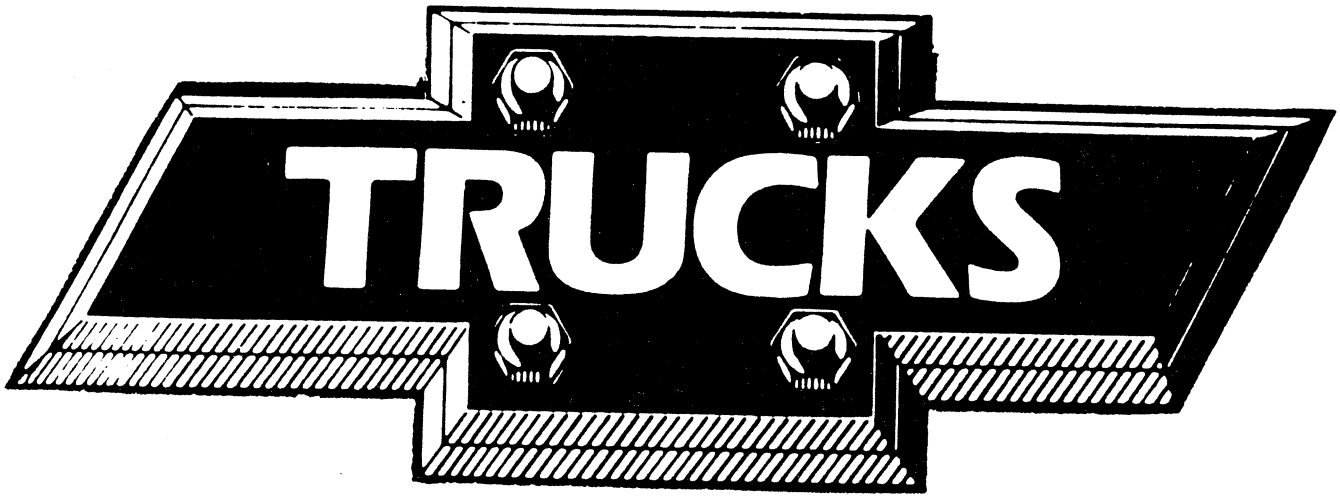
CHEVROLET



1935

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

TRUCK DATA SHEET

Commercial Models

Symbol	Type	Rating	Series	W.B.
CCh	Commercial Chassis	1/2 Ton	EB	112
CCab	Commercial Chassis with Cab	1/2 Ton	EB	112
CCbx	Commercial Chassis with Cab and Pick-Up Box	1/2 Ton	EB	112
SCCh	Special Commercial Chassis	1/2 Ton	EB	112
CPan	Commercial Chassis with Panel Body	1/2 Ton	EB	112
SCPan	Special Commercial Chassis with Panel Body	1/2 Ton	EB	112

Utility Models

Symbol	Type	Rating	Series	W.B.
UCh	Utility Chassis-Single Rear Wheels	1-1/2 Ton	QA	131
UCab	Utility Chassis with Cab-Single Rear Wheels	1-1/2 Ton	QA	131
UPan	Utility Chassis with Panel Body-Single Rear Wheels	1-1/2 Ton	QA	131
DCh	Utility Chassis-Dual Rear Wheels	1-1/2 Ton	QB	131
DCab	Utility Chassis with Cab-Dual Rear Wheels	1-1/2 Ton	QB	131
DSt	Utility Chassis with Stake Body-Dual Rear Wheels	1-1/2 Ton	QB	131
ULCh	Utility Long Chassis-Single Rear Wheels	1-1/2 Ton	QC	157
ULCa	Utility Long Chassis with Cab-Single Rear Wheels	1-1/2 Ton	QC	157
DLCh	Utility Long Chassis-Dual Rear Wheels	1-1/2 Ton	QD	157
DLCa	Utility Long Chassis with Cab-Dual Rear Wheels	1-1/2 Ton	QD	157
DLSt	Utility Long Chassis with Stake Body-Dual Rear Wheels	1-1/2 Ton	QD	157

Engine Serial Numbers

Commercial: K4864097 and up Utility: T4864097 and up
Location: Stamped on Pad on Right Side of Engine just to rear of Fuel Pump.

Vehicle Serial Numbers

Numbered in numerical sequence starting with 1001, type distinguished by series letter.

ORIGINAL COPY

CHANGES

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

Supersedes sheet #2 dated 2-1-35

OIL-FUEL-WATER CAPACITIES

Crankcase Capacity . . . . . 5-1/2 Qts.
For Refill . . . . . 5 Qts.
Approximately 1 Pint remains in system after draining Crankcase.

Motor Lubricant Recommended

Summer

S.A.E. #20 for temperatures above 75° F.
20-W for temperatures between 32° F. and 75° F. above zero.

Winter

10-W for temperatures between 32° F. above zero and 15° F. below zero.
For lower temperatures, 10-W oil diluted with 10% kerosene is recommended.

Transmission Capacity

Commercial. . . . . 2-1/2 Pts.
Utility. . . . . 6-1/2 Pts.

Rear Axle Capacity

Commercial . . . . . 4-1/2 Pts.
Utility . . . . . 6-3/4 Pts.

Short Propeller Shaft

Utility . . . . . 3/4 Pt.

Transmission and Rear Axle Lubricant

Summer - S.A.E. #160 . . . . . Winter - S.A.E. #90
For temperatures below zero Fahrenheit S.A.E.#90 diluted with 10% kerosene is recommended

Gasoline Tank Capacity

Commercial . . . . . 16 Gals.
Utility . . . . . 17 Gals.

Cooling System Capacity . . . . . 10-1/2 Qts.

Chassis equipped with Hydraulic Type Fittings for high pressure lubrication.
Use Regular Chassis Lubricant.

CHANGES Lubrication Specifications revised.

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

FRAME

Material: G.M.C. #1025 H. R. Pressed Steel (Channel Section Side and Cross Members)

	Commercial	UCh UCab DCh DCab	ULCh ULCa DLCh DLCa
Overall length:	164	% 188-1/4	% 214-1/4
Width at front:	# 26-1/8	# 26-7/16	# 26-7/16
Width at rear:	# 43-57/64	36	36
Depth of Side Member:	5-3/4	7	7
Side Member Flange width:	2-1/4	2-3/8	2-3/8
Side Member thickness:	9/64	7/32	7/32
Kick up - Front:	None	None	None
Kick up - Rear	4	None	None
Number of Cross Members:	5	* 5	* 6
Frame taper per foot (total):	1.393	1.147	1.147
Section Modulus of Side Member:	2.40	4.87	4.87
Ult. strength lbs./sq. inch:	60,000	60,000	60,000
Tensile strength lbs./sq. inch:	41,000	41,000	41,000
Percent of elongation in 2 inches:	35 to 40	35 to 40	35 to 40

\# At spring eye centerline and outside of side member intersection.
* Front bumper not counted.
% Over front bumper.

SPRINGS

Front

Type: Semi-elliptic — Commercial Utility

Material: Chrome Carbon — Commercial Utility

Number of leaves: 2 @ .284", 6 @ .259" totalling 8 @ 2.122" — Commercial
1 @ .340", 8 @ .259" totalling 9 @ 2.512" — Utility

Working height: 1-1/2" under load of 710# to 790# — Commercial
7/8" under load of 900# to 1000# — Utility

Rate of deflection: 475 lbs. per inch — Commercial
630 lbs. per inch — Utility

Length: 36" — Commercial Utility

Width: 1-3/4" — Commercial Utility

Rear Bushing size: 7/8" O.D. x 11/16" I.D. x 1-11/16" - Special Threaded Front Bushing: 7/8" O.D. x 1-3/4" Commercial Utility

Shackle (at front): Self adjusting steel type. Shackle pin with tapered ends threaded into 7/8" outside diameter steel bushing. Diameter of pin 9/16" tapering down at the rate of 1-1/2" per foot. Commerical Utility

