

AUTOMOBILE MANUFACTURERS ASSOCIATION CONSOLIDATED SPECIFICATION QUESTIONNAIRE

MAKE OF CAR:	CADILLAC	MODEL NAME	SYMBOL
COMPANY:	CADILLAC MOTOR CAR DIVISION GENERAL MOTORS CORPORATION 2860 CLARK AVENUE DETROIT 32, MICHIGAN	SEDAN	6219
		COUPE	6237
		COUPE DEVILLE	6237D
		COUPE CONV.	6267
		COUPE CONV. SPECIAL	6267S
MODEL YEAR:	1953	SEDAN	6219
	DATE 10-15-52	SEDAN	7523
	REVISED 9-9-53	SEDAN IMP.	7533

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- NOTES: 1. The specifications set forth herein are those in effect at the date of compilation and are subject to change without notice.
 2. All specifications are standard for the models under which they are listed unless otherwise indicated.
 3. All dimensions are nominal engineering dimensions unless otherwise indicated.
 4. Unless otherwise indicated, specifications apply to 5 or 6 passenger, 4-door sedan or equivalent.

GENERAL SPECIFICATIONS

Model	6219	6237	6237D	6267 & 6267S	6019	75
Wheelbase	126				130	146.75
Tread	Front		59.12			
	Rear		63.10			63.16
Maximum Overall Dimensions	Length (L-103)		215.8		220.8	224.8
	Width (W-103)		80.1		80.6	80.1
	Height (H-101)		62.7	60.9	61.1 *	62.7
Steering ratio—overall		25.47				
Turning diameter (curb to curb)		43.2			44.2	48.2
Shipping weight*		4213		NA	4350	
Transmission— (Specify standard, optional, not avail.)	Conventional		NA			STD.
	Overdrive		NONE			
	Automatic		STD.			OPT.
Axle ratio	Conventional		NA			3.77
	Overdrive		NONE			
	Automatic		3.07 & 3.36x			3.77 & 4.27x
Tire size	8.00 x 15 - 4 PLY BLACK**					8.20x15-6 PLY
	Type 90° - V					
Engine	No. of cylinders 8					
	Valve arrangement OVERHEAD					
	Bore and stroke 3.8125 x 3.625					
	Piston displacement, cu. in. 331					
	Standard compression ratio 8.25:1					
	Maximum bhp at engine rpm 210 @ 4150					
	Maximum torque at rpm 330 @ 2700					

*Standard car weight, not including gas and water.

* 6267S = 58.125

** 62-60 SERIES = 8.20 x 15 WHITE WALL OPT.

STD. ON 6267S

X WHEN TWIN TURBINE TORQUE CONVERTER IS USED.

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MODEL ALL

ENGINE—GENERAL

Type	V, in-line, other Angle of V	V 90°	
No. of cylinders		8	
Valve arrangement		OVERHEAD	
Bore and stroke		3.8125 - 3.625	
Piston displacement, cu. in.		331	
Numbering system (front to rear)	L. Bank	1-3-5-7	
	R. Bank	2-4-6-8	
Firing order		1-8-4-3-6-5-7-2	
* Compression ratio	Standard Head	8.25:1	
	Optional Head	NONE	
Cylinders	Head Material	Standard CAST IRON	
		Optional NONE	
	Sleeve—Wet, dry, other, none	NONE	
Number of mounting points	Front	TWO	
	Rear	ONE	
Taxable horsepower	(Dia. ³ x No. Cyl.) 2.5	46.5	
Advertised max. brake horsepower at engine RPM*	Standard head	210 @ 4150	
	Optional head	NONE	
	With fuel (Octane and method)	Standard Head	93 RESEARCH
		Optional Head	NONE
Max. torque (lb. ft. @ RPM)	Standard head	330 @ 2700	
	Optional head	NONE	
Recommended idle speed (neutral)		400 H. DRIVE 450 STD. 425 H. DRIVE(X)	

ENGINE—PISTONS

Material	ALUMINUM ALLOY		
Description and finish	T SLOT - CAM GROUND - STANNATE COATED		
Weight (piston only) oz.	19.680		
Clearance	Top land	.0305 - .0355	
	Skirt	Top	.0015
		Bottom	0
Ring groove depth	No. 1 ring	.187	
	No. 2 ring	"	
	No. 3 ring	"	
	No. 4 ring	NONE	

*Corrected as defined by SAE Engine Test Code, with the following standard power consuming accessories: GENERATOR, WATER PUMP, MANIFOLDS, FUEL PUMP, MANUAL SPARK ADVANCE, AND MANIFOLD HEAT OFF.

* EXPORT 7.1:1

X WHEN TWIN TURBINE TORQUE CONVERTER IS USED.

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ENGINE—RINGS

Type (top to bottom)	No. 1 oil or comp.	COMP.
	No. 2 oil or comp.	"
	No. 3 oil or comp.	OIL
	No. 4 oil or comp.	NONE
No. rings above piston pin		3
Compression	Material	CAST IRON
	Coating	LUBRITE
	Width	.0781
	Gap	.010 - .020
	Maximum wall thickness	.184
Oil	Material	CAST IRON
	Coating	LUBRITE
	Width	.1875
	Gap	.010 - .020
	Maximum wall thickness	.150
Location of expanders		OIL RING

ENGINE—PISTON PINS

Material		1045 STEEL
Length		3.093
Diameter		1.00"
Type	Locked in rod, in piston, floating, etc.	LOCKED IN ROD
	Bushing	In rod or piston NONE
	Material	"
Clearance	In piston	.00005 - .0001"
	In rod	0
Direction offset in piston		1/16 TOWARD MAX. THRUST SIDE

ENGINE—CONNECTING RODS

Material		1041 STEEL
Weight (oz.)		23.49
Length (center to center)		6.625
Bearing	Material	MORAINÉ DUREX
	Type (cast-in or removable)	REMOVABLE
	Effective length	.8909 - .9009
	Clearance	.001 - .0035
	End play	.008 - .014 (TOTAL TWO RODS)

ENGINE—CRANKSHAFT

Material	1145 STEEL
Weight (lb.)	61.5

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ENGINE—CRANKSHAFT (cont.)

