

## AMA Specifications – Passenger Car

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MAKE OF CAR **CHRYSLER** MODEL YEAR **1960** DATE ISSUED **11-18-59** REVISED

COMPANY

MODEL NAME

**300F**

SYMBOL

PCB-H

MODEL NAME

**300F**

SYMBOL

DEC 17 1959

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## NOTES:

1. The Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. UNLESS OTHERWISE INDICATED:
  - a. Specifications apply to the standard model without optional equipment. Significant deviations are noted.
  - b. Specifications apply basically to 4-door sedan or equivalent.
  - c. Nominal design dimensions are used throughout these specifications.

## GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL	Additional Information Page No.:	300F
Wheelbase (L-101)	23	126.0
Tread	Front (W-101)	61.2
	Rear (W-102)	60.0
Maximum Overall Dimensions	Length (L-103)	219.6
	Width (W-103)	79.4
	Height (H-101)	2-Dr. Hardtop - 55.1; Convertible - 55.5
Transmission— (Specify trade name - opt., not available)	Manual	Pont-a-Mousson - Optional
	Overdrive	Not Available
	Automatic	TorqueFlite - Std.
Axle ratio	Manual	Std.: 3.31; Opt.: 2.93, 3.15, 3.23, 3.54, 3.73
	Overdrive	---
	Automatic	Std.: 3.31; Opt.: 2.93, 3.15, 3.23, 3.54, 3.73
Tire size	16	9.00 x 14
Engine	Type, no. cyl., valve arr.	OHV, V-8
	Fuel system (Carb. or inj.)	Two, 4-bbl carburetors
	Bore and stroke	4.18 x 3.75
	Piston displ., cu. in.	413.0
	Std. compression ratio	10.1:1
	Max. bhp at engine rpm	Std.: 375 at 5000; Opt.: 400 at 5200
	Max. torque at rpm	Std.: 495 at 2800; Opt.: 465 at 3600

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## ENGINE—GENERAL

Type, no. cyls., valve arr.		90° V-8, In-Line, OHV
Bore and stroke		4.18 x 3.75
Piston displacement, cu. in.		413.0
Bore spacing (C/L to C/L)		4.8
No. 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
Compres. ratio (nominal)	Standard	10.1
	Optional	---
Cylinder Head Material	Standard	Cast Iron
	Optional	Cast Iron
Cylinder Sleeve -Wet, dry, none		None
Number of mounting points	Front	Two
	Rear	One
Engine Installation angle		Vertical Plane - 3.5° (a)
Taxable horsepower <small>Dia.<sup>2</sup> x No. Cyl. 2.5</small>		55.9
Published max. bhp at engine RPM*	Standard	375 at 5000
	Optional	400 at 5200
Published max. torque* (lb. ft. @ RPM)	Standard	495 at 2800
	Optional	465 at 3600
Recommended fuel regular - premium	Standard	Top Premium
	Optional	---
Recommended idle speed (neutral)		700 - 800

## ENGINE—PISTONS

Material	Aluminum Alloy
Description and finish	Slipper-Type, Thermally-Controlled by Steel Struts, Elliptically Turned, Tin-Plated
Weight (piston only) oz.	27.5

\* Max. bhp (brake horsepower) and max. torque corrected as defined by SAE Engine Test Code.

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(a) Horizontal Plane - 1.0° Right, Looking from Rear.

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## POWER TEAMS

(Indicate whether standard or optional)

SERIES	ENGINE				TRANSMISSION	AXLE RATIO (Std. first)
	Displacement	Carburetor	Compression Ratio	BPH		
PC3-H-300						
300F (Standard)	413	Two 4-bbl	10.1:1	375	TorqueFlite 3-Speed Automatic	Std.: 3.31
300F (Optional)				400	Pont-a-Mousson 4-Speed Manual	Opt.: 2.93, 3.15, 3.23, 3.54, 3.73

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## ENGINE PISTONS (Cont.)

Clearance (limits)	Top land		.042 - .048
	Skirt	Top	.0005 - .0015
		Bottom	---
Ring groove depth	No. 1 ring		.22
	No. 2 ring		.22
	No. 3 ring		.21
	No. 4 ring		None

## ENGINE—RINGS

Function (top to bottom)	No. 1, oil or comp.		Comp.
	No. 2, oil or comp.		Comp.
	No. 3, oil or comp.		Oil
	No. 4, oil or comp.		None
Compression	Description - material, type, coating, etc.		Cast Iron; Standard Taper and Twist, Tin-Plated
	Width		.078
	Gap		.013 - .025
Oil	Description - material, type, coating, etc.		Cast Iron, Single Piece
	Width		.186
	Gap		.013 - .025
Expanders			Std: On Oil Ring Only, Tension Hump-Type; Opt.: None

## ENGINE—PISTON PINS

Material			High Manganese Steel
Length			3.565
Diameter			1.094
Type	Locked in rod, in piston, floating, etc.		Press-Fit in Rod
	Bushing	In rod or piston	None
		Material	None
Clearance	In piston		.00045 - .00075
	In rod		.0007 - .0012 (Interference)
Direction & amount offset in piston			.09 Right

## ENGINE—CONNECTING RODS

Material			Drop-Forged Steel
Weight (oz.)			29.8
Length (center to center)			6.77
Bearing	Material & Type		Lead-Base Babbitt on Steel; Removable, Precision Type
	Overall length		.927
	Clearance (limits)		.0005 - .0025
	End play		.009 - .017 (2-Rods)

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## ENGINE—CRANKSHAFT

Material		Drop-Forged Steel		
Vibration damper type		Non-Adhesion Rubber Dynamic		
End thrust taken by bearing (No.)		#3 Center		
Crankshaft end play		.002 - .007		
Main bearing	Material & type		Lead-Base Babbitt on Steel; Removable, Precision Type (a)	
	Clearance		.0005 - .0025	
	Journal dia. and bearing overall length	No. 1	2.75 x .94	
		No. 2	2.75 x .94	
		No. 3	2.75 x 1.22	
		No. 4	2.75 x .94	
		No. 5	2.75 x .94	
		No. 6	None	
No. 7		None		
Dir. & amt. cyl. offset		None		
Crankpin journal diameter		2.375		

## ENGINE—CAMSHAFT

Location		Center of "V" Above Crankshaft	
Material		Hardenable Cast Iron, with Cams and Drive Gear for Distributor and Oil Pump Cast Integrally	
Bearings	Material	Lead-Base Babbitt on Steel	
	Number	5	
Gear or chain		Chain	
Crankshaft gear or sprocket material		High Manganese Steel	
Type of Drive	Camshaft gear or sprocket material		Cast Iron
	Timing chain	No. of links	50
		Width	.88
		Pitch	.50

## ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		Standard; Mechanical Lifters Optional	
Valve rotator, type (intake, exhaust)		Low-Friction Lock on Exhaust	
Rocker ratio		1.5:1	
Operating tappet clearance (indicate hot or cold)	Intake	Std: Hydraulic; Opt: .016 (cold)	
	Exhaust	Std: Hydraulic; Opt: .028 (cold)	
Timing marks on flywheel, damper, other		Stationary Indicator on Chain Case Cover	

(a) #3 Tin-Base Babbitt on Steel

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## ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	Standard: 20	Optional: 25
		Closes (°ABC)	" 68	" 79
		Duration - deg.	" 268	" 284
	Exhaust	Opens (°BBC)	" 60	" 74
		Closes (°ATC)	" 28	" 30
		Duration - deg.	" 268	" 284
Valve opening overlap		" 48	" 55	
Intake	Material		Silicon-Chromium Steel	
	Overall length		4.868	
	Actual overall head dia.		2.08	
	Angle of seat & face		45°	
	Seat insert material		None	
	Stem diameter		.3725	
	Stem to guide clearance		.002-.004	
	Lift		Std: .430; Opt.: .449 (with zero lash)	
	Outer spring press. and length	Valve closed (lb. @ in.)	100 @ 1.86	
		Valve open (lb. @ in.)	205 @ 1.43	
	Inner spring press. and length	Valve closed (lb. @ in.)	None (Damper only)	
		Valve open (lb. @ in.)	"	" "
Exhaust	Material		21-4N	
	Overall length		4.888	
	Actual overall head dia.		Std: 1.60 Opt: 1.74	
	Angle of seat & face		45°	
	Seat insert material		None	
	Stem diameter		.3715	
	Stem to guide clearance		.002-.004	
	Lift		Std: .430 Opt.: .454 (with zero lash)	
	Outer spring press. and length	Valve closed (lb. @ in.)	100 @ 1.86	
		Valve open (lb. @ in.)	205 @ 1.43	
	Inner spring press. and length	Valve closed (lb. @ in.)	None (Damper only)	
		Valve open (lb. @ in.)	"	" "

## ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Metered Jet Spray
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Jet
	Cylinder walls	Metered Jet Spray

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## ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Rotary
Normal oil pressure (lb. @ engine rpm)	45 - 65 @ 2000
Oil pressure sending unit (elect. or mech.)	Electrical
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, partial, other)	Full Flow
Filter replacement (element, complete)	Complete
Capacity of crankcase, less filter-refill (qt.)	5
Oil grade recommended (SAE viscosity and temperature range)	Above +32° F - SAE 30, SAE 20W-40, or SAE 10W-30 As Low As +10° F - SAE 20W, SAE 20W-40, or SAE 10W-30 As Low As -10° F - SAE 10W, SAE 10W-30, or SAE 5W-20 Below -10° F - SAE 5W or SAE 5W-20
Engine Service Requirement (MM, MS, etc.)	MS

## ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Std.: Dual with Crossover; Opt.: Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	Two, Reverse Flow
Exhaust pipe dia. (O.D. Branch wall thickness)	Std.: 2.25 x .083; Opt.: 2.5 x .083
Exhaust pipe dia. (O.D. Main wall thickness)	Std.: 2.0 x .048; Opt.: 2.5 x .083

## ENGINE—FUEL SYSTEM

(See Supplement to Page 6 for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.	Carburetor		
Fuel Tank	Capacity (gals.)	23	
	Filler location	Behind Rear License Plate	
Fuel Pump	Type (elec. or mech.)	Mechanical	
	Locations	Lower Right Front of Engine	
	Pressure range	4 - 5 psi	
Vacuum booster (std., optional, none)	None		
Fuel Filter	Type	Plastic and Paper	
	Locations	Fuel Tank and Between Carburetor and Fuel Pump	
Carburetor	Make & Model No.	Std.: AFB 2903S; Opt.: AFB 3084S	
	Number of carbs., bbls. per carb. & type	Two 4-bbl, Downdraft	
	Barrel size	Primary 1-7/16; Secondary 1-11/16	
	Choke type	Std.: Automatic; Opt.: Manual	
	Intake manifold heat control (exhaust or water)	Std.: Exhaust; Opt.: None	
	Air clnr. type	Standard	Paper Element, Replaceable
		Optional	---

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## ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure-Vent	
Radiator cap relief valve pressure		14 psi; 16 psi with Air Conditioning	
Circulation thermostat	Type (choke, bypass)	Choke, Pellet	
	Starts to open at (°F)	180	
Water pump	Type (centrifugal, other)	Centrifugal	
	Number of pumps	One	
	Drive (V-belt, other)	V-Belt	
	Bearing type	Ball, Permanently Sealed	
By-pass recirculation type (internal, external)		Internal	
Radiator core type (cellular, tube and fin, other)		Tube and Spacer	
Cooling system capacity	With heater (qt.)	17	
	Without heater (qt.)	16	
	Opt. equipment-specify (qt.)	None	
Water jackets full length of cylinder (yes, no)		No	
Water all around cylinder (yes, no)		Yes	
Radiator hose	Lower	Number and type (molded, straight)	One, Molded
		Inside diameter	1.75
	Upper	Number and type (molded, straight)	One, Molded
		Inside diameter	1.5
	By-pass	Number and type (molded, straight)	None
		Inside diameter	---
Fan	Number of blades & Spacing		Seven, 60° - 45° - 59° - 47° - 54° - 50° - 45°
	Diameter		18 without Air Cond.; 18.5 with Air Cond.
	Ratio-fan to crankshaft rev.		.95 without Air Cond.; 1.3 with Air Cond.
	Fan cutout type		Silent-Flite
	Bearing type		See Water Pump
*Drive belts (indicate belt used by letter)	Fan		See Supplement to Page 7
	Generator		---
	Water Pump		---
	Power Steering		---
	Air Conditioning		---

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* Drive Belt Dimensions	See Supplement to Page 7
Angle of V	---
Nominal length (SAE)	---
Width	---



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Supplement to Page 7

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## SUPPLEMENTARY INFORMATION

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### Drive Belt Application

	Std	With AC	With Alternator
CS-FWP-G	A		
CS-FWP-A			E
CS-PS	B	B	F
CS-FWP-IF		C	
CS-G-AC		2D	

