

AUTOMOBILE MANUFACTURERS ASSOCIATION CONSOLIDATED SPECIFICATION QUESTIONNAIRE

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MAKE OF CAR:	CADILLAC	MODEL NAME	SYMBOL
COMPANY:	CADILLAC MOTOR CAR DIVISION	SEDAN	6219
	GENERAL MOTORS CORPORATION	COUPE	6237
	2860 CLARK AVENUE	COUPE DEVILLE	6237D
	DETROIT 32, MICHIGAN	COUPE CONV.	6267
MODEL YEAR:	1952	SEDAN	6019
DATE	JAN. 1, 1952	SEDAN	7523
		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
Wheelbase	126				130	146.75
Tread	Front	59				
	Rear	63				
Maximum Overall Dimensions	Length (L-103)	215.5	220.5		224.5	236.25
	Width (W-103)		80.1		80.6	80.1
	Height (H-101)	62.6875	60.9375	61.125	62.6875	64.0625
Steering ratio—overall	25.47					
Turning diameter (curb to curb)	82.5 45				23.0 46	25.5 51
Shipping weight*	NA					
Transmission— (Specify standard, optional, not avail.)	Conventional	NA				STD.
	Overdrive	NONE				
	Automatic	STD.				OPT.
Axle ratio	Conventional	3.36				3.77
	Overdrive					
	Automatic	3.36 or 3.07				3.77*
Tire size	8.00 x 15 - 4 PLY					8.20x15-6PLY
Engine	Type	90° - V				
	No. of cylinders	8				
	Valve arrangement	OVERHEAD				
	Bore and stroke	3.8125 x 3.625				
	Piston displacement, cu. in.	331				
	Standard compression ratio	7.5:1				
	Maximum bhp at engine rpm	190 @ 4000				
	Maximum torque at rpm	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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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	
	Optional	N. A.
	Sleeve—Wet, dry, other, none	NONE
Number of mounting points	Front	TWO
	Rear	ONE
Taxable horsepower	(Dia. ² x No. Cyl.)	
	2.5	46.5
Advertised max. brake horsepower at 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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MODEL ALL

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.	--
No. rings above piston pin		3
Compression	Material	CAST IRON
	Coating	LUBRITE
	Width	.0781
	Gap	.010 - .020
Oil	Maximum wall thickness	.184
	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	
	NONE	
	Bushing	Material
	In rod or piston	
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.)		23.95
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		MORAIN 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.)

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

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MODEL ALL

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

Recommended fuel	Standard head	PREMIUM
	Optional head	--
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 ROCHESTER PRODUCTS
	Model number	W.C.F.B. 896S 4-GC
	Number used	1 1
	Type	Downdraft, side inlet, other
	Single or dual	4 BARREL
	Intake manifold heat control (manual, auto., none)	AUTOMATIC
	Automatic choke type (integral, other)	INTEGRAL
	Air cleaner type	AC OIL BATH
	Standard	
	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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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
Diameter	18		18 1/2 (1 AT) 45°
Ratio—fan to crankshaft revolutions	.95 - 1		
Bearing type	NONE		

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

* FAN PUMP & GEN. BELT

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MODEL

ALL

ELECTRICAL—SUPPLY SYSTEM

Battery	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
Generator	Make		DELCO REMY
	Model		1102781
	Type		6 VOLT SHUNT WOUND
	Ratio—Gen. to Cr/s rev.		2.17 - 1
Regulator	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

Starting motor	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
Motor control	Switch (solenoid, manual)		SOLENOID
	Starting procedure		COLD START - DEPRESS ACCELERATOR ALL THE WAY AND REMOVE FOOT - TURN IGNITION KEY TO FULL RIGHT POSITION TO START. WARM START - DEPRESS ACCELERATOR PEDAL HALFWAY - HOLD UNTIL ENGINE STARTS.

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ELECTRICAL—STARTING SYSTEM (cont.)

