AUTOMOBILE MANUFACTURERS ASSOCIATION
CONSOLIDATED SPECIFICATION QUESTIONNAIRE

MAKE OF CAR:	LINCOLN	**MODEL NAME**	**SYMBOL**
COMPANY:	FORD MOTOR COMPANY LINCOLN-MERCURY DIVISION	CUSTOM SPECIAL CUSTOM	73A 73B
MODEL YEAR:	1955	**DATE** DECEMBER 6, 1954	

REVISED: JANUARY 20, 1955

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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		CUSTOM	SPECIAL CUSTOM (1)
Wheelbase		123.0	
Tread	Front	58.5	
	Rear	60.0	
Maximum Overall Dimensions	Length (L-103)	215.6	
	Width (W-103)	77.6	
	Height (H-101)	62.7	
Steering ratio—overall		26.1 TO 1	
Turning diameter (curb to curb)		45.7	
Shipping weight*		4028	4032
Transmission— (Specify standard, optional, not avail.)	Conventional	NONE	
	Overdrive	NONE	
	Automatic	STANDARD	
Axle ratio	Conventional	---	
	Overdrive	---	
	Automatic	3.07 STD. 3.31 ON AIR CONDITION	
Tire size		8.00 X 15	
Engine	Type	V	
	No. of cylinders	8	
	Valve arrangement	OVERHEAD	
	Bore and stroke	3.94 X 3.50	
	Piston displacement, cu. in.	341	
	Standard compression ratio	8.5 TO 1	
	Maximum bhp at engine rpm	225 @ 4400	
	Maximum torque at rpm	342 @ 2500	

*Standard car weight, not including gas and water.

(1) CAPRI LINE

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MODEL	CUSTOM AND SPECIAL CUSTOM

ENGINE—GENERAL

Type	V, In-line, other		V
	Angle of V		90°
No. of cylinders			8
Valve arrangement			OVERHEAD
Bore and stroke			3.9375 - 3.9399 X 3.50
Piston displacement, cu. in.			341
Numbering system (front to rear)	L. Bank		5-6-7-8
	R. Bank		1-2-3-4
Firing order			1-5-4-8-6-3-7-2
Compression ratio	Standard Head		8.5 TO 1
	Optional Head		- - -
Cylinders	Head Material	Standard	CAST IRON
		Optional	- - -
	Sleeve—Wet, dry, other, none		NONE
Number of mounting points		Front	2
		Rear	1
Taxable horsepower	(Dia.² x No. Cyl.) / 2.5		49.6
Advertised max. brake horsepower at engine RPM*	Standard head		225 @ 4400 RPM
	Optional head		- - -
	With fuel (Octane and method)	Standard Head	92 RESEARCH
		Optional Head	- - -
Max. torque (lb. ft. @ RPM)	Standard head		342 LB. FT. @ 2500 RPM
	Optional head		- - -
Recommended idle speed (neutral)			425-450 RPM (DRIVE POSITION)

ENGINE—PISTONS

Material			ALUMINUM ALLOY
Description and finish			AUTOTHERMIC, SLIPPER SKIRT, ELLIPTICAL, FLAT HEAD, TIN-PLATED
Weight (piston only) oz.			8 GRADES - 22.86 - 23.00
Clearance	Top land		.0245 - .0309
	Skirt	Top	- - -
		Bottom	.0007 - .0013 (1 1/2" ABOVE BOTTOM)
Ring groove depth	No. 1 ring		.2182 - .2254
	No. 2 ring		.2182 - .2254
	No. 3 ring		.2112 - .2174
	No. 4 ring		NONE

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

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ENGINE—RINGS

Type (top to bottom)	No. 1 oil or comp.	COMPRESSION
	No. 2 oil or comp.	COMPRESSION
	No. 3 oil or comp.	OIL CONTROL
	No. 4 oil or comp.	NONE
No. rings above piston pin		3
Compression	Material	CAST IRON
	Coating	UPPER - CHROME-PLATED LOWER - PHOSPHATE-COATED
	Width	.0775 - .0780
	Gap	.010 - .020
	Maximum wall thickness	.197
Oil	Material	CAST IRON
	Coating	NONE
	Width	.1860 - .1865
	Gap	.010 - .020
	Maximum wall thickness	.155
Location of expanders		UNDER OIL RING

ENGINE—PISTON PINS

Material			ALLOY STEEL, HEAT-TREATED
Length			3.162 - 3.176
Diameter			.9120 - .9123
Type	Locked in rod, in piston, floating, etc.		FULL-FLOATING
	Bushing	In rod or piston	IN ROD
		Material	BRONZE
Clearance	In piston		.0001 - .0003 (SELECTIVE FIT)
	In rod		.0002 - .0004 (SELECTIVE FIT)
Direction offset in piston			RIGHT

ENGINE—CONNECTING RODS

Material		FORGED STEEL
Weight (oz.)		28.22 - 28.50 (LESS BRG.)
Length (center to center)		7.064 - 7.066
Bearing	Material	STEEL-BACKED COPPER-LEAD
	Type (cast-in or removable)	REPLACEABLE INSERTS
	Effective length	.789
	Clearance	.0003 - .0021 (SELECTIVE FIT)
	End play	.006 - .014 (TWO RODS)

ENGINE—CRANKSHAFT

Material	PRECISION-MOLDED ALLOY IRON
Weight (lb.)	62.00

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ENGINE—CRANKSHAFT (cont.)

