

# AUTOMOBILE MANUFACTURERS ASSOCIATION CONSOLIDATED SPECIFICATION QUESTIONNAIRE

<b>MAKE OF CAR:</b> CADILLAC	<b>MODEL NAME</b>	<b>SYMBOL</b>
<b>COMPANY:</b> CADILLAC MOTOR CAR DIVISION GENERAL MOTORS CORPORATION 2860 CLARK AVENUE DETROIT 32, MICHIGAN	SEDAN	6219
	COUPE	6237
	COUPE DEVILLE	6237D
	COUPE CONV.	6267
	SEDAN	6019
	SEDAN	7523
<b>MODEL YEAR:</b> 1952	<b>DATE</b> JAN. 1, 1952	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	6019	75
<b>Wheelbase</b>	126			130		146.75
<b>Tread</b>	<b>Front</b>			59		
	<b>Rear</b>			63		
<b>Maximum Overall Dimensions</b>	<b>Length (L-103)</b>		215.5		220.5	
	<b>Width (W-103)</b>		80.1		80.6	
	<b>Height (H-101)</b>		62.6875		60.9375	
<b>Steering ratio—overall</b>	25.47					
<b>Turning diameter (curb to curb)</b>	22.5			23.0		25.5
<b>Shipping weight*</b>				NA		
<b>Transmission— (Specify standard, optional, not avail.)</b>	<b>Conventional</b>			NA		
	<b>Overdrive</b>			NONE		
	<b>Automatic</b>			STD.		
<b>Axle ratio</b>	<b>Conventional</b>			3.36		
	<b>Overdrive</b>					
	<b>Automatic</b>			3.36		
<b>Tire size</b>	8.00 x 15 - 4 PLY			8.20x15-6PLY		
<b>Engine</b>	<b>Type</b>			90° - V		
	<b>No. of cylinders</b>			8		
	<b>Valve arrangement</b>			OVERHEAD		
	<b>Bore and stroke</b>			3.8125 x 3.625		
	<b>Piston displacement, cu. in.</b>			331		
	<b>Standard compression ratio</b>			7.5:1		
	<b>Maximum bhp at engine rpm</b>			190 @ 4000		
<b>Maximum torque at rpm</b>			322 @ 2400			

\*Standard car weight, not including gas and water.

\* USED WITH STD. OR AUTOMATIC TRANS.  
3.07 OPT. 62-60-SERIES

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**MAKE OF CAR** CADILLAC **MODEL YEAR** 1952

**MODEL** ALL

## ENGINE—GENERAL

Type	V, In-line, other	V	
	Angle of 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	7.5:1	
	Optional Head		
Cylinders	Head Material	CAST IRON	
	Standard	N. A.	
	Optional		
	Sleeve—Wet, dry, other, none	NONE	
Number of mounting points	Front	TWO	
	Rear	ONE	
Taxable horsepower	(Dia. <sup>2</sup> x No. Cyl.) 2.5	46.5	
Advertised max. brake horsepower † engine RPM*	Standard head	190 @ 4000	
	Optional head	N. A.	
	With fuel (Octane and method)	Standard Head	88 RESEARCH
		Optional Head	N. A.
Max. torque (lb. ft. @ RPM)	Standard head	322 @ 2400	
	Optional head	N. A.	
Recommended idle speed (neutral)		430	

## ENGINE—PISTONS

Material	ALUMINUM ALLOY		
Description and finish	T SLOT - CAM GROUND - STANNATE COATED		
Weight (piston only) oz.	18.752		
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		

\*Corrected as defined by SAE Engine Test Code, with the following standard power consuming accessories:

\* EXPORT 6.70:1

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## ENGINE—RINGS

<b>Type (top to bottom)</b>	No. 1 oil or comp.	COMP.
	No. 2 oil or comp.	"
	No. 3 oil or comp.	OIL
	No. 4 oil or comp.	--
<b>No. rings above piston pin</b>		3
<b>Compression</b>	<b>Material</b>	CAST IRON
	<b>Coating</b>	LUBRITE
	<b>Width</b>	.0781
	<b>Gap</b>	.010 - .020
	<b>Maximum wall thickness</b>	.184
<b>Oil</b>	<b>Material</b>	CAST IRON
	<b>Coating</b>	LUBRITE
	<b>Width</b>	.1875
	<b>Gap</b>	.010 - .020
	<b>Maximum wall thickness</b>	.150
<b>Location of expanders</b>		OIL RING

## ENGINE—PISTON PINS

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

## ENGINE—CONNECTING RODS

<b>Material</b>			1041 STEEL
<b>Weight (oz.)</b>			23.95
<b>Length (center to center)</b>			6.625
<b>Bearing</b>	<b>Material</b>	MORAINE DUREX	
	<b>Type (cast-in or removable)</b>	REMOVABLE	
	<b>Effective length</b>	.8909 - .9009	
	<b>Clearance</b>	.001 - .0035	
	<b>End play</b>	.008 - .014 (TOTAL TWO RODS)	