Vibration damper type		RUBBER ABSORPTION	
End thrust taken by bearing (No.)		REAR MAIN	
Crankshaft end play		.001 - .005	
Main bearing	Material	MORAINE DUREX	
	Type (cast-in or removable)	REMOVABLE	
	Clearance	.0008 - .0025	
	Journal dia. and bearing effective length	No. 1	2.5 x .907
		No. 2	"
		No. 3	"
		No. 4	"
		No. 5	2.5 x 1.622
No. 6		NONE	
No. 7		NONE	
Direction offset from cyl. bore		NONE - SEE PISTON	
Connecting rod crankpin journal diameter		2.25	

ENGINE—CAMSHAFT

Material		120 M CAST IRON	
Bearings	Material	STEEL BACKED BABBITT	
	Number	5	
Type of drive	Gear or chain		CHAIN
	Crankshaft gear or sprocket material		1118 OR 1115 STEEL
	Camshaft gear or sprocket material		1115 STEEL
	Timing chain	Make	LINK BELT
		No. of links	46
		Width	.6875
Pitch		.500	

ENGINE—VALVE SYSTEM

Hydraulic lifters (yes, no)		YES
Special provision for valve rotation (intake, exhaust)		NO
Rocker ratio		1.5 - 1
Operating tappet clearance (indicate hot or cold)	Intake	AUTOMATIC
	Exhaust	"
Tappet clearance for timing	Intake	--
	Exhaust	--
Timing marks on fly-wheel, damper, other		VIBRATION DAMPNER

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MODEL ALL

ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	WITHOUT RAMP	22°	
		Closes (°ABC)	"	67	
	Exhaust	Opens (°BBC)	"	63	
		Closes (°ATC)	"	27	
Intake	Material		3140 STEEL (RICH)	(EATON) - 8645	
	Overall length		4.628 - 4.648	4.628 - 4.653	
	Actual overall head dia.		1.750		
	Angle of seat		44°		
	Seat insert material		NONE		
	Stem diameter		.3415 - .3425		
	Stem to guide clearance		.0005 - .0025		
	Lift		.365		
	Outer spring press. and length	Valve closed (lb. @ in.)	.61 - 1.696"		
		Valve open (lb. @ in.)	.140 - 1.326		
	Inner spring press. and length	Valve closed (lb. @ in.)	NONE		
		Valve open (lb. @ in.)	--		
	Exhaust	Material		81940 (EATON)	(RICH) HEAD - N82120 . STEM - 8729
		Overall length		4 21/32	
Actual overall head dia.		1.562			
Angle of seat		44°			
Seat insert material		NONE			
Stem diameter		.3415 - .3420			
Stem to guide clearance		.001 - .0025			
Lift		.365			
Outer spring press. and length		Valve closed (lb. @ in.)	61 - 1.696		
		Valve open (lb. @ in.)	140 - 1.326		
Inner spring press. and length		Valve closed (lb. @ in.)	NONE		
		Valve open (lb. @ in.)	--		

ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	PRESSURE
	Connecting rods	"
	Piston pins	SPLASH
	Camshaft bearings	PRESSURE
	Tappets	"
	Timing gear or chain	METERED CENTRIFUGAL FLOW
	Cylinder walls	INTERMITTENT JET

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ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	GEAR
Normal oil pressure (lb. @ mph)	30-35 @ 30 MPH
Oil pressure gage type (electric or mechanical)	ELECTRIC TELL TALE
Type oil intake (floating, stationary)	FLOATING
Oil filter type (full flow, partial flow)	PARTIAL FLOW. - ACCESSORY EQUIPMENT
Capacity of crankcase, less filter—refill (qt.)	5
Oil grade recommended (SAE viscosity and temperature range)	+32° F 20W OR SAE 20 +10° F 20W -10° F 10W MINIMUM ANTICIPATED TEMPERATURE BELOW -10° F -- 5W
Oil type recommended	FOR SERVICE MS OR DG

ENGINE—FUEL SYSTEM

Recommended fuel	Standard head	PREMIUM
	Optional head	NONE
Fuel tank, capacity (gal.)		20
Fuel pump	Type (elec. or mech.)	MECH.
	Location	TOP RIGHT FRONT
	Pressure range	4 -- 5.25
	Vacuum booster (std., optl., none)	STD.
Carburetor	Make	CARTER OR ROCHESTER PRODUCTS
	Model number	W.C.F.B. - 2005-S 4-GC
	Number used	1 1
Type	Downdraft, side inlet, other	DOWN DRAFT - TOP INLET
	Single or dual	4 BARREL
Intake manifold heat control (manual, auto., none)		AUTOMATIC
Automatic choke type (Integral, other)		INTEGRAL
Air cleaner type	Standard	AC OIL BATH
	Optional	NONE

ENGINE—EXHAUST SYSTEM

Muffler type (reverse flow, straight through)	REVERSE FLOW
Exhaust pipe diameter	2"
Tail pipe diameter	1.75

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MODEL	60-62		75

ENGINE—COOLING SYSTEM

Type (pressure system, atmospheric, other)		PRESSURE	
Radiator cap relief valve press.		12-15 LBS.	
Circulation thermostat	Type (choke, bypass)	CHOKE	
	Starts to open at	163° - 168°	
Water pump	Type (centrifugal, other)	CENTRIFUGAL - DUAL OUTLET	
	Number of pumps	1	
	Drive (V-belt, other)	V-BELT	
	Bearing type	DOUBLE ROW BALL BEARING	
By-pass recirculation type (internal, external)		INTERNAL	
Radiator core type (cellular, tube and fin)		TUBE & FIN	
Cooling system capacity	With heater (qt.)	20.75	21.25 x
	Without heater (qt.)	19.75	20.25 x
Water jackets full length of cylinder (yes, no)		YES	
Water all around cylinder (yes, no)		YES	
Radiator hose	Lower	Number and type (molded, straight)	1 - MOULDED
		Inside diameter and length	1 3/4 x 8 7/16
	Upper	Number and type (molded, straight)	1 - MOULDED
		Inside diameter and length	1 3/4 x 8 7/16
	By-pass	Number and type (molded, straight)	NONE
		Inside diameter and length	NONE
Drive belts	Fan	Number used	1
		Angle of V	40°
		Outside length	57"
		Width	3/8"
	Generator	Angle of V	SAME AS FAN
		Outside length	" " "
		Width	" " "
Fan	Number of blades and spacing	4 @ 76° **	5 { 2 AT } 92° 30' { 1 } 65° 30'
	Diameter	18	18 1/2
	Ratio—fan to crankshaft revolutions	.95 - 1	
	Bearing type	NONE	

POWER STEERING - ADDITIONAL BELT -- BELT 57"

* FAN, PUMP & GEN. BELT

** USE 75 SERIES FAN ON ALL AIR CONDITIONED CARS.

X WHEN TWIN TURBINE TORQUE CONVERTER IS USED.