Vibration damper type			RUBBER-FLOATED
End thrust taken by bearing (No.)			3
Crankshaft end play			.004 - .008
Main bearing	Material		STEEL-BACKED BABBITT
	Type (cast-in or removable)		REPLACEABLE INSERTS
	Clearance		.0008 - .0026 (SELECTIVE FIT)
	Journal dia. and bearing effective length	No. 1	2.6235 - 2.6243 X .730
		No. 2	2.6235 - 2.6243 X .730
		No. 3	2.6235 - 2.6243 X .654
		No. 4	2.6235 - 2.6243 X .730
		No. 5	2.6235 - 2.6243 X 1.455
		No. 6	- - -
		No. 7	- - -
	Direction offset from cyl. bore		NONE
Connecting rod crankpin journal diameter			2.2482 - 2.2490

ENGINE—CAMSHAFT

Material			CAST SPECIAL ALLOY IRON
Bearings	Material		STEEL-BACKED BABBITT
	Number		5
Type of drive	Gear or chain		CHAIN
	Crankshaft gear or sprocket material		STEEL, HEAT-TREATED
	Camshaft gear or sprocket material		CAST IRON
	Timing chain	Make	- - -
		No. of links	50
		Width	1.25 (NOMINAL)
		Pitch	.500

ENGINE—VALVE SYSTEM

Hydraulic lifters (yes, no)		YES
Special provision for valve rotation (intake, exhaust)		YES - INTAKE AND EXHAUST
Rocker ratio		1.50 TO 1
Operating tappet clearance (indicate hot or cold)	Intake	ZERO
	Exhaust	ZERO
Tappet clearance for timing	Intake	END OF RAMP USED FOR TIMING
	Exhaust	END OF RAMP USED FOR TIMING
Timing marks on fly-wheel, damper, other		VIBRATION DAMPER

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ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	8
		Closes (°ABC)	56
	Exhaust	Opens (°BBC)	52
		Closes (°ATC)	12
Intake	Material		CHROME STEEL
	Overall length		5.27
	Actual overall head dia.		2.000 - 2.010
	Angle of seat		45°30' - 45°45'
	Seat insert material		NONE
	Stem diameter		.3415 - .3425
	Stem to guide clearance		.001 - .002 (SELECTIVE FIT)
	Lift		.384
	Outer spring press. and length	Valve closed (lb. @ in.)	67 - 74 @ 1.80
		Valve open (lb. @ in.)	165 - 183 @ 1.42
	Inner spring press. and length	Valve closed (lb. @ in.)	NONE
		Valve open (lb. @ in.)	NONE
Exhaust	Material		CAST AUSTENITIC STEEL
	Overall length		5.25
	Actual overall head dia.		1.505 - 1.515
	Angle of seat		45°30' - 45°45'
	Seat insert material		NONE
	Stem diameter		.3405 - .3415
	Stem to guide clearance		.002 - .003 (SELECTIVE FIT)
	Lift		.384
	Outer spring press. and length	Valve closed (lb. @ in.)	67 - 74 @ 1.80
		Valve open (lb. @ in.)	165 - 183 @ 1.42
	Inner spring press. and length	Valve closed (lb. @ in.)	NONE
		Valve open (lb. @ in.)	NONE

ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	PRESSURE
	Connecting rods	PRESSURE
	Piston pins	OIL MIST
	Camshaft bearings	PRESSURE
	Tappets	PRESSURE
	Timing gear or chain	DIRECTED DRAINBACK
	Cylinder walls	PRESSURE STREAM

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ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	GEAR
Normal oil pressure (lb. @ rpm)	45 - 50 @ 2000
Oil pressure gage type (electric or mechanical)	ELECTRIC
Type oil intake (floating, stationary)	STATIONARY
Oil filter type (full flow, partial flow)	FULL-FLOW (REPLACEABLE CARTRIDGE)
Capacity of crankcase, less filter—refill (qt.)	5
Oil grade recommended (SAE viscosity and temperature range)	IF ANTICIPATED TEMPERATURE WILL BE: NOT LOWER THAN +32°F - SAE 20 OR 20W NOT LOWER THAN -10°F - SAE 10 OR 10W LOWER THAN -10°F - SAE 5W
Oil type recommended	HEAVY-DUTY (HIGH DETERGENCY)

ENGINE—FUEL SYSTEM

Recommended fuel	Standard head		PREMIUM
	Optional head		- - -
Fuel Tank	Capacity (gals.)		20
	Filler Location		BACK PANEL CONCEALED BY LICENSE BRACKET
Fuel Filter	Type		LAMINATED FIBER
	Location		FUEL PUMP SEDIMENT BOWL
Fuel pump	Type (elec. or mech.)		MECHANICAL
	Location		LOWER LEFT FRONT OF ENGINE
	Pressure range		3.5 - 4.5 PSI
	Vacuum booster (std., optl., none)		STANDARD
Carburetor	Make		- - -
	Model number		- - -
	Number used		1
	Type	Downdraft, side inlet, other	DOWNDRAFT
		Single or dual	4-BARREL
	Intake manifold heat control (manual, auto., none)		AUTOMATIC
	Automatic choke type (integral, other)		INTEGRAL
	Air cleaner type	Standard	OIL BATH
		Optional	- - -

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)		DUAL
Muffler type (rev. flow, str. thru, sep.resonator)		REV. FLOW MUFFLERS & RESONATORS
Exhaust pipe dia.	Branch	NONE
	Main	1.75
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. ABOVE ATMOSPHERIC
Circulation thermostat	Type (choke, bypass)		CHOKE - PELLET-OPERATED
	Starts to open at		158 - 163°F STD. (168 - 173°F OPT.)
Water pump	Type (centrifugal, other)		CENTRIFUGAL
	Number of pumps		ONE
	Drive (V-belt, other)		DUAL V-BELT
	Bearing type		DOUBLE ROW, SEALED BALL, PRE-LUBRICATED
By-pass recirculation type (internal, external)			EXTERNAL
Radiator core type (cellular, tube and fin)			CELULAR-TUBULAR
Cooling system capacity	With heater (qt.)		25.2 QTS. (SEE NOTE A)
	Without heater (qt.)		23 QTS. (SEE NOTE A)
Water jackets full length of cylinder (yes, no)			YES
Water all around cylinder (yes, no)			YES
Radiator hose	Lower	Number and type (molded, straight)	ONE MOLDED "L"
		Inside diameter and length	2.0 X 11.73 (DEVELOPED)
	Upper	Number and type (molded, straight)	ONE MOLDED "L"
		Inside diameter and length	1.75 X 10.60 (DEVELOPED)
	By-pass	Number and type (molded, straight)	ONE MOLDED
		Inside diameter and length	.88 X 1.40 (DEVELOPED)
Drive belts	Fan	Number used	DUAL (SEE NOTE B)
		Angle of V	38°
		Outside length	46.24
		Width	.50
	Generator	Angle of V	SAME AS FAN
		Outside length	- - -
		Width	- - -
Fan	Number of blades and spacing		5 - UNEVEN (SEE NOTE C)
	Diameter		18.25 (SEE NOTE C)
	Ratio—fan to crankshaft revolutions		.90 TO 1 (SEE NOTE C)
	Bearing type		SEE WATER PUMP BEARING

