



Make of Car ..... BUICK ..... Model ..... 1940 SERIES 50 ..... Date ..... Sept. 18, 1939 .....

**CRANKSHAFT**

Vibration dampener used—yes or no ..... Yes  
 Type Laminated steel flywheel supported on steel leaf spgs.  
 Crankshaft counterweights used, number of ..... 8  
 Which main bearing takes thrust ..... Center  
 Crankshaft end play ..... .004" to .008"

**Main bearing—**

Type: Cast-in or ..... Slip-in ..... Yes  
 If slip-in: Removable from below ..... Yes  
 Necessary to align ream. Yes (Except in Sata)  
 Material ..... Steel Backed Babbitt  
 Clearance ..... .0007" to .0022"  
 Shim—solid, laminated or none ..... Solid

**Main bearing journal diameter x length—**

No. 1. .... 2-5/16" x 1-17/64"  
 No. 2. .... 2-3/8" x 15/16"  
 No. 3. .... 2-7/16" x 1-5/8"  
 No. 4. .... 2-1/2" x 15/16"  
 No. 5. .... 2-9/16" x 1-25/32"  
 No. 6. ....  
 No. 7. ....  
 No. 8. ....  
 No. 9. ....

**Crankshaft gear or sprocket—**

Make ..... Own  
 Material ..... C.D.S. 1112

**CAMSHAFT**

**Camshaft gear or sprocket—**

Make ..... Own  
 Material ..... Cast Iron - 131

**Timing chain—**

Make ..... Link Belt  
 Number of links ..... 49  
 Width ..... 1"  
 Pitch ..... .500  
 Adjustment—none, automatic or manual ..... None

**VALVES**

**INTAKE VALVE—**

Make ..... Thompson or Rich  
 Material ..... 3140 or 1050  
 Overall length ..... 5.1"  
 Actual overall diameter of head ..... 1-17/32"  
 Angle of seat ..... 45°  
 Is valve seat an insert? ..... No  
 Stem diameter ..... .3720"  
 Stem to guide clearance ..... .0015" to .0035"

**VALVES (cont'd)**

Lift ..... .348"  
 Spring pressure and length—  
 Outer—  
 With valve closed—lb. .... 29 ..... ins. 1-15/16  
 With valve open—lb. .... 70 ..... ins. 1-19/32  
 Length out of engine—ins. .... 2-5/16  
 Inner—  
 With valve closed—lb. .... 18 ..... ins. 1-21/32  
 With valve open—lb. .... 48 ..... ins. 1-5/16  
 Length out of engine—ins. .... 1-7/8

**EXHAUST VALVE—**

Make ..... Thompson  
 Material ..... I C B  
 Overall length ..... 5.1"  
 Actual overall diameter of head ..... 1-11/32"  
 Angle of seat ..... 45°  
 Is valve seat an insert? ..... No  
 Material .....  
 Stem diameter ..... .3715"  
 Stem to guide clearance ..... .0021" to .0039"  
 Lift ..... .348"  
 Spring pressure and length—  
 Outer—  
 With valve closed—lb. .... 29 ..... ins. 1-15/16  
 With valve open—lb. .... 70 ..... ins. 1-19/32  
 Length out of engine—ins. .... 2-5/16  
 Inner—  
 With valve closed—lb. .... 18 ..... ins. 1-21/32  
 With valve open—lb. .... 48 ..... ins. 1-5/16  
 Length out of engine—ins. .... 1-7/8

Operating tappet clearance (hot or cold)—intake ..... .015" Hot  
 Tappet clearance for valve timing—intake .....  
 Operating tappet clearance (hot or cold)—exhaust ..... .015" Hot  
 Tappet clearance for valve timing—exhaust .....  
 Hydraulic valve lifters—yes or no ..... No  
 Valve timing—  
 Intake opens ..... 13 ..... degrees BUDC piston travel  
 Intake closes ..... 69 ..... " ALDC " "  
 Exhaust opens ..... 55 ..... " BLDC " "  
 Exhaust closes ..... 22 ..... " AUDC " "  
 Valve Timing Marks on Flywheel, Vibration Damper, None ..... None