### Drive Belt Dimensions

	A	B	C	D	E	F
Angle of "V"	36°					
Nominal Length, SAE	57.38	40.75	34.25	70.25	57.50	42.00
Width	0.38	0.50	0.38	0.47	0.38	0.50

CS - Crankshaft  
 FWP - Fan and Water Pump  
 G - Generator  
 A - Alternator  
 PS - Power Steering  
 AC - Air Conditioning

IF - Fan Idler

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## ELECTRICAL—SUPPLY SYSTEM

<b>Battery</b>	Make and Model	Autolite 12-H-70 and Willard HO-12-70		
	Voltage Rtg. & Total Plates	12, 78		
	SAE Designation & Amp Hr. Rtg	3 SH, 70		
	Location	Under Hood in Left Front Fender Shield		
	Terminal grounded	Negative		
<b>Generator</b>	Make	Autolite	Alternator (Chrysler)	
	Model	GJM-8201-A	ALT-SP	
	Type	Shunt Wound	3-Phase, Full-Wave Rectifier	
	Ratio—Gen. to Cr/s rev.	2.12	1.52	
	Gen. cut-in (hot)—engine rpm	565	565	
<b>Regulator</b>	Make	Autolite	Chrysler EED	
	Model	VBO-4202-BC	1889960	
	Type	Current and Voltage Control	Voltage Control Only	
	Cutout relay	Closing voltage @ generator rpm	12.6 to 13.6 @ 1480	Not Applicable
		Reverse current to open	0 - 6 Amp.	Not Applicable
	Regulated	Voltage	14.3 - 14.9	14.0
		Current	35	Not Applicable
	Voltage test conditions	Temperature	70	80
		Load	15 Min. at 7-amp - (Voltage)	15 Min. at 7.5-amp (Voltage)
		Other	Add'l. 15 Min. @ Rated Volts (Current)	---

## ELECTRICAL—STARTING SYSTEM

<b>Starting motor</b>	Make	Autolite		
	Model	MDT 6002		
	Rotation (drive end view)	Clockwise		
	Engine cranking speed	Cold: 35-RPM; Hot: 150-RPM		
	Test conditions	Cold: SAE 5W @ -20°F Hot: SAE 30 with completely warmed engine		
	Lock test	Amps	350	
		Volts	4	
		Torque (lb. ft.)	8.5	
	No load test	Amps	80	
		Volts	11	
RPM (min.)		3800		
<b>Motor control</b>	Switch (solenoid, manual)	Solenoid, Positive Engagement		
	Starting procedure	<p>Manual Transmission: Depress accelerator about one-third, turn ignition key beyond "On" position.</p> <p>TorqueFlite Transmission: Depress accelerator pedal about one-third, push in "N" Neutral button, turn ignition key beyond "On" position.</p>		

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## ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type		Solenoid, Positive
	Pinion meshes (front, rear)		Front
	Number of teeth	Pinion	9
		Flywheel	172
Flywheel tooth face width		.375	

## ELECTRICAL—IGNITION SYSTEM

Coil	Make		Autolite
	Model		CAH-4001
	Amps	Engine stopped	3.1
Engine idling		2.5	
Distributor	Make		Autolite
	Model		IBS-4011
	Cent'fugal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	0 @ 650-950
		Intermediate points deg. @ rpm	0-8.5 @ 950
			9-13 @ 1280
	Max deg. @ rpm	18-22 @ 4800	
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	0 @ 7.2 - 8.9
		Intermediate points, deg @ in Hg	9-15 @ 12
			15-21 @ 14.5
	Breaker gap (in.)		.014 - .019
Cam angle (deg.)		Double-Breaker, 27-32 each, 34-40 Total	
Breaker arm tension (oz.)		17-21.5	
Timing	Crankshaft deg. @ rpm.		Std: 5° BTC; Opt: 10° BTC
	Mark location		Stationary Indicator on Chain Case Cover
	Cylinder numbering system (see page 2)		Left Bank: 1-3-5-7
			Right Bank: 2-4-6-8
Firing order (see page 2)		1-8-4-3-6-5-7-2	
Spark Plug	Make and model		Std: Autolite A-32; Opt: Autolite A-201 or Champion J-79
	Thread (mm)		14 mm
	Tightening torque (lb. ft.)		30-32
	Gap		.035
Cable	Conductor type		Std: Resistance; Opt: Stainless Steel, Non-Resistance
	Insulation type		Std: Synthetic Rubber with Neoprene Jacket; Opt: See (a)
	Spark plug protector		Silicone

## ELECTRICAL—SUPPRESSION

Locations & type	Capacitor at Generator and Regulator
------------------	--------------------------------------

(a) 7-mm. Silicone with Glass Inner Braid.

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## ELECTRICAL—INSTRUMENTS AND SWITCHES

<b>Speed-ometer</b>	<b>Make</b> Stewart Warner <b>Trip odometer (yes, no)</b> No	
<b>Charge indicator—type</b>		Ammeter
<b>Temperature indicator—type</b>		Electric, magnetic
<b>Oil pressure indicator—type</b>		Electrical
<b>Fuel indicator—type</b>		Electric, magnetic
<b>Other</b>	Tachometer	Mechanical, Boudon Wire
<b>Ignition switch</b>	Identify positions in order and circuits controlled	Center Position - Off 1st Position Clockwise - Ignition & Accessory Circuit Only 2nd Position Clockwise - Starter & Ignition Circuit Only 1st Position Counterclockwise - Accessory Circuit Only
	Provision for illumination	Individual Lamp
	Location	Right of Steering Column
<b>Main lighting switch</b>	Identify positions and lights controlled	Full In Position - Off 1st Position Out - Instrument, Tail, Parking and License Plate Lamps Full Out Position - Instrument, Tail, Head and License Plate Lamps
<b>Other light switches</b>	Locations and lamps controlled	Instrument Lamp Rheostat Control - Concentric with Head Lamp Switch, Variable all Instruments; Dome Lamp - Manual Switch on Instrument Panel, Automatic Door Switch - Each Door; Stop Lamp Switch - In Master Cylinder; Directional Signal Switch - Lever on Instrument Panel
<b>Other switches</b>	Locations and devices controlled	Windshield Wiper Switch - Variable Speed, Left of Steering Column Heater Control - Two-Speed by Push Buttons Right of Steering Column Defroster Control - Push Button Right of Steering Column, Air Vent Control - Push Button Right of Steering Column, Map Light Switch - Center of Instrument Cluster
<b>Windshield wiper</b>	Make	Autolite
	Type	Electric
	Vacuum booster provision	None
	Washer provision	Standard
<b>Horn</b>	Type	Sea Shell
	Number used	2
	Amp draw (each)	9-10

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## ELECTRICAL—LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-5400 S, dual headlight 2-4001, 2-4002.  
 Indicate accessories which are not standard equipment by an asterisk following the numbers.