A: RECOMMENDED OPERATING CAPACITY IS ONE QT. LESS

B: POWERING STEERING (OPT.) HYDRAULIC PUMP DRIVE BELT:
ANGLE OF V - 38°
LENGTH - 38.50
WIDTH - .50

C: FOR AIR CONDITIONING CARS
6 BLADES UNEVENLY SPACED, 18.25 DIA., 1.08 TO 1 RATIO

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ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model		AUTO-LITE
	Voltage Rtg. & Plates/cell		6 - 21
	SAE Designation & Amp Hr. Rtg		110
	Location		UNDER TOE BOARD, RIGHT HAND SIDE
	Terminal grounded		POSITIVE
Generator	Make		FORD
	Model		FBB-10000-H
	Type		SHUNT
	Ratio—Gen. to Cr/s rev.		2 TO 1
Regulator	Make		FORD
	Model		FAJ-10505-A
	Type		3-COIL
	Cutout relay	Closing voltage @ generator rpm	6.0 - 6.6
		Reverse current to open	0 - 8 AMPS.
	Regulated	Voltage	7.4 - 7.8
		Current	48 TO 52 AMPS.
	Min. Gen. rpm required		1850
	Voltage test conditions	Temperature	70 TO 80°F. AMBIENT TEMP.
		Load	10 AMPS
		Other	---

ELECTRICAL—STARTING SYSTEM

Starting motor	Make		FORD
	Model		FAC-11001-H
	Rotation (drive end view)		CLOCKWISE
	Engine cranking speed		115-125
	Test conditions		70°F. AMBIENT - SAE 30 OIL
	Lock test	Amps	700 MAXIMUM
		Volts	3.5
		Torque (lb. ft.)	14.0 MINIMUM
	No load test	Amps	70 MAXIMUM
		Volts	6
		RPM (min.)	5000-6000
Motor control	Switch (solenoid, manual)		SOLENOID
	Starting procedure		PLACE TRANSMISSION SELECTOR LEVER IN THE NEUTRAL POSITION, TURN IGNITION KEY TO RIGHT AND PUSH STARTER.

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ELECTRICAL—STARTING SYSTEM (cont.)

Motor drive	Engagement type		BENDIX FOLO-THRU
	Pinion meshes (front, rear)		FROM REAR
	Number of teeth	Pinion	9
		Flywheel	152
	Flywheel tooth face width		3/8"

ELECTRICAL—IGNITION SYSTEM

Coil	Make		FORD
	Model		8BA-12029
	Amps	Engine stopped	5
		Engine idling	3
Distributor	Make		HOLLEY
	Model		FDL-12127-B
	Spark advance data (at distributor shaft)	Centr. advance start (rpm)	NONE
		Centr. advance max. deg. @ rpm	NONE
		Vacuum advance start (in. Hg.)	5° @ 300 @ .2" HG.
		Vac. adv. (max. deg. @ in. Hg.)	25° @ 2000 @ 2.35" HG.
	Breaker gap (in.)		.014 - .016
	Cam angle (deg.)		26° - 28.5°
	Breaker arm tension (oz.)		17 - 20
Timing	C/S deg. @ rpm		5° BTC
	Mark location		CRANKSHAFT VIBRATION DAMPER
	Cylinder numbering system (see page 2)		L.BANK 5-6-7-8 R.BANK 1-2-3-4
	Firing order (see page 2)		1-5-4-8-6-3-7-2
Spark plug	Make and model		CHAMPION 870
	Thread (mm)		18
	Tightening torque (lb. ft.)		20-30 LB. FT. PROD. INSTAL.; 15-20 LB. FT. SERV. INSTAL.
	Gap		.032 - .036
Cable	Conductor type		STRANDED COPPER
	Insulation type		NEOPRENE SHEATH
	Spark plug protector		NEOPRENE CAP

ELECTRICAL—SUPPRESSION

Description	

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ELECTRICAL—INSTRUMENTS AND SWITCHES

Speedometer	Make	KING-SEELEY
	Trip odometer (yes, no)	YES
Charge indicator—type		AMMETER
Temperature indicator—type		ELECTRIC
Oil pressure indicator—type		ELECTRIC
Fuel indicator—type		ELECTRIC
Ignition switch	Identify positions in order and circuits controlled	TO LEFT - ACCESSORIES ON CENTER - ACCESSORIES AND ENGINE OFF TO RIGHT - ACCESSORIES AND ENGINE ON
	Provision for illumination	LIGHTED WITH INST. PANEL LIGHTS ON
	Location	LOWER RIGHT CENTER OF INST. PANEL
	Theft protection type	
Main lighting switch	Identify positions and lights controlled	PULL OUT- 1ST POSITION: PARKING, TAIL, LICENSE & INST. PANEL LIGHTS. 2ND POSITION: HEAD, TAIL, LICENSE AND INSTR. PANEL LIGHTS ROTATE KNOB TO RIGHT TO DIM INSTRUMENT PANEL LIGHTS.
Other light switches	Locations and lamps controlled	SEE PAGE 10A
Other switches	Locations and devices controlled	SEE PAGE 10A
Windshield wiper	Make	TRICO
	Type	VACUUM
	Vacuum booster provision	ON FUEL PUMP
	Washer provision	OPTIONAL
Horn	Type	AIR ELECTRIC
	Number used	TWO
	Amp draw (each)	16

