

1963

Cadillac

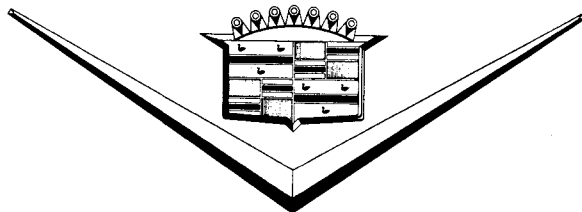
Vernon H. Kelly

SHOP
MANUAL

Model Info
 News
 Entertainment
 Sports

1963 CADILLAC SHOP MANUAL

Containing Service Information for the
 1963 Cadillac Series 60, 62, 75,
 and Commercial Chassis



All information, illustrations, and specifications contained in this manual are based on the latest product information available at the time of publication approval. The right is reserved to make changes at any time without notice.

Service Department
 CADILLAC MOTOR CAR DIVISION
 General Motors Corporation
 Detroit, Michigan

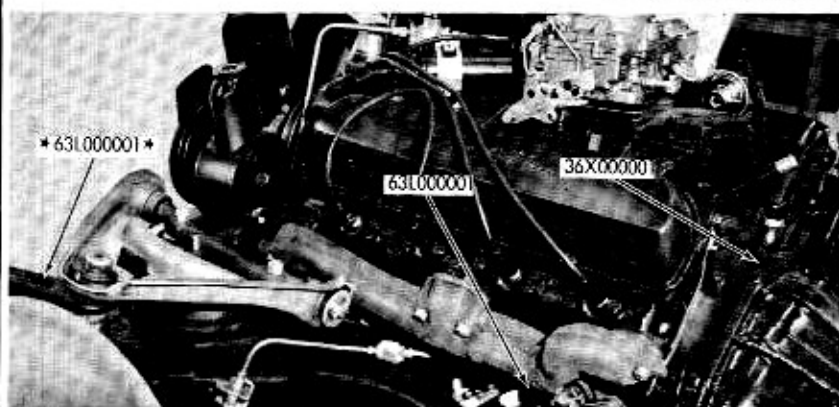
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 Cadillac Motor Car Division
 General Motors Corporation

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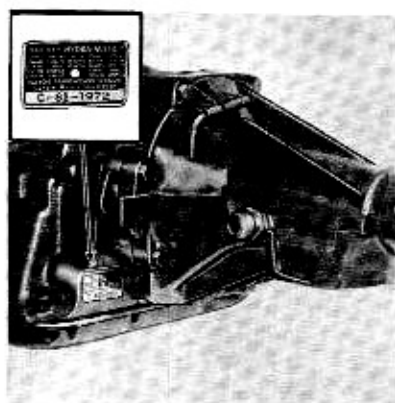
UNIT IDENTIFICATION NUMBER LOCATIONS

Illustrated below are the various unit and serial number locations to assist Servicemen in locating numbers generally required for factory reports and correspondence.

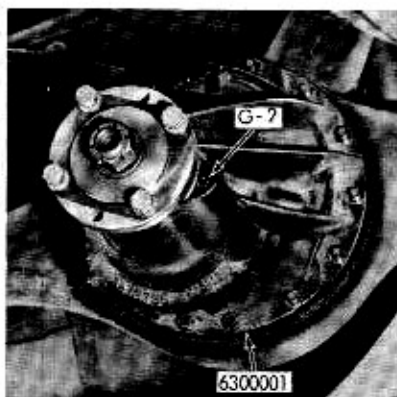


Engine serial number located on left side of cylinder block between watch plugs above edge of oil pan, and on top front left-hand frame side bar.

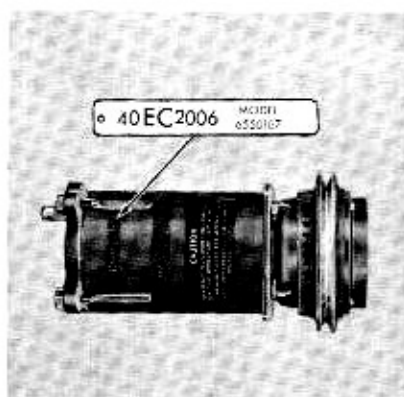
Engine unit number located on rear portion of crankcase behind intake manifold.



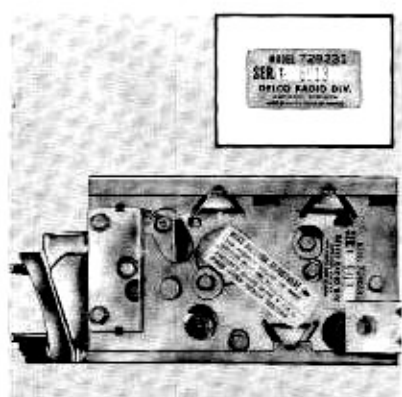
Hydra-Matic transmission unit number plate located on lower left-hand corner of transmission case rear face.



Differential carrier serial number located on bottom side of rear carrier flange. Gear ratio identification at end of oil return. See Section 7, Note 1.



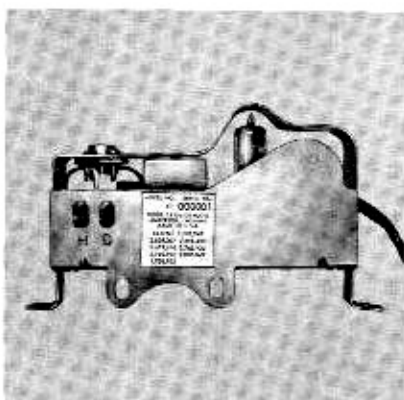
Freon Compressor serial number plate located on compressor.