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MODEL ALL

ELECTRICAL—SUPPLY SYSTEM

Battery	Make	DELCO REMY		
	Model	3EE70W		
	SAE designation	N.A.		
	Location	UNDER HOOD ON TRAY ATTACHED TO R. H. DASH & TO FRAME BRACE FRONT OF DASH.		
	Terminal grounded	NEGATIVE		
Generator	Make	DELCO REMY		
	Model	1102002		
	Type	12 VOLT SHUNT WOUND		
	Ratio—Gen. to Cr/s rev.	2.15 - 1		
Regulator	Make	DELCO REMY		
	Model	1118750		
	Type	CURRENT & VOLTAGE CONTROL		
	Cutout relay	Closing voltage @ generator rpm	11.8 - 13.6 ADJ. 12.8	
		Reverse current to open	.0 - 4	
	Regulated	Voltage	14.0 - 15.0 ADJ. 14.5	
		Current	27 - 33° @ OPERATING TEMP. - ADJ. 30°	
	Min. Gen. rpm required	2150		
	Voltage test conditions	Temperature	HOT - RUN GEN. 15 MIN. AT FULL ELECTRIC LOAD BEFORE TESTING.	
Load		8-10 AMPS VARIABLE RESISTANCE METHOD.		
Other		1 1/2 OHM FIXED RESISTANCE METHOD.		

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	DELCO REMY		
	Model	1107602		
	Rotation (drive end view)	CLOCKWISE		
	Engine cranking speed	N.A.		
	Test conditions	N.A.		
	Lock test	Amps	460 AMPS MAX.	
		Volts	5.2 VOLTS MAX.	
		Torque (lb. ft.)	11.5 FT. LBS. MIN.	
	No load test	Amps	75 AMPS MAX.	
		Volts	10.3	
RPM (min.)		6500		
Motor control	Switch (solenoid, manual)	SOLENOID		
	Starting procedure	<p>COLD START - DEPRESS ACCELERATOR ALL THE WAY AND REMOVE FOOT - TURN IGNITION KEY TO FULL RIGHT POSITION TO START.</p> <p>WARM START - DEPRESS ACCELERATOR PEDAL HALFWAY - HOLD UNTIL ENGINE STARTS.</p>		

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ELECTRICAL—STARTING SYSTEM (cont.)

Motor drive	Engagement type		SOLENOIS ENGAGEMENT
	Pinion meshes (front, rear)		FRONT
	Number of teeth	Pinion	9
		Flywheel	145
Flywheel tooth face width		.500	

ELECTRICAL—IGNITION SYSTEM

Coil	Make		DELCO REMY
	Model		1115082 , RESISTOR #1923681
	Amps	Engine stopped	3.0
Engine idling		1.25	
Distributor	Make		DELCO REMY
	Model		1110835
	Spark advance data (at distributor shaft)	Centr. advance start (rpm)	400 - 500
		Centr. advance max. deg. @ rpm	11.25 - 13.25 @ 2000
		Vacuum advance start (in. Hg.)	6.5 - 9.0" Hg
		Vac. adv. (max. deg. @ in. Hg.)	13° - 14.5° @ 16" - 17" Hg
	Breaker gap (in.)		.010 - .015
	Cam angle (deg.)		31° ± 1 1/2°
Breaker arm tension (oz.)		19 - 23 oz.	
Timing	C/S deg. @ rpm		2 1/2°
	Mark location		CRANKSHAFT BALANCER
	Cylinder numbering system (see page 2)		L. - 1-3-5-7 R. - 2-4-6-8
	Firing order (see page 2)		1-8-4-3-6-5-7-2
Spark plug	Make and model		A.C. 46-5 -- 5569286
	Thread (mm)		14
	Tightening torque (lb. ft.)		20-25
	Gap		.035
Cable	Conductor type		7MM
	Insulation type		NEOPRENE JACKET
	Spark plug protector		NEOPRENE BOOT

ELECTRICAL—SUPPRESSION

Description	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">DIST. ROTOR</td> <td>10,000 OHM RESISTOR</td> </tr> <tr> <td>GEN. CONDENSER</td> <td>.3 MFD CONDENSER ON GENERATOR (ARM TERM.)</td> </tr> <tr> <td>COIL CONDENSER</td> <td>.3 MFD CONDENSER ON COIL (FEED TERM.)</td> </tr> <tr> <td>REG. CONDENSER</td> <td>.5 MFD CONDENSER ON BATTERY TERM. OF REG.</td> </tr> </table>	DIST. ROTOR	10,000 OHM RESISTOR	GEN. CONDENSER	.3 MFD CONDENSER ON GENERATOR (ARM TERM.)	COIL CONDENSER	.3 MFD CONDENSER ON COIL (FEED TERM.)	REG. CONDENSER	.5 MFD CONDENSER ON BATTERY TERM. OF REG.
DIST. ROTOR	10,000 OHM RESISTOR								
GEN. CONDENSER	.3 MFD CONDENSER ON GENERATOR (ARM TERM.)								
COIL CONDENSER	.3 MFD CONDENSER ON COIL (FEED TERM.)								
REG. CONDENSER	.5 MFD CONDENSER ON BATTERY TERM. OF REG.								