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ELECTRICAL-INSTRUMENTS AND SWITCHES - (CONTINUED)

OTHER LIGHT SWITCHES	LOCATIONS AND LAMPS CONTROLLED	PARKING BRAKE WARNING - ON PARKING BRAKE SHAFT
		TOGGLE UNDER INSTR. PANEL - MAP LAMP
		MODEL 73-FRT. DOOR SWITCHES, REAR DOOR SWITCHES OR SLIDE SWITCH ON PILLAR OPERATE FRT. COURTESY & DOME OR ROOF RAIL LAMPS.
		MODEL 60-FRT. DOOR SWITCHES OR SLIDE SWITCHES ON REAR QUARTER PANEL OPERATE FRT. COURTESY & DOME OR ROOF RAIL LAMPS.
		MODEL 76-FRT. DOOR SWITCHES OPERATE FRT. COURTESY LAMPS, SLIDE SWITCH ON REAR QUARTER OPERATES QUARTER LAMPS.
		GLOVE BOX DOOR SWITCH - GLOVE BOX LAMP. TOE BOARD SWITCH - HEADLIGHT DIMMER
OTHER SWITCHES	LOCATION AND DEVISES CONTROLLED	BRAKE MASTER CYLINDER SWITCH - STOPLIGHTS.
		SWITCH UNDER STEERING WHEEL HUB - TURN SIGNAL.
		STARTER BUTTON - L.H. LOWER INSTR. PANEL
		BACK-UP LAMP SWITCH, ON STEERING COLUMN) COMBINATION IN AUTO. TRANS. NEUTRAL SW. ON STRG. COLUMN) PASS. CAR COMPARTMENT.
		WINDOW REG. SWITCHES ON DOOR & QUARTER PANELS.
		SEAT REG. SWITCHES ON LEFT HAND SIDE OF FRONT SEAT.
		CONV. TOP CONTROL SWITCH-LOWER L.H. INSTRUMENT PANEL.
		HEATER BLOWER SWITCHES & DEFROSTER BLOWER SWITCH UNDER INSTRUMENT PANEL AT HEATER AND AIR CONTROLS.
		SWITCH UNDER STEERING WHEEL HUB-HORN RING

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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		2-4030
Headlamp beam indicator		1-51
Parking light		2-1154
Tail light		2-1154
Stop light		SEE TAIL LIGHT
Direction indicator	Front	SEE PARKING LIGHT
	Rear	SEE TAIL LIGHT
	Tell-Tale	2-51
License plate light		1-63
Instrument light		10-55
Ignition lock light & HEATER CONTROLS		LIGHTED BY INSTRUMENT LIGHTS
Map light		1-63
Dome light OR ROOF RAIL LIGHTS		1-209 CUSTOM OR 2-63 SPECIAL CUSTOM
Clock light		LIGHTED BY INSTRUMENT LIGHTS
Radio dial light		1-55
Glove compartment light		1-55
Courtesy light		2-63
Trunk compartment light		1-63
Other BRAKE WARNING LIGHT		1-55
BACK UP LIGHTS		2-1129*
ROAD LAMPS		2-4015*(CLEAR) OR 2-4015-A*(AMBER)
SPOT LAMPS		1-4515* OR 1-4535*
TRANS. INDICATOR		1-51

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		20 C.B. (a)
Headlamp beam indicator		20 C.B. (a)
Parking light		20 C.B. (b)
Tail light		20 C.B. (b)
Stop light		20 C.B. (b)
Direction indicator		SFE-9
License plate light		20 C.B. (b)
Instrument light		20 C.B. (b)
Ignition light		20 C.B. (b)
Map light		SFE-9 (c)
Dome light		SFE-9 (c)
Clock/CIGAR LIGHTER	AGC 30 IN FEED LINE & THERMO FUSE (SULPHUR DISC) ON BACK OF LIGHTER	
Clock light		20 C.B. (b)
Radio		SFE-14*
Glove compartment light		SFE-9 (c)
Courtesy light		SFE-9 (c)
Trunk compartment light		20 C.B. (b)
Other HEATER		SFE-20*
DEFROSTER		SFE-20*
CONV. TOP		40 C.B.
SPOT LIGHT		SFE-14*

*ACCESSORIES

(CONTINUED ON PAGE 11A)

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ELECTRICAL-FUSES AND CIRCUIT BREAKER DATA (CONTINUED)

ELECTRIC WINDOW	40 C.B. IN FEED LINE TO MOTORS* 20 C.B. (4) 1 FOR EACH WINDOW* 30 C.B. IN FEED LINE TO SWITCHES*
ELECTRIC SEAT	40 C.B. IN FEED LINE TO MOTORS* 30 C.B. IN FEED LINE TO SWITCH* 20 C.B. AT MOTOR*
AIR COND. BLOWER	30 C.B.*

* ACCESSORIES

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MODEL

DRIVE UNITS—CLUTCH (PEDAL OPERATED)

Make			NONE
Type (dry or wet plate)			---
In combination with fluid coupling (yes, no)			---
Semi-centrifugal (yes, no)			---
Type pressure plate springs			---
Total plate pressure (lb.)			---
No. of clutch driven discs			---
Clutch facing	Material		---
	Inside diameter		---
	Outside diameter		---
	Total eff. area (sq. in.)		---
	Thickness		---
	Number required		---
	Engagement cushioning method		---
	Release bearing	Type	---
		Method of lubrication	---
	Torsional damping	Method (springs, other)	---
		Frict. mat.	---

DRIVE UNITS—TRANSMISSIONS

Conventional (std. or opt.)	---
Conventional with overdrive (std. or opt.)	---
Automatic (std. or opt.)	STANDARD

DRIVE UNITS—CONVENTIONAL TRANSMISSION

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

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DRIVE UNITS—CONVENTIONAL TRANSMISSION (cont.)