CHANGES

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

SPRINGS CONTINUED

Front - Continued

Shock Absorbers:	Single acting	SCCh SCPan

Rear

Type:	Semi-elliptic	
Material:	Chrome Carbon Steel	Commercial
	Silico Manganese Steel	Utility
Number of Leaves:	1 @ .340", 3 @ .300", 4 @ .284" to total 8 @ 2.376"	Commercial
	6 @ .340", 4 @ .3125" to total 10 @ 3.290"	Utility
Working height:	1-3/4" under load of 1100# to 1200#	Commerical
	7/16" under load of 2800# to 3100#	Utility
Rate of deflection:	200 lbs. per inch	Commercial
	840 lbs. per inch	Utility
Spring Bushing:	7/8 O.D. x 11/16" I.D. x 1-11/16" Front	Commercial
	7/8" O.D. x 1-3/4" (Special Threaded) Rear	Commercial
	1-1/8" O.D. x 7/8" I.D. x 2-1/2" Front & Rear	Utility
Shackles:	Self adjusting steel type. Shackle pin with tapered ends threaded into 7/8" O.D. steel bushing. Diameter of pin 9/16" tapering down at the rate of 1-1/2" per foot.	Commercial
	Conventional type: 7/8" dia. straight pins	Utility
Shock Absorbers:	Single acting SCCh SCPan	

FRONT AXLE

Type:	Reverse Elliott - Modified I Beam Section	Commercial	Utility
Clearance for Jack:	9"	Commercial	
	10"	Utility	
Road Clearance:	8-3/4	Commercial	
	10-1/2	Utility	
King Pin Transverse Inclination:	7°10' plus or minus 1°	Commercial	Utility
Spindle Transverse Inclination:	1° plus or minus 1/2°	Commercial	Utility
Caster Angle:	1-3/4 plus or minus 1/2°	Commercial	
	2-3/4 plus or minus 1/2°	Utility	
Toe In:	5/64 to 1/8	Commercial	Utility
Tread:	57-9/16"	Commercial	
	56-13/32"	Utility	
Bearings:	N.D. 909002 Inner - N.D. 909001 Outer	Commercial	
	N.D. 909024 Inner - N.D. 909023 Outer	Utility	
King Pin Bearings:	Split Bronze 3/4 x 1-17/64	Commercial	
	15/16 x 1-17/64	Utility	
King Pin Thrust Bearing:	Special Ball on lower end		
Diameter of King Pin:	3/4"	Commercial	
	15/16"	Utility	

CHANGES

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

REAR AXLE

Type:	Pressed Steel Housing - Semi Floating	
Gear Ratio:	4.111 to 1 (9-37)	Commercial
	5.428 to 1 (7-38) or 6.166 to 1 (6-37) Optional	Utility
Final Drive Type:	Spiral Bevel Gear	
Distance between Spring Centers:	41	Commercial
	42	Utility
Minimum Road Clearance:	8-3/8	Commercial
	8-1/16	DCh DCab DLCh DLCa
	8-11/16	UCh UCab ULCh ULCa
Clearance for Jack:	7-1/2	Commercial
	10-7/16	DCh DCab DLCh DLCa
	11	UCh UCab ULCh ULCa
Pinion Adjustment:	Shims and tapered collar	
Pinion Shaft Bearing:	N.D. 905206 Front Hyatt 125630 Rear	Commercial
	N.D. 905309 Front N.D. 901305 Rear	Utility
Pinion Shaft Thrust:	On Front Bearing	
Differential Bearing:	N.D. 902100	Commercial
	N.D. 902101	Utility
Axle Shaft Bearing:	Hyatt #1502	Commercial
	N.D. 905125	Utility
Gear Back Lash:	.006 - .010	
Tread:	57-9/16	Commercial
	56-1/16	UCh UCab ULCh ULCa
	63-9/16 (Mean) 7-1/2 Dual Centers	DCh DCab DLCh DLCa
Axle Shaft Thread Size:	None	Commercial
	1-1/4-12	Utility

BRAKES

Service

Type:	Mechanical 4 Wheel Internal Expanding (Articulated Shoe Type)		
Dia. of Front Brake:	12		Commercial
	14		Utility
Dia. of Rear Brake:	12		Commercial
	16		Utility
Width of Lining:	1-3/4	Front and Rear	Commercial
	2	Front 3 Rear	Utility
Thickness of Lining:	3/16	Front and Rear	Commercial
	1/4	Front and Rear	Utility
Length of Lining:	48-5/8" Front	48-5/8" Rear	Commercial
	57-3/4" Front	52-3/4" Rear	Utility

CHANGES

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

BRAKES CONTINUED

Service - Continued

Effective Braking Area:	85.1 Sq. Ins. Front	85.1 Sq. Ins. Rear	
	170.2 Sq. Ins. Total		Commercial
	115.4 Sq. Ins. Front	158.2 Sq. Ins. Rear	
	273.6 Sq. Ins. Total		Utility
Lining Material:	Special Moulded		

Emergency

Type: Mechanical, cut-in system, 4 Wheel Internal Expanding

Diameter of Drum:	12	Front and Rear	Commercial
	14	Front 16 Rear	Utility
Width of Lining:	1-3/4	Front and Rear	Commercial
	2	Front 3 Rear	Utility
Thickness of Lining:	3/16	Front and Rear	Commercial
	1/4	Front and Rear	Utility
Total Effective Length of Lining:		97-1/4	Commercial
		135.4	Utility
Total Effective Braking Area:		170.2 Sq. Ins.	Commercial
		348.6 Sq. Ins.	Utility
Lining Material:	Special Moulded		

ENGINE

Type:	Valve in Head - Marine Head	Compression Ratio:	5.6 to 1
Number of Cylinders:	6	Max. Torque:	150 Ft. Lbs. @ 1000 to 1400 R.P.M.
Cylinder Arrangement:	In Line		
Bore: 3-5/16 Stroke:	4		
Piston Displacement:	206.8 Cu. Ins.		
Rated Horse Power:	26.3		
Max. Brake Horse Power:	68.5 @ 3200 R.P.M.		

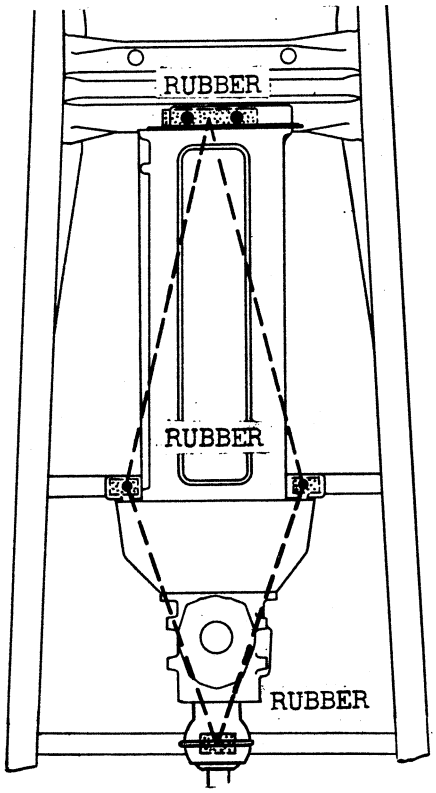
SPECIFICATIONS

CHEVROLET

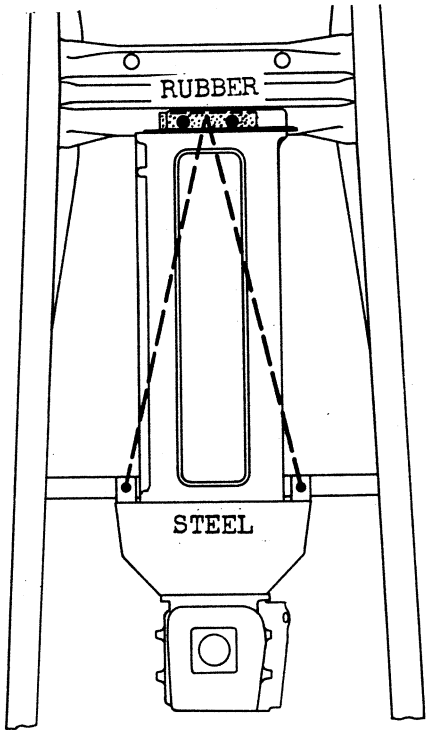
1935 TRUCKS

ENGINEERING DEPT.

