

AMA Specifications – Passenger Car

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown below. This uniform specification form was developed by the automobile manufacturing companies under the auspices of the Automobile Manufacturers Association.

MANUFACTURER BUICK MOTOR DIVISION GENERAL MOTORS CORPORATION	CAR NAME BUICK GRAN SPORT MODELS	
MAILING ADDRESS 1051 East Hamilton Avenue Flint, Michigan 48550	MODEL YEAR 1965	ISSUED: 1-10-65 REVISED (e)

NOTES:

1. The Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.

TABLE OF CONTENTS

General Specifications 1	Drive Units 15	Rear Suspension 21	Weights 23
Engine - Mechanical 2	Brakes 18	Station Wagon 1a	Index 24
Electrical 10	Front Suspension & Steering . . 19		

BODY—TYPES AND STYLE NAMES—

Body type, number of passenger & style names; use manufacturer's code for series & body style.

MODEL

SKYLARK

44427	2 Door 4 Window Thin Pillar Notchback Coupe
44437	2 Door 4 Window Hardtop Coupe
44467	2 Door 4 Window Convertible Coupe

RIVIERA

49447	2 Door 4 Window Pillarless Coupe
-------	----------------------------------

AMA Specifications — Passenger Car

MAKE OF CAR BUICK MODEL YEAR 1965 DATE ISSUED 1-10-65 REVISED(•) _____

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL		Additional Information Page No.:	GRAN SPORT			
			SKYLARK			RIVIERA
			44427	44437	44467	49447
Wheelbase (L101)		23	115.0			117.0
Tread	Front (W101)	22	58.0			60.15
	Rear (W102)	22	58.0			59.0
Maximum Overall Dimensions	Length (L103)	23	203.4			209.0
	Width (W103)	22	73.9			77.0
	Height (H101)	24	53.5	53.6		52.1
Transmission— (Specify trade name - opt., not available)	Manual	15	(a) 3 Speed (Standard)			N.A.
	Overdrive	16	Not Available			
	Automatic	16	Super Turbine Optional			Super Turbine Std.
Axle ratio	Manual	17	3.36			N.A.
	Overdrive	17	Not Available			
	Automatic	17	3.08			3.42
Tire size		18	7.75-14			8.45-15
Engine	Type, no. cyl., valve arr.	2	V8 - 90° In-Head			
	Fuel system (Carb., other)	8	Carburetor			
	Bore and stroke	2	4.1875 x. 3.640			4.3125 x 3.640
	Piston displ., cu.in.	2	401			425
	Std. compression ratio	2	10.25			
	Max. bhp at engine rpm	2	325 @ 4400			360 @ 4400
	Max. torque at rpm	2	445 @ 2800			465 @ 2800

(a) 4 Speed Manual Optional

AMA Specifications — Passenger Car

MAKE OF CAR BUICK MODEL YEAR 1965 DATE ISSUED 1-10-65 REVISED (•) _____

GENERAL SPECIFICATIONS — DIMENSIONS

(All dimensions in inches unless otherwise indicated)
(Supplemental data available on request)

MODEL	Ref. No.	G. S. Skylark			G. S. Riviera
		44427	44437	44467	49447

FRONT COMPARTMENT

Description	Ref. No.	G. S. Skylark		G. S. Riviera
Shoulder room	W3	58.2		56.2
Max. eff. leg room - accelerator	L34	41.3		40.1
Effective head room	H61	37.6	38.4	38.0
H Point to Heel point	H30	8.1		7.5
Upper body opening to ground	H50	49.5	49.6	49.2

REAR COMPARTMENT

Description	Ref. No.	G. S. Skylark		G. S. Riviera
Shoulder room	W4	56.5	45.6	55.8
H Point couple distance	L50	31.31		32.1
Minimum effective leg room	L51	33.3	33.2	34.7
Effective head room	H63	36.6		37.4

STATION WAGON—THIRD SEAT

Description	Ref. No.	G. S. Skylark		
Shoulder room	W85	No Wagons Used		
Effective leg room	L86	No Wagons Used		
Effective head room	H86	No Wagons Used		

LUGGAGE COMPARTMENT

Description	Ref. No.	G. S. Skylark		
Usable luggage capacity (See Instr.)	V1	14.1	12.9	10.2
Liftover height	H195	30.4		28.4
Position of spare tire storage		Horizontal		
Method of holding lid open		Torsional Bar (Spring Loaded)		

STATION WAGON—CARGO SPACE

Description	Ref. No.	G. S. Skylark		
Minimum distance between wheel houses at floor level	W201	No Wagons Used		
Rear end opening width at belt	W204	No Wagons Used		
Floor length from back of front seat at floor level to inside of closed tail gate	L202	No Wagons Used		
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	No Wagons Used		
Maximum height - floor covering to headlining at centerline of rear axle	H201	No Wagons Used		
Maximum height of rear opening - tail and lift gates open	H202	No Wagons Used		
Cargo volume index (cu.ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	No Wagons Used		

AMA Specifications—Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (*)	
							Gran Sport
							Skylark
							Riviera
MODEL	44427	44437	44467				49447

ENGINE—GENERAL

Type, no. cyls., valve arr.	V8 - 90° In-Head	
Bore and stroke (nominal)	4.1875 x 3.640	4.3125 x 3.640
Piston displacement, c.u. in.	401	425
Bore spacing (C/L to C/L)	4.750	
No. system (front to rear)	L. Bank	2-4-6-8
	R. Bank	1-3-5-7
Firing order	1-2-7-8-4-5-6-3	
Compres. ratio (nominal)	10.25	
Cylinder Head Material	Cast Iron	
Cylinder Block Material	Cast Iron	
Cylinder Sleeve—Wet, dry, none	None	
Number of mounting points	Front	Two
	Rear	One
Engine installation angle	4° 37'	4° 24' 50"
Taxable horsepower <small>Dia. 2 x No. Cyl. 2.5</small>	56.11	59.51
Published max. bhp* @ eng. RPM	325 @ 4400	360 @ 4400
Published max. torque* (lb. ft. @ RPM)	445 @ 2800	465 @ 2800
Recommended fuel regular - premium	Premium	
Idle speed (spec. neutral or drive)	Manual	500
	Automatic	500 (Drive)
		N.A.

