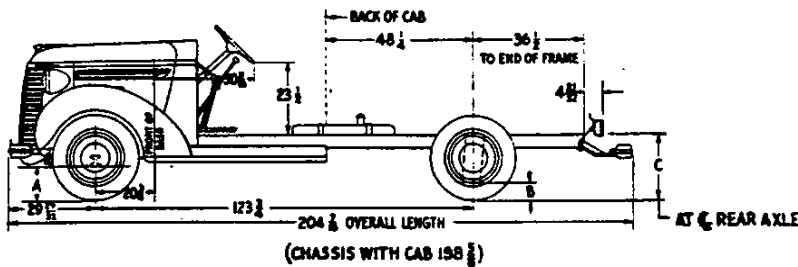
TRUCK CHASSIS DIMENSIONS

LIGHT DELIVERY CHASSIS



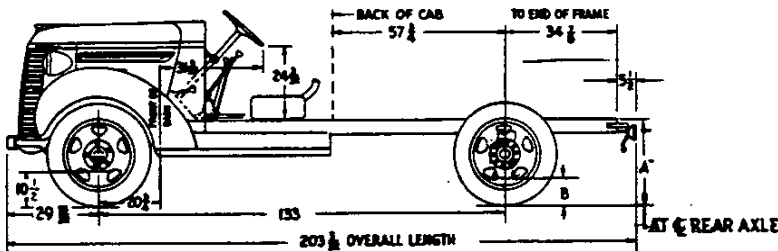
3/4 TON AND 3/4 TON SPECIAL CHASSIS

	A	B	C
3/4 Ton	8-9/16"	7-15/16"	23"
3/4 T.S.	10-1/32"	9-13/32"	24-1/2"



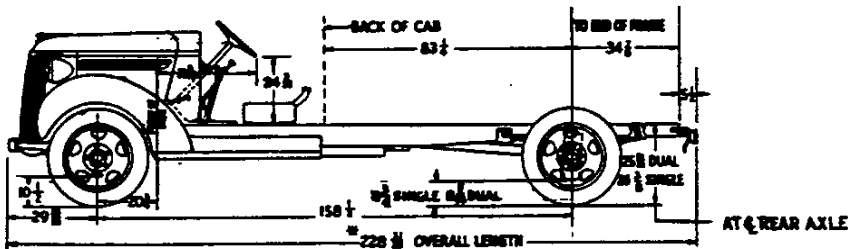
HEAVY DUTY TRUCK CHASSIS (133" W.B.)

	1-1/2 TON		E
	S.W.	D.W.	
A	26-3/8"	25-31/32"	25-5/8"
B	8-3/4"	8-5/16"	8-5/16"



HEAVY DUTY TRUCK CHASSIS (158-1/2" W.B.)

3650068 Rad Guard. Dual Drive



Note: Unless otherwise specified, vertical dimensions show design height with regular tire equipment.

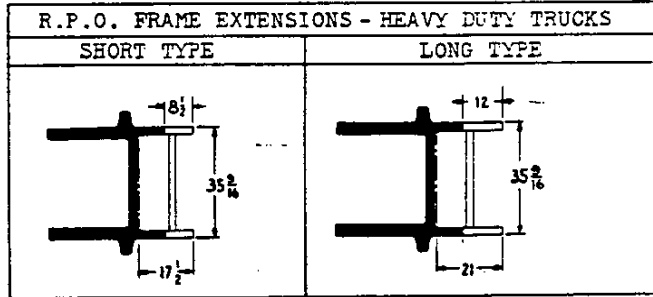
12-15-38. 4-21-39 Revised.

ULTIMATE GUIDE

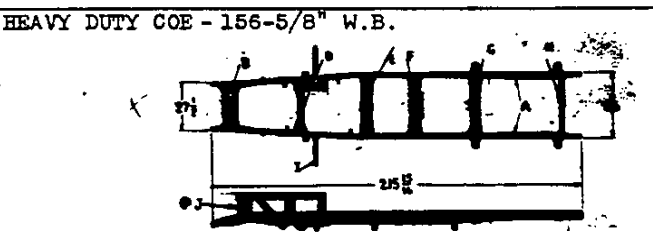
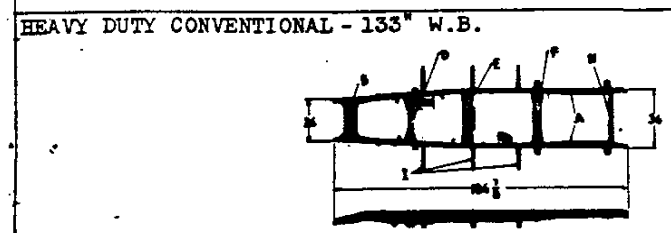
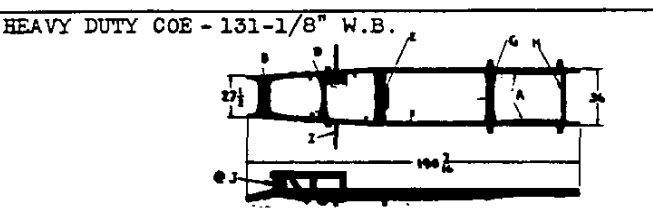
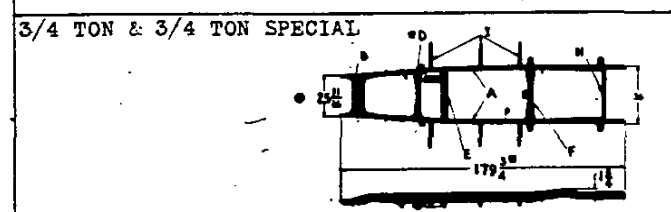
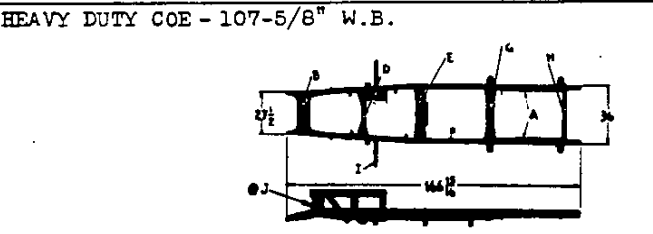
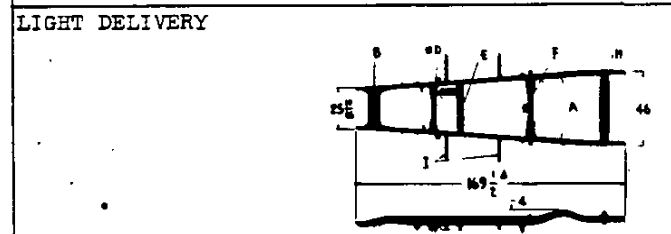
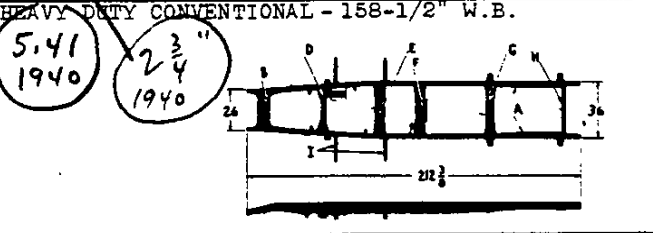
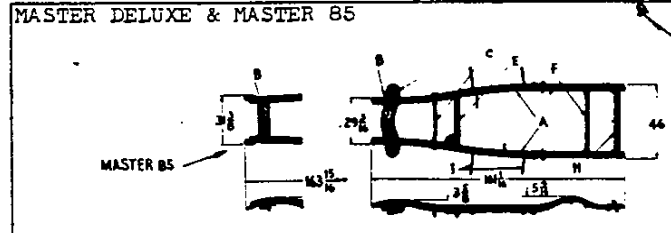
FRAMES

ITEM	PASS. CARS	TRUCKS*
Frame type	Box girder	Conventional
Section type	Box	Channel
Material	H.R. pickled steel	
Min. yield point	41000 lbs./sq.in.	
Elongation in 2"	35% to 40%	

SIDE MEMBER MAXIMUM SECTION					
P A S S E N G E R		ITEM	DMAS	MAS	
		A	2-1/4"		
		B	3-7/8"		
		C	1/8"	1/16"	
		D	3/32"		
E	4-35/64"	4-31/64"			
		Sect. modulus per side, in. ³	1.716	1.597	
T R U C K S		ITEM	LT. DEL.	3/4 T, 3/4 TS	H.D.
		A	2-1/4"		2-3/8"
		B	5-3/4"	5-27/32"	7"
		C	9/64"	3/16"	7/32"
			Sect. modulus per side, in. ³	2.40	3.18



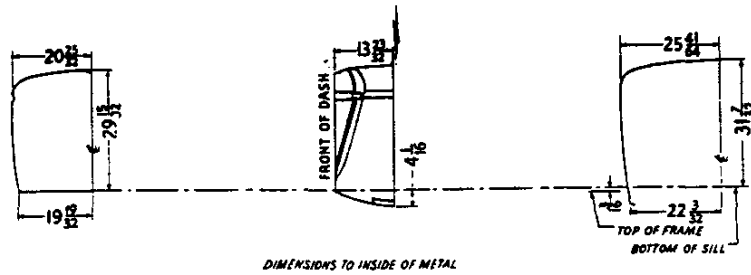
FRAME PART NAMES	
KEY LETTER	PART NAME
A	Side member
B	Front cross member
C	Engine side support tie bar
D	Engine rear support
E	Second cross member
F	Third cross member
G	Fourth cross member
H	Rear cross member
I	Step hangers
J	Sub-frame



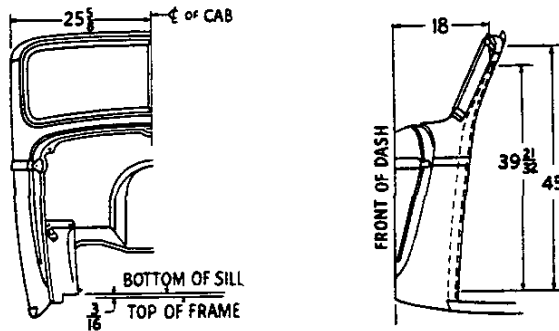
* - R.P.O. Side Member Plates available for Heavy Duty Truck frames.
 12-15-38. 4-21-39, * was c, @ added, A was 169-3/4, # was 180, • was 25-13/16

CONVENTIONAL TRUCK COWL DIMENSIONS

FLAT FACE COWL UNIT



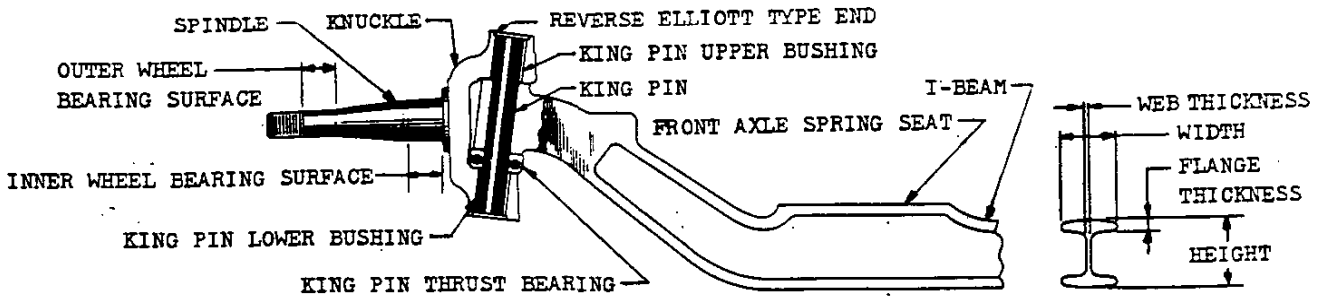
COWL AND WINDSHIELD UNIT



12-15-38

CHEVROLET 1939 SPECIFICATIONS

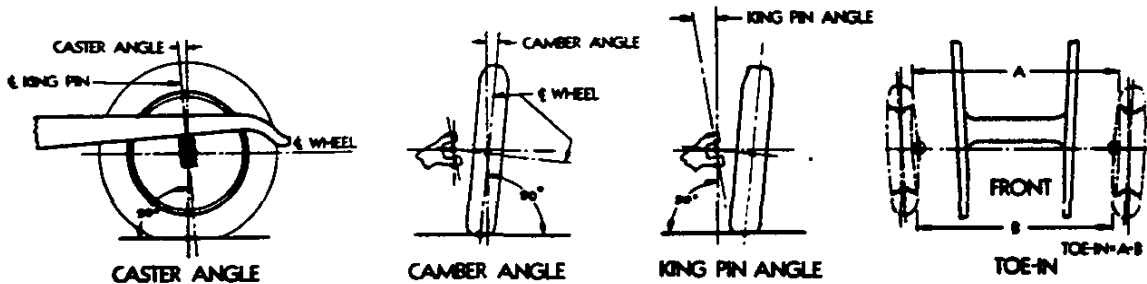
FRONT AXLE



ITEM	PASSENGER CARS		CONVENTIONAL TRUCKS		CAB OVER ENGINE TRUCKS	
	MASTER DELUXE	MASTER 85	LT. DEL., 3/4 T. & 3/4 T.S.	HEAVY DUTY		
Type	Reversed Elliott	Reversed Elliott-Modified I-beam Section				
I-beam	Height	Steering Knuckle Support	2"	2-1/8"	2-11/32"	2-5/8"
	Width		1-11/16"	1-3/4"	2-1/16"	2"
	Flange thick.		1/4"	7/32"	5/16"	7/16"
	Web thick.		7/32"	1/4"	3/8"	3/8"
King pin	Diameter	.8660"-.8665"	.7335"-.7339"	.9210"-.9214"	1.1085"-1.1095"	
	Material	Cold drawn steel - case hardened				
King pin bushings	Type	Cast Bronze	Hard Rolled Bronze		Brass	
	Inside dia.	.867"-.866"	.7345"-.7355"		1.1095"-1.1105"	
	Length	1-5/16"	1-17/64"		1-11/32"	
King pin Thrust brg.	Type	Special Ball			Special Rolle	
	Location	Below Axle				
Wheel	Inner	N.D. #909002		N.D. #909026	Hy. #173241	
Bearings	Outer	N.D. #909001		N.D. #909025	Hy. #173238	
Spindle Diameter	Inner brg.	1.1890"-1.1895"		1.4051"-1.4056"	1.5618"-1.5623"	
	Outer brg.	.7490"-.7495"		.8427"-.8432"	.9368"-.9373"	
Rated Capacity	2000#		2200#	3500#	4200#	

FRONT WHEEL ALIGNMENT (SERVICE DIMENSIONS)

CAMBER ANGLE 34°
T.S. ADJ. 1/8" O.
1" AT THREADED END
5/32" WALL

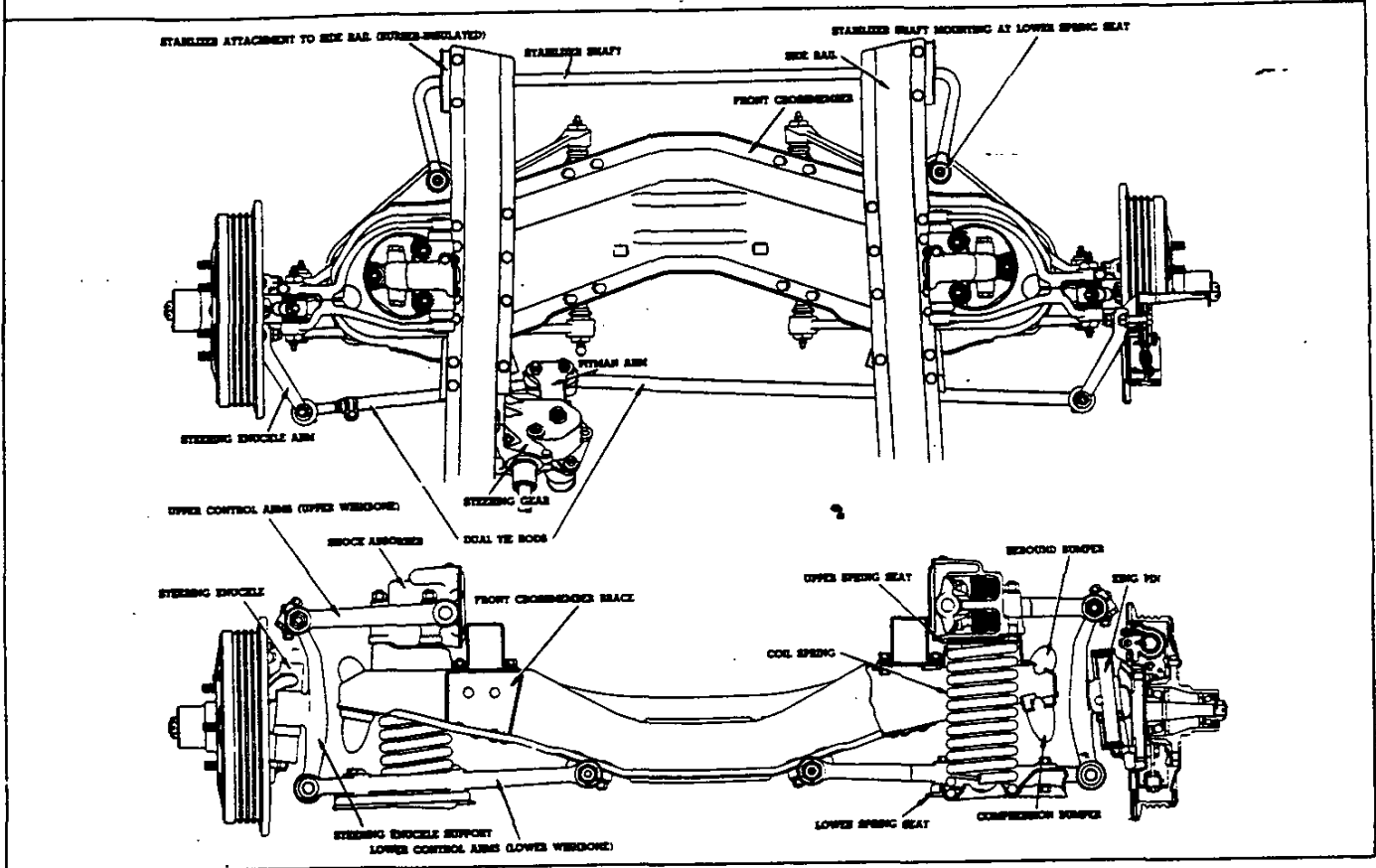


ITEM	PASSENGER CARS		CONVENTIONAL TRUCKS		CAB OVER ENGINE TRUCKS
	MASTER DELUXE	MASTER 85	LT. DEL., 3/4 T. & 3/4 T.S.	HEAVY DUTY	
King pin angle	4-3/4° ± 30'		7°-10' ± 1°		8° ± 1° *
Camber	-15' ± 30'		.1° ± 30'		
Caster	0° ± 30'	2°-15' ± 30'	1°-45' ± 30'	2°-45' ± 30'	3° ± 30'
Toe-in	0 to 1/16"		5/64" to 1/8"		

12-15-38. 4-21-39, * - ± 1° added.

