

# Automobile Manufacturers Association

## Consolidated Specification Questionnaire

### For 1946 Models

### Mechanical Details

Make of Car..... Buick ..... Model .. Series 70 Roadmaster .....

Name of Maker..... Buick Motor Division ..... Address .. Flint, Michigan .....

Date October 31, 1945.....

**NOTE: (1) Subject to Correction:** It is understood that the following data are subject to correction in the case of cars not in production at the time this compilation was requested.

**(2) Only standard equipment included in Factory Delivered price should be included in this questionnaire.**

#### ENGINE

No. of cylinders ..... 8 .....

Valve arrangement ..... In-head .....

Bore ..... 3-7/16 ..... Stroke ..... 4-5/16 .....

Cylinder head, cast iron or aluminum ..... Cast Iron .....

Cylinder sleeve, Yes..... No..... X .....

Piston displacement ..... 320.2 Cu. In .....

Taxable horsepower ..... 37.81 .....

#### Horsepower rating —

To be based on actual performance corrected to 60°F. at sea level (barometric pressure 29.92 inches of mercury) with standard fuel. (Octane No. of fuel. 80.....)

—With Bare Engine—(See Note)

Maximum brake hp. .... 144 ..... at ..... 3600 ..... R.P.M.

—With Standard Accessories—\*

Maximum brake hp. .... 133 ..... at ..... 3300 ..... R.P.M.

\*Those standard accessories needed for normal operation including fan, generator, starter, air cleaner, muffler, manifolds, fuel and water pumps.

#### Maximum torque—

With bare engine, lb. ft. .... 276 ..... at ..... 2000 ..... R.P.M.

With standard accessories,\* lb. ft. 267 ..... at 2000 ..... R.P.M.

#### Compression Ratio—

Standard ..... 6.6 to 1 ..... Optional.....

#### Standard compression pressure —pounds—

At cranking speed ..... 114 .....

At what R.P.M. .... 140 at 1000 RPM .....

#### PISTONS and RINGS

Piston ..... Aluminum Co. of America .....

Make ..... Bohn Aluminum & Brass Corporation .....

Material ..... Aluminum Alloy .....

Features—~~split skirt, invar strut, oval, tin-plated, aluminum oxide finish, auto-thermic, V-Bridge, porous chrome plate, etc.~~ Cam ground Turbulator Top-Trans. Sld .....

Weight—ounces—without rings, pin or bushing.... 17.94.....

Length ..... 4-9/16 .....

Clearance—

Top land ..... .026 ..... to ..... .033 .....

Skirt, top ..... .0023 ..... bottom ..... .0020 .....

Note:— Bare engine is without fan and muffler.

#### PISTONS and RINGS (cont'd)

Piston ring groove depth—

Oil ..... .182 ..... Compression ..... .182 .....

No. of oil rings used per piston ..... 2 .....

Width of oil rings ..... 3/16" .....

Width of oil ring gap ..... .015 .....

No. of compression rings used per piston ..... 2 .....

Width of compression rings ..... 3/32 .....

Width of compression ring gap ..... .015 .....

Maximum wall thickness of oil rings ..... .150 .....

Maximum wall thickness of compression rings ..... upper = .170 lower = .150 .....

Are ring expanders used, Yes..... No..... X .....

#### RODS and PINS

##### Wristpin—

Material ..... C, D, S ..... 1115 .....

Length ..... 3-1/16 ..... Diameter ..... 7/8" .....

Locked in rod, piston or floating ..... Locked in Rod .....

Clearance in piston ..... .0003" ..... to ..... .0004" .....

Clearance in rod ..... — ..... to ..... — .....

##### Connecting rod—

Length—center to center ..... 8-1/4" .....

Material ..... H, R, S ..... 1045 .....

Weight—ounces ..... 35.584 .....

##### Crankpin journal—

Diameter ..... 2-1/4 ..... Length ..... 1-5/16 .....