2 ENGINE GROUND STRAPS -- FROM BACK OF EACH HEAD TO DASH.

AMA Consolidated Specification Questionnaire

MAKE OF CAR CADILLAC **MODEL YEAR** 1953

MODEL ALL

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Make</td> <td>A.C.</td> </tr> <tr> <td>Trip odometer (yes, no)</td> <td>YES</td> </tr> </table>	Make	A.C.	Trip odometer (yes, no)	YES
Make	A.C.				
Trip odometer (yes, no)	YES				
Charge Indicator—type	TELL TALE LIGHT				
Temperature indicator—type	ELECTRIC INDICATOR				
Oil pressure indicator—type	TELL TALE LIGHT				
Fuel indicator—type	ELECTRIC INDICATOR				
Ignition switch	Identify positions in order and circuits controlled CENTER - OFF CLOCKWISE 1st POSITION - ALL CIRCUITS ON. 2ND " - IGN. & STARTER CIRCUITS ON. COUNTERCLOCKWISE 1st POSITION - ALL ACCESSORIES				
	Provision for illumination	YES			
	Location	ON CONTROL PLATE RIGHT OF STEERING COLUMN.			
	Theft protection type	NO			
Main lighting switch	Identify positions and lights controlled PULL OUT - 1st POSITION - PARKING OR FOG, INSTRUMENT, TAIL. 2ND " - FULL OUT - INSTRUMENT, HEAD & TAIL LIGHTS. RHEOSTAT - CLOCKWISE TO DECREASE INTENSITY OF INSTRUMENT LIGHTS.				
	Locations and lamps controlled	FRONT DOOR SWITCH - MAP & COURTESY LIGHTS ON PANEL. REAR " " - DOME - SEDANS ONLY. LEFT CENTER PILLAR - " - SEDANS ONLY. MANUAL MAP LIGHT SWITCH - LEFT MAP LIGHT ON PANEL. REAR DOOR PILLARS - 75 SERIES - DOME & COURTESY. REAR LEFT QUARTER PANEL - CONV. - BOW DOME LIGHT.			
Other light switches	Locations and devices controlled SIDE DOME - SWITCH - COUPE DEVILLE - LEFT QUARTER ARM REST. GLOVE BOX LIGHT SWITCH - UPPER LEFT HAND CORNER OF DOOR. BRAKE LT. SW. - LOCATED ON BRAKE LEVER - LT. IN INST. PANEL. TURN SIGNAL - SWITCH - IN STEERING COLUMN. HEATER SWITCHES - INST. PANEL - DASH & U.S. HEATER RADIO - SWITCH - INTEGRAL PART OF VOLUME CONTROL IN RADIO.				
Windshield wiper	Make	TRICO			
	Type	VACUUM			
	Vacuum booster provision	YES			
	Washer provision	YES			
Horn	Type	VIBRATOR			
	Number used	TWO			
	Amp draw (each)	LOW 8.5 - 10.5 HIGH 7.5 - 9.5			

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ELECTRICAL—LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-4030.
Indicate accessories which are not standard equipment by an asterisk following the numbers.

Headlamp	2	SEALED BEAM UNIT		
Headlamp beam indicator	1	57		
Parking light & SIGNAL	2	1034 32-4 C.P.	FOG 2 1026 PARKING 2 67	
Tail light	2	1034 32-4 C.P.		
Stop light				
Direction indicator	Front	SEE UNDER PARKING LIGHT		
	Rear	" "	TAIL LAMPS	
	Tell-Tale	2	57	
License plate light	1	67		
Instrument light	2	57		
Ignition lock light & CIGAR LIGHTER	1	53		
Map light & COURTESY	2	68		
Dome light	1	1004	CHAFFEURS COMPT. 75 IMP. -	1 - 90
Clock light	2	57		
Radio dial light	1	57		
Glove compartment light	1	57		
Courtesy light	2	90	75 SERIES	
Trunk compartment light	1	89		
Other OIL TELL TALE	1	57	-- HYD. SHIFT IND.	1 - 57
GEN. TELL TALE	1	57	-- BACK UP LIGHT	2 - 1073 32 C.P.
HAND BRAKE TELL TALE	1	57	-- SEALED BEAM SPOTLIGHT	
BOW DOME LAMP	1	90	CONV. ONLY	
CORNER LAMP	2	90	75 SERIES	

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 light: SFE-10 (a), Direction Indicator: same as (a).

Headlamp	22A
Headlamp beam indicator	"
Parking light	"
Tail light	"
Stop light	"
Direction indicator	6 A
License plate light	22 A.C.B.
Instrument light	"
Ignition light	"
Map light	"
Dome light	"
Clock	"
Clock light	"
Radio	7.5 A
Glove compartment light	22 A.C.B.
Courtesy light	"
Trunk compartment light	"
Other	
HEATER	20 A
BODY FEED	22 A.C.B.
FOG LIGHTS	"
SPOTLIGHT	9 A
HYDRAULIC WINDOW CONTROLS	CB-10

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*** DRIVE UNITS—CLUTCH (PEDAL OPERATED)**

Make		LONG MFG. CO.,	
Type (dry or wet plate)		DRY	
In combination with fluid coupling (yes, no)		NO	
Semi-centrifugal (yes, no)		YES	
Type pressure plate springs		COIL	
Total plate pressure (lb.)		VAR IABLE	
No. of clutch driven discs		ONE	
Clutch facing	Material	WOVEN ASBESTOS	
	Inside diameter	7"	
	Outside diameter	11"	
	Total eff. area (sq. in.)	113	
	Thickness	.137	
	Number required	TWO	
	Engagement cushioning method	FORMED DISC	
	Release bearing	Type	THRUST
		Method of lubrication	GREASE WHEN REQUIRED
	Torsional damping	Method (springs, other)	SPRING & FRICTION DAMPING
Frict. mat.		RAYBESTOS MANHATTAN SPIRAL WOUND	

DRIVE UNITS—TRANSMISSIONS

Conventional (std. or opt.)	NA	STD
Conventional with overdrive (std. or opt.)		NA
Automatic (std. or opt.)	STD.	OPT.

DRIVE UNITS—CONVENTIONAL TRANSMISSION

Number of forward speeds		3
Transmission ratios	In first	2.39:1
	In second	1.53:1
	In third	DIRECT
	In fourth	NONE
	In reverse	2.39:1
Constant mesh gears in 2nd (yes, no)		YES
Spur gear used in (indicate speeds)		NONE
Helical gears used in (indicate speeds)		1-2 REV.
Synchronous meshing in 2nd and 3rd gears (yes, no)		YES

* 75 SERIES ONLY

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DRIVE UNITS—CONVENTIONAL TRANSMISSION (cont.)