**LUBRICATION**

Lubricating system type—pressure or splash ..... Pressure  
 Oil pressure to—  
 Main bearings—yes or no ..... Yes  
 Connecting rods—yes or no ..... Yes

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**LUBRICATION (cont'd)**

Wristpins—yes or no **No**  
 Camshaft bearings—yes or no **Yes**  
 Timing gear or chain lubrication—positive or splash **Positive**  
 Oil pump type **Gear**  
 Oil grade recommended—SAE viscosity and temperature range—  
 Not lower than 32°F. **20W or SAE 20**  
 As low as plus 10°F. **20W**  
 As low as minus 10°F. **10W**  
 Below minus 10°F. **10W plus 10% Kerosene**  
 Normal oil pressure—lbs. at M.P.H. **45 at 35**  
 Pressure at which relief valve opens **45**  
 Capacity of oil reservoir—quarts, dry **8** refill **6**  
 Oil pressure gauge make **AC**  
 Oil reservoir level gauge type **Stick**  
 External oil filter make **AC**  
 Oil cooler make **None**  
 Chassis lubrication—  
 Type **High Pressure**  
 Make **Lincoln**

**FUEL**

Gasoline tank—capacity **17 Gallons**  
 Fuel feed—  
 Type—vacuum tank, electric pump, gravity vacuum pump or camshaft pump **Camshaft Pump**  
 Make **AC** Model  
 Carburetor—  
 Make **Stromberg** Model **A-AV-16**  
 Size **1"**  
 Type—  
 Up or down draft **Down** Single or dual **Dual**  
 Intake manifold heat control—manual, automatic or none **Automatic**  
 Automatic choke, make **Stromberg** Model  
 Air cleaner—intake silencer make **AC**  
 Muffler make **Rayes**

**COOLING**

Radiator Pressure Control Valve..... **#7**  
 Water pump—  
 Type **Gentrifugal (Spring loaded seal)**  
 Drive **Belt**  
 Is pump equipped with packing nut. **No**  
 Water circulation thermostat make **Harrison**  
 By-pass for recirculation—yes or no **Yes**  
 Radiator shutter—Make **None**  
 Radiator core—

**COOLING (cont'd)**

Type **Yes Cellular**  
 Make **Harrison**  
 Cooling system—capacity, quarts  
 Water jackets full length of cylinders—yes or no **No**  
 Lower radiator hose—  
 Inside diameter **1-7/16"** Length **Elbow Type**  
 Upper radiator hose—  
 Inside diameter **1-9/16"** Length **Elbow Type**  
 Fan belt—  
 Make **Various**  
 Number used **1**  
 Angle of vee  
 Length, outside Width, maximum  
 Fan—  
 Make **Hayes Industries**

**IGNITION**

Ignition unit—  
 Make **Delco-Remy** Model **1110801**  
 Manual or octone selector, degrees advance... retard...  
 Maximum automatic advance, degrees **22-26 at Flywheel**  
 Vacuum advance, degrees **10-12 at Flywheel**  
 Breaker gap **.015"**  
 Cam angle **31°**  
 Timing—Breaker points open... 4... degrees crankshaft travel  
~~to the center of the flywheel (or to the center of the distributor) before) top center~~  
 Timing marks on flywheel, vibration dampener or none... **Flywheel**  
 Firing order **1 - 6 - 2 - 5 - 8 - 3 - 7 - 4**  
 Amperage draw of ignition coil—  
 With engine stopped **4-1/2**  
 With engine idling **2-1/2**  
 Ignition lock make **Delco-Remy & Briggs Stratton**  
 Spark plug—  
 Thread—10 m.m., 14 m.m. or 18 m.m. **14**  
 Make **AC** Model **46**  
 Gap **.025"**  
 Ignition cable make **Packard**

