

# GROUP 0

## INTRODUCTION – GENERAL INFORMATION

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### INTRODUCTION

This manual is divided into major *Groups*, *Sections*, and *Paragraphs* as explained below. The purpose of this arrangement is to bring related subjects closely together in accordance with the usual methods of performing service operations, and consequently to present information in a logical and easily understood order.

Any desired subject in this manual may be

located by reference to the alphabetical index at back of manual.

Any desired subject also may be located by turning to the first page of the appropriate *Group* where contents of the *Group* are listed. Where the *Group* is divided into *Sections* the first page of each *Section* lists the contents of the *Section*.

**1. GROUPS.** The manual is divided into the consecutively numbered major *Groups* shown on the preceding title page. To locate the first page of a *Group*, bend the manual until the black tab on first page of group can be seen in line with the *Group* title on title page.

The first page lists the contents of the *Group*.

**2. SECTIONS.** Large *Groups* are divided into appropriate *Sections* as shown on first page of the group. *Sections* bear the *Group* number and letters A, B, C, etc., in alphabetical order.

The first page of each *Section* lists the contents of section.

**3. PARAGRAPHS.** Each *Group* is divided into appropriate *Paragraphs* which are numbered consecutively within the *Group*, whether or not the group is divided into sections.

*Paragraph* titles and page numbers are listed on the first page of each *Section* if used, or on first page of the *Group* if sections are not used.

**4. SUB-PARAGRAPHS.** Where necessary for clarity, or distinction between models, *Paragraphs* are divided into appropriately titled *Sub-paragraphs*. These are usually lettered in alphabetical order within the paragraph.

**5. PAGE AND ILLUSTRATION NUMBERS.** Pages and illustrations are numbered consecutively within each *Group*. The number consists of the *Group* number followed by the *Page* or *Figure* number. Page numbers are printed in the upper *outer* corners of all pages. The small folio numbers at inner edges of pages are for printer's use only and are not used for reference in the manual.

**6. CROSS REFERENCES.** All references to information in other parts of manual are made by *Paragraph Number*, to avoid the necessity of first referring to the alphabetical index for location. Paragraph references are usually given in parentheses, for example: (par. 7-15) refers to the 15th paragraph in *Group* 7, "Chassis Suspension".

**7. SERVICE BULLETIN REFERENCE.** Space is provided on first page of each *Section* (or single section *Group*) for insertion of a reference to any B.P.S. bulletin which relates to the subjects covered by the section.

**8. SPECIAL TOOLS.** Unless otherwise indicated, all special tools identified by tool numbers in the manual are available through Kent-Moore Organization, Inc., General Motors Building, Detroit 2, Michigan.

### **MANUFACTURER'S WARRANTY**

It is expressly agreed that there are no warranties, expressed or implied, made by either the Dealer or the Manufacturer on the Buick motor vehicles, chassis or parts furnished hereunder, except the Manufacturer's Warranty against defective materials or workmanship as follows:

*"The Manufacturer warrants each new motor vehicle, including all equipment or accessories (except tires) supplied by the Manufacturer, chassis or part manufactured by it to be free from defects in material and workmanship under normal use and service, its obligation under this warranty being limited to making good at its factory any part or parts thereof which shall, within ninety (90) days after delivery of such vehicle to the original purchaser or before such vehicle has been driven 4,000 miles, whichever event shall first occur, be returned to it with transportation charges prepaid and which its examination shall disclose to its satisfaction to have been thus defective; this warranty being expressly in lieu of all other warranties, expressed or implied, and all other obligations or liabilities on its part, and it neither assumes nor authorizes any other person to assume for it any other liability in connection with the sale of its vehicles.*

*"This warranty shall not apply to any vehicle which shall have been repaired or altered outside of an authorized Buick Service Station in any way so as in the judgment of the Manufacturer to affect its stability and reliability, nor which has been subject to misuse, negligence or accident.*

The Manufacturer has reserved the right to make changes in design or add any improvements on motor vehicles and chassis at any time without incurring any obligation to install same on motor vehicles and chassis previously purchased.

## 1955 CAR MODELS

Model	Designation	Illustrated on Page No.
SPECIAL—SERIES 40 (Dynaflow optional)		
41	4-Door 6-Passenger Sedan	0-4
46C	2-Door 6-Passenger Convertible Coupe	0-4
46R	2-Door 6-Passenger Riviera	2-44
48	2-Door 6-Passenger Sedan	2-44
49	4-Door 6-Passenger Estate Wagon	5-63
CENTURY—SERIES 60 (Dynaflow optional)		
61	4-Door 6-Passenger Sedan	5-63
66C	2-Door 6-Passenger Convertible Coupe	5-64
66R	2-Door 6-Passenger Riviera	5-64
69	4-Door 6-Passenger Estate Wagon	9-22
SUPER—SERIES 50 (Dynaflow optional)		
52	4-Door 6-Passenger Riviera Sedan	9-32
56C	2-Door 6-Passenger Convertible Coupe	9-32
56R	2-Door 6-Passenger Riviera	11-20
ROADMASTER—SERIES 70 (Dynaflow standard)		
72	4-Door 6-Passenger Riviera Sedan	11-20
76C	2-Door 6-Passenger Convertible Coupe	12-8
76R	2-Door 6-Passenger Riviera	12-8