Lubricant	Capacity (pt.)	3 3/4		
	Type recommended	HYPOID LUB.		
	SAE viscosity number	Summer	90	
		Winter	90	
	Extreme cold	80		

DRIVE UNITS—CONVENTIONAL TRANSMISSION WITH OVERDRIVE - NONE

For transmission data see conventional transmission section

Overdrive NONE	Type (planetary or other)			
	If planetary, No. of pinions			
	Manual lockout (yes, no)			
	Downshift accelerator control (yes, no)			
	Minimum cut-in speed			
	Gear ratio			
	Lubricant	Capacity (O.D. only)		
		Separate filter (yes, no)		
		Type recommended		
		SAE viscosity number	Summer	
Winter				
	Ext. cold			

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	HYDRAMATIC - DUAL RANGE & TWIN TURBINE TORQUE CONVERTER	
Type (fluid coupling with gears, torque converter with gears, other)	X TORQUE CONVERTER WITH GEARS. FLUID COUPLING WITH GEAR.	
Manual selector positions, left to right (show symbols and define, e.g., N- Neutral)	X N - NEUTRAL DR - FIRST POSITION (1-2-3-4 SHIFT) SECOND " (1-2-3 SHIFT) LO - LOW RANGE R - REVERSE P = PARK N = NEUTRAL DR = DRIVE L = LOW R = REVERSE	
List gear ratios in each drive position (range)	X LOW - 3.819 SECOND - 2.634 THIRD - 1.450 FOURTH - DIRECT REVERSE - 4.304 D-1 X CONVERTER RATIO L-1.82 X CONVERTER RATIO R-1.82 X CONVERTER RATIO	
Shifting within drive position range by accelerator control and speed limiting governor (yes, no)	YES	No
By governor—forced shift (yes, no)	YES	No
Downshift of gears in high range possible up to (mph)	X 4-3 to 70 MPH -- 3-2 to 25 MPH MANUAL DOWNSHIFT NOT RECOMMENDED OVER 40 MPH	

X = WHEN TWIN TURBINE TORQUE CONVERTER IS USED.

AMA Consolidated Specification Questionnaire

MAKE OF CAR CADILLAC MODEL YEAR 1953

MODEL 62-60 75

DRIVE UNITS—AUTOMATIC TRANSMISSION (cont.) * = WHEN TWIN TURBINE TORQUE CONVERTER IS USED.

Torque convertor	Number of elements		x	FOUR
	Max. ratio at stall at engine rpm		x	2.45 @ 1700
	Mechanical lockup	Provided (yes, no)	x	NO
		Speed range	x	--
Releases at (speed range, mph)		x	--	
NONE	Type of cooling (forced air, oil cooler and type, other)		x	WATER COOLED
	Anti-creep device (yes, no)		x	NO
Lubricant	Capacity—refill (pt.)		x	20
	Type recommended		x	--
	Grade	Summer	x	TYPE A
		Winter	x	TYPE A
Extreme cold		x	TYPE A	

DRIVE UNITS—PROPELLER SHAFT

Number used		1	2
Type (exposed, torque tube)		EXPOSED	
Outer diameter x length* x wall thickness	Conventional trans.	--	FRONT SHAFT 2.5 x 2.25 x 26.25 x .065 REAR SHAFT 2.5 x 2.25 x 44.938 x .065
	Automatic trans.	2.5 x 44.078 x .065 - SER. 62 2.5 x 51.172 x .065 - SER. 60	SAME
	Type (plain, anti-friction)	--	ANTI-FRICTION
Intermediate bearing	Lubric. (fitting, prepack)	--	PRE-PACKED
Universal joints	Make		MECHANICS & SAGINAW
	Number used		2 3
	Type (ball and trunnion, cross, other)		CROSS & TRUNNION
	Bearing	Type (plain, anti-friction)	NEEDLE
Lubric. (fitting, prepack)		PRE-PACKED	
Drive taken through (torque tube or arms, spring)		SPRINGS	
Torque taken through (torque tube or arms, springs)		SPRINGS	

*Centerline to centerline of joints or centerline of rear attachment point.

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MODEL 60-62 75

DRIVE UNITS—REAR AXLE

Type (semi-floating, other)		SEMI-FLOATING		
Gear type (hypoid, other)		HYPOID		
Gear ratio and No. of teeth	Conventional trans.	N.A.	3.77	
	Overdrive trans.	NONE	--	
	Automatic trans.	3.07 & 3.36 (x)	3.77 & 4.27 (x)	
Pinion adjustment (shim, other)		NONE		
Pinion bearing adj. (shim, other)		COLLAPSABLE SPACER		
Lubricant	Capacity (qt.)	5		
	Type recommended	G.M. 4655M HYPOID LUB.		
	SAE viscosity number	Summer	90	
		Winter	90	
Extreme cold		80		

DRIVE UNITS—WHEELS

Type (disc, other)		SLOTTED STEEL DISC	
Rim (size and flange type)		15 x 6L	
Attachment	Type (bolt or stud)	STUD	
	Circle diameter	5"	
	Number and size	5 - 1/2 - 20	

DRIVE UNITS—TIRES

Size and ply rating	Standard	8.00 x 15 4 PLY BLACK	8.20 x 15 6 PLY
	Optional	8.20 x 15 4 PLY WHITE	--
Rev/mile at 30 mph		**	**
Inflation press. (cold)	Front	24	28
	Rear	24	28

BRAKES—SERVICE

Type		HYDRAULIC DUO SERVO	
Booster type		NONE	
Effective area (sq. in.)		258.5	258.5
Percent brake effectiveness—rear		44.2	
Drum	Diameter	12"	12"
		12"	12"
Type and material		COMPOSITE RIBBED CAST IRON	

	<u>8.20 x 15</u>	<u>8.00 x 15</u>
** FIRESTONE	703.9	711.8
U.S. ROYAL	708.1	716.0
GOODRICH	706.4	714.3

(x) WHEN TWIN TURBINE TORQUE CONVERTER IS USED.

AMA Consolidated Specification Questionnaire

MAKE OF CAR	CADILLAC	MODEL YEAR	1953
MODEL	60-62		75

BRAKES—SERVICE (cont.)