##### Lower bearing—

Material ..... Babbitt .....

Clearance ..... .0008" ..... to ..... .0018" .....

End play ..... .005" ..... to ..... .010" .....

Ship—solid, laminated or none ..... Solid .....

Spun or separate ..... Centrifugal Cast .....

Rods and pistons removed from above or below ..... Above .....

#### CRANKSHAFT

Material ..... 1045 H, R, S .....

Weight—stripped ..... 114.0 .....

Vibration dampener used—yes or no ..... Yes .....

Type ..... Laminated steel flywheel supported on steel leaf springs .....

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CRANKSHAFT (cont'd)

Crankshaft counterweights used, number of 8  
 Which main bearing takes thrust Center  
 Crankshaft end play .004-.008  
 Main bearing—  
 Type: Cast-in or Slip-in X  
 If slip-in: Removable from below Yes  
 Necessary to align ream No  
 Material Steel backed Durex  
 Clearance .0007"-.0025"  
 Shim—solid, laminated or none Solid  
 Main bearing journal diameter x length—  
 No. 1 2-9/16 x 1-9/32  
 No. 2 2-5/8 x 31/32  
 No. 3 2-11/16 x 1-15/32  
 No. 4 2-3/4 x 31/32  
 No. 5 2-13/16 x 2-15/32  
 No. 6  
 No. 7  
 No. 8  
 No. 9  
 Crankshaft gear or sprocket—  
 Make Link Belt  
 Material C, D, S, 1112

CAMSHAFT

Camshaft gear or sprocket—  
 Make Link Belt  
 Material Cast Iron 13 M  
 Timing chain—  
 Make Link Belt  
 Number of links 50  
 Width 1"  
 Pitch .500

VALVES

INTAKE VALVE—  
 Make Thompson or Rich  
 Material 3140  
 Overall length 5-1/4  
 Actual overall diameter of head 1-25/32  
 Minimum port diameter 1-3/8  
 Angle of seat 45°  
 Is valve seat an insert? No  
 Stem diameter .3720  
 Stem to guide clearance .0015 to .0035  
 Lift .347  
 Spring pressure and length—  
 Outer—

VALVES (cont'd)

With valve closed—lb. 32 ins. 1-15/16  
 With valve open—lb. 77 ins. 1-19/32  
 Length out of engine—ins. 2-11/32  
 Inner—  
 With valve closed—lb. 20 ins. 1-21/32  
 With valve open—lb. 51 ins. 1-5/16  
 Length out of engine—ins. 1-29/32

EXHAUST VALVE—

Make Thompson or Rich  
 Material X, C, R, or 2112  
 Overall length 5-1/4  
 Actual overall diameter of head 1-7/16  
 Minimum port diameter 1-1/16  
 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. 32 ins. 1-15/16  
 With valve open—lb. 77 ins. 1-19/32  
 Length out of engine—ins. 2-11/32  
 Inner—  
 With valve closed—lb. 20 ins. 1-21/32  
 With valve open—lb. 51 ins. 1-5/16  
 Length out of engine—ins. 1-29/32

Operating tappet clearance (hot or cold)—intake .015 hot  
 Tappet clearance for valve timing—intake .015  
 Operating tappet clearance (hot or cold)—exhaust .015 hot  
 Tappet clearance for valve timing—exhaust .015  
 Hydraulic valve lifters—yes or no No  
 Valve timing—  
 Intake opens 14 degrees BUDC piston travel inches  
 Intake closes 71 " ALDC " " inches  
 Exhaust opens 56 " BLDC " " inches  
 Exhaust closes 25 " AUDC " " inches  
 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  
 Wristpins—yes or no No  
 Camshaft bearings—yes or no Yes  
 Tappets—yes or no No