SUSPENSION

KNEE ACTION FRONT SUSPENSION—MASTER DELUXE



SPRING	
Type	R.H. Helical Coil
Material	Silicon-Manganese Steel
Gauge (Dia.)	.571"-.573"
Number of coils	11-1/3
Outside diameter	4-3/8"
Pitch diameter (theo.)	3.775"
Free length	13-7/8"
Working length	9-17/32" at 1230#
Deflection rate	286#/inch
Frequency	Curb load 77
Cycles/min.	Full load 78

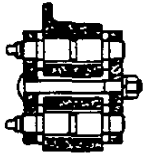

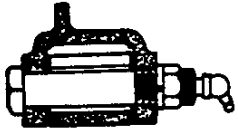
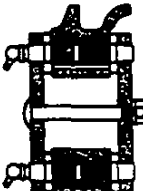

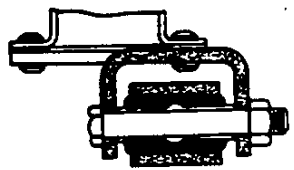
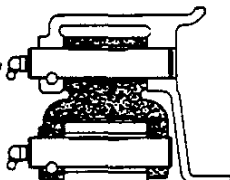

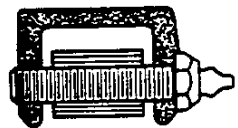

WHEEL TRAVEL		
For steering	38° from neutral to stop	
Vertical	4" from normal setting to metal-to-metal position	
Ratio	1.64 to 1 (wheel to spring)	
Comparative travel of wheel and spring	Wheel Travel	Spring Travel
	In vertical path 4" from normal setting position at rate of 106#/inch	Spring travels 2-7/16" at rate of 286#/inch

BEARINGS		UPPER CONTROL ARMS			LOWER CONTROL ARMS			
		PIVOT BOLT	Ft.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		
Threads	Type	Ends 11 P, Single	11 Pitch, Single					
	Major Dia.	Center	14 P, Double					
		Front	.644"-.652"	.694" min.	.738"-.756"	.774" min.	.889" min.	.853"-.859"
		Center	.967"-.971"		.724"-.742"			
Rear	.644"-.652"	.714"-.732"						
Mounting		Clamp lock		Self locking			Bolted	
Seal		Synthetic rubber, self sealing						

12-15-38

SUSPENSION

FRONT SPRING MOUNTING

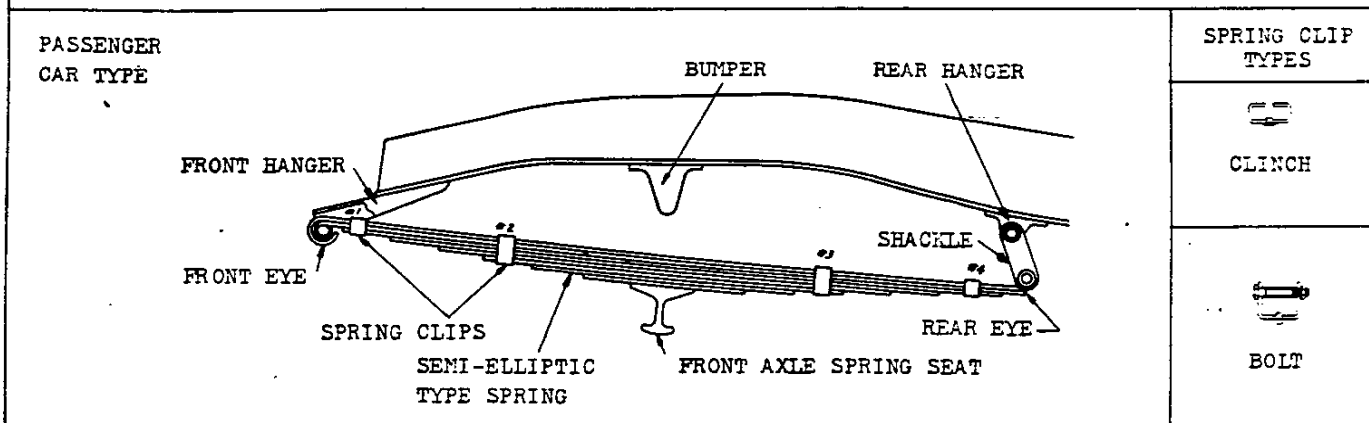
SHACKLE TYPES	SPRING EYE TYPES	EYE BOLT AND BUSHING TYPES
 PLAIN H	 BERLIN EYE 1/2 WRAPPED	 PLAIN
 THREADED H	 OVERHUNG	 RUBBER BUSHED
 CLEVIS	 UNDERSLUNG (REVERSED)	 THREADED
	 UNDERSLUNG (REVERSED) FULL WRAPPED	

ITEM		PASSENGER CARS	CONVENTIONAL TRUCKS			CAB OVER ENGINE TRUCKS
		MASTER 85	LIGHT DELIVERY	3/4 TON AND 3/4 TON SPEC.	HEAVY DUTY	
Front eye type		Underslung full wrapped	Overhung			Overhung 1/8 wrapped
Rear eye type *		Overhung	Berlin eye 1/2 wrapped			Overhung 1/4 wrapped
Shackle	Location	At rear	At front			At rear
	Type		Threaded H			
Shackle pins	Material	Carbon steel, file hard case				
	Diameter	.619" P.D. 11 threads per inch Threads cadmium plated			Thds. .625" P.D. Copper plated	
Eye bolt	Material	Carbon steel, hardened	Carbon steel, file hard case			
	Diameter	.616" P.D. 11 Thds./"	.683"			
	Type	Thread. for bushing	Screwed into hanger			
Front bushing	Material	Carbon steel-file hard case			Bronze	
	Size	.630" P.D. 11 threads x 1-3/4"			.687" x 1-15/16"	
	Type	Thread. for eye bolt	Threaded for shackle pin		Plain	
Rear bushing	Material	Car. steel, file hard	Bronze		Car. steel, file hard	
	Size	.630" P.D. x 1-3/4"	.860" I.D. x 1-11/16"		.631" P.D. x 2"	
	Type	Thd. for shackle pin	Plain		Thd. for shackle pin	
Spring-axle assembly		Two U-bolts per spring				
Spring U-bolt	Material	H.R. Steel, hardened				
	Diameter	1/2"			5/8"	
Bumper material		Spring bumper rubber				
Spring mounting		Parallel	8°-4' (included angle)	7°-49' (included angle)		
Spring centers		28-1/8"	26-13/16"			

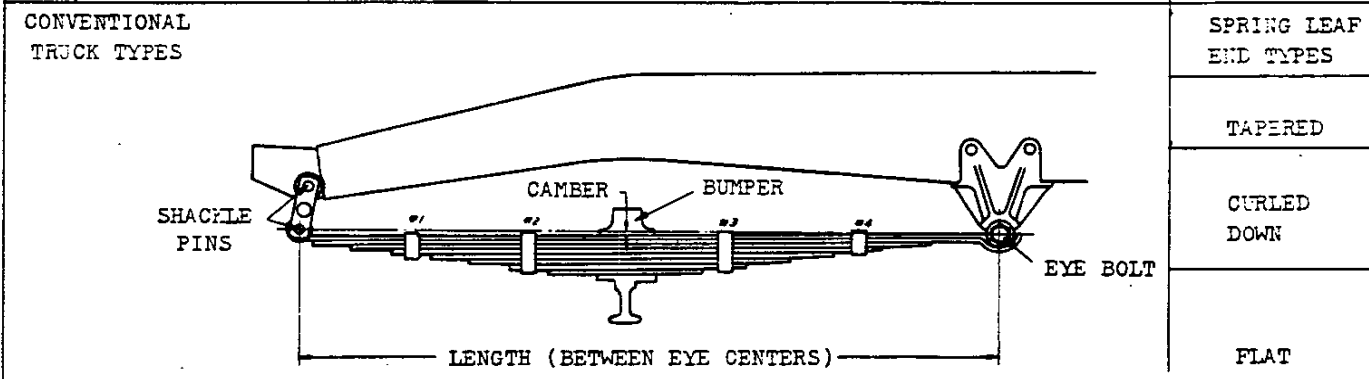
12-15-38. 2-8-39 - * Was front eye type.

SUSPENSION

FRONT SPRINGS



SPRING CLIP TYPES



SPRING LEAF END TYPES

TAPERED

CURLED DOWN

FLAT

ITEM	PASSENGER CARS		CONVENTIONAL TRUCKS			CAB OVER ENGINE TRUCKS
	MASTER 85	LIGHT DELIVERY	3/4 TON AND 3/4 TON SPECIAL	HEAVY DUTY		
				REG.	R.P.O.*	
Type	Semi-elliptic					
Material-steel	Chromium			Chrome Vanadium		Chromium •
Number of leaves	8	7	8	9	7	8
Thick-ness of leaves	#1	.194"	.291"	.323"	.291"	.291"
	#2		.262"	.291"	.262"	
	#3			.262"		
	#4	.194"	.237"		None	
	#5, #7	.176"		None		
#8		None				
#9		None				
Total thickness	1.460"	1.487"	2.050"	2.448"	1.863"	2.328"
Length x width	36" x 1-3/4"					40" x 2"
Camber (Av.)	9/16"	5/8"	7/16"	3/4"	1-11/32"	7/16"
Load at camber height (Av.)	675#	775#	785#	950#		1225#
Deflection (Av.)	175#/"	260#/"	475#/"	645#/"	475#/"	575#/"
Leaf end type	Tapered		Curled Down		Flat	
Spring clip type	#1	Clinch			Bolt	
	#2	Clinch	None		Bolt	
	#3	Clinch			Bolt	
	#4	Clinch			Bolt	

12-15-38. 4-21-39 * R.P.O. spring for 133" W.B. single wheel trucks added, • was chrome vanadium

SUSPENSION

CHEVROLET 1939 SPECIFICATIONS

38

REAR SPRINGS MOUNTING					
ITEM	PASSENGER CARS	TRUCKS			
		LIGHT DELIVERY	3/4 TON & 3/4 TON SPEC.	HEAVY DUTY	
Front eye type	Overhung				
Rear eye type	Underslung	Overhung			
Shackle	Location	At rear			
	Type	Threaded H	Clevis, bronze bushed		
Shackle pins	Material	Carbon steel, file hard case			
	Diameter	.619" P.D., 11 threads per inch, Cadmium plated.	.875"		
Eye bolt or pin	Material	Carbon steel, hardened	Carbon steel, file hard case		
	Diameter	.502"	.683"	.875"	
Front bushing	Type	Plain	Screws into hanger	Plain	
	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		
Rear bushing	Type	Rubber bushed		Plain	
	Material	Carbon steel, file hard case		Carbon steel	
	Size	.630" P.D., 11 threads x 1-3/4"		.878" I.D. x 1.990"	.878" I.D. x 2.490"
Spring-axle attachment	2 U-bolts to rubber bushed seat on housing		2 U-bolts to metal seat and cap around housing		
	Material	Carbon steel, hardened			Carbon steel *
U-bolt	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	44-11/16"		42-1/2"		42"

*-Hardened on 107-5/8" W.B. C.O.E., also when progressive action or auxiliary spring is used @.

SHOCK ABSORBERS												
ITEM	PASSENGER CARS						TRUCKS					
	MASTER DELUXE		MASTER 85		LT. DEL.	3/4 TON	3/4 T.S.	HEAVY DUTY				
	Front	Rear	Front	Rear	Ft.	Rr.	Ft.	Rr.	Ft.	Rr.	Rear	
Regular Shock Absorbers	Make	Delco-Hydraulic										
	Type	Double acting * End-to-end discharge				Dbl. act. airplane		Single acting Conventional			None	
	Valve	D-.5		A 1								
	Bumper	2E		5F		4CG 3CG 4CG 3CG 4CG						
Piston dia.	1-1/2"		1"		1-1/4"		1-1/2"					
RPO Shock Absorbers	Make	Delco Hydraulic										
	Type	Double acting										
	Valve	G2		G2	G2	G0	G2	G0	G2	G0	G2	
	Bumper	2J		2G	2J	1J	2J	1J	2J	1J	2E	
Piston dia.	1-1/2"									1-3/4"		

RIDE STABILIZER						
ITEM	PASSENGER CARS			TRUCKS		
	MASTER DELUXE	MASTER 85	LT. DEL. **	3/4 TON	3/4 T.S.	HEAVY DUTY
Type	Torsion bar in rubber bushing					
Mounting	Bolted to lower front spring seat.	Bolted to front spring		None		
Material	Carbon steel-tempered					

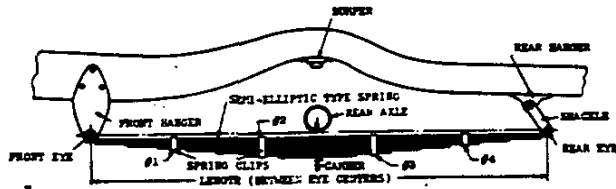
* - See Knee Action page 33° - ** - With suburban and panel bodies only.
12/15-38. 2-8-39 • was 12. 4-21-39, @."or auxiliary" added.

SUSPENSION

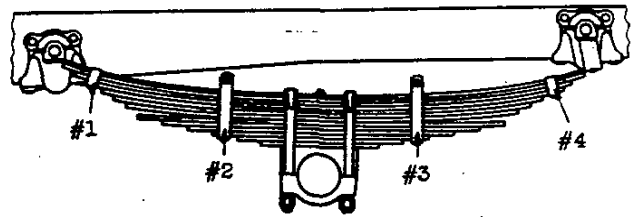
CHEVROLET 1939 SPECIFICATIONS

REAR SPRINGS

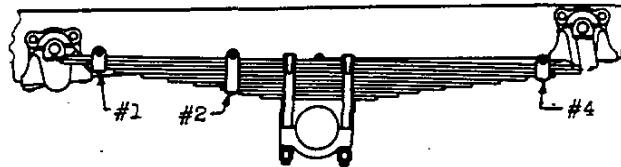
PASSENGER CAR & LIGHT DELIVERY TRUCK SPRING.



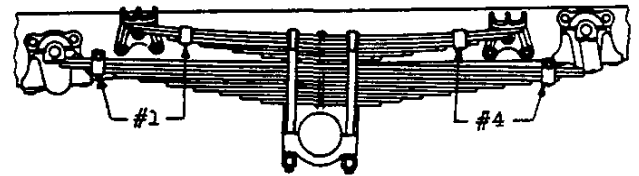
RPO PROGRESSIVE ACTION SPRING FOR HEAVY DUTY TRUCKS



3/4 TON, 3/4 TON SPEC. & HEAVY DUTY TRUCK SPRING.



HEAVY DUTY TRUCK SPRING WITH RPO AUXILIARY SPRING



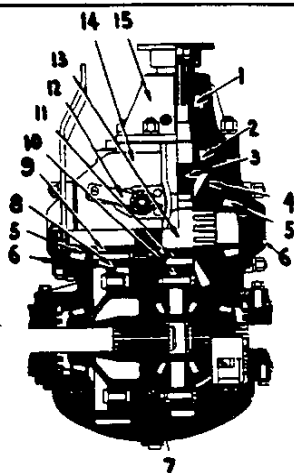
ITEM	PASSENGER CARS				TRUCKS					
	Sport Sed., Town Sedan, Sedan, Coach, Cpe. Pickup	Business Coupe, Deluxe 4 Pass. Coupe	Station Wagon, Master Sedan Delivery	Light Deli- very	3/4 Ton	3/4 Ton Special	One Ton Heavy Duty	HEAVY DUTY CONVENTIONAL & C.O.E.		
								Reg- ular	RPO Auxil- iary	RPO Prog. Action
Type	Semi-elliptic									
Material-Steel	Chromium				Silicon-Manganese					
Number leaves	8	7	6	8	9	8	10	6	11	
Thick- ness of leaves	#1	.237"	.237"	.237"	.291"	.291"	.291"	.323"	.323"	.360"
	#2									
	#3 & 4									
	#5									
	#6	.214"	.214"	.237"	.291"	.291"	.291"	.323"	.323"	.360"
	#7									
	#8									
	#9	None	None	None	None	None	None	None	None	.360"
	#10									
	#11									
	Total thick.	1.804"	1.521"	1.896"	2.328"	2.392"	2.683"	2.328"	3.230"	1.938"
Length	49"			54-1/8"	45"			31-1/4"*	45"	
Width	1-3/4"			2"			2-1/2"			
Camber (Av.)	1/16"			1/2"	37/64"	19/64"	1-1/16"	1/2"	None	1-1/64"
Load at Camber height (Av.)	▲ 880#	745#	1050#	1150#	1400#	1650#	1500#	2950#	Engage at 1900#	4000#
Deflect. (Av.)	120#/"	105#/"	150#/"	190#/"	450#/"	505#/"	490#/"	840#/"	1550#/"	**
Leaf end type	Tapered			Curled	Flat					
Spring	#1	Clinch			Bolt			Clinch		
Clip	#2	Clinch (None for Master Deluxe)			Bolt			None		
Type	#3	Clinch (None for Master Deluxe)			None			Bolt		
	#4	Clinch			Bolt			Clinch		
Spring covers	Metal - DPAS only				None					

* - Between bracket centers. ** - 550#/" between 500# & 1100#; 1100#/" between 2500# & 3600#.

12-15-38. 2-8-39 - ▲ Was 950#, ● added.

TWO-SPEED REAR AXLE-R.P.O. 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 ratios	Low 5.641 to 1
	High 8.221 to 1
Drive torque	Through torque tubes
Diff. type	Four pinion
Diff. No.	Chev. 3651552
brgs.	Adj. Adjusting nut & lock
	Type Drive flange at wheel end forged integral with shaft
Axle Shaft	Min. dia. 1-9/16"
	Splines 16 - 1-3/4" O.D.
	Wheel Inner Hy. 144527
brgs.	Outer Hy. 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

TRANS. GEAR	TOTAL GEAR REDUCTIONS		MAX. AXLE SHAFT TORQUE (FT.LB.)	
	5.641 ratio	8.221 ratio	5.641 ratio	8.221 ratio
1st.	40.759	59.406	5890	8585
2nd.	19.618	28.593	2835	4132
3rd.	9.651	14.066	1395	2033
4th.	5.641	8.221	815	1188
Rev.	40.319	58.766	5826	8492

DOUBLE REDUCTION DRIVE GEARS		
High speed	Type	Helical spur
	Teeth	16-38(2.375 to 1)
Low speed	Type	Helical spur
	Teeth	13-45(3.462 to 1)
Pinion shaft	Left	Chev. 3651553
	Right	Chev. 3651554
brgs.	Adj.	Shims; slight drag
Shifter bushing	Mat'l	Alloy steel, hard.
	I.D.	.8115"-.8125"

PRIMARY DRIVE GEARS	
Type	Spiral bevel
Ratio	2.375 to 1
Back-lash	.006" to .012"
Back-lash Adjustment	Shims at pinion bearing cage
Teeth	8
Mounting	Overhung
Ft. brg.	Chev. 3651519
Rr. brg.	Chev. 3651551
Bearing Adj.	Lock nuts; free rolling, no end play
Teeth	19
Mounting	Tapered splines

• - Drive torque through rear springs, pinion front bearing Chevrolet 3651518 on 107-5/8" W.B. COE truck. ■ - 85% Efficiency.