ENGINE—PISTONS

Material	Cast Aluminum Alloy		
Description and finish	Cam Ground - Transverse Slot - Divorced Skirt		
Weight (piston only) oz.	23.68	25.31	
Clearance (limits)	Top land	.034 - .042	
	Skirt	Top	.001 - .0016
		Bottom	.002 - .0036
Ring groove depth	No. 1 ring	.211 - .219	
	No. 2 ring	.214 - .221	
	No. 3 ring	.214 - .221	
	No. 4 ring	None	

*Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

AMA Specifications – Passenger Car

MAKE OF CAR BUICK MODEL YEAR 1965 DATE ISSUED 1-10-65 REVISED(•)

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first)
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		
<u>SKYLARK</u>							
44427	401	4 Bb1	10.25	325@ 4400	445@ 2800	Manual (3)	3.36 (a)
44437	401	4 Bb1	10.25	325@ 4400	445@ 2800	Manual (4)	3.36 (a)
44467	401	4 Bb1	10.25	325@ 4400	445@ 2800	Super Turbine	3.08 (b)
<u>RIVIERA</u>							
49447	425	2-4 Bb1	10.25	360@ 4400	465@ 2800	Super Turbine	3.42 (c)

- (a) 3.08, 3.55, 3.73 Optional
- (b) 2.78, 3.23, 3.36, 3.55, 3.73 Optional
- (c) 3.23, 3.58 Optional

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (a)
		Gran Sport				
		Skylark				Riviera
MODEL	44427	44437	44467			

ENGINE—RINGS

Function (top to bottom)	No. 1, oil or comp.		Compression
	No. 2, oil or comp.		Compression
	No. 3, oil or comp.		Oil
	No. 4, oil or comp.		None
Compression	Description - material, type, coating, etc.	Cast Iron Lubrited	#1 CI Chrome Pl #2 CI Lubrited with Expander
	Width	.077-.078	.182-.1885
	Gap	.015-.035	.015-.055
Oil	Description - material, type, coating, etc.	Steel - Uncoated	Steel - Chrome Plated
	Width	.181-.187	.182-.1885
	Gap	.015-.035	.015-.055
Expanders	Steel (Oil Ring) Hump Type		(a)

ENGINE—PISTON PINS

Material	Extruded SAE 1018 or 1118 Steel				(b)
Length	3.520				
Diameter	.9994-.9997				
Type	Locked in rod, in piston, floating, etc.		Pressed In Rod		
	Bushing	In rod or piston	None		
		Material	None		
Clearance	In piston	.00005-.0001 Select			
	In rod	.00075-.00125 Select (Press)			
Direction & amount offset in piston	None				

ENGINE—CONNECTING RODS

Material	Forged SAE 1141 Steel				
Weight (oz.)	24.384				
Length (center to center)	6.220				
Bearing	Material & Type		Steel Backed - M/400 Aluminum - Removable		
	Overall length		.820		
	Clearance (limits)		.0020-.0023		
	End play		.005-.012 (Total Both Rods)		

- (a) #2 (Comp.) Steel Hump Type. #3 (Oil) Steel Circumferential.
 (b) Forged SAE 1141 Steel.

AMA Specifications—Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (*)
					Gran Sport	
MODEL	44427	44437	44467	49447	Riviera	

ENGINE—CRANKSHAFT

Material	SAE 1145 or SAE 1053 Steel			
Vibration damper type	Rubber Absorption			
End thrust taken by bearing (No.)	Three			
Crankshaft end play	.004-.008			
Main bearing	Material & type		Steel Backed - All Removable First Four M/400 - Rear Durex 100A	
	Clearance		.000-.0019	
	Journal dia. and bearing overall length	No. 1	2.4985 x .940	
		No. 2	2.4985 x .940	
		No. 3	2.4985 x 1.127	
		No. 4	2.4985 x .940	
		No. 5	2.4985 x 1.200	
		No. 6	None	
No. 7		None		
Dir. & amt. cyl. offset		None		
Crankpin journal diameter	2.2495			

ENGINE—CAMSHAFT

Location	Above Crankshaft at Center of "V"			
Material	Cast Iron Alloy			
Bearings	Material	Steel Backed Babbitt		
	Number	Five		
Type of Drive	Gear or chain		Chain	
	Crankshaft gear or sprocket material		Sintered Iron	
	Camshaft gear or sprocket material		Nylon Coated Aluminum	
	Timing chain	No. of links	52	
		Width	.864	
		Pitch	.500	

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)	Standard		
Valve rotator, type (intake, exhaust)	None		
Rocker ratio	1.6		
Operating tappet clearance (indicate hot or cold)	Intake	None	
	Exhaust	None	
Timing marks on flywheel, damper, other	Harmonic Damper		

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED ^(a)
		Gran Sport				
		Skylark			Riviera	
MODEL	44427	44437	44467	49447		

ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (^o BTC)	28	29	
		Closes (^o ABC)	87	81	
		Duration - deg.	295	290	
	Exhaust	Opens (^o BBC)	76	71	
		Closes (^o ATC)	46	48	
		Duration - deg.	302	299	
Valve opening overlap		74	77		
Intake	Material		SAE 1041, 1047 or TS 8150 Steel		
	Overall length		4.785		
	Actual overall head dia.		1.875		
	Angle of seat & face		45 ^o		
	Seat insert material		None		
	Stem diameter		(a)		
	Stem to guide clearance		.0015-.0035 and .0003 Max. Taper		
	Lift (@ zero lash)		.431	.439	
	Outer spring press. and length	Valve closed (lb. @ in.)	46 @ 1.600		
		Valve open (lb. @ in.)	101 @ 1.160		
	Inner spring press. and length	Valve closed (lb. @ in.)	25.5 @ 1.690		
		Valve open (lb. @ in.)	76 @ 1.250		
	Exhaust	Material		GM-N82152 (21-4N)	
		Overall length		4.785	
Actual overall head dia.		1.500			
Angle of seat & face		45 ^o			
Seat insert material		None			
Stem diameter		Tapered .3725 ± .0005 Top to .3715 ± .0005 Bottom			
Stem to guide clearance		Top .0015 to .0035 - Bottom .0025 to .0045			
Lift (@ zero lash)		.431	.441		
Outer spring press. and length		Valve closed (lb. @ in.)	46 @ 1.600		
		Valve open (lb. @ in.)	101 @ 1.160		
Inner spring press. and length	Valve closed (lb. @ in.)	25.5 @ 1.690			
	Valve open (lb. @ in.)	76 @ 1.250			

ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Splash
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Drip From Front Cam Bearing
	Cylinder walls	Splash & Nozzle

(a) .3725 ± .0005 dia. - Max. allowable taper to be .0003 with smallest dia. at head end.

