

AUTOMOBILE MANUFACTURERS ASSOCIATION CONSOLIDATED SPECIFICATION QUESTIONNAIRE

Page

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
MODEL YEAR: 1952	DATE 1-22 52	SEDAN
		SEDAN
		SEDAN IMPERIAL
		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)		220.5		224.5	236.25
	Width (W-103)		80.1			
	Height (H-101)		62.6875	60.9375	61.125	62.6875
Steering ratio—overall			25.47			
Turning diameter (curb to curb)			45		46	51
Shipping weight*			NA			
Transmission— (Specify standard, optional, not avail.)	Conventional		STD.			
	Overdrive		NONE			
	Automatic		STD.			
Axle ratio	Conventional		3.77			
	Overdrive		3.36 or 3.07			
	Automatic		3.77*			
Tire size	8.00 x 15 - 4 PLY					8.20x15-6P1
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

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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	Standard	CAST IRON	
		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		91 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

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
	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.)		23.95
Length (center to center)		6.625
Bearing	Material	MORAINE 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	MORAINÉ DUREX	
	Type (cast-in or removable)	REMOVABLE	
	Clearance	.0008 - .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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ENGINE—VALVE SYSTEM (cont.)

Thing	Intake	Opens (°BTC)	WITHOUT RAMP	14
		Closes (°ABC)		58
	Exhaust	Opens (°BDC)		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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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-CC	
	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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ENGINE-COOLING SYSTEM

Type (pressure system, atmospheric, other)		PRESSURE	
Radiator cap relief valve pres.		12-15 LBS.	
Circulation thermostat	Type (shock, 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	
Water	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) 98° 80"
	Diameter	18	18 1/8 (4 AT) 85"
	Ratio-fan to crankshaft revolutions	.95 - 1	
	Bearing type	NONE	

POWER STEERING - ADDITIONAL BELT -- BELT 57"

* FAN PUMP & GEN. BELT

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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	<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		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 1/2° - 11° @ 16 1/2" Hg
	Breaker gap (in.)		.010 - .015
	Cam angle (deg.)		31° ± 1 1/2°
	Breaker arm tension (oz.)		19 - 23 oz
	C/S deg. @ rpm		5°
Mark location		CRANKSHAFT BALANCER	
Timing	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. 48 -- 5569428
	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	
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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ELECTRICAL—INSTRUMENTS AND SWITCHES

Speedometer	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 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 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.
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 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	115 ⁴	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., SFB-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 SFB-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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*** 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	Type	THRUST
		Method of lubrication	GREASE WHEN REQUIRED
	Torsional damping	Method (springs, other)	SPRING & FRICTION DAMPING
Fric. mat.		RAYBESTOS MANHATTAN SPIRAL WOUND	

DRIVE UNITS—TRANSMISSIONS

Conventional (std. or opt.)	NA	STD.
Conventional with overdrive (std. or opt.)	NA	STD.
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
		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 converter 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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MODEL 62 - 60 75

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	
	GM	2.5 x 51.172 x .065 SERIES 60	--	
	Automatic trans.	SAME	SAME	
Inter-mediate bearing	Type (plain, anti-friction)	--	ANTI-FRICTION	
	Lubri. (fitting, prepack)	--	PRE-PACKED	
Universal joint	Make		MECHANICS & SAGINAW	
	Number used		2 3	
	Type (bell 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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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		
Gear ratio and No. of teeth	Conventional trans.		3.77	
	Overdrive trans.	--	--	
	Automatic trans.	3.36 OR 3.07	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	12"	12"
		11"	12"
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	

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MAKE OF CAR CADILLAC **MODEL YEAR** 1952

MODEL 60 - 62 75

BRAKES—SERVICE (cont.)