## ENGINE—CRANKSHAFT

<b>Material</b>			1145 STEEL
<b>Weight (lb.)</b>			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	.0015 - .0025	
	Journal dia. and bearing effective length	No. 1	2.5 x 1
		No. 2	2.5 x 1.0625
		No. 3	" "
		No. 4	" "
		No. 5	" x 1.875
No. 6		—	
No. 7		—	
Direction offset from cyl. bore		NONE - SEE PISTON	
Connecting rod crankpin journal diameter		2.25	

## ENGINE—CAMSHAFT

Material		120M 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.)

<b>Timing</b>	<b>Intake</b>	Opens (°BTC)	WITHOUT RAMP	14
		Closes (°ABC)		58
	<b>Exhaust</b>	Opens (°BBC)		48
		Closes (°ATC)		24
<b>Intake</b>	<b>Material</b>		3140 STEEL	
	<b>Overall length</b>		4.539 - 4.559	
	<b>Actual overall head dia.</b>		1.750	
	<b>Angle of seat</b>		44°	
	<b>Seat insert material</b>		NONE	
	<b>Stem diameter</b>		.34375	
	<b>Stem to guide clearance</b>		.001 - .0025	
	<b>Lift</b>		.327	
	<b>Outer spring press. and length</b>	Valve closed (lb. @ in.)	60 - 1.696"	
		Valve open (lb. @ in.)	135 - 1.366"	
	<b>Inner spring press. and length</b>	Valve closed (lb. @ in.)	NONE	
		Valve open (lb. @ in.)	--	
<b>Exhaust</b>	<b>Material</b>		81940 (EATON) -- HEAD - N82120 STEM - 8729 (RICH)	
	<b>Overall length</b>		4.529 - 4.544 -- 4.539 - 4.559	
	<b>Actual overall head dia.</b>		1.562	
	<b>Angle of seat</b>		44°	
	<b>Seat insert material</b>		NONE	
	<b>Stem diameter</b>		.341	
	<b>Stem to guide clearance</b>		.0015 - .0025	
	<b>Lift</b>		.327	
	<b>Outer spring press. and length</b>	Valve closed (lb. @ in.)	60 - 1.696"	
		Valve open (lb. @ in.)	135 - 1.366	
	<b>Inner spring press. and length</b>	Valve closed (lb. @ in.)	NONE	
		Valve open (lb. @ in.)	--	

## ENGINE—LUBRICATION SYSTEM

<b>Type of lubrication (splash, pressure, nozzle)</b>	<b>Main bearings</b>	PRESSURE
	<b>Connecting rods</b>	"
	<b>Piston pins</b>	SPLASH
	<b>Camshaft bearings</b>	PRESSURE
	<b>Tappets</b>	"
	<b>Timing gear or chain</b>	NOZZLE
	<b>Cylinder walls</b>	"

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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)	TELL TALE
Type oil intake (floating, stationary)	FLOATING
Oil filter type (full flow, partial flow)	PARTIAL FLOW
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	HEAVY DUTY - PREMIUM

## ENGINE—FUEL SYSTEM

<b>Recommended fuel</b>	Standard head	PREMIUM	
	Optional head	--	
Fuel tank, capacity (gal.)		20	
<b>Fuel pump</b>	Type (elec. or mech.)	MECH.	
	Location	TOP RIGHT FRONT	
	Pressure range	4 -- 5.25	
	Vacuum booster (std., optl., none)	STD.	
<b>Carburetor</b>	Make	CARTER ROCHESTER PRODUCTS	
	Model number	W.C.F.B. 896S 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	

## ENGINE—EXHAUST SYSTEM

Muffler type (reverse flow, straight through)	REVERSE FLOW
Exhaust pipe diameter	2.094 - 2.099
Tail pipe diameter	1.75

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<b>MAKE OF CAR</b>	CADILLAC	<b>MODEL YEAR</b>	1952
<b>MODEL</b>	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	
	Without heater (qt.)	19	
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)	--
		Inside diameter and length	--
* Drive belts	Fan	Number used	1
		Angle of V	40°
		Outside length	57"
		Width	.380
	Generator	Angle of V	--
		Outside length	--
		Width	--
Fan	Number of blades and spacing	4 - 76°	5 (2 AT) 92° 30' ( " ) 65°
	Diameter	18	18 1/2 (1 AT) 45°
	Ratio—fan to crankshaft revolutions	.95 - 1	
	Bearing type	NONE	

POWER STEERING - ADDITIONAL BELT -- BELT 57" DEPENDING ON WHAT PUMP IS USED.  
" 56"