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (•)	
							Gran Sport
							Skylark
							Riviera
MODEL							44427 44437 44467 49447

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Gear
Normal oil pressure (lb. @ engine rpm)	40 @ 2400
Oil pressure sending unit (elect. or mech.)	Electrical
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, partial, other)	Full Flow
Filter replacement (element, complete)	Element & Can
Capacity of crankcase, less filter-refill (qt.)	Four
	Anticipated Lowest Temperature
	Use SAE Viscosity
Oil grade recommended (SAE viscosity and temperature range)	Above 32°F 10W-30, 20W or 20 Below 32°F to Zero °F 10W-30, 10W Below Zero °F 5W-20, 5W
Engine Service Requirement (MM, MS, etc.)	Passing Car Makers Test GM4745M

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	Two Reverse Flow
	(b)
Exhaust pipe dia. (O.D.)	2.25-.084
Branch wall thickness	None
Main wall thickness	2.25-.084 (c)
Tail pipe diameter (O.D. & wall thickness)	2.00-.048
	2.25-.048

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Induction System
	Optional	None
Make and model		A.C.
Location		Right Rocker Arm Cover (a)
Energy source (manifold vacuum, carburetor air stream, other)		Manifold Vacuum
Control unit		Variable Orifice
Control method (variable orifice, fixed orifice, other)		Intake Manifold (Standard) Also Discharge into Air Cleaner (Optional)
Discharges (to Intake manifold, carb. air intake, air cleaner intake, other)		
Complete system		Breather Cap Ventilation Air Filter in Optional System
Air inlet (breather cap, carburetor air cleaner, other)		
Flame arrestor (screen, check valve, other)		Check Valve

- (a) Left Rocker Arm Cover also used on State of California Cars.
- (b) Reverse Flow Muffler with Straight through Resonators
- (c) Laminated Tubing

AMA Specifications— Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (a)
		Gran Sport				
		Skylark			Riviera	
MODEL	44427	44437	44467	49447		

ENGINE—FUEL SYSTEM

(See Supplement to Page 8 for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.		Carburetor
Fuel Tank	Capacity (gals.)	20
	Filler location	Rear
Fuel Pump	Type (elec. or mech.)	Mechanical
	Locations	Engine
	Pressure range	5.25-6.50 @ 1800 (16" above Outlet)
Vacuum booster (std., optional, none)		None
Fuel Filter	Type	Pleated Paper Saran
	Locations	Engine Fuel Tank
Carburetor	Choke type	Integral Automatic
	Intake manifold heat control (exhaust or water)	Exhaust
	Air clnr. type	Polyurethane None

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
SKYLARK						
44427	401	Manual (3)	Carter	AFB	1-4 Bb1.	(a)
44437	401	Manual (4)	Carter	AFB	1-4 Bb1.	(a)
44467	401	Automatic	(b)	(b)	1-4 Bb1.	(a)
RIVIERA						
49447	425	Automatic	Carter	AFB	2-4 Bb1.	(a)

(a) Primary - 1.5625, Secondary - 1.6875
 (b) Carter AFB or Rochester 4GC

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED(*)	
							Gran Sport
			Skylark				Riviera
MODEL		44427	44437	44467			49447

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure	
Radiator cap relief valve pressure		15	
Circulation thermostat	Type (choke, bypass)	Choke	
	Starts to open at (°F)	180°	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM @ 1000 pump rpm	17	
	Number of pumps	One	
	Drive (V-belt, other)	V-Belt	
	Bearing type	Double Row	
By-pass recirculation type (internal, external)		Internal	
Radiator core type (cellular, tube and fin, other)		Cross Flow	Tube & Center
Cooling system capacity	With heater (qt.)	17.66	18.5
	Without heater (qt.)	16.75	17.0
	Opt. equipment-specify (qt.)	18.3	18.5
Water jackets full length of cylinder (yes, no)		No	
Water all around cylinder (yes, no)		Yes	
Radiator hose	Lower	Number and type (molded, straight)	One Molded
		Inside diameter	1.62 1.50
	Upper	Number and type (molded, straight)	One Molded
		Inside diameter	1.500 1.62
	By-pass	Number and type (molded, straight)	None
		Inside diameter	
Fan	Number of blades & Spacing	4-Std - 5-A/C	4-(7 A/C)
	Diameter	18" Std - 20" A/C	18"
	Ratio-fan to crankshaft rev.	.92 Std. - 1.3 A/C	
	Fan cutout type	None - (Thermo Clutch with A/C)	
	Bearing type	Single Row Ball	
*Drive belts (indicate belt used by letter)	Fan	A (C with A/C)	
	Generator	A (C with A/C)	
	Water Pump	A (C with A/C)	
	Power Steering	B (D with A/C)	
	Air Conditioning	C	

* Drive Belt Dimensions	A	B	C	D
Angle of V	38°			
Nominal length (SAE)	54.70	51.40	61.90	54.82
Width	.38	.47	.38	.47

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED(*)
		Gran Sport				
		Skylark			Riviera	
MODEL	44427	44437	44467			