SPEEDOMETER GEARS

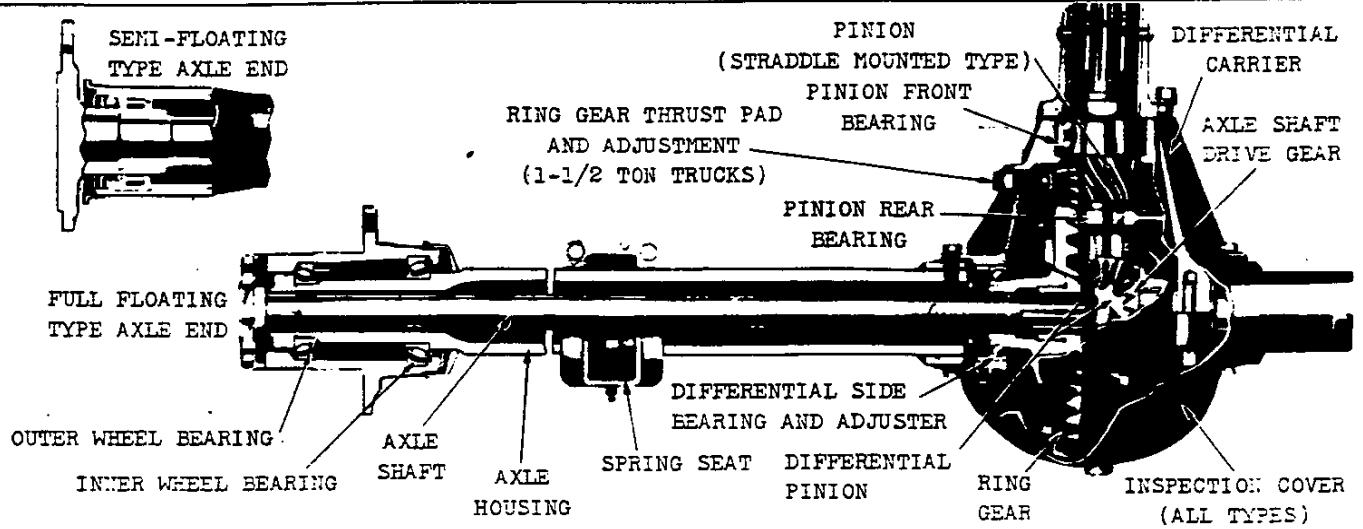
REGULAR EQUIPMENT	PASSENGER CARS		TRUCKS			
	MASTER DELUXE	MASTER 85	LIGHT DELIVERY	3/4 TON	3/4 TON SPECIAL	HEAVY DUTY
Material	Carbon steel, file hard surface					
Pitch	Drive	30	22	18.629	22	22
	Driven		22.403			
Teeth	Drive	6	5	4	5	4
	Driven	19	14	12	13	13

R.P.O.v EQUIPMENT	PASSENGER CARS		TRUCKS					
	MASTER DELUXE	18" WHEELS	LIGHT DELIVERY	3/4 TON	3/4 T.S.	HEAVY DUTY		
	3.727 R.A.*		3.818 R.A.	4-SPEED TRANS.	4-SPEED TRANS.	4-SPEED TRANS.	6.166 R.A.	TWO-SPEED R.A.
Material	Carbon steel, file hard surface							
Pitch	Drive	22	18.629	22	22.403	18.629	22.403	22
	Driven	22.403		22.403				22.403
Teeth	Drive	5	4	5	4	5	5	4
	Driven	14	12	14	12	13	15	13

* - With Economy Engine and/or governor. @ - 4.222 R.A. on Master 85. ■ - With 2-speed adapter.
 † - Only options involving changes in speedometer gears listed.
 12-15-38. 4-21-39, Wheel data removed from "General Data".

REAR DRIVE SYSTEM

REAR AXLE



ITEM	PASSENGER CARS				TRUCKS					
	MASTER DELUXE	MASTER 85	LIGHT DELIVERY		3/4 T. & 3/4 T. SPEC.		HEAVY DUTY*			
			3-SPD. TRANS. REG.	4 SPD. TRANS. OPT.	3-SPD. TRANS.	4-SPD. TRANS.	4-SPD. TRANS. REG.	4-SPD. TRANS. OPT.		
Type	Semi-floating								Full-floating	
Gross rating	3000#		3300#			3900#		10,300#		
Housing type	Pressed steel banjo. Formed in two longitudinal pieces that are welded together along the seams.				Banjo. Formed from one-piece welded steel tube.					
Final gears	Type	Spiral hypoid				Spiral bevel				
	Ratio	4.222	3.727	4.111	3.818	4.111	4.111	4.55	5.428	6.166
	Teeth	38-9	41-11	37-9	42-11	37-9	37-9	38-7	37-6	
Gear back-lash	.005"-.007"				.006"-.010"					
P I N I O N	Mounting	Overhung							Straddle	
	Adjustment	Shims and tapered collar							None	
	Front brg.	N.D. 905206							N.D. 905309	
	Rear brg.	Hyatt 125630							N.D. 901305 ♦	
	Thrust	Against front pinion bearing								
Diff. type	Two pinion							Four pinion		
Diff. side brg.	Hyatt 127861			N.D. 902100			N.D. 954186			
Wheel bearing	Hyatt 111104				Hyatt 111104				Inner-Hy. 144527 Outer-Hy. 144525	
Axle shaft	Type	Drive flange at wheel end forged integral with shaft								
	Min. Dia.	63/64"			1-1/16"			1-7/16"		
Drive torque	Through torque tube ^{13.4} 32.9 ^{FOR 4.55*}									
Total @ gear reductions	1st.	12.407	10.966	12.083	11.225	29.706	12.083	29.706	39.222	44.556
	2nd.	7.089	6.266	6.905	6.414	14.298	6.905	14.298	18.879	21.445
	3rd.	4.222	3.727	4.111	3.818	7.034	4.111	7.034	9.287	10.540
	4th.	None				4.111	None	4.111	5.428	6.166
	Reverse	12.407	10.966	12.083	11.225	29.385	12.083	29.385	38.799	44.085
Total @ axle shaft torque (ft.lb.)	1st.	1792	1585	1745	1621	2061*	1745	2061*	5665	6435
	2nd.	1023	905	998	928	2061*	998	2061*	2725	3098
	3rd.	610	538	505	552	1015	595	1015	1341	1522
	4th.	None				595	None	595	784	890
	Reverse	1792	1585	1745	1621	2061*	1745	2061*	5606	6370

@ - R.A. ratio x trans. ratio. @@ - Total gear reduction x max. engine torque x 85%. * - Maximum.
 • - Two-speed rear axle data on next page. ♦ - Through rear springs on 107-5/8" wheelbase C.O.E. truck.
 ♦ - Hy. 145443 with 6.166 rear axle.

CHEVROLET 1939 SPECIFICATIONS

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BRAKES						
ITEM	PASSENGER CARS	COMMERCIAL TRUCKS			HEAVY DUTY TRUCKS	
		LIGHT DELIVERY	3/4 TON	3/4 TON SPEC.	CONVENTIONAL	C.O.E.
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 through toggle linkage.					
Brake drum	Type	Composite (C.I. rim & cooling ribs, pressed steel web)			Pressed stl.	Same as Pass.
	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"
	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	156-1/4 sq.in.		194-1/2 sq.in.	330-1/4 sq.in. 370 1/2	
	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	Pedal	4.78:1	5.15:1	5.25:1		
	Hydraulic	11.89:1		7.61:1	8.84:1	9.75:1
	Av. overall	56.8:1	61.3:1	40.0:1	46.4:1	51.2:1
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
	Pads, rubber	Yes	None			
Hand brake lever mounting	To frame	To transmission			To sub-frame	

BRAKES HYDRAULIC DATA						
ITEM	PASSENGER CARS	COMMERCIAL TRUCKS			HEAVY DUTY TRUCKS	
		LIGHT DELIVERY	3/4 TON	3/4 TON SPEC.	CONVENTIONAL	C.O.E.
Wheel cyl.	Diameter	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.					

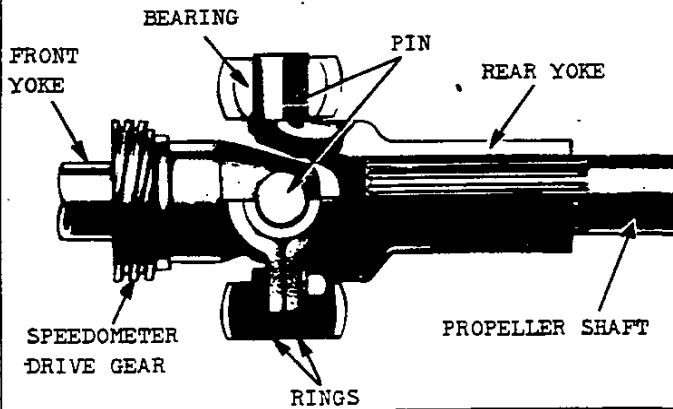
BRAKES VACUUM BOOSTER-R.P.O.		
ITEM	HEAVY DUTY TRUCKS	
	CONVENTIONAL	CAB-OVER-ENGINE
Type	Single line, vacuum suspended, reactionary valve.	
Power distribution	Pedal	33%
	Booster	67%
Pedal pressure @ 1000# hydraulic pressure (without booster)	228#	
Pedal pressure @ 1000# hydraulic pressure (with booster)	146#	

12-15-38. 4-21-39, * Revised.

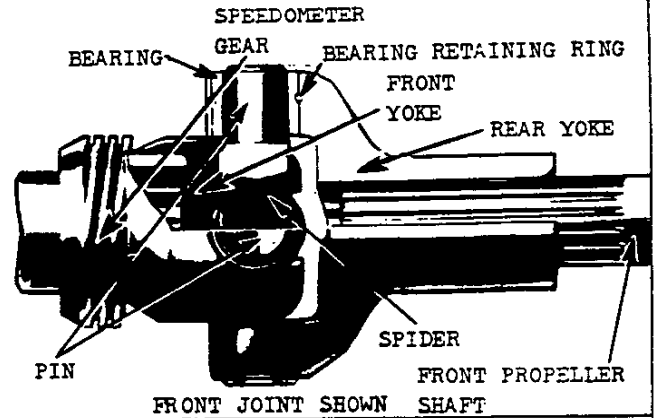
BRAKES

UNIVERSAL JOINTS AND PROPELLER SHAFTS

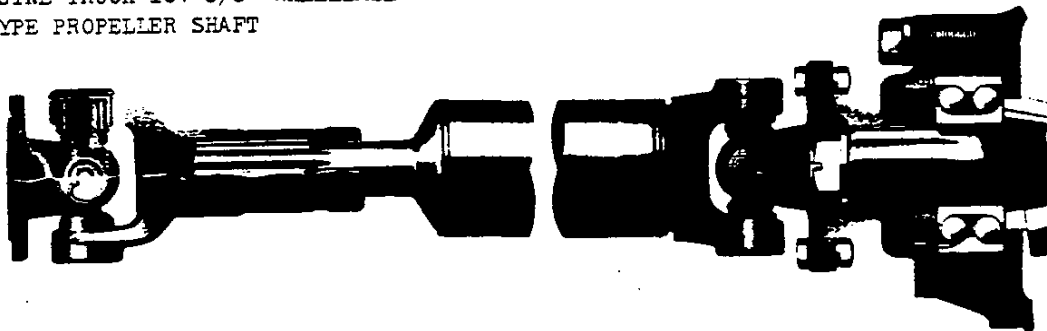
PASSENGER CAR AND LIGHT DELIVERY TRUCK YOKE AND RING TYPE UNIVERSAL JOINT.



3/4 TON, 3/4 TON SPECIAL AND HEAVY DUTY TRUCKS YOKE AND SPIDER TYPE UNIVERSAL JOINT.



CAB-OVER-ENGINE TRUCK-107-5/8" WHEELBASE HOTCHKISS TYPE PROPELLER SHAFT



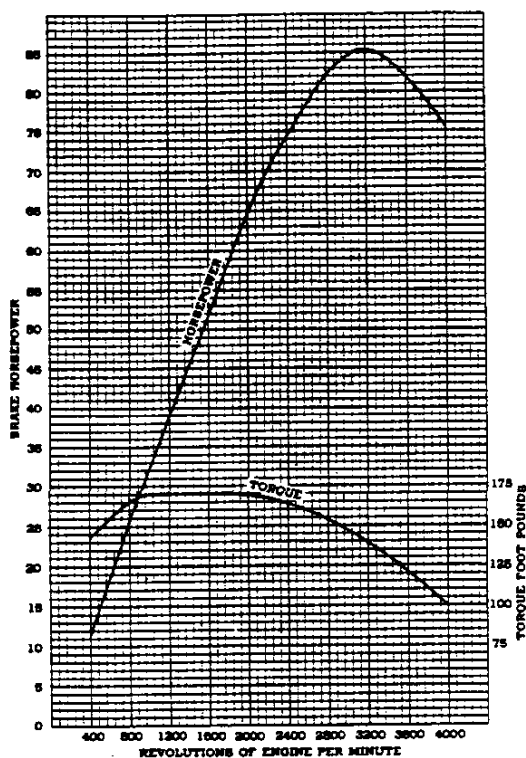
ITEM	PASSENGER CARS		TRUCKS				
	Light Delivery	3/4 TON, 3/4 TON SPEC.	131-1/8" COE	133" CONV.	156-5/8" COE	158-1/2" CONV.	107-5/8" COE
Type	Yoke and ring		Yoke and spider				
Number	One		Two				
Location of joints	Front	Transmission					
	Rear	None	2nd. cross member		3rd cross member		Rear axle
Yoke material	Drop forged steel, hardened						
Pin diameter	.6865"-.6875" (11/16)		.716"-.717" (23/32)			.6800"-.6805"	
Bearings	Type	Spherical bushing	Self-centering bushing				Needle rollers
	Mat'l.	Carbon steel, file hard surface					
	Number	Four					
	I.D.	.6895"-.6915"		.718"-.719"		.6812"-.6830"	
Length	37/64" (Effective)		.658"-.688" (Effective)			9/16" (Effective)	
Ball centers	None		10-13/64"	25.925"	51.361"		54-7/8"
Type	Tubular		Solid front, tubular rear	All-solid			Tubular (Hotchkiss)
Number	One		Two				
O.D.	Front	None		1.274"-1.284"		1.283"-1.284"	
	Rear	1.690"-1.700" x .094" ± .002" wall		1.278"-1.284"		3" x .083" wall	
Length	Front	None		8-11/16"	24-3/8"	49-49/64"	
	Rear	59-1/4"	59-61/64"		53-11/64"*		53-5/16"**
Type of ends	10 splines (See Splines)						16 splines, front

* - 46-7/64" with two-speed rear axle. ** - 45-13/16" with two-speed rear axle.
12-15-38

REAR DRIVE SYSTEM

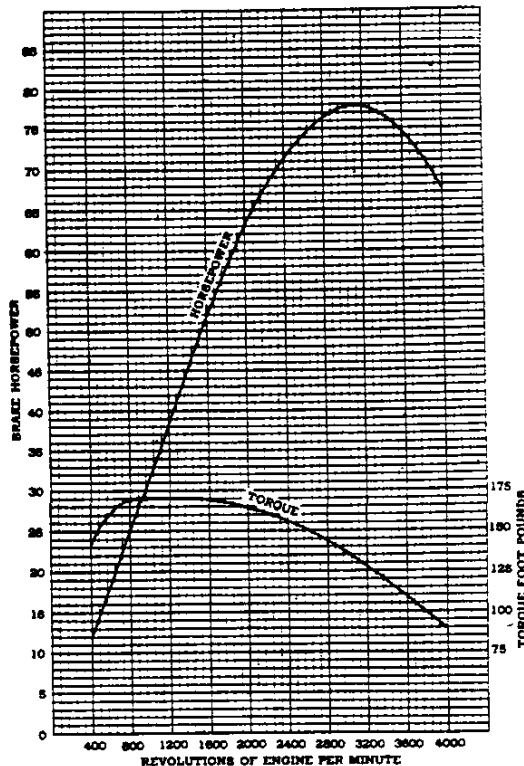
ENGINE GROSS PERFORMANCE

PASSENGER CAR ENGINE



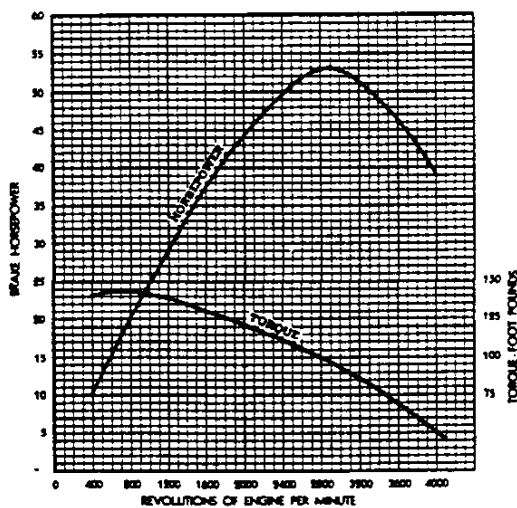
POWER AND TORQUE

TRUCK ENGINE



POWER AND TORQUE

R.P.O. ECONOMY ENGINE



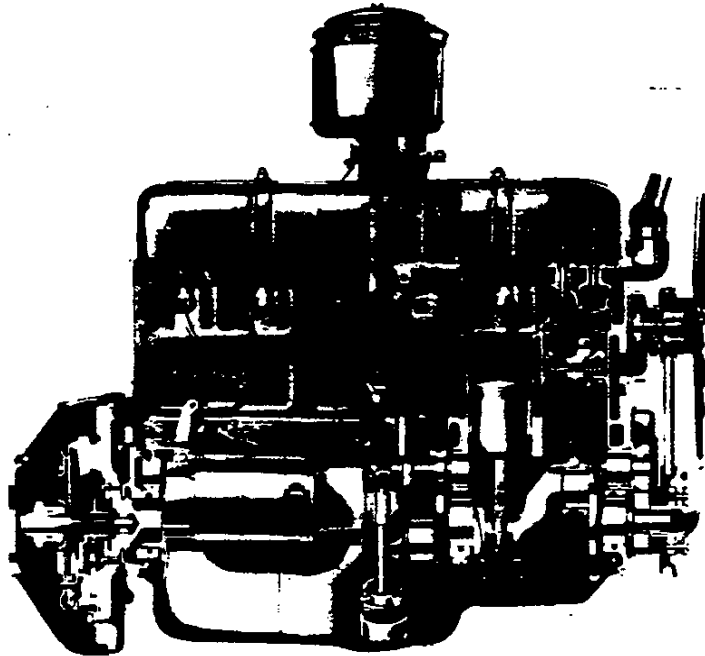
ENGINE TEST CONDITIONS

These curves represent the maximum power output of the 1939 Chevrolet engines at 29.92 inches Hg. and 60° F.

All dynamometer tests were conducted with the engine generator grounded and without fan, muffler and tail pipe.

The passenger car and truck engines were tested at full throttle; the R.P.O. Economy engine with the throttle stop on the carburetor set at approximately half throttle as installed in pass. cars or trucks.