\* FAN PUMP & GEN. BELT

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## ELECTRICAL—SUPPLY SYSTEM

<b>Battery</b>	Make	DELCO REMY		
	Model	K4W		
	SAE designation	2H		
	Location	UNDER HOOD ON TRAY ATTACHED TO R.H. DASH TO FRAME BRACE FRONT OF DASH.		
	Terminal grounded	NEGATIVE		
<b>Generator</b>	Make	DELCO REMY		
	Model	1102781		
	Type	6 VOLT SHUNT WOUND		
	Ratio—Gen. to Cr/s rev.	2.17 - 1		
<b>Regulator</b>	Make	DELCO REMY		
	Model	1118725		
	Type	CURRENT & VOLTAGE CONTROL		
	Cutout relay	Closing voltage @ generator rpm	5.9 - 6.8 ADJ. 6.4	
		Reverse current to open	.0 - 4	
	Regulated	Voltage	7.0 - 7.5 ADJ. 7.4	
		Current	45 - 51 ADJ. 47	
	Min. Gen. rpm required	3500		
Voltage test conditions	Temperature	HOT - RUN GEN. 15 MIN. AT FULL ELECTRIC LOAD BEFORE TESTING.		
	Load	8-10 AMPS VARIABLE RESISTANCE METHOD		
	Other	3/4 OHM FIXED RESISTANCE METHOD		

## ELECTRICAL—STARTING SYSTEM

<b>Starting motor</b>	Make	DELCO REMY		
	Model	1107969		
	Rotation (drive end view)	CLOCKWISE		
	Engine cranking speed			
	Test conditions			
	Lock test	Amps	600 AMPS MAX.	
		Volts	3.0 VOLTS MAX.	
		Torque (lb. ft.)	14 FT. LBS. MIN.	
	No load test	Amps	80 AMPS	
		Volts	5.67	
RPM (min.)		5500		
<b>Motor control</b>	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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<b>MODEL</b>	ALL		

## ELECTRICAL—STARTING SYSTEM (cont.)

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

## ELECTRICAL—IGNITION SYSTEM

<b>Coil</b>	<b>Make</b>		DELCO REMY
	<b>Model</b>		1115380
	<b>Amps</b>	<b>Engine stopped</b>	4.5 - 5.5
<b>Engine idling</b>		2 - 3	
<b>Distributor</b>	<b>Make</b>		DELCO REMY
	<b>Model</b>		1110829
	<b>Spark advance data (at distributor shaft)</b>	<b>Centr. advance start (rpm)</b>	340 - 460
		<b>Centr. advance max. deg. @ rpm</b>	15.° - 17.° @ 1850
		<b>Vacuum advance start (in. Hg.)</b>	7" - 9" Hg
		<b>Vac. adv. (max. deg. @ in. Hg.)</b>	9.5° - 11° @ 16 1/2" Hg
	<b>Breaker gap (in.)</b>		.010 - .015
	<b>Cam angle (deg.)</b>		31° ± 1 1/2°
<b>Breaker arm tension (oz.)</b>		19 - 23 oz	
<b>Timing</b>	<b>C/S deg. @ rpm</b>		5°
	<b>Mark location</b>		CRANKSHAFT BALANCER
	<b>Cylinder numbering system (see page 2)</b>		L. - 1-3-5-7      R. 2-4-6-8
	<b>Firing order (see page 2)</b>		1-8-4-3-6-5-7-2
<b>Spark plug</b>	<b>Make and model</b>		A.C. 48 -- 5569428
	<b>Thread (mm)</b>		14
	<b>Tightening torque (lb. ft.)</b>		20-25
	<b>Gap</b>		.035
<b>Cable</b>	<b>Conductor type</b>		7MM
	<b>Insulation type</b>		NEOPRENE JACKET
	<b>Spark plug protector</b>		NEOPRENE BOOT

## ELECTRICAL—SUPPRESSION

<b>Description</b>	
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.

