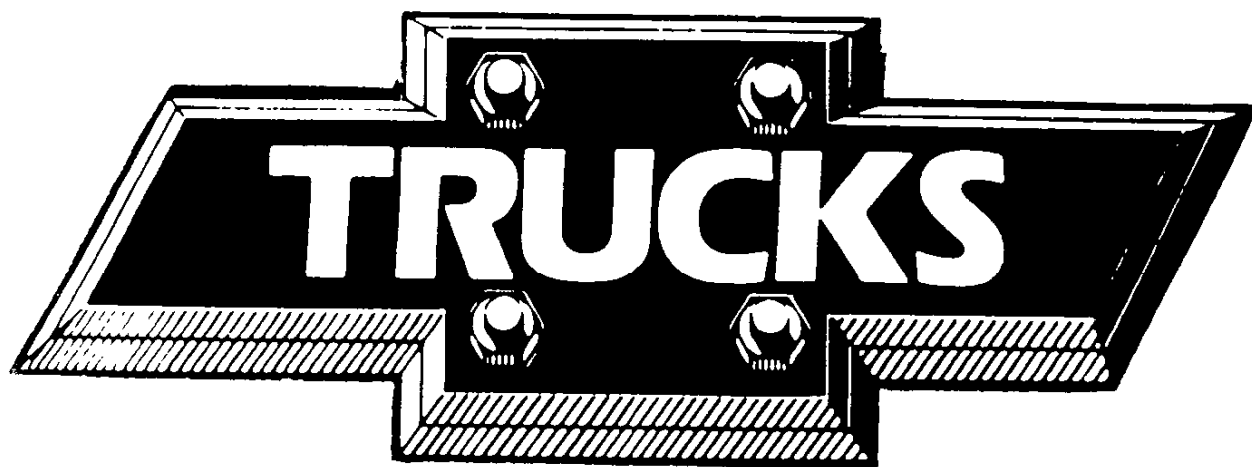




CHEVROLET



1940



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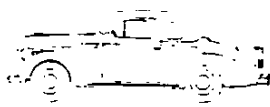
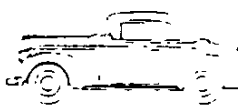
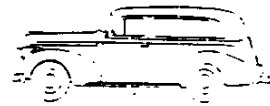

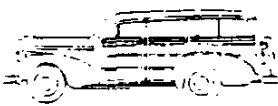

1940-TRUCK -- ORIGINAL

BASIC MODELS					
VEHICLE TYPE	MODEL NAME	NOMINAL RATING	WHEELBASE	SERIES LETTERS	SERIES NUMBERS
Passenger car and commercial cars on passenger car chassis.	Special Deluxe	None	113"	ZA	2000
	Master Deluxe			KH	1500
	Master 85			KB	1000
Light commercial trucks	Light Delivery	1/2 Ton	113-1/2"	KC	3000
	3/4 Ton	3/4 Ton	123-3/4"	KD	
	3/4 TSS (RPO)			KE	
	3/4 TSL Panel •			KF	
Conventional heavy duty trucks	Conventional	1 Ton (RPO)	133"	WA	4000
	Heavy Duty	1-1/2 Tons			
School bus chassis	Short School Bus (RPO)	None	158-1/2"	WB	
	Long School Bus		193-5/8"	WC	
Cab-over-engine trucks	Cab-Over-Engine (COE)	1-1/2 Tons	107-5/8"	WD	5000
			131-1/8"	WE	
			156-5/8"	WF	


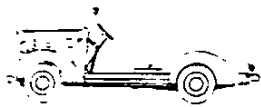
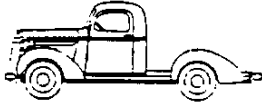




VEHICLE TYPES--PASSENGER CARS--113' WHEELBASE			
DESCRIPTION	VEHICLE TYPES (with engineering symbols)		
	SPECIAL DELUXE	MASTER DELUXE	MASTER 85
CHASSIS WITH COWL AND WINDSHIELD For mounting bodies other than Chevrolet. Mfg. symbol - PCH	 2101	 1501	 1101
SPORT SEDAN 5 passenger, 4 door sedan with trunk. Mfg. symbol - CSED	 2103	 1503	 1103
TOWN SEDAN 5 passenger, 2 door sedan with trunk. Mfg. symbol - TSED	 2102	 1502	 1102
COUPE 4 (4 PASSENGER COUPE or SPORT COUPE) 4 passenger, 5 window coupe with rear seat in passenger compartment and luggage compartment in rear deck. Mfg. symbol - CPE4	 2124	 1524	Not furnished
COUPE 2 (BUSINESS COUPE) 2 passenger, 5 window coupe with luggage compartments in the passenger compartment and in the rear deck. Mfg. symbol - CPE2	 2104	 1504	 1104
CABRIOLET (CONVERTIBLE COUPE) 4 passenger, folding top coupe with rear seat in passenger compartment and luggage compartment in rear deck. Mfg. symbol - CBL	 2134	Not furnished	Not furnished

11-10-39. 12-27-39; • - 3/4 TSL added.

VEHICLE TYPES—COMMERCIAL CARS (ON PASSENGER CAR CHASSIS) —113' WHEELBASE

DESCRIPTION	VEHICLE TYPES (with engineering symbols)		
	SPECIAL DELUXE	MASTER DELUXE	MASTER 85
<p>COUPE 2 WITH PICKUP BOX (COUPE PICKUP) 2 passenger, 5 window coupe with luggage space behind seat in car and pickup box in rear deck. Mfg. symbol - CPEB</p>	<p>Not furnished</p>	 1514	 1114
<p>SEDAN DELIVERY 2 passenger, 3 door panel delivery. Mfg. symbol - SDL</p>	<p>Not furnished</p>	 1508	 1108
<p>STATION WAGON 8 passenger, 4 door wood body with rear drop and lift gates. Mfg. symbol - STWG</p>	 2109	<p>Not furnished</p>	 1109

VEHICLE TYPES—LIGHT COMMERCIAL ½-TON TRUCKS—113½' WHEELBASE

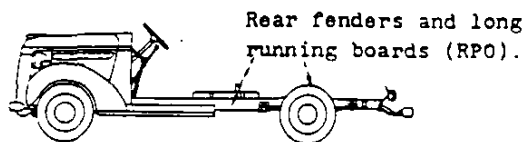
<p>CHASSIS WITH FLAT FACE COWL</p>  <p>For mounting bodies other than Chevrolet. Mfg. symbols - 3102, CCH</p>	<p>STRIPPED CHASSIS WITH FLAT FACE COWL</p> <p>Less sheet metal, running boards, fenders, bumpers, and spare tire.</p> <p>For mounting bodies other than Chevrolet. Mfg. symbols - 3122, CCHS</p>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

11-10-39

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

NOTE: A combination of RPO equipment consisting of heavier rear springs and tires, larger rear brake and stronger wheels is available for the vehicle types listed below. When this equipment is used the model name becomes 3/4 Ton Special.

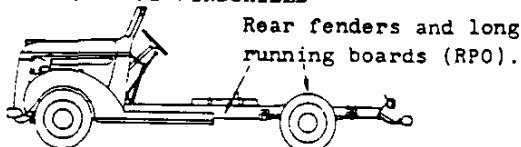
CHASSIS WITH FLAT FACE COWL



For mounting bodies other than Chevrolet.

Mfg. symbols - 3602, CLCH

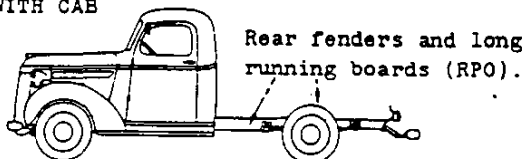
CHASSIS WITH COWL AND WINDSHIELD



For mounting bodies other than Chevrolet.

Mfg. symbols - 3612, CLCHW

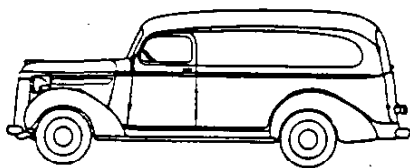
CHASSIS WITH CAB



For mounting bodies other than Chevrolet

Mfg. symbols - 3603, CLCAB

PANEL TRUCK



Panel body with 2 rear doors.

Mfg. symbols - 3605, CLPAN

STRIPPED CHASSIS WITH FLAT FACE COWL

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

For mounting bodies other than Chevrolet.

Mfg. symbols - 3622, CLCHS

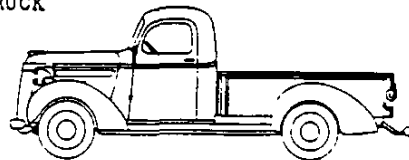
STRIPPED CHASSIS WITH COWL AND WINDSHIELD

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

For mounting bodies other than Chevrolet.

Mfg. symbols - 3632, CLCWS

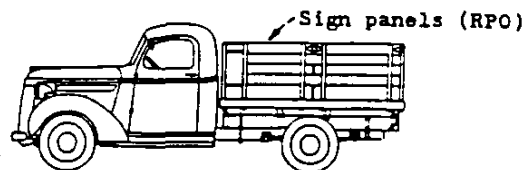
PICKUP TRUCK



Chassis, cab, and pickup box.

Mfg. symbols - 3604, CLBX

STAKE TRUCK



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

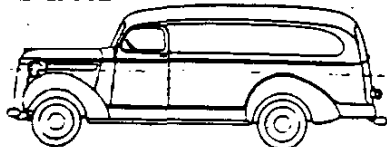
Mfg. symbols

3609, CLSTK (with platform and stakes)

3608, CLPL (with platform)

VEHICLE TYPES—LIGHT COMMERCIAL 3/4-TON SPECIAL PANEL—133' WHEELBASE

PANEL TRUCK



Panel body with 2 rear doors.

Mfg. symbols - 3805, CTPAN

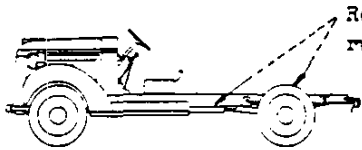
11-10-39. 12-27-39; 3/4 TSL panel truck added.

This model is a combination of the 1-1/2 Ton panel truck and the 3/4 Ton Special 123-3/4" W.B. chassis. The 1-1/2 Ton units are the frame, radiator, steering gear, engine side pans, battery cables, gasoline tank, muffler tail pipe, fenders, running boards, and panel body. The other chassis units are the same as for the 3/4 TSS except where length is added to take care of the increased wheelbase. Available RPO are the same as for the 3/4 TSS except 7.00-17, 8 ply tires and the 1-1/2 Ton panel auxiliary seat.

VEHICLE TYPES—CONVENTIONAL HEAVY DUTY 1½-TON TRUCKS 133' WHEELBASE

SINGLE REAR WHEELS ARE BASE EQUIPMENT FOR THE FOLLOWING TRUCKS. DUAL REAR WHEELS ARE RPO EQUIP
NOTE: RPO equipment consisting of lighter rear springs and 6.00-20.6 ply tires is available
the vehicle types listed below. When this equipment is used, the rated capacity becomes One

CHASSIS WITH FLAT FACE COWL *



Rear fenders and long running boards (RPO).

For mounting bodies other than Chevrolet.

Mfg. symbols - 4102, UCH

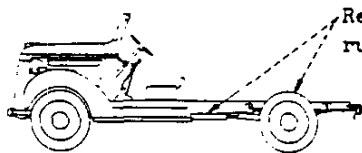
STRIPPED CHASSIS WITH FLAT FACE COWL

Less sheet metal, running boards, fenders, and front bumper.

For mounting bodies other than Chevrolet.

Mfg. symbols - 4122, UCHS

CHASSIS WITH COWL AND WINDSHIELD *



Rear fenders and long running boards (RPO).

For mounting bodies other than Chevrolet.

Mfg. symbols - 4112, UCHW

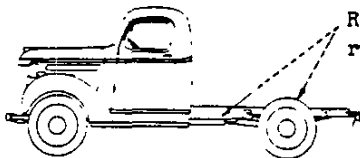
STRIPPED CHASSIS WITH COWL AND WINDSHIELD

Less sheet metal, running boards, fenders, and front bumper.

For mounting bodies other than Chevrolet.

Mfg. symbols - 4132, UCHWS

CHASSIS WITH CAB

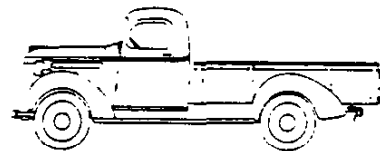


Rear fenders and long running boards (RPO).

For mounting bodies other than Chevrolet.

Mfg. symbols - 4103, UCAB

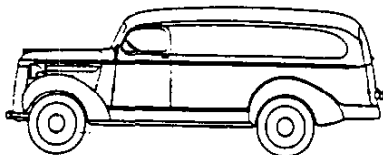
OPEN EXPRESS (PICKUP) TRUCK



Chassis, cab, and pickup box.

Mfg. symbols - 4104, UEXP

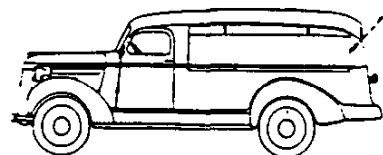
PANEL TRUCK



Panel body with 2 rear doors.

Mfg. symbols - 4105, UPAN

CANOPY EXPRESS TRUCK

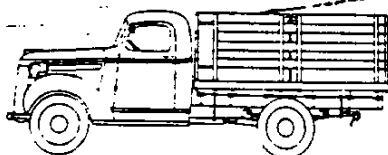


Side screens a RPO equipment.

Open side body with steel canopy roof & tail gate

Mfg. symbols - 4107, UCAN

STAKE TRUCK



Sign panels and steel floor (RPO)

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

Mfg. symbols:

4109, USTK (with platform and stakes)

4108, UCPL (with platform)

11-10-39. 12-27-39; * - Illustrations revised.

VEHICLE TYPES—CONVENTIONAL HEAVY DUTY 1½-TON TRUCKS 158½' WHEELBASE

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

CHASSIS WITH FLAT FACE COWL



Long running boards and rear fenders for dual wheels (RPO)

For mounting bodies other than Chevrolet.

Mfg. symbols - 4402, ULCH

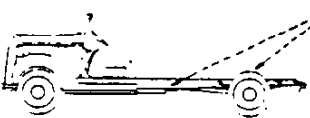
STRIPPED CHASSIS WITH FLAT FACE COWL

Less sheet metal, running boards, fenders, and front bumper.

For mounting bodies other than Chevrolet.

Mfg. symbols - 4422, ULCHS

CHASSIS WITH COWL & WINDSHIELD



Long running boards and rear fenders for dual wheels (RPO)

For mounting bodies other than Chevrolet.

Mfg. symbols - 4412, ULCHW

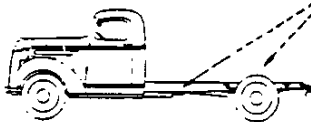
STRIPPED CHASSIS WITH COWL & WINDSHIELD

Less sheet metal, running boards, fenders, and front bumper.

For mounting bodies other than Chevrolet.

Mfg. symbols - 4432, ULCHS

CHASSIS WITH CAB



Long running boards and rear fenders for dual wheels (RPO)

For mounting bodies other than Chevrolet

Mfg. symbols - 4403, UL CAB

STAKE TRUCK

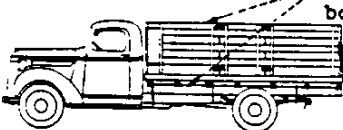


Sign panels, body side skirts and steel floor (RPO)

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

Mfg. symbols: 4409, ULSTK (with platform and stakes); 4408, ULCP (with platform)

STAKE EXPRESS TRUCK

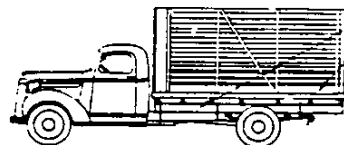


Sign panels and body side skirts (RPO)

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

Mfg. symbols: 4429, ULXST (with platform, stakes and tail gate); 4418, ULXP (with platform).

STOCK (HIGH) RACK TRUCK



Side skirts and steel floor (RPO)

Chassis, cab, platform and high stakes.

Mfg. symbols - 4419, ULSTO

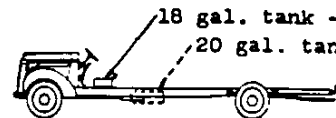
SCHOOL BUS CHASSIS

158-1/2" W.B. (SHORT) SCHOOL BUS CHASSIS - RPO



This is the regular conventional heavy duty chassis less running boards and step hangers, but including the following equipment: 50" frame extension, progressive type rear springs, 19 plate battery, side mounted fuel tank, 6.17:1 rear axle. Minimum size tires, front and dual rear, are 6.50-20, 6 ply.

193-5/8" W.B. (LONG) SCHOOL BUS CHASSIS



18 gal. tank - Regular
20 gal. tank (RPO)*

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

Mfg. symbols - 4702, SBCH

11-10-39. 4-1-40; * - added

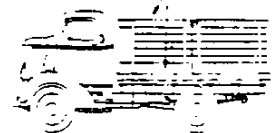
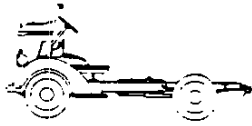
VEHICLE TYPES—CAB-OVER-ENGINE 1½-TON TRUCKS—107¾" WHEELBASE

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

CHASSIS WITH COWL AND WINDSHIELD

CHASSIS WITH CAB

STAKE TRUCK Sign panels and steel floor (RPO)



For mounting bodies other than Chevrolet.

For mounting bodies other than Chevrolet.

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

Mfg. symbols - 5112, FCHW

Mfg. symbols - 5103, FCAB

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

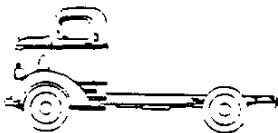
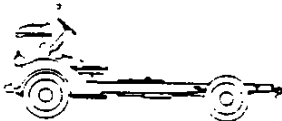
VEHICLE TYPES—CAB-OVER-ENGINE 1½-TON TRUCKS—131¾" WHEELBASE

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

CHASSIS WITH COWL AND WINDSHIELD

CHASSIS WITH CAB

STAKE TRUCK Sign panels and steel floor (RPO)



For mounting bodies other than Chevrolet.

For mounting bodies other than Chevrolet.

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

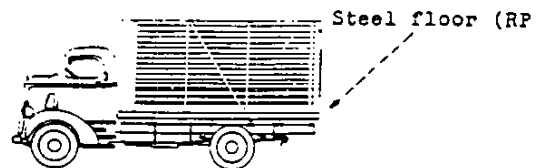
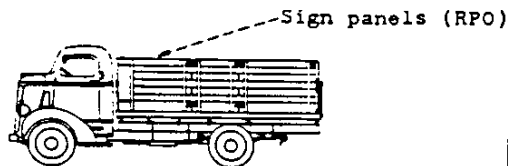
Mfg. symbols - 5412, FLCHEW

Mfg. symbols - 5403, FLCAB

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

STAKE EXPRESS TRUCK

STOCK (HIGH) RACK TRUCK



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

Chassis, cab, platform and high stakes.

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

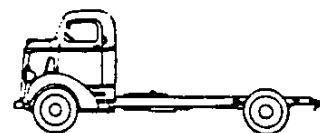
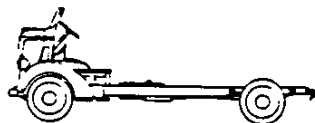
Mfg. symbols - 5419, FLSTO

VEHICLE TYPES—CAB-OVER-ENGINE 1½-TON TRUCKS—156¾" WHEELBASE

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

CHASSIS WITH COWL AND WINDSHIELD

CHASSIS WITH CAB



For mounting bodies other than Chevrolet.

For mounting bodies other than Chevrolet.

Mfg. symbols - 5712, FVCHW

Mfg. symbols - 5703, FVCAB

11-10-39

UNIT SERIAL NUMBERS

UNITS	NUMBER	PASS. & COMM. CARS		LIGHT COMMERCIAL TRUCKS			CONV. ED TRUCKS & SCHOOL BUSES	COE TRUCKS.	
		SPECIAL DELUXE & MASTER DELUXE.	MASTER 85.	LIGHT DELIVERY.	3/4 TON	3/4 TON SPECIAL			
Vehicle	Number	The first figure in the vehicle serial number indicates the location of the Assembly Plant: 1-Flint, Michigan; 2-Tarrytown, N. Y.; 3-St. Louis, Missouri; 5-Kansas City, Missouri; 6-Oakland, California; 8-Atlanta, Georgia; 9-Norwood Ohio; 12-Buffalo, N. Y.; 14-Baltimore, Maryland; 21-Janesville, Wisconsin. The letter prefix indicates the year model and is followed by the month number. The concluding figures of the serial number start at 1001 at each Assembly Plant and continue in numerical sequence. For example, 1KBO8-23182 is the serial number of the 22162nd 1940 Master 85 passenger car that was made at Flint in August.							
Engine	Numbers	Engine serial numbers start at 2697268 at Flint and at B-105462 at Tonawanda. The number is preceded by prefix letters designating the various models and plants as shown below.							
		Flint	No prefix	Z		AT	T	H	
		Tonawanda	B	KB.		ATB	TB	- - -	
Trans- mission	Numbers	Transmission serial numbers start with the numbers listed below and continue in numerical sequence for each model and plant as shown.							
		Toledo	- - - -			(RPO 4-speed - 9000001)		9000001	
		Saginaw	0000001			- - - -		- - -	
		Muncie	3000001			6000001 (RPO 4-speed - 7000001)		7000001	
Rear Axle	Numbers	Rear axle serial numbers start at the numbers listed below with the prefix letters for the plants and models as shown.							
		Detroit	Reg	2258238	C-2258238		2258238	T-2258238	74996
			RPO			- - - -			H-74996 (6.17 A.)
			RPO			- - - -			2H-74996 (2 Speed A.)
		Tona- wanda	Reg	B-70492	CB-70492		B-70492	TB-70492	B-44628
			RPO			- - - -			HB-44628 (6.17 A.)

SERIAL NUMBER LOCATIONS

VEHICLE SERIAL NUMBER - Passenger and Commercial Cars - Stamped on plate on right side of floor pan in front of front seat.
Trucks - Stamped on plate on right side of cowl under the hood (except COE); stamped on plate on rear of dash on COE trucks.

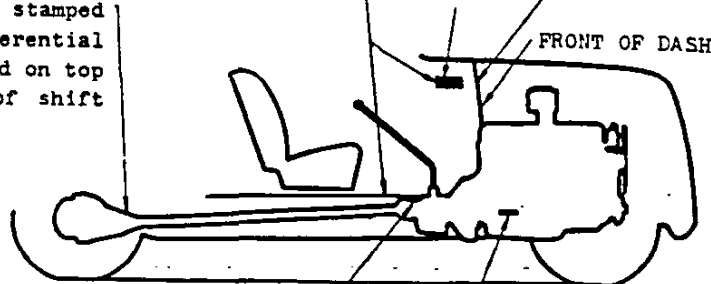
REAR AXLE SERIAL NUMBER

Passenger and Commercial Cars, and Light Delivery trucks - Stamped on front upper surface of differential carrier.

Conventional Heavy Duty and COE trucks, and School Buses - 5.43 and RPO 6.17 ratio axles: stamped on upper surface of horizontal rib on differential carrier; RPO two-speed rear axle: stamped on top of differential carrier just forward of shift lever.

FISHER BODY NO.
(Ft. of dash, right side)
CHEVROLET

FRONT OF DASH



TRANSMISSION SERIAL NUMBER

Passenger and Commercial Cars - Stamped on case at front edge of cover.