POWER PLANT MOUNTING



COMMERCIAL



UTILITY

CAMSHAFT

Type of Drive: Gear
Gear Material: Bakelite and Fabric Composition - Mating Gear Steel
Camshaft Bearings: Front, Iron, in cylinder case, center and rear, steel backed babbitt.
Bearing Clearance (on diameter): .002 - .0035
Camshaft End Play: .003
Bearing which takes thrust: Number one
Number of Bearings: 3

Bearing Sizes

Diameter:	1-13/16	Diameter:	1-25/32	Diameter:	1-5/8
Effective Length:	1-1/2	Effective Length:	1-3/16	Effective Length:	1-1/16
Total Length:	1-27/32	Total Length:	2-1/16	Total Length:	1-3/8

Effective Bearing Area: 6.98 Sq. Ins.

CHANGES

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

PISTONS

Material:	Cast Iron - Tin Plated - Bronze Bushed
Length:	3-11/16
Pin Center to Top of Head:	1-7/8
Distance between Pin Bosses:	1-3/32
Depth of Piston Ring Groove:	.161 - .178
Clearance on Diameter, Top Land:	.013 - .016 Cold
Second Land:	.013 - .016 Cold
Third Land:	.013 - .016 Cold
Skirt:	.0015 - .003 Cold
Depth of Piston Ring Groove:	.192 - .171

PISTON RINGS

Number of Rings used:	3	Number of Oil Control Rings:	1
Material:	Cast Iron	Material:	Cast Iron
Number of Compression Rings:	2	Width:	3/16
Width:	1/8	Thickness:	.145
Thickness:	.145 Max.	Gap Clearance:	.005-.015
Gap Clearance:	.005 - .015	Ring Clearance in Piston Groove:	.0015-.003
Ring Clearance in Piston Groove:	.0015 - .003		

PISTON PINS

Pin Bearing:	In Piston	Pin Bushing:	
Diameter:	.9900 - .9895	Outside Diameter:	1.128 - 1.126
Length:	2-29/32	Length:	15/16
Taper and Diameter Limits:	.0003	Material:	Bronze

CONNECTING RODS

Type:	Pin clamped in Rod	Lower End Bearing:	
Material:	Drop Forged Carbon Steel	Diameter:	2-1/8
Length (Center to Center):	7-1/2	Length:	1-9/32
Crankpin Diameter:	2-1/8	Material:	Babbitt
Crankpin Length:	1-1/2	Clearance (On Diameter):	.0005 - .002
Width at Piston Pin:	15/16	Type of Bearing:	Centrifugally Cast
		Type of Shims:	Steel or Brass - Solid

CHANGES

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

EXHAUST SYSTEM

Exhaust Pipe Diameter:	2
Muffler Type:	Resonance
Diameter:	5"
Length:	20-1/2"

VALVES

Inlet Valve

Material:	Extruded Steel
Head Diameter:	1-45/64
Valve Length:	6-1/16
Stem Diameter:	11/32
Style of Stem End:	Split Tapered Key
Tappet Clearance:	.006 Hot
Spring Pressure:	42-48 Lbs. Valve Closed
Spring Pressure:	94-102 Lbs. Valve Open
Tappet Spring Pressure:	38-44 Lbs.Valve Open
Tappet Spring Pressure:	16-20 Lbs.Valve Closed
Valve Lift:	.316
Type of Stem Guide:	Removable
Valve Stem & Guide Clearance:	.001 - .003
Angle of Valve Face:	30°

Exhaust Valve

Material:	Extruded Steel
Head Diameter:	1-15/32
Valve Length:	4-13/16
Stem Diameter:	11/32
Style of Stem End:	Split Tapered Key
Tappet Clearance:	.013
Spring Pressure:	42-48 Lbs.Valve Closed
Spring Pressure:	94-102 Lbs.Valve Open
Tappet Spring Pressure:	38-44 Lbs. Valve Open
Tappet Spring Pressure:	16-20 Lbs. Valve Closed
Valve Lift:	.309
Type of Stem Guide:	Removable
Valve Stem & Guide Clearance:	.002-.004
Angle of Valve Face:	30°

CRANKSHAFT

Number of Main Bearings:	3
Main Bearing Clearance:	.001-.003
Main Bearing Material:	Steel & Babbitt
Crankshaft Pulley Diameter:	6-1/32
Torsional Vibration Dampener used:	Yes
Weight of Crankshaft:	69 Lbs.
Clearance between Oil Thrower Groove in Crankshaft and Flange on Cylinder Block:	.002 - .032
Bearing which takes thrust:	#2
Amount of Crankshaft Offset:	None
Amount of End Play:	.004 - .007

Bearing Sizes

#1	#2	#3
Diameter: 2-1/16	Diameter: 2-1/8	Diameter: 2-3/16
Length: 1-49/64	Length: 1-7/8	Length: 2-11/64
Projected Bearing Area:	12.34 Sq. Ins.	

CHANGES

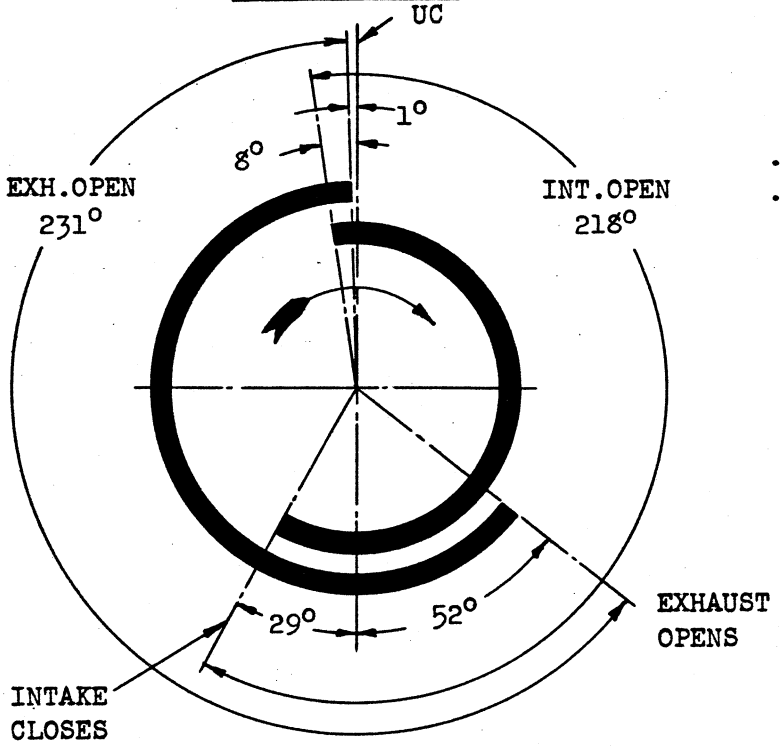
SPECIFICATIONS

CHEVROLET

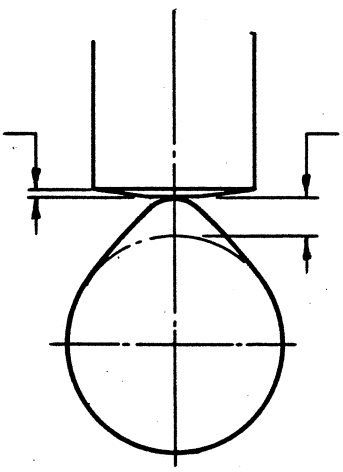
1935 TRUCKS

ENGINEERING DEPT.

TIMING DIAGRAM



VALVE TAPPET



VALVE ROCKER ARM RATIO: 1.48 TO 1
CAMSHAFT RAMP: .010 INLET
.015 EXHAUST

FUEL SYSTEM

Carburetor

Make: Carter - Down Draft
Model: W-1
Size: 1-1/4
Type: Single Adjustment

Gasoline Filter: Yes (Screen in Fuel Pump)
Air Cleaner Type: Cleaner, Silencer & Frame Arrester
Fuel Mixture Heater: Yes-Passes through Manifold Heat Chamber, automatically controlled by Thermostat on Manifold.