**BATTERY**

Make **Delco-Remy**  
 Capacity—ampere hours **115** @ 20 hour rate  
 Number of plates per cell **17**  
 Bench charging rate—  
 Start **7 or Higher** Finish **If gassing not more**  
 Which battery terminal is grounded **Negative** (then 7...  
 Location of battery **Under Hood**

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**STARTING MOTOR**

Make Delco-Remy Model 1107005  
 Normal engine cranking speed .....  
 Lock test—  
 Amperage draw ..... 57.5  
 Volts ..... 3.4  
 Torque in pounds feet ..... 12  
 No load test—  
 Amperage draw ..... 65  
 Volts ..... 5 R.P.M. 5000  
 Type of drive ~~Automatic~~ sliding gear with overrunning clutch  
 Starter operation—check items required to start engine  
 1. Turn on ignition ..... Yes  
 2. Depress starter pedal .....  
 3. Depress accelerator pedal ..... Yes  
 4. Depress clutch pedal .....  
 5. Operate button on dash .....  
 6. Pull out throttle Either item 3 or 6 (not both)  
 Starting motor pinion meshes front or rear Front  
 No. of teeth in flywheel ..... 146  
 Face width of flywheel teeth ..... 35/64"  
 Flywheel teeth integral or steel ring Steel Ring  
 Gear ratio between starter armature end flywheel 16.22 - 1

**GENERATOR**

Make Delco-Remy Model 1102862  
 Field fuse capacity .....  
 Type—shunt brush, shunt, etc. Shunt  
 Current regulator, voltage regulator or current and voltage control unit Current and Voltage  
 Cutout relay—  
 Voltage at closing ..... 6.3 to 6.9  
 Armature speed at closing ..... 880 Rot.  
 Car speed at closing ..... 8 to 10 m.p.h.  
 Amperes to open ..... 0 to 3-1/2 Discharge  
 Maximum charging rate cold—  
 Temperature .....  
 Amperes ..... 32 - 34  
 Voltage ..... 8  
 R.P.M. ..... 2000  
 Maximum charging rate hot—  
 Temperature .....  
 Amperes ..... 32 - 34  
 Voltage ..... 8  
 R.P.M. ..... 2400  
 Car speed for maximum charging rate ..... 20 APPROX.  
~~Automatic~~ charge indicator make AC

**LAMPS**

Lighting switch make ..... Delco-Remy  
 Are tell and dash lights in series ..... No  
 Headlight—  
 Make ..... Guide  
 Location—in fender, in catwalk, on radiator shell Fender  
 Candlepower of bulb ..... 45 - 35 Watts  
 Type of bulb ..... Sealed Beam  
 Parking or fender light make ..... Guide  
 Tail end stop light make ..... Guide  
 Horn—  
 Type—vibrator or motor Vibrator No. used ..... 2  
 Make ..... Delco-Remy  
 Amperage draw of each ..... 16 and 17

**CLUTCH**

Make Own (Disc make - Long)  
 Semi-centrifugal ..... No  
 Power operated unit—make ..... None  
 Vibration insulation or neutralizer—fabric, rubber blocks or springs Spring  
 No. of clutch driving discs ..... 1 and Flywheel  
 No. of clutch driven discs ..... 1  
 Clutch facing—  
 Material—oven or moulded asbestos, cork Woven  
 Inside diameter ..... 6-3/4"  
 Outside diameter ..... 10"  
 Thickness ..... 1/8"  
 No. required ..... 2