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**LUBRICATION (cont'd)**

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 / 10% kerosene  
 Normal oil pressure—*lbs. at M.P.H.* 45 at 35 M.P.H.  
 Pressure at which relief valve opens 45  
 Capacity of oil reservoir—*quarts, dry* 8 *refill* 7  
 Oil pressure gauge make A.C.  
 Oil reservoir level gauge type Stick  
 Floating type oil intake—*yes or no* Yes  
 External oil filter make None  
 Other type of oil cleaner None  
 Oil cooler make None  
 Chassis lubrication—*Make* Lincoln

**FUEL**

Gasoline tank—*capacity* 19 gallons  
 Fuel feed—  
 Type—*vacuum tank, electric pump, gravity vacuum pump or camshaft pump* Camshaft pump  
 Make A.C. Model Type A J  
 Carburetor—  
 Make Stromberg or Carter Model AAV-26 or WCD-609S  
 Number used 1  
 Size 1-1/4"  
 Type—  
 Up or down draft Down Single or dual Dual  
 Intake manifold heat control—*manual, automatic or none* Automatic  
 Automatic choke, make Stromberg or Carter Model A.C.  
 Air cleaner—*intake silencer make* Carter A.C.  
 Type—*dry felt; oil bath; oil coated fibre* Oil bath  
 Heavy Duty type—*Make* Model  
 Muffler make  
 Tail pipe diameter 2"

**COOLING**

Water pump—  
 Type Centrifugal Ball Bearing-Spring loaded seal  
 Drive Single Belt  
 Is pump equipped with packing nut No  
 Water circulation thermostat make Harrison  
 Pressure relief valve—*yes or no* Yes  
 By-pass for recirculation—*yes or no* Yes  
 Radiator core—  
 Type Vee Cellular  
 Make Harrison

**COOLING (cont'd)**

Cooling system—*capacity, quarts* 16-3/4  
 Water jackets full length of cylinders—*yes or no* No  
 Water all around cylinder—*yes or no* Yes  
 Lower radiator hose—  
 Inside diameter 1-9/16" Length Elbow type  
 Upper radiator hose—  
 Inside diameter 1-9/16" Length Elbow type  
 Fan belt—  
 Make Various  
 Angle of vee  
 Length, outside Width, maximum  
 Fan—  
 Make Hayes Industries, No. of Blades 4

**IGNITION**

Ignition units—  
 Make Delco Remy Model 1110801  
 Manual or octane selector, *degrees advance* retard  
 Maximum centrifugal advance crankshaft, *degrees* 22-26  
 at 3000 engine R.P.M.  
 Inches of Mercury Necessary to operate Vacuum Advance (Plus or minus 1 inch) 6 to start; 12 for full travel  
 Maximum Vacuum advance crankshaft, *degrees* 10-12  
 Breaker gap .015 Breaker arm tension 19-23 oz.  
 Cam angle 31 deg.  
 Timing—*Breaker points open* 6 degrees crankshaft rotation  
 inches-piston-travel (after or before) top center  
 with octane selector in the position  
 Timing mark location—*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  
 Spark plug—  
 Thread—10 m.m., 14 m.m. or 18 m.m. 14 MM  
 Make A.C. Model 48  
 Gap .025  
 Ignition cable make Packard

**BATTERY**

Make Delco Remy Model 17E2-W  
 Capacity—*ampere hours* 120 @ 20 hour rate  
 Number of plates per cell 17  
 Bench charging rate—  
 Start 7 If gassing Finish not more than 7  
 Which battery terminal is grounded Negative  
 Location of battery Under hood

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**STARTING MOTOR**

Make Delco Remy Model 1107929  
 Normal engine cranking speed 90  
 Brush spring tension 26 oz.  
 Lock test—  
 Amperage draw 600  
 Volts 3  
 Torque in pounds feet 16  
 No load test—  
 Amperage draw 65  
 Volts 5 R.P.M. 5500  
 Type of drive—~~Belt~~ sliding gear with overrunning clutch  
 Starting device—Solenoid, manual, etc. Solenoid  
 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  
 Starting motor pinion meshes front or rear Front  
 No. of teeth in flywheel 156  
 Face width of flywheel teeth 43/64  
 Gear ratio between starter armature and flywheel 17.33-1