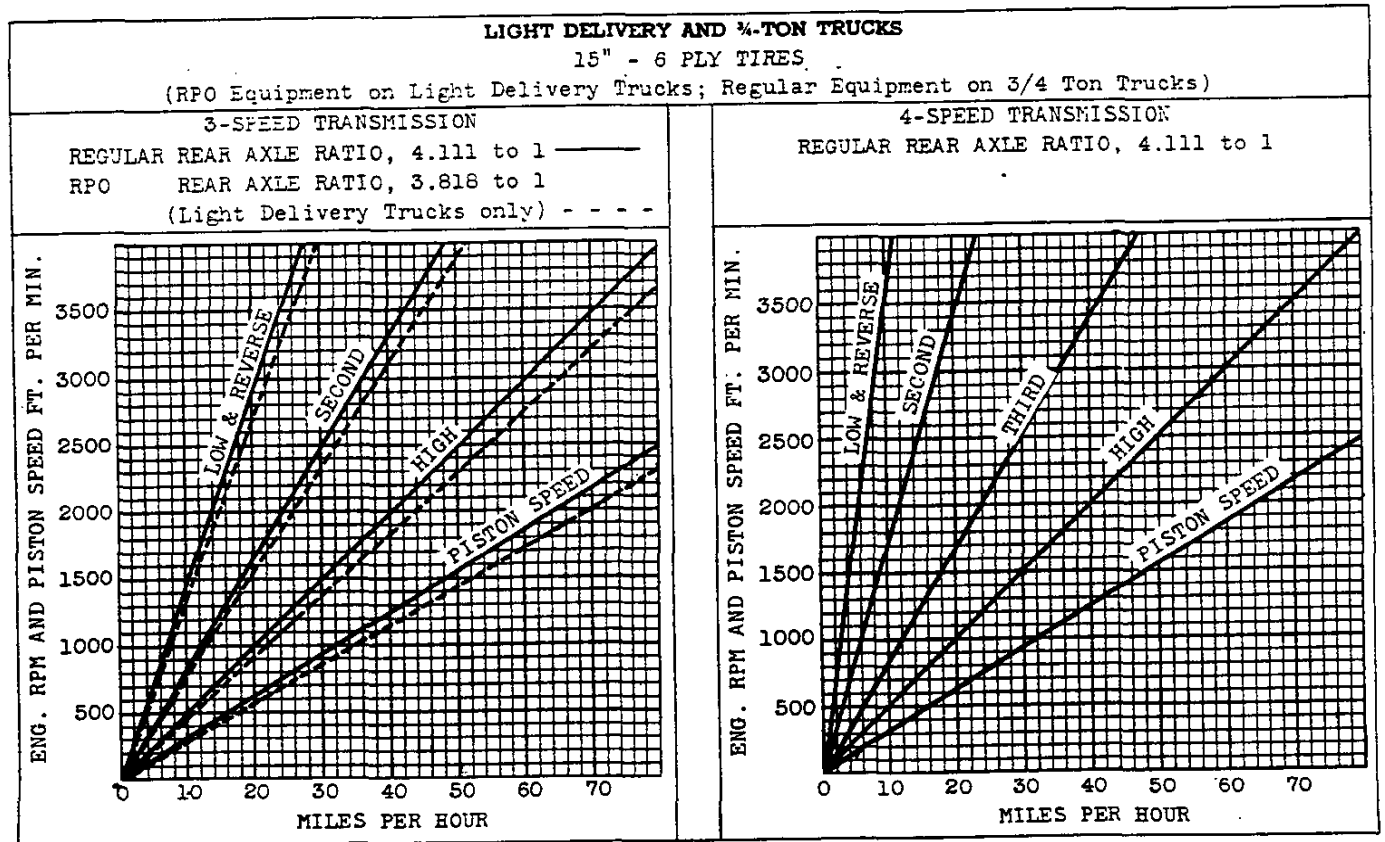
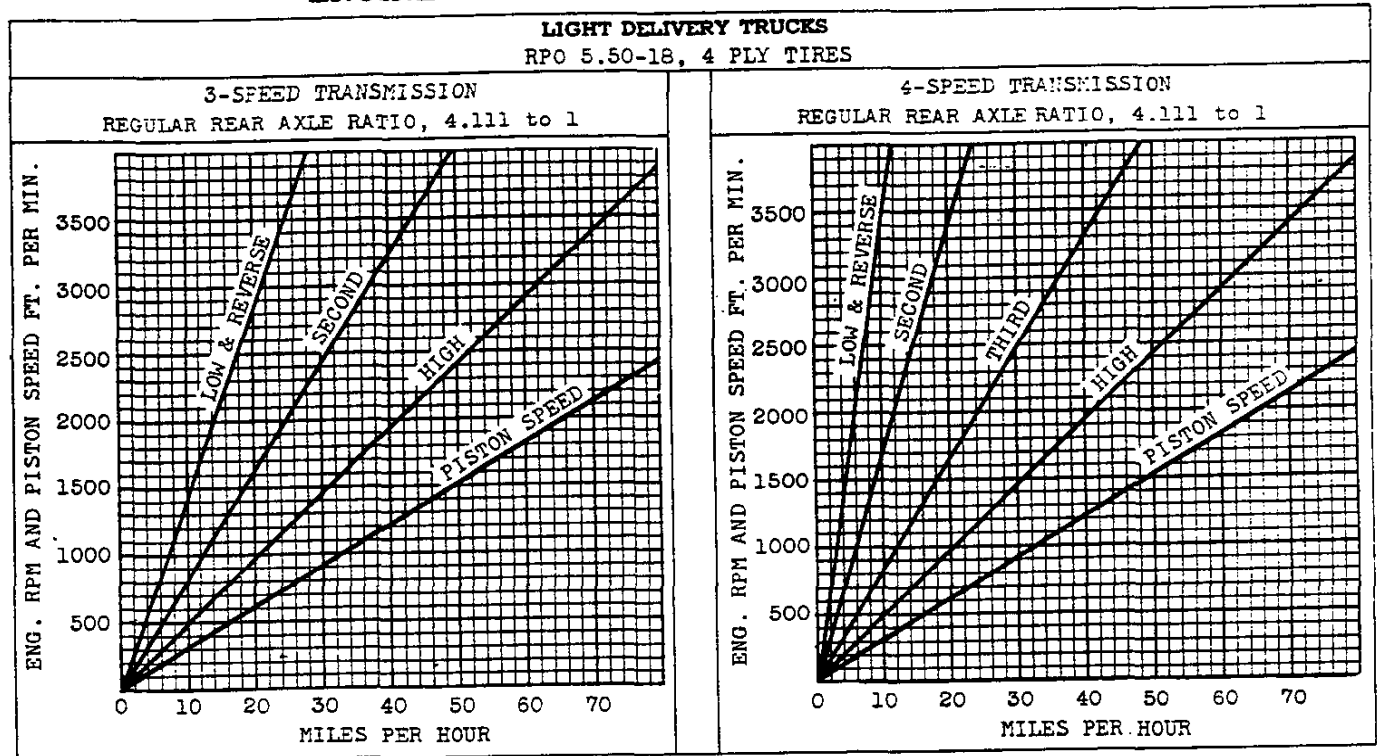
ENGINE GENERAL DATA



ITEM	PASSENGER CARS		TRUCKS					
	MASTER DELUXE	MASTER 85	LIGHT DELIVERY	3/4 TON	3/4 TON SPECIAL	HEAVY DUTY S.W. & D.W.		
Type	Valve-in-head							
Cylinders	Six in line-Cast en bloc							
Bore x Stroke	3-1/2 x 3-3/4"							
Piston displacement	216.5 cu.in.							
Compression ratio	6.25:1							
Taxable H.P.	29.4 <i>A.S.M.E.</i>							
Maximum B.H.P.*	Regular	85 at 3200 RPM		78 at 3200 RPM				
	Economy	53 at 2900 RPM						
Max. B.H.P./cu.in.disp.*	Regular	.393		.360				
	Economy	.245						
Maximum torque*	Regular	170 ft.lbs.						
	Economy	142 ft.lbs.						
R.P.M. at max. torque*	Regular	900-2000		850-1550				
	Economy	500-1000						
Maximum B.M.E.P.*	Regular	118 lbs./sq.in.						
	Economy	99 lbs./sq.in.						
Engine speeds	Maximum	4000 RPM						
	Max.with RPO governor	1400-3000 RPM						
Engine RPM/mile per hour °	52.5	46.33	51.11	49.60	44.82	56.55	58.18	
Engine revs./mile in high °	3150	2780	3067	2976	2689	3393	3490	
Piston travel in high, ft./mile °	1969	1737	1917	1860	1681	2121	2181	
Weight° (dry)	Engine complete	551#		556#	563# (576#-COE)			
	Power plant complete+	595#		606#	615#	656# (668#-COE)		

*- For engine test conditions, see page 44. ° - With regular equipment. + - Power plant weight includes engine, clutch and complete transmission.

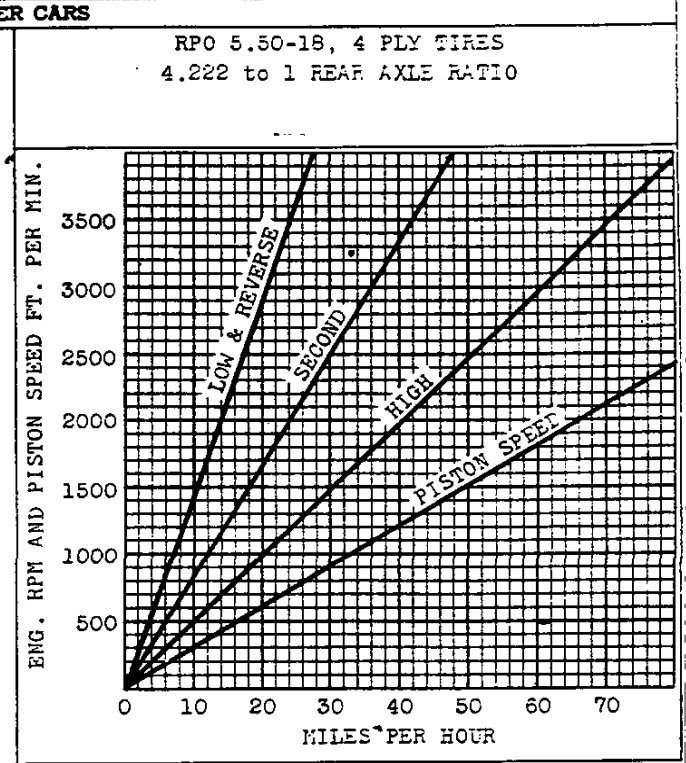
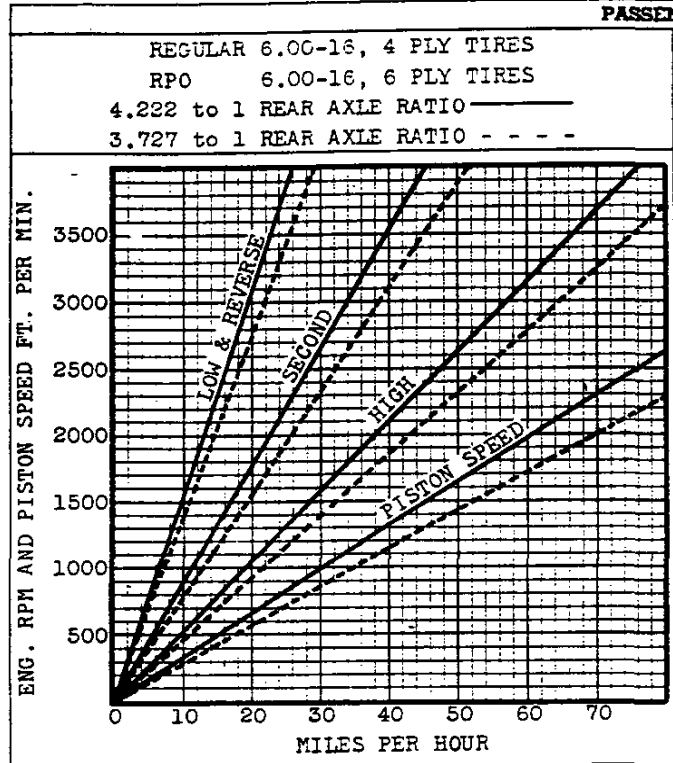
ENGINE R.P.M. AND PISTON SPEED—Continued



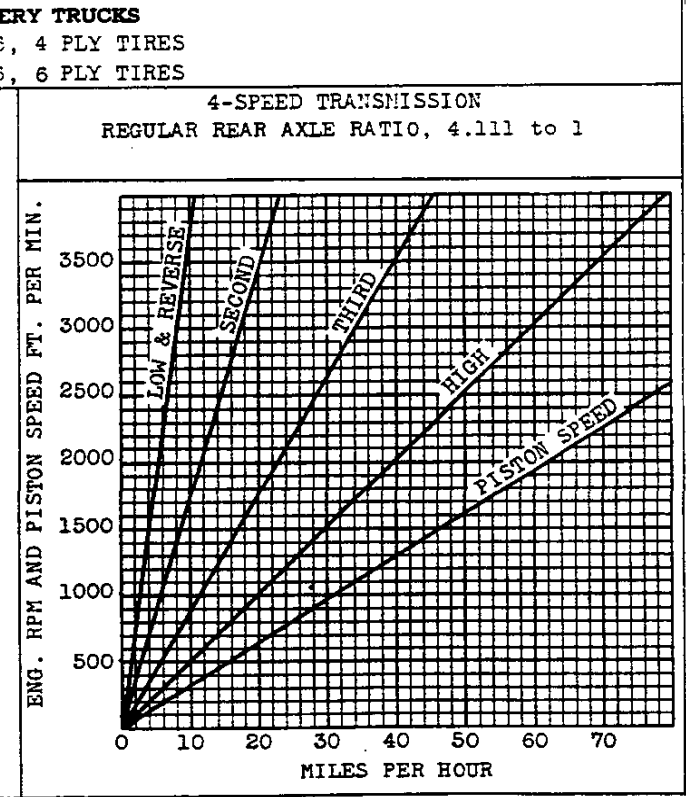
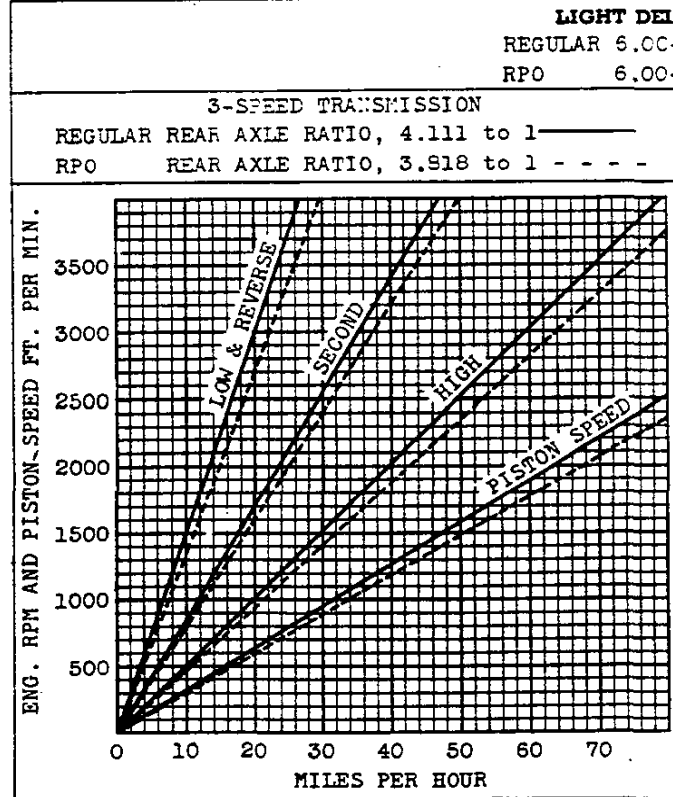
12-15-38

ENGINE R.P.M. AND PISTON SPEED

PASSENGER CARS

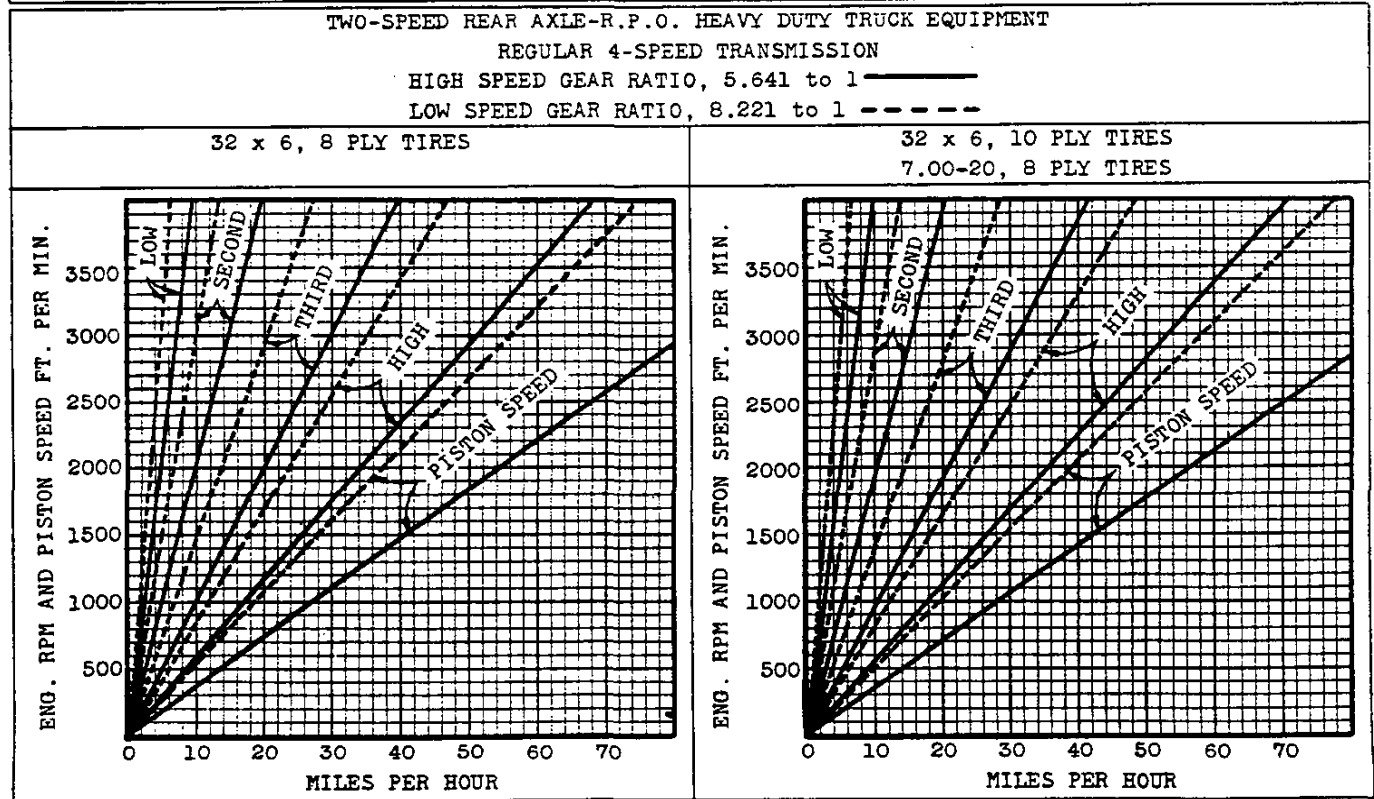
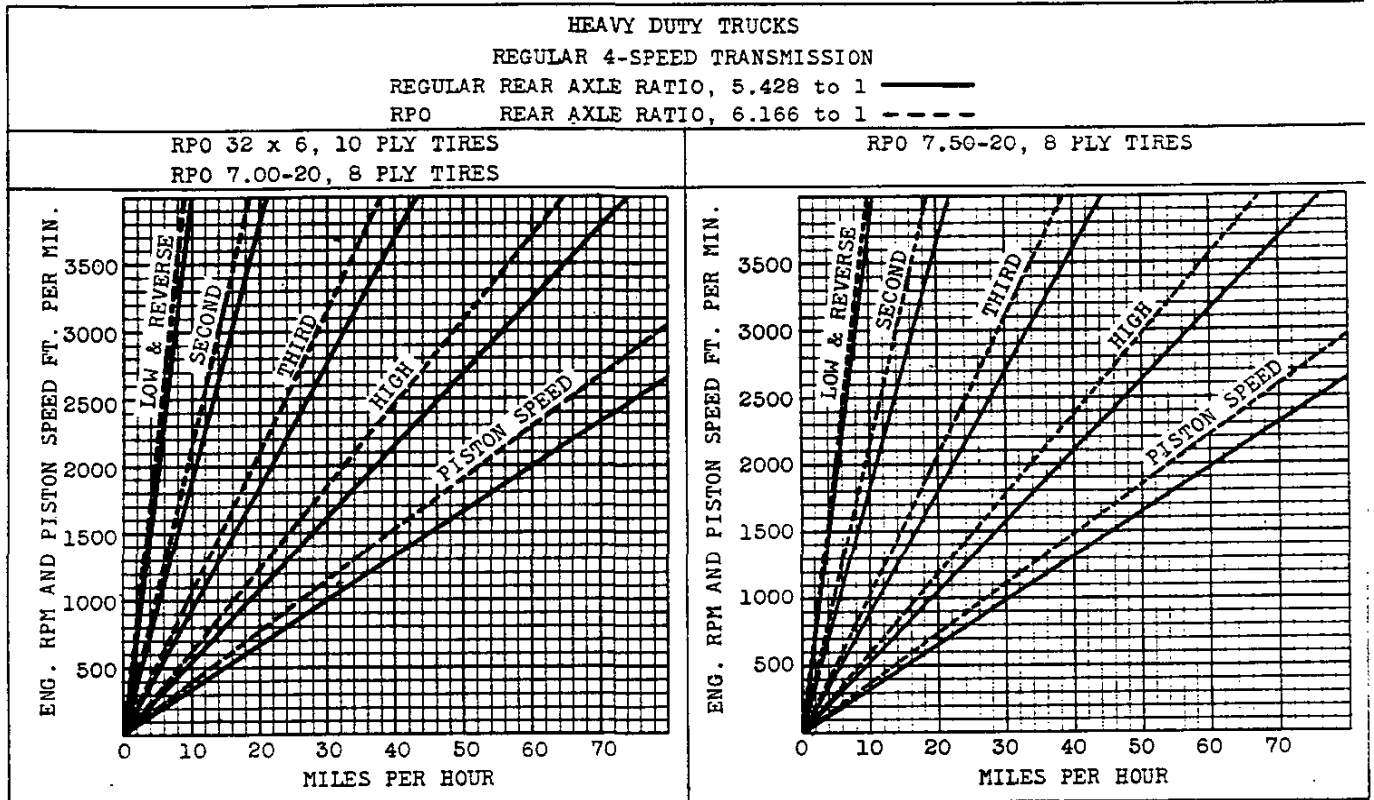