Headlamps & arrangement	Dual Horizontal; 2-4001, 2-4002
Headlamp beam indicator	1 - 57
Parking	2 - 1034 (a)
Tail	2 - 1034 (b)
Stop	2 - 1034 (b)
Direction signal	2 - 1034 (a)
	2 - 1034 (b)
	2 - 57
License plate	1 - 67
Instrument	Electroluminescence
Ignition lock	1 - 57
Back up	2 - 1073; Not Available with Manual Trans.
Dome	1 - 1004
Clock	Electroluminescence
Radio	Electroluminescence*
Glove compartment	1 - 57
Speedometer	Electroluminescence
Trans. Control	1 - 1816 (TorqueFlite only)
Handbrake Indicator	1 - 1816
Map & Courtesy Lamp	2 - 1004
Trunk Lamp	1 - 1003
Heater Control	1 - 1816*
Tachometer	Electroluminescence

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(a) Integral Units.

(b) Integral Unit, Double-Filament Bulb.

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## 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 lights SFE-10 (a), Direction indicator same as (a).

Headlamp	22.5 CB (A)	
Headlamp beam indicator	Same as (A)	
Parking light	Same as (A)	
Tail light	15 CB (B)	
Stop light	Same as (B)	
Direction indicator	None	
License plate light	Same as (B)	
Instrument light	Same as (B)	
Ignition light	Same as (A)	
Back up light	SFE-6 (Not Applicable with Manual Transmission)	
Dome light	SFE-6 (C)	
Clock	SFE-1	
Clock light	Same as (B)	
Radio	SFE-7.5	
Glove compartment light	Same as (C)	
(See Supplement to Page 12)		

## ELECTRICAL.—LOCATION OF OUTSIDE LAMPS

		Lowest		
		Tail	Highest	
Height above ground to center of bulb	Stop		34.4	
	Backup		21.6	
	License, rear		24.5	
	Directional	Front		22.8
		Rear		34.4
	Headlamp	Inside		27.7
		Outside*		27.9
	Distance from C/L of car to center of bulb	Tail	Inside	---
			Outside	34.9
		Stop		34.9
Backup			32.0	
License, rear			0 (on Center Line)	
Directional		Front		28.0
		Rear		34.9
Headlamp		Inside		25.7
	Outside*		32.7	

\* If single headlamps are used enter here.

# AMA Specifications -- Passenger Car

Supplement to Page 12

MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE ISSUED 11-18-59 REVISED \_\_\_\_\_

## FUSE & CIRCUIT BREAKER DATA

### SUPPLEMENTARY INFORMATION

MODEL	300F
Trunk Compartment Light	Same as (c)
Map Light	Same as (c)
Windshield Wiper	6 CB
Window Lift	30 CB
Electric Seat Adjuster	40 CB
Top Lift	30 CB
Heater	SFE-20
Front Air Conditioner	SFE-20
Rear Air Conditioner	SFE-20
Rear Window Defroster	SFE-6
Cigar Lighter (Front & Rear)	SFE-14
Mirror-Matic	SFE-2
Power Antenna	8 CB

# AMA Specifications – Passenger Car

**MAKE OF CAR** CHRYSLER      **MODEL YEAR** 1960      **DATE ISSUED** 11-18-59      **REVISED** \_\_\_\_\_  
**MODEL** \_\_\_\_\_ 300F

## DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Borg & Beck, Dry, Semicentrifugal	
Type pressure plate springs	Coil	
Total plate pressure (lb.)	2200	
No. of clutch driven discs	One	
Clutch facing	Material	Molded Woven Asbestos
	Outside & inside dia.	11.0 x 6.5
	Total eff. area (sq.in.)	123.8
	Thickness	.125
	Engagement cushioning method	Flat Springs, Crimped
Release bearing	Type & method of lubrication	Ball, Permanent
Torsional damping	Methods: springs, friction material	Coil Springs

## DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	Optional
Manual with overdrive (std. or opt.)	Not Available
Automatic (std. or opt.)	TorqueFlite - Std.

## DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	Four		
Transmission ratios	In first	3.35	
	In second	1.96	
	In third	1.36	
	In fourth	1.00	
	In reverse	3.11	
Synchronous meshing, specify gears	1st - 2nd - 3rd - 4th		
Lubricant	Capacity (pt.)	3.2	
	Type recommended	Multipurpose Gear Lubricant	
	SAE viscosity number	Summer	SAE 90
		Winter	SAE 80-90
		Extreme cold	SAE 80-90



# AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE ISSUED 11-18-59 REVISED \_\_\_\_\_  
 MODEL \_\_\_\_\_ 300F

## DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)		---	
	Manual lockout (yes, no)		---	
	Downshift accelerator control (yes, no)		---	
	Minimum cut-in speed		---	
	Gear ratio		---	
	Lu- bri- cant	Capacity (pt.) (Overdrive only)		---
		Separate filler (yes, no)		---
		Type recommended		---
		SAE vis- cosity number	Summer	---
			Winter	---
Ext. cold	---			

## DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	TorqueFlite		
Type describe	3-Speed Automatic with Torque Converter		
Method of Selection (Lever, Push Button or other)	Push Button		
Selector Pattern	Aligned Horizontally on Instrument Panel, Left of Steering Column		
List gear ratios Selector Pattern and indicate which are used in each selector position	R	Reverse	2.2
	N	Neutral	---
	D	1-2-Drive	2.45-1.45-1.00
	2	1-2	2.45-1.45
	1	1	2.45
Max. upshift speeds—drive range	80		
Max. kickdown speeds—drive range	70		
Torque converter	Number of elements		Three
	Max. ratio at stall		2.2 at 1975
	Type of cooling (air, water)		Water
Lubricant	Capacity—refill (pt.)		21
	Type recommended		Automatic Transmission Fluid - Type A, Suffix A
Special transmission features	Spring-loaded hydraulic valve to prevent accidental reverse engagements		

# AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE ISSUED 11-18-59 REVISED \_\_\_\_\_  
 MODEL \_\_\_\_\_ 300F

## DRIVE UNITS—PROPELLER SHAFT

Number used		One	
Type (exposed, torque tube)		Exposed	
Outer diameter x length* x wall thickness	Manual transmission	3.25 x 59.21 x .065	
	Overdrive transmission	Not Applicable	
	Automatic transmission	3.25 x 59.21 x .065	
Inter-mediate bearing	Type (plain, anti-friction)	None	
	Lubrication (fitting, prepack)	---	
Universal joints	Make	Detroit Universal	
	Number used	Two	
	Type (ball and trunnion, cross, other)	Front: Ball and Trunnion Rear: Cross	
	Bearing	Type (plain, anti-friction)	Anti-Friction
		Lubric. (fitting, prepack)	Prepack
Drive taken through (torque tube or arms, springs)		Rear Springs	
Torque taken through (torque tube or arms, springs)		Rear Springs	

## DRIVE UNITS—REAR AXLE

Description - (incl. limited slip differential)		Standard: Semi-floating, hypoid, 2-pinion differential Sure-Grip: Semi-floating, hypoid, 4-pinion cam-operated clutches limit differential action	
Drive Pinion Offset		1.5	
No. of differential pinions		Std. - 2, Sure-Grip - 4	
Gear ratio and No. of teeth	Automatic transmission (a)	2.93 (41-14), 3.15 (41-13), 3.23 (42-13), 3.31 (43-13), 3.54 (39-11), 3.73 (41-11)	
	Overdrive trans.	---	
	Manual transmission	2.93 (41-14), 3.15 (41-13), 3.23 (42-13), 3.31 (43-13), 3.54 (39-11), 3.73 (41-11)	
Ring gear pitch diameter & O.D.		8.75	
Pinion adjustment (shim, other)		Solid Shim (Washer)	
Pinion bearing adj. (shim, other)		Shims	
Wheel bearing type		Tapered Roller Bearing	
Lubricant	Capacity (pt.)	3.5	
	Type recommended (b)	Multipurpose Gear Lubricant or API Service GL-4	
	SAE viscosity number	Summer	Above -10°F: SAE 90
		Winter	Below -10°F: SAE 80
Extreme cold		Below -30°F: SAE 75	

\*Center to center of universal joints, or to centerline of rear attachment.

(a) Sure-Grip available as Special Equipment using these same ratios.

(b) When equipped with Sure-Grip differential, use only MoPar Sure-Grip differential lubricant.

# AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE ISSUED 11-18-59 REVISED \_\_\_\_\_  
 MODEL \_\_\_\_\_ 300F

### DRIVE UNITS—WHEELS

Type & material		Disc, Pressed Steel
Rim (size and flange type)		14 x 6.5 K
Attachment	Type (bolt or stud)	Stud
	Circle diameter	4.5
	Number and size	Five, 1/2 - 20 NF

### DRIVE UNITS—TIRES

Standard (List option below)	Size & ply	9.00 x 14
	Type - Nylon, etc.	Nylon "Blue Streak"
Rev/mile at _____ mph.		747 @ 30; 736 @ 60; 724 @ 90
Inflation press.(cold)	Front	22
	Rear	22

### BRAKES—SERVICE

Type (duo-servo, balanced, self adjusting, etc.)		Hydraulic, Internal-Expanding, Contoured Variable-Depth Web, 3-Platform Total-Contact Brake Shoes		
Power brake make & type (remote, integral, etc.)		Pedal-Assist, Vacuum - Standard		
Effective area (sq. in.)*		251		
Gross lining area (sq. in.)**		251		
Percent brake effectiveness—front		60		
Drum	Diameter	Front	12	
		Rear	12	
Type and material		Centrifuse		
Bonded or riveted		Bonded		
Brake lining	Front Shoe	Material	Molded Asbestos	
		Size (length x width x thickness)	Front wheel	12.6 x 2.5 x 0.20
			Rear wheel	12.6 x 2.5 x 0.20
		Segments per shoe		One
	Rear Shoe	Material	Molded Asbestos	
		Size (length x width x thickness)	Front wheel	12.6 x 2.5 x 0.20
Rear wheel			12.6 x 2.5 x 0.20	
Segments per shoe		One		
Wheel cylinder bore	Front	1.125		
	Rear	1.125		
Master cylinder bore		1.125		
Available pedal travel		4.63		
Line pressure at 100 lb. pedal load		1210 psi		
Shoe clearance adjustment		No Major Adjustment Required		

\* Excludes rivet holes, grooves, chamfers, etc.  
 \*\* Includes rivet holes, grooves, chamfers, etc.

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE ISSUED 11-18-59 REVISED \_\_\_\_\_  
 MODEL \_\_\_\_\_ 300 F

## BRAKES—PARKING

Type of control		Foot Operated, Multiple Pawl Ratchet
Location of control		Under Instrument Panel, Left of Steering Column
Operates on		Transmission Output Shaft
If separate from service brakes	Type (internal or external)	Internal
	Drum diameter	7
	Lining size (length x width x thickness)	2-Shoes, each 6.53 x 2.0 x 0.16

## FRAME or UNITIZED CONSTRUCTION

Type and description	Unit Construction
----------------------	-------------------

## SUSPENSION—GENERAL (See Supplemental page 17 for details on Air Suspension)\*

Provision for car leveling		Mechanical, by manual adjustment of torsion bar rear anchor bolt
Provision for brake dip control		By inclined front upper control arms and unsymmetrical rear springs
Provision for acc. squat control		Unsymmetrical rear springs
Special provisions for car jacking		None
Shock absorber front & rear	Type	Direct
	Make	Own
	Piston dia.	1.0
Other special features *		Front torsion bars are combined with outboard-mounted highly unsymmetrical semi-elliptical rear leaf springs

## SUSPENSION—FRONT

Type and description	Independent, lateral, non-parallel control arms with torsion bars
----------------------	---

\* High-Rate Springs and Heavy-Duty Shock Absorbers.