Light Commercial trucks - 3-speed: stamped on case at rear edge of cover; RPO 4-speed: stamped on rear left hand side of case.

Conventional Heavy Duty trucks, School Buses and COE trucks - Stamped on rear left hand side of case.

ENGINE SERIAL NUMBER

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

11-10-39

VEHICLE WEIGHT CONDITIONS

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

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

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

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

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

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

Conventional Heavy Duty and COE trucks - 6.00 5 ply front; 32 x 6, 8 ply rear.

Short school bus - 6.50-20, 6 ply fr. & dual r.

Long school bus - 32 x 6, 8 ply, front and rear.

* * * * *

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

* * * * *

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

PASSENGER CAR WEIGHTS

TYPES	SPECIAL DELUXE		MASTER DELUXE		MASTER 85	
	Shipping	Curb	Shipping	Curb	Shipping	Curb
Chassis, cowl and windshield, underbody	* 2200	* 2325	* 2195	* 2320	* 2120	* 2245
On front wheels	* 1340	* 1355	* 1335	* 1350	* 1315	* 1330
On rear wheels	* 860	* 970	* 860	* 970	* 805	* 915
Sport Sedan	3010	3135	2990	3115	2930	3055
On front wheels	1575	1590	1555	1570	1530	1545
On rear wheels	1435	1545	1435	1545	1400	1510
Town Sedan	2980	3105	2965	3090	2915	3040
On front wheels	1570	1585	1545	1560	1525	1540
On rear wheels	1410	1520	1420	1530	1390	1500
4 Passenger Coupe	2945	3070	2925	3050	- - -	- - -
On front wheels	1555	1570	1550 ●	1565 ●	- - -	- - -
On rear wheels	1390	1500	1375 ●	1485 ●	- - -	- - -
Business Coupe	2930	3070	2920 ●	3060 ●	2865	3005
On front wheels	1560	1610	1555 ●	1605 ●	1535	1585
On rear wheels	1370	1460	1365 ●	1455 ●	1330	1420
Cabriolet	3160 ■	3285 ■	- - -	- - -	- - -	- - -
On front wheels	1650 ■	1665 ■	- - -	- - -	- - -	- - -
On rear wheels	1510 ■	1620 ■	- - -	- - -	- - -	- - -

COMMERCIAL CAR WEIGHTS

TYPES	SPECIAL DELUXE		MASTER DELUXE		MASTER 85	
	Shipping	Curb	Shipping	Curb	Shipping	Curb
Coupe Pickup	- - -	- - -	3090 ■	3230 ■	3025	3165
On front wheels	- - -	- - -	1545 ■	1595 ■	1515 ■	1565 ■
On rear wheels	- - -	- - -	1545 ■	1635 ■	1510 ■	1600 ■
Sedan Delivery	- - -	- - -	2970 ●	3110 ●	2915	3055
On front wheels	- - -	- - -	1530 ●	1580 ●	1375	1425
On rear wheels	- - -	- - -	1440 ●	1630 ●	1540	1630
Station Wagon	3160 ●	3205 ●	- - -	- - -	3107 ●	3232 ●
On front wheels	1660 ●	1675 ●	- - -	- - -	1489 ●	1504 ●
On rear wheels	1500 ●	1610 ●	- - -	- - -	1618 ●	1728 ●

* - Estimated weights.

11-10-39. 12-27-39; ● - weights revised. 4-1-40; ■ - weights revised.

LIGHT COMMERCIAL TRUCK WEIGHTS

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

TYPES	LIGHT DELIVERY		3/4 TON		3/4 TSS		3/4 TSL	
	Shipping	Curb	Shipping	Curb	Shipping	Curb	Shipping	Curb
Chassis with flat face cowl	2195	2325	2355	2495	* 2560 ●	* 2700 ●	- - -	- - -
On front wheels	1330	1390	1425	1490	* 1465	* 1530	- - -	- - -
On rear wheels	865	935	930	1005	* 1095 ●	* 1170 ●	- - -	- - -
Stripped chassis with flat face cowl	* 1985	* 2115	* 2190	* 2330	* 2340	* 2480	- - -	- - -
On front wheels							- - -	- - -
On rear wheels							- - -	- - -
Chassis with cowl and windshield	2245	2375	2405	2545	* 2590	* 2730	- - -	- - -
On front wheels	1380	1440	1475	1540			- - -	- - -
On rear wheels	865	935	930	1005			- - -	- - -
Stripped chassis with cowl and windshield	* 2035	* 2155	* 2240	* 2380	* 2390	* 2530	- - -	- - -
On front wheels							- - -	- - -
On rear wheels							- - -	- - -
Chassis with cab	2595	2735	2755	2895	* 2950 ●	* 3090 ●	- - -	- - -
On front wheels	1560	1645	1640	1725	* 1675	* 1760	- - -	- - -
On rear wheels	1035	1090	1115	1170	* 1275 ●	* 1330 ●	- - -	- - -
Pickup truck	2840	2980	3110	3250	* 3240 ●	* 3380 ●	- - -	- - -
On front wheels	1530	1615	1555	1720	* 1710 ●	* 1795 ●	- - -	- - -
On rear wheels	1310	1355	1455	1530	* 1530 ●	* 1595 ●	- - -	- - -
Panel truck	3050	3180	3325	3465	* 3475 ●	* 3615 ●	3700 ■	3840 ■
On front wheels	1485	1545	1635	1700	* 1655 ●	* 1720 ●	1725 ■	1815 ■
On rear wheels	1565	1635	1690	1765	* 1820 ●	* 1895 ●	1975 ■	2025 ■
Canopy express truck	3050	3180	- - -	- - -	- - -	- - -	- - -	- - -
On front wheels	1505	1565	- - -	- - -	- - -	- - -	- - -	- - -
On rear wheels	1545	1615	- - -	- - -	- - -	- - -	- - -	- - -
Garryall suburban $\frac{1}{2}$	3300	3430	- - -	- - -	- - -	- - -	- - -	- - -
On front wheels	1500	1560	- - -	- - -	- - -	- - -	- - -	- - -
On rear wheels	1800	1870	- - -	- - -	- - -	- - -	- - -	- - -
Stake truck	- - -	- - -	3330 ●	3470 ●	* 3510	* 3650	- - -	- - -
On front wheels	- - -	- - -	1670 ●	1755 ●	* 1735	* 1820	- - -	- - -
On rear wheels	- - -	- - -	1660 ●	1715 ●	* 1775	* 1830	- - -	- - -

$\frac{1}{2}$ - With end gate. Weight with panel doors, 20 lbs. less.

SCHOOL BUS CHASSIS

For weight conditions, see page 11.

TYPES	Shipping	Curb
158-1/2" wheelbase	3344 ■	3532 ■
On front wheels	1734 ■	1824 ■
On rear wheels	1610 ■	1708 ■
193-5/8" wheelbase	3555	3750
On front wheels	1830	1920
On rear wheels	1725	1830

* - Estimated weights.

11-10-39. 12-27-39; ● - Weights revised. 4-1-40; ■ - Weights added.

CONVENTIONAL HEAVY DUTY TRUCK WEIGHTS

TYPES - For weight conditions, see page 11; for gross allowable weights and RPO equipment weights, see page 14.	ONE TON		1-1/2 TON			
	133" WHEELBASE		133" WHEELBASE		158-1/2" WHEELBASE	
	Shipping	Curb	Shipping	Curb	Shipping	Curb
Chassis with flat face cowl	2940	3120	3000	3195	3065	3260
On front wheels	1670	1760	1670	1760	1720	1810
On rear wheels	1270	1360	1330	1435	1345	1450
Stripped chassis with flat face cowl	* 2755	* 2895	* 2915	* 2955	* 2880	* 3020
On front wheels						
On rear wheels						
Chassis with cowl and windshield	* 2990	* 3170	3050	3245	3115	3310
On front wheels	* 1720	* 1810	1720	1810	1770	1860
On rear wheels	* 1270	* 1360	1330	1435	1345	1450
Stripped chassis, cowl, windshield	* 2805	* 2945	* 2865	* 3005	* 2930	* 3070
On front wheels						
On rear wheels						
Chassis with cab	* 3335	* 3515	3395	3590	3470	3665
On front wheels	* 1900	* 1990	1900	1990	1990	2080
On rear wheels	* 1435	* 1525	1445	1500	1480	1585
Open express (pickup) truck	* 3775	3970	3895■	4090■	- - -	- - -
On front wheels			1905■	1995■	- - -	- - -
On rear wheels			1990■	2095■	- - -	- - -
Panel truck	* 4015	* 4210	4045	4240	- - -	- - -
On front wheels	* 1870	* 1960	1870	1960	- - -	- - -
On rear wheels	* 2145	* 2250	2175	2280	- - -	- - -
Canopy express truck	* 3970	* 4165	4030	4225	- - -	- - -
On front wheels	* 1870	* 1960	1870	1960	- - -	- - -
On rear wheels	* 2100	* 2205	2160	2265	- - -	- - -
Stake truck	* 4130	* 4325	4175●	4370●	4445●	4640●
On front wheels			1900●	1990●	2010●	2100●
On rear wheels			2275●	2380●	2435●	2540●
Stake express truck	- - -	- - -	- - -	- - -	4515●	4710●
On front wheels	- - -	- - -	- - -	- - -	2075●	2165●
On rear wheels	- - -	- - -	- - -	- - -	2440●	2545●
Stock (high) rack truck	- - -	- - -	- - -	- - -	4750●	4945●
On front wheels	- - -	- - -	- - -	- - -	2060●	2150●
On rear wheels	- - -	- - -	- - -	- - -	2690●	2795●

CAB-OVER-ENGINE TRUCK WEIGHTS

TYPES - For weight conditions, see page 11; for gross allowable weights and RPO equipment weights, see page 14.	107-5/8"		131-1/8"		156-5/8"	
	WHEELBASE		WHEELBASE		WHEELBASE	
	Shipping	Curb	Shipping	Curb	Shipping	Curb
Chassis with cowl and windshield	3310■	3510■	3405■	3605■	3510■	3710■
On front wheels						
On rear wheels						
Chassis with cab	3520	3720	3605	3805	3725●	3925●
On front wheels	2165	2245	2265	2355	2350●	2445●
On rear wheels	1355	1475	1340	1450	1375●	1480●
Stake truck	4285●	4485●	4630●	4830●	- - -	- - -
On front wheels	2235●	2315●	2380●	2470●	- - -	- - -
On rear wheels	2050●	2170●	2250●	2360●	- - -	- - -
Stake express truck	- - -	- - -	4665	4865	- - -	- - -
On front wheels	- - -	- - -			- - -	- - -
On rear wheels	- - -	- - -			- - -	- - -
Stock (high) rack truck	- - -	- - -	4905●	5105●	- - -	- - -
On front wheels	- - -	- - -			- - -	- - -
On rear wheels	- - -	- - -			- - -	- - -

* - Estimated weights.

11-10-39. 12-27-39; ● - weights revised. 4-1-40; ■ - weights revised.

TRUCK GROSS ALLOWABLE WEIGHTS

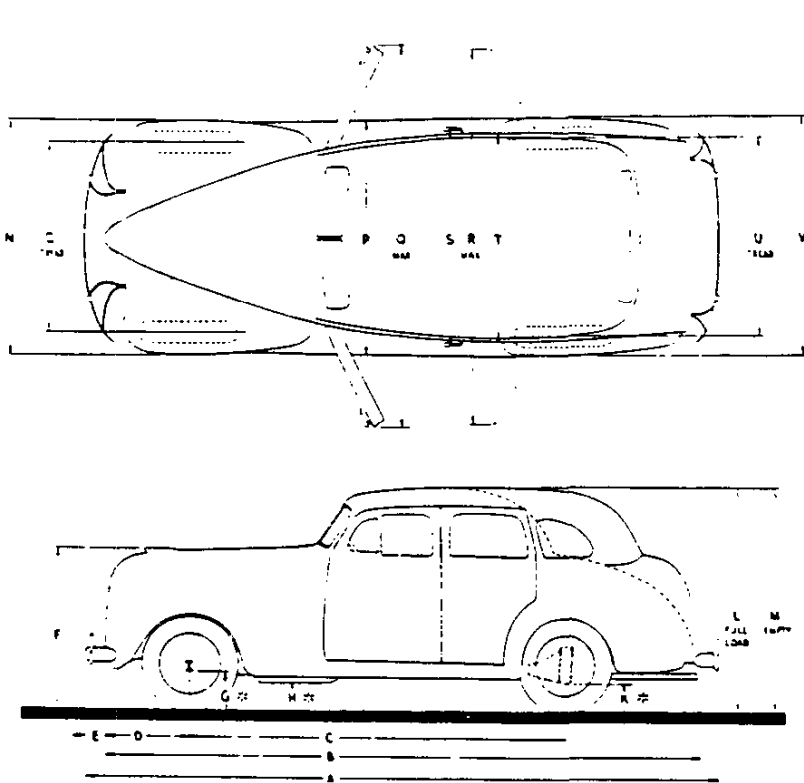
NOMINAL RATING	GROSS WEIGHT	MINIMUM TIRE EQUIPMENT		REQUIRED EQUIPMENT		
		FRONT	REAR	AUX. REAR SPRING	GOVERNOR	REAR A
LIGHT DELIVERY - 1/2 TON	4400	6.00-16, 4 Ply	6.00-16, 4 Ply single	- - -	- - -	4.11:
	*4600	6.00-16, 6 Ply	6.00-16, 6 Ply single	- - -	- - -	
3/4 TON	5200	15"-6 Ply	15"-6 Ply single	- - -	- - -	
3/4 TON SPECIAL@	*5600	7.00-17, 6 Ply	7.00-17, 6 Ply single	- - -	- - -	4.55:
ONE TON CHD	#6700	6.00-20, 6 Ply	6.00-20, 6 Ply single	- - -	- - -	
1-1/2 TON CONVENTIONAL HEAVY DUTY AND CAB-OVER-ENGINE	7700	6.00-20, 6 Ply	32 x 6, 8 Ply single	- - -	- - -	5.43:
	8000	6.00-20, 6 Ply	32 x 6, 10 Ply single	- - -	- - -	or
	9500	6.00-20, 6 Ply	6.00-20, 6 Ply dual	- - -	- - -	6.17:
	*11500	6.50-20, 6 Ply	32 x 6, 10 Ply dual	Yes	- - -	
1-1/2 TON CONVENTIONAL HEAVY DUTY AND CAB-OVER-ENGINE	*13500	6.50-20, 6 Ply	32 x 6, 10 Ply dual	Yes	Yes	6.17:
	9500	6.50-20, 6 Ply	32 x 6, 8 Ply dual	- - -	- - -	Two
	11500	32 x 6, 8 Ply	32 x 6, 10 Ply dual	Yes	- - -	Spec
	13500	32 x 6, 8 Ply	32 x 6, 10 Ply dual	Yes	Yes	5.64:
2 SPD. REAR AXLE	*12000	32 x 6, 8 Ply	34 x 7, 10 Ply dual	Yes	- - -	and
	*14000	32 x 6, 8 Ply	34 x 7, 10 Ply dual	Yes	Yes	6.22:

* - Plates as supplied with each vehicle show maximum load rating. Deviation of tires and equipment from corresponding rating as shown restrict load capacity in accordance with table. 3 - 9 leaf rear springs and 14" rear brakes. # - 8 leaf rear springs. @ - Governor set not to exceed 45 MPH.

TRUCK EQUIPMENT WEIGHTS	1/2 T	3/4 T	3/4 TS	1 TON	SC	LC	SCOE	MCOE	LCC
Cab (including cowl) •				488				520	
Flat face cowl				78					
Cowl and windshield				107					
Pick-up box	234	262		440					
Panel body	921	963		1096					
Carryall suburban body, end gate	1100								
Carryall suburban body, panel doors	1080								
Canopy express body	904			1012					
Stake platform, wood		370		508		641			
Express platform, wood						614			
Stake platform, steel									
Stake rack equipment		180		258		304			
Stock rack equipment						554			
Express rack equipment						354			
Sign panel equipment									
Platform skirt and tool box equipment									
2 speed rear axle equipment - **					158	160	106	158	159
4 speed transmission - **	49	51	52						
2 two-stage rear springs & equipment**					46		33		46
2 auxiliary rear springs & equipment**					77		80		77
5.50-18, 4 ply tire and wheel	51-1/2								
6.00-16, 4 ply tire and wheel	42								
6.00-16, 6 ply tire and wheel	48-1/4								
7.00-17, 6 ply tire and wheel			84-1/2						
15"-6 ply tire and wheel	61-1/4								
7.50-17, 8 ply tire and wheel			96-3/4						
6.00-20, 6 ply tire and wheel						85			
6.50-20, 6 ply tire and wheel						91			
7.00-20, 6 ply tire and wheel						107			
7.50-20, 6 ply tire and wheel						130			
8.25-20, 10 ply tire and wheel						171-3/4			
30 x 5, 5 ply tire and wheel						83			
32 x 6, 8 ply tire and wheel						97-1/2			
32 x 6, 10 ply tire and wheel						123			
34 x 7, 10 ply tire and wheel						164			

** - Add to regular equipment. On 3/4 TSL, 7.00-17, 8 ply tire and wheel weight, 96-1/4. ■
11-10-39. 12-27-39; • - Revised, ■ - Note revised.

PASSENGER CAR EXTERIOR DIMENSIONS



LEGEND

- A-Overall length.
- B-Overall length, less bumpers.
- C-Wheelbase.
- D-Center of wheels to grille front.
- E-Grille front to front of bumper.
- F-Maximum height of radiator ornament from ground, loaded.
- *G-Minimum "front axle" ground clearance.
- *H-Minimum exhaust pipe ground clearance.
- *K-Minimum rear axle ground clearance.
- L-Maximum height of car, loaded.
- M-Maximum height of car, empty.
- N-Max. width over front fenders.
- O-Front tread.
- P-Max. width over running boards.
- Q-Maximum width over front doors, opened.
- R-Maximum width over rear doors, opened.
- S-Max. width over door handles.
- T-Maximum body width.
- U-Rear tread.
- V-Max. width over rear fenders.

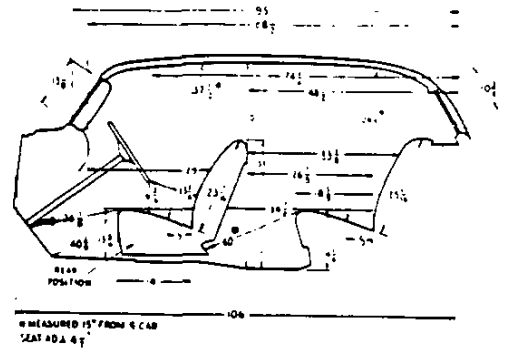
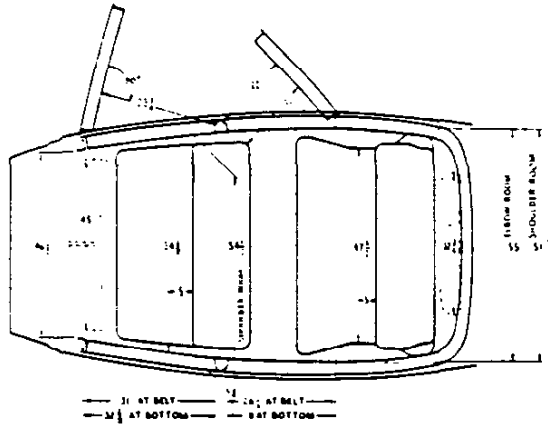
*- G, H, & K based on Tire & Rim Association standards. •

	SPECIAL DELUXE					MASTER DELUXE				MASTER 85			
	SPORT SEDAN	TOWN SEDAN	FOUR PASS. COUPE	BUSINESS COUPE	CABRIOLET	SPORT SEDAN	TOWN SEDAN	FOUR PASS. COUPE	BUSINESS COUPE	SPORT SEDAN	TOWN SEDAN	BUSINESS COUPE	
A	192-3/16"												A
B	131"												B
C	113"												C
D	25-5/16"												D
E	5-3/16"												E
F	47-15/16"									49-3/16"			F
G	◆ 3-1/16" (under coil spring seat)									= 8-9/16" (under I beam)			G
H	▼ 8"									■ 8-3/8"			H
K	■ 8-1/2"												K
L	65-1/4"		65-13/16"			66-1/4"		65-13/16"		66-5/8"	66-3/16"		L
M	62-1/2"		66-7/8"			68-1/2"		66-7/8"		68-7/8"	67-1/4"		M
N	70-7/16"												N
O	57-21/32"									56-3/8"			O
P	72-13/16"												P
Q	125-1/2"		138"			120-1/2"		138"		120-1/2"	138"		Q
R	115-1/2"		None			115-1/2"		None		115-1/2"	None		R
S	67-3/8"		67-3/4"			67-5/8"		67-3/4"		67-5/8"	67-3/4"		S
T	62-5/8"		62-3/4"			62-5/8"		62-3/4"		62-5/8"	62-3/4"		T
U	59"												U
V	71-21/32"												V

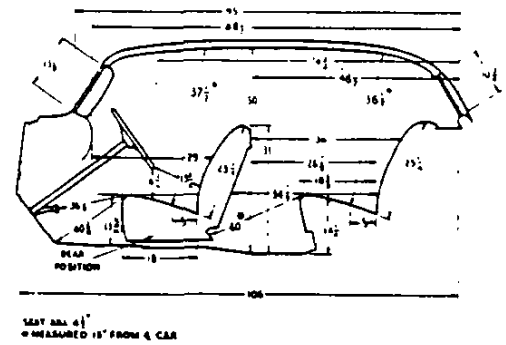
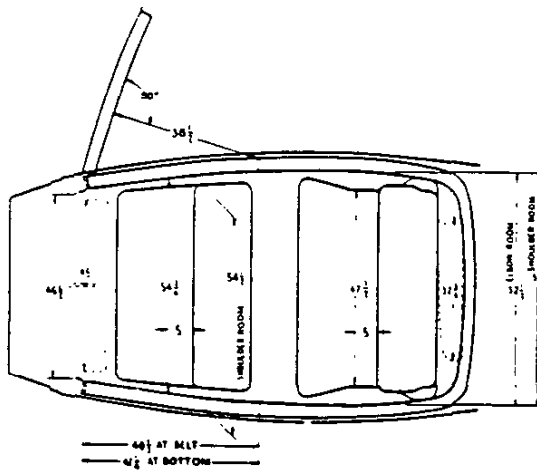
11-10-39. 12-27-39; • - note added, ◆ - was 7-25/32", = - was 8-17/64", ▼ - was 7-5/8", ■ - was 8-23/64", ■ - was 7-27/32"

PASSENGER CAR BODY DIMENSIONS

SPORT SEDAN



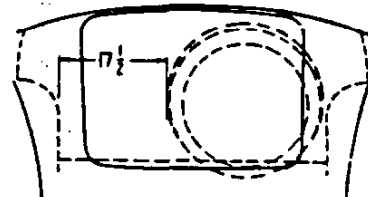
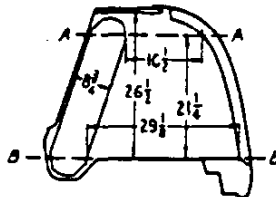
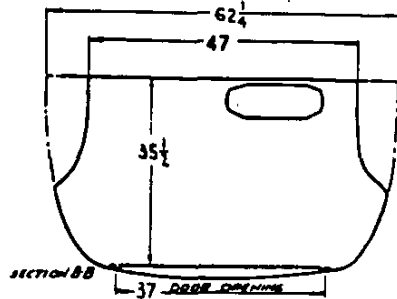
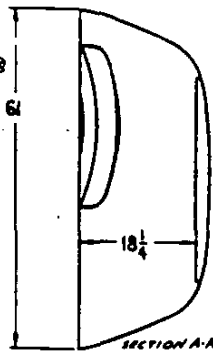
TOWN SEDAN



SPORT SEDAN & TOWN SEDAN

TRUNK LUGGAGE SPACE

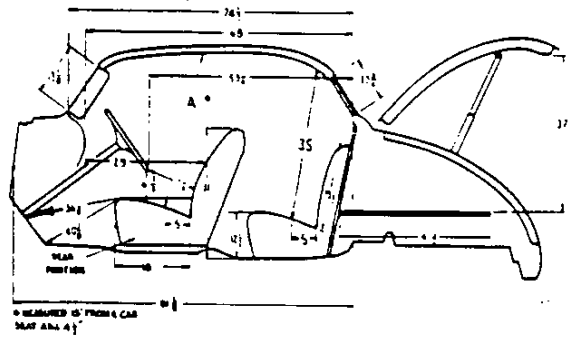
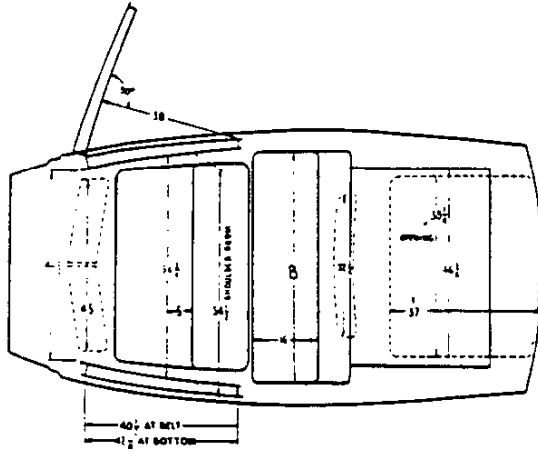
CAPACITY - Approx. 18.9 cubic feet
(spare wheel & tire not installed) @



11-10-39. 12-27-39; 3 - revised. • - Dimension relocated.