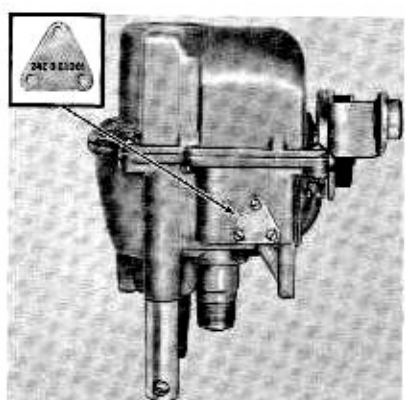
Radio serial number identification sticker located on right side of tuner unit.



Guide-Matic Phototube unit serial number located on bottom surface of phototube base.



Guide-Matic Amplifier unit serial number located on front face of amplifier unit.



Cruise Control serial number located on tag attached to rear face of housing assembly.

Fig. 1-1 Unit Identification Number Locations

Foreword

This Shop Manual has been prepared by the Service Department of the Cadillac Motor Car Division to aid Servicemen in servicing 1963 Cadillac automobiles.

The manual is intended primarily for Servicemen who are familiar with earlier model Cadillacs. It includes information on the service procedures and specifications pertaining to the 1963 cars.

Arrangement of the Manual

The front page of this 1963 Manual contains a rapid reference section index with headings corresponding to the page tabs at the beginning of

each section. A complete alphabetical index is located at the back of the manual.

The individual sections include a brief description, service adjustment and replacement procedures, diagnosis information, and clearly labeled illustrations. A list of special tools, with illustrations, a torque tightness chart, and specifications are also provided.

The body section of the manual is divided into sub-sections covering major body assemblies. A separate table of contents is provided at the beginning of this section to enable Servicemen to locate specific service data on this subject more quickly.

SERVICE INFORMATION

Three standard series of cars with twelve body styles are included in the 1963 Cadillac line. In addition, there is a Commercial Chassis. The

numeral six is used as the first digit in designating all 1963 Cadillac body style numbers. Specifications are as shown:

GENERAL DESCRIPTION AND SPECIFICATIONS

Description	Style Number	Body Code	Engine Number	Series Number	Wheelbase (Inches)	Overall Length (Inches)	Height (Inches)	Maximum Width (Inches)
Sedan de Ville (4 Window)	6339	B	63B-000001	62	129.5	223.0	54.8	79.7
Sedan de Ville (4 Window-Park Avenue)	6389	D	63D-000001	62	129.5	215.0	54.8	79.7
Eldorado	6367	E	63E-000001	62	129.5	223.0	55.8	79.7
Convertible Coupe	6267	F	63F-000001	62	129.5	223.0	55.6	79.7
Sixty-Two Coupe	6257	G	63G-000001	62	129.5	223.0	55.1	79.7
Coupe de Ville	6357	J	63J-000001	62	129.5	223.0	55.1	79.7
Sixty-Two Sedan (6 Window)	6229	K	63K-000001	62	129.5	223.0	56.4	79.7
Sedan de Ville (6 Window)	6329	L	63L-000001	62	129.5	223.0	56.4	79.7
Fleetwood Sixty Special	6039	M	63M-000001	60	129.5	223.0	56.6	79.7
Sixty-Two Sedan (4 Window)	6239	N	63N-000001	62	129.5	223.0	54.8	79.7
Fleetwood "75" Sedan	6723	R	63R-000001	75	149.8	243.3	59.0	79.9
Fleetwood "75" Limousine	6733	S	63S-000001	75	149.8	243.3	59.0	79.9
Commercial Chassis	6890	Z	63Z-000001	68	156.0	249.5	--	--

Engine Serial and Engine Unit Numbers

a. Engine Serial Number

Each Cadillac automobile or chassis carries an engine serial number. The engine serial number is used in license and insurance applications and in general reference to the automobile. The first two digits of the number indicate the model year. The letter following indicates the body style, and the last six digits indicate the sequence in which the car was built (see Page 1-1). The last six digits of the first 1963 model automobile manufactured will be number 000001, regardless of series or style, and subsequent cars built will be numbered in numerical order.

b. Engine Unit Number

Each Cadillac engine carries an engine unit number prefix that indicates the type of engine, followed by numbers in numerical sequence, denoting the order in which the engine was built, regardless of type, starting with one. The letters L.C. are added immediately following the engine unit number on all engines built to low compression specifications. Production engines using .010 inch oversized pistons may be identified by an asterisk stamped on the block following the engine unit number.

Body Styles	Engine Unit No. Prefix
6039, 6229, 6257, 6267, 6239, 6329 6339, 6357, 6367, 6389	36X
6039, 6229, 6257, 6267, 6239, 6329 6339, 6357, 6367, 6389 With Air Conditioning	36K
6723, 6733, 6890	37X
6723, 6733, 6890 With Air Conditioning	37K

Rear Axle Gear Ratio and Serial Number Locations

The differential carrier serial number is stamped on the bottom of the rear carrier flange. The gear ratio code number appears on the front face of the carrier assembly at the end of the oil return passage. Rear axle gear ratio applications are listed in Section 7, Note 1. The letter G preceding this numeral code designates a controlled differential. (Example: G1, meaning 3.21:1 Controlled Differential).