(Continued)

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\* Air Suspension:  
 Air spring type  
 Compressor data  
   type  
   make  
   drive ratio  
 Normal operating pressures  
 spring rates  
 leveling data

# AMA Specifications – Passenger Cars

MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE ISSUED 11-18-59 REVISED \_\_\_\_\_  
 MODEL \_\_\_\_\_ 300 F

## SUSPENSION FRONT (cont.)

Spring	Type		Torsion Bar
	Material		Chromium alloy steel
	Size (coil design height & I.D.; bar length x dia.)		44 x 1.08
	Spring rate (lb. per in.)		Not Applicable
	Rate at wheel (lb. per in.) (a)		175
	Design load (lb. @ design height)		Not Applicable
Stabilizer	Type (link, linkless, frameless)		Link Type
	Material & bar diameter		Steel - .81

## STEERING

Mechanical (std., opt., NA)			Not Available	
Power (std., opt., NA)			Standard	
Wheel diameter			16.78 x 16.02	
Turning diameter	Outside front	Wall to wall (l. & r.)	49.7	
		Curb to curb (l. & r.)	46.6	
	Inside rear	Wall to wall (l. & r.)	29.2	
		Curb to curb (l. & r.)	29.9	
Outside wheel angle with inside wheel at 20°			18° 44'	
Mechanical	Gear	Type	---	
		Make	---	
		Ratios	Gear	---
			Overall	---
	No. wheel turns			---
Power	Type (coxial, linkage, etc.)		Integral	
	Make		Own	
	Trade name		Constant-Control	
	Gear	Type	Rack and Sector	
		Ratios	Gear	15.7
			Overall	19.4
	Pump driven by		Belt from C/S Pulley	
	Number wheel turns		3.5	
Linkage	Type		Symmetrical idler arm, equal length tie rods	
	Location (front or rear of wheels, other)		Rear	
	Drag link (trans. or longit.)		Transverse	
	Tie rods (one or two)		Two	

(a) Without Tires

(Continued)

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# AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE ISSUED 11-18-59 REVISED \_\_\_\_\_  
 MODEL \_\_\_\_\_ 300 F

## STEERING (cont)

Steering Axis	Inclination at camber (deg.)		6-1/2 @ 0°
	Bearings (type)	Upper	Ball Joint
		Lower	Ball Joint
		Thrust	Oil-Impregnated, Sintered Metal
Wheel alignment (range and preferred)	Caster (deg.)		Power Steering: + 3/4° ± 1/2°
	Camber (deg.)		Left: + 3/8° ± 1/4° (Prefer + 3/8°) Right: + 1/8° ± 1/4° (Prefer + 1/8°)
	Toe-in (outside tread-inches)		3/32 to 5/32 (Prefer 1/8")
	Steering spindle & joint type		Ball Socket
Wheel spindle	Diameter	Inner bearing	1.25"
		Outer bearing	0.75"
	Thread size		3/4 - 16 NF
	Bearing type		Tapered Roller

## SUSPENSION—REAR

Type and description			Outboard, Parallel, Longitudinal	
Drive and torq. taken through (see page 15)			Rear Springs	
Spring	Type		Leaf	
	Material		Steel	
	Size (length x width, coil design height and I.D.; bar length & dia.)		60 x 2.5	
	Spring rate (lb. per in.)		130-140	
	Rate at wheel (lb. per in.)		190	
	Design load (lb. at design height)		R: 650, L: 700 @ -.375	
	Mounting insulation type		Rubber	
	if leaf	No. of leaves		7
		Inserts	Type and size	4 @ 2.5; 4 @ 3.5
			Material	Front: Plastic; Rear: Wax Impregnated Fabric
Shackle (comp. or tens.)		Compression		
Stabilizer	Type (link, linkless, frameless)		None	
	Material		---	
Track bar type			None	

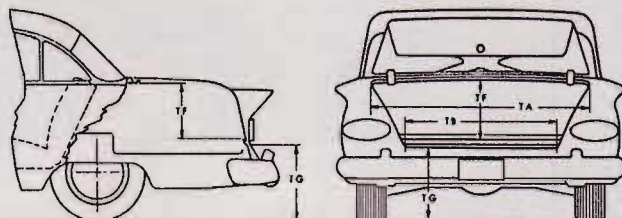
MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE ISSUED 11-18-59 REVISED \_\_\_\_\_

## BODY—GENERAL DEFINITIONS

NOTE: Included in the dimension definitions listed on this and the following pages are those which have been adopted by S.A.E. 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 Subcommittee for inclusion in the Questionnaire. These are shown by an additional letter, e.g., HA. Symbol 'a' added as suffix to SAE dimensions indicates an AMA modification. The dimensions are developed from the following basic points:

1. Body Dimensions are for all basic body models as indicated.
2. All interior dimensions are taken 15" outboard of car centerline (C/L) unless otherwise stated.
3. Front and rear seat free "A" points are taken 5" forward of vertical tangent to seat back 15" from center of body.
4. Depressed "A" point is the lowest point on the seat cushion depressed contour.
5. Front seat is in full down and normal rear position.
6. Unless otherwise specified all exterior height dimensions are taken with a full design load which consists of 5 passengers, 300 lbs. front, 450 lbs. rear; includes spare wheel, tire and tools, and full complement of gas, oil, water and tires to recommended pressure, etc.
7. DLO (Daylight opening - pages 22 & 24).
8. For further clarification of definitions see SAE Aeronautical—Automotive Drawing Standards, Section E-1.

## BODY—TRUNK DIMENSIONS

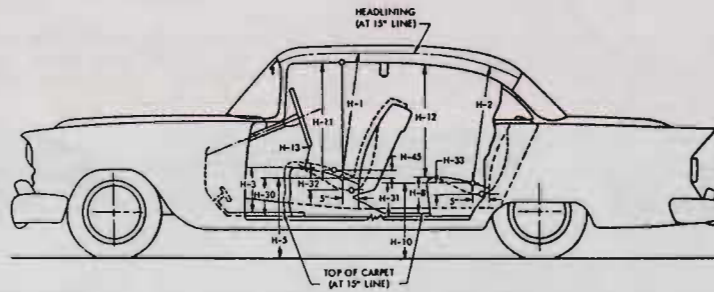


MODEL	300 F	2-Door Hardtop	Convertible Coupe
Usable trunk luggage capacity (See Section E-1 of SAE Automotive Drawing Standards)	18.4	13.4	13.4
Total trunk volume in cu. ft. with spare tire in place	34.1	31.1	31.1
TA—Width across the top	57.4		
TB—Width across the bottom	50.0		
TF—Vertical dimension at C/L from bottom to top of opening	9.1		
TG—Vertical height from ground to trunk lower opening (normal surface of outside sheet metal - loaded)	26.6		
Position of spare tire stowage	Horizontal, Left Side of Trunk		
Method of holding lid open	Torsion Bar		

# AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE: ISSUED 11-18-59 REVISED \_\_\_\_\_

## BODY—HEIGHT DIMENSIONS—INTERIOR



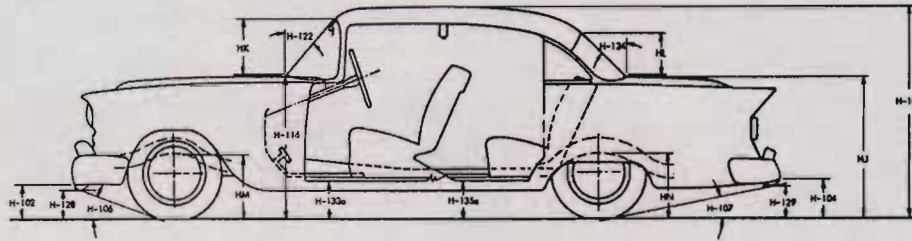
MODEL	300F	2-Dr. Hardtop	Convertible Coupe
H1. Front headroom. Free "A" pt. to headlining at 8° back of vertical. (For "A" pt. see note 3, page 20)	34.1		35.5
H2. Rear headroom. Free "A" pt. to headlining at 8° back of vertical	34.2		35.0
H3. Front cushion height above floor carpet at front edge of cushion. (Ignore risers)			11.3
H5. Free "A" pt. to ground, front. Measured vertically			20.0
H8. Rear cushion height above floor carpet at front edge of cushion. (Ignore risers)			11.6
H10. Free "A" point to ground rear. Measured vertically			18.4
H11. Entrance, front. Free "A" point to bottom of windcord, vertical			29.3
H12. Entrance, rear. Top of cushion to bottom of windcord at front edge of rear seat			---
H13. Steering wheel clearance to seat cushion taken on arc (wheel turned for min. clearance)			6.4
H30. Free "A" point reference height, front. Vertical dimension to SAE horizontal reference line			9.7
H31. Free "A" point reference height, rear. Vertical dimension to SAE horizontal reference line			7.7
H32. Front seat cushion deflection. Vertical dimension from free "A" point to depressed "A" point			4.0
H33. Rear seat cushion deflection. Vertical dimension from free "A" point to depressed "A" point			4.0
H45. Front seat maximum vertical rise at free "A" point			1.3



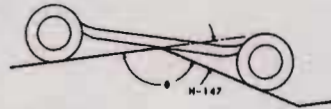
# AMA Specifications— Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE: ISSUED 11-18-59 REVISED \_\_\_\_\_

## BODY—HEIGHT DIMENSIONS—EXTERIOR



θ - INCLUDED RAMP ANGLE  
 H-147 - RAMP BREAKOVER ANGLE  
 (SUPPLEMENT OF INCLUDED RAMP ANGLE)



NOTE: For dimensions to lamps see page 12.

MODEL	300 F	2-Dr. Hardtop	Convertible Coupe
H101. Overall height, full design load	55.1		55.5
HB. Overall height, curb weight	56.7		57.1
H102. Front bumper bottom to ground at normal section, min. height		10.1	
H104. Rear bumper bottom to ground at normal section, min. height		11.0	
H106. Angle of approach. To interfering point on bumper, guard, other		16.3°	
H107. Angle of departure. To interfering point on bumper, guard, other		10.5°	
H114. Hood at rear to ground. Vertical dimension C/L, excluding molding, at hood opening line at cowl		39.4	
H122. Windshield normal slope angle to vertical line on car C/L		50° 30'	
H124. Backlight normal slope angle to vertical line on car C/L		60°	61°
H128. Bottom of front bumper guard to ground		Not Applicable	
H129. Bottom of rear bumper guard to ground		Not Applicable	
H133a. Bottom of front door to ground, min. dimension		14.5	
H135a. Bottom of rear door to ground, min. dimension		---	
H147. Ramp breakover angle		10.6°	
H153. Min. road clearance at rear axle		7.6	
H156. Min. road clearance and location (a)		5.8	
HJ. Deck at rear window to ground		37.9	
HK. Windshield DLO*. Vertical height at C/L		14.7	
HL. Back light DLO*. Vertical height at C/L		13.6	12.1
HM. Bottom of frame to ground at C/L of front axle, min. height		12.6	
HN. Bottom of frame to ground at C/L of rear axle, min. height.		18.3	

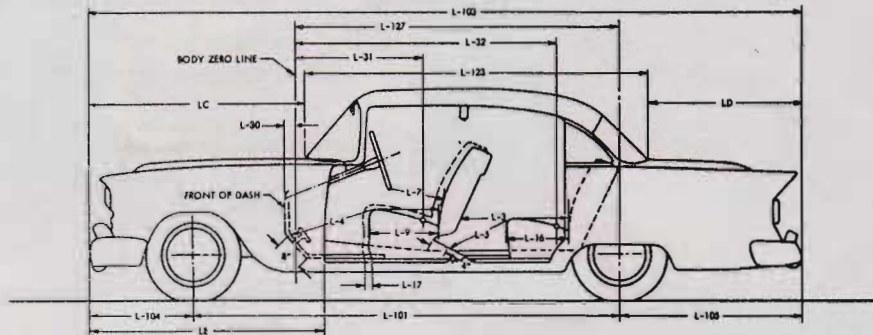
\* See Note, page 20

(a) At Muffler.

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE: ISSUED 11-18-59 REVISED \_\_\_\_\_

## BODY—LENGTH DIMENSIONS



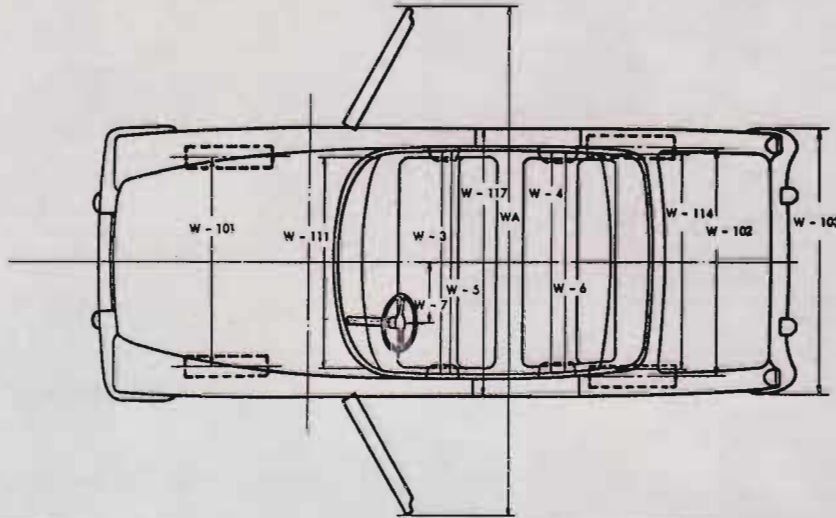
MODEL	300 F	2-Dr. Hardtop	Convertible Coupe	
Interior	L3. Rear compartment room. Back of front seat back to front of rear seat back	28.6		
	L4. Leg room, front. Ball of foot to top of seat to seat back	45.6		
	L5. Leg room, rear. Ball of foot to top of seat to seat back	35.4		
	L7. Steering wheel clearance to seat back taken on arc	16.3		
	L9. Front seat depth. Front edge to vert. tan. of seat back	19.0		
	L16. Rear seat depth. Front edge to vert. tan. of seat back	17.8		
	L17. Maximum "A" point horizontal travel with normal seat adjustment	4.5		
	L30. Vertical body zero line to actual front of dash. Measured horizontally*	3.7		
	L31. Vertical body zero line to free "A" point, front	39.0		
L32. Vertical body zero line to free "A" point, rear	71.2			
Exterior	L101. Wheelbase	126.0		
	L103. Overall length. Incl. bumper guards if standard equipment	219.6		
	L104. Overhang, front. Include bumper guards if stand. eq.	34.7		
	L105. Overhang, rear. Include bumper guards if stand. eq.	58.9		
	L123a. Body upper structure length at C/L, excl. molding	106.2	109.0	
	L127. Vertical body zero line to centerline of rear wheels	102.0		
	LC. Front of car to base windshield, excl. molding	62.4		
	LD. Rear of car to base of rear window or upper structure, excl. molding	51.0	48.2	
	LE. Front of car to front edge of front door	67.3		

