

# AMA Specifications – Passenger Car

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**MAKE OF CAR**      PLYMOUTH      **MODEL YEAR** 1960      **DATE ISSUED** 9-15-59 **REVISED** (.) 9-15-60

**COMPANY**

MODEL NAME (Sixes)	SYMBOL	MODEL NAME (V-8s)	SYMBOL
Savoy	PPL-L	Savoy	PP2-L
Belvedere	PPL-M	Belvedere	PPa-M
Fury	PPL-H	Fury	PP2-H

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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.:	PPL		PP2		PP2	PP2-Commando (a)	
		Exc. Sub.	Sub.	Exc. Sub.	Sub.	Super Pak (a)	Golden	SonoRami
Wheelbase (L-101)	23	118	122	118	122		---	
Tread	Front (W-101)	60.9					---	
	Rear (W-102)	59.6		59.7			---	
Maximum Overall Dimensions	Length (L-103) (b)	209.4	214.9	209.4	214.9		---	
	Width (W-103)	78.6					---	
	Height (H-101)	54.8	55.4	54.6	55.4		---	
Transmission- (Specify trade name - opt., not available)	Manual	Standard				NA	Std	NA
	Overdrive	Not Available						
	Automatic	TF6 - Opt.		PF or TF - Opt.			TF-Opt.	TF - Std
Axle ratio	Manual	3.54		3.58(d)		NA	3.31	NA
	Overdrive	Not Available						
	Automatic	3.31 - TF6		2.93 - TF; 3.31 - PF			3.31 - TF	
Tire size	16	7.50 x 14 (c)						
Engine	Type, no. cyl., valve arr.	6, OHV		OHV, V-8				
	Fuel system (Carb. or inj.)	Carb, 1 bbl		Carb, 2-bbl		4-bbl	4-bbl	2,4-bbl
	Bore and stroke	3.40 x 4.125		3.91 x 3.31			4.12 x 3.38	
	Piston displ., cu. in.	225		318			361	
	Std. compression ratio	8.5		9.0			10.0	
	Max. bhp at engine rpm	145 @ 40		230 @ 44		260 @ 44	305 @ 48	310 @ 48
	Max. torque at rpm	215 @ 28		340 @ 24		345 @ 28	395 @ 30	435 @ 28

NA - Not Available; PF - PowerFlite; TF - TorqueFlite; TF6 - TorqueFlite 6 Rev. Form 3-59

(a) Available in all PP2 models as special equipment.

(b) With special equipment Grille Guard - Except Suburban: 209.5; Suburban: 215.0

(c) 9-Pass. Suburbans - 8:00 x 14. See Tire Section, Page 16.

(d) Early-built cars - 3.54

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MODEL	PP1	PP2		PP2-Commando (a)		Golden	SonoRamic	
		Std.	Super Pak					

## ENGINE—GENERAL

Type, no. cyls., valve arr.	OHV, 6		OHV, V-8, Lateral		OHV, V-8, In-Line	
Bore and stroke	3.40 x 4.125		3.91 x 3.31		4.12 x 3.38	
Piston displacement, cu. in.	225		318		361	
Bore spacing (C/L to C/L)	(b)		4.46		4.80	
No. system	L. Bank	---		1-3-5-7		
(front to rear)	R. Bank	---		2-4-6-8		
Firing order	1-5-3-6-2-4		1-8-4-3-6-5-7-2			
Compres. ratio (nominal)	Standard	8.5(g)	9.0		10.0	
	Optional	None				
Cylinder Head Material	Standard	Cast Iron				
	Optional	None				
Cylinder Sleeve	Wet, dry, none					None
Number of mounting points	Front	Two				
	Rear	One				
Engine installation angle	Vertical Plane - 3.5° (c)					
Taxable horsepower	$\frac{\text{Dia.}^2 \times \text{No. Cyl.}}{2.5}$	27.7	48.9		54.3	
Published max. bhp at engine RPM*	Standard	145 @ 40	230 @ 44	260 @ 44	305 @ 48	310 @ 48
	Optional	---	---	---	---	---
Published max. torque* (lb. ft. @ RPM)	Standard	215 @ 28	340 @ 24	345 @ 28	395 @ 30	435 @ 28
	Optional	---	---	---	---	---
Recommended fuel	Standard	Regular			Premium	
	Optional	---				
Recommended idle speed (neutral)		(d)	500 (e)		750	

## ENGINE—PISTONS

Material	Aluminum Alloy		
Description and finish	(f)	Thermally controlled by steel band, horizontal slot, elliptically-turned, tin-plated	Slipper type thermally controlled by steel struts, elliptically-turned, tin-plated
Weight (piston only) oz.	16.26	20.9	25.6

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

(Continued)

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- (a) Commando Engines are available on all PP2 models
- (b) Between 1 & 2, 3 & 4, and 5 & 6 - 3.98; between 2 & 3 and 4 & 5 - 4.00
- (c) Horizontal plane - 1.0° Right
- (d) 550 rpm with manual transmission; 500 rpm with automatic transmission
- (e) Air compressor operating when equipped with air conditioning.
- (f) Same as Commando Engines
- (g) Later-built cars - 8.2

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### POWER TEAMS

(Indicate whether standard or optional)

SERIES	ENGINE				TRANSMISSION S - Standard O - Optional	AXLE RATIO (Std. first) * Also with Sure-Grip differential
	Displacement	Carburetor	Compression Ratio	BPH		
PP1 30-D Economy Six	225	1-bbl	8.5	145	S: Manual 3-Speed O: Auto. 3-Speed	3.54*, 3.90 3.31, 3.54
PP2 Fury V-800	318	2-bbl	9.0	230	S: Manual 3-Speed O: Auto. 2-Speed O: Auto. 3-Speed	3.54*, 3.91 (a) 3.31, 3.54 2.93*, 3.31, 3.54**
PP2 Fury V-800 with Super Pak	318	4-bbl	9.0	260	S: Auto. 2-Speed O: Auto. 3-Speed	3.31, 3.54* 2.93*, 3.31, 3.54*
PP2 Golden Commando	361	4-bbl	10.0	305	S: Manual 3-Speed O: Auto. 3-Speed	3.31, 3.54* 3.31, 2.93*, 3.54**
PP2 SonoRamic Commando	361	2,4-bbl Ram	10.0	310	S: Auto. 3-Speed	2.93*, 3.31, 3.54**
(a) On later-built cars, 3.54 ratio changed to 3.58.					* Also used with ** Used with Sure-Grip only.	Sure-Grip. Grip only.

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**MODEL** PP1      PP2      PP2 With Commando

## ENGINE PISTONS (Cont.)

Clearance (limits)	Top land		.025 - .030	.029 - .034	.042 - .048
	Skirt	Top	.00075 - .00125	.0005 - .0015	.0005 - .0010
		Bottom	---	---	---
Ring groove depth	No. 1 ring		.179	.21	.235
	No. 2 ring		.179	.21	.235
	No. 3 ring		.181	.20	.221
	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, Std. Type #1 Chrome Plated #2 Tin Plated	Cast Iron, Low Taper Low Twist, Tin Plated	Cast Iron, Std. Taper, Std. Twist, Tin Plated
	Width		.078		
	Gap		.010 - .020		.013 - .025
Oil	Description - material, type, coating, etc.		Steel, 3-Piece Chrome Plated Rails	Cast Iron, Single Piece	
	Width		.186		
	Gap		.01 - .02		.013 - .025
Expanders		Oil Ring Only	Low Tension Hump-Type Oil Ring Only	Std. Tension Hump-Type Oil Ring Only	

## ENGINE—PISTON PINS

Material			High-Manganese Steel		
Length			2.965	3.0	3.56
Diameter			.9008	0.984	1.093
Type	Locked in rod, in piston, floating, etc.		Press-Fit in Rod	Floating	Press-Fit in Rod
	Bushing	In rod or piston	None	Rod	None
		Material	None	Bronze on Steel	None
Clearance	In piston		.00045 - .00075	.000 - .0005	.00045 - .00075
	In rod		.0007 - .0012 (Interference)	.0001 - .0004	.0007 - .0012 (Interference)
Direction & amount offset in piston			.06 Right		.09 Right

## ENGINE—CONNECTING RODS

Material			Drop-Forged Steel	High Manganese Forging Steel	Drop-Forged Steel
Weight (oz.)			27.34	25.6	28.6
Length (center to center)			6.699	6.125	6.36
Bearing	Material & Type (a)		Lead-Base Babbitt on Steel	Bi-Metal Grid	Lead-Base Babbitt on Steel
	Overall length		1.045	.843	.927
	Clearance (limits)		.0005 - .0015		
	End play		.006 - .012	.006 - .014 (Both Ends)	.009 - .017 (2-Rods)

(a) Removable, Precision Type.