Brake lining	Bonded or riveted		RIVETED	
	Primary	Material		MOLDED
		Size (length x width x thickness)	Front wheel	12.92 x 2.5 x .25
			Rear wheel	12.92 x 2.5 x .25
		Segments per shoe		1
	Secondary	Material		MOLDED
		Size (length x width x thickness)	Front wheel	12.92 x 2.5 x .25
			Rear wheel	12.92 x 2.5 x .25
		Segments per shoe		1
	Wheel cylinder bore	Front		1 1/8"
Rear			1"	
Master cylinder bore			1"	
Available pedal travel			5 21/32"	
Line pressure at 100 lb. pedal load			575	
Shoe clearance adjustment			.007 - .010	

BRAKES—PARKING

Type of control		T-HANDLE
Location of control		LEFT OF STEERING COLUMN
Operates on		REAR SERVICE BRAKES
If separate from service brakes	Type (internal or external)	NONE
	Drum diameter	--
	Lining size (length x width x thickness)	--

FRAME

Type and description	BOX GIRDER - I-BEAM X-MEMBER
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FRONT SUSPENSION

Type and description	INDEPENDENT COIL SUSPENSION
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AMA Consolidated Specification Questionnaire

MAKE OF CAR	CADILLAC	MODEL YEAR	1953
MODEL	60	62	75

FRONT SUSPENSION (cont.)

Spring	Type	COIL		
	Material	9260 STEEL		
	Size (length x width x No. leaves or coil I.D.)	(1) 16.38 x 4	(2) 16.62 x 4	16.88 x 4
	Spring rate (lb. per in.)	350	350	375
	Rate at wheel (lb. per in.)			
	Normal load (lb. @ rated length)	2210 @ 10 1/16	2165 @ 10 1/16	2445 @ 10 5/16
Shock absorbers	Manufacturer	DELCO PRODUCTS		
	Type (direct or lever)	HYDRAULIC DIRECT ACTING		
	Piston diameter	1	1	1 3/8
Stabilizer	Type (link, linkless, frameless)	LINK		
	Material	STEEL		

STEERING

Type used (Standard or optional)	Mechanical	RECIRCULATING BALL - STD.			
	Power	OPT.			
Wheel diameter	18"				
Turning diameter	Wall to wall	45.7			
	Curb to curb	43.2	44.2	48.2	
Outside wheel angle with inside wheel at 20°	LEFT TURN 25° 25'		24° 7'		
	RIGHT TURN 24° 42'		23° 6'		
Mechanical	Gear	Type	WORM AND BALL		
		Make	SAGINAW		
		Ratios	Gear	21.3	
			Overall	25.47	
	No. wheel turns (l. to r.) (l. to r.)	4.5			
Power	Type	HYDRAULIC POWER			
	Make	SAGINAW			
	Trade name	CADILLAC POWER STEERING			
	Gear	Type	BEVEL GEAR & RACK		
		Ratios	Gear	SEE MECHANICAL	
			Overall	" "	
	Pump driven by	CRANKSHAFT			
	Overall torque ratio				
Number wheel turns (l. to r.)	SEE MECHANICAL				
Linkage	Type	PARALLEL DRAG LINK			
	Location (front or rear of wheels)	REAR			
	Drag link (trans. or long)	TRANSVERSE			
	Tie rods (one or two)	TWO			

- (1) 6219, 6237, 37D
 (2) 6019, 6267

AMA Consolidated Specification Questionnaire

MAKE OF CAR	CADILLAC	MODEL YEAR	1953
MODEL	60	62	75

STEERING (cont.)

Kingpin	Inclination at camber (deg.)		5° 51' @ 0 GAMBER
	Diameter		1"
	Bearings (type)	Upper	BRONZE
		Lower	"
	Thrust	BALL	
Wheel alignment (range and preferred)	Caster (deg.)		- 1/2° - + 1/2°
	Camber (deg.)		- 3/8° - + 3/8°
	Toe-in (outside tread-inches)		1/16 - 1/8
Steering knuckle type			REVERSE ELLIOT
Wheel spindle	Diameter	Inner bearing	2.9630
		Outer bearing	2.25
	Thread size		3/4 - 20 NS-3
	Bearing type		BALL

REAR SUSPENSION

Type			LEAF	
Drive and torq. taken through (see page 14)			REAR SPRINGS	
Spring	Type		SEMI-ELLIPTIC	
	Material		9260 STEEL	
	Size (length x width x No. leaves or coil I.D.)		54.5 x 2 x 8 56.5 x 2 x 10	
	Spring rate (lb. per in.)		120 (2) 110 (1) 135	
	Rate at wheel (lb. per in.)		11	
	Normal load (lb. at rated length)		1145 @ -.84 1120 @ -.84 1300 @ .64 AND CONV. AND COUPE	
	Mounting insulation type			RUBBER
	If leaf	No. of leaves		8 10
		Covers (yes, no)		NO
		Lubricated (yes, no)		NO
Inserts		Type and size	FULL LENGTH	
	Material	WAX LINERS		
Shackle (comp. or tens.)		COMPRESSION LINK		
Shock absorbers	Manufacturer		DELCO	
	Type (direct or lever)		HYDRAULIC DIRECT ACTING	
	Piston diameter		1" 1 3/8"	
Stabilizer	Type (link, linkless, frameless)		NONE	
	Material		"	
Track bar type			"	