PASSENGER CAR BODY DIMENSIONS—Continued

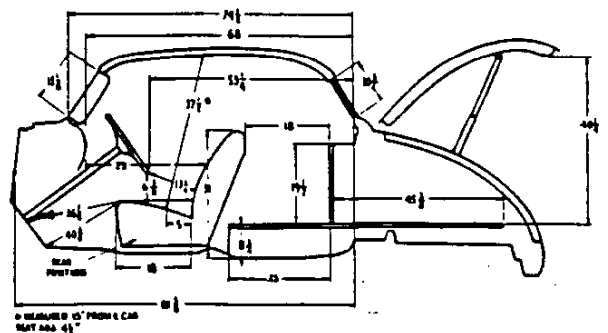
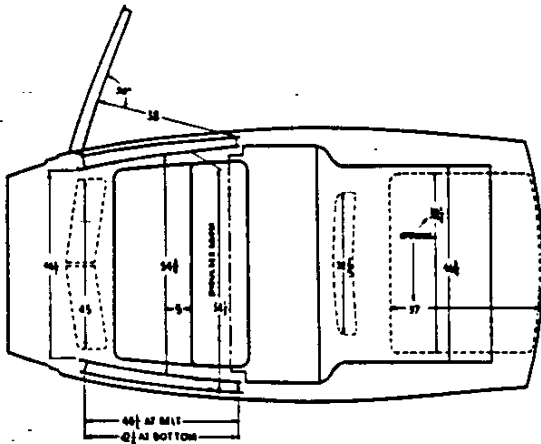
FOUR PASSENGER COUPE
& CABRIOLET



A - 37-1/2 in FOUR-PASSENGER COUPE, 37-7/8 in CABRIOLET

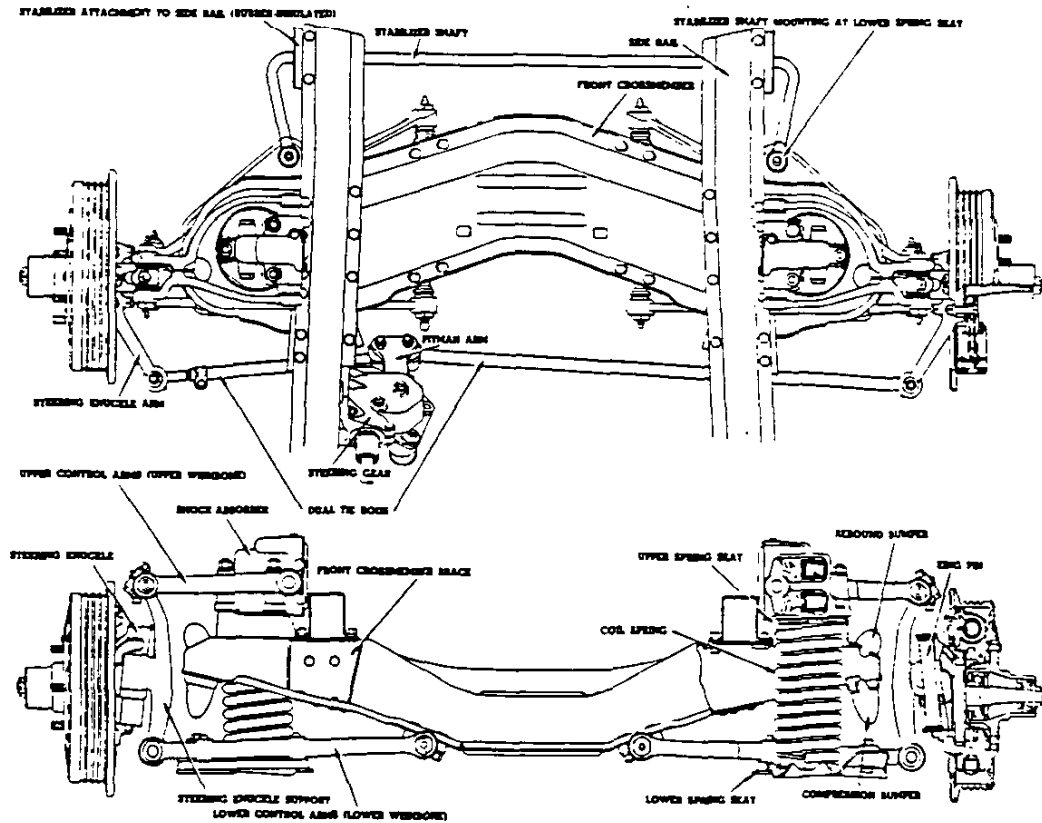
B - 56 in FOUR-PASSENGER COUPE, 46 in CABRIOLET

BUSINESS COUPE



11-10-39

KNEE ACTION FRONT SUSPENSION—SPECIAL DE LUXE AND MASTER DE LUXE



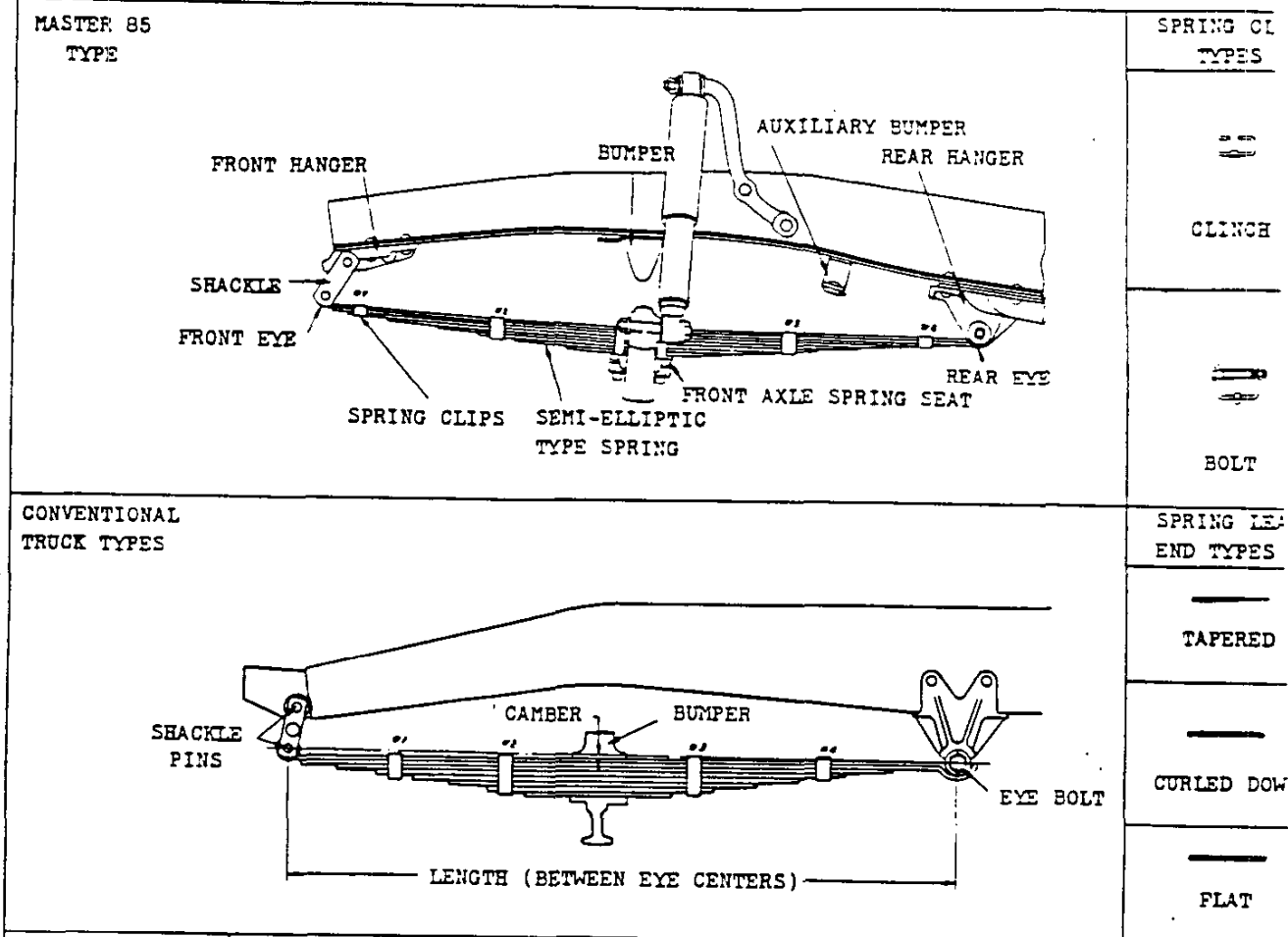
SPRING	
Type	R.H. Helical Coil
Material	Silicon-Manganese Steel
Gauge (Dia.)	.576" - .580"
Number of coils	11-1/6
Outside diameter	4-3/8"
Pitch diameter (theo.)	3.781"
Free length	13-15/16"
Working length	9-17/32" at 1310#
Deflection rate	300#/inch
Frequency	Curb load
Cycles/min.	Full load

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

BEARINGS		UPPER CONTROL ARMS			LOWER CONTROL ARMS			
		PIVOT BOLT	Pt.BUSH.	Rr.BUSH.	PIVOT BOLT	BOLT BUSH.	SHAFT BUSH.	SHAFT END
Type		Threaded						
Material	Carbon steel	Hardened	File hard surface	Hardened	File hard surface	Hardened	File hard surface	Hardened
Threads	Type	Ends	11 Pitch, Single					
		Center	14 P, Double					
	Major Dia.	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						

11-10-39

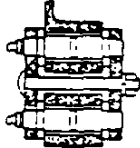

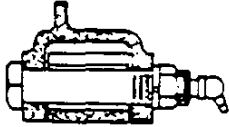
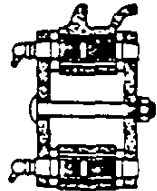

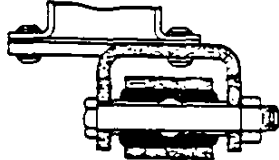
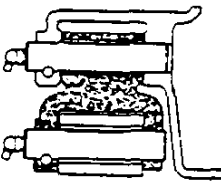

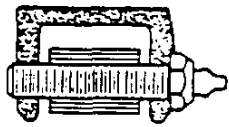

FRONT SUSPENSION



ITEM	PASSENGER AND COMM. CARS	CONVENTIONAL TRUCKS					CAB OVER ENGI TRUCKS
	MASTER 85	LT. DEL.	3/4T & 3/4TS	HEAVY DUTY REG.	R.P.O.	LONG SCHOOL BUS	
Type	Semi-elliptic						
Material-steel	Chromium		Chrome vanadium			Chromium	
Number of leaves	8	7	8	9	7	10	8
Thickness of leaves	#1	.194"	.237"	.291"	.323"	.291"	.291"
	#2			.262"	.262"	.262"	
	#3						
	#4	.176"	.194"	.237"	.262"	.262"	
	#5						
	#6,#7	None	None	None	None	.237"	
	#8						
	#9	None	None	None	None	None	
	#10						
	Total thickness	1.480"	1.487"	2.050"	2.448"	1.863"	2.524"	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"	9/16"	7/16"
Load at camber height (Av.)	695#	775#	785#	950#		1550#	1225#
Deflection (Av.)	175#/"	260#/"	475#/"	645#/"	475#/"	560#/"	675#/"
Leaf end type	Tapered	Curled down			Flat		
Spring clip type	#1	Clinch			Bolt		
	#2	Clinch	None		Bolt		
	#3	Clinch			Bolt		
	#4	Clinch			Bolt		

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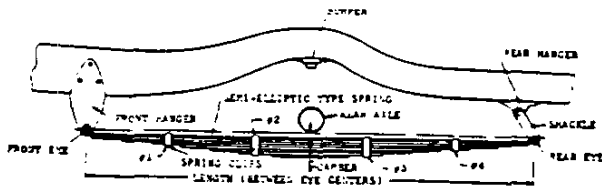
FRONT SPRING MOUNTING

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		

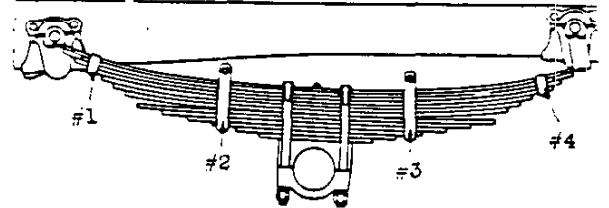
ITEM	PASS. AND COMM. CARS		CONV. TRUCKS & SCHOOL BUSES			CAB OVER ENGINE TRUCKS
	MASTER 85		LIGHT DELIVERY	3/4 T AND 3/4 TS	CHD & SCHOOL BUSES	
Front eye type	Overhung					Overhung 1/8 wrapped
Rear eye type	Berlin eye full wrapped	Berlin eye 1/2 wrapped				Overhung 1/4 wrapped
Shackle	Location	At front				At rear
	Type	Threaded H				
Shackle pins	Material	Carbon steel, file hard case				
	Diameter	.619" P.D. 11 threads per inch. Threads cadmium plated				.623" P.D. 11 Thds., 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	.631" P.D. 11 threads x 1-3/4"				.687" x 1-15/16"
	Type	Threaded for shackle pin				Plain
Rear bushing	Material	Car. steel, file hard	Bronze			Car. steel, file har
	Size	.631" P.D. x 1-3/4"	.687" I.D. x 1-11/16"			.631" P.D. x 2"
	Type	Thd. for eye bolt	Plain			Thd. for shackle pin
Spring-axle assembly	Two U-bolts per spring					
Spring	Material	H.R. Steel, hardened				
U-bolt	Diameter	1/2"				5/8"
Bumper material	Spring bumper rubber					
Spring mounting	Parallel		0°-4' (incl. angle)		7°-49' (incl. angle)	
Spring centers	28-1/5"		26-13/16"			

REAR SPRINGS

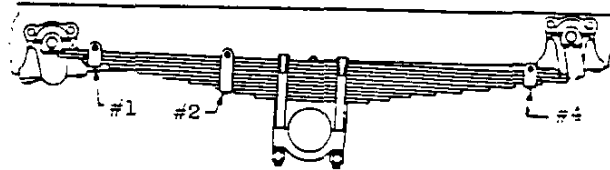
PASSENGER & COMMERCIAL CAR,
& LIGHT DELIVERY TRUCK TYPE SPRING



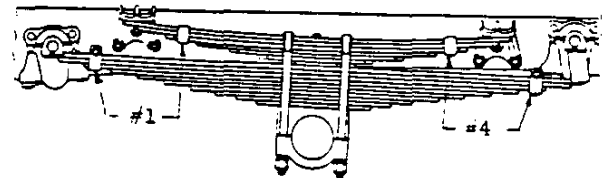
SCHOOL BUS AND RPO PROGRESSIVE ACTION SPRING



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



RPO AUXILIARY SPRING



ITEM	PASS. & COMM. CARS					TRUCKS & SCHOOL BUSES						
	PCH TS SS Cpe B Cpe 2 * Cpe 4 * Cbl *	Cpe 2 Cpe 4	Cbl	SDL STW	lt. Del.	3/4 Ton	3/4 Ton Special	All CHD and COE except Panel @	CHD Panel and RPO One Ton	SSB-LSB and RPO Prog. Action	RPO Auxili:	
Type	Semi-elliptic											
Material-Steel	Chromium					Silicon-Manganese						
No. of leaves	8	7	7	8	8	8	9	10	8	11	6	
Thick- ness of leaves	#1	.237"	.237"	.237"	.237"	.291"	.291"	.323"	.291"	.323"	.323"	
	#2											
	#3											
	#4	.214"	.214"	.214"	.214"	.291"	.291"	.323"	.291"	.360"	.323"	
	#5											
	#6	.214"	.214"	.214"	.214"	.291"	.291"	.323"	.291"	.360"	.323"	
	#7											
	#8	None	None	None	None	None	None	None	None	.360"	None	
	#9											
	#10	None	None	None	None	None	None	None	None	.360"	None	
	#11											
Total thick.	1.827"	1.567"	1.613"	1.896"	2.328"	2.392"	2.683"	3.230"	2.328"	3.775"	1.938"	
Eff. Length	49"				54-1/8"	45"					31-1/4"	
Width	1-3/4"				2"			2-1/2"				
Camber (Av.)	5/16" Negative				1/2"	37/64"	19/64"	1/2"	1-1/16"	1-1/64"	None	
Load at camber	920#	750#	825#	1050#	1150#	1400#	1650#	2950#	1500#	4000#	Engages	
Height (Av.)	120#/"	105#/"	112#/"	145#/"	190#/"	450#/"	505#/"	840#/"	490#/"	**	at 1900#	
Deflect (Av.)	120#/"	105#/"	112#/"	145#/"	190#/"	450#/"	505#/"	840#/"	490#/"	**	1530#/"	
Leaf end type	Tapered			Curled		Flat						
Spring Clip Type	#1	Clinch			Clinch	Bolt				Clinch		
	#2	Clinch (None on SD & MD)			Clinch	Bolt	None	Bolt		None		
	#3	Clinch (None on SD & MD)			Clinch	None			Bolt	None		
	#4	Clinch			Clinch	Bolt				Clinch		
Spring covers	Yes (on SD & MD)					None						

NOTES: * - With RPO 18" wheels. @ - Used on 133" Panel with RPO dual wheels. ** - 550#/" between 500# and 1100#; 1100#/" between 2500# and 3600#. @ - Between bracket centers.

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CHEVROLET 1940 SPECIFICATIONS

REAR SPRINGS MOUNTING

ITEM	PASS. AND COMM. CARS		TRUCKS & SCHOOL BUSES			
			LIGHT DELIVERY	3/4 TON	3/4 TON SPEC.	CHD, COE & S
Front eye type	Overhung					
Rear eye type	Overhung		Overhung			
Shackle	Location	At rear				
	Type	Threaded H		2 bushings .875 I.D. x 1-1/8"		
Shackle pins	Material	Carbon steel, file hard case				
	Diameter	.623" P.D., 11 threads per inch, Cadmium plated		.875"		
Eye bolt or pin	Material	Carbon steel, hardened		Carbon steel, file hard case		
	Diameter	.502"	.653"	.875"		
	Type	Plain		Screws into hanger		Plain
Front bushing	Material	Rubber and steel		Bronze		Carbon steel
	Size	.505" Min. I.D. x 2.405"		.687" I.D. x 1-11/16"	.878" I.D. x 1.990"	.878" I.D. x 2.4
	Housing	Stl. 1-5/32" O.D. x 2"		None		
	Type	Rubber bushed		Plain		
Rear bushing	Material	Carbon steel, file hard case		Carbon steel		
	Size	.631" P.D., 11 threads x 1-3/4"		.878" I.D. x 1.990"	.878" I.D. x 2.4	
	Type	Threaded for shackle pin		Plain		
Spring-axle attachment	2 U-bolts to rubber bushed seat on housing		2 U-bolts to metal seat and cap around housing			
Spring U-bolt	Material	Carbon steel, hardened				
	Diameter	1/2"				Carbon steel 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"	

② - Hardened on 107-5/8" W.B. C.O.E., also when progressive action or auxiliary spring is used.

SHOCK ABSORBERS

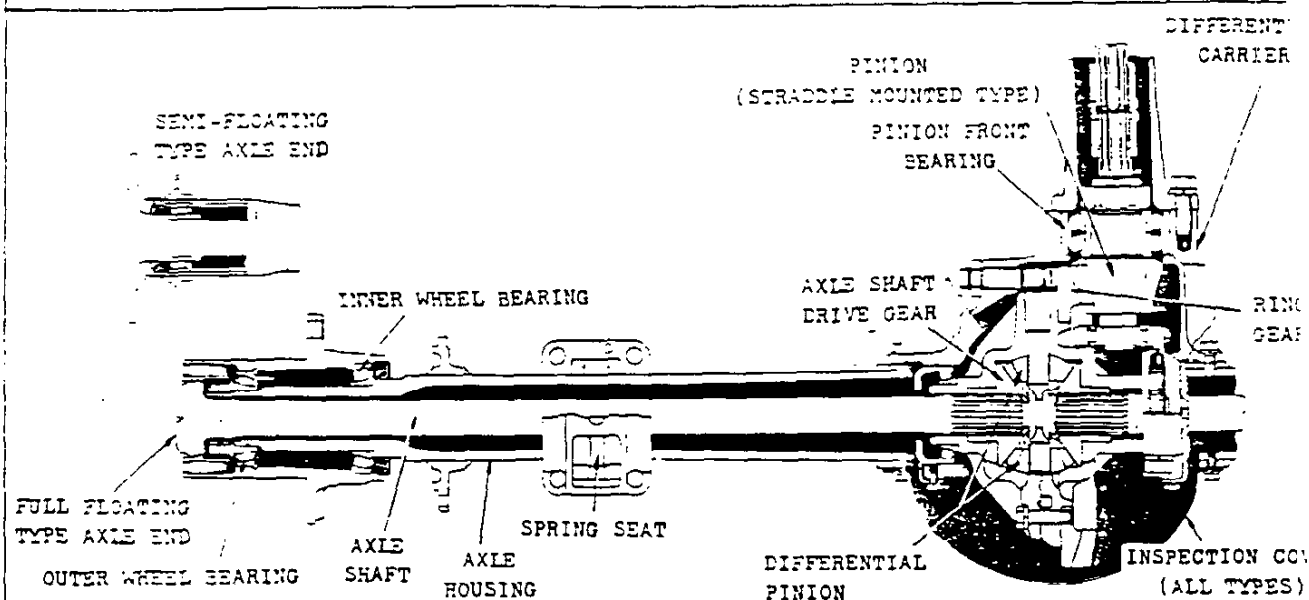
ITEM	PASS. AND COMM. CARS				TRUCKS & SCHOOL BUSES								
	SD and MD		MASTER 85		LT.DEL.	3/4 TON	3/4 T.S.	CHD, COE, &					
	Front	Rear	Front	Rear	Ft. Rr.	Ft. Rr.	Ft. Rr.	Ft. Rr.	Ft. Rr.	Rea			
Regular Shock Absorbers	Make	Delco-Hydraulic											
	Type	Double acting End-to-end discharge		Dbl.act. airplane	Single acting Conventional						None		
	Valve Code #	D-.5		A 1									
	Bumper Rebound	2E	5F	4E6	5G	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 Code #	None											
	Bumper Rebound					G2	G2	G2	G0	G2	G0	G2	G0	G2
Piston dia.	1-1/2"										1-3/4"		

RIDE STABILIZER

ITEM	PASS. & COMM. CARS		TRUCKS & SCHOOL BUSES			
	SD and MD	MASTER 85	LT.DEL. *	3/4 TON	3/4 T.S.	CHD, COE, & S
Type	Torsion bar in rubber bushing					
Mounting	Bolted to lower front spring seat.		Bolted to front spring			
	None					
Material	Carbon steel-tempered					

* - With suburban and panel bodies and chassis with cowl.