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MODEL	PP1			PP2		PP2 With	Commando

## ENGINE—CRANKSHAFT

Material		Drop-Forged Steel						
Vibration damper type		Non-Adhesion Rubber Dynamic (a)						
End thrust taken by bearing (No.)		#3						
Crankshaft end play		.002 - .007						
Main bearing	Material & type		Lead-Base Babbitt on Steel				(b)	
	Clearance		.0005 - .0015					
	Journal dia. and bearing overall length	No. 1	2.75 x 1.034	2.5 x .87	2.63 x .94			
		No. 2	2.75 x 1.034	2.5 x .87	2.63 x .94			
		No. 3	2.75 x 1.254	2.5 x 1.15	2.63 x 1.223			
		No. 4	2.75 x 1.034	2.5 x .87	2.63 x .94			
		No. 5	None	2.5 x 1.56	2.63 x .94			
		No. 6	None					
No. 7		None						
Dir. & amt. cyl. offset		None						
Crankpin journal diameter		2.187	2.125	2.375				

## ENGINE—CAMSHAFT

Location		Right Side	Center of "V" above Crankshaft			
Material		Hardenable Cast Iron, with Cams and Drive Gear for Distributor and Oil Pump Cast Integrally (c)				
Bearings	Material	Lead-Base Babbitt on Steel				
	Number	4	5			
Type of Drive	Gear or chain		Chain			
	Crankshaft gear or sprocket material		High Manganese Steel or Malleable Cast Iron	Sintered Iron (Super Oilite) or High Manganese Steel		
	Camshaft gear or sprocket material		Cast Iron			
	Timing chain	No. of links	50	68	50	
		Width	.88	1.02	.88	
Pitch		.50	.38	.50		

## ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		N/A		Std,
Valve rotator, type (intake, exhaust)		Low Friction Lock on Exhaust		
Rocker ratio		1.5		
Operating tappet clearance (indicate hot or cold)	Intake	.010 (Hot)		Not Applicable
	Exhaust	.020 (Hot)	.018 (Hot)	Not Applicable
Timing marks on flywheel, damper, other		Stationary Indicator on Chain Case Cover		

(Continued)

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- (a) Not available on PP2 Models with Automatic Transmission except with Commando.
- (b) #3 Tin-Base Babbitt on Steel.
- (c) Integrally cast fuel pump Eccentric on PP1.

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<b>MODEL</b>	PP1	PP2	PP2 - Commando	
	Std.	Super Pak	Golden	SonoRamic

## ENGINE—VALVE SYSTEM (cont.)

<b>Timing</b>	Intake	Opens ( <sup>o</sup> BTC)	TDC	17	13	24	20	
		Closes ( <sup>o</sup> ABC)	52	47	55	64	68	
		Duration - deg.	232	244	248	268		
	Exhaust	Opens ( <sup>o</sup> BBC)	40	55	51	64	60	
		Closes ( <sup>o</sup> ATC)	8	9	17	24	28	
		Duration - deg.	228	244	248	268		
Valve opening overlap		8	26	30	48			
<b>Intake</b>	Material		Aluminized Steel			Silicon-Chromium Steel		
	Overall length		4.774	4.60		4.87		
	Actual overall head dia.		1.620	1.84		1.95		
	Angle of seat & face		45					
	Seat insert material		None					
	Stem diameter		.37					
	Stem to guide clearance		.001 - .003					
	Lift		.375	.370	.390	.430		
	Outer spring press. and length	Valve closed (lb. @ in.)	83 @ 1.69			100 @ 1.86		
		Valve open (lb. @ in.)	177 @ 1.31			205 @ 1.43		
	Inner spring press. and length	Valve closed (lb. @ in.)	None			Damper Only		
		Valve open (lb. @ in.)	None			---		
	<b>Exhaust</b>	Material		21-4N				
		Overall length		4.797	4.54		4.89	
Actual overall head dia.		1.36	1.56		1.60			
Angle of seat & face		47	45					
Seat insert material		None						
Stem diameter		.37						
Stem to guide clearance		.002 - .004						
Lift		.368	.368	.390	.430			
Outer spring press. and length		Valve closed (lb. @ in.)	83 @ 1.69			100 @ 1.86		
		Valve open (lb. @ in.)	177 @ 1.31			205 @ 1.43		
Inner spring press. and length		Valve closed (lb. @ in.)	None			Damper Only		
		Valve open (lb. @ in.)	None			---		

## ENGINE—LUBRICATION SYSTEM

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

(Continued)

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MODEL	PP1	PP2	Super Pak	PP2 - Commando	Golden	SonoRamic	

## ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Rotary		
Normal oil pressure (lb. @ engine rpm)	40-65 @ 2000	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	Shunt	Full-Flow
Filter replacement (element, complete)	Element	Element	Complete
Capacity of crankcase, less filter-refill (qt.)	4	5	
Oil grade recommended (SAE viscosity and temperature range)	Above +32° F - SAE 30, SAE 10W-30, or SAE 20W-40 As Low as +10° F - SAE 20, SAE 10W-30, or SAE 20W-40 As Low as -10° F - SAE 10, 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)	Single	Single with Crossover(a)	Dual		
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, Reverse Flow		Two, Reverse Flow		
Exhaust pipe dia. (O.D. wall thickness)	Branch	---	1.88 x .075	---	1.75 x .083
	Main	2.0 x .060	2.25 x .075	(b) 1.88x.060	2.25 x .083
Tail pipe diameter (O.D. & wall thickness)	1.75 x .048	2.0 x .048	1.75x.048	2.0 x .048	2.0 x .048

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

## ENGINE—FUEL SYSTEM

Induction type: Carburetor, fuel injection, supercharger.	Carburetor						
Fuel Tank	Capacity (gals.)	20; Suburbans - 21					
	Filler location	All exc. Sub: Behind License Plate; Sub: Left Rear Quarter Panel					
Fuel Pump	Type (elec. or mech.)	Mechanical					
	Locations	Right - Front of Engine					
	Pressure range	4 - 5 psi					
Vacuum booster (std., optional, none)	None						
Fuel Filter	Type	Plastic	Paper				
	Locations	Fuel Tank	Fuel Tank and Carb.				
Carburetor	Make & Model No.	Manual	BBS-2985S	(c)	---	AFB-2969S	---
		Automatic Trans.	BBS-2986S	(d)	AFB-2925S	AFB-2970S	AFB-2903S
	Number of carbs., bbls. per carb. & type	Single	2-bbl	4-bbl		2, 4-bbl	
		Downdraft	Downdraft	Downdraft		Downdraft	
	Barrel size	1-11/16	1-7/16	Prim: 1-7/16; Sec: 1-7/16		(e)	
	Choke type	Separate					
Intake manifold heat control (exhaust or water)	Exhaust						
Air clnr. type	Standard	Paper Element, Replaceable					
	Optional	None					