Lubricant	Capacity (pt.)		NONE
	Type recommended		- - -
	SAE viscosity number	Summer	- - -
		Winter	- - -
		Extreme cold	- - -

DRIVE UNITS—CONVENTIONAL TRANSMISSION WITH OVERDRIVE

For transmission data see conventional transmission section

Overdrive	Type (planetary or other)			NONE
	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	TURBO DRIVE
Type (fluid coupling with gears, torque convertor with gears, other)	TORQUE CONVERTER WITH PLANETARY GEARS
Manual selector positions, left to right (show symbols and define, e.g., N- Neutral)	P PARK R REVERSE N NEUTRAL DR DRIVE LO LOW
List gear ratios in each drive position (range)	DRIVE 1.47 OR 1.00 TO 1 PLUS TORQUE CONVERTER * LOW 2.40 TO 1 PLUS TORQUE CONVERTER REVERSE 2.00 TO 1 PLUS TORQUE CONVERTER *2.40 TO 1 AT FULL THROTTLE THRU DETENT - PLUS TORQUE CONVERTER
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)	71

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DRIVE UNITS—AUTOMATIC TRANSMISSION (cont.)

Torque convertor	Number of elements		3
	Max. ratio at stall at engine rpm		2.1 @ 1525-1725
	Mechanical lockup	Provided (yes, no)	NO
		Speed range	---
		Releases at (speed range, mph)	---
	Type of cooling (forced air, oil cooler and type, other)		AIR
	Anti-creep device (yes, no)		NO
Lubricant	Capacity—refill (pt.)		20
	Type recommended		AUTOMATIC TRANSMISSION FLUID
	Grade	Summer	TYPE A
		Winter	TYPE A
		Extreme cold	TYPE A

DRIVE UNITS—PROPELLER SHAFT

Number used			ONE
Type (exposed, torque tube)			EXPOSED
Outer diameter x length* x wall thickness	Conventional trans.		NONE
	Overdrive trans.		NONE
	Automatic trans.		2.75 X 52.16 X .065
Intermediate bearing	Type (plain, anti-friction)		NONE
	Lubri. (fitting, prepack)		- - -
Universal joints	Make		SPICER
	Number used		TWO
	Type (ball and trunnion, cross, other)		CROSS - SLIP JOINT IN FRONT AND FLANGED U-BOLT IN REAR
	Bearing	Type (plain, anti-friction)	NEEDLE ROLLER
		Lubric. (fitting, prepack)	PRESSURE FITTING
Drive taken through (torque tube or arms, spring)			REAR SPRINGS
Torque taken through (torque tube or arms, springs)			REAR SPRINGS

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

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DRIVE UNITS—REAR AXLE

Type (semi-floating, other)			SEMI-FLOATING
Gear type (hypoid, other)			HYPOID
Gear ratio and No. of teeth	Conventional trans.		NONE
	Overdrive trans.		NONE
	Automatic trans.		3.07 STANDARD 3.31 OPTIONAL & MAND. AIR COND.
Pinion adjustment (shim, other)			SHIMS
Pinion bearing adj. (shim, other)			SHIMS
Lubricant	Capacity (pt.)		4
	Type recommended		M2C16
	SAE viscosity number	Summer	90
		Winter	90
		Extreme cold	80

DRIVE UNITS—WHEELS

Type (disc, other)			DISC
Rim (size and flange type)			15X6L
Attachment	Type (bolt or stud)		STUD
	Circle diameter		5 1/2
	Number and size		5 R.H. 1/2" - 20 X 1 5/16"

DRIVE UNITS—TIRES

Size and ply rating	Standard		SQUEAL RESISTANT 8.00 X 15 - 4 PLY TUBELESS TIRES
	Optional		SQUEAL RESISTANT 8.00 X 15 - 6 PLY TUBELESS TIRES
Rev/mile at 30 mph			714
Inflation press. (cold)	Front *		26
	Rear *		22

BRAKES—SERVICE

Type			HYDRAULIC-INTERNAL EXPANDING, DUO-SERVO, SINGLE ANCHOR
Booster type			LOW PEDAL POWER BRAKE OPTIONAL
Effective area (sq. in.)			207.54
Percent brake effectiveness—rear			41
Drum	Diameter	Front	12"
		Rear	12"
	Type and material		COMPOSITE-PRESSED STEEL DISC & CAST IRON DRUM

* CONV. AND AIR CONDITIONED EQUIPPED CARS, 8.20 X 15 TIRES
FRONT PRESSURE 24
REAR PRESSURE 22
WHITE SIDE WALLS OPTIONAL ALL TIRE SIZES

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BRAKES—SERVICE (cont.)

Brake lining	Bonded or riveted			RIVETED
	Primary	Material		MOLDED ASBESTOS
		Size (length x width x thickness)	Front wheel	10.12 X 2.50 X .212
			Rear wheel	10.12 X 2.00 X .212
		Segments per shoe		ONE
	Secondary	Material		MOLDED ASBESTOS
		Size (length width x thickness)	Front wheel	12.94 X 2.50 X .212
			Rear wheel	12.94 X 2.00 X .212
		Segments per shoe		ONE
Wheel cylinder bore	Front			1-1/8
	Rear			15/16
Master cylinder bore				1.00
Available pedal travel				6.50
Line pressure at 100 lb. pedal load				650 PSI
Shoe clearance adjustment				.010

BRAKES—PARKING

Type of control		T-PULL HANDLE - TWIST RELEASE
Location of control		UNDER DASH-L.H. SIDE
Operates on		REAR BRAKES
If separate from service brakes	Type (internal or external)	- - -
	Drum diameter	- - -
	Lining size (length x width x thickness)	- - -

FRAME

Type and description	X-MEMBER TYPE WITH 4 CROSS MEMBERS 5 ON CONV. & H.T.