## GENERAL SPECIFICATIONS

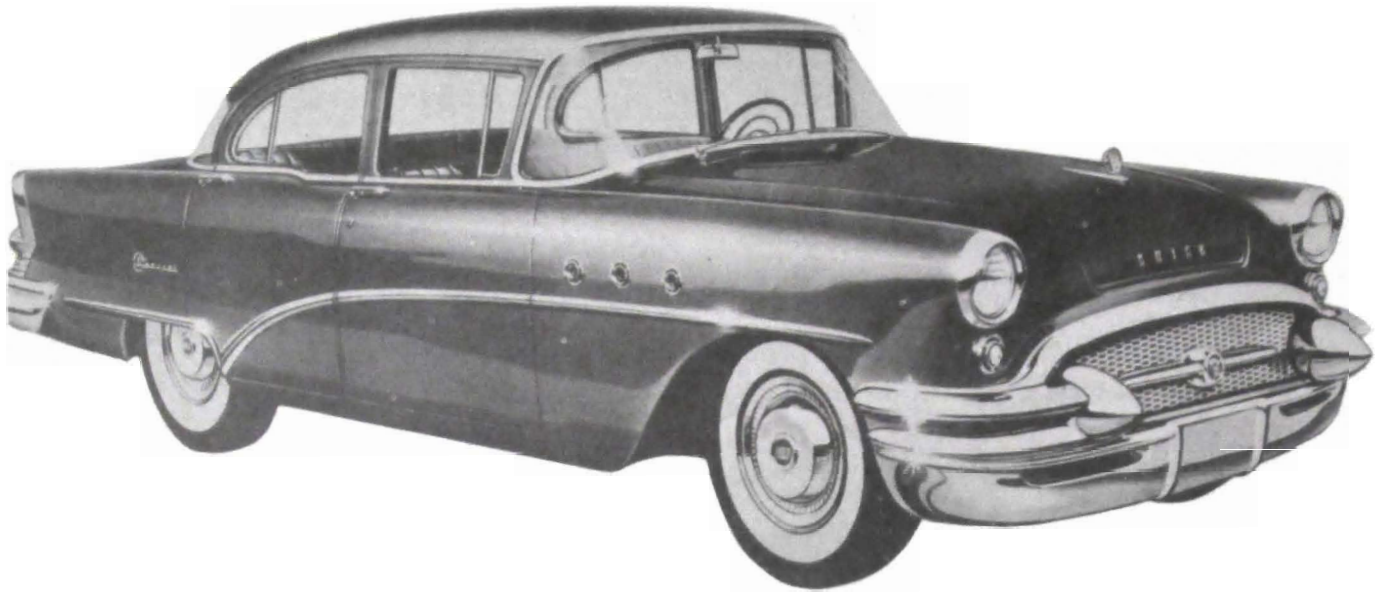
Items	Series 40-60	Series 50	Series 70
Wheelbase	122"	127"	127"
Tread—Front	59"	59"	59"
Tread—Rear	59"	62.2"	62.2"
Length Over Bumpers	206.0"	215.8"	215.8"
Width Over-all at Widest Point	76.0"	80.0"	80.8"
Height Over-all, Roof to Road, at Curb Weight	60.5"	62.5"	62.5"
Front Overhang (C.L. of Wheels to Front of Bumper)	35.3"	35.3"	35.3"
Rear Overhang (C.L. of Wheels to Rear of Bumper)	48.7"	53.5"	53.5"
Ground Clearance, at Normal Load:	(40)	(60)	
Steering Tie Rod, at Pitman Arm	7.21"	7.45"	7.45"
Lower Crankcase	6.59"	6.83"	6.83"
Flywheel Lower Housing	6.35"	6.59"	6.59"
Frame Side Rail, Lowest Point	6.67"	6.91"	6.91"
Rear Axle Housing, Center	7.57"	7.81"	7.81"
Gas Tank	8.37"	8.65"	8.69"
Tail Pipe, Rear End	9.13"	9.37"	8.97"

## CAR AND ENGINE SERIAL NUMBERS

The *car serial number* is on a plate attached to the body on left front door hinge pillar. The first digit of serial number indicates where car was built: 1=Flint, 2=Southgate, 3=Linden, 4=Kansas City, 5=Wilmington, 6=Atlanta, 7=Framingham.

The *engine serial number* is stamped on a machined surface on the top outer edge of the

left cylinder bank, between the middle branches of exhaust manifold. The last digit of engine serial number is 4 for Series 40, 5 for Series 50, 6 for Series 60, 7 for Series 70. A stamped  $\frac{1}{4}$ " long dash (—) directly following the engine serial number indicates a .010" O.S. production engine.



**Model 41**