- (a) Duals Opt: Same as Super Pak except Sub has 2" Exhaust Pipe.
- (b) Suburban Exhaust Pipe: 2 x .060
- (c) BBD-2921S or WW15-41 380970
- (d) BBD-2922S or WW15-42 380971
- (e) Primary: 1-7/16; Secondary: 1-11/16

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**MODEL** PP1      PP2      PP2 with Commando

## ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure - Vent			
Radiator cap relief valve pressure		14 psi	14 psi; 16 psi w/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)		External	Internal		
Radiator core type (cellular, tube and fin, other)		Cellular Tubular or Fin and Tube			
Cooling system capacity	With heater (qt.)	14	21	17	
	Without heater (qt.)	13	20	16	
	Opt. equipment-specify (qt.)	None			
Water jackets full length of cylinder (yes, no)		No	Yes	No	
Water all around cylinder (yes, no)		Yes			
Radiator hose	Lower	Number and type (molded, straight)	One, Molded		
		Inside diameter	1.5	1.75 - 1.5	
	Upper	Number and type (molded, straight)	One, Molded		
		Inside diameter	1.5		
	By-pass	Number and type (molded, straight)	One, Straight	One, Molded	None
		Inside diameter	0.68	0.8	---
Fan	Number of blades & Spacing		Four, 76° - 104°; with AC, Seven - 60-45-59-47-54-50-45		
	Diameter		17	18	
	Ratio-fan to crankshaft rev.		1.07 to 1	.95 to 1	.95 to 1; 1.3 with AC
	Fan cutout type		None		Silent Flite W/AC only
	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		---		

AC - Air Conditioning

*-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

### MODEL

### DRIVE BELT APPLICATION

BELT DRIVEN PULLEY COMBINATIONS	PP1			PP2					PP2 WITH COMMANDO					
	Std	With PS	With Opt G	Std	With PS	With AC	With Opt G	With HD G	Std	With PS	With AC	With Opt G	With HD G	With HD G & AC
CS-FWP-G	A	A	C	D	D				K	K		P	Q	
CS-PS		B			E	E	E	E		L	L	L	L	L
CS-I-AC						2F	2F	2F						
I-G						G	I	J						
CS-FWP-I						H	H	H			N			N
CS-G-AC											M			R

CS - Crankshaft, FWP - Fan and Water Pump, G - Generator, PS - Power Steering,  
AC - Air Conditioning, HD - Heavy Duty, I - Idler

### DRIVE BELT DIMENSIONS

	A	B	C	D	E	F	G	H	I
Angle of V	36°								
Nominal Length, SAE	40.5	47.75	41.88	57.75	38.75	65.0	21.25	36.88	23.25
Width	.38				.5	.47	.38		

	J	K	L	M	N	P	Q	R
Angle of V	36°							
Nominal Length, SAE	24.5	56.5	40.75	70.25	34.25	57.37	58.0	70.75
Width	.38		.5	.47	.38		.47	

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<b>MODEL</b>	PP1	PP2	PP2 w/Commando
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## ELECTRICAL—SUPPLY SYSTEM

<b>Battery</b>	Make and Model	AL, 11-HS-50 and Willard HO-11-50 (a)(b)AL,11-HS-60 & Willard HO-11-60.			
	Voltage Rtg. & Total Plates	12, 54		12, 66	
	SAE Designation & Amp Hr. Rtg	2 SHA, 50		2 SHB, 60	
	Location	Under Hood, Left Front Fender Shield			
	Terminal grounded	Negative			
<b>Generator</b>	Make	Auto-Lite			
	Model	GJM-8201-A			
	Type	Shunt Wound			
	Ratio—Gen. to Cr/s rev.	2.25	2.0	2.12	
	Gen. cut-in (hot)—engine rpm	533	600	565	
<b>Regulator</b>	Make	Auto-Lite			
	Model	VBO-4202-BC			
	Type	Current and Voltage Control			
	Cutout relay	Closing voltage @ generator rpm	12.6 to 13.6 @ 1480		
		Reverse current to open	0 - 6 Amp.		
	Regulated	Voltage	14.3 - 14.9		
		Current	35		
	Voltage test conditions	Temperature	70°		
		Load	15-Min. at 7-amp - Voltage Check		
		Other	Additional 15-Min. at Rated Volts - Current Check		

## ELECTRICAL—STARTING SYSTEM

<b>Starting motor</b>	Make	Auto-Lite			
	Model	MDT-7002	MDU-7001	MDT-7001	
	Rotation (drive end view)	Clockwise			
	Engine cranking speed	Cold: 35-rpm; Hot: 150-rpm			
	Test conditions	Cold: SAE 5W at -20° F Hot: SAE 30 with completely Warmed Engine			
	Lock test	Amps	350	355	350
		Volts	4	4	4
		Torque (lb. ft.)	8.5	9	8.5
	No load test	Amps	58	50	58
		Volts	11	11	11
RPM (min.)		3800	5500	3800	
<b>Motor control</b>	Switch (solenoid, manual)	Bendix (Anti-Kickout)			
	Starting procedure	<p>Manual 3-Speed Transmission: Depress accelerator pedal about one-third, turn ignition key beyond "On" position.</p> <p>Automatic Transmissions: Depress accelerator pedal one-third, push in "N" Neutral button, turn ignition key beyond "On" position.</p>			

(a) Detroit Built Cars: Gould 11-OE-50  
 (b) Detroit Built Cars: Gould 11-OE-60

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MODEL	PPI			PP2		Manual Transmission	Automatic Transmission

## ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type		Inertia - Follow-Through Drive				
	Pinion meshes (front, rear)		Front				
	Number of teeth	Pinion	9				
		Flywheel	148	172			
Flywheel tooth face width		.375					

## ELECTRICAL—IGNITION SYSTEM

Coil	Make		Auto-Lite			
	Model		CAH-4001 (Ballast Resistor)			
	Amps	Engine stopped	3.1			
Engine idling		2.5				
Distributor	Make		Chrysler	Auto-Lite		
	Model		2095270	IBP-4003-T	IBP-4003-L	
	Cent'figal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	0° @ 500-900	0° @ 540-860	0° @ 670-1130	
		Intermediate points deg. @ rpm	0° to 4° @ 900 11° to 15° @ 2000	0° to 4° @ 860 9° to 13° @ 1600	0° to 4° @ 1130 4° to 8° @ 1600	
		Max deg. @ rpm	21° to 25° @ 4400	21° to 25° @ 4600	16° to 20° @ 4600	
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	0° @ 4.9" - 6.9"	0° @ 7.6" - 8.8"		
		Intermediate points, deg @ in Hg	9° to 14° @ 9.5"	13.5° to 19.5° @ 13"		
		Max. deg. in. Hg. (a)	15.5° to 20.5° @ 12"	24° to 29.5° @ 17"		
	Breaker gap (in.)		.017-.023	.014-.019		
	Cam angle (deg.)		36°-42°	27°-32°		
Breaker arm tension (oz.)		17-21.5				
Timing	Crankshaft deg. @ rpm.		2.5° @ 500	5° @ 500	10° @ 500	
	Mark location		Stationary Indicator on Chain Case Cover			
	Cylinder numbering system (see page 2)		Front to Rear	Left Bank: 1-3-5-7 Right Bank: 2-4-6-8		
Firing order (see page 2)		1-5-3-6-2-4	1-8-4-3-6-5-7-2			
Spark Plug	Make and model		Auto-Lite - AG-42	Auto-Lite - A-42		
	Thread (mm)		14-mm			
	Tightening torque (lb. ft.)		30-32			
	Gap		.035			
Cable	Conductor type		Resistance			
	Insulation type		Synthetic with Neoprene Jacket			
	Spark plug protector		Hypalon			

## ELECTRICAL—SUPPRESSION

Locations & type	Resistance-type Spark Plug and Coil leads
------------------	---

(a) Later Built Cars: 10.5° - 15.5° @ 10" Hg.