LIGHT DELIVERY TRUCKS



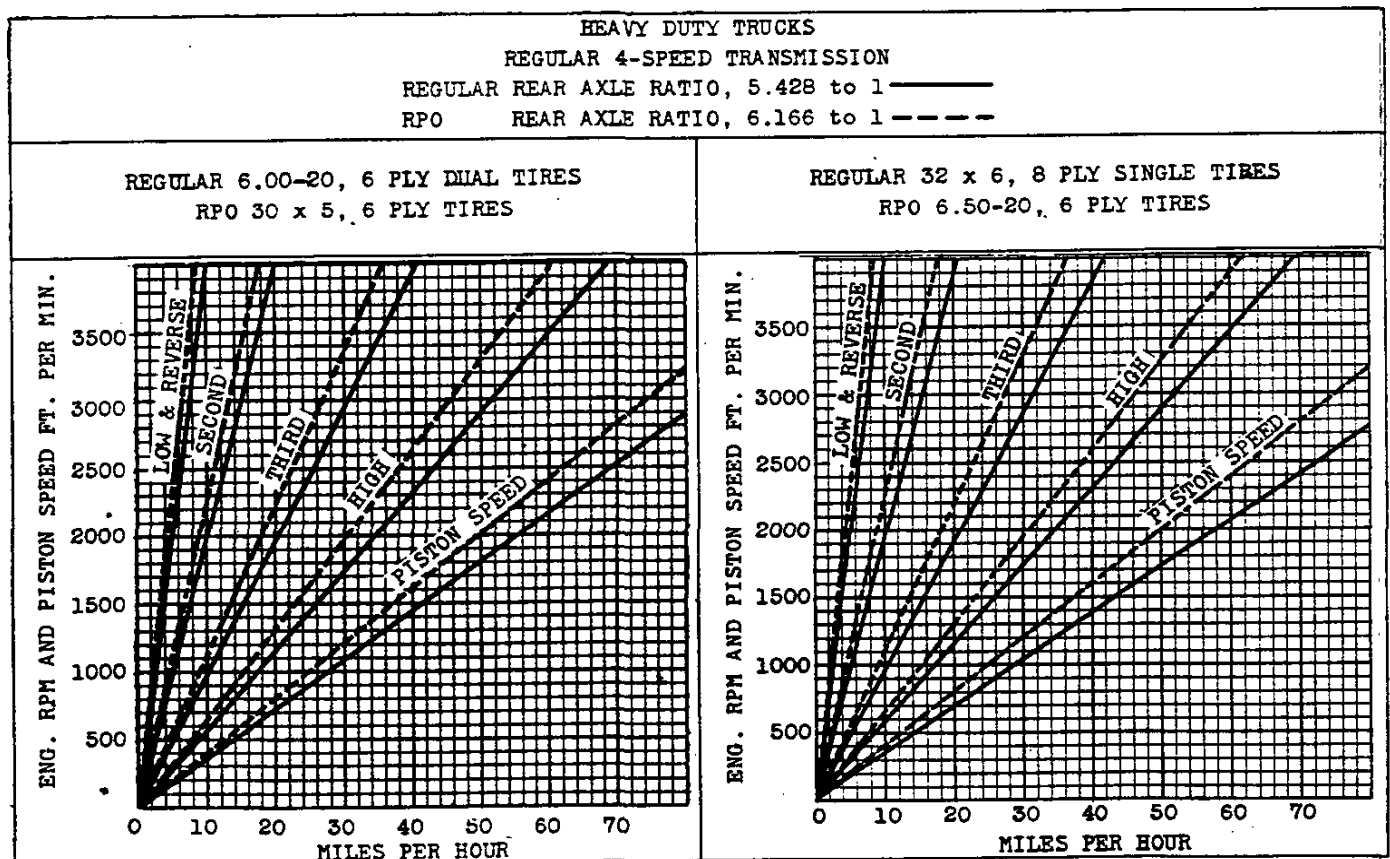
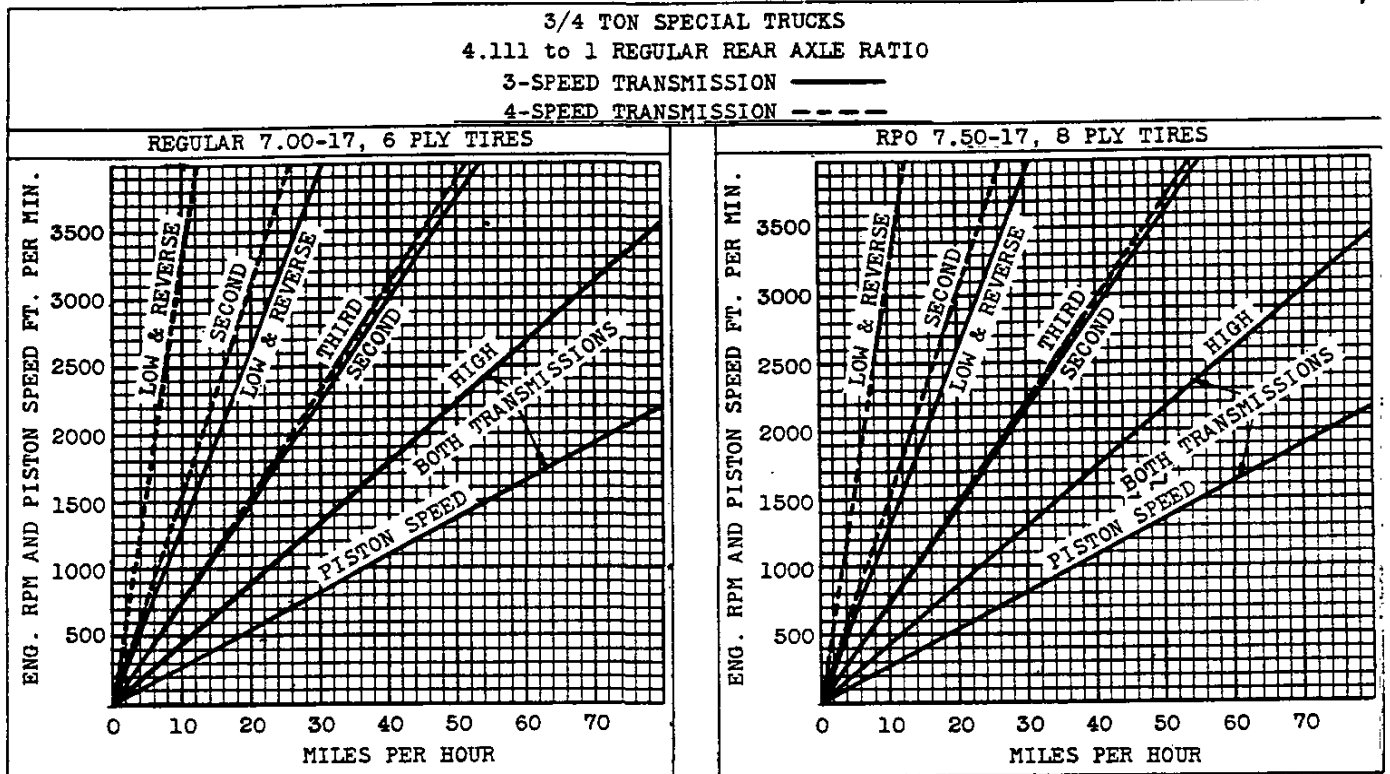
12-15-38

ENGINE R.P.M. AND PISTON SPEED--(Continued)



12-15-38. 4-21-39, Rearranged.

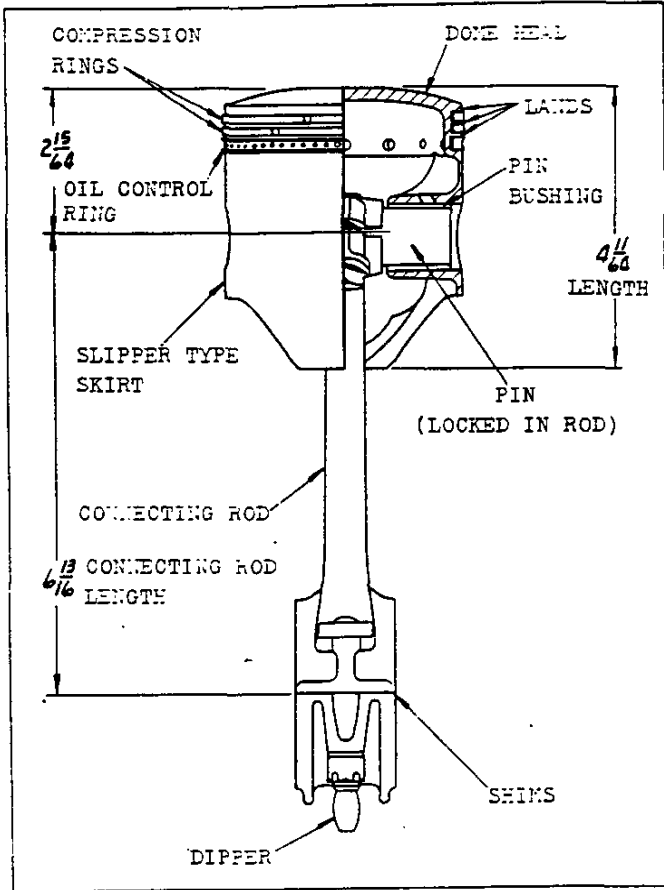
ENGINE R.P.M. AND PISTON SPEED—(Continued)



12-15-38. 4-21-39 Rearranged.

CHEVROLET 1939 SPECIFICATIONS

PISTONS



PISTONS

Type Slipper skirt, dome head
 Material Cast iron tin plated
 Dia. clearance at lands0147"-.0183"
 Compression rin groove depth151"-.163"
 Dia. clearance at skirt0017"-.0023"
 Oil ring groove depth172"-.184"
 Oil ring groove holes 14, 5/32" drill
 Side wall min. thickness-Pass.0347"-.0447"
 -Truck040"-.050"
 Head thickness151"-.171"
 Pin bushings-type Pressed in piston
 -material Bronze
 -O.D.953"-.964"
 -length (each) 1 11/16"
 -finish Diamond bore
 -weight (each)050#
 Weight of piston & bushing assy.-Pass. ... 1.89#
 -Truck ... 1.89#
 Weight of piston, bushings, rings, pin and conn.
 rod upper end x 6 - Pass. 14.40#
 - Truck 13.24#

PISTON PINS

Material Chromium steel-file hard case
 Diameter 1.8145"-1.8650"
 Length 3.135"-3.165"
 Taper limit in full length0002"
 Weight (each)32#
 Clearance in bushing Slip fit

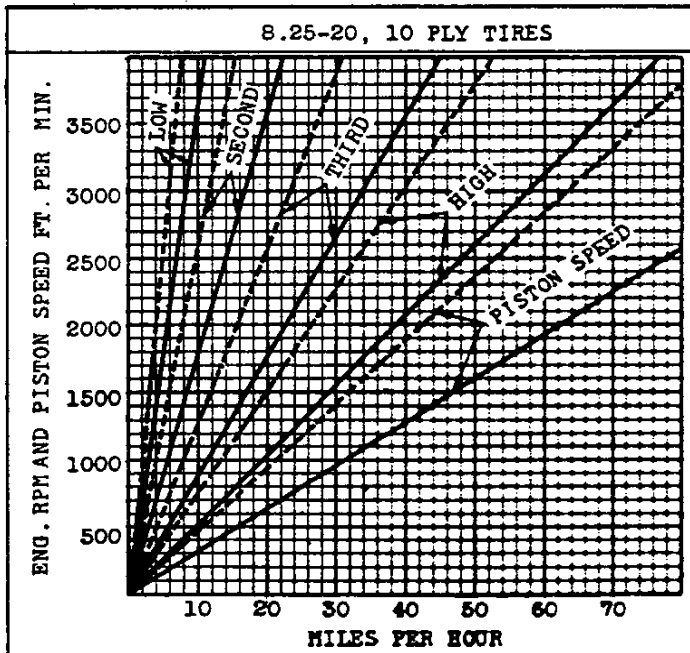
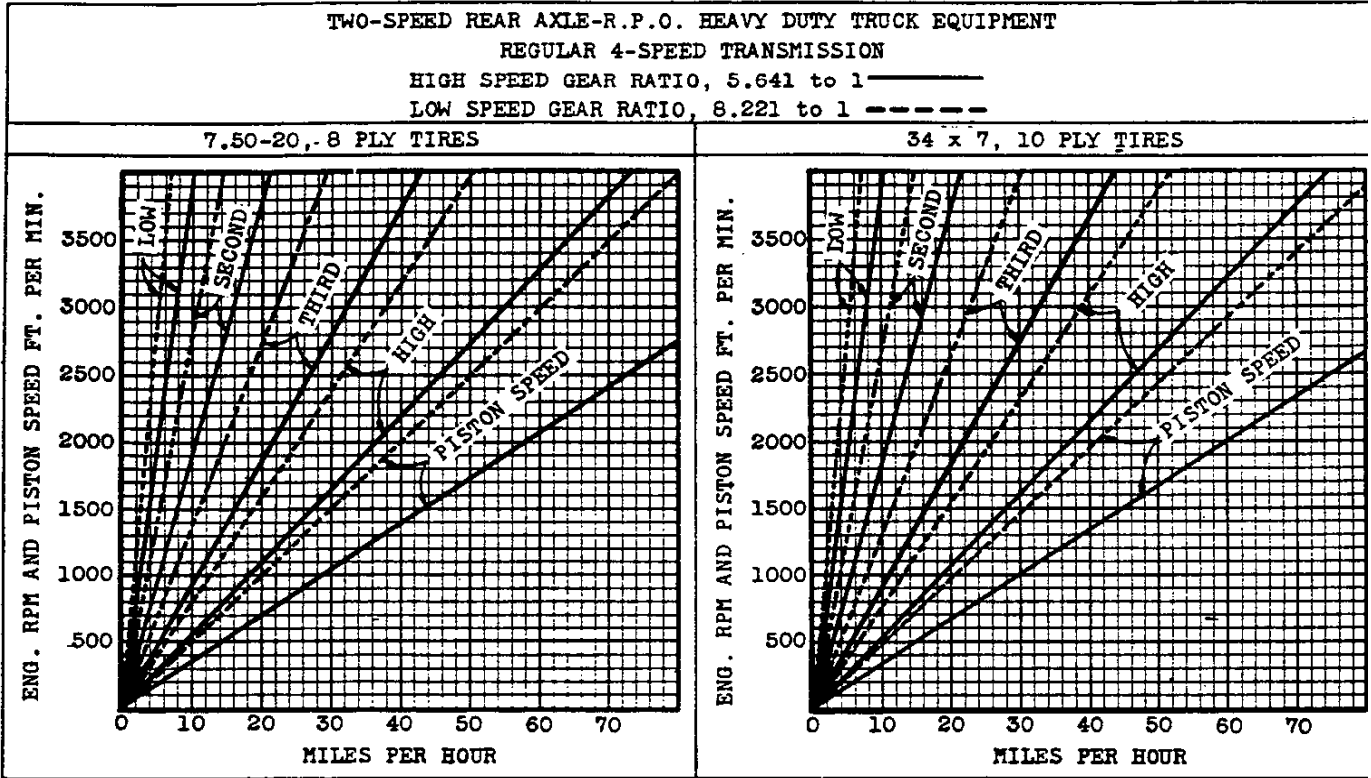
PISTON RINGS	COMPRESSION	OIL CONTROL
Material	Cast iron	
Type	Plain	Drilled or slotted
Number	2	1
Arrangement	Upper two rings	Under compression rings
Width	.1235"-.1240"	.1630"-.1665"
Wall thickness	.155" max.	.155" max.
Gap clearance	.005"-.015"	.005"-.015"
Ring clearance in groove	.0015"-.003"	.002"-.0035"
Weight (each)	.05 lbs.	.06 lbs.

CONNECTING RODS

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 1-5/16"
 -material Babbitt
 -finish Diamond bore
 -clearance on dia.001"-.0025"
 Lower end bearing area-
 Projected 18.22"
 Circumferential 57.23"
 Shims-type & material Solid aluminum alloy
 Weight conn.rod assy. (each) 1.77#
 Upper end (each)4#
 Lower end (each) 1.37#
 Total rotating weight (lower end x 6) 8.22#
 Connecting rod assembly center of gravity from
 wrist pin center 5.273"
 Connecting rod end play0045"-.0115"

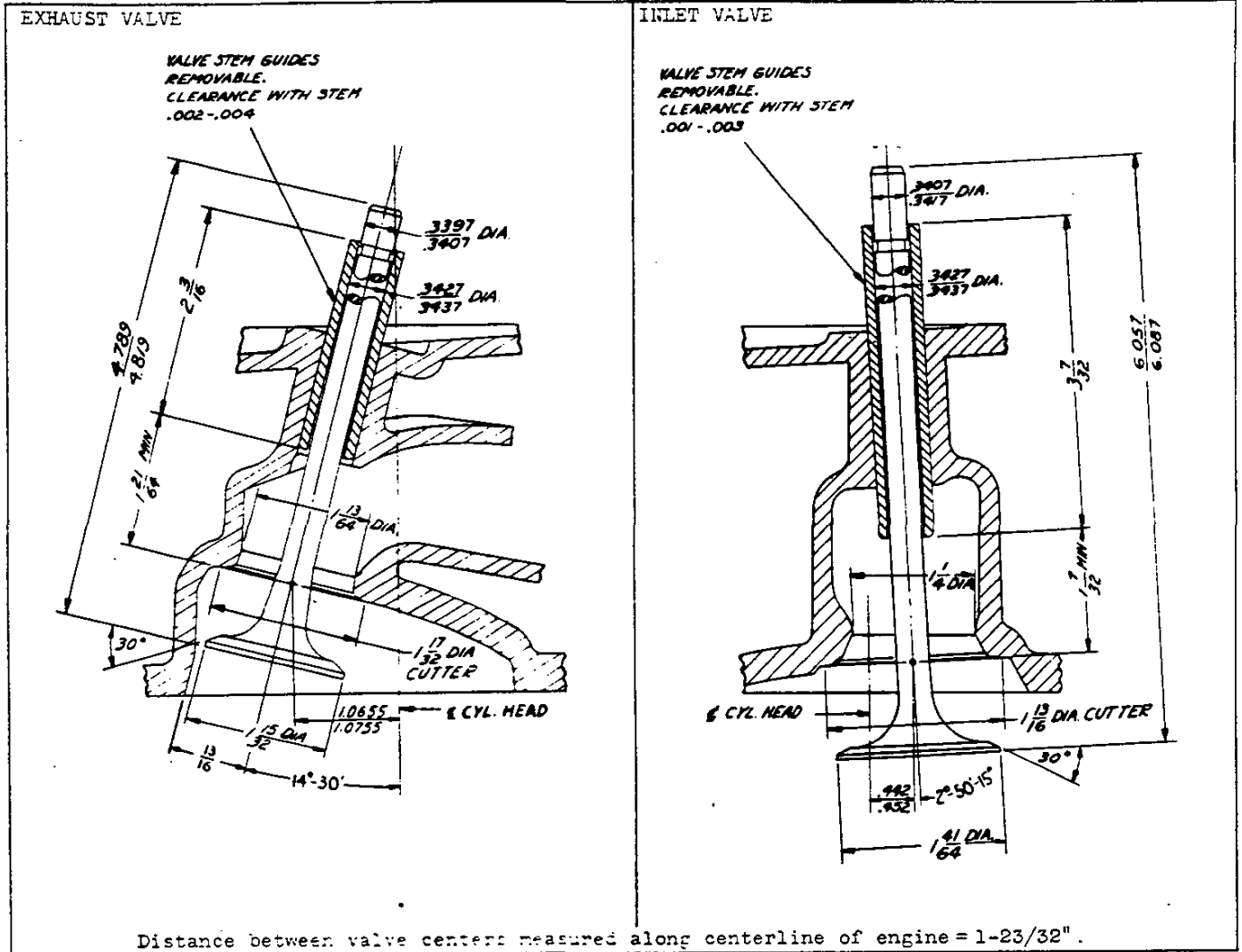
ENGINE R.P.M. AND PISTON SPEED--(Continued)

TWO-SPEED REAR AXLE-R.P.O. HEAVY DUTY TRUCK EQUIPMENT
 REGULAR 4-SPEED TRANSMISSION
 HIGH SPEED GEAR RATIO, 5.641 to 1 ———
 LOW SPEED GEAR RATIO, 8.221 to 1 - - - - -



12-15-38. 4-21-39, Rearranged. Chart for 8.25-20, 10 ply tires added.