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**MODEL** ALL

## ELECTRICAL—INSTRUMENTS AND SWITCHES

<b>Speed-ometer</b>	Make	A.C.
	Trip odometer (yes, no)	YES
<b>Charge indicator—type</b>		TELL TALE LIGHT
<b>Temperature indicator—type</b>		ELECTRIC
<b>Oil pressure indicator—type</b>		TELL TALE LIGHT
<b>Fuel indicator—type</b>		ELECTRIC
<b>Ignition switch</b>	Identify positions in order and circuits controlled	CENTER - OFF CLOCKWISE 1ST POSITION - ALL CIRCUITS ON 2ND " - IGN. & STARTER CIRCUITS ON COUNTER CLOCKWISE 1ST POSITION - ALL ACCESSORIES
	Provision for illumination	YES
	Location	ON CONTROL PLATE RIGHT OF STEERING COLUMN
	Theft protection type	NO
<b>Main lighting switch</b>	Identify positions and lights controlled	PULL OUT - 1ST POSITION - PARKING OR FOG, INSTRUMENT, TAIL. 2ND " - FULL OUT -- INSTRUMENT, HEAD & TAIL LIGHTS. RHEOSTAT - CLOCKWISE TO INCREASE INTENSITY OF INSTRUMENT LIGHTS.
	Locations and lamps controlled	FRONT DOOR SWITCH - MAP & COURTESY LIGHTS ON PANEL. REAR " " - DOME LEFT CENTER PILLAR - " MANUAL MAP LIGHT SWITCH - LEFT MAP LIGHT ON PANEL. REAR DOOR PILLARS - 75 SERIES - DOME & COURTESY. REAR LEFT QUARTER PANEL - CONV. - BOW DOME LIGHT.
<b>Other light switches</b>	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.
<b>Windshield wiper</b>	Make	TRICO
	Type	VACUUM
	Vacuum booster provision	YES
	Washer provision	YES
<b>Horn</b>	Type	VIBRATOR
	Number used	TWO
	Amp draw (each)	LOW 21 - HIGH 19

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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	51	
Parking light & SIGNAL	2	1154	21-3 C.P. * FOG, PARKING & SIGNAL 2 - 1022 2 - 55
Tail light	"	"	21-3 C.P.
Stop light			
Direction indicator	Front	SEE UNDER PARKING LIGHT	
	Rear	" "	TAIL LAMPS
	Tell-Tale	2	51
License plate light	1	63	
Instrument light	2	55	
Ignition lock light & CIGAR LIGHTER	1	51	
Map light & COURTESY	2	64	
Dome light.	1	88	-- 75 IMP. - CHAFFEURS COMPT. 1 - 82
Clock light	2	55	
Radio dial light	1	55 *	
Glove compartment light	1	55	
Courtesy light	2	82	75 SERIES
Trunk compartment light	1	81	
Other OIL TELL TALE	1	55	-- HYD. SHIFT IND. 1 - 51
GEN. TELL TALE	1	55	-- BACK UP LIGHT 2 - 1133L
HAND BRAKE TELL TALE	1	55	-- *SPOTLITE 1 - 1323
BOW DOME LAMP	1	82	CONV. ONLY
CORNER LAMP	2	82	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	35 CB (A)
Headlamp beam indicator	"
Parking light	"
Tail light	"
Stop light	SFE - 14A
Direction indicator	SFE - 9 A
License plate light	35 CB (A)
Instrument light	"
Ignition light	"
Map light	SFE - 14A
Dome light	35 CB (A)
Clock	SFE - 14A
Clock light	35 CB (A)
Radio	SFE - 14A
Glove compartment light	SFE - 14A
Courtesy light	" "
Trunk compartment light	35 CB (A)
Other	
HEATER	SFE - 30A
BODY FEED	35 CB (A)
FOG LITES	"

HYDRAULIC WINDOW CONTROLS CB - 30A

# AMA Consolidated Specification Questionnaire

**MAKE OF CAR** CADILLAC **MODEL YEAR** 1952

**MODEL** 60 - 62 75

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

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

**DRIVE UNITS—TRANSMISSIONS**

<b>Conventional (std. or opt.)</b>	NA	STD.
<b>Conventional with overdrive (std. or opt.)</b>	NA	
<b>Automatic (std. or opt.)</b>	STD.	OPT.

**DRIVE UNITS—CONVENTIONAL TRANSMISSION**

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

75 SERIES ONLY

**MAKE OF CAR** CADILLAC **MODEL YEAR** 1952

**MODEL** ALL

### DRIVE UNITS—CONVENTIONAL TRANSMISSION (cont.)

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

### DRIVE UNITS—CONVENTIONAL TRANSMISSION WITH OVERDRIVE

For transmission data see conventional transmission section

<b>Overdrive</b>	Type (planetary or other)			
	If planetary, No. of pinions			
	Manual lockout (yes, no)			
	Downshift accelerator control (yes, no)			
	Minimum cut-in speed			
	Gear ratio			
	<b>Lubricant</b>	Capacity (O.D. only)		
		Separate filter (yes, no)		
		Type recommended		
		SAE viscosity number	Summer	
Winter				
		Ext. cold		