- (1) 6219, 6237, 370
- (2) 6267, 6019

MAKE OF CAR CADILLAC MODEL YEAR 1953

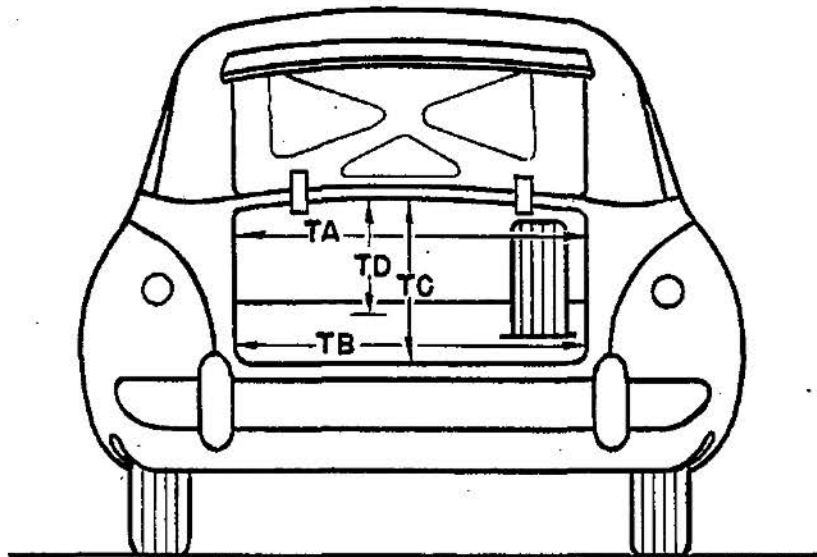
BODY—GENERAL DEFINITIONS

NOTE: Included in the dimension definitions listed on this and the following pages are those which have been proposed for adoption by the SAE. These are indicated by a number following the type of dimension, e.g., L 3. Additional dimensions have been added by the AMA Specifications Body Sub-Committee for inclusion in the Questionnaire. These are shown by an additional letter, e.g., HA. The dimensions are developed from the following basic points:

1. Front and rear seat "A" points are taken 5" forward of vertical tangent to seat back 15" from center of body.
2. Front seat is in the rear position.
3. Loaded position—5 passengers, front 300 lb., rear 450 lb., includes spare wheel, tire and tools, and full complement of gas, oil, water, etc. and tires to recommended pressure, etc.
4. C. L. (centerline).
5. D. L. O. (daylight opening, exposed glass dimension).
6. Ramp breakover angle (page 20)—is the supplement of the included ramp angle over which a car can pass without hanging up.

MODEL	6237 6237D	6219	6267S 6267	6019	75
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BODY—TRUNK OPENING DIMENSIONS



TA—Width across the top	NA
TB—Width across the bottom	NA
TC—Diagonal dimension at CL from top of opening to bottom	* NA
TD—Vertical height of opening (floor to top, inside edge of opening)	NA
Position of spare tire stowage	VERTICAL
Method of holding lid open	COUNTER BALANCED SPRING

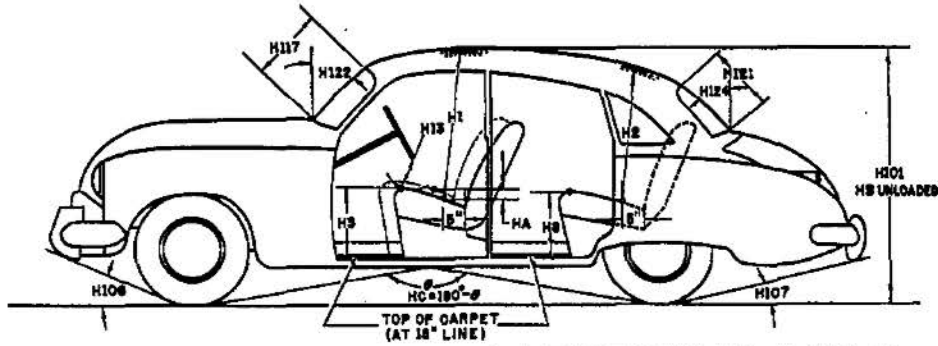
* CUBICAL SPACE TAKEN WITH STANDARD LUGGAGE

AMA Consolidated Specification Questionnaire

MAKE OF CAR CADILLAC MODEL YEAR 1953

MODEL	6237 - 37D	6219	6267 6267S	6019	7523
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BODY—HEIGHT DIMENSIONS



Interior	H1. Front headroom—from "A" pt. to headlining at 8° back of vertical on 15" line. (For "A" pt. see note 1, page 19)	34 3/16 (37) 34 3/8 (37D)	35 13/16	34 15/16 34.9 (67S)	35 13/16	36 9/16 (23) 36 3/8 (33)
	H2. Rear headroom—from "A" pt. to headlining at 8° back of vertical on 15" line.	34 3/16	35 9/16	34 5/8	35 9/16	35
	H3. Front seat height to floor carpet on 15" line (front edge of cushion).	14 9/16	14 9/16	14 7/16 13.6 (67S)	14 9/16	13 3/4 (23) 13 13/16 (33)
	H8. Rear seat height to floor carpet on 15" line (front edge of cushion).	12 5/16	12 1/2	12 5/16 11.3 (67S)	12 1/2	14
	H13. Steering wheel clearance to seat cushion taken on arc.	5 1/8	5 1/8	5 1/8	5 1/8	5 15/16 5 1/8
	HA. Front seat vertical rise at "A" pt. (inches.)	.3				
Exterior	H101. Overall height.	60.9	62.7	61.1 *	62.7	64.01
	HB. Overall height—unloaded.					
	H106. Angle of approach—from the tire rolling radius to lowest point on front bumper or guard.	18° 30'	18° 30'	18° 30' 17 (67S)	18° 30'	19° 30'
	H107. Angle of departure—from the tire rolling radius to lowest point on rear bumper or guard.	12.5	14°	12.5 11° 30' (67S)	12.5	15
	HC. Ramp breakover angle.*	13° 24'		11° 30' (67S)	13° 02'	12° 28'
	H117. Windshield DLO-slant height.	17.2		16 (67S)		
	H121. Backlight DLO*—Max., slant height.	13.6	14.01	11.6 7 (67S)	14.01	12.1
	H122. Windshield slope angle to vertical line on car axis.	48.5°	48.5°	48.5° 52 (67S)	48.5°	48.5°
	H124. Backlight slope angle to vertical line on car axis.	52°	48°	50° 41.3 (67S)	48°	45°
	** HD. Min. road clearance (location and dimension).	7.25	7.25	6 5/8 5 5/8 (67S)	7.25	* 6.75
HE. Min. road clearance at rear axle.	8.2	8.2	8.2	8.2	8.4	

*See Notes, page 19.