VALVES



VALVE DATA

Valve material Extruded steel
Valve stem end style Grooved for cup and cone
Valve lift-Exhaust3116"
-Inlet2947"

VALVE SPRING PRESSURE

Valve closed 49*-56*
Valve open 121*-133*

VALVE SEAT

Material Cast iron (cylinder head)
Cooling Jets of water under pressure
Seat width in head-Exhaust062"-.093"
-Inlet036"-.060"

VALVE ROCKER ARM

Ratio 1.477 to 1
Bushing-Material Cast bronze
-Opt. material Steel backed babbitt
-Diameter7925"-.7935"
-Length 15/16"

VALVE TAPPET

Type Cylindrical
Material Cast alloy iron
Outside diameter989"-.990"
Operating clearance-Exhaust013"-.015" hot
-Inlet006"-.008" hot
Tappet lift-Exhaust2111"
-Inlet1991"

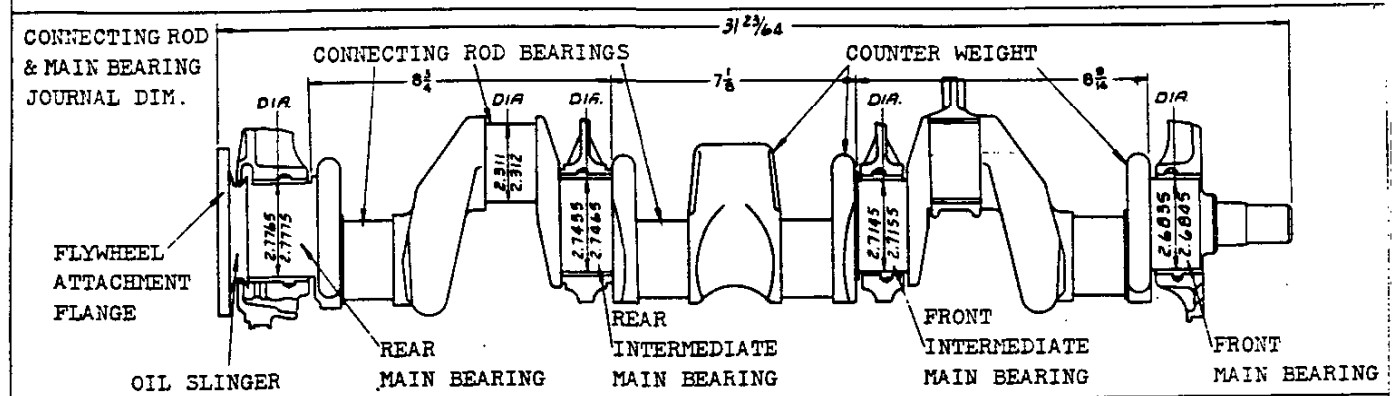
CYLINDER HEAD

Type Detachable
Material Cast alloy iron

Combustion chamber design "Blue Flame"

12-15-38

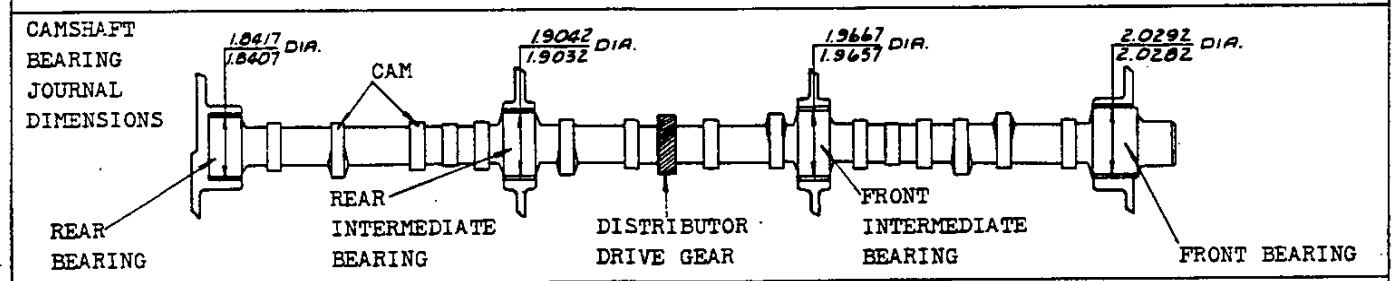
CRANKSHAFT



CRANKSHAFT		MAIN BEARINGS	
Type	4 bearings, 7 counterweights	Number	4
Material	Drop-forged steel	Type	Removable
Weight	69#	Material	Steel-backed babbitt
Offset	None	Clearance	.002"-.004"
End play	.004"-.007"	Thrust taken on	Rear intermediate bearing
Clearance between oil thrower groove in crankshaft and flange on cylinder block	.002"-.030"	Total bearing area:	
Harmonic balancer type	Oscillating	Projected	13.41 sq.in.(11.89 sq.in.eff.)
Crankshaft pulley dia.	6-1/32"	Circumfer'1	42.13 sq.in.(37.35 sq.in.eff.)
Crank pin journal width	1-1/2"	Shim-type	Solid
		-material	Alloy aluminum & brass

MAIN BEARINGS	FRONT	FRONT INTERMEDIATE	REAR INTERMEDIATE	REAR
Inside diameter	2.6865"-2.6875"	2.7175"-2.7185"	2.7485"-2.7495"	2.7795"-2.7805"
Effective length (brg.)	1"	1"	1"	1-11/32"
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"	1-59/64"

CAMSHAFT



CAMSHAFT		CAMSHAFT BEARINGS	
Material	Drop-forged steel	Number	4
Drive type	Gear	Thrust taken on	Front bearing
Drive gear material	Bakelite & fabric comp.	Clearance on dia.	.0015"-.0035"
Crankshaft gear material	Steel	Total bearing area-Projected	7.64 sq.in.
End play	Free - .003" max.	-Circumferential	24.0 sq.in.
Camshaft ramp	.0111" inlet, .014" exh.	Minimum diameter of shaft	1-3/32"

CAMSHAFT BEARINGS	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"

12-15-38

CHEVROLET 1939 SPECIFICATIONS

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

CARBURETOR

Make and model Carter W1-420S for all models except COE. Carter BBl-447S 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.

FUEL MIXTURE

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

OCTANE SELECTOR

Type and range Manual, 20° Vernier

AIR CLEANER

Make AC
 Type ... Combined with silencer & flame arrester for passenger cars. Combined with flame arrester for truck models. Oil bath type for COE*.

R.P.O. AIR CLEANERS		
	PASSENGER CARS	CONV. TRUCKS
Make	AC	
Type	Combined with flame arrester	None
	Combined with flame arrester and oil bath	
	With flame arrester, oil bath and silencer	

FUEL TANK	PASSENGER CARS		TRUCKS						
	Chassis, Spt. Sedan, Coa., 4 Pass. Cpe., Sed., Town Sed., Station Wagon	Business Coupe, Master 85 Sedan Delivery	LIGHT DELIVERY		3/4 & 3/4 TON SPECIAL		HEAVY DUTY		
LOCATION									
MOUNTING	Suspended in chassis between two rear cross members.	Clamped to underbody below floor just behind seat.	Clamped to right side rail ahead of rear fender.	Clamped to cab floor directly under cab seat.	Clamped to right side rail ahead of rear fender.	Clamped to cab floor directly under cab seat.	3-point mounting to frame below seat position.	Clamped to body floor directly under seat.	Clamped to right side rail to rear of cab.
TYPE	Two stamped pans, seam-welded together								
CAPACITY	14 gallons	18 gallons	16 gallons	18 gallons					
FILLER LOCATION	Outside on right rear fender.	Outside before right fender.	Outside behind right side door.	Outside at cab right rear corner.	Outside behind panel right door.	Outside at right rear cab corner.	At right side of chassis.	Outside at right rear cab corner.	At right side of chassis.

EXHAUST SYSTEM

ITEM	PASSENGER CARS	TRUCKS
Muffler type	Diffusion and resonance (5 tube reverse flow)	
Diameter x length	6-1/16" x 18"	
Muffler mounting	Single point rubber	
Exhaust pipe diameter	1-7/8"	
Tail pipe diameter	1-3/4"	1-1/2"

12-15-38. 2-3-39, * COE type air cleaner added. 4-21-39, RPO air cleaner revised, @ was BBl-420S,

ENGINE

LUBRICATION SYSTEM

Type Pressure, pressure stream and splash.
 MAIN BEARING lubrication Direct pressure. Oil is pumped through drilled passages in cylinder case to main bearings.
 CAMSHAFT BEARING lubrication Direct pressure through passages from main bearings.
 TIMING GEAR lubrication Gravity feed from camshaft front bearing overflow.
 CONNECTING ROD BEARING lubrication ... By dippers at low speeds. By pressure streams at high.
 CYLINDER BORE lubrication Splash
 PISTON PIN lubrication Splash
 VALVE MECHANISM lubrication Pressure. Pipe from high pressure side of distributor carries oil to valve rocker arms, springs, valve stems

and push rod upper ends.
 WATER PUMP lubrication Permanently lubricated, sealed ball bearing.
 Oil pump type Gear
 Oil pump drive From camshaft
 Normal oil pressure 13.5# @ 2621 RPM
 Oil pressure relief valve opens at 75#
 Oil cleaner type Screen with by-pass on intake side of oil pump.
 Oil drain type Plug in side of oil pan.
 Crankcase ventilator type Suction
 Oil filler Combined with ventilator
 Oil screen area 18.3 sq.in.
 Oil level gauge type Rod
 Oil pan capacity (dry) 5-1/2 quarts
 Oil pan capacity (for refill) 5 quarts

COOLING SYSTEM

ITEM		PASSENGER CARS		CONVENTIONAL TRUCKS			
		MASTER DELUXE	MASTER 85	LT.DEL. 3/4 & 3/4 T.S.	HEAVY DUTY	C.O.E.* TRUCKS	
Cooling system capacity		14 quarts			16-1/2 qts.		
Radiator core	Make and type	Harrison, ribbed cellular					
	Material	All copper					
	Size	.222"x.556"x2"	.25"x.556"x2"	.25"x.560"x2"	.20"x.560"x2"	.20"x.560"	
	Exp. core area	368.5 sq.in.		405 sq.in.			
	Fan shroud	None					
Radiator hose	Type	Conventional 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 6-1/4" long		
Outlet		UPPER: 1-1/2" I.D. x 2-3/4". LOWER: 1-1/2" I.D. x 5" (4-7/16" COE)					
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"	16-1/4"	18"			
	Fan pulley	28° V - 4-21/64" diameter					
	Ratio to Eng. Speed	1.393:1					
	Core clearance	11/16"					
	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				

* - R.P.O. core for 3/4 Ton, 3/4 T.S., and Heavy Duty models with shroud. Water capacity 16 quarts. 12-15-38. 2-8-39, Oil thermometer removed, • was graphite impregnated bakelite and fabric composition.

ENGINE ELECTRICAL SYSTEM—Continued

IGNITION - Continued

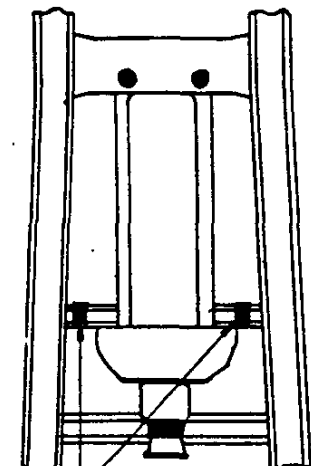
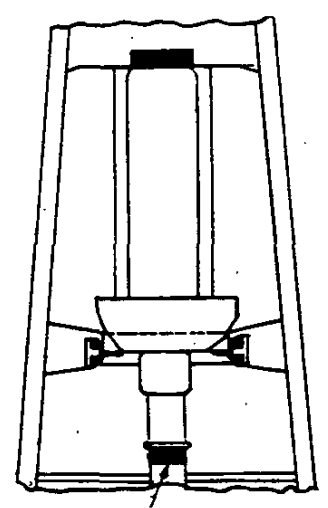
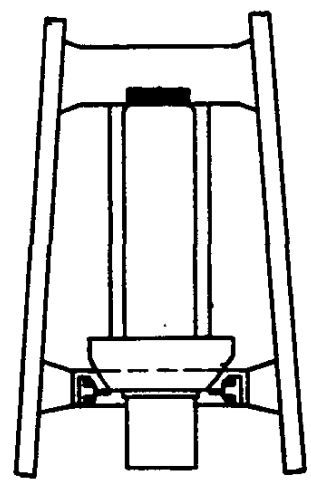
Ignition lock type Armored cable
 from coil to dash and lock switch
 Condenser make Delco-Remy
 Coil no. & location 1858255 Engine right side •
 Coil Amps. drawn - Engine stopped 4.5
 - Engine idling 2.5
 Spark plug-make and size AC 44*
 -thread size 14 mm.
 -recommended gap040"

STARTING MOTOR

Make Delco-Remy
 Model 1107009
 Type of drive Mechanical
 Rotation (commutator end) Counter-clockwise

Bearings-commutator end Cast Iron
 -drive end ... Graphite lubricated bushing
 Lock test-amperage draw 52
 -volts 3.4
 -torque 12 ft.lb
 No load test-amperage draw 12
 -volts 5.4
 -RPM 2500
 Pinion meshes On front of flywheel
 Pinion teeth 9
 Flywheel teeth 138
 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

POWER PLANT MOUNTINGS

PASSENGER CARS	LIGHT DELIVERY	3/4, 3/4 TON SPEC., HEAVY DUTY
TYPE - 5 POINT RUBBER CUSHION BALANCED	TYPE - 4 POINT RUBBER CUSHION BALANCED	TYPE - 3 POINT RUBBER CUSHION BALANCED
		
TORQUE REACTION SUPPORTS	BRAKE & DRIVING TORQUE REACTION SUPPORT	

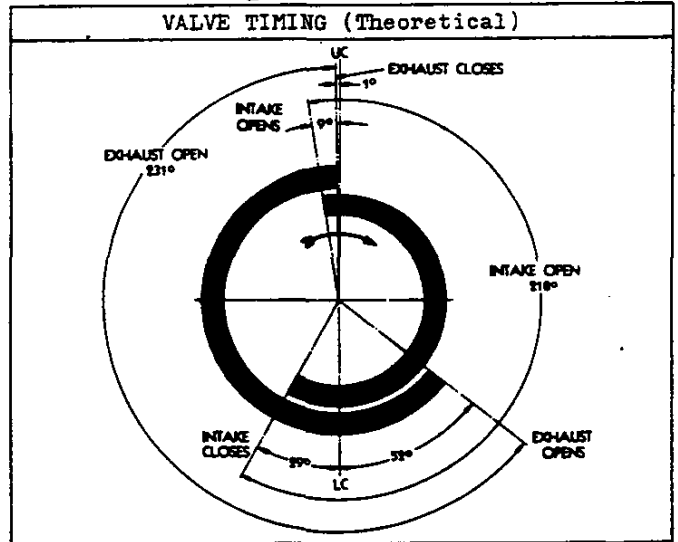
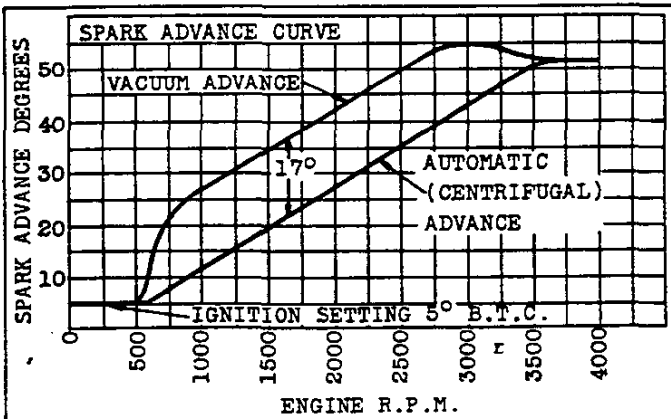
12-15-38. 4-21-39, * - was AC 46, • - revised.

ENGINE ELECTRICAL SYSTEM									
GENERATOR	PASSENGER CARS				TRUCKS				
	MASTER DELUXE	MASTER 85	LIGHT DELIVERY	3/4 TON	3/4 TON SPECIAL	HEAVY DUTY CONV. REGULAR	R.P.O.	CAB-OVER - ENGINE	
Make	Delco-Remy								
Model	#1100004			#948R			#934F	#1100004	
Ventilated by	Fan built into generator pulley								
Driven by	"V" belt								
Generator pulley	Type	28° V							
	Diameter	3-11/32"			4-13/32"		3-11/32"		
Speed ratio-generator to engine	1.80:1			1.38:1		1.80:1			
Amperes -cold	Lights off	26-30		16.5			26-28		26-30
	Lights on	26-30		19-23			26-28		26-30
Maximum charging rate-cold	Voltage	8		8.4-8.8			8		
	RPM	3400		2800			1400 up		3200
	Car speed MPH	35.6	40.9	30.8	31.4	34.5	26.6	17.9	32.2
Amperes -hot	Lights off	25-28		15.5			26-28		25-28
	Lights on	25-28		16-20			26-28		25-28
Maximum charging rate-hot	Voltage	8		8.1-8.5			8		
	RPM	3600		3100			1700 up		3600
	Car speed MPH	37.8	43.3	34.1	34.8	38.2	29.5	21.7	34.2
Thermostat	None								
Field fuse	None								
Voltage regulator type	Vibrator			None			*	Vibrator	
Rated voltage	6-8								
Brush tension	14-18 oz.			22-26 oz.		14-18 oz.			
Rotation (Drive end)	Clockwise								
Bearings	Commutator end	Bronze bushing							
	Drive end	Ball							
Cut-out	Voltage at closing	6.5-7.0		6.75-7.5			6.9-7.6		6.5-7.0
	Armature speed	800 RPM			475 RPM		800 RPM		
	Car speed at closing MPH	8.42	9.63	8.68	8.98	9.86	7.61	6.0	7.61
	Amperes to open	0-3		0-2.5			0-4		0-3