**TRANSMISSION**

Transmission—  
 Make Own Model Series 50  
 No. of forward speeds ..... 3  
 Shift lever location—dash, steering column, floor Steer. Column  
 If steering column gearshift—  
 Are gears meshed by rod linkage or cable ..... Rod Linkage  
 Are gears selected by rod linkage or cable ..... Rod Linkage  
 Automatic or auxiliary shifting mechanism—  
 Make ..... None  
 Type—centrifugal, vacuum, electric or hydraulic  
 Automatic overdrive—  
 Make ..... None  
 Oil capacity—pints  
 Oil grade recommended—S.A.E. viscosity  
 Summer ..... Winter .....  
 Gear ratio in high—standard 5-passenger  
4-door sedan ..... Direct

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**TRANSMISSION (Cont'd)**

Transmission ratio—  
 In overdrive ..... In second **1.66 - 1**  
 In low **2.67 - 1** ..... In reverse **3.02 - 1**  
 Constant mesh gears on second ..... **Yes**  
 Spur or helical gears—  
 For second speed ..... **Helical**  
 For first speed ..... **Helical**  
 For reverse speed ..... **Helical**  
 Synchronous meshing second and third gears ..... **Yes**  
 Transmission oil—  
 Capacity—pints ..... **1-3/4**  
 Grade recommended—**SAE** viscosity **Below minus 10°F.**  
 Summer **SAE 90** Winter **SAE 80 E.P.**  
 Universal joints—  
 Make ..... **G.M. or Spicer**  
 Number used ..... **1**  
 Type—*fabric, rubber, metal with anti-friction bearing or metal with plain bearing.* **Metal with plain**  
 Lubricated with **Trans. Lubricant** (brg.  
 Drive taken through springs, torque arm, torque tube or radius rods ..... **Torque Tube**  
 Torque taken through springs, torque arm, torque tube or radius rods ..... **Torque Tube**

**REAR AXLE**

Rear axle—  
 Make **Own** Model **Series 50**  
 Type—*semi, full or three-quarter floating* **Semi-Floating**  
 Minimum road clearance under center of rear axle—*tires inflated* ..... **7-11/16"**  
 Rear axle oil—  
 Capacity—pints ..... **3**  
 Grade and type recommended—**SAE** viscosity  
 Summer **SAE 90 Hypoid** Winter **\***  
 Type of gearing—*spiral bevel, worm, hypoid* ..... **Hypoid**  
 Gear ratio—*standard 5-passenger 4-door sedan* ..... **4.4 - 1**  
 Optional gear ratios ..... **None**  
 Number of teeth—  
 In ring gear ..... **44** In pinion ..... **10**  
 How is pinion adjusted—*screw or shims* ..... **Shims**  
 How is pinion bearing adjusted—*screw or shims* ..... **None**  
 Are pinion bearings in sleeve ..... **No**  
 Backlash between pinion and ring gear ..... **.008"** to **.010"**  
 Are pinion bearings preloaded ..... **Yes**  
 How is pinion bearing preload obtained ..... **At Manufacturing**  
 Are differential bearings preloaded ..... **Yes**  
 How is differential bearing preload obtained ..... **Screw**

\* For temperatures above minus 10 deg. F. use SAE 90 Hypoid.  
 For temperatures below minus 10 deg. F. use SAE 80 Hypoid.

**TIRES and WHEELS**

Tires—  
 Make **U.S. - Firestone - Goodyear**  
 Size **16" x 6.50"** No. of plies ..... **4**  
 Inflation pressure—Front **25 Cold** ..... Rear **30 Cold**  
 Rim—Diameter **16"** Width **5.00"**  
 Axle clearance for jack—*tires inflated*  
 Front ..... Rear .....  
 Wheels—  
 Type ..... **Demountable Steel Disc**  
 Make ..... **Motor Wheel**