**GENERATOR**

Make Delco Remy Model 1102668  
 Type—third brush, shunt, etc. Shunt  
 Brush spring tension 26 oz.  
 Current regulator, voltage regulator or current and voltage control unit Current & voltage  
 Maximum controlled charging rate  
 Temperature Hot or cold  
 Amperes 32-34  
 Voltage 8  
 R.P.M. 2400 app.  
 Cutout relay—  
 Voltage at closing 6.2-6.7  
 Amperes to open, reverse current 0-4 dis.  
 Air gap .018"-.022"  
 Voltage regulator—  
 Volts 7.2-7.4  
 Temperature 150° F.  
 Air gap .070-.075  
 Current regulator—  
 Amperes 32-34  
 Temperature 150° F.  
 Air gap .080"-.085  
 Car speed for maximum charging rate 25  
 Ammeter or charge indicator make A.C.

**LAMPS**

Lighting switch make Delco Remy  
 Are tail and dash lights in series Parallel-yes  
 Headlights—  
 Make Guide Lamp  
 Location—in fender, in carwalk, or radiator shell In fender  
 Parking or fender light make Guide Lamp  
 Tail and stop light make Guide Lamp  
 Horn—  
 Type—vibrator or motor Vibrator No. used 2  
 Make Delco Remy  
 Amperage draw of each Left-18 Right-20

**CLUTCH**

Make Buick (Disc by Long or Borg & Beck)  
 Drive type—  
 Direct to flywheel face Yes  
 Through fluid flywheel No  
 Semi-centrifugal No  
 Power operated unit—make None  
 Vibration insulation or neutralizer—fabric, rubber blocks or springs Springs  
 No. of clutch driving discs One & flywheel  
 No. of clutch driven discs One  
 Clutch facing—  
 Material—woven or moulded asbestos, cork Woven  
 Inside diameter 6-1/2"  
 Outside diameter 10-1/2"  
 Thickness .125"  
 No. required 2

**TRANSMISSION**

Transmission—  
 Make Own Model Series 70  
 No. of forward speeds 3  
 Manual shift—yes, no Yes  
 Automatic or auxiliary shifting mechanism—yes, no no X  
 If yes, Make  
 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  
 Transmission ratio—  
 In overdrive In second 1.53-1  
 In third Direct In fourth  
 In low 2.39-1 In reverse 2.53-1

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TRANSMISSION (cont'd)

Constant mesh gears on second Yes  
 Spur or helical gears—  
     For second speed Helical  
     For first speed " "  
     For reverse speed " "  
     For all speeds " "  
 Synchronous meshing/and third gears second Yes  
 Transmission oil—  
     Capacity—pints 2-1/2  
     Grade recommended—S.A.E. viscosity  
         Summer \* Winter \*  
 Universal joints—  
     Make Saginaw  
     Number used One  
     Type—metal with anti-friction Metal with  
         bearing or metal with plain bearing plain bearing  
     Lubricated with Transmission lubricant  
 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 70  
     Type—Semi, full or three-quarter floating Semi-floating  
 Minimum road clearance under center of rear  
     axle—tires inflated 7-23/32  
 Rear axle oil—  
     Capacity—pints 3 lbs.  
     Grade and type recommended—S.A.E. viscosity  
         Summer \* Winter \*  
 Type of gearing—spiral bevel, worm, hypoid Hypoid  
 Gear ratio—standard 5-passenger 4-door sedan 4.1-1  
     Optional gear ratios None  
 Number of teeth—  
     In ring gear 41 In pinion 10  
     How is pinion adjusted—screw or shims Shims  
     How is pinion bearing adjusted—screw or shims None  
     Are pinion bearings carried in sleeve No  
     Backlash between pinion and ring gear .006" to .010"

TIRES and WHEELS

Tires—  
     Make U.S., Firestone and Goodrich  
     Size 15 x 7.00 No. of plies 4  
     Transmission and Rear Axle Recommended Lubricant

\* For temp. above minus 10°F. use SAE 90 all purpose gear lubricant.  
 \* For temp. below minus 10°F. use SAE 80 all purpose gear lubricant.  
 \*\* — For winter driving add 2 lbs. to above tire pressures.