IGNITION

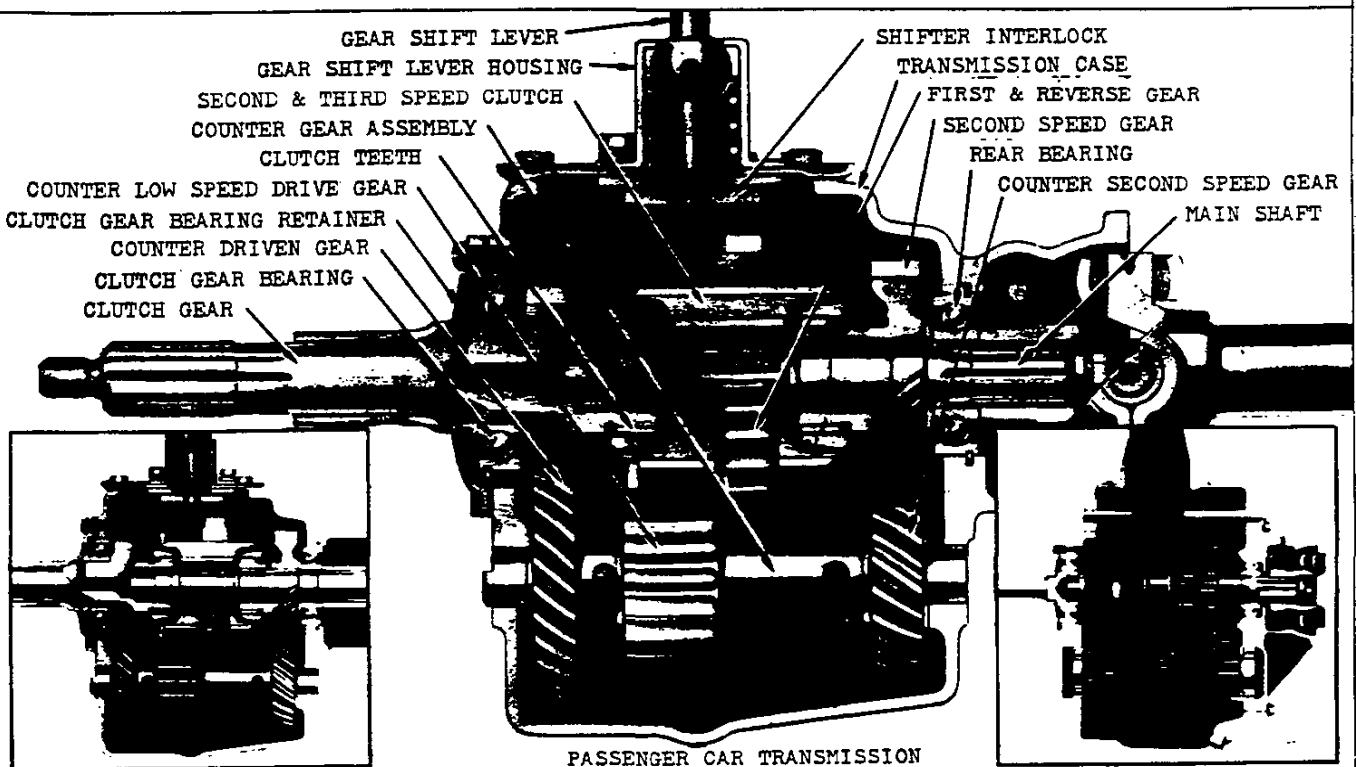
Type Separate units, high tension distributor ground return system
 Make & Model Delco-Remy #1110008
 Current source Generator
 Spark control type Full automatic
 Spark advance-vacuum 17°
 -automatic 42° - 50°

Timing spark advance 5° B.T.C.
 Firing order 1-5-3-6-2-4
 Distributor interrupter point opening .018"-.024"
 Distributor bearings material Cast iron



* - Vibrator type voltage regulator with current control.
 12-15-38

TRANSMISSION



ITEM		PASS. CARS, LT. DEL., 3/4 T & 3/4 TS	HEAVY DUTY	
Transmission location		In unit with engine		
Type		Selective synchro-mesh, silent second	Conventional	
Shift type		Standard		
Number of speeds		3 forward, 1 reverse	4 forward, 1 reverse	
Constant mesh gears type		Helical	Spur	
Synchronous meshing gears		Second and third	None	
Torque capacity		192 ft.lb.		
Gear ratios & maximum torque of gear set at given ratio	First	2.94 = 474 ft.lb. @	7.226 = 1167 ft.lb. @	
	Second	1.68 = 271 ft.lb. @	3.478 = 561 ft.lb. @	
	Third	Direct = 170 ft.lb.	1.711 = 276 ft.lb. @	
	Fourth	None	Direct = 170 ft.lb.	
	Reverse	2.94 = 474 ft.lb. @	7.148 = 1152 ft.lb. @	
Bearings	Reverse idler bushing	No. & Mat'l Two-bronze	Two-brass	
	Main shaft bearing	Front	Hyatt #590752	
Rear		N.D. #954168	N.D. #903307	
Bushings	Counter shaft brg. or bushing	Material	Bronze	
		Steel		
	Size or part no.	Front	.8772"-.8782" I.D. x 1-3/16"*	Hyatt #142260
		Rear	.8772"-.8782" I.D. x 1-3/16"*	Hyatt #121856
Clutch gear brg. part no.		N.D. #954141	N.D. #903209	
Second speed (Main) gear bearing (shaft)	Material	Chromium steel-hardened	None	
	Size	1.062"-1.063" I.D. x 1-3/4"*	None	
Power take-off	Type	None	6 bolt S.A.E. Standard	
	Location	None	On left side	
	Speed at 1000 Engine RPM	None	425	
	Meshing gear	None	33 teeth	

* - Effective length. @ - 95% efficiency assumed. Pass. & 1/2 Ton - D.F. CHROME STEEL CYANIDE HARDENED
3/4 TON - 3 1/2% N.I.M.O. CASE HARDENED

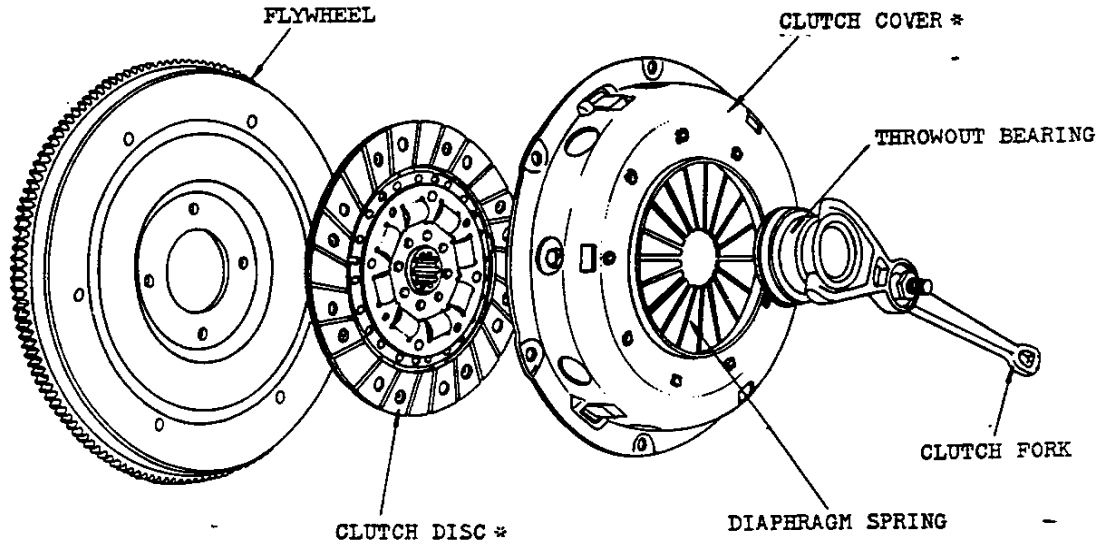
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TRANSMISSION

CHEVROLET 1939 SPECIFICATIONS

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CLUTCH

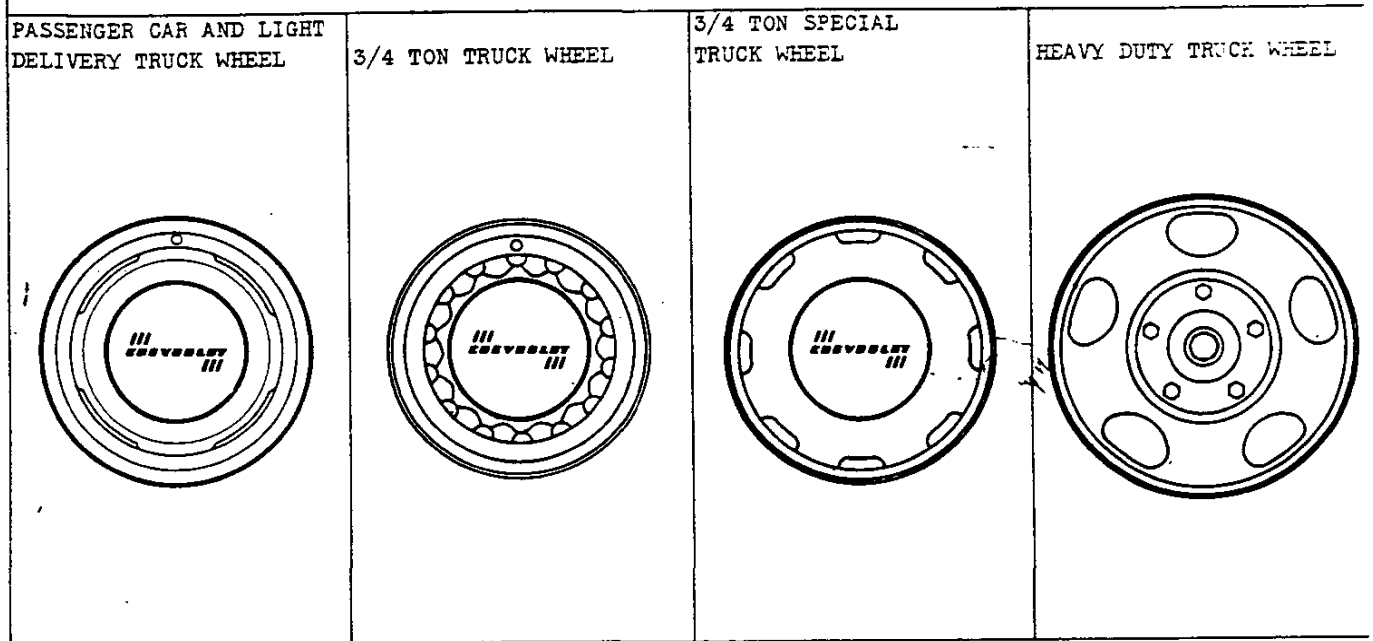


ITEM		PASSENGER CARS	TRUCKS		
			LIGHT DELIVERY	3/4 T., 3/4 T.S. & HEAVY DUTY	
Type		Single dry plate			
Rated torque capacity		192 ft.lb.			
Spring	Number and type	Single - Diaphragm			
	Pressure	1070#-1310#			
	Material	Spring steel - Heat treated			
	Pressure levers	18 integral with spring			
Drive		Through radial lugs			
Discs	Driving	Flywheel and pressure plate			
	Driven - number	One			
	Vibration insulation		8 Cushion springs at hub @		
	Facing	Material	Woven and formed - Asbestos composition		
		O.D. & I.D.	9" - 6-1/4"	10-3/4" - 7"	
		Area	65.87 sq.in.	104.6 sq.in.	
Thickness		.132"-.138"	.137"-.143" ϕ		
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)	31.5#			
	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		

12-15-38. 4-21-39, *- Revised. @- "8" added. ϕ - Was .122"-.128".

CLUTCH

WHEELS



TIRES AVAILABLE

MODEL	SIZE	FRONT LOAD PER TIRE AT MIN. PRES.	REAR				WHEEL RIM SIZE	WHEEL OFFSET	DISC THICK. AT HUB $\frac{5}{8}$
			LOAD PER TIRE	RECOM- MENDED PRESSURE	LOADED RADIUS ROLLED	LOADED REVS. /MILE			
DMAS	6.00-16-4 Ply, Reg.	875#-26#	950#	28#	13.52"	746	16 x 4.00E	9/16"	5/16"
MAS 85	6.00-16-6 Ply, RPO	915#-28#	955#	30#	13.53"	745	16 x 4.00E		
LIGHT DELIV- ERY	5.50-18-4 Ply, RPO	880#-28#	940#	30#	14.26"	707	18 x 4.00 *		
	6.00-16-4 Ply, Reg.	915#-28#	990#	32#	13.52"	746	16 x 4.00E		
	6.00-16-6 Ply, RPO	955#-30#	1130#	40#	13.53"	745	16 x 4.00E		
	5.50-18-4 Ply, RPO	970#-28#	1050#	32#	14.26"	707	18 x 4.00 *		
3/4 TON	15"-6 Ply, RPO	1200#-20#	1200# to 1500#	20# min. to 35#	13.95"	724	15 x 5.50F	0	
	15"-6 Ply, Reg.	1200#-20#	1200# to 1500#	20# min. to 35#	13.95"	724	15 x 5.50F		
3/4 TON SPEC.	7.00-17-6 Ply, Reg.	1000#-35#	1550#	45#	15.41"	654	17 x 6 (4.33R)	9/16"	
	7.50-17-8 Ply, RPO	1000#-35#	1950#	55#	15.80"	638	17 x 6 (4.33R)		
HEAVY DUTY (See page 61 for Reg. and RPO tires)•	6.00-20-6 Ply	1000#-40#	1400#	45#	15.68"	643	20 x 5 (3.75P)	4-1/8"	
	30 x 5-6 Ply	1200#-55#	1600#	70#	15.68"	643	20 x 5 (3.75P)		
	6.50-20-6 Ply	1100#-40#	1700#	50#	16.14"	625	20 x 6 (3.75P)		
	32 x 6-8 Ply	1300#-60#	1950#	75#	16.14"	625	20 x 5 (3.75P)	4-1/2"	
	7.00-20-8 Ply	1200#-45#	1950#	55#	16.82"	600	20 x 6 (4.33R)		
	32 x 6-10 Ply	1300#-45#	2200#	80#	16.82"	600	20 x 6 (4.33R)		
	7.50-20-8 Ply	1400#-45#	2200#	55#	17.33"	581	20 x 7 (5.00S)		4-3/4" ϕ
	34 x 7-10 Ply	Not used	2800#	85#	17.85"	565	20 x 7 (5.00S)		5-1/4"
8.25-20-10 Ply	Not used	2650#	60#	18.20"	554		7/16"		

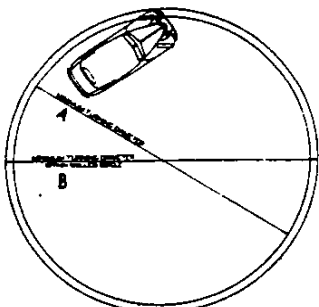
NOTE - Use of optional tires may necessitate changes in equipment such as wheels, speedometer gears, wheel carrier, springs, rear axle (for ratios), engine fan and radiator core according to the various Regular Production Options.

Tire make - United States or Goodrich.

12-15-38. 4-21-39, 8.25-20-10 ply tire added, * was 18 x 3.62F, @ added, ϕ was 4-1/2", • note added

WHEELS AND TIRES

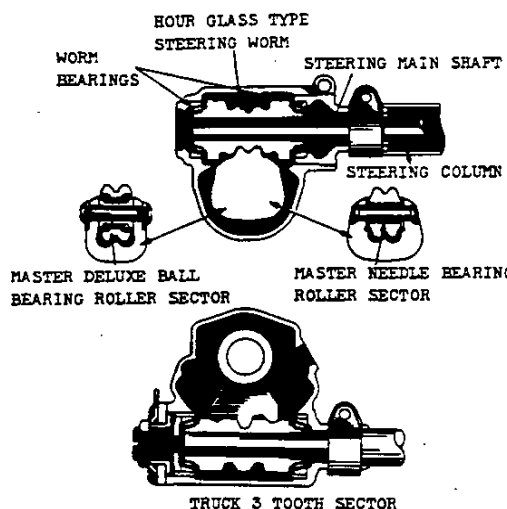
TURNING DIAMETERS



		MODEL	"A"		"B"	
			RIGHT	LEFT	RIGHT	LEFT
Pass. cars	Master Deluxe	38.7'	39.5'	41'	41.8'	
	Master 85	38.8'	39'	41.1'	41.3'	
Trucks	Light Delivery	39.6'	40.1'	41.8'	42.3'	
	3/4 Ton		44.9'			
	3/4 Ton Special	42.8'	44.9'			
	H.D. 133" W.B.	49'	53.3'	51.5'	55.7'	
	Conv. 158-1/2" W.B.		61.4'			
	H.D. 107-5/8" W.B.	43.5'	42.3'	46.2'	45.3'	
	COE 131-1/8" W.B.	47.4'	46.9'			
		156-5/8" W.B.	57.7'	53.8'		

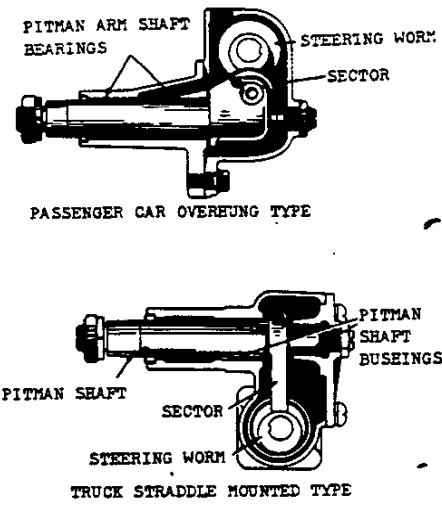
STEERING GEARS

SECTOR TYPES



WORM BEARINGS, HOUR GLASS TYPE STEERING WORM, STEERING MAIN SHAFT, STEERING COLUMN, MASTER DELUXE BALL BEARING ROLLER SECTOR, MASTER NEEDLE BEARING ROLLER SECTOR, TRUCK 3 TOOTH SECTOR

SECTOR MOUNTING



PITMAN ARM SHAFT BEARINGS, STEERING WORM, SECTOR, PASSENGER CAR OVERHUNG TYPE, PITMAN SHAFT BUSHINGS, PITMAN SHAFT, SECTOR, STEERING WORM, TRUCK STRADDLE MOUNTED TYPE

ITEM	PASSENGER CARS		TRUCKS	
	MASTER DELUXE	MASTER 85	LT.DEL., 3/4 TON, 3/4 TON SPECIAL & H.D. CONV.	HEAVY DUTY COE
Steering gear type	Semi-reversible			
Steering gear ratio	17-1/2:1	19:1	16:1	17:1
Bearings & sector brg.	Steering worm bearing		Special tapered roller #261866	
	Roller Type	Ball	Needle	None
Bushings	Pitman shaft bushings	Size or No.	#262605	.007" x .947"
		Material	Bimetal	
Steering wheel	Diameter	Size	1.125"-1.256" I.D. x 1-1/2"	(Outer) 1.1245"-1.125" I.D. x 1-3/8" (Inner) .813"-.8135" I.D. x 7/8"
		Material	Cast bronze	
Main shaft diameter	Type	Three spoke, thin grip		Four spoke
		Material	Hard rubber and steel	
Column diameter	17-5/16"		17"	18"
Pitman shaft diameter	3/4"		1"	
	1-1/2"		1-3/4"	
	1-1/8"		1-1/4"	

I2-15-38

CHEVROLET 1939 SPECIFICATIONS

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		BATTERY AND LIGHTS						
ITEM		PASSENGER CARS		TRUCKS				
		MAS. DELUXE & MAS. 85	LT. DEL.	3/4 TON	3/4 T.S.	H.D. CONV.	H.D. COE	
Battery	Make and model	Delco, 17M-W		Delco, 15X-W				
	Size, l. x w. x h.	10-9/16"x7"x7-7/16"		8-15/16"x7"x8-9/16"				
	Volts and capacity	6, 100 amp. hrs.		6, 95 amp. hrs. *				
	Charging rate	7 amps.						
	Cell arrangement	Three, side to side						
	No. of plates per cell	17		15				
	Terminal grounded	Negative						
	Battery mounted on	Frame right side						
Head-lamps	Type	Two beam						
	Diameter	8-7/16"		8-3/16"		9-1/8"		
	Length	15-7/16"		9-7/8"		9"		
	Lens	7"						
	Bulb	Type	Two filament					
		Size	#2320L				#1116L	
		Candle power	32 upper beam-21 lower beam					
	Reflector type	Tiltray						
	Dimmed by	Depressed beam operated by foot switch						
	Beam indicator	Size & C.P.	#51, 1		None			
		No. used	One					
Parking light bulb	Location	In each headlamp						
	Size and candle power	#55, 1-1/2				#63, 3		
Tail and stop lamp	Number used	Two on all body types except Stw, Mas. 85 Sed, Coa, & Sdl., which have one		One				
	Type	Combined in one assembly						
	Bulb size and candle power	Tail lamp	Trunk & Cpe. models #1154, 3; all others #63, 3		#63, 3			
		Stop lamp	Trunk & Cpe. models #1154, 21; all others #63, 3		#87, 15			
	Stop lamp operation	Hydraulic switch on brake main cylinder						
License lamp bulb size and C.P.	#63, 3							
Instrument cluster	Number of lights	Two						
	Size and candle power	#55, 1-1/2		#51, 1				
Ignition lock light	Bulb size	#51		None				
	Candle power	1						
Dome lamp	Used in	All except Stw.		All closed bodies except cab				
	Bulb size	#81		#87-Carryall Suburban; #81-Panels				
	Candle power	6		15-Carryall Suburban; 6-Panels				
	Switch location	At right hand door pillar on all Mas. Deluxe except Cpes. On lamp on all Mas. 85 and Coupes		To rear of left hand door pillar				
Fuse	Type and amps.	SFE-30						
	Location	On light switch						
Light switch make	Delco-Remy							
Horn	Make and type	Delco-Remy, vibrator						
	Tone adjustment	Screw type						
	Location	Left side of engine on intake manifold @						

12-15-38. 4-21-39, *- was 94. @ - Revised.