### DRIVE UNITS—AUTOMATIC TRANSMISSION

<b>Trade name</b>	HYDRAMATIC - DUAL RANGE
<b>Type (fluid coupling with gears, torque convertor with gears, other)</b>	FLUID COUPLING WITH GEAR.
<b>Manual selector positions, left to right (show symbols and define, e.g., N- Neutral)</b>	N - NEUTRAL DR- FIRST POSITION (1-2-3-4 SHIFT) SECOND " (1-2-3 SHIFT) LO- LOW RANGE R - REVERSE
<b>List gear ratios in each drive position (range)</b>	LOW - 3.819 SECOND - 2.634 THIRD - 1.450 FOURTH - DIRECT REVERSE - 4.304
<b>Shifting within drive position range by accelerator control and speed limiting governor (yes, no)</b>	YES
<b>By governor—forced shift (yes, no)</b>	YES
<b>Downshift of gears in high range possible up to (mph)</b>	4-3 TO 70 MPH -- 3-2 TO 25 MPH

# AMA Consolidated Specification Questionnaire

**MAKE OF CAR** CADILLAC **MODEL YEAR** 1952

**MODEL** 62 - 60 75

## DRIVE UNITS—AUTOMATIC TRANSMISSION (cont.)

<b>Torque converter</b>	Number of elements		
	Max. ratio at stall at engine rpm		
	Mechanical lockup	Provided (yes, no)	
		Speed range	
		Releases at (speed range, mph)	
Type of cooling (forced air, oil cooler and type, other)			
Anti-creep device (yes, no)			
<b>Lubricant</b>	Capacity—refill (pt.)		
	Type recommended		CADILLAC HYDRAMATIC OR AUTO. TRANS. FLUID AQ-ATF ARMOUR QUALIFIED BRAND
	Grade	Summer	..
		Winter	..
		Extreme cold	..

## DRIVE UNITS—PROPELLER SHAFT

Number used		1	2
Type (exposed, torque tube)		EXPOSED	
<b>Outer diameter x length* x wall thickness</b>	Conventional trans.	2.5 x 44.078 x .065 - SERIES 62	FRONT SHAFT 2.5 x 2.25 x 26.25 x .065 REAR SHAFT 2.5 x 2.25 x 44.938 x .065
	<del>Overline trans.</del>	2.5 x 51.172 x .065 SERIES 60	--
	Automatic trans.	SAME	SAME
<b>Intermediate bearing</b>	Type (plain, anti-friction)	--	ANTI-FRICTION
	Lubri. (fitting, prepack)	--	PRE-PACKED
<b>Universal joints</b>	Make	MECHANICS & SAGINAW	
	Number used	2	3
	Type (ball and trunion, 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.

# AMA Consolidated Specification Questionnaire

**MAKE OF CAR** CADILLAC **MODEL YEAR** 1952

**MODEL** 60 - 62 75

## DRIVE UNITS—REAR AXLE

Type (semi-floating, other)		SEMI-FLOATING		
Gear type (hypoid, other)		HYPOID		
<b>***</b> Gear ratio and No. of teeth	Conventional trans.		3.77	
	Overdrive trans.	--	--	
	Automatic trans.	3.36	3.77	
Pinion adjustment (shim, other)		NONE		
Pinion bearing adj. (shim, other)		COLLAPSABLE SPACER		
Lubricant	Capacity (pt.)	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	8.20 x 15 6 PLY
	Optional	--	--
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.)		241.5	258.5
Percent brake effectiveness—rear		44.2	
Drum	Diameter	Front	12"
		Rear	11"
Type and material		COMPOSITE RIBBED CAST IRON	

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

\*\*\* 3.07 OPT. ALL EXCEPT '75' SERIES.

# AMA Consolidated Specification Questionnaire

<b>MAKE OF CAR</b>	CADILLAC	<b>MODEL YEAR</b>	1952
<b>MODEL</b>	60 - 62		75

## BRAKES—SERVICE (cont.)

	Bonded or riveted			RIVETED		
	Primary	Material	Size (length x width x thickness)	MOLDED		
<b>Brake lining</b>			Front wheel	12.92 x 2.5 x .25	12.92 x 2.5 x .25	
	Rear wheel		10.55 x 2.5 x .25	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	12.92 x 2.5 x .25	
			Rear wheel	11.90 x 2.5 x .25	" " "	
Segments per shoe			1			
<b>Wheel cylinder bore</b>	Front		1 1/8"			
	Rear		1"			
<b>Master cylinder bore</b>			1"			
<b>Available pedal travel</b>			5 21/32"			
<b>Line pressure at 100 lb. pedal load</b>			575			
<b>Shoe clearance adjustment</b>			.007 - .010			

## BRAKES—PARKING

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

## FRAME

<b>Type and description</b>	BOX GIRDER - I-BEAM X-MEMBER
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## FRONT SUSPENSION

<b>Type and description</b>	INDEPENDENT COIL SUSPENSION
-----------------------------	-----------------------------