TIRES and WHEELS (Cont'd)

	Cold	Warm	Cold	Warm
** Inflation pressure—Front	25	28	Rear 25	28
Rim—Diameter	15"		Width 6.50" L.	

SPRINGS

FRONT SPRING—

Independent or conventional suspension Independent  
 Type—coil, semi-elliptic, transverse, torsion Coil  
 Make Own  
 Material Steel 9260  
 Torsional stabilizer at front Yes  
 If leaf—  
     Length Width  
     Number of leaves—5-passenger, 4-door sedan  
     Are radius rods used on axle  
 If coil—  
     Free length 14-3/8"  
     Length under curb weight 10"

REAR SPRING—

Independent or conventional suspension Coil Spring Susp.  
 Type—coil, semi-elliptic, transverse, torsion Coil  
 Make Own  
 Material Steel 9260  
 Torsional stabilizer at rear No  
 If leaf—  
     Length Width  
     Number of leaves—5-passenger, 4-door sedan  
 Spring leaves lubricated with  
 Spring cover, Yes No  
 Spring shackles—  
     Front—Type Make  
     Rear—Type Make  
 Spring bolts—  
     Type  
 If coil—  
     Free length 18-1/4"  
     Length under curb weight 10"  
     Rate for above 125 pounds per inch  
 Shock absorbers—  
     Make Delco  
     Type, one way with lever, two way with lever, or direct acting  
         Front Two way with lever  
         Rear Two way with lever  
     Fluid capacity (oz.)—front 157 CC rear 157 CC

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**STEERING**

Steering gear—  
 Type Ball Bearing Worm and Nut  
 Make Saginaw Model Series 70  
 Ratio 19.8-1  
 Lubricant recommended Steering gear lubricant  
 Steering wheel diameter 18"  
 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 4-1/2  
 Car turning radius—feet—right, left or both Rt. 21.35 L-21.35  
 Caster—degrees 3/8 to 3/8  
 Camber—degrees or 1/8 Rev. inches to 1-1/8 pos.  
 Toe-in—inches 0 to 1/16  
 Crosswise inclination of kingpin—degrees 4-1/8 at 1/2° camber  
 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 None  
 Brake lining moulded, semi-moulded or woven—  
 Primary shoe Woven  
 Secondary shoe Moulded  
 Drum—  
 Material Cast Iron Diameter 12"  
 Lining—  
 Length per wheel 23-1/16

**BRAKES (cont'd)**

Width 2-1/4 Thickness 3/16  
 Clearance—toe .015 heel .015  
 Total foot braking area 207.6  
 Percent braking power on rear wheels 47  
 Parking brake  
 Hand lever operates on—transmission, separate rear brakes, rear service brakes or all-four service brakes Rear service  
 Hand brake, if separate from service brake—  
 Internal or external .....  
 Drum diameter .....  
 Lining—  
 Length per drum .....  
 Width ..... Thickness .....  
 Clearance .....