# AMA Specifications – Passenger Car

MAKE OF CAR	PLYMOUTH	MODEL YEAR	1960
		DATE ISSUED	9-15-59
MODEL	PP2 Super Pak	PP2 With Golden Commando	PP2 With SonoRamic Commando

## ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type	Inertia Follow-Through	
	Pinion meshes (front, rear)	Front	
	Number of teeth	Pinion	9
		Flywheel	172
	Flywheel tooth face width	.375	

## ELECTRICAL—IGNITION SYSTEM

Coil	Make	Auto-Lite			
	Model	CAH-4001 (Ballast Resistor)			
	Amps	Engine stopped	3.1		
Engine idling		2.5			
Distributor	Make	Auto-Lite			
	Model	IBP-4003P	IBS-4006 D	IBS-4006 E	
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	0 @ 590 - 810	0 @ 750 - 1050	0 @ 650 - 950
		Intermediate points deg. @ rpm	0 - 4 @ 810 7-11 @ 1200	0 - 5 @ 1050 9-13 @ 1620	0 - 8.5 @ 950 9-13 @ 1280
			Max deg. @ rpm	15 - 19 @ 4400	17 - 21 @ 4800
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	0 @ 4.5 - 6.6	0 @ 7.5 - 9.2	0 @ 7.2 - 8.9
		Intermediate points, deg @ in Hg	8 - 14 @ 9.5	9 - 15.5 @ 12	9 - 15 @ 12
			Max. deg. in. Hg.	17 - 23 @ 13.2	19 - 25 @ 16
		Breaker gap (in.)	.014 - .019	.014 - .019	.014 - .019
		Cam angle (deg.)	27 - 32	27 - 32 Each, Total 34 - 40	
	Breaker arm tension (oz.)	17 - 21.5	17 - 21.5	17 - 21.5	
Timing	Crankshaft deg. @ rpm.	10 BTC @ 500	10 BTC @ 500	5 BTC @ 500	
	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	Auto-Lite A42	Auto-Lite A32	Auto-Lite A32	
	Thread (mm)	14 mm			
	Tightening torque (lb. ft.)	30 - 32			
	Gap	.035			
Cable	Conductor type	Resistance			
	Insulation type	Syn. Rubber with Neoprene Jacket			
	Spark plug protector	Hypalon	Silicone		

## ELECTRICAL—SUPPRESSION

Locations & type	Resistance-Type Spark Plugs and Coil Leads
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# AMA Specifications – Passenger Car

MAKE OF CAR PLYMOUTH MODEL YEAR 1960 DATE ISSUED 9-15-59 REVISED 2-5-60  
 MODEL \_\_\_\_\_ All Models - PP1 and PP2

## ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	Make	Stewart Warner
	Trip odometer (yes, no)	No
Charge indicator—type		Indicator Light
Temperature indicator—type		Electric, Thermal
Oil pressure indicator—type		Indicator Light
Fuel indicator—type		Electric, Thermal
Other		None
Ignition switch	Identify positions in order and circuits controlled	Center Position - Off 1st Position Clockwise - Ignition and Accessory Circuit Only 2nd Position Clockwise - Starter and Ignition Circuit Only 1st Position Counterclockwise - Accessory Circuit Only
	Provision for illumination	Slot in Instrument Panel
	Location	Right of Steering Column
Main lighting switch	Identify positions and lights controlled	Full In - Off First Position Out - Instrument, Tail, Parking and License Plate Lamps Full Out - Instrument, Tail, Head, and License Plate Lamps
Other light switches	Locations and lamps controlled	Instrument Lamp Rheostat Control - Concentric with Head Lamp Switch, Variable all Instruments; Low Oil Pressure Switch - Engine; Dome Lamp - Manual Switch Concentric with Head Lamp Switch; Automatic Door Switch - Both Front Doors; Stop Lamp Switch - In Master Cylinder; Directional Signal Switch - Lever on Steering Column Below Wheel.
Other switches	Locations and devices controlled	Windshield Wiper Switch - One-Speed, Left of Steering Column (Variable Speed - Special Equipment) Heater Control - Two-Speed by Push Buttons Right of Steering Column Defroster Control - Push Button Right of Steering Column Air Vent - Push Button Right of Steering Column
Windshield wiper	Make	Auto-Lite or General Industries
	Type	Electric
	Vacuum booster provision	None
Horn	Washer provision	Optional (Foot-Operated)
	Type	Sea Shell
	Number used	2
	Amp draw (each)	9 - 10





# AMA Specifications – Passenger Car

MAKE OF CAR	PLYMOUTH		MODEL YEAR	1960	DATE ISSUED	9-15-59	REVISED	2-5-60
MODEL	PPI	PP2	PP2 Super Pak	PP2 - Golden Commando	PP2 - SonoRamic Commando			

## DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	(a) (b)	Borg & Beck Dry Plate	None	Borg & Beck (b) Dry Plate	None
Type pressure plate springs	Coil		---	Coil	---
Total plate pressure (lb.)	1417	1530	---	1929	---
No. of clutch driven discs	One		---	One	---
Clutch facing	Material	Molded Woven Asbestos		(c)	---
	Outside & inside dia.	9.25 x 6.0	10.0 x 6.75	11.0 x 6.5	---
	Total eff. area (sq.in.)	77.8	85.5	123.7	---
	Thickness	.125		.125	---
Release bearing	Engagement cushioning method	Flat Springs, Crimped		Flat Springs, Crimped	---
	Type & method of lubrication	Sealed Ball Bearing Permanently Lub.		(d)	---
Torsional damping	Methods: springs, friction material	Coil Springs		Coil Springs	---

## DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	Standard	N/A	Std.	N/A
Manual with overdrive (std. or opt.)	Not Available			
Automatic (std. or opt.)	T. F. 6 - Opt.	T. F. or P. F. - Opt.	T. F. - Opt.	T. F. - Std.

## DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	Three		---	Three	---	
Transmission ratios	In first	2.50	2.12	2.49	---	
	In second	1.68	1.43	1.59	---	
	In third	1.0		1.0	---	
	In fourth	---		---	---	
	In reverse	3.20	2.73	3.15	---	
Synchronous meshing, specify gears	2nd and 3rd		---	2nd and 3rd	---	
Lubricant	Capacity (pt.)	5.0		3.5	---	
	Type recommended	(e)		(e)	---	
	SAE viscosity number	Summer	SAE 80		SAE 80	---
		Winter	Above -10°F : SAE 80		See PP2	---
	Extreme cold	Below -10°F : SAE 75		See PP2	---	

(a) Auburn Dry Plate Clutch Also Used on PPI

Plate Pressure - 1464 lb  
Facing Thickness - .114

(b) PP2 and Golden Commando have Semi-Centrifugal Clutches.

(c) Molded Woven Asbestos.

(d) Sealed Ball Bearing, Permanently Lubricated.

(e) Multipurpose Gear Oil or Oil Conforming to API Service GL-4.