FRONT SUSPENSION

Type and description	INDEPENDENT COIL SPRING SYSTEM INCORPORATING TWO TRANSVERSE CONTROL ARMS WITH RUBBER TYPE INNER BEARINGS AND BALL JOINT OUTER BEARINGS. WHEEL SPINDLE ATTACHES DIRECTLY TO BALL JOINTS.

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MODEL		CUSTOM AND SPECIAL CUSTOM

FRONT SUSPENSION (cont.)

	Type	COIL
	Material	SAE 9260 OR 5160
Spring	Size (length x width x No. leaves or coil I.D.)	15.62 X 4.25
	Spring rate (lb. per in.)	400
	Rate at wheel (lb. per in.)	119
	Normal load (lb. @ rated length)	2450 @ 9.25
Shock absorbers	Manufacturer	HOUDE
	Type (direct or lever)	DIRECT
	Piston diameter	1.50
Stabilizer	Type (link, linkless, frameless)	LINK
	Material	SAE 1045 OR 1090

STEERING

Type used (Standard or optional)		Mechanical		STD.
		Power		OPTIONAL
Wheel diameter				18"
Turning diameter	Outside front	Wall to wall (r. & l.)		48.36 FEET
		Curb to curb (r. & l.)		45.72 FEET
	Inside rear	Wall to wall (r. & l.)		29.03 FEET
		Curb to curb (r. & l.)		- - -
Inside wheel angle with outside wheel at 20°				23°33'
Mechanical	Gear	Type		WORM AND TRIPLE TOOTH ROLLER
		Make		GEMMER
		Ratios	Gear	20.4 TO 1
			Overall	26.1 TO 1
	No. wheel turns			4.26 STOP TO STOP (FRONT WHEELS)
Power	Type			INTEGRAL
	Make			SAGINAW
	Trade name			NONE
	Gear	Type		RECIRCULATING BALL NUT
		Ratios	Gear	19.8 TO 1
			Overall	21.3 TO 1
	Pump driven by (1)			BELT FROM CRANKSHAFT
	Overall torque ratio			VARIABLE
	Number wheel turns			3.41 STOP TO STOP (FRONT WHEELS)
Linkage	Type			PARRALLELOGRAM
	Location (front or rear of wheels)			REAR OF WHEELS
	Drag link (trans. or long)			TRANSVERSE
	Tie rods (one or two)			TWO

(1) SEE PAGE #7

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MODEL CUSTOM AND SPECIAL CUSTOM

STEERING (cont.)

Kingpin	Inclination at camber (deg.)		7°10' @ +45'
	Diameter		NO KINGPIN
	Bearings (type)	Upper	UPPER BALL JOINT
		Lower	LOWER BALL JOINT
		Thrust	BALL THRUST BUILT INTO LOWER BALL JOINT
Wheel alignment (range and preferred)	Caster (deg.)		0° TO -1½° NOT TO VARY MORE THAN ½° FROM ONE SIDE TO THE OTHER
	Camber (deg.)		0° TO + 3/4° NOT TO VARY MORE THAN ¼° FROM ONE SIDE TO THE OTHER
	Toe-in (outside tread-inches)		3/32 TO 5/32
Steering knuckle type			BALL-SOCKET JOINTS
Wheel spindle	Diameter	Inner bearing	1.3115 - 1.3120
		Outer bearing	.8115 - .8120
	Thread size		3/4" - 16
	Bearing type		TAPERED ROLLER

REAR SUSPENSION

Type				LONGITUDINAL LEAF
Drive and torq. taken through (see page 14)				SPRINGS
Spring	Type			SEMI-ELLIPTIC LEAF
	Material			SAE 5147 OR 5160 OR 4068
	Size (length x width x No. leaves or coil I.D.)			54.75 X 2 X 8
	Spring rate (lb. per in.)			105
	Rate at wheel (lb. per in.)			110
	Normal load (lb. at rated length)			980
	Mounting insulation type			RUBBER BUSHING
	If leaf	No. of leaves		8
		Covers (yes, no)		NO
		Lubricated (yes, no)		NO
		Inserts	Type and size	FULL LENGTH-BETWEEN 5 TOP LEAVES
			Material	IMPREGNATED PAPER
		Shackle (comp. or tens.)		TENSION
Shock absorbers	Manufacturer			HOUDE
	Type (direct or lever)			DIRECT
	Piston diameter			1.50
Stabilizer	Type (link, linkless, frameless)			NONE
	Material			---
Track bar type				NONE

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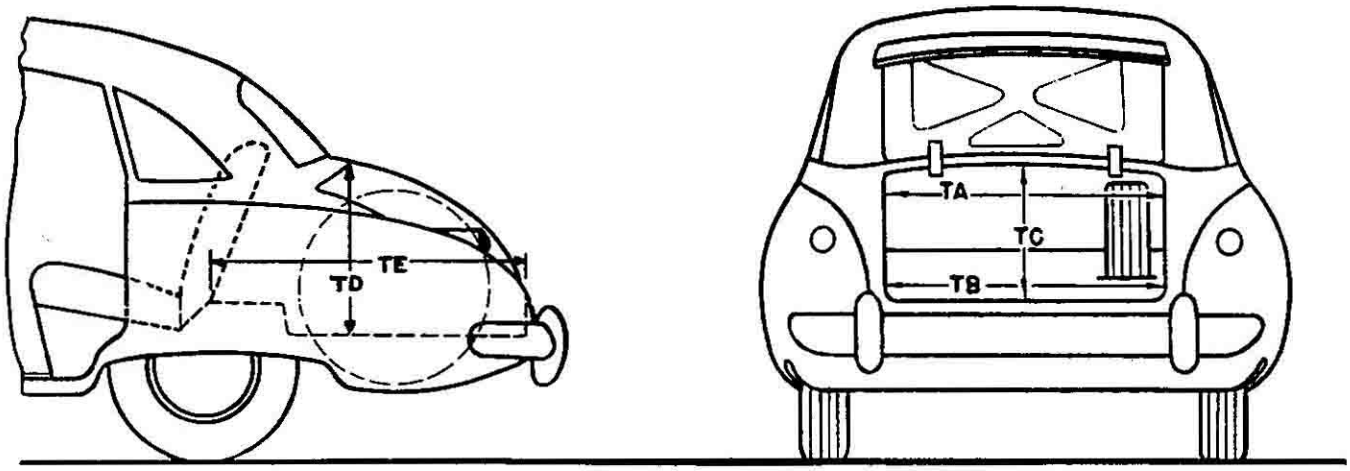
BODY—GENERAL DEFINITIONS