	Bonded or riveted			RIVETED		
	Primary	Material	Size (length x width x thickness)	Front wheel	Rear wheel	
Brake lining				12.92 x 2.5 x .25		12.92 x 2.5 x .25
			10.55 x 2.5 x .25		12.92 x 2.5 x .25	
		Segments per shoe	1			
	Secondary			MOLDED		
				12.92 x 2.5 x .25		12.92 x 2.5 x .25
				11.90 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** 1952

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	46	45	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	Type	HYDRAULIC POWER				
	Make	SAGINAW				
	Trade name	CADILLAC POWER STEERING				
	Gear	Type	BEVEL GEAR & BACK			
		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)	TRANVERSE				
	Tie rods (one or two)	TWO				

(1) 62'9, 6237, 370
(2) 60'9, 6267

* OUTSIDE BUMPER SWEEP

AMA Consolidated Specification Questionnaire

MAKE OF CAR CADILLAC **MODEL YEAR** 1952

MODEL 60 62 75

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 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 end 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)	135	
	Rate at wheel (lb. per in.)					
	Normal load (lb. at rated length) HEIGHT		1110 ● -.84 AND CONV.	1090 ● -.84 AND COUPE	1270 ● .64	
	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

AMA Consolidated Specification Questionnaire

MAKE OF CAR CADILLAC **MODEL YEAR** 1952

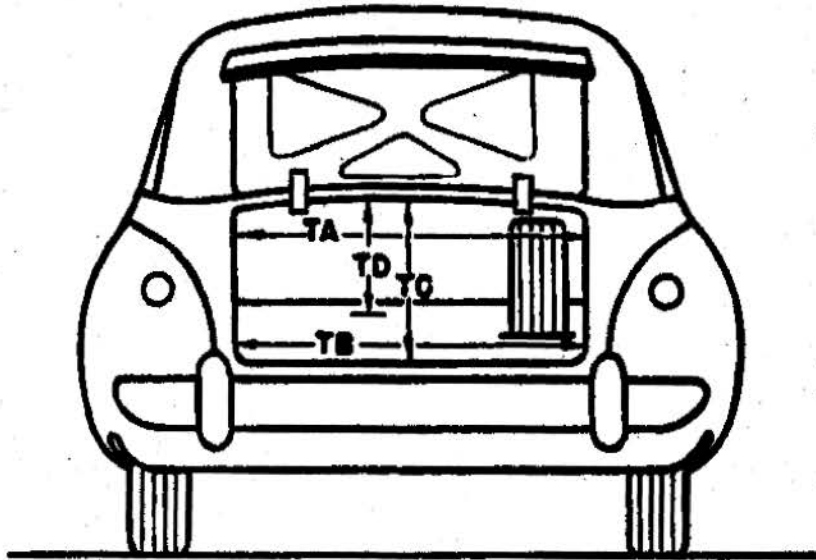
BODY—GENERAL DEFINITIONS

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.

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



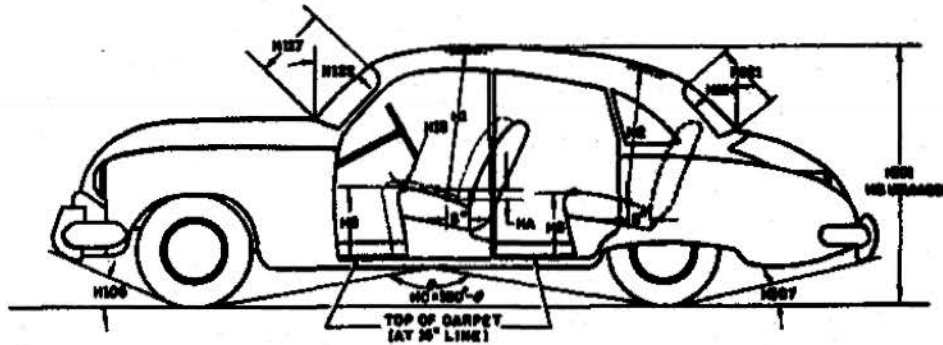
TA—Width across the top	NA
TB—Width across the bottom	NA
TC—Diagonal dimension at CL from top of opening to bottom	*
TD—Vertical height of opening (floor to top, inside edge of opening)	NA
Position of spare tire stowage	VERTICAL
Method of holding lid open	COUNTER BALANCED SPRING