T. F. - TorqueFlite ; P. F. - PowerFlite; T. F. 6 - TorqueFlite Six.

# AMA Specifications – Passenger Car

MAKE OF CAR	PLYMOUTH	MODEL YEAR	1960	DATE: ISSUED	9-15-59	REVISED	
MODEL	PP1			PP2		Golden Commando	SonoRamic Commando
				Std.	Super Pak		

## 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	PowerFlite (a)	TorqueFlite and New 3-Speed Auto (b)																											
Type describe	Torque Converter with Auto- matic Gears; 2-Speed	Torque Converter with Auto- matic Gears; 3-Speed																											
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%; text-align: center;">R</td><td style="width: 15%;">Reverse</td><td style="width: 10%;">2.39</td></tr> <tr><td style="text-align: center;">N</td><td>Neutral</td><td style="text-align: center;">---</td></tr> <tr><td style="text-align: center;">D</td><td>Low-Drive</td><td style="text-align: center;">1.72 - 1.00</td></tr> <tr><td style="text-align: center;">L</td><td>Low</td><td style="text-align: center;">1.72</td></tr> </table>	R	Reverse	2.39	N	Neutral	---	D	Low-Drive	1.72 - 1.00	L	Low	1.72	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%; text-align: center;">R</td><td style="width: 15%;">Reverse</td><td style="width: 10%;">2.20</td></tr> <tr><td style="text-align: center;">N</td><td>Neutral</td><td style="text-align: center;">---</td></tr> <tr><td style="text-align: center;">D</td><td>1-2-Drive</td><td style="text-align: center;">2.45 - 1.45 - 1.00</td></tr> <tr><td style="text-align: center;">2</td><td>1-2</td><td style="text-align: center;">2.45 - 1.45</td></tr> <tr><td style="text-align: center;">1</td><td></td><td style="text-align: center;">2.45</td></tr> </table>	R	Reverse	2.20	N	Neutral	---	D	1-2-Drive	2.45 - 1.45 - 1.00	2	1-2	2.45 - 1.45	1		2.45
R	Reverse	2.39																											
N	Neutral	---																											
D	Low-Drive	1.72 - 1.00																											
L	Low	1.72																											
R	Reverse	2.20																											
N	Neutral	---																											
D	1-2-Drive	2.45 - 1.45 - 1.00																											
2	1-2	2.45 - 1.45																											
1		2.45																											
Max. upshift speeds—drive range	65	75      70      63																											
Max. kickdown speeds—drive range	65	65      70      60																											
Torque converter	Number of elements		Three																										
	Max. ratio at stall		2,2 @      2,2 @ 1895      2,2 @ 1900      2,2 @ 1810																										
Type of cooling (air, water)		Water																											
Lubricant	Capacity—refill (pt.)		13      P.F. - 20; T.F. - 19      22																										
	Type recommended		Automatic Transmission Fluid - Type A, Suffix A																										
Special transmission features	Spring-Loaded Hydraulic Valve to Prevent Accidental Reverse Engagements.																												

- (a) PowerFlite Available on PP2 - Sp. Equip.; N/A with 361-cu in. Engine. Rev. Form 3-59
- (b) TorqueFlite Standard on SonoRamic, Optional on PP2 and Golden Commando;  
TorqueFlite Six Available on PP1 as Special Equipment.

# AMA Specifications - Passenger Car

MAKE OF CAR	PLYMOUTH	MODEL YEAR	1960	DATE: ISSUED	9-15-59	REVISED	
MODEL	PPI				PP2		
				Std.	Super Pak		Commando

## DRIVE UNITS—PROPELLER SHAFT

Number used		One			
Type (exposed, torque tube)		Exposed			
Outer diameter x length* x wall thickness	Manual transmission	S&C: 2.75 x 55.0 St Wag: 3.00x59.0	S&C: 2.75 x 55.0 St Wag: 3.25x59.0	N/A	S&C: 2.75 x 54.96 St Wag: 3.25 x 58.96
	Overdrive transmission	---			
	Automatic transmission	S&C: 2.75 x 55.0 St Wag: 2.75x59.0	S&C: PF - 2.5x55.0, TF - 2.75x54.96 St Wag: PF-2.75x59.0, TF-2.75x58.96		S&C: TF-2.75x54.96 St Wag: TF-2.75x58.96
Inter-mediate bearing	Type (plain, anti-friction)	None			
	Lubrication (fitting, prepack)	---			
Universal joints	Make	Detroit Universal			
	Number used	Two			
	Type (ball and trunion, cross, other)	Front: Ball and Trunion 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: Torque-bias, 4-Pinion, Cam-Actuated Clutches Limit Diff. Action				
Drive Pinion Offset		1.5				
No. of differential pinions		Standard - 2, Sure-Grip - 4				
Gear ratio and No. of teeth	Automatic transmission	See Supplement to Page 15				
	Overdrive trans.	Not Applicable				
	Manual transmission	See Supplement to Page 15				
Ring gear pitch diameter & O.D.		8.25	8.75			
Pinion adjustment (shim, other)		Solid Shim (Washer)				
Pinion bearing adj. (shim, other)		Shims				
Wheel bearing type		Tapered Roller Bearing				
Lubricant	Capacity (pt.)	3.25	3.50			
	Type recommended	Multipurpose Gear Lubricant (a) (c)				
	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.

S & C - Sedans and Coupes; St. Wag - Station Wagons; PF - PowerFlite; TF - TorqueFlite.

(a) Or Lubricant designated API Service GL-4.

(b) When equipped with Sure-Grip Differential, only use MoPar Sure-Grip Differential Lubricant.

# AMA Specifications -- Passenger Car

Supplement to Page 15A

MAKE OF CAR PLYMOUTH MODEL YEAR 1960 DATE ISSUED 9-15-59 REVISED (•) 9-15-60

## AXLE RATIOS SUPPLEMENTARY INFORMATION

MODEL			PP1	PP2	PP2 - Commando	
					Golden	SonoRamic
Gear Ratio and No. of Teeth	(a) Manual 3-Speed Transmission	Std	3.54* (39-11)	3.58 (43-12)(b)	3.31 (43-13)	NA
		Opt	3.90 (39-10)	3.91 (43-11)	3.54** (39-11)	NA
	PowerFlite Transmission	Std	NA	3.31 (43-13)	NA	
		Opt	NA	3.54* (39-11)	NA	
	TorqueFlite Transmission	Std	---	2.93* (41-14)	3.31 (43-13)	
		Opt	---	3.31 (43-13)	2.93* (41-14)	
			---	3.54* (39-11)	3.54** (39-11) (c)	
	TorqueFlite Six Transmission	Std	3.31 (43-13)	NA		
		Opt	3.54* (39-11)	NA		

(a) NA with Super Pak on PP2

\* Also used with Sure-Grip Differential

\*\* Used with Sure-Grip Differential only

(b) Early-built cars 3.54\* (39-11).

(c) NA on later-built cars.

# AMA Specifications – Passenger Car

MAKE OF CAR	PLYMOUTH	MODEL YEAR	1960	DATE: ISSUED	9-15-59	REVISED	
MODEL	PP1 Exc. Suburban	PP1 Suburban	PP2 Exc. Suburban	PP2 Suburban			

## DRIVE UNITS—WHEELS

Type & material	Disc, Pressed Steel		
Rim (size and flange type)	14 x 5K; 14 x 5.5K Optional (a)		
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	7.50 x 14; 8.00 x 14 Optional (a)		
	Type - Nylon, etc.	Rayon		
Rev/mile at	30 mph.	775		
Inflation press.(cold)	Front	22		24
	Rear	22	24	22 24

## BRAKES—SERVICE

Type (duo-servo, balanced, self adjusting, etc.)	Hydraulic, Internal-Expanding, Contoured Variable Depth Web, Three Platform, Total-Contact Brake Shoes						
Power brake make & type (remote, integral, etc.)	Pedal Assist, Vacuum - Optional						
Effective area (sq. in.)*	184	207	184	207			
Gross lining area (sq. in.)**	184	207	184	207			
Percent brake effectiveness—front	60						
Drum	Diameter	Front	11				
		Rear	11				
	Type and material	Centrifuse					
	Bonded or riveted	Bonded					
Brake lining	Front Shoe	Material	Molded Asbestos				
		Size (length x width x thickness)	Front wheel	11.5 x 2.0 x 0.20	11.5 x 2.5 x 0.20	11.5 x 2.0 x 0.20	11.5 x 2.5 x 0.20
			Rear wheel	11.5 x 2.0 x 0.20			
		Segments per shoe	One				
	Rear Shoe	Material	Molded, Asbestos				
		Size (length x width x thickness)	Front wheel	11.5 x 2.0 x 0.20	11.5 x 2.5 x 0.20	11.5 x 2.0 x 0.20	11.5 x 2.5 x 0.20
Rear wheel			11.5 x 2.0 x 0.20				
	Segments per shoe	One					
Wheel cylinder bore	Front	1.125					
	Rear	1.125					
Master cylinder bore	1.125						
Available pedal travel	6; With Power Brakes: 4.63						
Line pressure at 100 lb. pedal load	650 psi; With Power Brakes: 1210						
Shoe clearance adjustment	No Major Adjustment Required						

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

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

- a) 8.00 x 14 W/6K Wheels Standard on 3-Seat Suburban; 4 - 8.00 x 14 Captive Air Tires W/6K Wheels Optional with 3-Seat Suburban or Standard Equipment with Lock Luggage Package on all Suburbans.