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-A) is the supplement of the included ramp angle (180° minus the included ramp angle) over which a car can pass without hanging up.

MODEL	CUSTOM AND SPECIAL CUSTOM

BODY—TRUNK OPENING DIMENSIONS



TA—Width across the top	50.6
TB—Width across the bottom	46.0
TC—Diagonal dimension at CL from top of opening to bottom	34.2
TD—Vertical height of opening (floor to top, inside edge of opening)	22.3
TE-Max. horizontal depth (forward from vertical projection of inside edge of opening)	53.9
Position of spare tire stowage	RIGHT HAND SIDE ON ANGLE
Method of holding lid open	SPRING COUNTER BALANCE

WIDTH BETWEEN WHEEL HOUSING - 44.0
WIDTH LUGGAGE COMPARTMENT (MAX.) - 71.8
HEIGHT OF REAR SILL ABOVE FLOOR - 9.8 TO NORMAL SURFACE OF FLOOR

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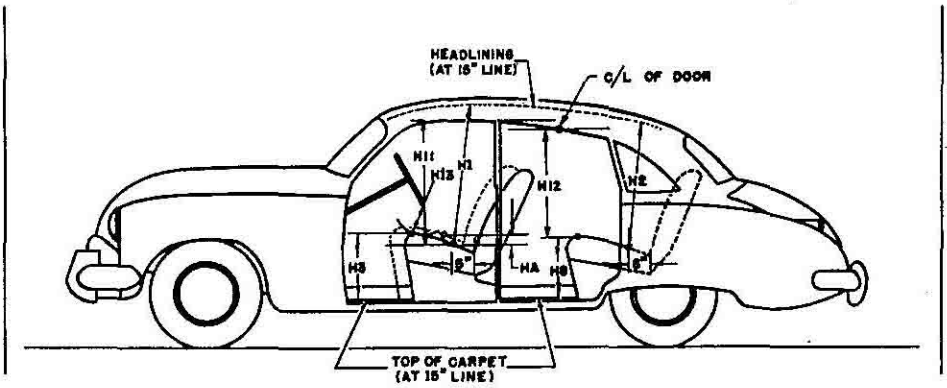
MODEL CUSTOM AND SPECIAL CUSTOM

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)	35.5
H2. Rear headroom—from "A" pt. to headlining at 8° back of vertical on 15" line.	34.7
H3. Front seat height to floor carpet on 15" line (front edge of cushion).	13.5
H8. Rear seat height to floor carpet on 15" line (front edge of cushion).	12.3
H11. Entrance—front—cushion "A" point to bottom windcord vertical.	29.4
H12. Entrance—rear—top of cushion to bottom windcord vertical at C/L of rear door.	28.0
H13. Steering wheel clearance to seat cushion taken on arc.	4.9
HA. Front seat vertical rise at "A" pt. (inches.)	.5

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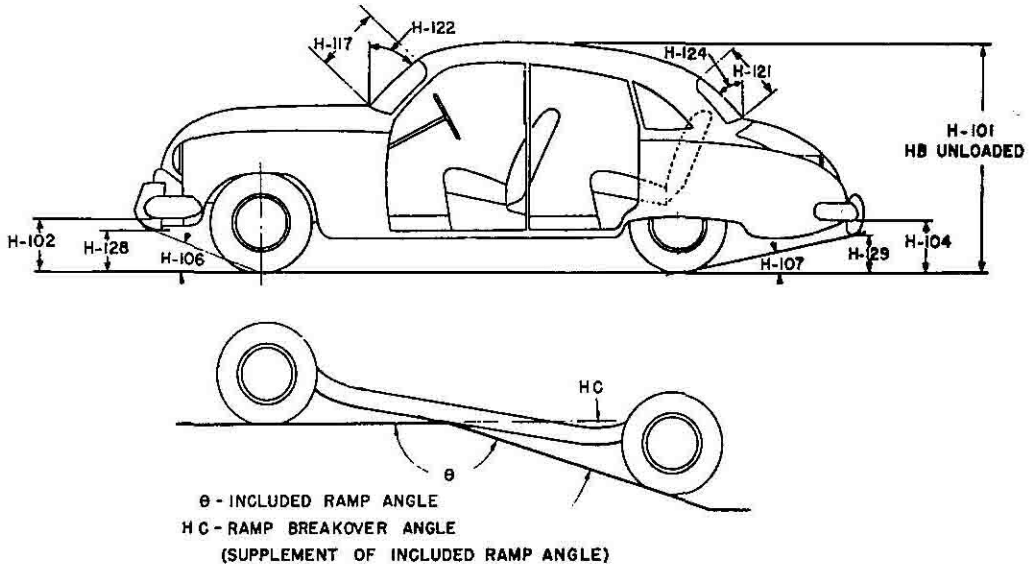
MODEL CUSTOM AND SPECIAL CUSTOM