REAR AXLE



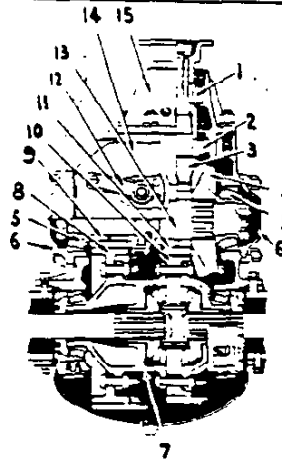
ITEM	PASS. & COM. CARS				TRUCKS & SCHOOL BUSES				
	SD and MD	MASTER 85 and RPO on SD & MD	LIGHT DELIVERY		3/4 T and 3/4 TS		CHD. SB & COE **		
			3-SPEED TRANS.	4-SPEED TRANS.	3-SPEED TRANS.	4-SPEED TRANS.	4-SPEED TRANS. REG. * OPT.		
Type	Semi-floating				Full floating				
Gross rating	3000#		3300#		3900#			10,300#	
Housing type	Pressed steel banjo. Formed in two pieces that are welded together along the seams.				Banjo. Formed from one-piece welded steel tube.				
Final gears	Spiral Hypoid								
	Type								
Ratio	4.111	3.727	4.111		4.555		5.428	6.166	
Teeth	37-9	41-11	37-9		41-9		38-7	37-6	
Gear back lash	.005" - .007"				.005" - .008"				
P i n i o n	Mounting	Overhung				Straddle			
	Adjustment	Shims and tapered collar				None			
	Front brg.	N.D.-905306				N.D.-954237			
	Rear brg.	Hy.-125630				Hy.-144553			
	Thrust	Against front pinion bearing							
Diff. type	Two pinion				Four pinion				
Diff. side brg.	Hy. 127861		Hy.-149520		Hy.-148399				
Wheel bearing	Hy.-111103		Hy.-111104		Hy.-178298		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"		1-5/32"		1-7/16"	
Drive torque	Through torque tube @								
Total @ gear reduc- tions	1st.	12.086	10.957	12.086	29.706	13.392	32.914	39.223	44.555
	2nd.	5.906 *	6.261	6.906	14.298	7.652	15.842	18.879	21.445
	3rd.	4.111	3.727	4.111	7.034	4.555	7.794	9.287	10.550
	4th.	None			4.111	None	4.555	5.428	6.166
	Reverse	12.086	10.957	12.086	29.385	13.392	32.559	38.799	44.075
Total % axle shaft torque (ft.lb.)	1st.	1746	1583	1725	2061 %	1911	2656 %	5600	6362
	2nd.	998	905	986	2061 %	1092	2656 %	2695	3061
	3rd.	594	538	586	1003	650	1112	1326	1508
	4th.	None			586	None	650	774	879
	Reverse	1746	1583	1725	2061 %	1911	2656 %	5600	6362

* - Not available on 158-1/2" W.B. School bus. ** - Two-speed rear axle on next page. @ - Through springs on 107-5/8" W.B. COE. @@ - Rear axle ratio x transmission ratio. @@@ - Regular equipment on school buses. % - Total gear reduction x maximum engine torque x 85%. %% - Maximum.

11-10-39. 12-27-39; Pass. & Com. car axle shaft torque revised. * - was 3300#, * - was 6-3/64", * - was 2.905.

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	High 5.641 to 1 Low 8.221 to 1	
Drive torque	Through torque tube	
Diff. type	Four pinion	
Diff. No.	Chev. 3651552	
brgs. Adj.	Adjusting nut & lock	
Axle Shaft	Type	Drive flange at wheel end forged integral with shaft
	Min. dia.	1-9/16"
	Splines	16 - 1-3/4" O.D.
Wheel brgs.	Inner	Hy. 144527
	Outer	Hy. 144525



PART NAMES	
1	Pinion front bearing
2	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 Sha
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.	40.762	59.405	5821	9483
2nd.	19.619	28.593	2802	4083
3rd.	9.652	14.066	1378	2011
4th.	5.641	8.221	805	1174
Rev.	40.322	58.764	5758	8391

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 brgs.	Left	Chev. 3651553
	Right	Chev. 3651554
Shifter bushing	Adj.	Shims; slight drag
	Mat'l	Alloy steel, hard.
	I.D.	.8115"-.8125"

PRIMARY DRIVE GEARS	
Type	Spiral bevel
Ratio	2.375 to 1
Back-lash	.006" to .01
Back-lash Adjustment	Shims at pinion bearing cage
Teeth	3
Mounting	Overhung
Ft. brg.	Chev. 3651511
Rr. brg.	Chev. 3651551
Bearing Adj.	Lock nuts; free rolling no end play
Teeth	19
Mounting	Tapered spline

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

SPEEDOMETER GEARS

REGULAR EQUIPMENT	PASS. AND COMM. CARS			TRUCKS			
	SD & MD	85	LD	3/4 TON	3/4TS	CHD & COE	LSB
Material	Carbon steel - file hard surface						
Pitch	Drive	18.629	22	18.629	30	18.629	22
	Driven		22.403				22.403
Teeth	Drive	4	5	4	6	4	
	Driven	12	14	12	19	12	13 15

RPO# EQUIPMENT	PASS. AND COMM. CARS			TRUCKS				
	SD & MD WITH 3.727 AXLE	ALL PASS. WITH 18" WHEELS	LD WITH 4-SPEED TRANS.	3/4T WITH 4-SPEED TRANS.	3/4TS WITH 4-SPEED TRANS.	SSB	CHD & COE WITH 6.166 AXLE	CRD WITH 2-SPEED AXLE *
Material	Carbon steel - file hard surface							
Pitch	Drive	22	22.403	22	18.629	22	22	28
	Driven	22.403							22.403
Teeth	Drive	5	14	13	12	15	18	22
	Driven	14							15

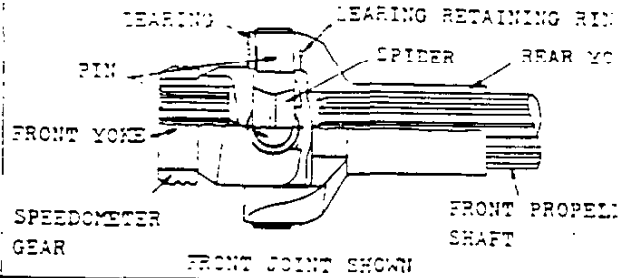
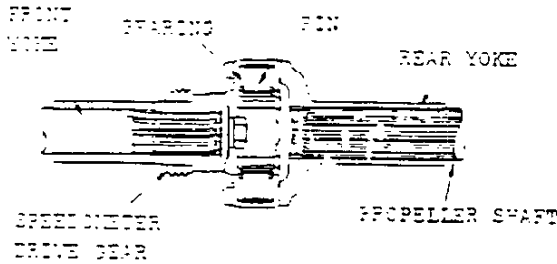
@ 4.111 Axle ratio. * With two-speed adapter. # Only options involving change in speedometer gears are listed.

11-10-39. 12-27-39; Two-speed axle max. torque revised.

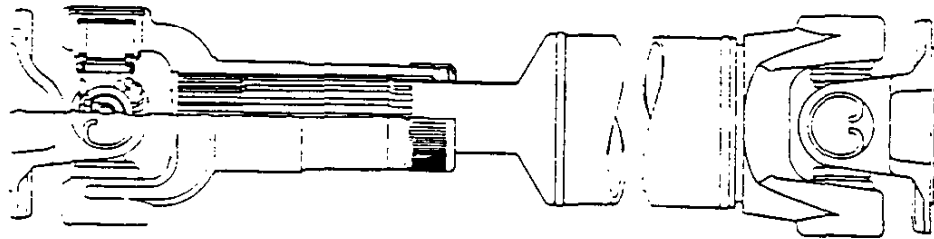
UNIVERSAL JOINTS AND PROPELLER SHAFTS

PASSENGER & COMMERCIAL CARS & LIGHT DELIVERY TRUCK

3/4 T, 3/4 TSL, CHD, MCOE, LCOE AND SCHOOL BUS



107-5/8" DIE TRUCK PROPELLER SHAFT



ITEM	PASS. & COMM. CARS		TRUCKS & SCHOOL BUSES					
	LT. DEL.	3/4 TON & 3/4 TSL	107-5/8" COE	131-1/5" COE	133" CHD	LC, SSB LCOE	193-5/8" SCHCOL	
Type	Yoke and Spider							
Number	1							
Location	Transmission							
Trun. Mat.	None	2nd. CM	Rear axle	2nd. CM	3rd. CM	4th. CM		
Trun. Mat.	Drop-forged steel-hardened							
Pin Dia.	None	.7185"	.6803"	.6803"	.6165"		.7165"	
Bearing Type	None	Needle Bearing	Bushing	Needle Brg.	Bushing		Bushing	
Shaft O.D.	None	.1039"	.7185"	.1249"	.7185"		.7185"	
Pin Eff. Lng.	None	.465"	.656"	.5946"	.656"		.656"	
Ball Cen. 3	None		10-11/64"▲	54-7/8" **	25-59/64"	25-7/8"	51-21/64" #	51-21/64"
Type	None	Solid	None		Solid		Solid	
O.D.	None	1-11/32"	None		1.475"		1.475"	
Wall Thick.	None	.094"	.141"	.141"	.083"	Solid	Solid	
Type of Ends	None	10-spline	16-spline		10-spline		10-spline	
		17 Involute spline		16-spline	10-spline			

* - I.D. on plain bushings. ** - On shaft centerline. @ - Measured horizontally unless otherwise specified.
 # - 51-3/8" on LCOE. % - 35-1/64" Intermediate shaft. ▲ - 19-3/8" on 3/4 TSL.

11-10-39. 12-27-39; ▲ Dimension for 3/4 TSL added.

		BRAKES			
ITEM		PASS. AND COMM. CAR	TRUCKS & SCHOOL BUSES		
		LIGHT DELIVERY	3/4 TON	3/4 TON SPEC.	CHD & SB C.O.E.
Service brake type		Hydraulic, 4 wheel, internal expanding, double articulated axle			
Hand brake type		Mechanical pull rods and cables operate 2 shoes in each rear brake			
Brake drum	Type	Composite (C.I. rim & cooling ribs, pressed steel web) Pressed steel			
		Same as Pass			
Dia-meter	Front	11"			14"
	Rear	11"		14"	18"
Material		Full-moulded			
Width	Front	1-3/4"			2"
	Rear	1-3/4"		2"	3"
Thick-ness	Front	.187"-.194"			.243"-.250" .285"-.292"
	Rear	.187"-.194"		.265"-.272"	.243"-.250" .285"-.292"
Clear-ance	Front	Adjust to slight drag. Back off 4 nosones			
	Rear	Same as front		Adjust to slight drag. Back off 2-3 screw tu	
Lining area (total eff.)	Serv. brake	158-1/4 sq. in.		124-1/2 sq. in.	330-1/4 sq. in.
	Hand brake	79-1/8 sq. in.		115-3/8 sq. in.	214-3/4 sq. in.
Braking pressure	Front	52-1/2%		45-1/4%	41%
	Rear	47-1/2%		34-3/4%	39%
Braking ratio	Pedal	4.75:1 5.15:1		5.25:1	
	Hydraulic	11.89:1		7.61:1	8.84:1 9.78:1
	Av. overall	56.8:1 61.3:1		40.0:1	46.4:1 61.3:1
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-fra	
	Pads, rubber	Yes		None	
Hand brake lever mounting		To cowl		To transmission To sub-fra	

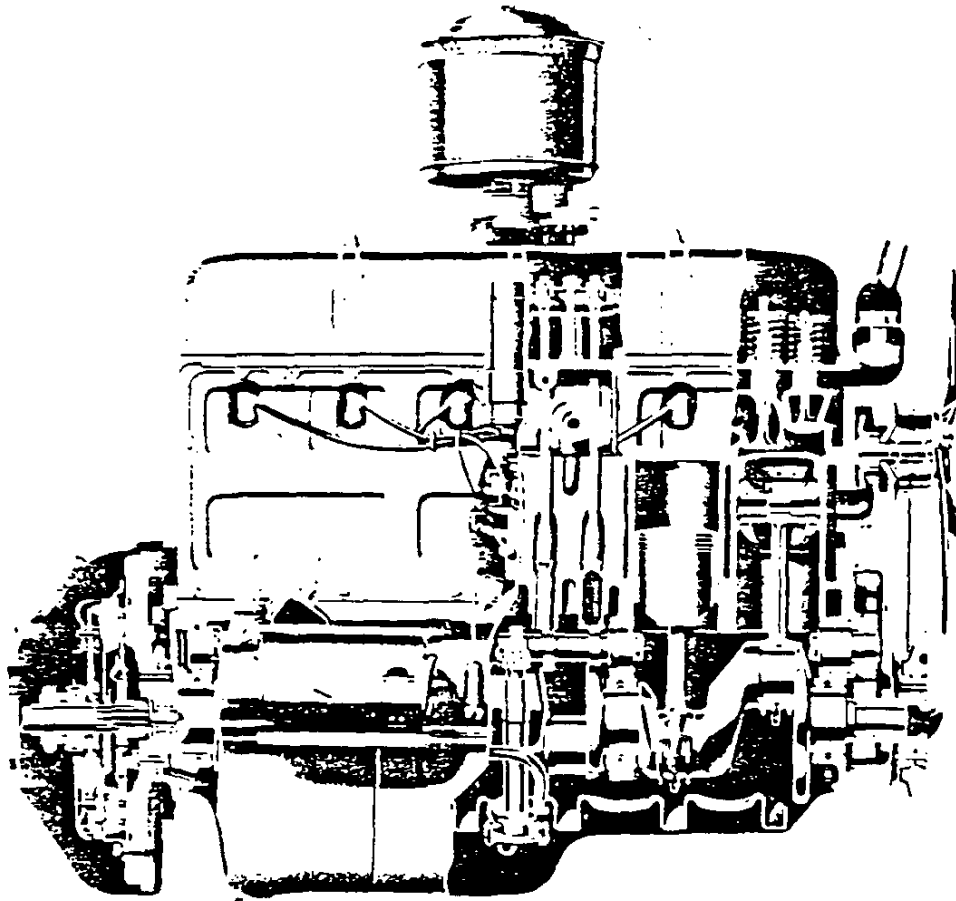
		BRAKES HYDRAULIC DATA				
ITEM		PASS. AND COMM. CAR	TRUCKS & SCHOOL BUSES			
		LIGHT DELIVERY	3/4 TON	3/4 TON SPEC.	CHD & SB	C.O.E.
Wheel cyl.	Diameter	1-1/4"				
		1-3/16"		1-3/8"		1-1/2"
Piston travel for full pedal stroke		.110"		.130"		.125"
Main cyl.	Diameter	1"				
	Piston travel for full pedal 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		CHD, SB, AND CCE	
Type		Single line, vacuum suspended, re-actionary valve.	
Power distribution	Pedal	33%	
	Booster	67%	
Pedal pressure @ 1000# hydraulic pressure (without booster)		228#	
Pedal pressure @ 1000# hydraulic pressure (with booster)		146#	

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

ENGINE GENERAL DATA

Illustration shows engine with passenger car air cleaner and clutch.



Type Valve-In-Head
 Cylinders Six, in line
 Bore 3-1/2"
 Stroke 3-3/4"
 Piston displacement 216.5 cu.in.
 Compression ratio 6.25:1
 Taxable horsepower 29.4

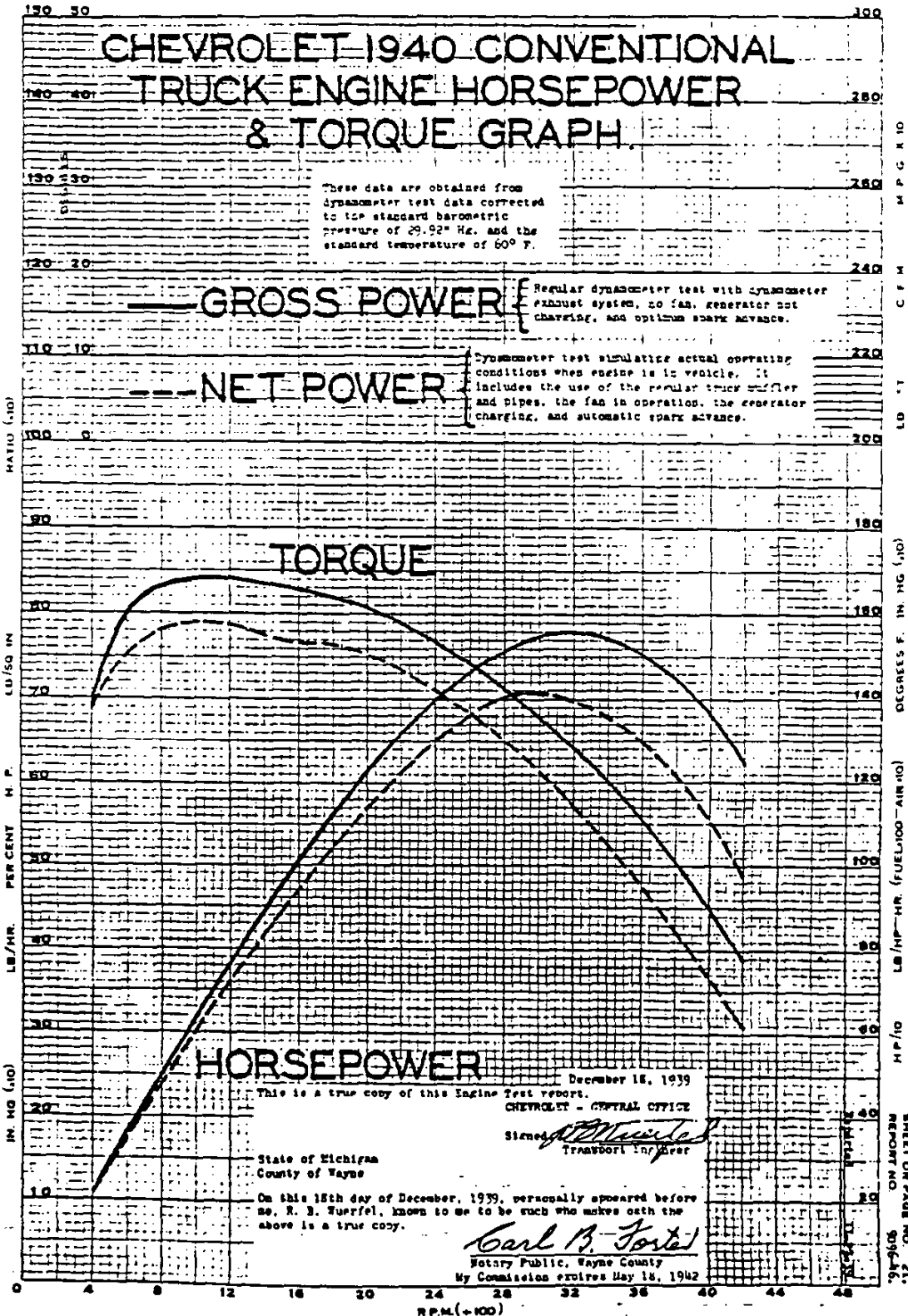
	PASS. & COMM.		TRUCKS						
	CARS		LIGHT DEL.	3/4 TON	3/4 TON SPECIAL	CHD & SB		COE	
	SD & MD	95				S.W.	D.W.	S.W.	D.W.
Nominal max. gross horsepower	85 @ 3400		78 @ 3200 (85 @ 3400 **)				80 @ 3100		
Nominal max. gross torque	170 @ 1200		168 @ 1100 (170 @ 1200 **)				168 @ 1800		
Nominal max. net horsepower	76 @ 3100		71 @ 3000 (76 @ 3100 **)				72 @ 2900		
Nominal max. net torque	155 @ 1000		158 @ 1000 (161 @ 1000 **)				160.5 @ 1800		
Horsepower and torque curves	Page 42		Page 43 (** Page 43-A)				Page 44		
Engine RPM/mi. per hour *	51.1	46.3	51.1	55.0	49.6	56.5	58.2	56.5	58.2
Engine revs./mi. in high *	3067	2780	3067	3298	2979	3393	3490	3393	3490
Piston travel in high (ft./mi.) *	1917	1738	1917	2061	1862	2121	2181	2121	2181
Weight (dry)	Engine complete		551#	556#	563#			576#	
	Power plant complete %		601#	606#	615#	656#		668#	

* - With regular equipment. D.W. = 6.00-20, 6 ply tires. % - Complete power plant weight includes engine, clutch, and transmission. ** - Conventional truck engine less manifold restriction.

11-10-39. 12-18-39 - Data added.

CHEVROLET 1940 CONVENTIONAL TRUCK ENGINE HORSEPOWER & TORQUE GRAPH

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



This is a true copy of this Engine Test report.

December 18, 1939
CHEVROLET - CENTRAL OFFICE

Signed *[Signature]*
TRANSPORT ENGINEER

State of Michigan
County of Wayne

On this 18th day of December, 1939, personally appeared before me, R. B. Wuerfel, known to me to be such who makes oath the above is a true copy.