# AMA Specifications—Passenger Car

<b>MAKE OF CAR</b>	PLYMOUTH	<b>MODEL YEAR</b>	1960	<b>DATE ISSUED</b>	9-15-59	<b>REVISED</b>	
				PP1 and PP2 - All Models (a)			
<b>MODEL</b>		Manual Transmission	Automatic Transmission				

## BRAKES—PARKING

<b>Type of control</b>		Foot-Operated, Multiple-Pawl Ratchet	
<b>Location of control</b>		Under Instrument Panel, Left of Steering Column	
<b>Operates on</b>		Transmission Output Shaft	
<b>If separate from service brakes</b>	<b>Type (internal or external)</b>	External	Internal
	<b>Drum diameter</b>	6	7
	<b>Lining size (length x width x thickness)</b>	16.68 x 2.0 x 0.16	2-Shoes, Each: 6.53 x 2.0 x 0.16

## FRAME or UNITIZED CONSTRUCTION

<b>Type and description</b>	Unit Construction
-----------------------------	-------------------

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

<b>Provision for car leveling</b>	(b)	Mechanical, by Manual Adjustment of Torsion Bar Anchor Bolt
<b>Provision for brake dip control</b>		By Inclined Front Upper Control Arms and Unsymmetrical Rear Springs
<b>Provision for acc. squat control</b>		By Unsymmetrical Rear Springs
<b>Special provisions for car jacking</b>		None
<b>Shock absorber front &amp; rear</b>	<b>Type</b>	Direct
	<b>Make</b>	Own
	<b>Piston dia.</b>	1.0 (c)
<b>Other special features</b>		Front Torsion Bars are Combined with Outboard-Mounted, Highly Unsymmetrical Semi-Elliptical Rear Leaf Springs

## SUSPENSION—FRONT

<b>Type and description</b>	Independent, Lateral, Non-Parallel Control Arms with Torsion Bars
-----------------------------	---

(Continued)

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- (a) Golden Commando uses Internal Type Brake on both Automatic and Manual Transmissions.
- (b) Front Only.
- (c) With Heavy Duty Suspension - 1.38".

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

# AMA Specifications – Passenger Cars

MAKE OF CAR PLYMOUTH MODEL YEAR 1960 DATE ISSUED 9-15-59 REVISED \_\_\_\_\_  
PP1 PP2  
 MODEL \_\_\_\_\_ Exc. Suburban Suburban Exc. Suburban Suburban

## SUSPENSION FRONT (cont.)

Spring	Type	Torsion			
	Material	Chromium-Alloy Steel			
	Size (coil design height & I.D.; bar length x dia.)	40 x 0.970	40 x .990	40 x .990	40 x .990 (a)
	Spring rate (lb. per in.)	Not Applicable			
	Rate at wheel (lb. per in.) (b)	120	130	130	130 (a)
	Design load (lb. @ design height)	Not Applicable			
Stabilizer	Type (link, linkless, frameless)	Link Type (Sway Bar on 9-Passenger Suburban Only)			
	Material & bar diameter	Steel - .75			

## STEERING

Mechanical (std., opt., NA)		Standard					
Power (std., opt., NA)		Optional					
Wheel diameter		Standard - 17.14 x 16.07; Deluxe (P.S. only) - 17.24 x 14.6; Deluxe (NA W/PS) - 17.24 x 16.06					
Turning diameter	Outside front	Wall to wall (l. & r.)	45.3'	46.7'	45.3'	46.7'	
		Curb to curb (l. & r.)	42.3'	43.7'	42.3'	43.7'	
	Inside rear	Wall to wall (l. & r.)	25.0'	26.4'	25.0'	26.4'	
		Curb to curb (l. & r.)	26.0'	27.2'	26.0'	27.2'	
Outside wheel angle with inside wheel at 20°		18° 42'					
Mechanical	Gear	Type	Worm and Three-Tooth Roller				
		Make	Own				
		Ratios	Gear	20.4 to 1			
	Overall		30.16 to 1				
No. wheel turns		5.45					
Power	Type (coaxial, linkage, etc.)		Integral				
	Make		Own				
	Trade name		Constant-Control				
	Gear	Type	Rack & Sector				
		Ratios	Gear	15.7			
			Overall	19.15			
	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) 40 x .97 on 9-Pass. Sub. Package - Rate at Wheel:

120

(Continued)

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(b) Less Tires.

# AMA Specifications – Passenger Car

MAKE OF CAR	PLYMOUTH	MODEL YEAR	1960	DATE: ISSUED	9-15-59	REVISED	
MODEL	PP1 Except Suburban	PP1 Suburban	PP2 Except Suburban	PP2 Suburban			

## 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.)		Mechanical Steering: - 1/2° ± 1/2° 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 Leaf					
Drive and torq. taken through (see page 15)		Rear Springs					
Spring	Type	Semi-Elliptical					
	Material	Steel					
	Size (length x width, coil design height and I.D.; bar length & dia.)	55 x 2.5	57 x 2.5	55 x 2.5	57 x 2.5		
	Spring rate (lb. per in.)	88-98	120-130	90-100	120-130		
	Rate at wheel (lb. per in.)	130	165	135	165		
	Design load (lb. at design height)	(a)	(b)	(a)	(b)		
	Mounting insulation type		Rubber				
	If leaf	No. of leaves	4	6	5	6	
		Inserts	Type and size	2@2.5;2@3.5	3@2.5;3@3.5	2@2.5;2@3.5	3@2.5;3@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					

- (a) R: 680 L: 720 @ -.375
- (b) 4-Door - R: 1000; L: 1040 @ -.375
- 2-Door - R: 960; L: 1000 @ -.375

# AMA Specifications – Passenger Car

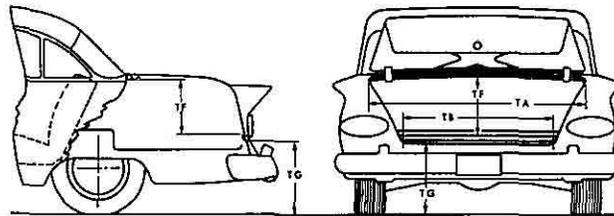
MAKE OF CAR PLYMOUTH MODEL YEAR 1960 DATE ISSUED 9-15-59 REVISED 2-5-60

## 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

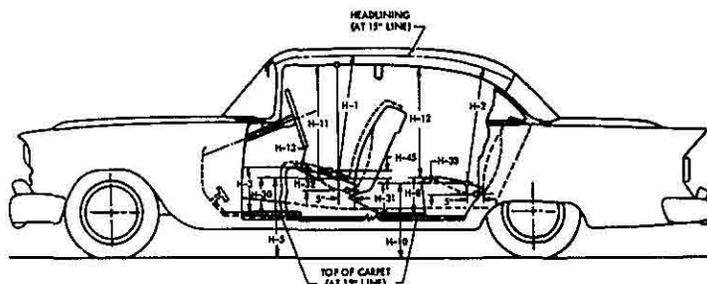


MODEL	PP1, PP2			
	4-Dr. Sedan	4-Dr. H. T.	2-Dr. H. T.	Conv.
Usable trunk luggage capacity (See Section E-1 of SAE Automotive Drawing Standards)	16.8		17.8	14.1
Total trunk volume in cu. ft. with spare tire in place	31.0		32.3	29.3
TA—Width across the top	64.1			
TB—Width across the bottom	60.1			
TF—Vertical dimension at C/L from bottom to top of opening	7.6			
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 PLYMOUTH MODEL YEAR 1960 DATE ISSUED 9-15-59 REVISED (●) 4-15-60