**FRAME and OTHER GENERAL DATA**

Frame—  
 Depth—maximum 6-3/16"  
 Thickness—maximum 5/32  
 Flange width—maximum 2-1/4"  
 Wheelbase 129"  
 Tread—  
 Front 59-1/8"  
 Rear 62-3/16"  
 Weight of standard 5-passenger, four-door sedan—  
 Shipping .....  
 Curb .....  
 Price of standard 5-passenger, 4-door sedan .....  
 First serial number, this series Flint 14364445  
 Serial number location Under hood-stamped on upper right side of shroud,  
 Overall length of car—  
 With bumpers and bumper guards 217-1/8  
 Overall width of car 78-5/8"  
 Overall height, road to roof with no load 65-9/64

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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

Water pump/and Fan bearing—  
 Make or type New Departure 885156  
 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 15/16  
 Starting motor drive end bearing—  
 Make or type Oilless Bushing  
 Size or number .563" x .625" x 3/4"  
 Starting motor <sup>middle</sup> ~~outside~~ bearing—  
 Make or type Oilless Bushing  
 Size or number .7575" x .812" x 23/32"  
 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 3203  
 Size or number 903203  
 Transmission main drive gear front pilot bearing—  
 Make or type New Departure 7109  
 Size or number 907109  
 Clutch throwout bearing—  
 Make or type CTDS-48 BCA  
 Size or number 1302299  
 Transmission main drive gear rear bearing—  
 Make or type New Departure 47507-x57  
 Size or number 954114  
 Transmission main shaft front pilot bearing—  
 Make or type Roller  
 Size or number 1294780  
 Transmission main shaft rear bearing—  
 Make or type New Departure 43306  
 Size or number 954120  
 Transmission countershaft front bearing—  
 Make or type Roller  
 Size or number 1298445  
 Transmission countershaft rear bearing—  
 Make or type Roller  
 Size or number 1298445  
 Transmission reverse idler bearing—  
 Make or type Bushing

BEARINGS (cont'd)

Size or number 1321609 or 553119  
 Overdrive shaft rear bearing—  
 Make or type .....  
 Size or number .....  
 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 Bower or Hyatt  
 Size or number 1317716 or 187434  
 Differential left bearing—  
 Make or type Bower or Hyatt  
 Size or number 1317716 or 187434  
 Rear wheel inner bearing—  
 Make or type Hyatt  
 Size or number 111121  
 Rear wheel outer bearing—  
 Make or type .....  
 Size or number .....  
 Front wheel inner bearing—  
 Make or type New Departure  
 Size or number 909762  
 Front wheel outer bearing—  
 Make or type New Departure  
 Size or number 909725  
 Kingpin upper bearing—  
 Make or type Split Bushing  
 Size or number 1266949  
 Kingpin lower bearing—  
 Make or type Split Bushing  
 Size or number 1266949  
 Kingpin thrust bearing—  
 Make or type Hoover 3021 or Nice 4984  
 Size or number 148393 or 134630

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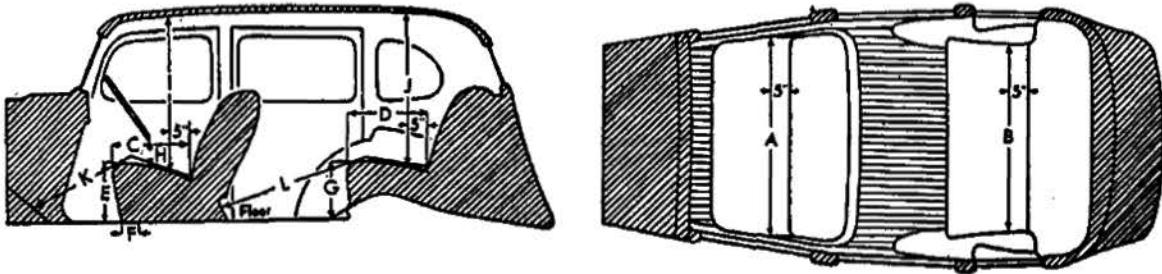
NOTE: (1) List only that equipment which is included in the factory delivered price. Special equipment which is fitted, but not included in the factory delivered price should be listed with its additional price.  
 (2) Enter on top line your own model name, or series mark corresponding to Standard, DeLuxe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