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

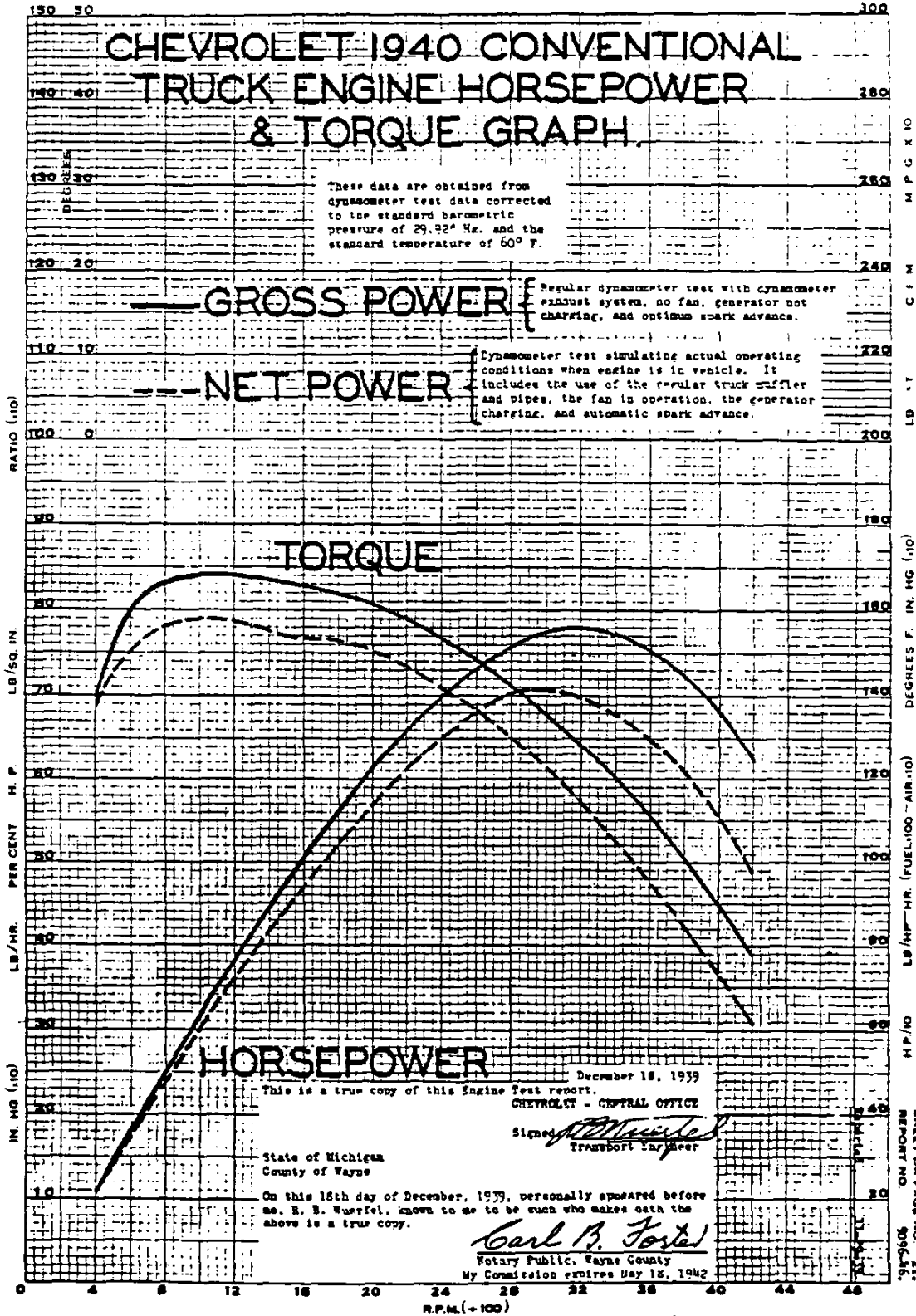
ENGINE PERFORMANCE ENGINE 1940 Chevrolet
MOD. & SERIAL NO. Conventional Truck

OBJ. Full Throttle
TEST DATE 10-12-39 & 10-18-39

SHEET OR PAGE NO. 21
REPORT NO. 396446

CHEVROLET 1940 CONVENTIONAL TRUCK ENGINE HORSEPOWER & TORQUE GRAPH.

These data are obtained from dynamometer test data corrected to the standard barometric pressure of 29.32" Hg. and the standard temperature of 60° F.



December 18, 1939
This is a true copy of this engine test report.

CHEVROLET - CENTRAL OFFICE

Signed *[Signature]*
Transport Engineer

State of Michigan
County of Wayne

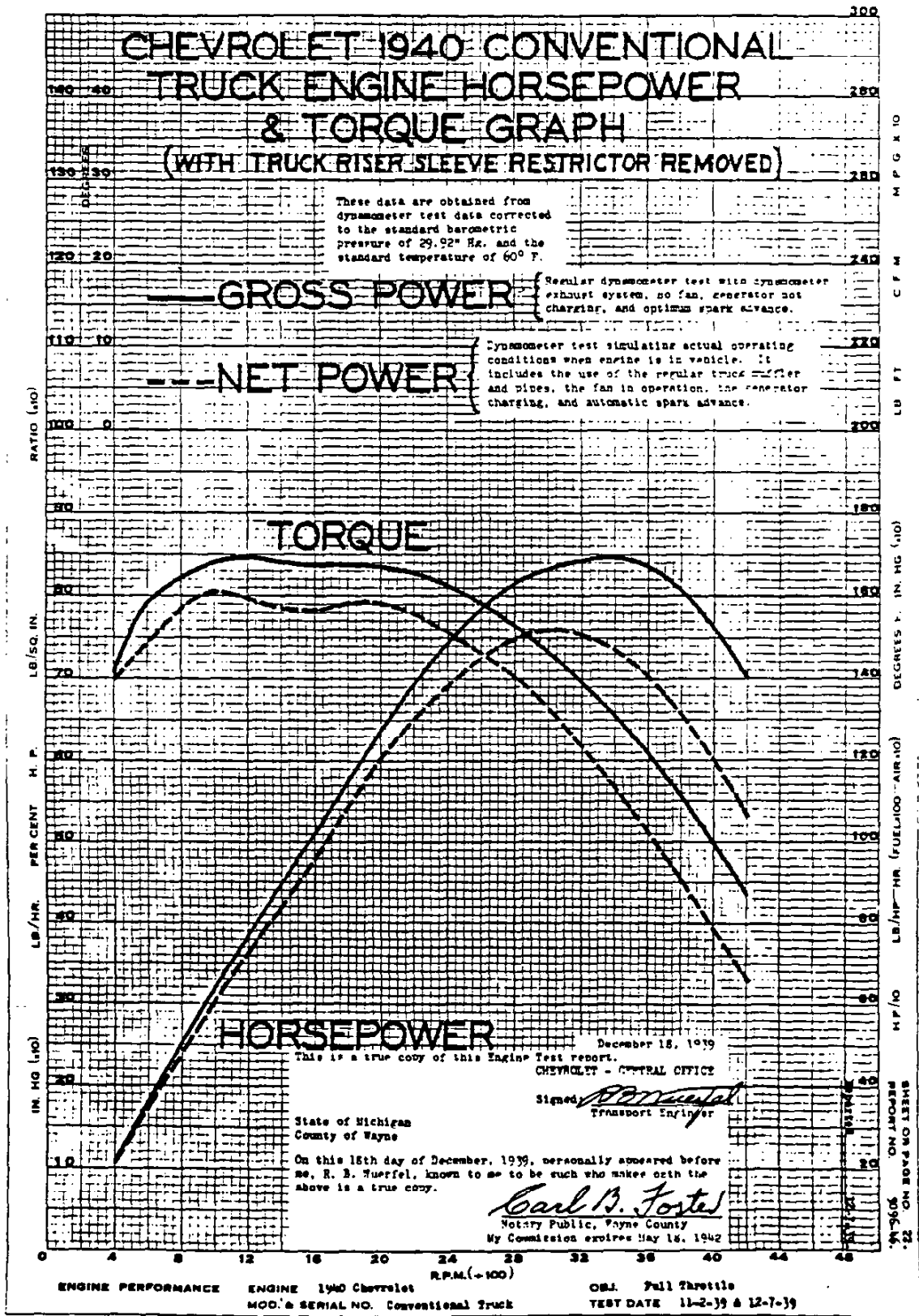
On this 18th day of December, 1939, personally appeared before me, E. B. Wuerfel, known to me to be such who makes oath the above is a true copy.

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

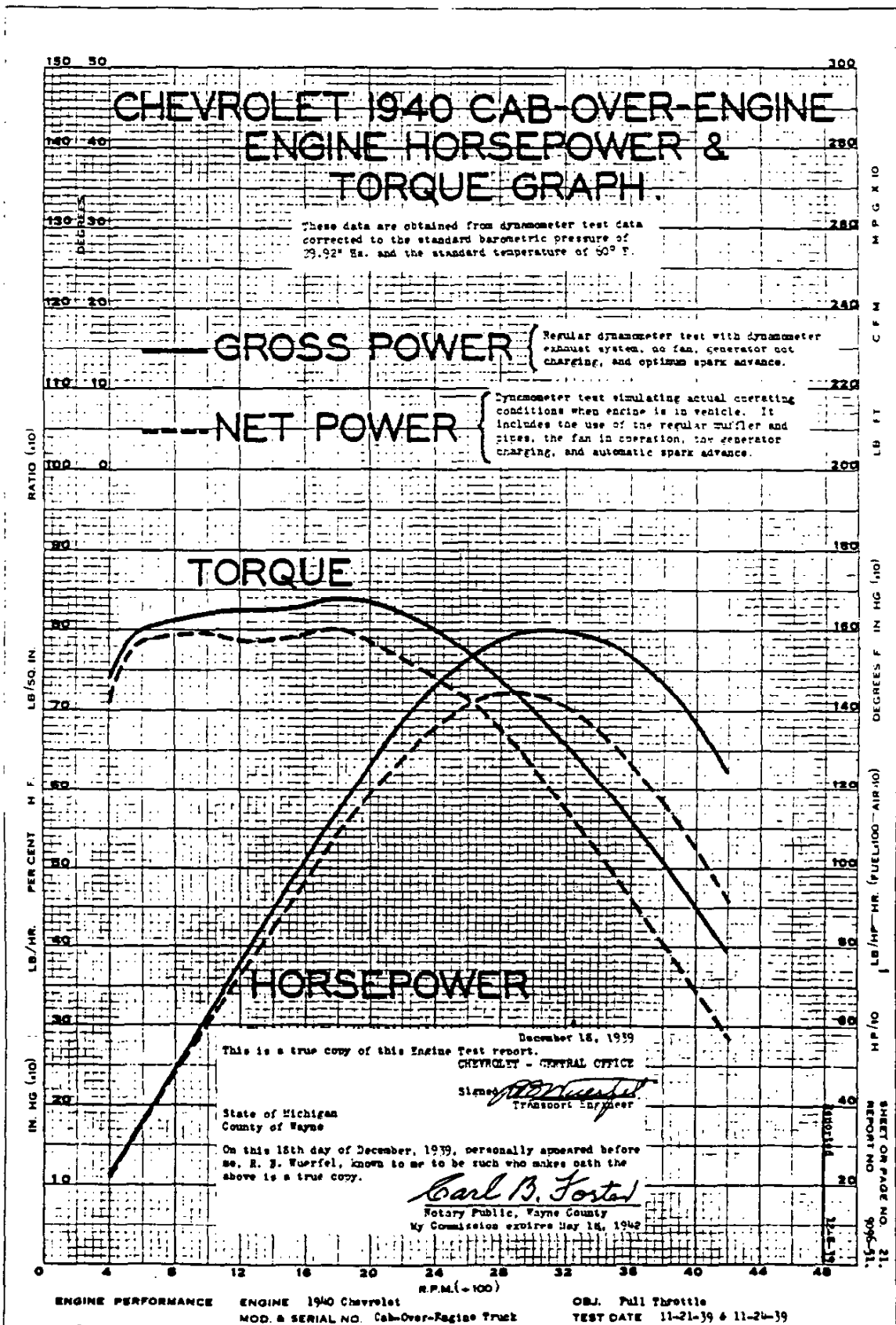
ENGINE PERFORMANCE ENGINE 1940 Chevrolet
MOD. & SERIAL NO. Conventional Truck
OEL Full throttle
TEST DATE 10-12-39 & 10-18-39

12-18-39

CHEVROLET 1940 SPECIFICATIONS



12-18-39



12-18-39

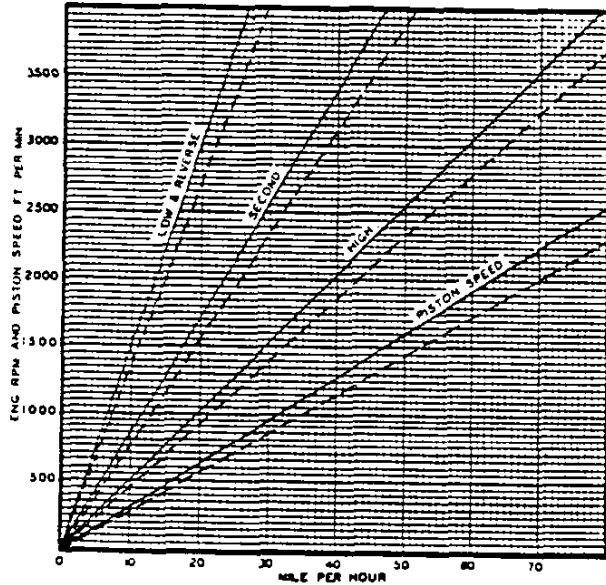
ENGINE R.P.M. AND PISTON SPEED

PASSENGER & COMMERCIAL CARS
LIGHT DELIVERY TRUCKS

6.00-16, 4 PLY & 6.00-16, 6 PLY TIRES

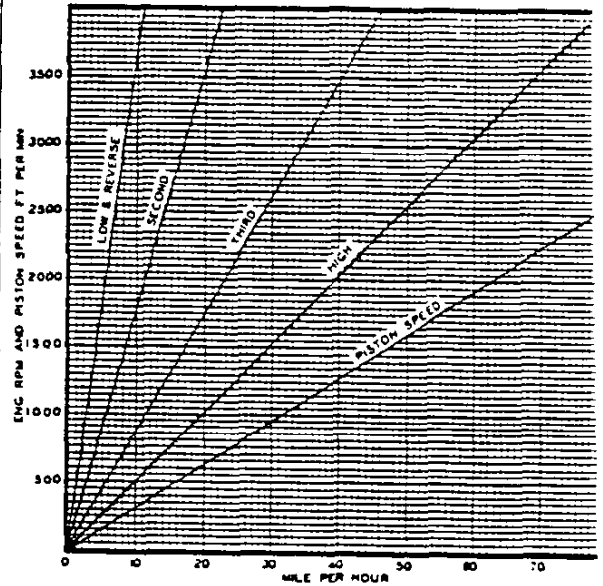
3-SPEED TRANSMISSION

REAR AXLE RATIO, 4.11 to 1 ———
REAR AXLE RATIO, 3.73 to 1 - - - - -



4-SPEED TRANSMISSION

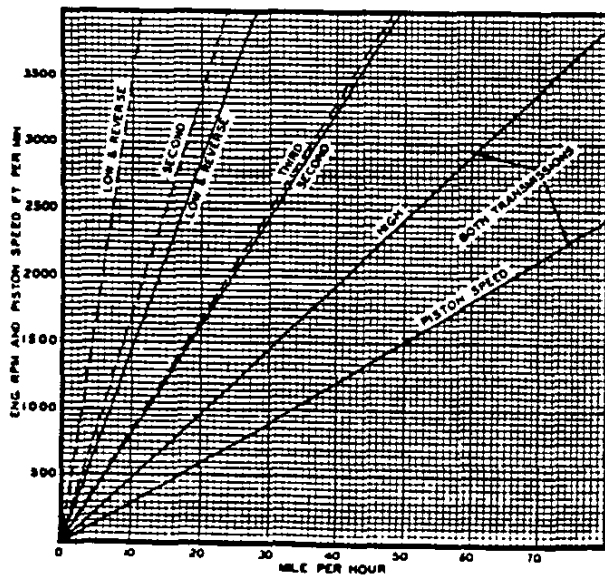
REAR AXLE RATIO, 4.11 to 1



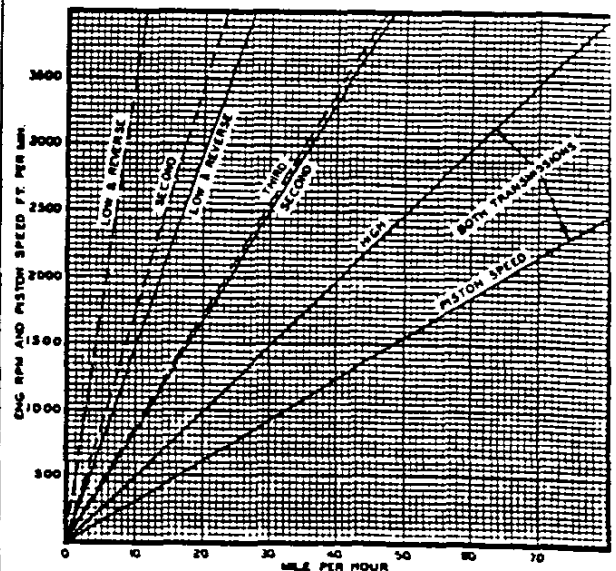
REAR AXLE RATIO, 4.11 to 1

3-SPEED TRANSMISSION ———
4-SPEED TRANSMISSION - - - - -

5.50-18, 4 PLY TIRES



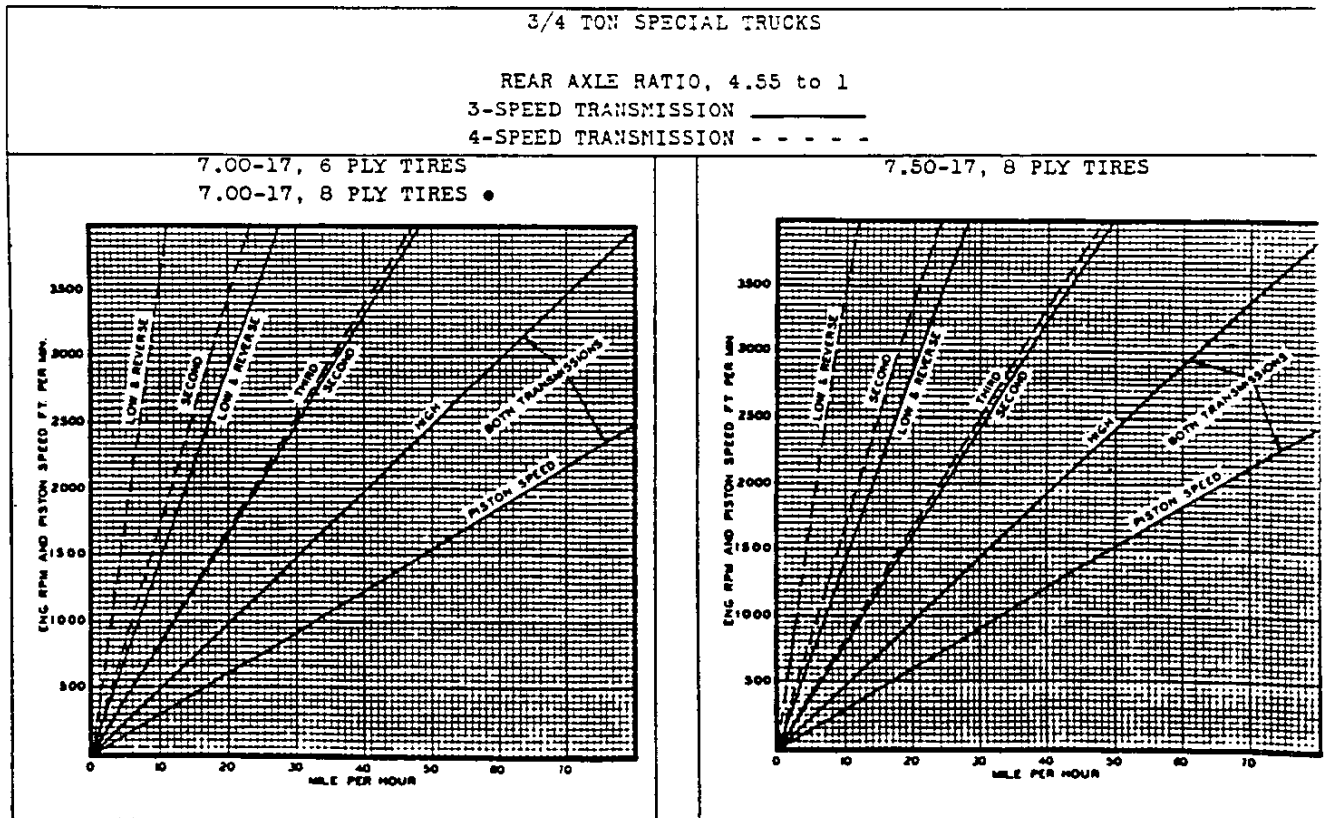
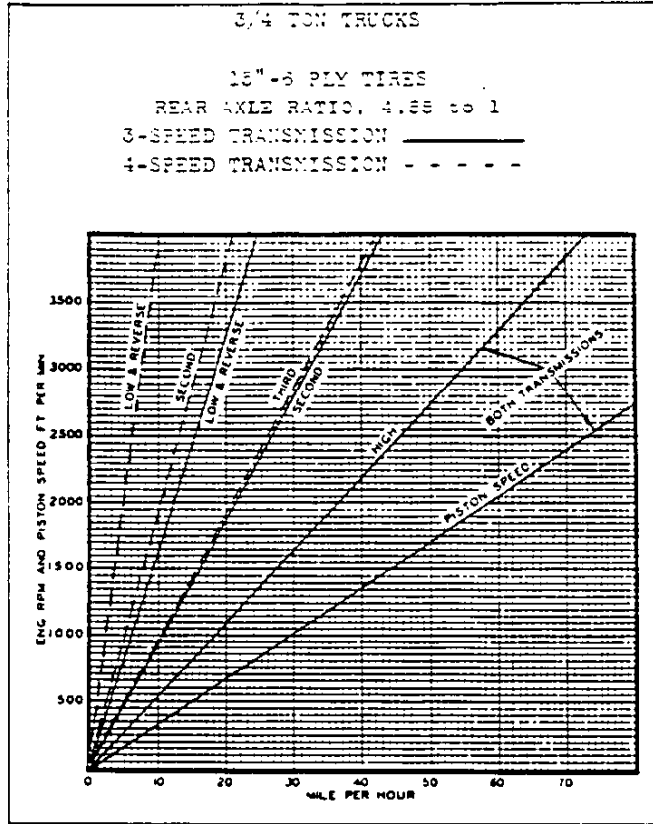
15" - 6 PLY TIRES



CONTINUED

11-10-39

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



CONTINUED

11-10-39. 12-27-39; • - 7.00-17, 8 ply tires added.