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Delco #568		Delco#570 (a)	
	Voltage Rtg. & Total Plates	12-66			
	SAE Designation & Amp Hr. Rtg	2 STA-70	3SM-70		
	Location	L.F. Fender Skirt			
	Terminal grounded	Negative			
Generator	Make	Delco-Remy			
	Model	1100708 (b)			
	Type	Diode Rectified Alternator			
	Ratio—Gen. to Cr/s rev.	2.52 (c)			
	Gen. cut-in (hot)—engine rpm	10 Amps. Min. at Idle (d)			
Regulator	Make	Delco-Remy			
	Model	1119515			
	Type	Voltage Control			
	Cutout relay	Closing voltage @ generator rpm	None		
		Reverse current to open	None		
	Regu-lated	Voltage	13.6-14.4 at 10 Amps (125°F)		
		Current	None		
	Voltage test con-ditions	Temperature	None		
		Load	Run 15 Minutes at 10 Amps		
Other		Battery Must be in Circuit			

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Delco-Remy			
	Model	1107361			
	Rotation (drive end view)	Clockwise			
	Engine cranking speed	160 RPM (Approx.)			
	Test conditions	Engine at Operating Temp.			
	Lock test	Amps	290-370		
		Volts	2.0		
		Torque (lb. ft.)	N.A.		
	No load test	Amps	120		
Volts		10.6			
RPM (min.)		4700			
Motor control	Switch (solenoid, manual)	Solenoid			
	Starting procedure	Place transmission control in Neutral or Park. Turn ignition key clockwise to engage starter. Release as soon as engine starts. CAUTION: Extreme care must be exercised in placing transmission selector lever in Neutral on manual transmission equipped cars before engaging starter.			

- (a) Wet charge - Model 571 Dry.
- (b) 1100709 with Air Conditioning.
- (c) 2.75 with Air Conditioning.
- (d) 15 Amps. with Air Conditioning.

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (*)
		Gran Sport				
		Skylark			Riviera	
MODEL	44427	44437	44467	49447		

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type		Solenoid with Over-Running Clutch			
	Pinion meshes (front, rear)		Front			
	Number of teeth	Pinion	9			
		Flywheel	166			
	Flywheel tooth face width		.375			

ELECTRICAL—IGNITION SYSTEM

Coil	Make		Delco-Remy			
	Model		1115161		1115110	
	Amps	Engine stopped	3.8 at 12.6 Volts			
Engine idling		2.3 at 12.6 Volts				
Distributor	Make		Delco-Remy			
	Model		1111055			
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	600-700			
		Intermediate points deg. @ rpm	15° at 1400			
		Max aeg. @ rpm	30° at 3900			
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	6-8			
		Intermediate points, deg @ in Hg	10.5 at 12			
		Max. deg. in. Hg.	19.5 Max.			
	Breaker gap (in.)		.013-.019			
	Ccm angle (deg.)		30° ± 1°			
Breaker arm tension (oz.)		19-23				
Timing	Crankshaft deg. @ rpm.		2.5° at 550			
	Mark location		Harmonic Damper			
	Cylinder numbering system (see page 2)		Lt. Bank 2-4-6-8			
			Rt. Bank 1-3-5-7			
Firing order (see page 2)		1-2-7-8-4-5-6-3				
Spark Plug	Make and model		AC-44S			
	Thread (mm)		14			
	Tightening torque (lb. ft.)		25-30			
	Gap		.030-.035			
Cable	Conductor type		TVRS			
	Insulation type		Neoprene with Inner Braid			
	Spark plug protector		Hypalon Boot			

ELECTRICAL—SUPPRESSION

Locations & type	4000 ohms/foot - Spark Plug and Coil to Distributor Wires. .33 MFD Condenser at Coil .50 MFD Condenser at Voltage Regulator
------------------	--

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (a)
		Gran Sport				
MODEL	Skylark			Riviera		
	44427	44437	44467	44467	49447	

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	Make	AC	
	Trip odometer (yes, no)	No	Yes
Charge indicator—type	Indicator Light		
Temperature indicator—type	Indicator Light - "Hot" Only		(a)
Oil pressure indicator—type	Pressure Switch - Indicator Light		
Fuel indicator—type	Electrical		
Other			
Ignition switch	Identify positions in order and circuits controlled	Fully Counter Clockwise - Accessories "On" - Ignition "Off" 1st. Position Clockwise - Ignition and Accessories "Off" - Locked 2nd. Position Clockwise - Ignition and Accessories "On" 3rd. Position (Spring Loaded) - "Start"	
	Provision for illumination	No	Yes
	Location	Lower Control Panel - Rt. Side of Steering Column	
Main lighting switch	Identify positions and lamps controlled	1st. Position Out - Park and Taillamps 2nd. Position Out - Headlamps and Taillamps Rotating Knob Fully Counter-Clockwise Turns Dome Light "On" and Instrument Lights on "Bright". Clockwise turns Dome Light "Off" and Dims Instruments. Fully Clockwise turns Instrument Lights "Off".	
Other light switches	Locations and lamps controlled		
	Stop Light..... Glove Compt.....	Mechanical on Brake Pedal Support Bracket. In Glove Compartment	
Other switches	Locations and devices controlled		
	Direct Signal...	Left Side of Steering Column	
	Back-Up Light...	Transmission Shifting Mechanism	
	Neutral Safety...	Transmission Shifting Mechanism	
	Wiper.....	Lower Control Panel - Left Side	
	Trans. Idle.....	On Upper End of Throttle Operating Lever	
Trans. Control...	Mounted on Manifold - Actuated by Throttle Lever		
Hdlp. Dimmer...	Floor Pan - Left Side of Brake Pedal		
Windshield wiper	Make	Delco Appliance	
	Type	Electric	
	Vacuum booster provision	None	
Washer provision	Yes (b)		
Horn	Type	Solenoid	
	Number used	Two	
	Amp draw (each)	Both 7 to 11 Amps.	