**SPRINGS**

**FRONT SPRING—**

Independent or conventional suspension ..... **Independent**  
 Type—*coil, semi-elliptic or transverse* ..... **Coil**  
 Make ..... **Own**  
 Material ..... **Steel 9260**  
 Sway eliminators—*torsional, lateral, none* ..... **Torsional**  
 If leaf—  
 Length ..... Width .....  
 Number of leaves—**5-passenger, 4-door sedan** .....  
 Are radius rods used on axle .....  
 Shocked front or rear .....  
 Anti-shock shockle location .....  
 If coil—  
 Free length ..... **14-3/4"**  
 Length under ~~normal load~~ **Normal Load - 9-1/2"**  
 Rate for above ..... **99 at Wheel** ..... pounds per inch

**REAR SPRING—**

Independent or conventional suspension ..... **Coil Spg. Susp.**  
 Type—*coil, semi-elliptic or transverse* ..... **Coil**  
 Make ..... **Own**  
 Material ..... **Steel 9260**  
 Sway eliminators—*torsional, lateral, none* ..... **Torsional**  
 If leaf—  
 Length ..... Width .....  
 Number of leaves—**5-passenger, 4-door sedan** .....  
 Spring leaves lubricated with .....  
 Spring cover make .....  
 Spring shackles—  
 Front—Type ..... Make .....  
 Rear—Type ..... Make .....  
 Spring bolts—  
 Type .....  
 If coil—  
 Free length ..... **18-1/4"**  
 Length under ~~normal load~~ **Normal Load - 10"**

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## SPRINGS (cont'd)

Rate for above **134 at Wheel** ..... pounds per inch

## Shock absorbers—

Make ..... **Delco** .....

Type—*one way, two way* ..... **TWO-WAY** .....

Fluid capacity—front ..... rear .....

## STEERING

### Steering gear—

Type ..... **Worm and Double Roller** .....

Make ..... **Saginaw** ..... Model ..... **Series 50** .....

Ratio ..... **19 to 1** .....

Lubricant recommended **Steer. Gear Lubr. GM 4568-M**

Steering wheel diameter ..... **16"** .....

Drag link longitudinal or transverse ..... **None** .....

Tie rod—one or two ..... **2** .....

Is intermediate steering arm used ..... **No** .....

Number of turns of steering wheel for full left to right swing of wheels ..... **4-1/4** .....

Car turning radius—*feet—each in turn both* ..... **20-1/2** .....

Caster—degrees **Pos. 3/8 ± 3/8** to **1** .....

Comber—degrees **or Rav. 1/4** to **Pos. 1** .....

Toe-in—*inches* ..... **0** to **1/16** .....

Crosswise inclination of kingpin—degrees ..... **3-1/2 to 4-1/2** .....

### Front axle—

Make ..... Model .....

Section type—*I-beams, tubular or none* .....

End type—*Elliott or reverse Elliott* .....

Minimum road clearance—*tires inflated* .....

## BRAKES

### Foot brakes—

Make ..... **Bendix or Delco** .....

Type of mechanism, *hydraulic or mechanical* ..... **Hydraulic** .....

If vacuum booster is standard, state make .....

Brake lining moulded, semi-moulded or woven **Woven on primary and moulded on secondary.**

## BRAKES (cont'd)

Material **Centrifusa** ..... Diameter ..... **12"** .....

### Lining—

Length per wheel ..... **22-11/16"** .....

Width ..... **1-3/4"** ..... Thickness ..... **3/16"** .....

Clearance—*for* ..... **.008" to .010"** ..... *heel* ..... **.008" to .010"** .....

Total foot braking area ..... **158.7 sq. in.** .....

Percent braking power on rear wheels ..... **47%** .....

Hand brake location, ~~under front seat~~ **under cowl at left** .....

Hand lever operates on—~~front or rear service brakes~~ **rear service brakes** .....

### Hand brake—

Internal or external ..... **Internal** .....

Drum diameter ..... **12"** .....

### Lining—

Length per drum ..... **22-11/16"** .....

Width ..... **1-3/4"** ..... Thickness ..... **3/16"** .....

Clearance ..... **.008" to .010"** .....