## BODY—HEIGHT DIMENSIONS—INTERIOR



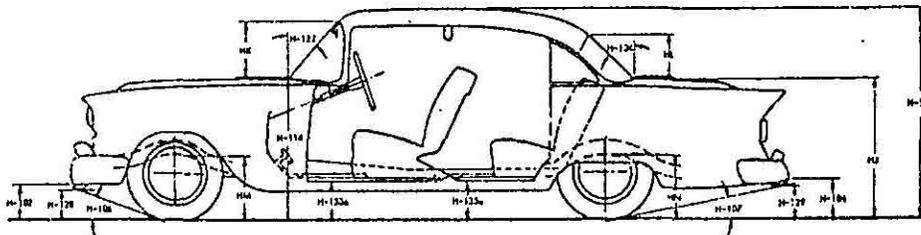
MODEL	PPI, PP2				
	4-Dr. Sdn.	4-Dr. H.T.	2-Dr. H.T.	Conv.	Suburbans
H1. Front headroom. Free "A" pt. to headlining at 8° back of vertical. (For "A" pt. see note 3, page 20)	33.3	33.6	33.5	34.6	33.9
H2. Rear headroom. Free "A" pt. to headlining at 8° back of vertical	33.5	32.3	33.4 (a)	34.8	33.1
H3. Front cushion height above floor carpet at front edge of cushion. (Ignore risers)	11.9				
H5. Free "A" pt. to ground, front. Measured vertically	21.5				21.8
H8. Rear cushion height above floor carpet at front edge of cushion. (Ignore risers)	13.3		11.9		15.3
H10. Free "A" point to ground rear. Measured vertically	19.2		18.1		20.6
H11. Entrance, front. Free "A" point to bottom of windcord, vertical	28.8		28.5		28.8
H12. Entrance, rear. Top of cushion to bottom of windcord at front edge of rear seat	26.8	26.2	---		26.8
H13. Steering wheel clearance to seat cushion taken on arc (wheel turned for min. clearance)	5.5				
H30. Free "A" point reference height, front. Vertical dimension to SAE horizontal reference line	10.0				
H31. Free "A" point reference height, rear. Vertical dimension to SAE horizontal reference line	8.8		7.8		10.1
H32. Front seat cushion deflection. Vertical dimension from free "A" point to depressed "A" point	4.5				
H33. Rear seat cushion deflection. Vertical dimension from free "A" point to depressed "A" point	4.5				
H45. Front seat maximum vertical rise at free "A" point	1.3				

● (a) 32.0 for models with large rear window.

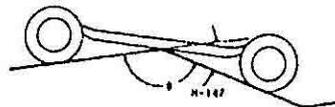
# AMA Specifications— Passenger Car

MAKE OF CAR PLYMOUTH MODEL YEAR 1960 DATE: ISSUED 9-15-59 REVISED 2-5-60

## BODY—HEIGHT DIMENSIONS—EXTERIOR



H - INCLUDED RAMP ANGLE  
H-147 - RAMP BREAKOVER ANGLE  
(DIFFERENCE OF INCLUDED RAMP ANGLE)



NOTE: For dimensions to lamps see page 12.

MODEL	PP1, PP2				
	4-Dr. Sdn.	4-Dr. H.T.	2-Dr. H.T.	Conv.	Suburbans
H101. Overall height, full design load	54.6 (a)		54.5 (a)	54.9	55.4
H8. Overall height, curb weight	56.7		56.5	56.7	57.9
H102. Front bumper bottom to ground at normal section, min. height			11.7		12.5
H104. Rear bumper bottom to ground at normal section, min. height			11.2		11.0
H106. Angle of approach. To interfering point on bumper, guard, other			19.4°		20.7°
H107. Angle of departure. To interfering point on bumper, guard, other			10.9°		10.4°
H114. Hood at rear to ground. Vertical dimension C/L, excluding molding, at hood opening line at cowl			38.9		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	57° 25'		61° 30'	59°	40° 30'
H128. Bottom of front bumper guard to ground			17.6		18.3
H129. Bottom of rear bumper guard to ground			NA		
H133a. Bottom of front door to ground, min. dimension	14.1		14.0		14.5
H135a. Bottom of rear door to ground, min. dimension	13.7		---	---	13.8
H147. Ramp breakover angle			12.6°		13.0°
H153. Min. road clearance at rear axle			7.2 (PP1); 6.9 (PP2)		7.0 (b)
H156. Min. road clearance and location (c)			5.0		5.1
HJ. Deck at rear window to ground			37.5		---
HK. Windshield DLO*. Vertical height at C/L			14.7		
HL. Back light DLO*. Vertical height at C/L	11.2	14.8	10.3 (d)	11.2	10.9
HM. Bottom of frame to ground at C/L of front axle, min. height			12.3		12.9
HN. Bottom of frame to ground at C/L of rear axle, min. height.			17.6		17.7

\* See Note, page 20

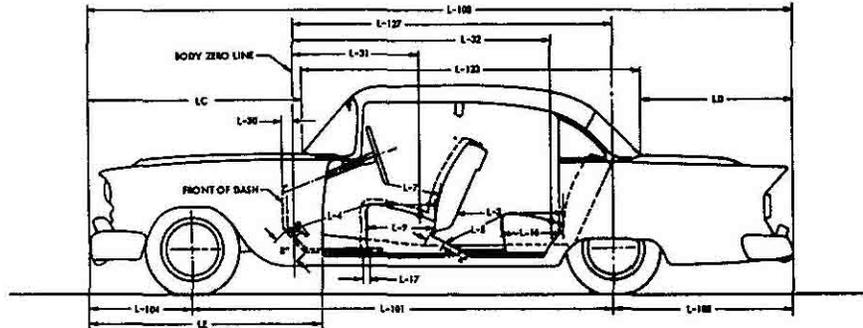
- (a) PP1: 4-Dr. Sdn. & 4-Dr. H.T. - 54.8; 2-Dr. H.T. - 54.6.
- (b) PP1: 7.2
- (c) At Muffler.
- (d) With High Backlight - 13.4

# AMA Specifications—Passenger Car

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MAKE OF CAR PLYMOUTH MODEL YEAR 1960 DATE: ISSUED 9-15-59 REVISED 2-5-60