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

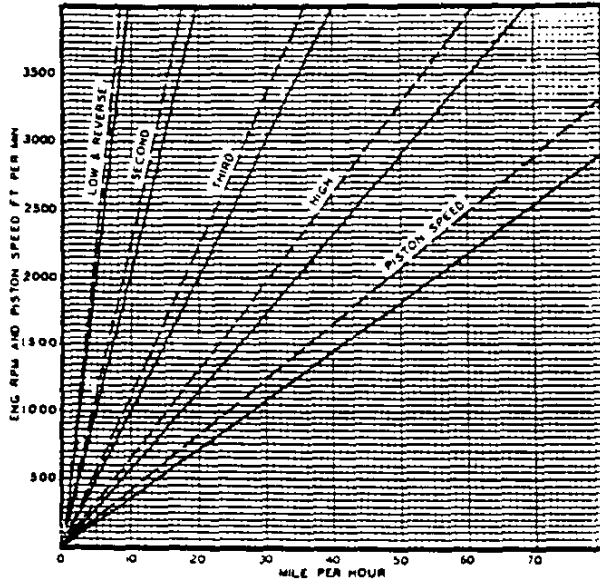
CONVENTIONAL HEAVY DUTY & CAB-OVER-ENGINE TRUCKS
SCHOOL BUSES

4-SPEED TRANSMISSION WITH CONVENTIONAL REAR AXLE

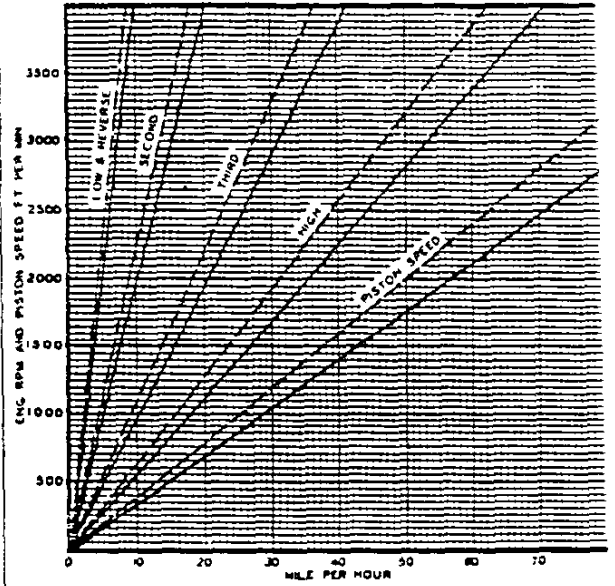
REAR AXLE RATIO, 6.43 to 1 ————

REAR AXLE RATIO, 6.17 to 1 - - - - -

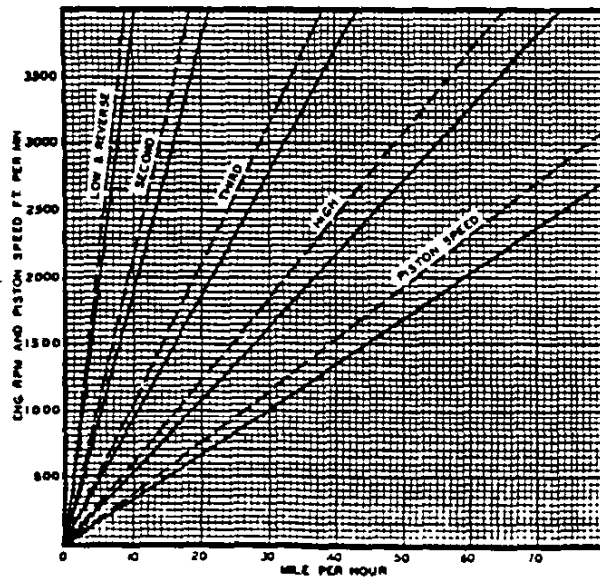
6.00-20, 6 PLY TIRES
30 x 6, 6 PLY TIRES



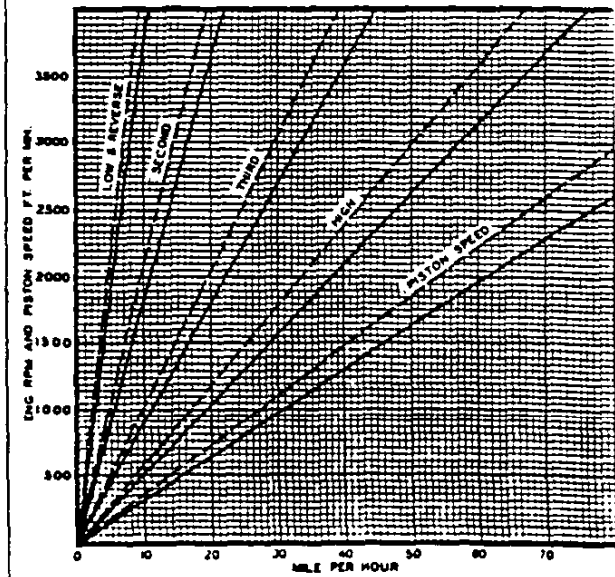
32 x 6, 8 PLY TIRES
6.50-20, 6 PLY TIRES



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



7.50-20, 8 PLY TIRES



CONTINUED

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

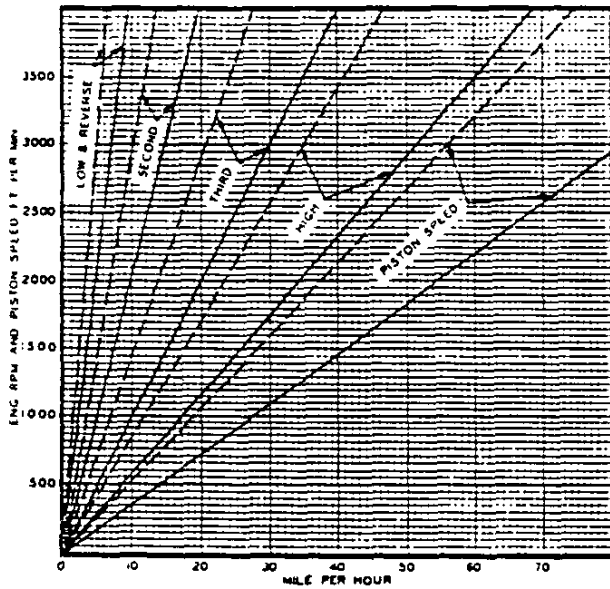
CONVENTIONAL HEAVY DUTY & CAB-OVER-ENGINE TRUCKS

4-SPEED TRANSMISSION WITH RPO 2-SPEED REAR AXLE

HIGH SPEED GEAR RATIO, 5.64 to 1 _____

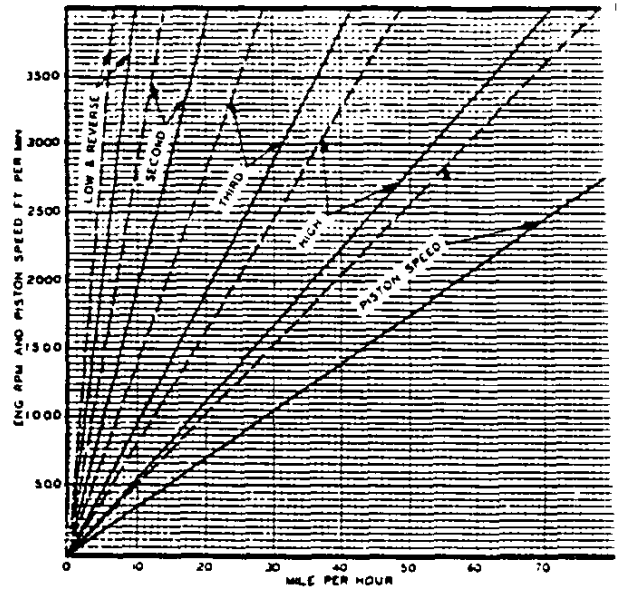
LOW SPEED GEAR RATIO, 2.22 to 1 - - - - -

32 x 6, 8 PLY TIRES

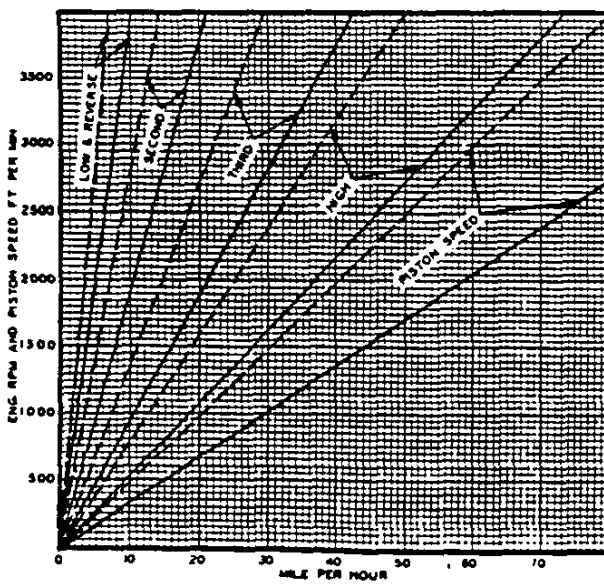


32 x 6, 10 PLY TIRES

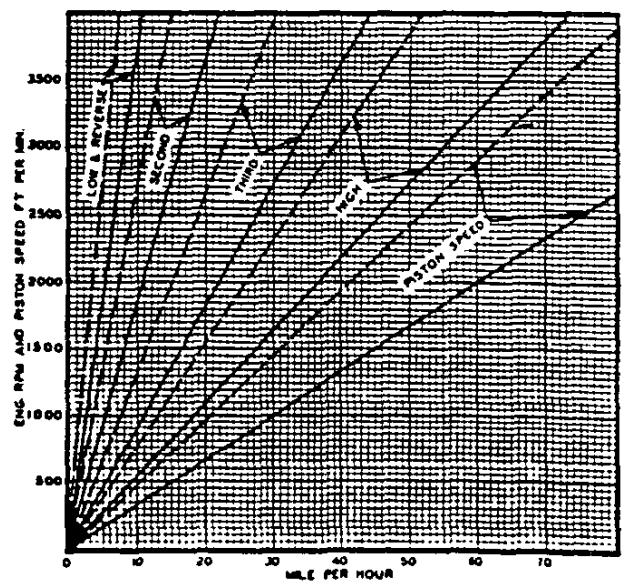
7.00-20, 8 PLY TIRES



7.50-20, 8 PLY TIRES



34 x 7, 10 PLY TIRES

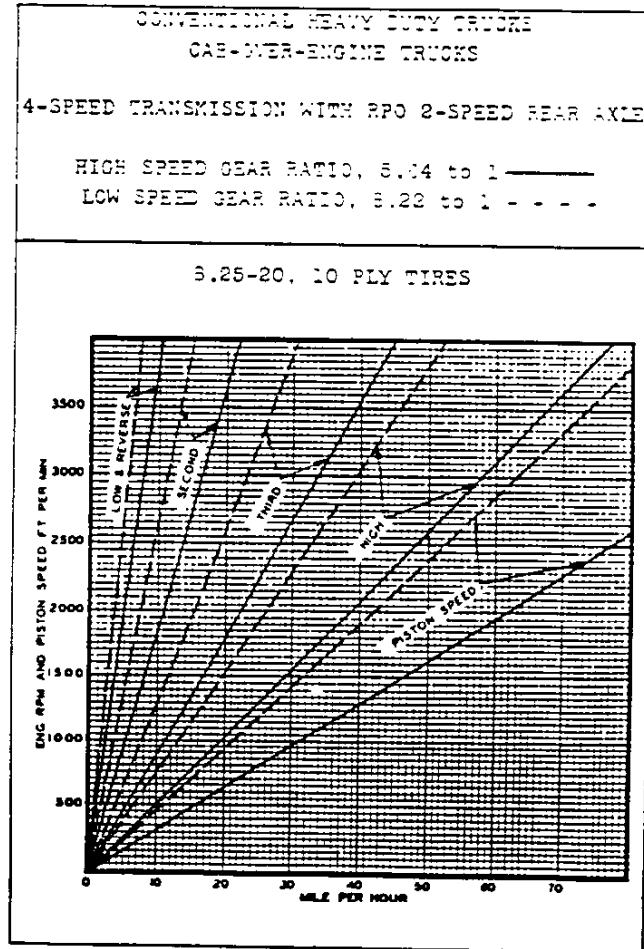


11-10-39

CONTINUED

CHEVROLET 1940 COMMERCIAL

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

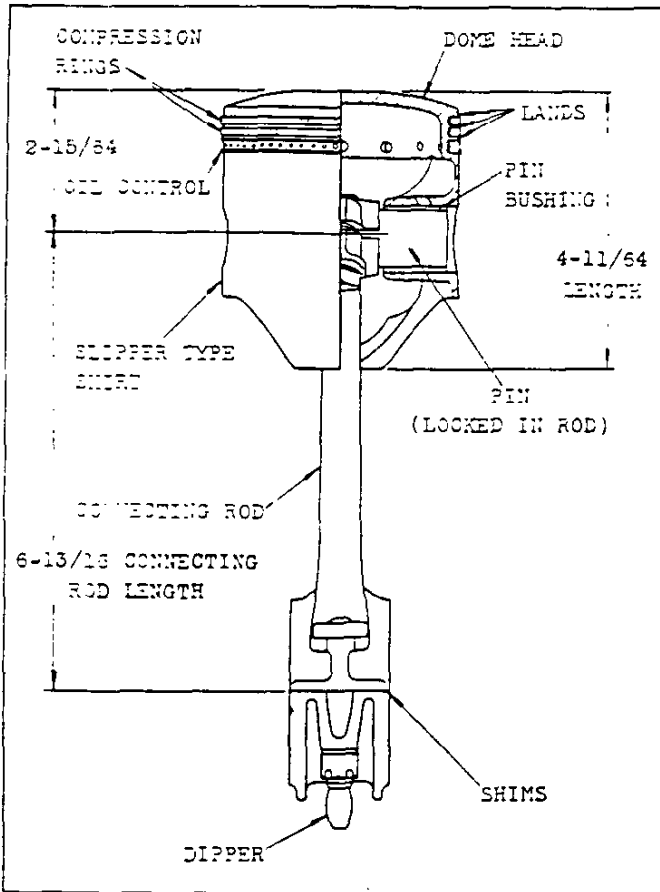


11-10-39

CHEVROLET 1940 SPECIFICATIONS

ENGINE—40

PISTONS



PISTONS	
Type	Slipper skirt, dome
Material	Cast gray iron, tin pl
Dia. clearance at lands .....	.0147"-.01
Compression ring groove depth .....	.181"-.1
Dia. clearance at skirt .....	.0017"-.00
Oil ring groove depth .....	.175"-.1
Oil ring groove holes	14. 5/32" dia
Side wall min. thick.-Pass. & Conn. ....	.0347"-.044
	-Trucks & SB ... .046"-.05
Head thickness .....	.161"-.17
Pin bushings-type	Pressed in pist
-material	Cast iron
-O.D. ....	.985"-.98
-length (each)	15.1
-finish	Diamond
-weight (each) .....	.05
Weight of piston & bushing-Pass. & Conn. cars	1.6
	-Trucks & SB ... 1.6
Weight of piston, bushings, rings, pin and con.	
rod upper end x 6-Pass. & Conn. cars ...	14.4
	-Trucks & SB ... 15.0

PISTON PINS	
Material	Chromium steel-file hard ca
Diameter .....	.9545"-.955
Length	3.135"-3.138
Taper limit in full length .....	.0005
Weight (each) .....	.35
Clearance in bushing	Slip fit

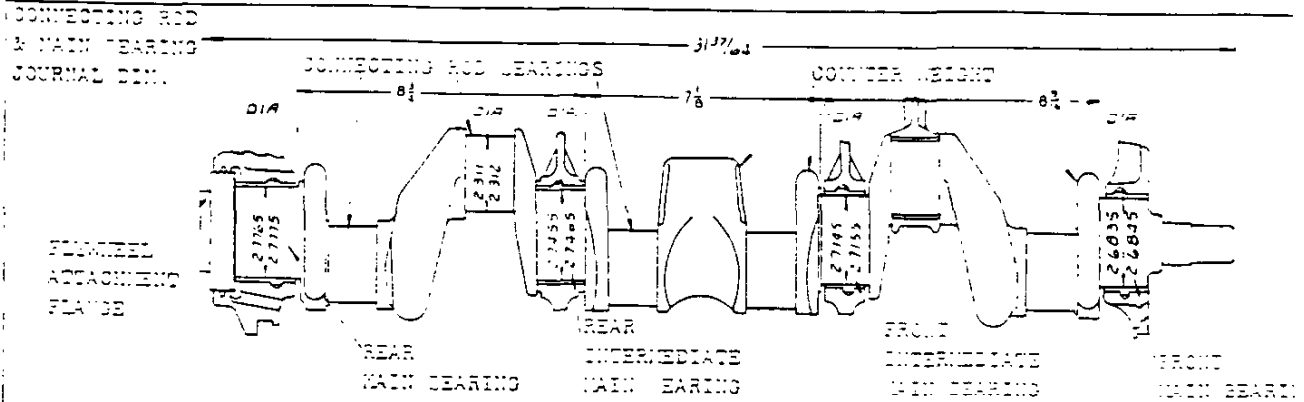
PISTON RINGS	COMPRESSION	OIL CONTROL
Material	Cast gray iron	
Type	Plain	Drilled or slotted
Number	2	1
Arrangement	Upper two rings	Under compression rings
Width	.1235"-.1240"	.1860"-.1865"
Wall thickness	.155" max.	.155" max.
Gap clearance	.005"-.015"	.005"-.015"
Ring clearance in groove	.0015"-.003"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

CONNECTING RODS

Type	Pin clamped in rod	Lower end bearing area-
Material	Drop forged steel	Projected
Crank pin diameter	2.311"-2.312"	Circumferential
Crank pin length	1.4985"-1.5015"	Shims-type & material ...
Width at piston pin	1-1/8"	Aluminum alloy & brass
Lower end brg.-type	Centrifugally cast	Weight conn. rod. assy.(each)
-diameter	2.3130"-2.3135"	Upper end (each)
-length (effective)	1-5/16"	Lower end (each)
-material	Rabbitt	Total rotating weight (lower end x 6)
-finish	Diamond bore	Connecting rod assembly center of gravity from
-clearance on dia. ....	.001"-.0025"	wrist pin center
		Connecting rod end play

11-10-39

CRANKSHAFT



GENERAL DATA

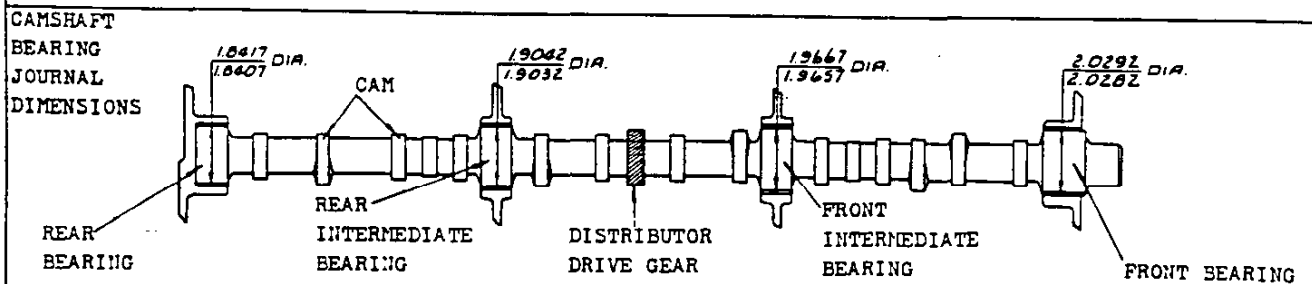
Bearings 4
 Counterweights 7
 Material Drop-forged steel
 Weight 55#
 Offset None
 End play004"-.007"
 Harmonic balancer type Oscillating
 Crankshaft pulley dia. 6-1/32"
 Crank pin journal width 1.4985"-1.5015"

MAIN BEARINGS

Type Removable
 Material Steel-backed babbit
 Clearance002"-.004"
 Thrust taken Rear intermediate bearing
 Total bearing area:
 Projected 13.41 sq.in.(11.89 sq.in.eff.)
 Circumfer'1 42.15 sq.in.(37.35 sq.in.eff.)
 Shim-type Solid
 -material Alloy aluminum & brass

MAIN BEARING SIZES	FRONT	FRONT INTERMEDIATE	REAR INTERMEDIATE	REAR
Inside diameter	2.6865"-2.6875"	2.7175"-2.7185"	2.7485"-2.7495"	2.7795"-2.7805"
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"	1-29/32"

CAMSHAFT



GENERAL DATA

Material Drop-forged steel
 Drive type Gear
 Drive gear material Bakelite & fabric comp.
 Crankshaft gear material Steel
 End play Free - .003" max.
 Camshaft ramp011" inlet, .014" exh.

CAMSHAFT BEARINGS

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

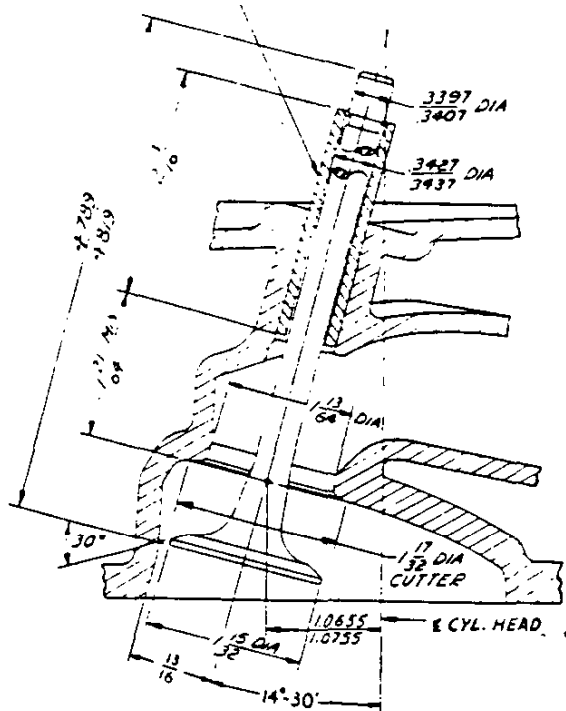
CAMSHAFT BEARING SIZES	FRONT	FRONT INTERMEDIATE	REAR INTERMEDIATE	REAR
Material	Steel-backed babbit			
Inside diameter	2.0307"-2.0317"	1.9682"-1.9692"	1.9057"-1.9067"	1.9432"-1.9442"
Total length	1-1/8"	15/16"	15/16"	15/16"

11-10-39. 12-27-39; Oil thrower groove clearance removed.