## FRAME

### Frame—

Make ..... **Midland** .....

Type ..... **Double Drop** .....

Depth—*maximum* ..... **6-1/8"** .....

Thickness—*maximum* ..... **1/8"** .....

Flange width—*maximum* ..... **2-3/4"** .....

Wheelbase ..... **121"** .....

### Tread—

Front ..... **58-7/32"** .....

Rear ..... **59-5/32"** .....

Weight of standard 5-passenger four-door sedan—

Shipping .....

Curb .....

Per cent on front axle .....

Price of standard 5-passenger, 4-door sedan .....

\* First serial number, this series, **Flint, Mich. - #13596807** .....

Serial number location .. **Right side top of frame** ..... by dash .....

Overall length of car—

With bumpers and bumper guards ..... **208-13/16"** .....

\* South Gate, Calif. - #23601856

Linden, N.J. - #33611856

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NOTE—In giving bearing dimensions, kindly use the following order: inside diameter, outside diameter and width. Where cup and cone bearings are used, give both cup and cone numbers.

## BEARINGS and fan

Water pump/bearing—  
 Make or type **New Departure**  
 Size or number **954208**

Fan bearing—  
 Make or type .....  
 Size or number .....

Starting motor commutator end bearing—  
 Make or type **Cast Iron**  
 Size or number **.563" x 31/32"**

Starting motor drive end bearing—  
 Make or type **Oilless Bushing**  
 Size or number **.500" x .562" x 25/32"**

Starting motor outboard bearing—  
 Make or type .....  
 Size or number .....

Generator commutator end bearing—  
 Make or type **Bushing**  
 Size or number **.5625" x .7835" x 51/64"**

Generator drive end bearing—  
 Make or type **New Departure**  
 Size or number **903203**

Super-charger—  
 Make or type .....  
 Size or number .....

Clutch throwout bearing—  
 Make or type **New Departure**  
 Size or number **954222**

Clutch pilot bearing—  
 Make or type **New Departure**  
 Size or number **907109**

Transmission main shaft pilot bearing—  
 Make or type **Roller 14 Required**  
 Size or number **1294780**

Transmission reverse idler bearing—  
 Make or type **Split Bushing**  
 Size or number **1307898 (.850" x .987" x 3/4")**

Transmission main shaft front bearing—  
 Make or type **New Departure**  
 Size or number **954144**

Transmission main shaft rear bearing—  
 Make or type **New Departure**  
 Size or number **903206**

Transmission countershaft front bearing—  
 Make or type **Roller**  
 Size or number **1302154**

Transmission countershaft rear bearing—  
 Make or type **Roller**  
 Size or number **1302154**

Overdrive shaft rear bearing—  
 Make or type .....  
 Size or number .....

## BEARINGS (cont'd)

Overdrive shaft pilot bearing—  
 Make or type .....  
 Size or number .....

Main shaft extension bearing—  
 Make or type .....  
 Size or number .....

Rear axle pinion shaft front bearing—  
 Make or type **New Departure**  
 Size or number **905607**

Rear axle pinion shaft rear bearing—  
 Make or type **Hyatt**  
 Size or number **126047**

Differential right bearing—  
 Make or type **Hyatt**  
 Size or number **149520**

Differential left bearing—  
 Make or type **Hyatt**  
 Size or number **149520**

Rear wheel inner bearing—  
 Make or type **Hyatt**  
 Size or number **111121 (Inner Race 111122)**

Rear wheel outer bearing—  
 Make or type .....  
 Size or number .....

Front wheel inner bearing—  
 Make or type **New Departure**  
 Size or number **909052 (Cup 909602; Cone 909552)**

Front wheel outer bearing—  
 Make or type **New Departure**  
 Size or number **909001 (Cup 909601; Cone 909501)**

Kingpin upper bearing—  
 Make or type **Split Bushing**  
 Size or number **1266948 (.863" x .987" x 1-1/4")**

Kingpin lower bearing—  
 Make or type **Split Bushing**  
 Size or number **1266949 (.863" x .987" x 1-1/4")**

Kingpin thrust bearing—  
 Make or type **Nice or Hoover**  
 Size or number **134630 or 148393**

Front spring—Bolt—  
 Bushing size .....  
 Bushing type .....