EQUIPMENT	Models		
	Standard	DeLuxe	Custom
Catalog Designation of Model .....	Series 70		
Lacquer make .....	Duco		
Body finish, <i>lacquer or synthetic enamel</i> .....	Lacquer		
Fender finish, <i>lacquer or synthetic enamel</i> .....	Lacquer		
Hardware make .....	Ternstedt		
Speedometer make .....	A-C		
Gasoline gauge make .....	A-C		
Thermometer make .....	A-C		
Car lock make .....	Briggs & Stratton or Delco Remy		
Car lock operates on ignition or ignition and steering .....	Ignition		
Clock make .....	Borg		
Cigar lighter make .....	Casco		
Safety glass make .....	L.O.F.		
Safety glass type, <i>laminated or tempered</i> .....	Safety plate glass		
In windshield .....	Laminated		
In side windows .....	Laminated		
In rear window .....	Tempered		
Bumper make .....	Std. Steel Spg. Co. or Gordon Mfg. Co.		
Bumper guard make .....	Guide Lamp		
Car heater make .....	Type		
Direction signal make .....	Guide Lamp		
Front—yes or no. YES .....			
Rear—yes or no. YES .....			
No. of tail lights included .....	2		
No. of visors included .....	2		
No. of horns included .....	2		
No. of windshield wipers included .....	2		
No. of spare tires included .....	None		



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



**INTERIOR**

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

Width of front seat cushion, measured 5 inches from back (A) ... (door to door) .....	62 .....
Width of rear seat cushion, measured 5 inches from back (B) .....	52 .....
Depth of front seat cushion (C) .....	18 .....
Depth of rear seat cushion (D) .....	20 .....
Height of front seat cushion measured 12½ inches from center line of body (E) .....	11-7/16 .....
Front seat horizontal adjustment, inches (F) .....	4-1/2 .....
Front seat vertical adjustment, inches .....	1/4 .....
Height of rear cushion measured 12½ inches from center line of body (G) .....	11-3/4 .....
Vertical distance steering wheel and seat cushion (H) .....	5-7/8 .....
Head room at front seat, measured 5 inches from back (I) .....	37-1/4 .....
Head room at rear seat, measured 5 inches from back (J) .....	34-3/4 .....
Leg room in front seat, measured from 6 inches up on toe board, following contour of seat cushion (K) .....	42-1/4 .....
Leg room in rear seat, measured from center of foot rest, following contour of seat cushion (L) .....	43-3/8 .....
Trunk capacity, cubic feet .....	15 .....
Width of left front pillar on diagonal with door closed .....	4-1/4 .....

Make of Car. Buick Model Series 70 Roadmaster Date October 31, 1945

**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 8-80	Roadster	Fisher
	Phaeton	
	Two-door sedan	
	Four-door sedan	
	Coupe	
	Coupe with rumble	
	Cabriolet	
	↓	
	Crescent 8-80	Fisher
	Roadster	
	Phaeton	
	Two-door sedan	
	Four-door sedan	
	Coupe	
	Coupe with rumble	
	Cabriolet	
	↓	
	Limousine	Fleetwood
	Landulet	LeBaron

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 Below	Body Make
Roadmaster 76S	Sedonet		6	129		3	Fisher
Roadmaster 71	4-Door Sedan		6	129		4	Fisher
Roadmaster 76C	Conv. Coupe		6	129		3	Fisher

**SEATING ARRANGEMENT NUMBERS**

- 1—Two-door car with no rear seat.
- 2—Two-door car with rumble seat.
- 3—Two-door car with conventional rear cushion.
- 4—Four-door car with cushions front and rear.
- 5—Four-door car with cushions front and rear plus two auxiliary seats folding into front seat back.
- 6—Two-door car with two opera seats folding into sides of body.
- 7—Two-door car with two opera seats folding into rear of body.
- 8—Two-door car with one opera seat folding into rear of body and other seat stationary.
- 9—Two-door car with rear stationary seat for one passenger.