(a) Indicator Light - "Hot and Cold"

(b) Optional on Skylark Models

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (°)	
							Gran Sport
MODEL		Skylark		Riviera			
	44427	44437	44467	49447			

ELECTRICAL—LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-5400 S, dual headlight 2-4001, 2-4002.		2-4001, 2-4002 Dual Horizontal	2-4001 2-4002 Dual Vertical
Headlamps & arrangement			
Headlamp beam indicator		1-194	
Parking		2-1157A	
Tail		6-1157	4-1157
Stop		Same Bulb as Taillamp	
Direction signal	Front	Same Bulb as Parking Lamp	
	Rear	Same Bulb as Taillamp	
	Indicator	2-194	
License Plate		1-97	
Oil pressure indicator		1-194	
Charge indicator		1-194	
Instrument		3-194	6-161
Clock		None	1-1816
Radio		*1-1881	

Indicate also whether the following lamp assemblies are standard equipment, optional, or NA.

Ignition lock	None	1-1445
Back up	*2-1156	2-1156
Dome	1-211	2-90
Glove compartment	1-1893	
Prkg. brake signal	1-1816	1-194
Luggage compartment	1-89	
Underhood	N.A.	
Courtesy	2-89	1-90
Map	None	
Water Pump	1-194	
Ash Tray	1-1445	
Trans. Range	*1-1893	1-1816

* Accessory at Extra Cost

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (a)
						Gran Sport
			Skylark			Riviera
MODEL	44427	44437	44467	49447		

ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

Use trade number of fuse, e.g., SFE-10. Indicate circuit breaker by ampere capacity suffixed by letters "C.B.", e.g., 30 C.B. Where fuse or circuit breaker protects multiple circuits indicate first use by a letter and repeat the same letter for all units protected by the same fuse or circuit breaker, e.g., Parking lamp SFE-10 (a), Direction indicator same as (a).

Headlamp	15 CB (a)	
Headlamp beam indicator	(a)	
Parking lamp	(a)	AGW-6 (j)
Tail lamp	AGC-10 (b)	
Stop lamp	AGC-15 (c)	AGC-10 (h)
Direction indicator	(c)	(h)
License plate lamp	(b)	
Instrument lamp	AGC-3 (d)	
Ignition lamp	None	(d)
Back up lamp	(c)	
Dome lamp	AGC-15 (e)	SFE-9
Clock	(b)	SFE-20
Clock lamp	(d)	(i)
Rodio	AGW-2.5	AGC-7.5
Glove compartment lamp	(b)	(i)
Lighter	(e)	
Blower	AGC-30	
Wiper	AGC-25 (f)	
Trans. Range	(f)	
Ash Tray	(d)	
Power Seat, Windows, Top	40 CB	
Courtesy	(e)	AGC-5 (i)

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

		Height above ground to center of bulb		
		Lowest	Highest	
Distance from C/L of car to center of bulb	Tail	Lowest	24.34	19.55
		Highest	24.34	19.55
	Stop		24.34	19.55
	Backup		16.81	19.67
	License, rear		19.16	21.89
	Directional	Front	16.16	16.04
		Rear	24.34	19.55
	Headlamp	Inside	25.10	23.37
		Outside*	25.10	28.87
	Distance from C/L of car to center of bulb	Tail	Inside	29.70
Outside			25.2	21.40
Stop			25.2	21.40
Backup			7.52	10.08
License, rear			Centerline	
Directional		Front	26.80	31.90
		Rear	12.17	14.85
Headlamp		Inside	22.91	31.90
		Outside*	29.41	31.90

* If single headlamps are used enter here.

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (a)	
							Gran Sport
			Skylark				Riviera
MODEL	44427	44437	44467	44467			49447

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Dry	NA
Type pressure plate springs	Belleville Spring	NA
Effective plate pressure (lb.)	2300-2600	NA
No. of clutch driven discs	One	NA
Clutch facing	Material	Woven
	Outside & inside dia.	11.0 x 6.50
	Total eff. area (sq.in.)	123.7
	Thickness	.140
	Engagement cushioning method	Springs
Release bearing	Type & method of lubrication	Ball Sealed
Torsional damping	Methods: springs, friction material	Springs

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	Standard (3-Speed) (a)	NA
Manual with overdrive (std. or opt.)	NA	
Automatic (std. or opt.)	Optional	Std.

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	Three (a)	NA	
Transmission ratios	In first	2.42	
	In second	1.61	
	In third	1.0	
	In fourth		
	In reverse	2.33	
Synchronous meshing, specify gears	All Forward	NA	
Shift lever location	Floor	NA	
Lubricant	Capacity (pt.)	3.5	
	Type recommended	A9 Mineral Oil	
	SAE viscosity number	Summer	SAE 80-90
		Winter	SAE 80-90
Extreme cold		SAE 80-90	

(a) 4-Speed Manual Optional (All Forward Speeds Synchronized)

Ratios: 1st 2.20, 2nd 1.64, 3rd 1.31, 4th 1.00, Rev. 2.26.

Optional 4-Speed Transmission equipped with Positive Reverse Lock-out Control. Lock-out released by raising finger lever under control knob.

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1966	DATE ISSUED	1-10-65	REVISED (e)
		Gran Sport				
		Skylark			Riviera	
MODEL	44427	44437	44467	44467	49447	

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)		Not Available	
	Manual lockout (yes, no)		Not Available	
	Downshift accelerator control (yes, no)		Not Available	
	Minimum cut-in speed		Not Available	
	Gear ratio		Not Available	
	Lu- bri- cant	Capacity (pt.) (Overdrive only)		Not Available
		Separate filler (yes, no)		Not Available
		Type recommended		Not Available
		SAE vis- cosity number	Summer	Not Available
			Winter	Not Available
Ext. cold	Not Available			