Shackle—  
 Upper end .....  
 Lower end .....

Rear spring—Bolt—  
 Bushing size .....  
 Bushing type .....

Shackle—  
 Upper end .....  
 Lower end .....

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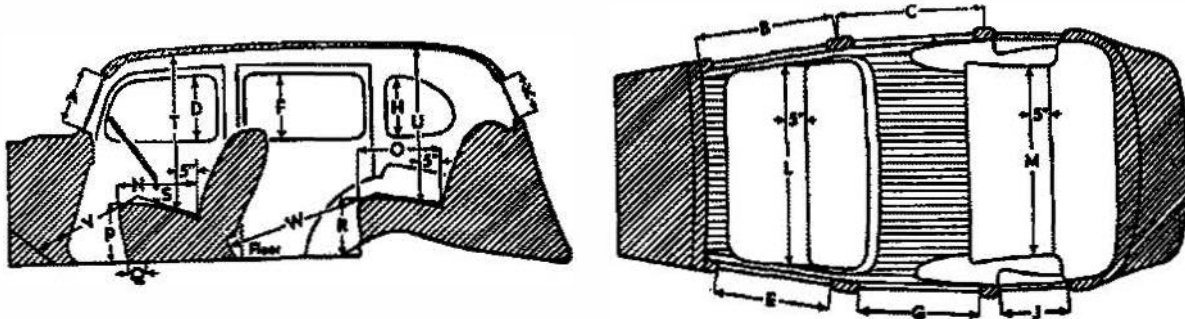
**NOTE: (1) List only that equipment which is included in the factory delivered price. Special equipment which is fitted, but not included in the factory delivered price should be listed with its additional price.**  
**(2) Enter on top line your own model name, or series mark corresponding to Standard, Deluxe or Custom.**

EQUIPMENT	Models		
	Standard	Deluxe	Custom
Catalog Designation of Model.....	Series 50		
Lacquer make .....	Duco		
Body finish, lacquer or synthetic enamel .....	Lacquer		
Fender finish, lacquer or synthetic enamel .....	Lacquer		
Hardware make .....	Terstedt		
Speedometer make .....	AC		
Gasoline gauge make .....	AC		
Thermometer make .....	AC		
Car lock make .....	Briggs & Stratton, or Delco-Remy		
Car lock operates on ignition or ignition and steering .....	Ignition		
Clock make .....	Borg	\$ ?	
Cigar lighter make .....	Gasco		
Safety glass make .....	L.O.F.		
Safety glass type, laminated or tempered .....	Safety Plate Glass		
In windshield .....	Laminated		
In side windows .....	Laminated		
In rear window .....	Laminated		
Bumper make .....	Gordon Mfg. Co., or Std. Steel, or U.S.		Spg. & Bumper
Bumper guard make .....	Guide Lamp		
Car heater make .....	Harrison		
No. of tail lights included .....	2		
No. of visors included .....	2		
No. of horns included .....	2		
No. of windshield wipers included .....	2		
No. of windshield washers included .....	0		
No. of spare tires included .....	1		



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**BODY DIMENSIONS (Five-Passenger, Four-Door Sedan)**