Fuel Feed

Type: Mechanical Pump - Camshaft Driven
Make: AC - Type W-1
Fuel Pump Arm Throw at Camshaft: 1/4

CHANGES

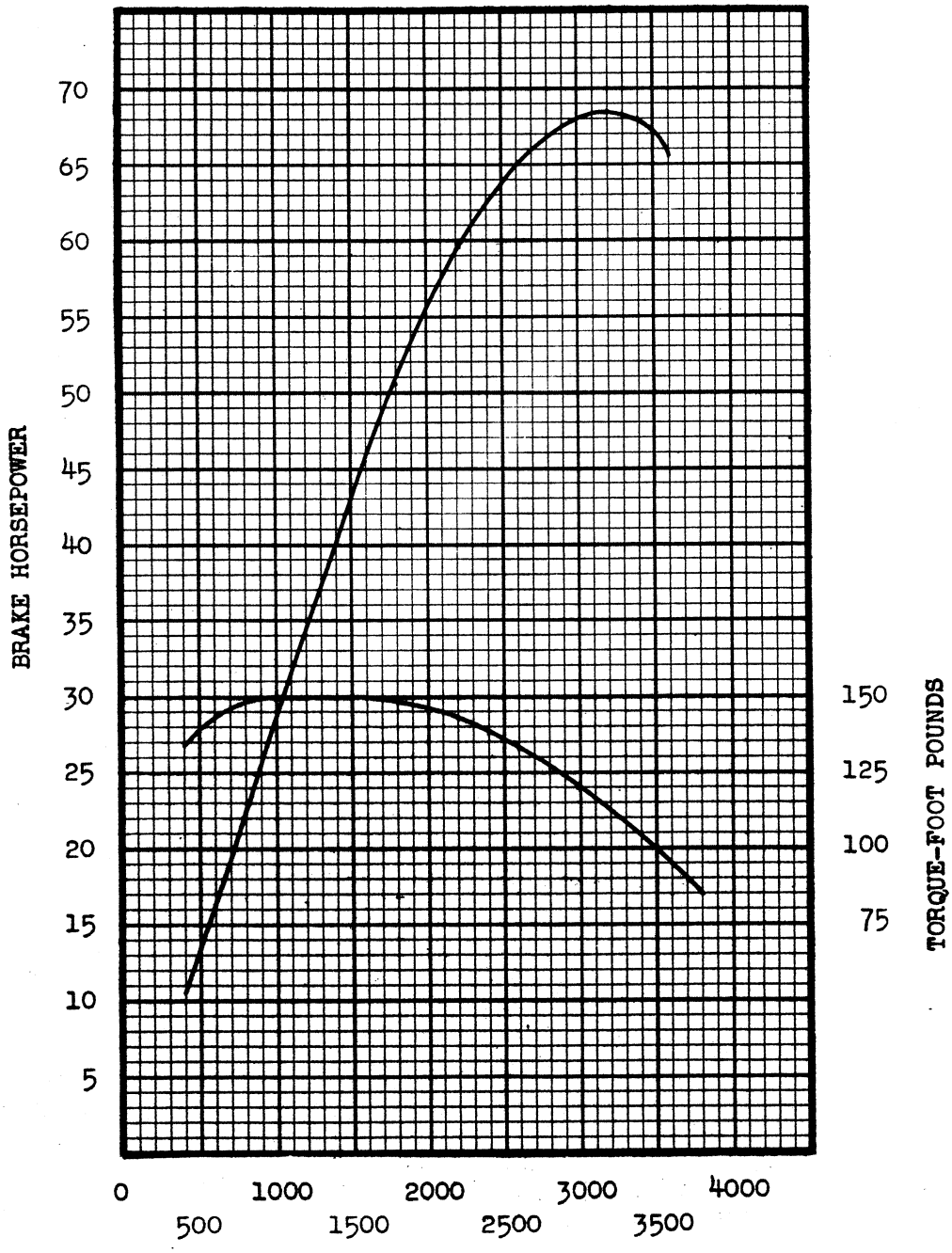
SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

POWER CURVES



CHANGES

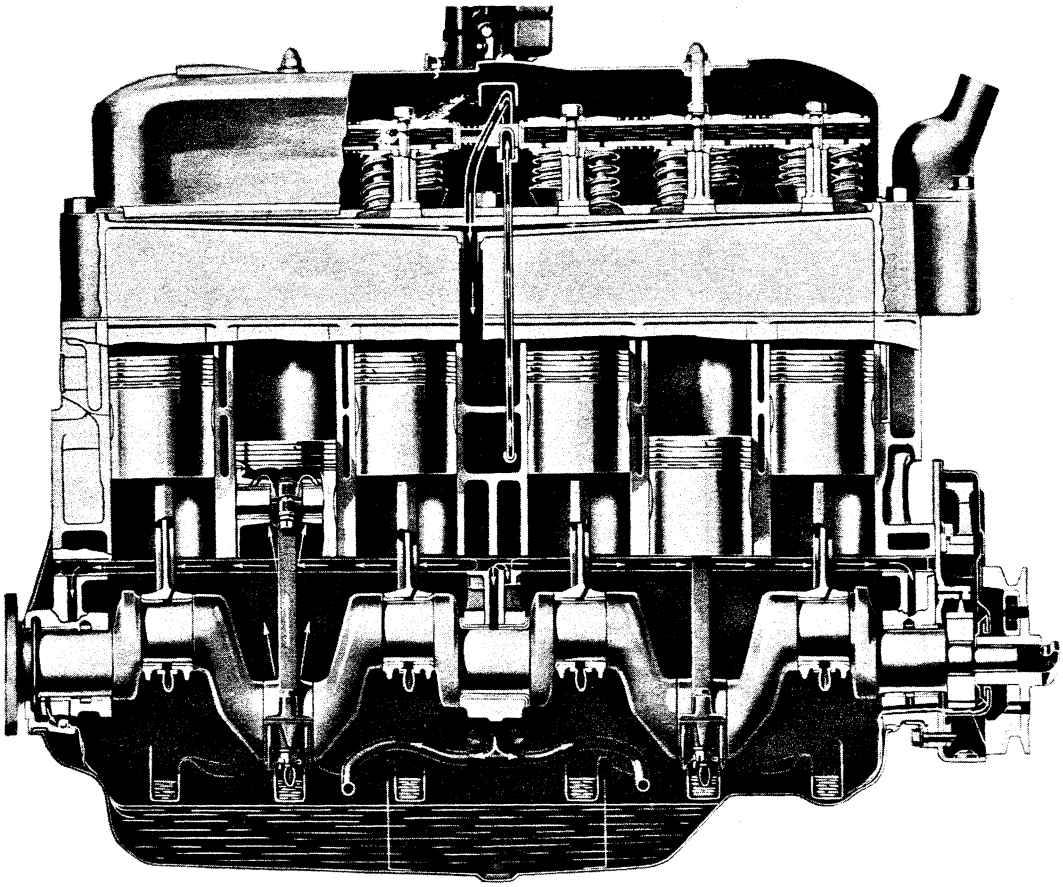
SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

LUBRICATION SYSTEM



Type: Combination Pump, Splash and Pressure Stream
Pressure Feed to Crankshaft Main Bearings, Camshaft Bearings and Valve Rocker Arms
Pressure Stream to Connection Rod Lower Bearing

Oil Pump Type:	Vane
Oil Cleaner Type:	Screen with by-pass on Intake Side of Oil Pump
Pressure, Pounds:	Ranges from 6.5 @ 500 R.P.M. to 14.5 @ 3500 R.P.M.
Type of Oil Level Gauge:	Rod
Type of Oil Drain:	Plug
Area of Oil Screen:	14.5 Sq. Ins.