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name		Super Turbine (a)		
Type describe		2 Speed with Torque Converter		3-Speed with Torque Conv.
Method of Selection (Lever, Push Button or other)		Lever-Floor		
Selector Pattern		P-R-N-D-L		P-R-N-D-L ² -L ¹
List gear ratios Selector Pattern and indicate which are used in each selector position		<u>Drive</u>	<u>Low</u>	<u>Reverse</u>
		1st. - 1.765	1.765	1.765
		Direct -1.000		D-L ¹ -L ² -1st 2.48
		(Each Times Converter Ratio)		D-L ¹ -L ² -2nd 1.48
				D-1.00 R-2.08
				Each Times Converter Ratio
Max. upshift speeds—drive range		60		1 to 2(50)2-3(80)
Max. kickdown speeds—drive range		55		3 to 1(25)3-2(78)
Torque converter	Number of elements		3	
	Max. ratio at stall		2.45 Low-1.80 High	
	Type of cooling (air, water)		Water	
Lubricant	Capacity—refill (pt.)		19.0 (Total) 5 (Oil Drain)	
	Type recommended		(b)	
Special transmission features		Variable Pitch Stator - High Angle Actuated just prior to kick-down detent		at Idle and 1st.gear Hill Braking 40MPH in L ¹ - 2nd gear - L ² above 10MPH

DRIVE UNITS—PROPELLER SHAFT

Number used		One	Two
Type (exposed, torque tube)		Exposed	
Outer diameter x length* x wall thickness	Manual transmission	3.25 x 59.58 x .065 (c)	
	Overdrive transmission	Not Available	
	Automatic transmission	3.25 x 60.00 x .065	
		2.25x31.00x.095	
		2.25x28.64x.095	

*Center to center of universal joints, or to centerline of rear attachment.

(Continued)

Form Rev. 3-62

(a) Standard on Riviera - Optional on Skylarks

(b) Automatic Fluid "Type A" (Suffix "A" must be identified by AQ-ATF embossed on can or use "Buick Special Oil")

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (a)	
		Gran Sport					
		Skylark			Riviera		
MODEL	44427	44437	44467	44467	49447	49447	

DRIVE UNITS—PROPELLER SHAFT (cont.)

Inter-mediate bearing	Type (plain, anti-friction)	None	Anti-Friction
	Lubrication (fitting, prepack)	Prepack	
Universal joints	Make	Saginaw	
	Number used	2	4
	Type (ball and trunnion, cross, other)	Cross	
	Bearing	Type (plain, anti-friction)	Anti-Friction
Lubric. (fitting, prepack)		Prepack	
Drive taken through (torque tube or arms, springs)		Arms	
Torque taken through (torque tube or arms, springs)		Arms	

DRIVE UNITS—REAR AXLE

Description (see instructions)	Salisbury Hypoid--Semi-Floating	Banjo Type - Semi-Floating	
Limited Slip differential, type	Positive Traction (Optional)		
Drive Pinion Offset	1.500	1.750	
No. of differential pinions	2	4	
Gear ratios (Std. equip.)	Manual transmission	3.36	
	Overdrive transmission	NA	
	Automatic transmission	3.08	
Ring gear O.D. (std. ratio)	8.125	9.375	
Pinion adjustment (shim, other)	Shim		
Pinion bearing adj. (shim, other)	Collapsible Spacer	Shim	
Wheel bearing type	Ball		
Lubricant	Capacity (pt.)	2.5	
	Type recommended	Mil.-L2105B	
	SAE viscosity number	Summer	90
		Winter	90
Extreme cold		90	

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio	3.08	3.42	3.36
No. of teeth	Pinion	12	11
	Ring gear	37	37

(a) Positive Traction - Standard

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (*)
					Gran Sport	
					Skylark	Riviera
MODEL			44427	44437	44467	49447

DRIVE UNITS—WHEELS

Type & material		Disc Steel	
Rim (size and flange type)	Std.	14-6.00 JK	15-6.00 "L"
	Opt.		
Attachment	Type (bolt or stud)	None	
	Circle diameter	4.75	5.00
	Number and size	Five-.5625-18	Five-.500-20

DRIVE UNITS—TIRES

Standard (List option below)	Size & ply	7.75-14 (2)	8.45-15 (2)
	Type - Nylon, etc.	Rayon	
Rev/mile at 50 mph.		779	739
Inflation press.(cold)	Front	24	
	Rear	24	
Optional tires - size and ply		None	

BRAKES—SERVICE

Type (duo-servo, disc, balanced, etc.)		Duo-Servo	
Self adjusting (std., opt., N.A.)		Standard	
Hydraulic system type (single, dual, etc.)		Single	
Power brake make & type (remote, integral, etc.)		Delco-Moraine (Int. Vacuum Susp.)	Delco-Moraine or Bendix
Effective area (sq. in.)*		142.1	156.9
Gross lining area (sq. in.)**		155.8	193.7
Swept drum area (sq. in.)***		268.6	320.5
Percent brake effectiveness—front		56.2	55.9
Drum	Diameter	Front	9.495/9.505
		Rear	9.495/9.505
Type and material		Composite Cast Iron	(d)
Wheel cylinder bore	Front	1.125	
	Rear	.9375	1.000
Master cylinder bore		1.000	
Available pedal travel		6.70 (b)	3.55
Line pressure at 100 lb. pedal load		800 psi. (c)	(e)
Shoe clearance adjustment		.015	

(Continued)

- * Excludes rivet holes, grooves, chamfers, etc.
- ** Includes rivet holes, grooves, chamfers, etc.
- *** Total swept areas for four brakes:
Widest lining contact width for each brake x its drum circumference.

- (a) Optional Equipment
- (b) 4.00 inch travel when power brake equipped.
- (c) 360 psi. with 30# pedal load at 20" hg. vacuum when power brake equipped.
- (d) Fronts--Aluminum body with C.I. inserts--Rears are composite cast iron.
- (e) 400 psi. with 30# pedal load at 20# hg. vacuum.

AMA Specifications—Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED(*)	
							Gran Sport
							Skylark
MODEL			44427	44437	44467		Riviera 49447

BRAKES—SERVICE (cont.)