VALVES

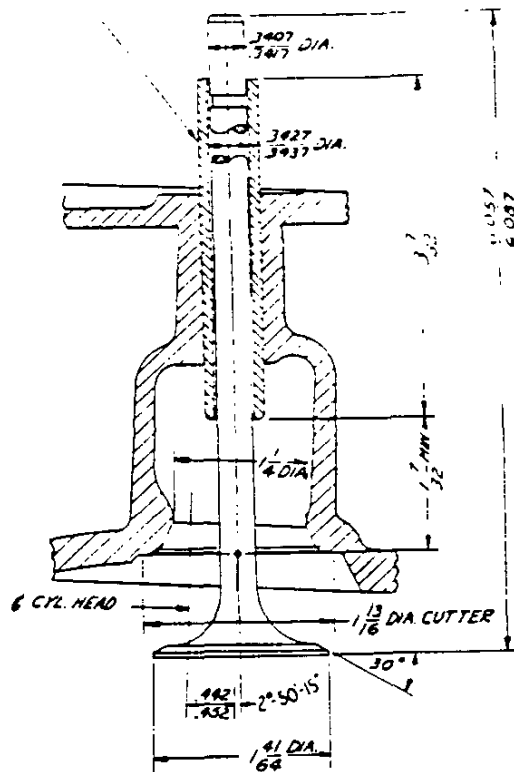
EXHAUST VALVE

VALVE STEM GUIDES
REMOVABLE.
CLEARANCE WITH STEM
.002-.004



INLET VALVE

VALVE STEM GUIDES
REMOVABLE.
CLEARANCE WITH STEM
.001-.003



Distance between valve centers measured along centerline of engine = 1-23/32"

VALVE DATA

Valve material Extruded steel
Valve stem end style Grooved for cup and cone
Valve lift-Exhaust3118"
-Inlet2947"

VALVE SPRING LENGTH & PRESSURE

Valve closed 1-13/16" long @ 54#
Valve open 1-1/2" long @ 125#

VALVE SEAT

Material Cast alloy iron (cylinder head)
Cooling Jets of water under pressure
Seat width in head-Exhaust062"-.093"
-Inlet035"-.060"

CYLINDER HEAD

Type Detachable
Material Cast alloy iron

VALVE ROCKER ARM

Ratio 1.477 to
Bushing-Material Cast bronze
-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"

11-10-39

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.
CRANKSHAFT BEARING lubrication Direct pressure through passages from main bearings.
TIMING GEAR lubrication Gravity feed from camshaft front bearing overflow.
CONNECTING ROD BEARING lubrication .. By individual pressure streams.
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 Permenent lubricated, sealed ball bearings.
 Oil pump type 3
 Oil pump drive From camshaft
 Normal oil pressure 14# @ 3000
 Oil pressure relief valve opens at 1
 Oil cleaner type Screen with by-pass on intake side of oil pump.
 Oil drain type Plug in rear of oil
 Crankcase ventilator type Suct
 Oil filler Combined with ventilator
 Oil screen size ... 20 mesh x .015 berne steel w
 Oil level gauge type 1
 Oil pan capacity (dry) 5-1.2 quarts
 Oil pan capacity (for refill) 5 quarts

COOLING SYSTEM

ITEM	PASSENGER & COMMERCIAL CARS		TRUCKS & SCHOOL BUSES			
	SPECIAL DELUXE MASTER DELUXE	MASTER 55	LT. DEL., 3/4T & 3/4 TSS	CHD, SB & 3/4 TSL ■	COE	
Cooling system capacity	14 quarts *				15-1/2 qts	
Radiator core	Make and type	Harrison, ribbed cellular				
	Material	All copper				
	Size	.222" x .556" x 2"	.25" x .556" x 2"	.25" x .560" x 2"	.20" x .560" x 2"	.20" x .560" x 2"
	Exp. core area	358.5 sq. in.		405 sq. in.		
	Fan shroud	None				
Radiator hose	Type	Reinforced rubber. Outlet consists of two hose joined by steel tube				
	Location	Inlet	From cylinder head to core			
		Outlet	From core to water pump			
	Size	Inlet	1-1/4" I.D. x 5-5/8" long		1-1/4" I.D. x 6-1/4" 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° - 147° 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	1.393:1				
	Ratio to Eng. Spd.	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	None				
	Bearing	Type	Double row ball, sealed			
		O.D.	1.1806" - 1.1811"			
		Length	1-21/32"			
	Seal	Material	Moulded rubber sealed with rubber cement			
		Adj.	Automatic - By spring tension			

* - The Cab-Over-Engine radiator core is available, with a shroud, as RPO equipment for the 3/4 Ton 3/4 Ton Special, Conventional Heavy Duty and School Buses. When this core is used on these models the cooling system capacity becomes 15 quarts.

11-10-39. 12-27-39; ● - was 75#, ■ - 3/4 TSL added.

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 MIXTURE

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

OCTANE SELECTOR

Type and range Manual, 20° Vernier

FUEL GAUGE

Make AC
 Type Electric

AIR CLEANER

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

CARBURETOR

Make and model Carter W1-420S for all models except COE. Carter B1-447S 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.

R.P.D. AIR CLEANERS

PASSENGER & COMMERCIAL CARS		CHD & SE
Make	AC	
Type	Combined with flame arrester	None
	Combined with flame arrester and oil bath	
	With flame arrester, oil bath and silencer	

FUEL TANK	PASS. & COMM. CARS		TRUCKS AND SCHOOL BUSES							
	Chassis, Spt. Sedan, 4-Pass. Coupe, Town Sed., Cabriolet, Station Wagon	Business Coupe, Coupe Pickup, Sedan Delivery	LIGHT DELIVERY	3/4 T & 3/4 TSS	3/4 TSS, CHD, LSB*	COE	SSE			
			Chassis, & Cowl, Panel, Canopy Express, Carryall Suburban	Chassis & Cab, Pickup	Chassis & Cowl, Panel	Chassis & Cab Stake, Pickup	Chassis & Cowl, Pickup	Chassis & Cab, Pickup, Panel, Canopy Express, Stakes	Chassis, Cowl & Wind-shield, Chassis & Cab, Stakes	Chassis & Cowl
MOUNTING	Suspended in chassis at rear between side rails.	Clamped to underbody below floor just behind seat.	Clamped to inside right side rail ahead of rear fender.	Clamped to cab floor under seat.	Clamped to inside right side rail ahead of rear fender.	Clamped to cab floor under seat.	3-point mounting to frame at seat position.	Clamped to body floor under seat.	Clamped to outside right side rail to rear of cab.	Clamped to outside right side rail.
TYPE	Two stamped pans, seam-welded together									
CAPACITY	16 gallons	18 gallons	16 gallons	18 gallons						20 gal.
FILLER LOCATION	Outside on right rear fender.	Outside ahead of right rear fender.	Outside behind right side door.	Outside at cab rear corner.	Outside behind panel right door.	Outside at cab right rear corner.	At right side of chassis.	Outside behind right side door.	At right side of chassis.	At right side of chassis.

EXHAUST SYSTEM

ITEM	PASSENGER AND COMMERCIAL CARS	TRUCKS & SCHOOL BUSES
Muffler type	Diffusion and resonance (5 tube reverse flow)	
Size	Baffle	
Muffler mounting	5-1/16" x 7-5/16" (oval) x 18" long (Cabriolet 16" long)	
Exhaust pipe diameter	5" dia. x 20-1/2" long	
Tail pipe diameter	Single point rubber	
	Single point	
	1-7/8"	
	1-3/4"	
	1-1/2"	

11-10-39. 12-27-39; * - 3/4 TSL added.

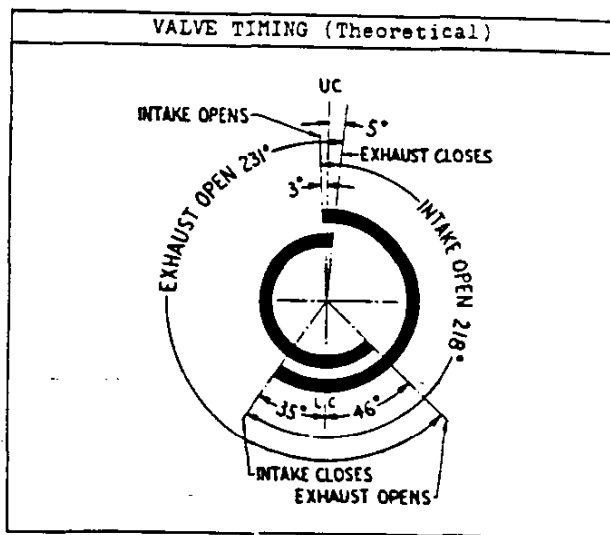
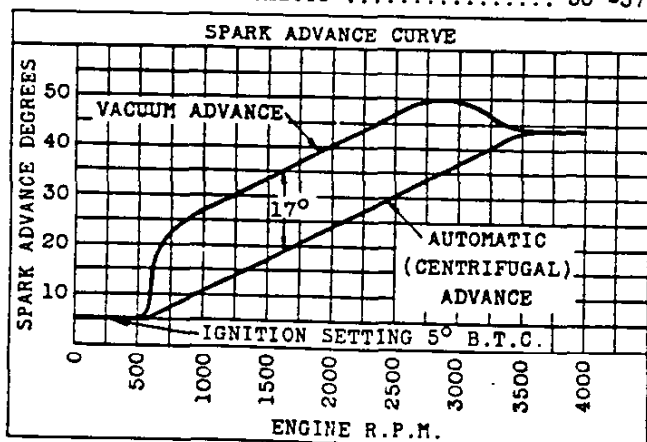
ENGINE ELECTRICAL SYSTEM

GENERATOR	PASS. COMM. CARS			TRUCKS AND SERVICE VEH.				
	SPEC. DEL. MAS. DEL.	MASTER 55	LIGHT DELIVERY	3/4 TON	3/4 TON SPECIAL	SPECIAL DIE-INT-ENGINE	SPECIAL SPECIAL	SPECIAL SPECIAL
Make	Delco-Remy							
Model and type	#110052-3800							
Rated voltage	24							
Ventilated by	Fan built into generator pulley							
Driven by	7" belt							
Generator pulley	Type	38"						
	Diameter	3-11.30"						
Speed ratio-generator to engine	1.55:1							
Generator RPM per MPH	93.5	94.5	93.5	100.5	91	103.5	97	107
Maximum charging rate-cold 72° F.	Amperes	35-40						
	Voltage	7.3 - 7.7 *						
	RPM (Gen.)	2400						
	Car speed MPH	25.5	26.5	26.5	24	26.5	23	20
Maximum charging rate-hot 150° F.	Amperes	34-36						
	Voltage	7.2 - 7.4 ‡						
	RPM (Gen.)	2400						
	Car speed MPH	25.5	26.5	26.5	24	26.5	23	20
Thermostat	None							
Field fuse	None							
Voltage & current reg. type	Vibrator							
Brush tension	14-18 oz.							
Rotation (Drive end)	Clockwise							
Bear-ings	Commutator end	Bronze bushing						
	Drive end	Ball						
Cut-out	Voltage at closing	6.2-6.7 †						
	Armature speed	500 RPM						
	Car speed at closing MPH	8.5	9.5	8.5	8	9	7.5	7
	Amperes to open	0-3						

IGNITION

Type Separate units, high tension distributor ground return system
 Distributor part number Delco-Remy #1110052
 Current source Generator
 Spark control type Full automatic
 Spark advance-vacuum 17°
 -automatic 30°-37°

Timing spark advance 5° B.T.C.
 Firing order 1-5-3-6-2
 Distributor interrupter point opening .018"-.02
 Distributor bearings material Cast iron



11-10-39. 12-27-39; * - was 7.55-7.85, ‡ - was 7.45-7.55, † - was 6.4-6.8

ELECTRICAL SYSTEM—Continued

IGNITION - Continued

Ignition lock type Armored cable
 from coil to dash and lock switch
 Condenser make Delco-Remy
 Coil no. & location 1653255 Engine right side
 Coil amps. drawn - Engine stopped 4.0
 - Engine idling 3.6
 Spark plug make and size AC 44
 - thread size 14 mm.
 - recommended gap040"

STARTING MOTOR

Make Delco-Remy
 Model 1107363
 Type of drive Mechanical
 Rotation (commutator end) Counter-clockwise

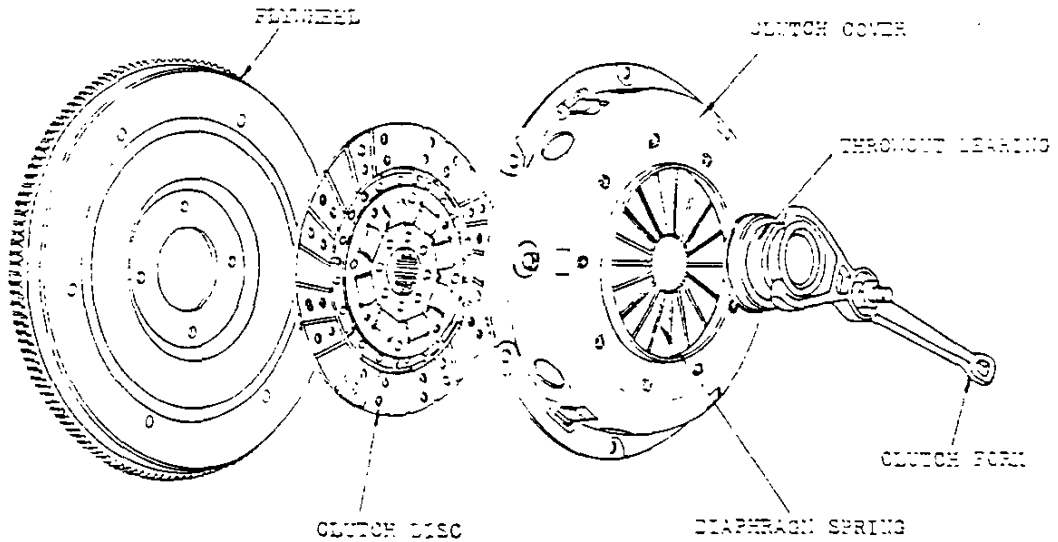
Bearings-commutator end Cast In
 -drive end .. Graphite lubricated bush
 Lock test-amperage draw 6.
 -volts 3
 -torque 12 ft.-lb.
 No load test-amperage draw 1.
 -volts 3
 -RPM 500
 Pinion meshes On front of flywheel
 Pinion teeth
 Flywheel teeth 21
 Pinion to flywheel ratio 18.44
 Normal engine cranking speed 68 RPM
 Starter Direct foot-actuated control
 Starter to throttle connection Lug on control
 shaft engages accelerator shaft. Pass. cars only

POWER PLANT MOUNTINGS

PASSENGER & COMMERCIAL CARS	LIGHT DELIVERY	3/4 T, 3/4 TS, CHD, COE, & SB
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	

11-10-39. 12-27-39; * - was 3500.

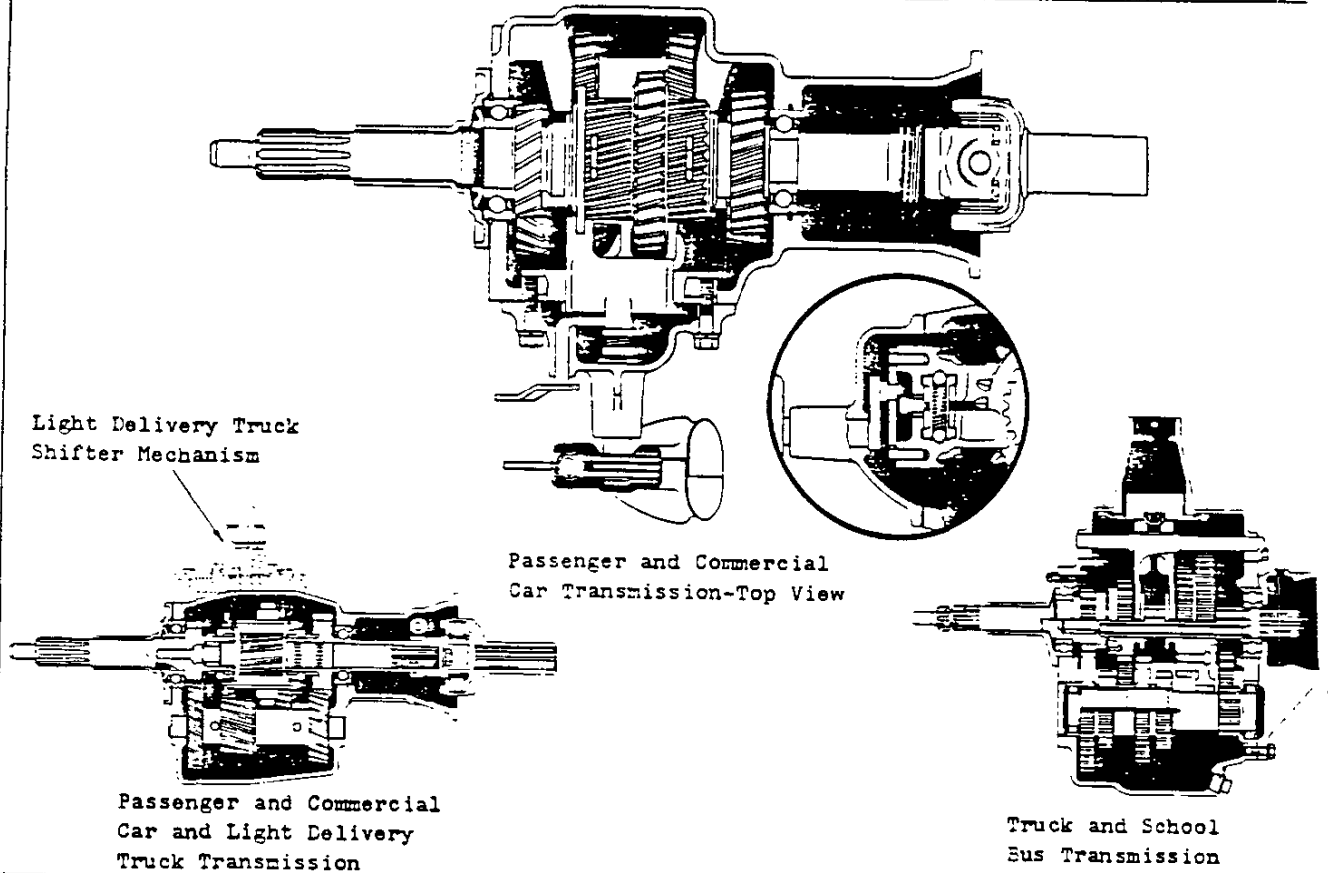
CLUTCH



ITEM		PASSENGER AND COMMERCIAL CARS	TRUCKS & SCHOOL BUSES LIGHT DELIVERY	3/4 T, 3/4 TS, CHD, SB & COE	
Type	Single dry plate				
Rated torque capacity	192 ft.lb.				
Spring	Number and type	Single - Diaphragm			
	Pressure	1100#-1250#			
	Material	Spring steel - Heat treated			
	Pressure levers	16 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.	9-1/8" - 6-1/8"	10-3/4" - 7"	
Area		71.86 sq.in.	104.6 sq.in.		
	Thickness	.132"-.133"	.137"-.143"		
Bearings	Throwout	Type	Special ball - mounted on sleeve		
		Lubrication	Packed for life		
	Pilot	Type	Hyatt Roller 142655		
		Lubrication	Packed for life		
Controls	Clutch fork - type	Drop forged-pivot mounted on ball			
	Pedal mounting	On brake main cylinder	On clutch housing		
Flywheel	Material	Cast Iron			
	Weight (with ring gear)	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		

11-10-39

TRANSMISSION



ITEM		PC, CC, LT. DEL., 3/4 T & 3/4 TS	CHD, COE & SB		
Transmission location		In unit with engine			
Type		Selective synchro-mesh	Conventional		
Shift type		Standard H			
Number of speeds		3 forward, 1 reverse	4 forward, 1 reverse		
Gears, type		Helical @	Spur		
Synchronous meshing gears		Second and third	None		
Torque capacity		192 ft.lb.			
Gear ratios	First	2.94	7.226		
	Second	1.68	3.478		
	Third	Direct	1.711 -		
	Fourth	None	Direct		
	Reverse	2.94	7.148		
Bearings or Bushings	Reverse idler bushing	No. & Mat'l	Two-bronze	Two-brass	
		Size	.7515"-.7525" I.D. x 11/16"*	.8772"-.8782" I.D. x 1-7/16"*	
	Main shaft bearing	Front	Hyatt #590752	Hyatt #141854	
		Rear	N.D. #954168	N.D. #903307	
	Counter shaft brg. or bushing	Material	Bronze	Steel	
		Size or part no.	Front .8772"-.8782" I.D. x 1-3/16"*	Hyatt #142260	
	Clutch gear brg. part no.	Rear	.8772"-.8782" I.D. x 1-3/16"*	Hyatt #121856	
		Material	N.D. #954141	N.D. #903209	
	Second speed gear bearing	Main 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. @ - Gears case hardened on 3/4 T & 3/4 TS and RPO on Light Delivery.

11-10-39

TURNING DIAMETERS

MODEL	"1"		"2"		
	RIGHT	LEFT	RIGHT	LEFT	
Pass. C	SD & MD	37.8"	38.8"	41.7"	42.
Comm. Cars	Master 66	39.8"	39"	41.8"	42.
Trucks	Light Delivery	39.8"	40.2"	41.8"	42.
	3/4 Ton	43"	43.7"	45.3"	45.
School	3/4 TSD	49"	47.3"	48.3"	49.
Buses	3/4 TSD	44.3"	44.8"	45.8"	47.
Conv.	133" W.D.	49"	55.3"	51.5"	55.
	158-1/2" W.B.	53.3"	55.7"	51.7"	52.
	167-3/8" W.B.	49.3"	49.3"	43.3"	42.
COE	131-1/8" W.B.	47.4"	46.9"		
	158-5/8" W.B.	57.7"	53.3"	49.3"	56.
	158-1/2" W.D.	52.2"	51.7"	51.7"	51.
SE	133-5/8" W.B.				

STEERING GEARS

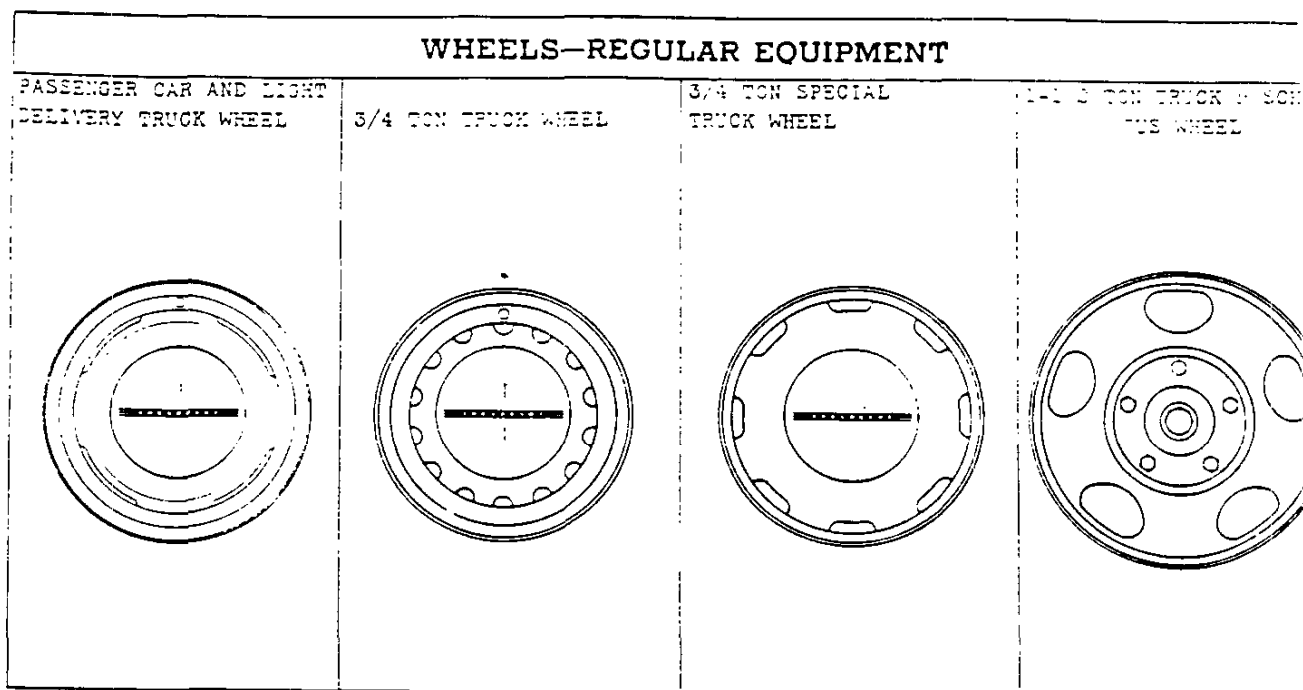
SECTOR TYPES	SECTOR MOUNTING

ITEM	PASS. & COMM. CARS		TRUCKS & SCHOOL BUSES			
	SD & MD	85	LT. DEL., 3/4 TON, 3/4 TS, CHD. & SB	COE		
Steering gear type	Semi-reversible					
Steering gear ratio	17-1/2:1	19:1	16:1	17:1		
Bearings & sector brg.	Special tapered roller #261866					
Bushings	Steering worm bearing	Roller	Type	Ball	Needle	None
	Pitman shaft bushings	Material	Bimetal	Cast bronze		
Steering Wheel	Type	Three-spoke*		Four-spoke		
	Material	Hard rubber and steel				
Diameter	17-1/4"		17"		18"	
Main shaft diameter	3/4"		1"			
Column diameter	1-1/2"		1-3/4"			
Pitman shaft diameter	1-1/8"		1-1/4"			

* - T-spoke type on Special Deluxe.