CHANGES

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

COOLING SYSTEM

Water Circulator:	Centrifugal type pump.
Capacity of Pump:	45 gallons per minute at 3600 Engine R.P.M.
Radiator Shell Material:	G.M.C. 1010 Steel
Shell Finish:	Composite with front chromium plated balance painted to match hood SCCh SCPan Painted to match hood all over Commercial (except SCCh SCPan) Utility Grille furnished on all models.
Radiator Core Type:	Ribbed Cellular
Core Material and size:	379393 all Brass .25 x .40 x 2-1/8 Commercial 379389 all Copper .25 x .40 x 2-1/8 Utility
Special Cores Available:	379389 used for production on Utility can be used on Commercial and is 12% cooler than 379393. 601383 all Copper .25 x .40 x 3 (with shroud) is intended for use on Utility models when operated in extremely high altitudes, tropical or extreme high temperatures or heavy service where it is necessary to use low and second speeds for long periods of time. When Truck is operated in low gear at 5 miles per hour 601383 is 30% more efficient than regular core (601389) and ranges in efficiency to 6% increase over production where Truck is operated in high gear at 40 miles per hour.
Exposed Core Area:	386.0 Sq. Inches
Number of Fan Blades:	4
Diameter of Fan:	16-1/4"
Fan Pulley:	"V" type - Angle of "V" 28°
Diameter of Pulley:	4-21/64"
Fan Belt Material:	Vulcanized fabric (one piece)
Fan Belt Length (Outside):	39-3/4" Width: 21/32"
Fan Shaft Bearings:	Front, Durex Composition - Rear, Bronze
Radiator Hose Size:	Upper (Inlet) 1-1/4" x 9-15/16" Lower (Outlet) 1-1/2" x 4-1/4" (2 pieces)

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

CLUTCH

Type:	Single Plate Dry - Single Cushioned Plate Clutch	
Number of Driving Discs:	One	
Number of Driven Discs:	One	
Facing Material:	Braided Moulded	Commercial
	Moulded Asbestos	Utility
Type:	Disc	
Inside Diameter:	6-1/4	
Outside Diameter:	9	Commercial
	10	Utility
Area of Clutch Surface:	65.87 Sq. In.	Commercial
	95.72 Sq. Ins.	Utility
Thickness:	.122 - .128	
Number of Pieces:	Two	
Total Clutch Spring Pressure:	1017 Lbs.	
Rated Torque Capacity of Clutch:	170 Ft. Lbs.	Commercial
	190 Ft. Lbs.	Utility

Bearings

Throwout:	Graphite Ring Stock - I.D. 1-1/2 x O. D. 2-3/8 x 3/4	
Thrust:	Cast Iron	
Clutch Pilot:	New Departure Ball #907109	Commercial
	New Departure Ball #907502	Utility

Lubrication

Oiler provided for Clutch Release Bearing - No other lubrication necessary.
Clutch Adjustable: Yes
Clutch Throwout Lever Mounted on Ball:

Flywheel

Diameter:	12-5/8"
Weight:	34-3/4 Lbs.
Number of Teeth:	132 - Mating Gear on Starting Motor, 9 Teeth
Width of Teeth:	1/2"

TRANSMISSION

Type:	Selective Synchro-Mesh - Silent Second - Standard Shift	Commercial
	Constant Mesh Gears: Helical	
	Selective Conventional: Utility	
	Constant Mesh Gears: Spur	
Location:	In unit with Engine	

CHANGES

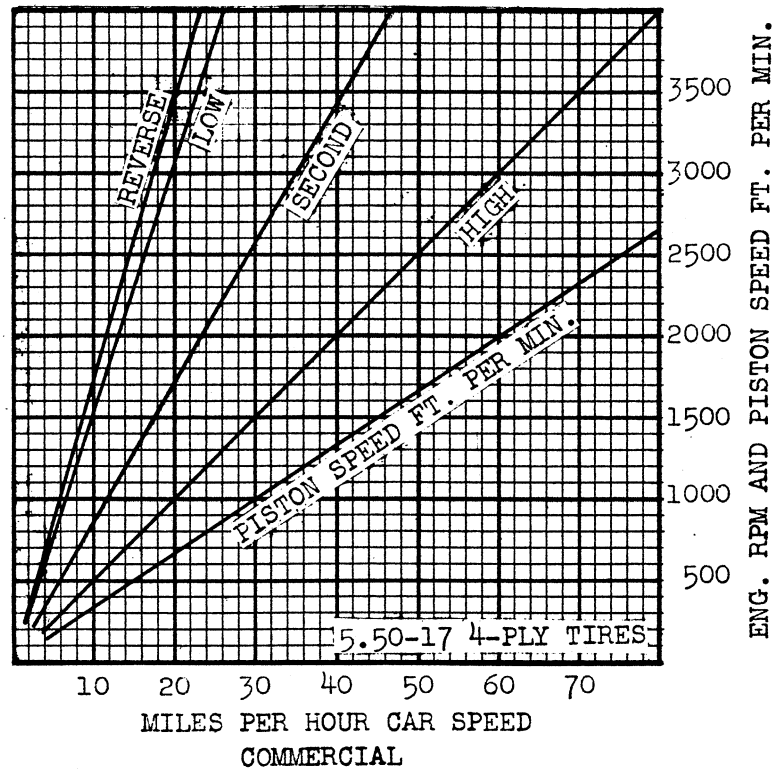
SPECIFICATIONS

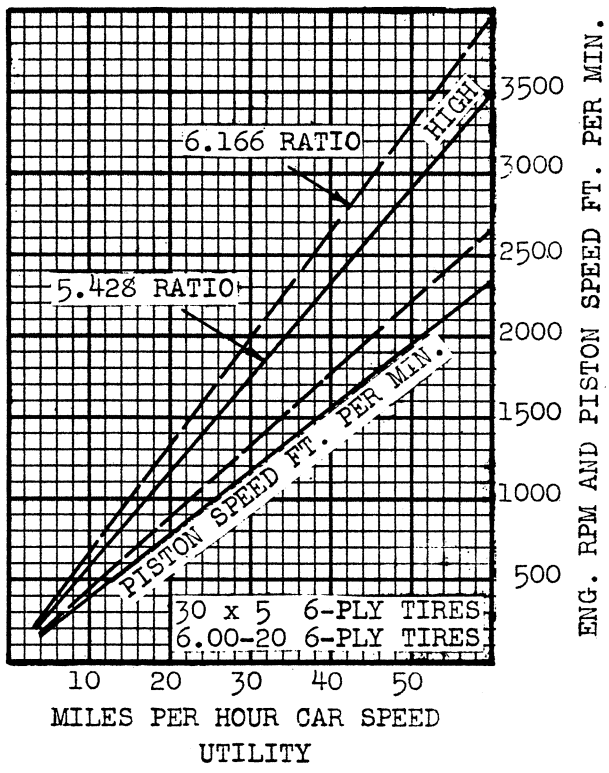
CHEVROLET

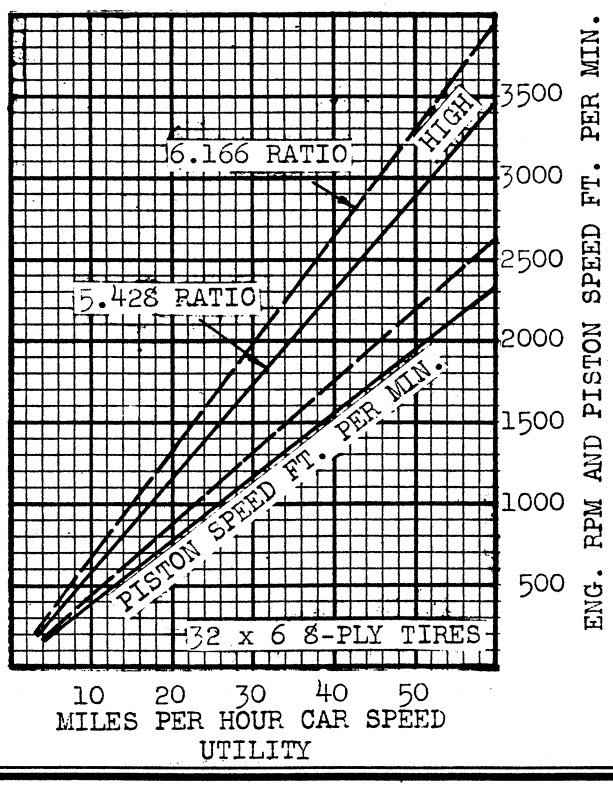
1935 TRUCKS

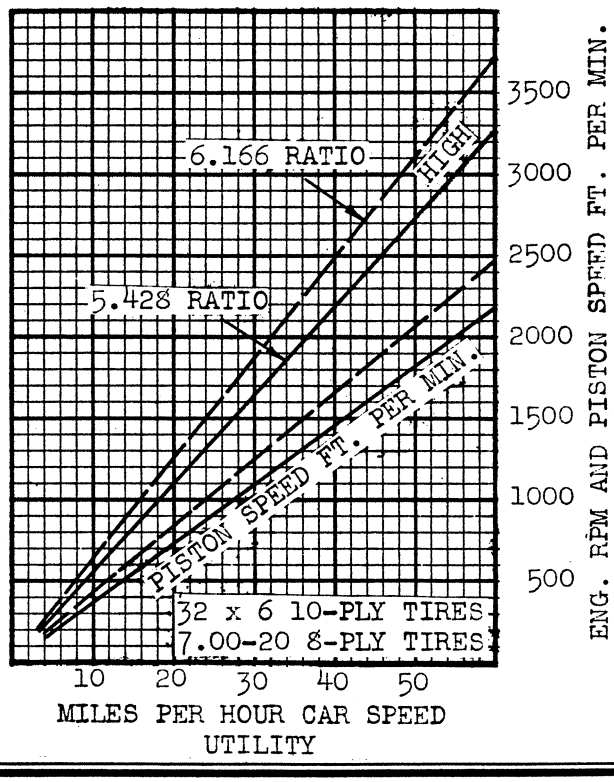
ENGINEERING DEPT.