\* Precede figure with minus sign if front of dash is to rear of body zero line.

# AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE: ISSUED 11-18-59 REVISED \_\_\_\_\_

## BODY—WIDTH DIMENSIONS

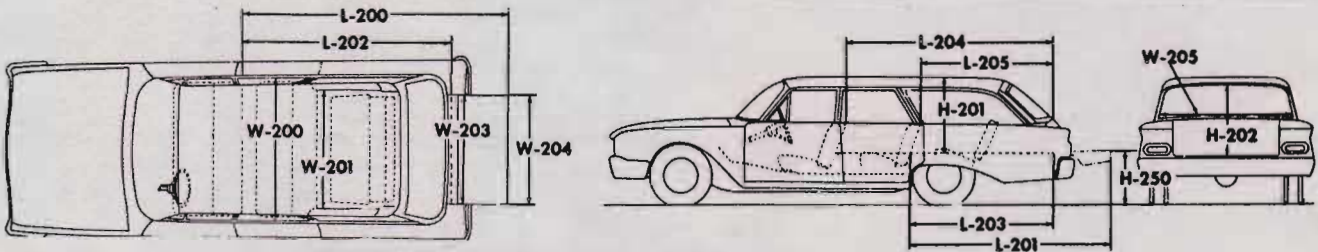


MODEL	300F	2-Dr. Hardtop	Convertible Coupe
Interior	W3. Front shoulder room, at garnish molding height or nearest interference 5" forward of seat back	Not Applicable - Individual Seats	
	W4. Rear shoulder room, at garnish molding height or nearest interference 5" forward of seat back	"	"
	W5. Front hip room, at top of seat 5" forward of vert. tan. to seat back	"	"
	W6. Rear hip room, at top of seat 5" forward of vert. tan. to seat back	"	"
	W7. Steering wheel center (on surface plane of wheel) to C/L of body	16.1	
Exterior	W101. Front tread at ground	61.2	
	W102. Rear tread at ground	60.0	
	W103. Max. overall width of car including bumpers or moldings	79.4	
	WA. Max. overall width of car with doors open (2 & 4 door)	167.8	
	W111. Windshield DLO, max. width	58.9	
	W114. Back window DLO, max. width	61.6	57.7
	W117. Max. body width at center pillar, less hardware and applied moldings	76.1	

# AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1960 DATE: ISSUED 11-18-59 REVISED \_\_\_\_\_

## STATION WAGON—CARGO SPACE DIMENSIONS



NOTE: Front seat in full down and normal rear position for all measurements. Lengths and heights measured at car centerline.

MODEL	300F	Not Applicable
L200	Floor length from back of front seat at floor level to end of lowered tail gate	/
L201	Floor length from back of second seat at floor level to end of lowered tail gate	
L202	Floor length from back of front seat at floor level to inside of closed tail gate	
L203	Floor length from back of second seat at floor level to inside of closed tail gate	
L204	Minimum horizontal distance from top rear of front seat back to inside of top of tail gate	
L205	Minimum horizontal distance from top rear of second seat back to inside of top tail gate	
W200a	Maximum width of cargo space at floor, specify location	
W201	Minimum distance between wheel houses at floor level	
W203	Rear end opening width at floor	
W204	Rear end opening width at top of tail gate	
W205	Maximum width of rear opening above raised tail gate	
H201	Maximum height, floor covering to headlining	
H202	Maximum height of rear opening, tail and lift gates open	
H250	Platform height measured from ground to top of tail gate floor covering at rear most edge of tail gate, curb weight	
Third Seat, facing direction		
Tail and lift gates or sliding glass		

# AMA Specifications -- Passenger Car

**MAKE OF CAR** CHRYSLER      **MODEL YEAR** 1960      **DATE ISSUED** 11-18-59      **REVISED** \_\_\_\_\_  
**MODEL** 300F      2-Dr. Hardtop      Convertible Coupe

## BODY--MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front
	Rear doors	---
Type of finish (lacquer, enamel, other)		Synthetic Enamel
Hood hinge location (front, rear)		Rear
Hood counterbalanced (yes, no)		Yes
Hood release control (internal, external)		Internal
Vehicle (Serial) No. Location		Left Front Door Hinge Pillar, Lower
Engine No. Location		Front of Engine, Top Center
Theft protection - type		Ignition Key Start, Ign. Switch Terminal Block, Door Locks
Vent window control method (crank, friction pivot)	Front	Friction Pivot
	Rear	None
Seat spring type (coil, zigzag, etc.)		Cushion, Front - Zigzag, Rear - Coil; Seat Backs - Full-Vol. Foam Latex
Windshield type (single curved, compound curved, other)		Compound Curved
Rear window type (flat, curved, one piece, three piece)		One Piece, Curved
Side glass type (curved, flat)		Flat
Side glass exposed surface area		1254      1137
Windshield glass exposed surface area		1575
Backlight glass exposed surface area		1778      1237
Total glass exposed surface area		4607      3949

## BODY--TYPES AND STYLE NAMES--

Body type, number of passenger & style names; use manufacturer's code for series & body style.

BODY STYLES:	CODES
Hardtop 2-Door, 4- Pass.	PC3-H-23
Convertible Coupe 2-Door, 4-Pass.	PC3-H-27



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