BODY—HEIGHT DIMENSIONS—EXTERIOR



H101. Overall height.	62.7 LOADED
HB. Overall height—unloaded.	64.2 CURB WEIGHT
H102. Front bumper bottom to ground at normal section.	11.8
H104. Rear bumper bottom to ground at normal section.	11.8
H106. Angle of approach—from the tire rolling radius to lowest point on front bumper or guard.	20°
H107. Angle of departure—from the tire rolling radius to lowest point on TAILPIPE	11°30'
HC. Ramp breakover angle.*	13°54'
H117. Windshield DLO-slant height.	16.9
H121. Backlight DLO*—Max., slant height.	14.7
H122. Windshield slope angle to vertical line on car axis.	44°10'
H124. Backlight slope angle to vertical line on car axis.	43°
H128. Ground to bottom of front bumper guard.	11.8
H129. Ground to bottom of rear bumper guard.	11.8
HD. Min. road clearance (location and dimension).	7.4 #2 FRAME CROSS MEMBER
HE. Min. road clearance at rear axle.	8.2

*See Notes, page 19.

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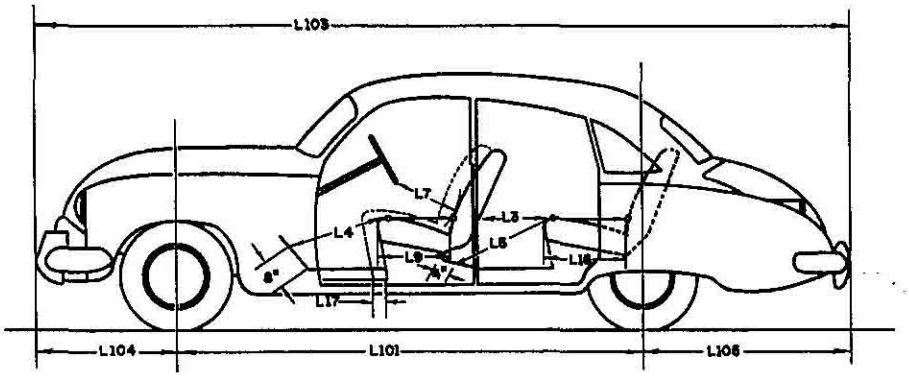
BODY—LENGTH DIMENSIONS



Interior	**L3.** Rear compartment back of front seat back to rear seat back.	32.0
	L4. Leg room—front—diagonal—ball of foot to top of seat to front seat back—15" line.	44.3
	L5. Leg room—rear—diagonal—from ball of foot to top of rear seat cushion and to seat back.	42.8
	L7. Steering wheel clearance to seat back taken on arc.	14.3
	L9. Front seat depth (front edge to vert. tan. to seat back on 15" line).	18.5
	L16. Depth of rear seat (front edge to seat back).	18.8
	L17. Total adjustment of front seat at floor.	4.1
Exterior	**L101.** Wheel base.	123.0
	L103. Overall length (bumper to bumper inc. guards).	215.6
	L104. Overhang—front including bumper guards.	37.5
	L105. Overhang—rear including bumper guards.	55.1

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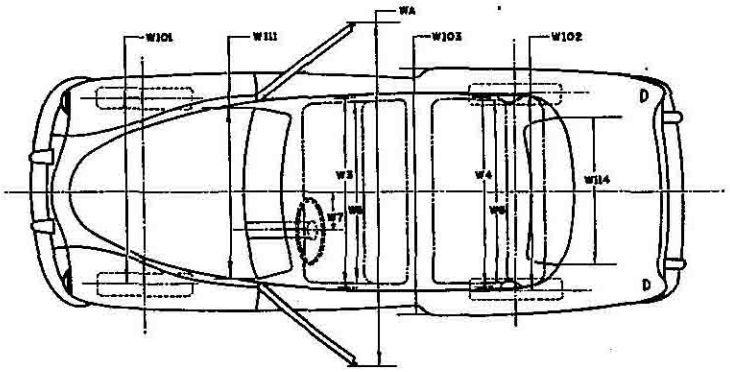
BODY—WIDTH DIMENSIONS



Interior	**W3.** Front shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	57.5
	W4. Rear shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	57.2
	W5. Front hip room, at top of seat 5" forward of vert. tan. to seat back.	62.3
	W6. Rear hip room, at top of seat 5" forward of vert. tan. to seat back.	62.1
	W7. Steering wheel center to center of body.	15.5
Exterior	**W101.** Front tread at ground.	58.5
	W102. Rear tread at ground.	60.0
	W103. Max. overall width of car including bumpers [redacted]	77.4
	WA. Max. overall width of car with doors open.	149.0
	W111. Windshield DLO, max. width.	56.0
	W114. Back window DLO, max. width.	58.8

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MODEL CUSTOM AND SPECIAL CUSTOM

BODY—MISCELLANEOUS INFORMATION

Doors hinged (front, rear)	Front	FRONT
	Rear	FRONT
Type of finish (lacquer, enamel)		LACQUER OR ENAMEL
Hood opening (front, side; semi-full, full, half)		FRONT-FULL
Hood counterbalanced (yes, no)		YES
Hood release control (internal, external)		EXTERNAL
Vent window control method (crank, friction, pivot).		CRANK
Windshield (one piece, two piece; curved, flat)		ONE-PIECE CURVED
Rear window type (one piece, two piece, three piece; curved, flat)		ONE-PIECE CURVED
Windshield glass area		991.2
Backlight glass area		993.4
Total glass area		3306.7

BODY—TYPES AND STYLE NAMES

Body type, number of passengers, and style names (use letter code shown below followed by passenger capacity and style name e.g., N-6 Ranchwagon)	CUSTOM	SPECIAL CUSTOM
	73A - G-6	73B - G-6
	60C - J-6	60A - J-6
		76A - L-6

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

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