CAR SPEEDS AND PISTON TRAVEL









CHANGES

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

TRANSMISSION CONTINUED

Number of Speeds:	3 forward and 1 reverse	Commercial
	4 forward and 1 reverse	Utility

Power Take Off - Utility
The Revolutions Per Minute of the Gear that meshes with the gear of Power Take Off when motor is running at 1000 Revolutions Per Minute is 425.

Gear Ratios

	Commercial	Utility
First Speed	3.02	7.23
Second Speed	1.70	3.48
Third Speed	Direct	1.71
Fourth Speed	------	Direct
Reverse	3.40	7.15

Total Gear Reductions

	Commercial	Utility 5.428 Ratio	Utility 6.166 Ratio
First Speed	12.41	39.24	44.6
Second Speed	6.99	18.92	21.46
Third Speed	4.11	9.28	10.54
Fourth Speed	----	5.428	6.166
Reverse	13.97	38.81	44.09

Engine Torque of Gear Set

	Commercial	Utility
First Speed	453.0 Ft. Lbs.	1084.5 Ft. Lbs.
Second Speed	255.0 Ft. Lbs.	522.0 Ft. Lbs.
Third Speed	150 Ft. Lbs.	256.5 Ft. Lbs.
Fourth Speed	--- --------	150 Ft. Lbs.
Reverse	510.0 Ft. Lbs.	1072.5 Ft. Lbs.

Bearings

	Commercial	Utility
Reverse Idler:	7/8 x 1 Bronze (2 used)	7/8 x 1-1/2 Bronze
Main Shaft-Front:	N.D. 903208	N.D. 903209
Main Shaft-Rear:	N.D. 907506	N.D. 903307
Countershaft-Front:	7/8 x 1-1/4 Bronze	Hyatt 142260
Countershaft-Rear:	7/8 x 1-3/8 Bronze	Hyatt 121856
Mainshaft Pilot:	Hyatt 142638	Hyatt 141854
Second Speed Gear Bushing:	1-5/16 x 1-5/8 Bronze	

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

TRANSMISSION CONTINUED

Bearings Continued

Speedometer Gear Ratio:	3.0 to 1	Commercial
	4 to 1	Utility (6.166 Rear Axle Ratio)
	3.5 to 1	Utility (5.428 Rear Axle Ratio)

UNIVERSALS

Type:	Steel Yoke		
Material:	Drop Forged Nickel Chromium Steel		Commercial
	Drop Forged Carbon Steel		Utility
Pin Diameter:	11/16	Commercial	
	23/32	Utility	
Pin Bearing Length:	37/64	Commercial	
	43/64	Utility	
Number of Bearings:	4		
Distance between Pin Bearing Centers:	2-3/4		Commercial
	2-15/16		Utility
Clearance (On Dia.) between Pin and Bearings:	.002 - .005		
Type of End (Transmission):	Spline		
Number of Splines:	6	Commercial	
Inside Diameter of Splines:	.992	Commercial	
Outside Diameter of Splines:	1.182	Commercial	
Number of Splines:	10	Utility	
Inside Diameter of Splines:	1.185	Utility	
Outside Diameter of Splines:	1.384	Utility	
Type of End (Propeller Shaft):	Spline		
Number of Splines:	10		
Inside Diameter of Splines:	.911	Commercial	
	1.117	Utility	
Ouside Diameter of Splines:	1-1/16	Commercial	
	1.313	Utility	
Auxiliary Propeller Shaft Universal Joint:		Utility	
Type of End (Front):	Spline		
Number of Splines:	10	Utility	
Inside Diameter of Splines:	1.185		
Outside Diameter of Splines:	1.384		
Type of End (Rear):	Spline		
Number of Splines:	10	Utility	
Inside Diameter of Splines:	1.117		
Outside Diameter of Splines:	1.313		

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

UNIVERSALS CONTINUED

Number of Universal Joints:		One	Commercial
		Two	Utility
Method of Lubrication:	(Front)	Self, from Transmission	Commercial & Utility
	(Rear)	Self, from Auxiliary Propeller Shaft Housing - Utility	

PROPELLER SHAFTS

Type:	Tubular with splined ends		Commercial
	One piece		Utility
Material:	Nickel Chromium Steel Ends and Carbon Steel Tube		Commercial
	Nickel Chromium Steel		Utility
Length:	52-11/32		Commercial
	53-11/64		Utility

Number of Splines (Front): 10
Number of Splines (Rear): 10
Propeller Shaft connected to Drive Pinion Shaft by Splined Sleeve. (Sleeve is separate on Utility models).
Auxiliary Propeller Shaft used on Utility models and allows the use of a split propeller shaft power take off.

Type of Ends:	Spline
Number of Splines:	10 Front - 10 Rear
Material:	Nickel Chromium Steel
Length:	15-15/16 UCh UCab DCh DCab
	41-15/16 ULCh ULCa DLCh DLCa

STEERING GEAR

Type: Semi-Reversible - Worm and Sector
Ratio: 14 to 1
Steering Wheel turns locked to locked position of wheels: 3.03
Type of Steering: Fore and Aft
Diameter of Steering Post: 1-1/2
Diameter of Steering Wheel: 17-1/4
Steering Gear Mast Jacket Bushing: I.D. - 3/4 x O.D. 1.412 x 1-9/64
Steering Gear Cross Shaft Bushing: 2 Reqd. I.D. .997 x O.D. 1.128 x 1-1/8

Minimum Turning Diameter

	R.H.	L.H.
Commercial	37-1/3	38
UCh UCab DCh DCab	48-2/3	51
ULCh ULCa DLCh DLCa	56-1/2	58

CHANGES

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

WHEELS

Type:	Wire	Commercial
	Pierced Type Disc	Utility

RIMS

Type:	Drop Center, Integral with Wheel	3.62	Base	Commercial
	Integral with Wheel, Separate Lock Ring -	5	Base	Utility
	Integral with Wheel, Separate Lock Ring -	6	Base	Utility when 32 x 6 10-ply or larger tires are used.

TIRES

Regular		
5.50-17	4-Ply Front and Rear	Commercial

TRUCK TIRE OPTIONS

DUAL REAR Size & option Number	Front sizes and option no's. that can be used with dual Rears are shown on same line as the listed Rear					
30x5 - 6 ply Opt.45	***	***	***	30x5 - 6 Opt.44	***	***
32x6 - 8 ply Opt.47	6.00-20-6 Regular	***	***	30x5 - 6 Opt.44	32x6 - 8 Opt.46	***
32x6 - 10 ply Opt.50 6" rim **	6.00-20-6 Regular	6.50-20-6 Opt.51	7.00-20-8 Opt.54 6" rim *	30x5 - 6 Opt.44	32x6 - 8 Opt.46	32x6 - 10 Opt.48 6" rim *
6.00-20-6 Regular	6.00-20-6 Regular	***	***	****	****	****
6.50-20-6 Opt.53 1-3/16 Spacer	6.00-20-6 Regular	6.50-20-6 Opt.51	***	****	****	****
7.00-20-8 Opt.56 6" rim **	6.00-20-6 Regular	6.50-20-6 Opt.51	7.00-20-8 Opt.54 6" rim *	****	****	****