* CUBICAL SPACE TAKEN WITH STANDARD LUGGAGE

AMA Consolidated Specification Questionnaire

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

BODY—HEIGHT DIMENSIONS



Interior	N1. 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
	N2. 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
	N3. 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
	N8. Rear seat height to floor carpet on 15" line (front edge of cushion).	12.5	12.8	12.5	12.8	12.8
	N13. Steering wheel clearance to seat cushion taken on arc.	5 1/16	5.1	5 1/16	5.1	5.9
	NA. Front seat vertical rise at "A" pt. (inches.)	.3				
Exterior	N101. Overall height.	60.9	62.7	61.1	62.7	64.01
	NB. Overall height—unloaded.					
	N106. Angle of approach—from the tire rolling radius to lowest point on front bumper or guard.	20	20	20	20	21
	N107. Angle of departure—from the tire rolling radius to lowest point on rear bumper or guard.	12.5	14°	12.5	12.5	15
	NC. Ramp breakover angle.*	13° 24'			13° 02'	12° 28'
	N117. Windshield DLO-slant height.	17.2				
	N121. Backlight DLO*—Max. slant height.	13.6	14.01	11.6	14.01	12.1
	N122. Windshield slope angle to vertical line on car axle.	48.5°	48.5°	48.5°	48.5°	48.5°
	N124. Backlight slope angle to vertical line on car axle.	52°	48°	50°	48°	45°
	** MD. Min. road clearance (location and dimension).	7.25	7.25	7.25	7.25	* 6.75
	ME. Min. road clearance at rear axle.	8.2	8.2	8.2	8.2	8.4

*See Notes, page 19.

** DRAIN PLUG - ENGINE

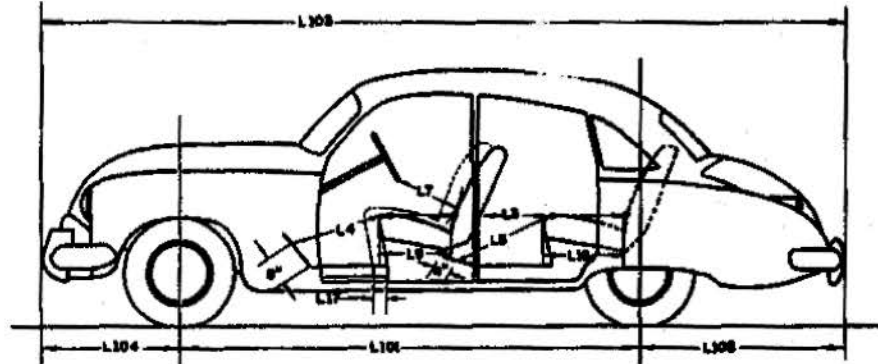
* BENEATH REAR SHOCKS

AMA Consolidated Specification Questionnaire

MAKE OF CAR CADILLAC **MODEL YEAR** 1952

MODEL	6237 6237D	6219	6267	6019	75
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BODY—LENGTH DIMENSIONS



Interior	L13. Rear compartment back of front seat back to rear seat back.	29.3	35.9	29.3	35.9	52.3
	L14. 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 **
	L15. 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	- -
	L17. Steering wheel clearance to seat back taken on arc.	14.25	14.3	14.25	14.3	14.5
	L19. 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

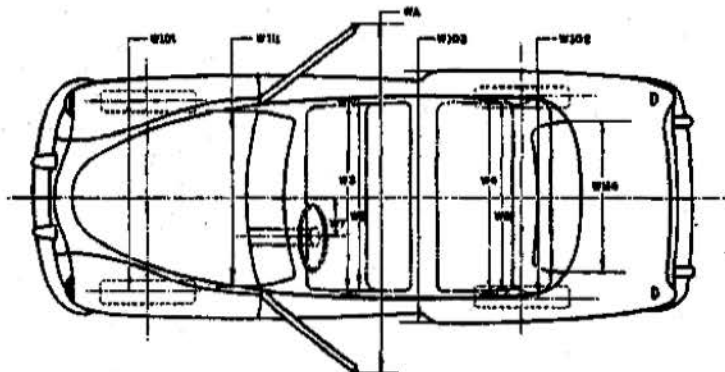
** 43 15/16 IMP.

AMA Consolidated Specification Questionnaire

MAKE OF CAR CADILLAC MODEL YEAR 1952

	6237 6237D	6219	6267	6019	75
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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

AMA Consolidated Specification Questionnaire

MAKE OF CAR CADILLAC **MODEL YEAR** 1952

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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