11-10-39. 12-27-39; 3/4 TSL turning diameter added.

WHEELS—REGULAR EQUIPMENT



TIRES AND WHEELS AVAILABLE

MODEL	SIZE	FRONT LOAD PER TIRE AT MIN. PRES.	REAR				WHEEL RIM SIZE	WHEEL OFFSET	DIS THIC AT HUB
			LOAD PER TIRE	RECOM-MENDED PRESSURE	LOADED RADIUS ROLLED	LOADED REVS. /MILE			
SD	5.00-16-4 Ply, Reg.	875#-26#	915#	25#	13.52"	746	15 x 4.00E	9/16"	
MD	5.00-16-6 Ply, RPO	915#-25#	955#	30#	13.53"	745	16 x 4.00E		
85	5.50-18-4 Ply, RPO	880#-28#	940#	30#	14.26"	707	18 x 4.00F		
LIGHT DELIV-ERY	6.00-16-4 Ply, Reg.	915#-28#	990#	32#	13.52"	746	16 x 4.00E	9/16"	
	6.00-16-6 Ply, RPO	955#-30#	1130#	40#	13.53"	745	16 x 4.00E		
	5.50-18-4 Ply, RPO	970#-28#	1050#	32#	14.26"	707	18 x 4.00F		
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 TSS & 3/4 TSL	7.00-17-6 Ply, Reg.	1000#-35#	1550#	45#	15.41"	654	17 x 6 (4.33R)	9/16"	
3/4 TSL	7.50-17-8 Ply, RPO	1000#-35#	1950#	55#	15.80"	638	17 x 6 (4.33R)		
3/4 TSL	7.00-17-8 Ply, RPO	1000#-35#	1725#	55#	15.41"	654	17 x 6 (4.33R)		
HEAVY DUTY (See page 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"	5/16"
	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 5 (3.75P)		
	32 x 6-8 Ply	1300#-60#	1950#	75#	16.14"	625	20 x 5 (3.75P)		
	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#	50#	16.82"	600	20 x 6 (4.33R)		
	7.50-20-8 Ply	1400#-45#	2200#	55#	17.33"	551	20 x 6 (4.33R)		
34 x 7-10 Ply	Not used	2800#	85#	17.95"	565	20 x 7 (5.00S)	4-1/2"	7/16"	
8.25-20-10 Ply	Not used	2650#	60#	18.20"	554		5-1/4"		

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.

11-10-39. 12-27-39; 7.00-17-8 ply tire added.

TIRE COMBINATIONS-HEAVY DUTY TRUCKS								
REAR		FRONT						
		6.00-20-6 Regular	6.50-20-8 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.					
	7.00-20-6 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.			
	6.00-20-6 ply R.P.O.	Regular						
D U A L	6.50-20-8 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.			
	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.O.	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.O.	R.P.O.			
7.50-20-8 ply R.P.O.	R.P.O.	R.P.O.	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.
6.25-20-10 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 14.

11-16-39

BATTERY AND LIGHTS

ITEM		PASS. & COMM. CARS	TRUCKS & SCHOOL BUSES					
		SD-MD-85	LT.DEL.	3/4T	3/4TS	CHD	COE	LSB	SSB
Battery	Make and model	Delco 15X1						Delco 136
	Length	9"						10-3/8"
	Width	7"						"
	Height	8-3/16"						
	Volts and hr. capacity	6, 100 amp.						6, 135 ar
	Charging rate	7 amps.						
	Cell arrangement	Three, side to side						
	No. of plates per cell	15						19
Terminal grounded	Negative							
Location	Under hood	Frame, right side						
Head-lamps	Type and location	Sealed beam. Mounted on top of fenders						
	Sealed beam unit dia.	7.032" max. (Lens diameter, 8-11/16")						
	Bulb	Type	Two filament					
		Watts	45 upper beam - 35 lower beam					
	Dimmed by	Depressed beam operated by foot switch						
	Beam indicator	Size & c.p.	#51, 1					
No used		One						
Parking lamps	Location [▲]	On fenders				**	On fenders	
	Bulb size and c.p.	#63, 3						
Tail and stop lamp	Number used	Two on all body types except Stw and Sedan Delivery which have one	One					
	Type	One bulb per lamp	Two bulbs per lamp					
	Bulb size and candle power	Tail lamp	All models except Stw. & Sdl. #1154, 3	#63, 3 (also on Stw. and Sdl.)				
		Stop lamp	All models except Stw. & Sdl. #1154, 21	#63, 3 (also on Stw.) (#87, 15 on Sdl.)				
	Stop lamp operation	Hydraulic switch on brake main cylinder						
License lamp bulb size and c.p.	#63, 3		See tail lamp					
Instrument cluster	Number of bulbs	Two						
	Size and candle power	#55, 1-1/2	#55, 1-1/2 except flat face cowl. Flat face cowl #51, 1			#51, 1		
Ignition lock lamp	Bulb size	#51		#55				
	Candle power	1		1-1/2				
Glove comp. bulb size and c.p.	#55, 1-1/2-SD, 85 Stw		None					
Clock bulb size and c.p.	New Haven #51, 1 Westclock #55, 1-1/2 All SD & 85 Stw.		None					
Dome lamp	Used in	All except Stw.	Carryall and Panels					
	Bulb size	#81	#87-Carryall; #81-Panels					
	Candle power	6	15-Carryall; 6-Panels					
	Switch location	At right hand door pillar on all Spec. Deluxe except Cpes. On lamp on all Mas. Deluxe, Mas. 85 and Coupes.	To rear of left hand door pillar					
			None					
Fuse	Type and amps.	SFE 30						
	Location	On light switch						
Horn	Make and type	Delco-Remy, vibrator						
	Number used	Two	One					
	Ampere draw	12 per horn		10				
	Location	Behind rad. grille	Left side of engine on intake manifold					

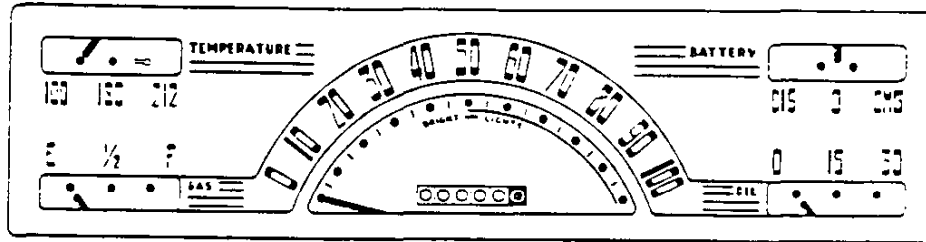
* - The regular battery on the SSB is RPO equipment on the LSB.

** - Parking lamps for COE models are on top of the headlamps.

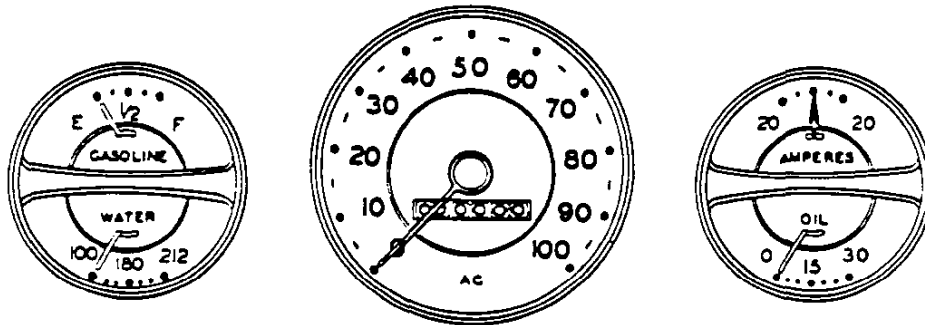
11-10-39. 4-1-40; ▲ - Corrected for COE and LSB.

INSTRUMENTS

MAKE: AC. TYPE: Fuel gauge and battery charge indicator are the electric type; heat indicator and oil gauge are the pressure type. The speedometer is driven by a flexible shaft.
 PASSENGER & COMMERCIAL CARS, & TRUCKS (Except FLAT FACE COWL CHASSIS)



TRUCKS - FLAT FACE COWL CHASSIS
 SCHOOL BUSES



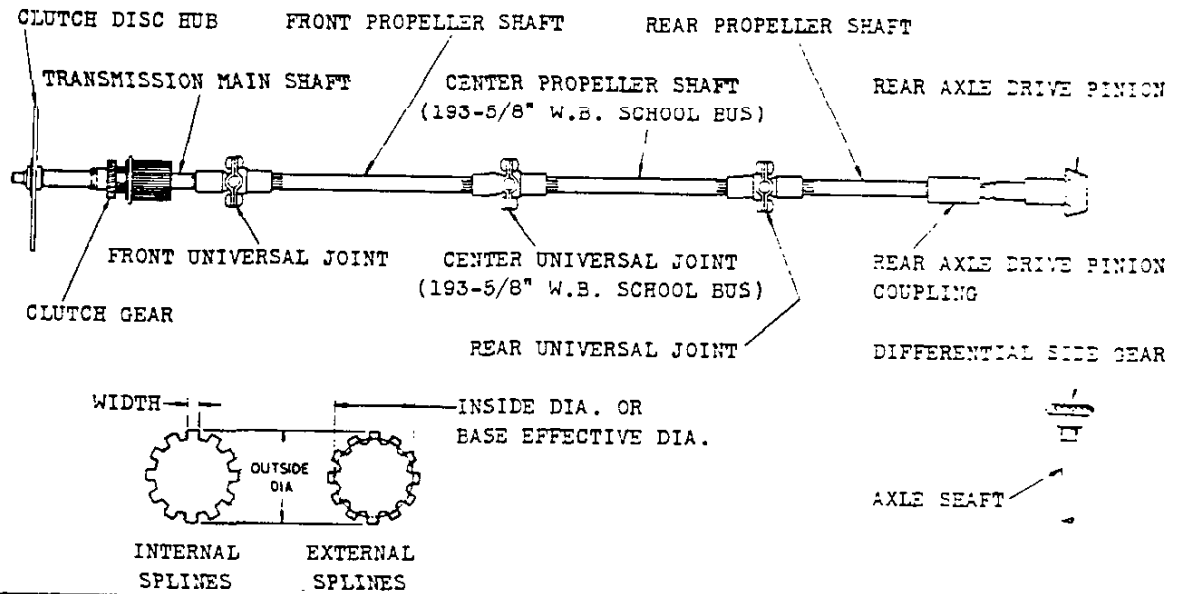
TOOLS

ITEM	PASSENGER AND COMMERCIAL CARS	TRUCKS & SCHOOL BUSES			
		LT. DEL.	3/4 TON	3/4 TS	CHD, COE, SB
Jack	Type or capacity	Bumper - 1500#	2500#	3000#	5500#
	Raised height	Adjustable	14-1/16"	15-1/8"	16"
	Lowered height	Adjustable	8-1/16"	6-1/2"	7"
Tire iron	None				Yes
Starting crank	None		Yes		
Wrenches	Spare tire lock	None		Yes*	
	9" adjustable				
	Open end				
	Spark plug				
	Wheel				
6" rd. shank screw driver					Yes
Jack handle					
combination pliers					
10 oz. ball peen hammer					

* - On Canopy Express only.

11-10-39

SPLINES

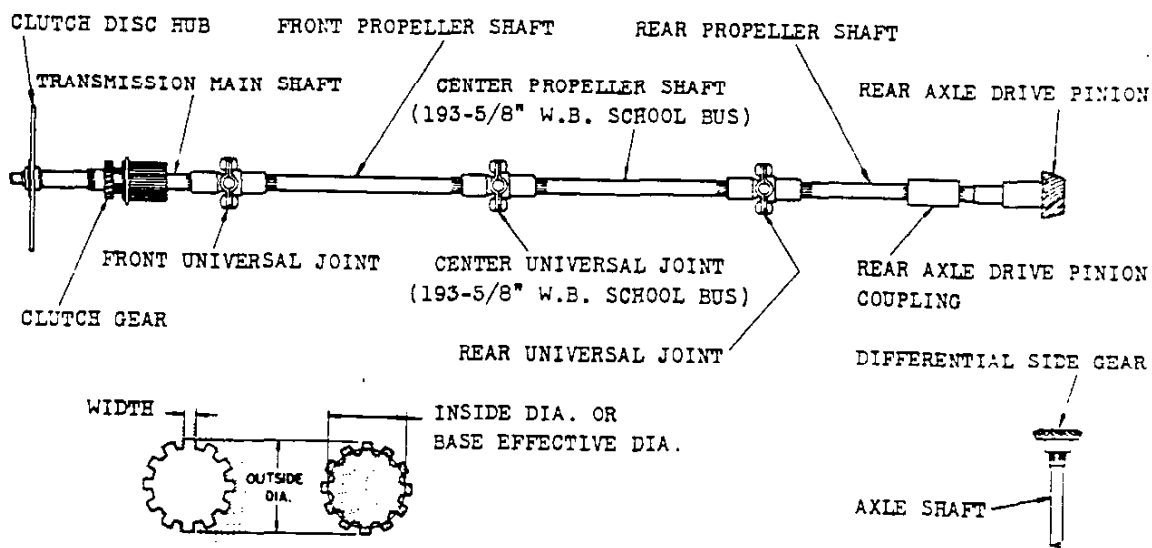


UNIT	USED IN	INTERNAL SPLINES		EXTERNAL SPLINES	
		INTERNAL	EXTERNAL	INTERNAL	EXTERNAL
Clutch disc hub and transmission clutch gear shaft	USED IN	PC, CC & LCT		CHD, SB & COE	
	Width	.174 - .176	.1705 - .1725	.174 - .176	.1705 - .1735
	Inside dia.	.920 - .925	.918 max.	.920 - .925	.918 max.
	Outside dia.	1.134 - 1.144	1.110 - 1.121	1.134 - 1.144	1.110 - 1.121
	No. splines	10		10	
Transmission mainshaft and front U joint front yoke	USED IN	PC, CC & LCT		CHD, SB, COE & LCOE	
	Width	.1473 - .1483	.1458 - .1473	.214 - .215	.2120 - .2135
	Inside dia.	.890 - .891	.863 - .863	1.184 - 1.186	1.177 max.
	Outside dia.	1.003 - 1.017	.973 - .980	1.380 - 1.388	1.355 - 1.365
	No. splines	10		10	
Transmission mainshaft and front U joint front yoke	USED IN	107-5/8" W.B. COE			
	Width	.2120 - .2135	.2120 - .2135		
	Inside dia.	1.182 - 1.187	1.177 max.		
	Outside dia.	1.374 - 1.377	1.355 - 1.365		
	No. splines	10			
Front propeller shaft front end and front U joint rear yoke	USED IN	PC, CC & 1/2T		3/4T, 3/4TS, CHD, SB & COE	
	Width	.0951 - .0961	.0921 - .0941	.1990 - .2015	.195 - .199
	Inside dia.	.993 - .997	.962 - .970	1.1145 - 1.1195	1.0515 - 1.0605
	Outside dia.	1.0835 - 1.0935	1.0642 - 1.0657	1.306 - 1.321	1.274 - 1.284
	No. splines	17		10	
Front propeller shaft front end and front U joint rear yoke	USED IN	107-5/8" W.B. 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		
	No. splines	16			
Front propeller shaft rear end and rear U joint front yoke	USED IN	3/4T, 3/4TS, CHD, & COE			
	Width	.214 - .215	.2120 - .2135		
	Inside dia.	1.184 - 1.186	1.177 max.		
	Outside dia.	1.380 - 1.388	1.355 - 1.365		
	No. splines	10			
Front propeller shaft rear end and center U joint front yoke	USED IN	193-5/8" W.B. SCHOOL BUS			
	Width	.214 - .215	.2120 - .2135		
	Inside dia.	1.184 - 1.186	1.177 max.		
	Outside dia.	1.380 - 1.388	1.355 - 1.365		
	No. splines	10			

CONTINUED

11-10-39

SPLINES—Continued



UNIT		INTERNAL SPLINES		EXTERNAL SPLINES	
		INTERNAL	EXTERNAL	INTERNAL	EXTERNAL
Center propeller shaft front end and center U joint front yoke	USED IN	193-5/8" W.B. SCHOOL BUS			
	Width	.214 - .215	.2120 - .2135		
	Inside dia.	1.184 - 1.186	.177 max.		
	Outside dia.	1.380 - 1.388	1.355 - 1.365		
	No. splines	10			
Center propeller shaft rear end and rear U joint rear yoke	USED IN	193-5/8" W.B. SCHOOL BUS			
	Width	.1990 - .2015	.196 - .198		
	Inside dia.	1.1145 - 1.1195	1.0515 - 1.0605		
	Outside dia.	1.306 - 1.321	1.283 - 1.284		
	No. splines	10			
Rear propeller shaft front end and rear U joint rear yoke	USED IN	3/4T & 3/4TS		CHD, SB, MCOE & LCOE	
	Width	.0951 - .0961	.0912 - .0941	.1990 - .2015	.196 - .198
	Inside dia.	.993 - .997	.962 - .970	1.1145 - 1.1195	1.0515 - 1.0605
	Outside dia.	1.0835 - 1.0935	1.0642 - 1.0657	1.306 - 1.321	1.283 - 1.284
	No. splines	17		10	
Propeller shaft rear end coupling and rear axle drive pinion shaft	USED IN	PC, CC & LCT		CHD, SB, MCOE & LCOE	
	Width	.0951 - .0961	.0931 - .0951	.1995 - .2005	.201 - .2035
	Inside dia.	.993 - .997	.965 - .973	1.1115 - 1.1195	1.0535 - 1.0625
	Outside dia.	1.0835 - 1.0935	1.064 - 1.066	1.306 - 1.321	1.281 - 1.282
	No. splines	17		10	
Propeller shaft rear end coupling and rear axle drive pinion shaft	USED IN	107-5/8" W.B. COE		107-5/8" W.B. COE-2 SPEED AXLE	
	Width	.302 - .303	.300 - .302	.232 - .234	.232 - .234
	Inside dia.	1.694 - 1.702	1.637 - 1.647	1.288 - 1.290	1.238 - 1.243
	Outside dia.	1.9675 - 1.9755	1.941 - 1.942	1.499 - 1.502	1.4975 - 1.4985
	No. splines	10		10	
Differential side gear and axle shaft	USED IN	PASS. & COMM. CARS		CHD, SB & COE	
	Width	.180 - .183	.178 - .180	.259 - .262	.257 - .259
	Inside dia.	1.039 - 1.044	1.004 - 1.014	1.472 - 1.477	1.440 - 1.450
	Outside dia.	1.186 - 1.193	1.1525 - 1.1575	1.6735 - 1.6785	1.6345 - 1.6445
	No. splines	10		10	
Differential side gear and axle shaft	USED IN	1/2T, 3/4T & 3/4TS		CHD & COE - 2 SPEED AXLE	
	Width	.1144 - .1154	.1124 - .1144	.173 - .175	.170 - .172
	Inside dia.	1.194 - 1.198	1.166 - 1.174	1.612 - 1.617	1.562 - 1.572
	Outside dia.	1.3005 - 1.3105	1.2795 - 1.2845	1.774 - 1.784	1.724 - 1.729
	No. splines	17		16	

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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 - 1.165	2	2	2	2			
		N.D. 909026	Cup-Cone	1.4050-1.4065	3.1491-3.1501	1.216 - 1.233					2		
		@ Hy. 173241	Bar'l R.	1.5625-1.5630	3.1250-3.1256	1.230						2	1
	Outer	N.D. 909001	Cup-Cone	.7498 - .7503	2.0794-2.0805	.698 - .715	2	2	2	2			
		N.D. 909025	Cup-Cone	.8435 - .8440	2.2495-2.2505	.730 - .800					2		
		@ Hy. 173238	Bar'l R.	.9370 - .9375	2.3437-2.3443	.500						2	1
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	1
STEER-ING GEAR	Worm	Chev.261866	Taper R.		1.750 - 1.7505	.373 - .377	2	2	2	2	2	2	2
	Roller	Chev.262605	Ball	.4370 - .4375		1.030 - 1.034							
		Chev.264340	Roller	21 rollers		.077	.940 - .955						
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
TRANS-MIS-SION	Clutch	N.D. 954141	Ball	1.3775-1.3780	2.8340-2.8346	.6643 - .6693	1	1	1	1			
	Gear	N.D. 903209	Ball	1.7712-1.7717	3.3457-3.3465	.7430 - .7480					1	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	1
	Counter Shaft, Ft.	Hy. 142260	Roller	1.4989-1.4994	2.4409-2.4415	.6249 - .6299						1	1
	Counter Shaft, Rr.	Hy. 121856	Roller	1.7318-1.7323	2.8346-2.8352	.6643 - .6693						1	1
	PROPELLER SHAFT		N.D. 903207	Ball	1.3775-1.3780	2.8340-2.8346	.6643 - .6693				1	1	1
UNIVERSAL JOINT		GMT 080383	Roller	.6812 - .6830	1.1880-1.1883	.922 - .942							S
		Ch. 3652929	Roller	19 rollers	.1038 - .1040	.455 - .475	4	4	4				
		Ch. 3653370	Roller	30 rollers	.0937 - .0940	.494 - .514				4	4	4	
REAR AXLE	Pinion Front	N.D. 905306	D.R. Ball	1.1807-1.1811	2.8340-2.8346	1.1825-1.1875	1	1	1	1			
		N.D. 954237	D.R. Ball	1.9860-1.9865	4.3299-4.3307	1.8710-1.8755					1	1	1
		Ch. 3651519	Roller	1.6250-1.6255	3.375 - 3.376	1.1875					1	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			
		Hy. 144553	Roller	1.1807-1.1811	2.8340-2.8346	.8218 - .8268					1	1	1
		Ch. 3651551	Roller	2.0000-2.0005	4.125 - 4.126	1.1875					1	1	1
	2-Speed Pinion	Ch. 3651553	Roller	2.0005 max.	4.125 - 4.126	1.4375					1	1	1
		Ch. 3651554	Roller	2.0000-2.0005	4.125 - 4.126	1.4375					1	1	1
	Diff. Bearing	Hy. 127861	Bar'l R.	1.6924-1.6929	2.9523-2.9528	.659 - .679	2	2					
		Hy. 149520	Bar'l R.	1.7807-1.7812	3.1490-3.1496	.712			2	2			
		Hy. 148399	Bar'l R.	2.4400-2.4405	3.9362-3.9370	.8268					2	2	2
		Ch. 3651552	Roller	2.6250-2.6255	4.4375-4.4385	1.1875					2	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				
Hy. 178298		Roller	1.8772-1.8779	2.7812-2.7818	.992 - 1.000				2				
REAR WHEEL	Inner	Hy. 144527	Bar'l R.	2.6250-2.6255	2.4680-4.4688	.970 - .975					2	2	2
	Outer	Hy. 144525	Bar'l R.	2.2500-2.2505	3.8750-3.8758	.895 - .900					2	2	2
TOTAL NUMBER OF ANTI-FRICTION BEARINGS PER VEHICLE (LESS 2-SPEED AXLE)							26	26	25	26	30	30	33

A = SPECIAL DELUXE & MASTER DELUXE B = MASTER 85 C = LIGHT DELIVERY D = 3/4 TON & 3/4 TON SPECIAL
 E = CONVENTIONAL HEAVY DUTY & SCHOOL BUSES 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 @ - Also for RPO SCHOOL BUS front axle with special brakes
 z - One additional on 193-5/8" W.B. SCHOOL BUS chassis.