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

TIRES CONTINUED

SINGLE REAR Size & option Number	Front Sizes & Option No's. that can be used with single Rears are shown on same line as the listed Rear					
32x6 - 8 ply Regular	6.00-20-6 Regular	***	***	30x5-6 Opt.44	32x6-8 Opt.46	***
32x6 - 10 Opt.49 6" rim *	6.00-20-6 Regular	6.50-20-6 Opt.51	7.00-20-8 Opt.54 6" rim *	30x5-6 Opt.44	32x6-8 Opt.46	32x6-10 Opt.48 6" rim *
6.50-20-6 Opt.52	6.00-20-6 Regular	6.50-20-6 Opt.51	***	****	****	****
7.00-20-8 Opt.55 6" rim *	6.00-20-6 Regular	6.50-20-6 Opt.51	7.00-20-8 Opt.54 6" rim *	****	****	****

* 3-1/4 offset wheel
** 4-11/32 offset wheel - not to be used on bodies with wheel houses. All rims 5" (3-3/4 offset) except where 6" rims are shown.
*** Never use a larger tire in front than in rear.
**** Never use a high pressure tire in front with a balloon rear.
# Auxiliary spring option #35 must be used with option #50

		RATING			
		Pressure	Loaded Rad.	Revs./Mi.	Load Rating
5.50-17	4-Ply	36 Lbs.	13.85"	730	1200 Lbs.
30 x 5	6-Ply	70 Lbs.	15.68"	643	1600 Lbs.
6.00-20	6-Ply	45 Lbs.	15.68"	643	1400 Lbs.
32 x 6	8-Ply	75 Lbs.	15.88"	635	1950 Lbs.
6.50-20	6-Ply	50 Lbs.	16.13"	625	1650 Lbs.
32 x 6	10-Ply	80 Lbs.	16.6"	600	2200 Lbs.
7.00-20	8-Ply	55 Lbs.	16.6"	600	1900 Lbs.

Manufacturer of Tires: U.S. Rubber Company and Goodrich.

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

HUBS

Thread Size:

Front - None		Commercial
Rear - None		Commercial
Front - 2-3/8-16 - Internal		Utility
Rear - 2-3/4-16 - Utility		

GENERATOR

Model:	943 J	
Driven by:	32° "V" Belt	
Generator Pulley:	"V" Type, Diameter 3-11/32", Angle of "V" 28°	
Ratio of Generator Speed to Engine Speed:	1.80 to 1	
Maximum Charging Rate, Hot:	12 Amps.	
Voltage at Max. Charging Rate, Hot:	7.6	
R.P.M. at Max. Charging Rate, Hot:	2200	
Car Speed at Max. Charging Rate, Hot:	22 Mi./hr.	Commercial
	20 Mi./hr.	DCh DCab DLCh DLCa (5.43 Rear Axle)
	20-1/2 Mi./hr.	UCh UCab ULCh ULCa (5.43 Rear Axle)
Maximum Charging Rate, Cold:	17 Amps.	
Voltage at Max. Charging Rate, Cold:	8.1	
R.P.M. at Max. Charging Rate, Cold:	2100	
Car Speed At Max. Charging Rate, Cold:	21-1/2 Mi./hr.	Commercial
	19-1/2 Mi./hr.	DCh DCab DLCh DLCa (5.43 Rear Axle)
	20 Mi./hr.	UCh UCab ULCh ULCa (5.43 Rear Axle)

Thermostat:	No
Field Fuse:	No
Voltage Regulation:	Third brush
Rated Voltage:	8.5
Brush Tension:	14-18 oz.
Rotation (Drive End):	Clock wise
Bearings:	Commutator End - Bronze Bushing
	Drive End - Ball Bearing

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

GENERATOR CONTINUED

Cutout: Voltage to Close - 7.2
Armature Speed - 660
Car Speed - 7 Mi./hr. Commercial
6 Mi./hr. DCh DCab DLCh DLCa (5.43 Rear Axle)
8 Mi./hr. UCh UCab ULCh ULCa (5.43 Rear Axle)
Amperes to open: 1 to discharge

BATTERY

Make:	Delco-Remy	Amp. hours capacity:	90 on all
Model:	15 P or 15 Q	Cell arrangement:	Side to Side
Number of Plates:	15	Shipped wet of dry:	Optional
Length:	8-15/16	Charging rate, start:	4-1/2 Amp.
Width:	6-7/8	Charging rate, finish:	4-1/2 Amp.
Height:	7-7/8	Which terminal is grounded:	Neg.
Volts:	6	Where is battery mounted:	Frame-Right Side

IGNITION SYSTEM

Type: Separate units high tension distributor ground return system.
Make: Delco-Remy
Model Number: 645 G
Current Source: Generator
Spark Control Type: Full Automatic
Vacuum Retard: 0°
Vacuum Advance: 12°
Automatic Advance: 28°
Manual Advance: 20° Vernier Adjustment
Firing Order: 1-5-3-6-2-4
Timing, Spark advanced: 5° B.T.D.C.
Distributor interrupter point openings: .018 - .024
Distributor upper bearing type: Cast Iron
Distributor lower bearing type: Cast Iron
Condenser make: Delco-Remy

Coil

Amps. drawn, Engine stopped: 4
Amps. drawn, Engine running: 1.5 to 3600 Generator R.P.M.
Spark Plug make: A.C. K-11 metric
Recommended gap: .032

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

STARTING MOTOR

Model:	738 G
Drive Type:	Bendix
Normal Amp.	70
Normal Speed:	2000 R.P.M.
Normal Torque:	2 Ft. Lbs. @ 2000 R.P.M.
Lock Torque:	14 Ft. Lbs.
Voltage:	3.4
Amps.:	525
No Load Bench Test R.P.M.:	3500
Voltage:	5.4
Amps.:	125
Roatation (Commutator End):	C.C.W.
Bearing Type:	
Commutator end:	Cast Iron
Drive end:	Graphite Bushing
Outboard:	9/16 x 5/8 x 3/4 Rolled Bronze
Over-running Clutch:	No
Pinion:	Meshes on front of Flywheel

Starting Motor turns engine approximately 65 times per minute.

BENDIX DRIVE

Number of Teeth:	9
Starter Gear Ratio:	14.66 - 1

LIGHTING SYSTEM

Type:	Two Beam
Head Lamp Lens:	Twilite Monogram
Diameter:	9-7/16"
Inside diameter of Rim:	9-1/16"
Head Lamp Bulb:	T-1110
Candle Power:	21 Upper and Lower
Two Filament Bulb:	Yes
How are Head Lamps dimmed:	Depressed Beam
Parking Light Bulb:	In Head Lamp
Bulb:	T-55
Candle Power:	1-1/2
Tail and Stop Lamp Type:	Combination
Tail Light Bulb:	T-63
Stop Light Bulb:	T-63
Candle Power:	3

SPECIFICATIONS

CHEVROLET

1935 TRUCKS

ENGINEERING DEPT.

LIGHTING SYSTEM CONTINUED

Tail and Dash Light in Series:	No
Dash Light Bulb:	Yes (2 used)
Bulb:	T-63
Candle Power:	3
Dome Light:	Panel Bodies
Bulb:	T-63
Candle Power:	3
Fuse:	Type 3AG
Volts:	6
Amperes:	15

TOOLS

3-1/2" Rond Shank Screw Driven		Tire Changing Iron	Utility
6" Combination Pliers		Hand Tire Pump	
10 oz. Ball Pein Hammer		Lubrication Gun	
9" Adjustable Auto Wrench		Oil Can	
Open End Wrench		Starting Crank	
Spark Plug Wrench		2500 lb. Capacity Jack	Commercial
		3500 lb. Capacity Jack	Utility
Lowered Height of Jack:	8-1/16" Commercial - 9-1/2" Utility		
Raised Height of Jack:	14-1/16" Commercial - 15-1/2" Utility		