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

ELECTRICAL—SUPPRESSION

Description	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

Speed-ometer	Make	A.C.
	Trip odometer (yes, no)	YES
Charge indicator—type		TELL TALE LIGHT
Temperature indicator—type		ELECTRIC
Oil pressure indicator—type		TELL TALE LIGHT
Fuel indicator—type		ELECTRIC
Ignition switch	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
Main light-ing 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 INCREASE INTENSITY OF INSTRUMENT LIGHTS.
Other light switches	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.
Other switches	Locations and de-vices 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 21 - HIGH 19

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MODEL ALL

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

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MODEL 60 - 62 75

* 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.)		VARIABLE
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	THRUST
	Method of lubrication	GREASE WHEN REQUIRED
	Torsional damping	Method (springs, other)
		SPRING & FRICTION DAMPING
		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	
	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

For transmission data see conventional transmission section

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

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DRIVE UNITS—AUTOMATIC TRANSMISSION (cont.)

Torque converter	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)			
Lubricant	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		
Outer diameter x length* x wall thickness	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
	Overhung trans.	2.5 x 51.172 x .065	SERIES 60	--
	Automatic trans.	SAME		SAME
Inter-mediate bearing	Type (plain, anti-friction)	--		ANTI-FRICTION
	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.		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.

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BRAKES—SERVICE (cont.)

Brake lining	Bonded or riveted			RIVETED	
	Pri- mary	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	10.55 x 2.5 x .25	12.92 x 2.5 x .25
		Segments per shoe		1	
	Second- ary	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	
	Wheel cyl- inder 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 sepa- rate 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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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.)	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
Shock absorbers	Manufacturer	DELCO PRODUCTS		
	Type (direct or lever)	HYDRAULIC DIRECT ACTING		
	Piston diameter	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	*	23.00 46	22.5 45	25.50 51
	Curb to curb				
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	Gear	Type	HYDRAULIC POWER		
		Make	SAGINAW		
		Trade name	CADILLAC POWER STEERING		
		Ratios	Type	BEVEL GEAR & RACK	
	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)		TRANVERSE			
Tie rods (one or two)		TWO			

(1) 6219, 6237, 370

(2) 6019, 6267

* OUTSIDE BUMPER SWEEP

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STEERING (cont.)

Kingpin	Inclination at camber (deg.)		5° 51' @ CAMBER
	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)		1/32" - 3/32"
Steering knuckle type			REVERSE ELLIPT
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	56.5 x 2	
	Spring rate (lb. per in.)	105 (2)	115 (1)	
	Rate at wheel (lb. per in.)	135		
	Normal load (lb. at rated length) HEIGHT	1110 @ -.84 AND CONV.	1090 @ -.84 AND COUPE	
	Mounting insulation type	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		
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	"			

(2) 6219, 6237, 37 D

(1) 6019, 6267

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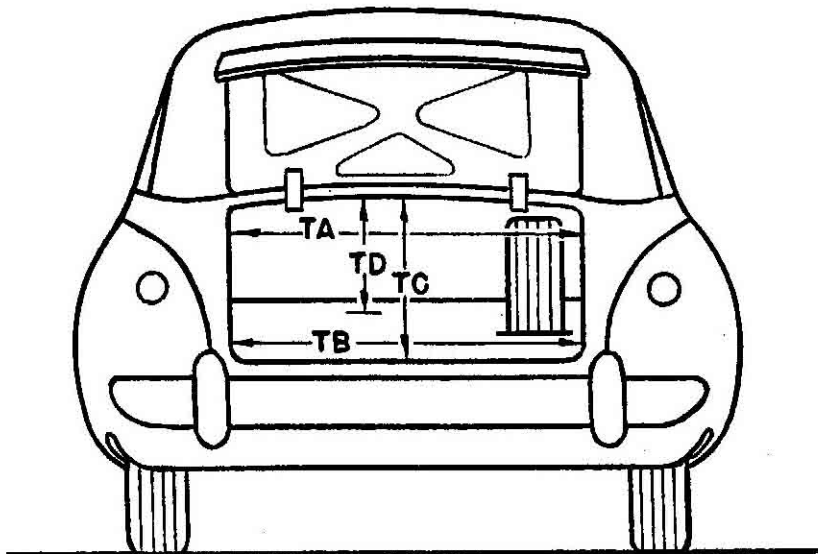
BODY—GENERAL DEFINITIONS