# AMA Consolidated Specification Questionnaire

<b>MAKE OF CAR</b>	CADILLAC	<b>MODEL YEAR</b>	1952
<b>MODEL</b>	60	62	75

## FRONT SUSPENSION (cont.)

<b>Spring</b>	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.)	335		375
	Rate at wheel (lb. per in.)			
	Normal load (lb. @ rated length)	2060 @ 10 1/16	2030 @ 10 1/16	2375 @ 10 5/16
<b>Shock absorbers</b>	Manufacturer	DELCO PRODUCTS		
	Type (direct or lever)	HYDRAULIC DIRECT ACTING		
	Piston diameter	1 3/8		
<b>Stabilizer</b>	Type (link, linkless, frameless)	LINK		
	Material	STEEL		

## STEERING

<b>Type used (Standard or optional)</b>	<b>Mechanical</b>	RECIRCULATING BALL - STD.				
	<b>Power</b>	OPT.				
<b>Wheel diameter</b>		18"				
<b>Turning diameter</b>	Wall to wall	* 27.00 46	22.5 45	25.50 51		
	Curb to curb					
<b>Outside wheel angle with inside wheel at 20°</b>	LEFT TURN	25° 25'		24° 7'		
	RIGHT TURN	24° 42'		23° 6'		
<b>Mechanical</b>	<b>Gear</b>	Type	WORM AND BALL			
		Make	SAGINAW			
		Ratios	Gear	21.3		
			Overall	25.47		
	No. wheel turns (l. to r.) (l. to r.)	4.5				
<b>Power</b>	Type	HYDRAULIC POWER				
	Make	SAGINAW				
	Trade name	CADILLAC POWER STEERING				
	<b>Gear</b>	Type	BEVEL GEAR & RACK			
		Ratios	Gear	SEE MECHANICAL		
			Overall	" "		
	Pump driven by	CRANKSHAFT				
	Overall torque ratio					
Number wheel turns (l. to r.)	SEE MECHANICAL					
<b>Linkage</b>	Type	PARALLEL DRAG LINK				
	Location (front or rear of wheels)	REAR				
	Drag link (trans. or long)	TRANVERSE				
	Tie rods (one or two)	TWO				

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

\* OUTSIDE BUMPER SWEEP

# AMA Consolidated Specification Questionnaire

<b>MAKE OF CAR</b>	CADILLAC	<b>MODEL YEAR</b>	1952
<b>MODEL</b>	60	62	75

## STEERING (cont.)

<b>Kingpin</b>	Inclination at camber (deg.)	5° 51' @ CAMBER		
	Diameter	1"		
	Bearings (type)	Upper	BRONZE	
		Lower	"	
Thrust		BALL		
<b>Wheel alignment (range and preferred)</b>	Caster (deg.)	- 1/2° - + 1/2°		
	Camber (deg.)	- 3/8° - + 3/8°		
	Toe-in (outside tread-inches)	1/32" - 3/32"		
<b>Steering knuckle type</b>		REVERSE ELLIOT		
<b>Wheel spindle</b>	Diameter	Inner bearing	2.9630	
		Outer bearing	2.25	
	Thread size		3/4 - 20 NS-3	
	Bearing type		BALL	

## REAR SUSPENSION

<b>Type</b>	LEAF				
<b>Drive and torq. taken through (see page 14)</b>	REAR SPRINGS				
<b>Spring</b>	Type	SEMI-ELLIPTIC			
	Material	9260 STEEL			
	Size (length x width x No. leaves or coil I.D.)	54.5 x 2		56.5 x 2	
	Spring rate (lb. per in.)	105 (2)	115 (1)	135	
	Rate at wheel (lb. per in.)				
	Normal load (lb. at rated length) HEIGHT	1110 @ -.84 AND CONV.	1090 @ -.84 AND COUPE	1270 @ .64	
	<b>Mounting insulation type</b>		RUBBER		
	If leaf	No. of leaves	8	10	
		Covers (yes, no)	NONE		
		Lubricated (yes, no)	NO		
		Inserts	Type and size	FULL LENGTH	
			Material	WAX LINERS	
	Shackle (comp. or tens.)		COMPRESSION LINK		
	<b>Shock absorbers</b>	Manufacturer	DELCO		
Type (direct or lever)		HYDRAULIC DIRECT ACTING			
Piston diameter		1"		1 3/8"	
<b>Stabilizer</b>	Type (link, linkless, frameless)	NONE			
	Material	"			
<b>Track bar type</b>		"			