BATTERY AND LIGHTS

CHEVROLET 1939 SPECIFICATIONS

TIRE COMBINATIONS—HEAVY DUTY TRUCKS								
REAR		FRONT						
		6.00-20-6 Regular	6.50-20-6 R.P.O.	7.00-20-8 R.P.O.	7.50-20-8 R.P.O.	30 x 5-6 R.P.O.	32 x 6-8 R.P.O.	32 x 6-10 R.P.O.
S I N G L E	32 x 6-8 ply Regular	Regular				R.P.O.	R.P.O.	
	6.00-20-6 ply R.P.O.	Regular						
	32 x 6-10 ply R.P.O.	Regular	R.P.O.	R.P.O.		R.P.O.	R.P.O.	R.P.O.
	6.50-20-6 ply R.P.O.	Regular	R.P.O.					
	7.00-20-8 ply R.P.O.	Regular	R.P.O.	R.P.O.				
	7.50-20-8 ply R.P.O.	Regular	R.P.O.	R.P.O.	R.P.O.			
D U A L	6.00-20-6 ply Regular	Regular						
	6.50-20-6 ply R.P.O.	Regular	R.P.O.					
	7.00-20-8 ply R.P.O.	Regular	R.P.O.	R.P.O.				
	7.50-20-8 ply R.P.O.	Regular	R.P.C.	R.P.O.	R.P.O.			
	30 x 5-6 ply R.P.O.					R.P.O.		
	32 x 6-8 ply R.P.O.	Regular	R.P.O.			R.P.O.	R.P.O.	
	32 x 6-10 ply R.P.O.	Regular	R.P.C.	R.P.O.		R.P.O.	R.P.O.	R.P.O.

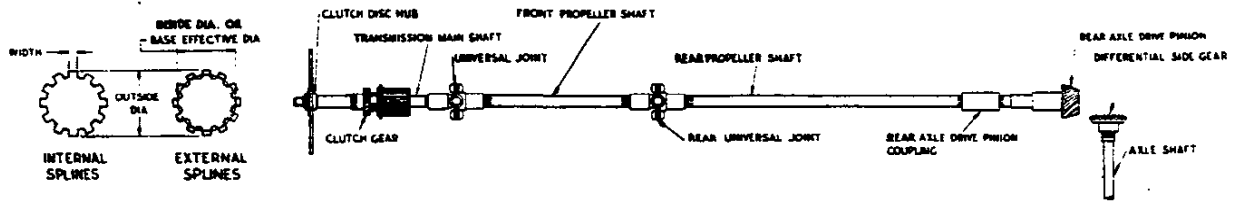
TIRE COMBINATIONS—R.P.O. TWO-SPEED REAR AXLE					
DUAL REAR	FRONT				
	6.50-20-6 R.P.O.	7.00-20-8 R.P.O.	7.50-20-8 R.P.O.	32 x 6-8 R.P.O.	32 x 6-10 R.P.O.
7.00-20-8 ply R.P.O.	R.P.C.	R.P.O.			
7.50-20-8 ply R.P.O.	* R.P.O.	R.P.C.	R.P.O.		
32 x 6-8 ply R.P.O.	R.P.O.			R.P.O.	
32 x 6-10 ply R.P.O.	* R.P.O.	R.P.O.		R.P.O.	R.P.O.
34 x 7-10 ply R.P.O.		R.P.O.	R.P.O.	R.P.O.	R.P.O.
8.25-20-10 ply R.P.O.		R.P.O.	R.P.O.		

USE OF CHART

In the above charts, the front tire sizes available for use with a particular rear tire size are listed across the page in line with each rear tire. Minimum tire equipment, front and rear, for various gross allowable weights is given on page 17.

12-15-38. 4-21-39, 8.25-10-10 ply tire added, * added.

SPLINES



NOTE: All couplings listed on this sheet have 10 splines.

UNIT		INTERNAL	EXTERNAL	INTERNAL	EXTERNAL
Clutch disc hub and transmission clutch gear shaft	USED IN	DMAS, MAS, LT.DEL., 3/4 T & 3/4 TS		HEAVY DUTY	
	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
Transmission mainshaft and front U joint front yoke	USED IN	DMAS, MAS, LT.DEL., 3/4 T & 3/4 TS		HEAVY DUTY EXCEPT 107-5/8" W.B. COE	
	Width	.152 - .154	.151 - .152	.214 - .215	.2120 - .2135
	Inside dia.	.849 - .857	.844 max.	1.164 - 1.186	1.177 max.
	Outside dia.	.985 - .993	.960 - .970	1.380 - 1.388	1.355 - 1.365
Transmission mainshaft and front U joint front yoke	USED IN	107-5/8" W.B. HEAVY DUTY COE			
	Width	.2120 - .2135	.2120 - .2135		
	Inside dia.	1.182 - 1.167	1.177 max.		
	Outside dia.	1.374 - 1.377	1.355 - 1.365		
Front propeller shaft front end and front U joint rear yoke	USED IN	DMAS, MAS, & LT. DEL.		3/4 T, 3/4 TS & HEAVY DUTY	
	Width	.160 - .162	.156 - .159	.1990 - .2015	.196 - .198
	Inside dia.	.907 - .915	.847 - .863	1.1145 - 1.1195	1.0515 - 1.0605
	Outside dia.	1.057 - 1.065	1.030 - 1.032	1.306 - 1.321	1.283 - 1.284
Front propeller shaft front end and front U joint rear yoke	USED IN	107-5/8" W.B. HEAVY DUTY COE			
	Width	.1455 - .1470	.1430 - .1445		
	Inside dia.	1.295 - 1.300	1.281 - 1.288		
	Outside dia.	1.499 - 1.500	1.497 - 1.498		
Front propeller shaft rear end and rear U joint front yoke	USED IN	3/4 T, 3/4 TS, & ALL HEAVY DUTY			
	Width	.214 - .215	.2120 - .2135		
	Inside dia.	1.184 - 1.186	1.177 max.		
	Outside dia.	1.380 - 1.388	1.355 - 1.365		
Rear propeller shaft front end and rear U joint rear yoke	USED IN	3/4 T & 3/4 TS		HEAVY DUTY EXCEPT 107-5/8" W.B.	
	Width	.160 - .162	.156 - .159	.1990 - .2015	.196 - .198
	Inside dia.	.907 - .915	.847 - .863	1.1145 - 1.1195	1.0515 - 1.0605
	Outside dia.	1.057 - 1.065	1.030 - 1.032	1.306 - 1.321	1.283 - 1.284
Prop. shaft rear end coupling and rear axle drive pinion shaft	USED IN	DMAS, MAS, LT.DEL., 3/4 T & 3/4 TS		HEAVY DUTY EXCEPT 107-5/8" W.B.	
	Width	.1605 - .1615	.1585 - .1605	.1995 - .2005	.201 - .2035
	Inside dia.	.907 - .915	.847 - .863	1.1115 - 1.1195	1.0535 - 1.0625
	Outside dia.	1.057 - 1.065	1.027 - 1.035	1.306 - 1.321	1.280 - 1.282 *
Prop. shaft rear end coupling and rear axle drive pinion shaft	USED IN	107-5/8" W.B. HEAVY DUTY COE		107-5/8" W.B. H.D. COE-2 SPD. AXLE	
	Width	.271 - .272	.269 - .271	.232 - .234	.231 - .233
	Inside dia.	1.524 - 1.532	1.467 - 1.477	1.289 - 1.294	1.238 - 1.243
	Outside dia.	1.7705 - 1.7755	1.744 - 1.745	1.499 - 1.502	1.472 - 1.477
Diff. side gear and axle shaft	USED IN	DMAS & MAS		HEAVY DUTY - 2 SPEED AXLE	
	Width	.180 - .183	.170 - .180	.173 - .175	.170 - .172
	Inside dia.	1.039 - 1.044	1.004 - 1.014	1.612 - 1.617	1.562 - 1.572
	Outside dia.	1.186 - 1.193	1.1525 - 1.1575	1.774 - 1.784	1.724 - 1.729
Diff. side gear and axle shaft	USED IN	LT.DEL., 3/4 T & 3/4 TS		HEAVY DUTY	
	Width	.189 - .192	.187 - .189	.259 - .262	.257 - .259
	Inside dia.	1.095 - 1.100	1.060 - 1.070	1.472 - 1.477	1.440 - 1.450
	Outside dia.	1.2555 - 1.2625	1.222 - 1.227	1.6735 - 1.6785	1.6345 - 1.6445

* - Propeller shaft spline dimensions are the same except O.D. which is 1.278 - 1.284.

12-15-38

SPLINES

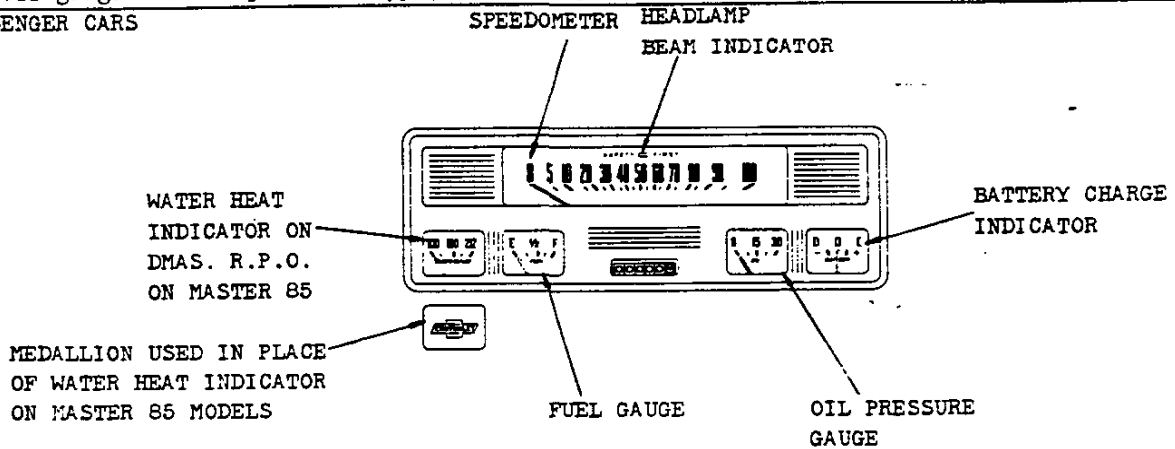
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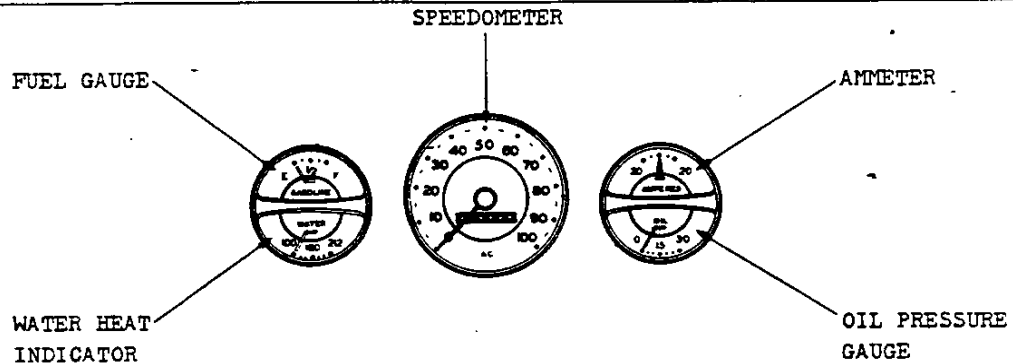
INSTRUMENTS

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

PASSENGER CARS



TRUCKS



TOOLS

ITEM		PASSENGER CARS		TRUCKS		
		MASTER DELUXE & MAS. 85	LT. DEL.	3/4 TON	3/4 TON SPEC.	HEAVY DUTY
Jack	Type or capacity	Bumper-1500#	2500#		3000#	5500# *
	Raised height	Adjustable	14-1/16"	15-1/8"	16"	15-1/2"
	Lowered height	Adjustable	8-1/16"	6-1/2"	7"	9-1/2"
Tire iron		None			Yes	
Starting crank and jack handle		Yes				
3-1/2" rd. shank screw driver						
Wrenches	9" adjustable					
	Open end Spark plug Wheel					
6" combination pliers						
10 oz. ball peen hammer						

12-15-38. 2-8-39 - Instrument types revised, * was 3500# 4-21-39, Passenger car dials revised.

INSTRUMENTS AND TOOLS

CHEVROLET 1939 SPECIFICATIONS

BEARINGS													
ITEM	PART #	TYPE	INSIDE DIA.	OUTSIDE DIA.	WIDTH	A	B	C	D	E	F	G	
FRONT WHEEL	Inner	N.D. 909002	Cup-Cone	1.1899-1.1904	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	2.0794-2.0805	.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 - .878	1-5/8	9/16	2							
	Chev. 352569	Ball	▲.735 - .745	1-9/16	9/16		2	2	2				
	Chev. 365309	Ball	□.9225 - .9325	1-23/32	5/8						2		
	Chev. 121461	Roller	1.135	2.1875	5/8							2	
STEERING GEAR	Worm	Chev. 261886	Taper R.		1.750 - 1.7505	.373 - .377	2	2	2	2	2	2	
		Chev. 262605	Ball	.4370 - .4375		1.030 - 1.034	1						
	Roller	Chev. 264340	Roller	21 rollers	.077	.940 - .955		1					
GENERATOR	N.D. 903203	Ball	.6689 - .6693	1.5743-1.5748	.4724	1	1	1	1	1	1	1	
WATER PUMP	N.D. 954214	SPECIAL DOUBLE ROW BALL BEARING					1	1	1	1	1	1	
CLUTCH	Release	N.D. 909422	SPECIAL SINGLE ROW BALL BEARING AND SLEEVE				1	1	1	1	1	1	
	Pilot	Hy. 142655	SPECIAL HYATT ROLLER BEARING				1	1	1	1	1	1	
TRANSMISSION	Clutch Gear	N.D. 954141	Ball	1.3775-1.3780	2.8340-2.8346	.6643 - .6693	1	1	1	1			
		N.D. 903209	Ball	1.7712-1.7717	3.3457-3.3465	.7430 - .7480					1	1	
	Main Shaft, Ft.	Hy. 590752	Roller	14 rollers	.1873 - .1875	.512 - .527	1	1	1	1			
	Main Shaft, Rr.	N.D. 954168	Ball	.9839 - .9843	2.4403-2.4409	.6643 - .6693	1	1	1	1			
	Counter Shaft, Ft.	N.D. 903307	Ball	1.3775-1.3780	3.1490-3.1496	.8218 - .8268					1	1	
	Counter Shaft, Ft.	Hy. 142260	Roller	1.4989-1.4994	2.4409-2.4415	.6249 - .6299						1	
	Counter Shaft, Rr.	Hy. 121856	Roller	1.7318-1.7323	2.8346-2.8352	.6643 - .6693						1	
	PROPELLER SHAFT	N.D. 903207	Ball	1.3775-1.3780	2.8340-2.8346	.6643 - .6693					1	1	
UNIVERSAL JOINT	GMT 080383	Roller	.6812 - .6830	1.1880-1.1883	.922 - .942								
REAR AXLE	Pinion Front	N.D. 905306	D.R. Ball	1.1807-1.1811	2.8340-2.8346	1.1825-1.1875	1	1					
		N.D. 905206	D.R. Ball	1.1807-1.1811	2.4403-2.4409	.9345 - .9375			1	1			
		N.D. 905309	D.R. Ball	1.7712-1.7717	3.9362-3.9370	1.5595-1.5625					1	1	
		* Ch. 3651519	Roller	1.6250-1.6255	3.375 - 3.376	1.1875						1	
		* Ch. 3651518	Roller	1.5000-1.5005	3.375 - 3.376	1.1875							1
	Pinion Rear	Hy. 125630	Roller	1.8287-1.8291	3.1246-3.1250	.743 - .748	1	1	1	1			
		* N.D. 901305	Ball	.9839 - .9843	2.4403-2.4409	.6643 - .6693					1	1	
	2 Speed Pinion	* Ch. 3651551	Roller	2.0000-2.0005	4.125 - 4.126	1.1875					1	1	
		* Ch. 3651553	Roller	2.0005 max.	4.125 - 4.126	1.4375					1	1	
		* Ch. 3651554	Roller	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	.659 - .679	2	2					
		N.D. 902100	Ball	1.6924-1.6929	3.1490-3.1496	.7057 - .7117			2	2			
		N.D. 954186	Ball	2.4403-2.4409	3.9362-3.9370	.8218 - .8268					2	2	
* Ch. 3651552		Roller	2.6250-2.6255	4.4375-4.4385	1.1875					2	2		
Axle Shaft	Hy. 111103	Roller	1.2949-1.2957	2.4056-2.4062	1.209 - 1.219	2	2						
	Hy. 111104	Roller	1.5302-1.5308	2.7812-2.7818	1.334 - 1.344			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)							22	22	21	22	26	26	

A = MASTER DELUXE B = MASTER 85 C = LIGHT DELIVERY D = 3/4 TON & 3/4 TON SPECIAL E = HEAVY DUTY CONVENTIONAL F = 131-1/8" and 156-5/8" W.B. COE G = 107-5/8" W.B. COE R = ROLLER DR = DOUBLE ROW * - For RPO 2 SPEED AXLE ● - Hyatt Roller Bearing #145443 with Heavy Duty R.P.O. 6.166 axle.

12-15-38. 2-8-39 - (●) symbol added to rear pinion bearing N.D. 901305, ▲ was 17241, ■ was 17238, ● .878 was .893, ▲ .745 was .760, □ .9325 was .9475.

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ABBREVIATIONS

Act. Acting	Dbl. Double	M. Mean	Rr. Rear
Amp. Ampere	Deflect. Deflection	Max. Maximum	Sect. Section
Av. Average	Diff. Differential	Min. Minute or Minimum	Ser. Service
B.H.P. Brake Horsepower	Disp. Displacement	Mm. Millimeter	Ship. Shipping
B.M.E.P. Brake Mean Effective Pressure	D.M. Deluxe Master	Mn. Manganese	Si. Silicon
Brg. Bearing	D.W. Dual Wheels	MPH. Miles Per Hour	Spec. Special
B.T.C. Before Top Center	Eff. Effective	N.D. New Departure	Spd. Speed
Bush. Bushing	F. Fahrenheit	O.D. .. Outside Diameter	Sq.In. ... Square Inches
Cap. Capacity	Ft.Lb. Foot Pound	Oz. Ounces	Stl. Steel
Car. Carbon	H.D. Heavy Duty	P. Pitch	S.W. Single Wheel
C.I. Cast Iron	Hg. Mercury	P.D. Pitch Diameter	Thd. Threaded
Coa. Coach	H.P. Horsepower	Pres. Pressure	Thds. Threads
COE Cab-over-engine	Hrs. Hours	R.A. Rear Axle	Theo. Theoretical
Conv. Conventional	Hy. Hyatt	Rd. Round	Thick. Thickness
C.P. Candlepower	I.D. ... Inside Diameter	R.H. Right Hand	Trd. Tread
Cu.In. Cubic inch	Lb. Pounds	R.P.M. Revolutions per minute	U.C. Upper Center
Cyl. Cylinder	L.C. Lower Center	R.P.O. Regular Production Option	W.B. Wheelbase
D. Diameter	L.H. Left Hand		3/4 T. 3/4 Ton
12-15-38	Lt.Del. Light Delivery		3/4 T.S. 3/4 Ton Special