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	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

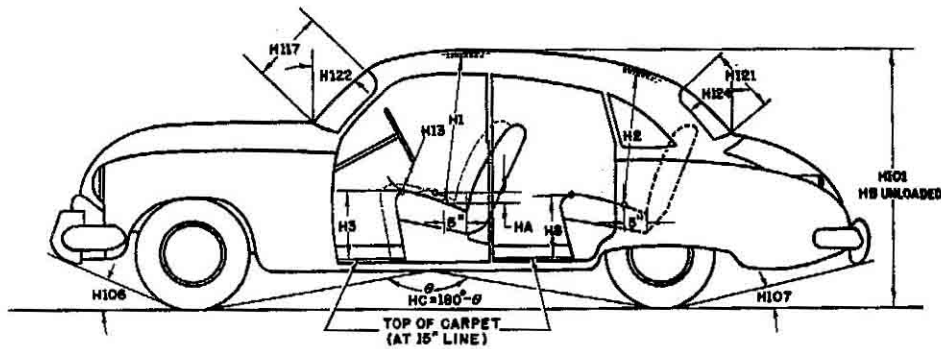
* CUBICAL SPACE TAKEN WITH STANDARD LUGGAGE

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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) (37D)	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
	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				
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.	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'
	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

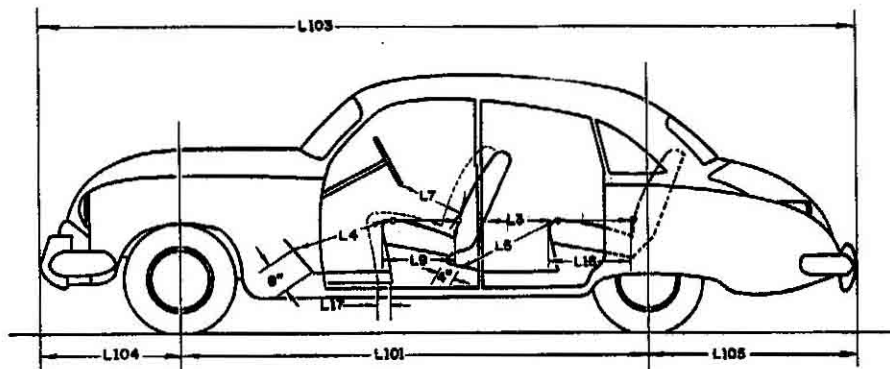
* BENEATH REAR SHOCKS

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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.

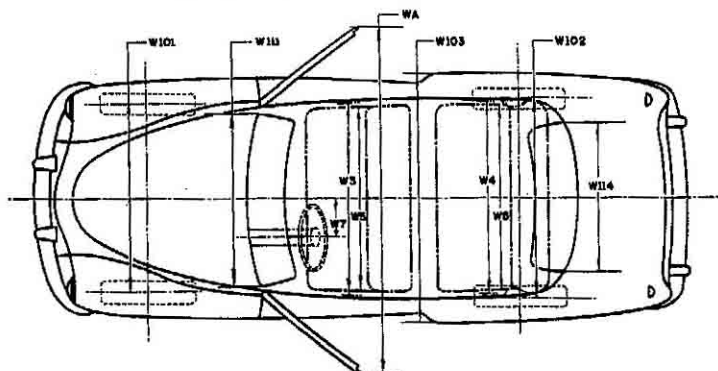
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MAKE OF CAR CADILLAC MODEL YEAR 1952

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BODY—WIDTH DIMENSIONS



Interior	W3. 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
	W4. 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
	W5. 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
	W6. Rear hip room, at top of seat 5" forward of vert. tan. to seat back.	54.6	64.25	51	64.5	56.9
	W7. Steering wheel center to center of body.	15.5	15.5	15.5	15.5	15.5
Exterior	W101. Front tread at ground.	59	59	59	59	59
	W102. Rear tread at ground.	63	63	63	63	63
	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	53.9	38

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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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