Price List

of

GENUINE CHEVROLET ACCESSORIES

for

1935

P. & A. JUNE 1, 1935 PRINTED IN U. S. A.

1935 Accessories

Description	Part No.	Unit	List Price	NET
Anti-freeze	600137	2-gal. can	$ 2.95	1.95
Ball—Gearshift	600231	Each	.50	.30
Battery—13 Plate	1854677	Each	8.95	4.95
Battery—15 Plate	1854669	Each	9.95	6.95
Button, Horn	601493	Each	.50	.30
Cap, Radiator—Master	601212	Each	3.75	2.75
Cap, Radiator and Lock—Standard	601393	Each	3.75	2.75
Cap, Gas Tank Locking	600518	Each	1.50	.90
Carrier, Interior Baggage	601431	Each	4.25	2.85
Carrier, Luggage—Black—Standard	600416	Each	~~37.00~~	24.95
Carrier, Luggage—Prime—Standard	600417	Each	~~37.00~~	24.95
Chamois Unit	601238	6	.N4	6.60
Cleaner, Glass—1 Gal.	364257	Each	5.00	2.15
Cleaner—Upholstery—Half Gal.	601346	Can	1.25	.75
Clock, R. V. Mirror—30 Hour	601659	Each	4.00	2.50
Clock, R. V. Mirror (Elec.)	601495	Each	8.75	5.50
Clock, Glove Panel (Elec.)—Mstr.	601443	Each	10.25	6.50
Cover, Seat (Coupe) De Luxe—Std.	600557	Set	5.50	3.30
Cover, Seat (Coach) De Luxe—Std.	600555	Set	9.50	5.70
Cover, Seat (Sedan) De Luxe—Std.	600553	Set	9.95	5.95
Cover, Seat (Coupe) De Luxe—M.	601631	Set	5.50	3.30
Cover, Seat (Coach) De Luxe—M.	601632	Set	9.95	5.95
Cover, Seat (Sedan) De Luxe—M.	601633	Set	9.95	5.95
Cover, Seat (Coupe) Special—Std.	600563	Set	4.50	2.70
Cover, Seat (Coach) Special—Std.	601561	Set	6.75	
Cover, Seat (Sedan) Special—Std.	600559	Set	7.00	4.20
Cover, Seat (Coupe) Special—M.	601634	Set	4.50	2.70
Cover, Seat (Coach) Special—M.	601635	Set	6.95	4.15
Cover, Seat (Sedan) Special—M.	601636	Set	6.95	4.15
Cover, Seat (Coupe—San Toy)	601624	Set	3.69	2.30
Cover, Front Seat (Coach—San Toy)	601450	Set	1.95	1.30
Cover, Front Seat (Sedan—San Toy)	601449	Set	3.69	2.30
Cover (Coach and Sedan Rear Seat—San Toy)	601448	Set	3.95	2.40
Cover, Metal Tire—Rear—Black—Master	379341	Each	6.50	4.00
Cover, Metal Tire—Rear—Prime—Master	601399	Each	6.50	4.00
Cover, Metal Tire Fender Well—Black—Master	379238	Each	6.50	4.00
Cover, Metal Tire Fender Well—Prime—Master	601400	Each	6.50	4.00
Cover, Metal Tire—Black—Std.	601436	Each	5.50	3.35
Cover, Metal Tire—Prime—Std.	601445	Each	5.50	3.35

Description	Part No.	Unit	List Price	NET
Cover, Fabric Tire—Master	600404	Each	$ 1.00	.65
Cover, Fabric Tire—Standard	474159	Each	1.00	.55
Defroster, Windshield	601168	Each	3.00	1.75
Disc, Wheel—Std.—Aurora Red	601698	Set of 5	9.75	5.45
Disc-Wheel—Standard—Cream	601711	Set of 5	9.75	5.45
Disc-Wheel—Standard—Chrome	601454	Set of 5	9.75	5.98
Dressing, Top—Black—Pt.	364165	Each	.75	.40
Dressing, Top—Clear—Pt.	363639	Each	.75	.45
Dressing, Top—Tan—Pt.	363641	Each	.75	.45
Dressing, Top—Black—Gal.	600428	Each	4.75	2.95
Frame, License	364358	Pair	2.45	1.45
Guards, Bumper—Standard	600481	Set of 4	3.45	2.05
Gun, Anti-Squeak	364339	Each	.85	.45
Handle, Brake Lever Ext.	601468	Each	1.75	.90
Heater, Super Hot Water	601083	Each	15.50	9.50
Heater, Outdraft Hot Water	601085	Each	10.95	6.55
Hitch, Trailer—Std. Cpe. and Open.	600125	Each	3.25	1.95
Horns, Matched Pair—Standard	600780	Each	9.75	5.10
Horns, Matched Pair—Master	601447	Pair	9.50	7.55
Indicator, Headlamp Beam	601785	Pair	1.00	.55
Indicator, Heat—Standard	601682	Each	3.00	1.60
Jack—Universal	601663	Each	3.50	1.75
Lamp, Luggage Compartment	601656	Each	1.50	.85
Lamp, R. H. Tail (Trunk)—Master	601404	Each	3.00	1.65
Lamp, R. H. Tail (Others)—Master	601402	Each	3.00	1.65
Lamp, R. H. Tail (Coupe)—Std.	364628	Each	3.00	1.80
Lamp, R. H. Tail (Others)—Std.	364848	Each	3.00	1.80
Lamp, R. H. Tail (Others)—Std.	601416	Each	1.25	.70
Lighter, Cigarette	600746	Each	3.00	1.50
Lock, Hub Cap—Standard	601456	Each	2.75	1.40
Lock, Metal Tire Cover (Rear)	364164	Each	.50	.25
Lubricant—Dry (3 oz.)	364437	3 oz. can	3.00	1.80
Lubricant—Dry (½ Gal.)	601457	½ gal. can	1.25	.70
Marker, Fender	601640	Each	1.00	.55
Mirror, Visor Vanity	600510	Each	6.75	4.00
Moulding, Wheel—Master	403490	Set of 5	6.75	4.00
Moulding, Wheel—Standard	363415	Set of 5	.55	.30
Polish—12 oz.	363614	12 oz. can	1.80	1.65
Polish—Gal.	601814	1 gal. can	POA	
Radio Chassis—De Luxe—7 Tube	601815	Each	51.00	
Radio Control Unit—Master	601816	Each	8.50	
Radio Control Unit—Standard	601662	Each	5.50	
Radio Chassis—De Luxe—5 Tube	601661	Each	41.00	
Radio Control Unit—Master	601660	Each	8.50	
Radio Control Unit—Standard	601574	Each	5.50	
Radio Chassis De Luxe—5 Tube	601573	Each	41.00	
Radio Control Unit—Master	601664	Each	8.50	
Radio Control Unit—Standard		Each	5.50	

Description	Part No.	Unit	List Price
Antenna Unit (to adapt 1934 Radios to 1935 Cars)	601768	Each	$ 3.75
Regulator, Oil Temperature	601754	Each	8.00
Safetylight	601521	Each	15.95
Screen, Insect—Master	601458	Pair	1.50
Screen, Insect—Standard	600782	Pair	1.50
Shields, Wheel—Black—Master	601452	Pair	8.00
Shields, Wheel—Prime—Master	601451	Pair	8.00
Visor, R. H. Sun	601444	Each	2.00
Wiper, R. H. Windshield—Master	601418	Each	3.85
Wiper, R. H. Windshield—Standard—with Motor	980465	Each	5.50
Wiper, R. H. Windshield—Standard—No Motor	601439	Each	2.50

Truck Accessories

Bracket, R. V. Mirror—Ext.	376777	Each	.50
Board, Extension Running (R-157")	600442	Each	2.50
Board, Extension Running (L-157")	600441	Each	2.50
Board, Extension Running (R-131")	600450	Each	2.75
Board, Extension Running (L-131")	600449	Each	2.75
Apron, Ext. Running Board (R-157")	600458	Each	2.50
Apron, Ext. Running Board (L-157")	600457	Each	2.50
Fender, Dual—Right	363564	Each	6.00
Fender, Dual—Left	363563	Each	6.00
Filter, Oil	601465	Each	3.25
Governor	601657	Each	8.00
Hooks, Tow	600533	Pair	3.25
Lock, Fender Well	600841	Each	2.00
Ring, Tow (Unit)	600532	Each	3.75
Shock Absorber—Double Acting Front—Com'l	1066226	Pair	20.00
Shock Absorber—Double Acting Rear—Com'l	1066227	Pair	22.50
Shock Absorber—Double Acting Front—Utility	1066231	Pair	20.00
Shock Absorber—Double Acting Rear—Utility	1066232	Pair	28.00
Spring—Light—Utility	600337	Pair	14.50

Prices quoted are subject to change without notice.

‡List Price Includes Brackets.