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

MAKE OF CAR CADILLAC MODEL YEAR 1952

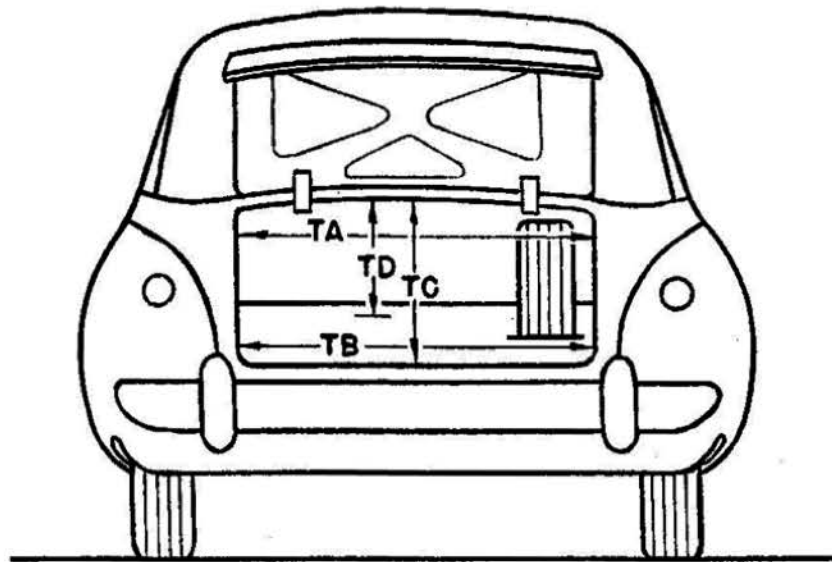
## BODY—GENERAL DEFINITIONS

**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.

<b>MODEL</b>	6237 6237D	6219	6267	6019	75
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## BODY—TRUNK OPENING DIMENSIONS



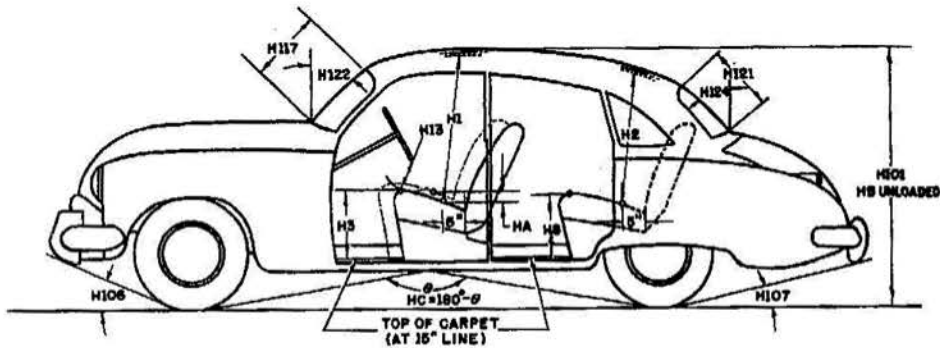
TA—Width across the top		NA	
TB—Width across the bottom		NA	
TC—Diagonal dimension at CL from top of opening to bottom	*	NA	
TD—Vertical height of opening (floor to top, inside edge of opening)		NA	
Position of spare tire storage		VERTICAL	
Method of holding lid open		COUNTER BALANCED SPRING	

\* CUBICAL SPACE TAKEN WITH STANDARD LUGGAGE

# AMA Consolidated Specification Questionnaire

MAKE OF CAR	CADILLAC	MODEL YEAR	1952		
MODEL	6237 - 37D	6219 -	6267	6019	7523

## BODY—HEIGHT DIMENSIONS



	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) (370)	35 13/16	34 15/16	35 13/16	37
	H2. Rear headroom—from "A" pt. to headlining at 8° back of vertical on 15" line.	34 5/16	35 9/16	34 5/8	35 9/16	35
Interior	H3. Front seat height to floor carpet on 15" line (front edge of cushion).	14 7/16	14.4	14 7/16	14.4	13.7
	H8. Rear seat height to floor carpet on 15" line (front edge of cushion).	12.5	12.8	12.5	12.8	12.8
	H13. Steering wheel clearance to seat cushion taken on arc.	5 1/16	5.1	5 1/16	5.1	5.9
	HA. Front seat vertical rise at "A" pt. (inches.)	.3				
	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.	20	20	20	20	21
	H107. Angle of departure—from the tire rolling radius to lowest point on rear bumper or guard.	12.5	14°	12.5	12.5	15
	HC. Ramp breakover angle.*	13° 24'			13° 02'	12° 28'
Exterior	H117. Windshield DLO—slant height.	17.2				
	H121. Backlight DLO*—Max. slant height.	13.6	14.01	11.6	14.01	12.1
	H122. Windshield slope angle to vertical line on car axis.	48.5°	48.5°	48.5°	48.5°	48.5°
	H124. Backlight slope angle to vertical line on car axis.	52°	48°	50°	48°	45°
**	HD. Min. road clearance (location and dimension).	7.25	7.25	7.25	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.