Brake lining	Bonded or riveted		Riveted					
	Front Shoe	Material		Primary - Extruded Molded				
		Size (length x width x thickness)	Front wheel	7.520 x 2.50 x .196			10.040x2.25x.220	
			Rear wheel	7.520 x 2.00 x .196			10.040x2.00x.220	
		Segments per shoe		One				
	Rear Shoe	Material		Secondary - Extruded Molded				
		Size (length x width x thickness)	Front wheel	9.793 x 2.50 x .265			12.959x2.25x.254	
			Rear wheel	9.793 x 2.00 x .265			12.959x2.00x.254	
Segments per shoe		One						

BRAKES—PARKING

Type of control	Step-On (Hand Release)	
Location of control	Left Side at Cowl Panel	
Operates on	Rear Shoes	
if separate from service brakes	Type (internal or external)	None
	Drum diameter	None
	Lining size (length x width x thickness)	None

FRAME or UNITIZED CONSTRUCTION

Type and description	
Perimeter	Cruciform

SUSPENSION—GENERAL (See Supplemental page 19 for details on Air Suspension)*

Provision for car leveling	None	
Provision for brake dip control	Yes	
Provision for acc. squat control	Yes	
Special provisions for car jacking	None	
Shock absorber front & rear	Type	Direct
	Make	Delco
	Piston dia.	1.00"
Other special features	None	

SUSPENSION—FRONT

Type and description	Coil Springs and Ball Joint
----------------------	-----------------------------

* Air Suspension:
 Air spring type
 Compressor data
 type
 make
 drive ratio

Normal operating pressures
 spring rates
 leveling data

(Continued)

AMA Specifications – Passenger Cars

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED ^(*)
		Gran Sport				
		Skylark			Riviera	
MODEL	44427	44437	44467	49447		

SUSPENSION FRONT (cont.)

Spring	Type	Coil	
	Material	SAE-9260	
	Size (coil design height & I.D.; bar length x dia.)	11.4 x 3.60 x 135.00 x .670	11.00 - 4.05 117.25 x .710
	Spring rate (lb. per in.)	420	505
	Rate at wheel (lb. per in.)	128	127
	Design load (lb. @ design height)	1850 (Left) - 1750 (Right)	
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & bar diameter	SAE-1070 - .938	(b) .843

STEERING

Manual (std., opt., NA)		Standard	NA		
Power (std., opt., NA)		Optional	Standard		
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt			
	(std., opt., NA)	Optional (c)			
Wheel diameter	Manual	16"			
	Power	16"			
Turning diameter	Outside front	Wall to wall (l. & r.)	41.5	44.4	
		Curb to curb (l. & r.)	40.6	43.6	
	Inside rear	Wall to wall (l. & r.)	24.9	27.0	
		Curb to curb (l. & r.)	25.7	27.8	
Outside wheel angle with inside wheel at 20°		18° 38'	17° 55'		
Manual	Gear	Type	Recirculating Ball Nut		
		Make	Saginaw		
		Ratios	Gear	24.0	NA
			Overall	28.6	NA
	No. wheel turns	5.56	NA		
Power	Type (coaxial, linkage, etc.)		In-Line Rotary Valve		
	Make		Saginaw (a)		
	Gear	Type	Recirculating Ball Nut Integral with Power Piston		
		Ratios	Gear	17.5	17.5*
			Overall	20.9	19.0(d)
	Pump driven by		Belt		
	Number wheel turns		4.06	3.4(e)	
Linkage	Type		Parallelogram		
	Location (front or rear of wheels, other)		Front	Rear	
	Drag link (trans. or longit.)		Transverse		
	Tie rods (one or two)		Two		

* 15 to 1 ratio gear included in optional handling and ride package. (cont.)

- (a) Optional on Skylark Models.
- (b) SAE 1084
- (c) Not Available with manual steering gear.
- (d) 16.3 with 15 to 1 ratio steering gear.
- (e) 2.75 with 15 to 1 ratio steering gear.

A.M.A Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED (*)
		Gran Sport				
MODEL	Skylark			Riviera		
	44427	44437	44467	44467	49447	49447

STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		8°0' at 1°0'	9°52' at 0°50'
	Bearings (type)	Upper	Ball Joint Suspension Used	
		Lower	Ball Joint Suspension Used	
Thrust		Ball Joint Suspension Used		
Wheel alignment (range and preferred)	Caster (deg.)		1° ± 1/4°	2° -45'
	Camber (deg.)		1° ± 1/4°	0° -1° +
	Toe-in (outside tread-inches)		.21-.31 (Curb)	
Steering spindle & joint type			Ball Joint	
Wheel spindle	Diameter	Inner bearing	1.2945	1.3748
		Outer bearing	.7494	.8435
	Thread size		.750-20 NEF	.8125-16 UNF
	Bearing type		Tapered Roller	

SUSPENSION—REAR

Type and description			Coil Springs			
Drive and torq. taken through (see page 17)			Control Arms			
Spring	Type		Coil			
	Material		SAE-9260			
	Size (length x width, coil design height and I.D.; bar length & dia.)		8.52 x 5.53 x 104.00 x .541	11.5 x 4.41 107.0 x .591		
	Spring rate (lb. per in.)		115	220		
	Rate at wheel (lb. per in.)		107	124		
	Design load (lb. at design height)		720	1125		
	Mounting insulation type			Laminated Rubber		
	If leaf	No. of leaves		Not Used		
		Inserts	Type and size	Not Used		
			Material	Not Used		
Shackle (comp. or tens.)		Not Used				
Stabilizer	Type (link, linkless, frameless)		Not Used			
	Material		Not Used			
Track bar type			Not Used		(a)	

(a) Tubular - Rubber Bushed.