**EXTERIOR**

Overall height, road to roof with no load .....	66-9/16"
Minimum height of floor in front compartment, no load.....	14-15/16"
Minimum height of floor in rear compartment, no load .....	15-3/8"
Distance between hinge centers, front door.....	18-1/4"
Distance between hinge centers, rear door.....	17-3/4"
Windshield opening height (A) .....	15-1/8"
Windshield opening width, to center strip if divided.....	25" Each
Width of front door, at handle (B).....	39-7/8"
Width of rear door, at handle (C) .....	35-1/4"
Height of front door, maximum .....	46-1/8"
Height of rear door, maximum .....	46-1/8"
Height of window opening in front door, maximum (D) .....	13"
Width of window opening in front door, maximum (E) .....	30-3/4"
Height of window opening in rear door, maximum (F) .....	13"
Width of window opening in rear door, maximum (G) .....	30-1/2"
Height of rear quarter window opening, maximum (H).....	None
Width of rear quarter window opening, maximum (J) .....	None
Height of rear window opening, maximum (K).....	12"
Width of rear window opening, maximum (if divided list each).....	37-3/4"

**INTERIOR**

*All interior body dimensions taken with front seat in its rear position*

Width of front seat cushion, measured 5 inches from back (L).....	56-1/2"
Width of rear seat cushion, measured 5 inches from back (M).....	48"
Depth of front seat cushion (N).....	18-3/8"
Depth of rear seat cushion (O).....	19-15/16"
Height of front seat cushion (P) .....	13-3/8"
Front seat horizontal adjustment, inches (Q) .....	4-1/2"
Front seat vertical adjustment, inches .....	-
Height of rear seat cushion (R) .....	12-15/16"
Vertical distance between steering wheel and seat cushion (S) .....	4-9/16"
Head room at front seat, measured 5 inches from back (T).....	36-1/2"
Head room at rear seat, measured 5 inches from back (U).....	36"
Leg room in front seat, measured from 6 inches up on toe board (V) .....	43"
Leg room in rear seat, measured from center of foot rest (W).....	41-1/2"
Width of left front pillar on diagonal with door closed.....	4-1/4"

Note: Cushion height and headroom taken 12" from centerline of car.

Make of Car ..... BUICK ..... Model ..... 1940 SERIES 50 ..... Date Sept. 18, 1939

BODY DETAIL AND EQUIPMENT FORMS

DIRECTIONS

Only standard equipment included in the Factory Delivered price shown in column 3 should be listed on this sheet. Please arrange body types in an ascending price scale with the lowest priced type at the top and the highest priced type at the bottom.

**IMPORTANT**—To save your time, where an item is common to several types, use arrows to indicate the fact as shown in diagrams.

Standard abbreviations may be used where space limitations make this necessary. Where sub-headings such as those shown in column for Body Make are identified with numerals, these numerals may be used in filling in form.

Make	Body Model	Body Make
Crescent 8-40	Roadster	Fisher
	Phaeton	
	Two-door sedan	
	Four-door sedan	
	Coupe	
Crescent 8-30	Coupe with rumble	
	Cabriolet	
	Roadster	Fisher
	Phaeton	
	Two-door sedan	
	Four-door sedan	
	Coupe	
	Coupe with rumble	
	Cabriolet	
	Limousine	
	Landaulet	

MAKE AND MODEL	BODY TYPE List Types on Ascending Price Scale Beginning with the Lowest Price	Factory Delivered Price Including Federal Tax and Handling Charge	Number of Passengers	Wheel-base	Shipping Weight	Seating Arrangement Number See Diagram	No. of Doors	Body Make	Frame Work Steel or Wood	Top Panel		Luggage Compartment		SPARE WHEEL LOCATION 1 Back of Seat 2 Internal rear 3 External rear 4 Fender-Well
										1 Integral With Roof Rails 2 Separate From Roof Rails	3 Behind Front Seat 2 In Rear Deck 3 Both	Capacity, Cu. ft.		
Super 56S	Sport Coupe		6	121		*	2	Fisher	Steel	1	2		2	
Super 51	4-D Tour, Sed.		6	121		4	4	"	"	1	2	16.2	2	

\* Full Rear Seat.

SEATING ARRANGEMENT DIAGRAM