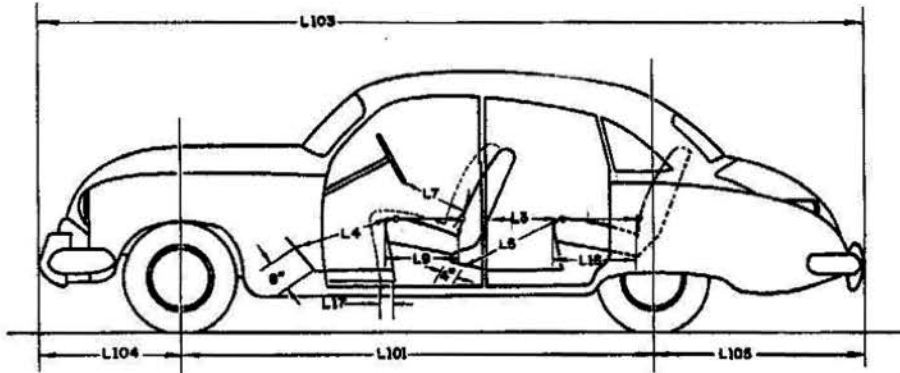
\*\* DRAIN PLUG - ENGINE

\* BENEATH REAR SHOCKS

# AMA Consolidated Specification Questionnaire

<b>MAKE OF CAR</b>	CADILLAC			<b>MODEL YEAR</b>	1952
<b>MODEL</b>	6237 6237D	6219	6267	6019	75

## BODY—LENGTH DIMENSIONS



Interior	L3. Rear compartment back of front seat back to rear seat back.	29.3	35.9	29.3	35.9	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 15/16	44.1 **
	L5. Leg room—rear—diagonal—from ball of foot to top of rear seat cushion and to seat back.	38.6	42 1/8	38.6	42 1/8	- -
	L7. Steering wheel clearance to seat back taken on arc.	14.25	14.3	14.25	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	18.6
	L16. Depth of rear seat (front edge to seat back).	19 1/16	19 3/8	19 1/16	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).	220.5	215.5	220.5	224.5	236.3
	L104. Overhang—front including bumper guards.	36.4	36.4	36.4	36.4	36.4
	L105. Overhang—rear including bumper guards.	58.1	53.1	58.1	58.1	53.1

\* 7523 IMP. STATIONARY SEAT

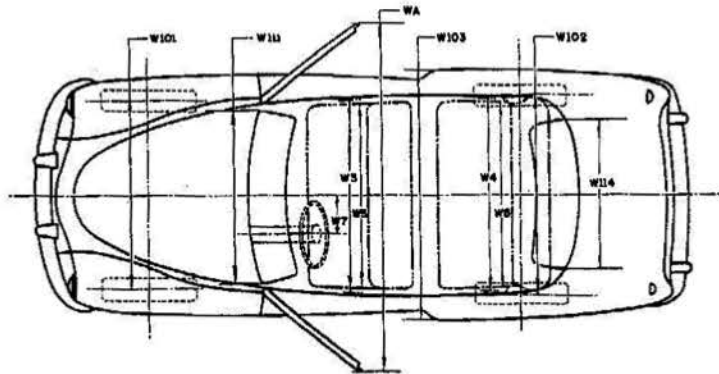
\*\* 43 15/16 IMP.

# AMA Consolidated Specification Questionnaire

**MAKE OF CAR** CADILLAC **MODEL YEAR** 1952

<b>MODEL</b>	6237 6237D	6219	6267	6019	75
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## BODY—WIDTH DIMENSIONS



	Dimension Description	6237	6219	6267	6019	75
Interior	<b>W3.</b> Front shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	56.1	58.1	56.1	58.1	58 1/8
	<b>W4.</b> Rear shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	56.3	56.5	47.5	56.5	56.1
	<b>W5.</b> Front hip room, at top of seat 5" forward of vert. tan. to seat back.	62 13/16	63 9/16	62 13/16	63.8	64
	<b>W6.</b> Rear hip room, at top of seat 5" forward of vert. tan. to seat back.	54.6	64.25	51	64.5	56.9
	<b>W7.</b> Steering wheel center to center of body.	15.5	15.5	15.5	15.5	15.5
Exterior	<b>W101.</b> Front tread at ground.	59	59	59	59	59
	<b>W102.</b> Rear tread at ground.	63	63	63	63	63
	<b>W103.</b> Max. overall width of car including bumpers or mouldings.	80.1	80.1	80.1	80.6	80.1
	<b>WA.</b> Max. overall width of car with doors open.	142.2	135.02	142.2	135.02	135.02
	<b>W111.</b> Windshield DLO, max. width.	54.1				
	<b>W114.</b> Back window DLO, max. width.	56.1	53.4	38	53.9	38

# AMA Consolidated Specification Questionnaire

<b>MAKE OF CAR</b>	CADILLAC	<b>MODEL YEAR</b>	1952
<b>MODEL</b>	6237 6237D	-6219	-6267 -6019 -75

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

## BODY—MISCELLANEOUS INFORMATION

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

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