** DRAIN PLUG - ENGINE

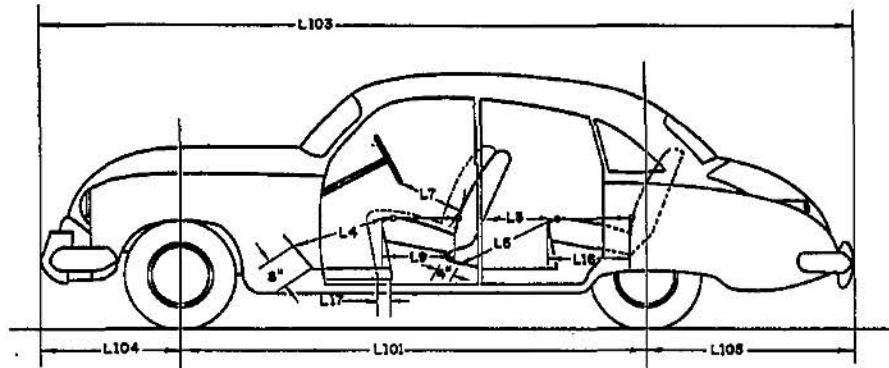
*58 1/8 (67S)

* BENEATH REAR SHOCKS

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MAKE OF CAR	CADILLAC	MODEL YEAR	1953
MODEL	6237 6237D	6219	6267 6267S
		6019	75

BODY—LENGTH DIMENSIONS



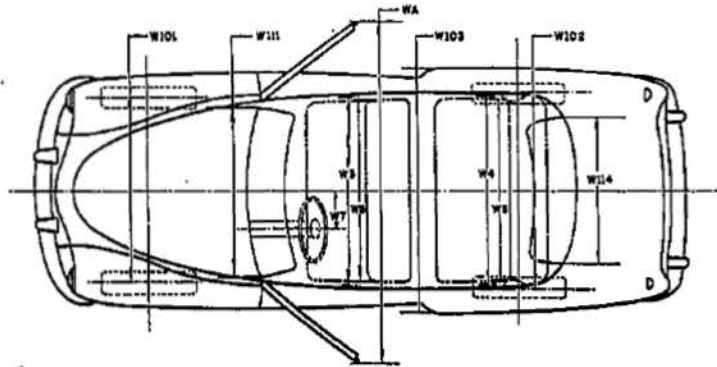
Interior	L3. Rear compartment back of front seat back to rear seat back.	29.3	34.9	29.5 29.7 (67S)	34.9	52.3
	L4. Leg room—front—diagonal—ball of foot to top of seat to front seat back—15" line.	43.9	43 15/16	43.9 43.6 (67S)	43 3/4	43 13/16 (23) 43 11/16 (33)
	L5. Leg room—rear—diagonal— from ball of foot to top of rear seat cushion and to seat back.	37 13/16	43 5/8	37 15/16	43 5/8	--
	L7. Steering wheel clearance to seat back taken on arc.	14.25	14.3	14.25 13.9 (67S)	14.3	14.5
	L9. Front seat depth (front edge to vert. tan. to seat back on 15" line).	19 1/8	19 1/8	19 1/8	19 1/8	18.4
	L16. Depth of rear seat (front edge to seat back).	19 1/16	19 3/8	19 1/16 18.9 (67S)	19 3/8	19.8
	L17. Total adjustment of front seat at floor.	4	4	4	4	4 *
Exterior	L101. Wheel base.	126	126	126	130	146.8
	L103. Overall length (bumper to bumper inc. guards).	220.8	215.8	220.8	224.8	236.6
	L104. Overhang—front including bumper guards.	34.9	34.9	34.9	34.9	34.9
	L105. Overhang—rear including bumper guards.	59.9	54.9	59.9	59.9	54.9

* 7523 IMP.
STATIONARY SEAT

AMA Consolidated Specification Questionnaire

MAKE OF CAR	CADILLAC	MODEL YEAR	1953		
MODEL	6237 6237D	6219	6267 6267S	6019	75'

BODY—WIDTH DIMENSIONS



	6237 6237D	6219	6267 6267S	6019	75'	
Interior	W3. Front shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	55.9	57.4	55.9	57.4	57.3 (23) 57.2 (33)
	W4. Rear shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	55.8	55.6	47.5	55.6	56.1
	W5. Front hip room, at top of seat 5" forward of vert. tan. to seat back.	62.6	62.6	63.8	61.8	64.1 (23) 64 (33)
	W6. Rear hip room, at top of seat 5" forward of vert. tan. to seat back.	54.4	64.3	51	63.1	56.6
	W7. Steering wheel center to center of body.	15.5	15.5	15.5 15.6 (67S)	15.5	15.5
	Exterior	W101. Front tread at ground.	59.12	59.12	59.12	59.12
W102. Rear tread at ground.		63.10	63.10	63.10	63.10	63.16
W103. Max. overall width of car including bumpers or mouldings.		80.1	80.1	80.1	80.6	80.1
WA. Max. overall width of car with doors open.		142.2	135.02	142.2	135.02	135.02
W111. Windshield DLO, max. width.		54.1				
W114. Back window DLO, max. width.		56.1	53.4	38 24 (67S)	53.9	38

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MAKE OF CAR CADILLAC **MODEL YEAR** 1953

MODEL	6237 6237D	6219	6267	6019	75
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BODY—TYPES

Body types and number of passengers. (Please use the letter code shown below followed by the number of passengers, e.g. A-6.)	B-5	H-5	L-5	H-5	H-8 T-8

Body type code

- | | |
|--|---|
| A—Coupe—2 door flatback
B—Coupe—2 door notchback
C—Sedan—2 door flatback
D—Sedan—2 door notchback
E—Sedan—4 door flatback (4 windows)
F—Sedan—4 door flatback (6 windows)
G—Sedan—4 door notchback (4 windows)
H—Sedan—4 door notchback (6 windows)
J—Hardtop—2 door
K—Hardtop—4 door | L—Convertible—2 door
M—Convertible—4 door
N—Station wagon—2 door
P—Station wagon—4 door
Q—Combined passenger and utility—2 door
R—Combined passenger and utility—4 door
S—Sedan delivery
T—Limousine |
|--|---|

BODY—MISCELLANEOUS INFORMATION

Doors hinged (front, rear)	Front	FRONT			
	Rear	"			
Type of finish (lacquer, enamel)		LACQUER			
Hood opening (front, side; semi-full, full, half)		FRONT			
Hood counterbalanced (yes, no)		YES			
Hood release control (internal, external)		EXTERNAL			
Windshield (one piece, two piece; curved, flat)		ONE			
Rear window type (one piece, two piece, three piece; curved, flat)		THREE-PIECE CURVED	ONE FLAT	THREE-PIECE CURVED	ONE-PIECE CURVED

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