AMA Specifications – Passenger Car

MAKE OF CAR	BUICK	MODEL YEAR	1965	DATE ISSUED	1-10-65	REVISED	(*)
		Gran Sport					
		Skylark			Riviera		
MODEL		44427	44437	44467			

BODY – MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front					
	Rear doors	Front			None		
Type of finish (lacquer, enamel, other)		Acrylic Lacquer					
Hood counterbalanced (yes, no)		Yes					
Hood release control (internal, external)		External					
Vehicle (Serial) No. Location		Left Front Pillar Post					
Engine No. Location		Front Face - Left Cylinder Block, Below Cyl Head			(a)		
Theft protection - type		None					
Vent window control method (crank, friction pivot)	Front	Friction Pivot			Crank		
	Rear	None					
Seat cushion type	Front	Zig Zag					
	Rear	Zig Zag					
	3rd seat						
Seat back type	Front	Zig Zag					
	Rear	Zig Zag					
	3rd seat						
Windshield glass type (i.e., single curved - laminated plate)		Compound Curved					
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Compound			Curved (One Piece)		
Side glass type (i.e., curved - tempered plate)		Curved			Flat		
Side glass exposed surface area		1291.4	1399.8	1281.4	1251.1		
Windshield glass exposed surface area		1107.1			1372.4		
Backlight glass exposed surface area		1016.6		786.2	753.9		
Total glass exposed surface area		3415.1	3523.5	3174.7	3377.4		

BODY – CONVENIENCE EQUIPMENT (Indicate whether standard, optional or NA on each series)

Power windows	Side Windows	Optional					
	Vent Windows	Not Available			(b)		
	Backlight or tailgate	Not Available					
Power seats (specify type as well as availability)		Optional - 4 Way Bench Type			Optional 4-Way		
Reclining front seat back		Not Available					
Front seat headrest		Not Available					
Radios (specify type as well as availability)		Optional - Push Button Type			(c)		
Rear seat speaker		Optional					
Power Antenna		Not Available			Optional		
Clock		Optional			Standard		
Air Conditioner (specify type and availability)		Optional					

- (a) Top of cylinder block at front of left bank.
- (b) Available only with power windows.
- (c) Optional--Sonomatic- -Wonderbar- -AM-FM-

AMA Specifications – Passenger Car

MAKE OF CAR BUICK MODEL YEAR 1965 DATE ISSUED 1-10-65 REVISED (*)

WEIGHTS
(Estimated)

Model	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
<u>Gran Sport</u>								
<u>Skylark</u>								
	<u>44427</u>		<u>3553</u>					<u>3394</u>
	<u>44437</u>		<u>3566</u>					<u>3407</u>
	<u>44467</u>		<u>3608</u>					<u>3449</u>
<u>Riviera</u>								
	<u>49447</u>		<u>4166</u>					<u>4006</u>

Accessories & Equipment Differential Weights	Remarks

* These are weights that are reported to states for licensing purposes. Form Rev. 5-63

INDEX

SUBJECT	PAGE NO.	SUBJECT	PAGE NO.
Automatic Transmission	1, 16	Linings - Clutch, Brake	15, 19
Axis, Steering	21	Lubrication	6, 7, 15, 16, 17
Axle, Rear	1, 17	Luggage Capacity	1a
Battery	10	Motor, Starting	10
Bearings, Engine	4, 5, 6	Muffler	7
Belts - Fan, Generator, Water Pump	9	Overdrive	16
Body - General Information, types	Title, 1, 22	Piston Pins & Rings	2, 4
Exterior Dimensions	1	Pistons	2
Interior Dimensions	1a	Power Brakes	18
Brakes - Parking, Service, Power	18, 19	Power Steering	20
Camber	21	Power Teams	3
Camshaft	5	Propeller Shaft, Universal Joints	16, 17
Capacities		Pumps - Oil, Fuel	7, 8
Cooling System	9	Water	9
Fuel Tank	8	Radiator, Hoses	9
Lubricants		Ratios - Axle	1, 3, 17
Engine Crankcase	7	Compression	1, 2, 3
Transmission and Overdrive	15, 16	Steering	20
Rear Axle	17	Transmission	15, 16
Carburetor	3, 8	Rear Axle	1, 3, 17
Caster	21	Regulator - Generator	10
Choke, Automatic	8	Rims	18
Circuit Breakers, Fuses	14	Rings, Piston	4
Clutch - Pedal Operated	15	Rods - Connecting	4
Coil, Ignition	11	Shock Absorbers, Front & Rear	19
Connecting Rods	4	Spark Plugs	11
Cooling System	9	Speedometer	12
Crankcase Ventilation	7	Springs - Front & Rear Suspension	20, 21
Crankshaft	5	Valve, Engine	6
Cylinders and Cylinder Head	2	Stabilizer (Sway Bar) - Front & Rear	20, 21
Distributor - Ignition	11	Starting Motor	10
Electrical System	10, 11, 12, 13, 14	Steering	20, 21
Engine		Suppression - Ignition, Radio	11
Bore, Stroke, Displacement, Type	1, 2	Suspension - Front & Rear	19, 20, 21
Compression Ratio	1, 2	Switches	12
Firing Order, Cylinder Numbering	2, 11	Tailpipe	7
General Information, H.P. & Torque	1, 2	Thermostat, Cooling	9
Lubrication	6, 7	Timing, Engine & Valve	5, 6, 11
Power Teams	3	Tires	1, 18
Exhaust System	7	Toe In	21
Equipment Availability	22	Torque Converter	16
Fan, Cooling	9	Torque - Engine, Rated	1, 2, 3
Filters - Engine Oil, Fuel System	7, 8	Transmission - Types	1, 3, 8, 15, 16
Frame	19	Automatic	1, 3, 8, 15, 16
Front Suspension	19, 20	Manual & Overdrive	1, 3, 8, 15, 16
Fuel, Fuel Pump, Fuel System	1, 2, 8	Ratios	15, 16
Fuel Injection	1, 8	Tread	1
Fuses, Circuit Breakers	14	Trunk Luggage Capacity	1a
Generator and Regulator	10	Turning Diameter	20
Glass	22	Unitized Construction	19
Height (Lamps)	14	Universal Joints, Propeller Shaft	16, 17
Headroom - Body	1a	Valves - Intake & Exhaust	5, 6
Heights - Overall	1	Vibration Damper	5
Horns	12	Voltage Regulator	10
Horsepower - Brake	1, 2, 3	Water Pump	9
Ignition System	11	Weights - Shipping, Curb	23
Inflation - Tires	18	Wheel Alignment	21
Instruments	7, 12	Wheelbase	1
Kingpin (Steering Axis)	21	Wheels & Tires	18
Lamp Bulbs	13	Wheel Spindle	21
Lamp Height & Spacing	14	Widths - Car & Body	1
Legroom	1a	Windshield	22
Lengths - Overall	1	Windshield Wiper	12
Lifters, Valve	5		