## BODY—LENGTH DIMENSIONS



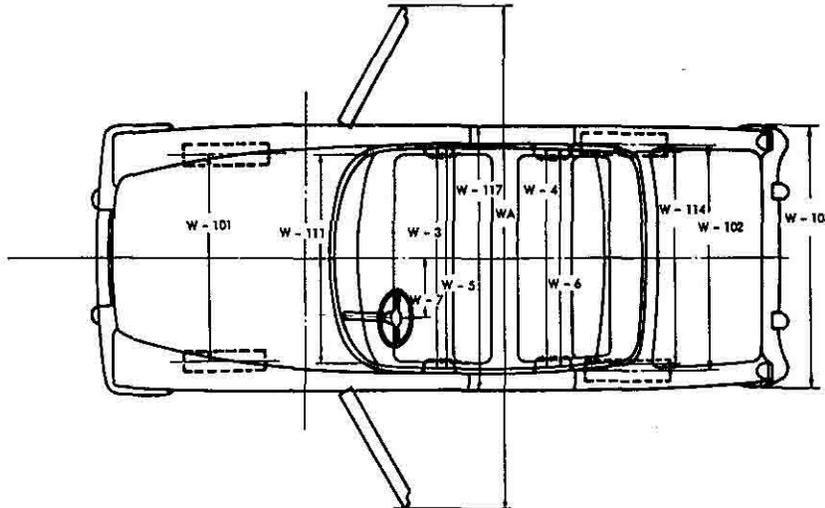
MODEL		PPI, PP2			
		4-Dr. Sdn.	4-Dr. H.T.	2-Dr. H.T.	Conv.
Interior	L3. Rear compartment room. Back of front seat back to front of rear seat back	27.9	25.5		29.7
	L4. Leg room, front. Ball of foot to top of seat to seat back	45.3			
	L5. Leg room, rear. Ball of foot to top of seat to seat back	42.1	35.8		42.5
	L7. Steering wheel clearance to seat back taken on arc	15.8			
	L9. Front seat depth. Front edge to vert. tan. of seat back	18.1			
	L16. Rear seat depth. Front edge to vert. tan. of seat back	17.2	17.5		
	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	38.3			
L32. Vertical body zero line to free "A" point, rear	72.7	69.9		75.7	
Exterior	L101. Wheelbase	118.0		122.0	
	L103. Overall length. Incl. bumper guards if standard equipment	209.4		214.9	
	L104. Overhang, front. Include bumper guards if stand. eq.	33.2			
	L105. Overhang, rear. Include bumper guards if stand. eq.	58.2		59.7	
	L123a. Body upper structure length at C/L, excl. molding	105.1	104.7	105.2	---
	L127. Vertical body zero line to centerline of rear wheels	98.0		102.0	
	LC. Front of car to base windshield, excl. molding	57.5			
	LD. Rear of car to base of rear window or upper structure, excl. molding	46.8	47.2	46.7	---
LE. Front of car to front edge of front door	61.8				

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

# AMA Specifications—Passenger Car

MAKE OF CAR PLYMOUTH MODEL YEAR 1960 DATE ISSUED 9-15-59 REVISED 2-5-60

## BODY—WIDTH DIMENSIONS

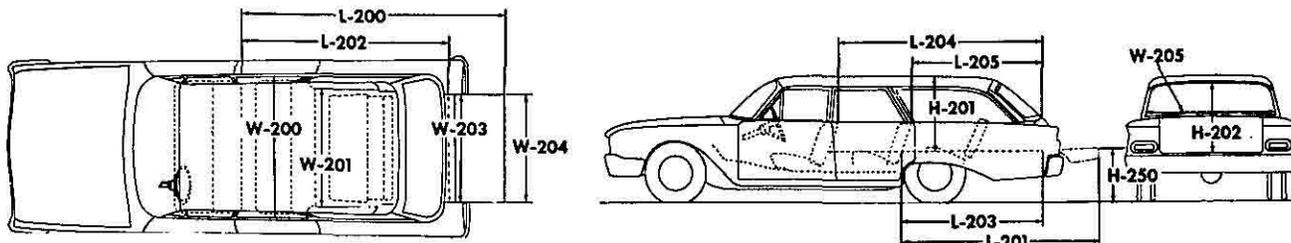


MODEL		PP1, PP2				
		4-Dr. Sdn.	4-Dr. H.T.	2-Dr. H.T.	Conv.	Suburbans
Interior	W3. Front shoulder room, at garnish molding height or nearest interference 5" forward of seat back	60.4				
	W4. Rear shoulder room, at garnish molding height or nearest interference 5" forward of seat back	59.8	59.2	56.0	59.8	
	W5. Front hip room, at top of seat 5" forward of vert. tan. to seat back	63.8				
	W6. Rear hip room, at top of seat 5" forward of vert. tan. to seat back	62.9	60.5	55.0	62.2	
	W7. Steering wheel center (on surface plane of wheel) to C/L of body	16.1				
Exterior	W101. Front tread at ground	60.9				
	W102. Rear tread at ground	PP1 - 59.6; PP2 - 59.7				
	W103. Max. overall width of car including bumpers or moldings	78.6				
	WA. Max. overall width of car with doors open (2 & 4 door)	154.0	167.8	154.0		
	W111. Windshield DLO, max. width	58.9				
	W114. Back window DLO, max. width	59.8	57.1	57.6	48.6	
	W117. Max. body width at center pillar, less hardware and applied moldings	76.0	75.8			

# AMA Specifications – Passenger Car

MAKE OF CAR PLYMOUTH MODEL YEAR 1960 DATE: ISSUED 9-15-59 REVISED (●) 4-15-60

## 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	PP1, PP2
L200 Floor length from back of front seat at floor level to end of lowered tail gate	121.3
L201 Floor length from back of second seat at floor level to end of lowered tail gate	86.0
L202 Floor length from back of front seat at floor level to inside of closed tail gate	100.7
L203 Floor length from back of second seat at floor level to inside of closed tail gate	65.4
L204 Minimum horizontal distance from top rear of front seat back to inside of top of tail gate	86.1
L205 Minimum horizontal distance from top rear of second seat back to inside of top tail gate	50.5
W200a Maximum width of cargo space at floor, specify location	62.0 Immed. Ahead of Wheelhouse
W201 Minimum distance between wheel houses at floor level	45.8
W203 Rear end opening width at floor	49.2
W204 Rear end opening width at top of tail gate	49.2
W205 Maximum width of rear opening above raised tail gate	48.2
H201 Maximum height, floor covering to headlining	31.8
H202 Maximum height of rear opening, tail and lift gates open	27.3
H250 Platform height measured from ground to top of tail gate floor covering at rear most edge of tail gate, curb weight	27.7
Third Seat, facing direction	Rearward
Tail and lift gates or sliding glass	Sliding Glass

# AMA Specifications -- Passenger Car

MAKE OF CAR PLYMOUTH MODEL YEAR 1960 DATE ISSUED 9-15-59 REVISED 2-5-60  
 MODEL PP1, PP2 4-Dr. 600. 4-Dr. 111 2-Dr. 111 Conv. 2-Dr. Sub 4-Dr. Sub.

## BODY—MISCELLANEOUS INFORMATION

Drs, hinged (front, rear)	Front doors	Front
	Rear doors	Front
Type of finish (lacquer, enamel, other)		Synthetic Enamel
Hood hinge location (front, rear)		Rear
Hood counterbalanced (yes, no)		Yes
Hood release control (internal, external)		External
Vehicle (Serial) No. Location		Left Front Door Hinge Pillar, Lower
Engine No. Location		Same as Vehicle No. on Sixes; Top Front Center of Block on V-8s
Theft protection - type		Ignition Key Start; Ign. Switch Terminal Block; Door Locks
Vent window control method (crank, friction pivot)	Front	Friction Pivot
	Rear	
Seat spring type (coil, zigzag, etc.)		Formed Wire (a)
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	1148	1194 1274 1054 2578 2563
Windshield glass exposed surface area		1575
Backlight glass exposed surface area	1344	1952 1299(b) 1040 760
Total glass exposed surface area	4067	4721 4148(c) 3669 4913 4898

## BODY—TYPES AND STYLE NAMES—

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

BODY STYLES:	CODES					
	Savoy, Deluxe Suburban 6	Belvedere, Custom Suburban 6	Fury, Sport Suburban 6	Savoy, Deluxe Suburban V-8	Belvedere, Custom Suburban V-8	Fury, Sport Suburban V-8
Club Sedan 2-Door, 6-Pass.	PP1-L-21	PP1-M-21		PP2-L-21	PP2-M-21	
Hardtop 2-Door, 6-Pass.		PP1-M-23	PP1-H-23		PP2-M-23	PP2-H-23
Suburban 2-Door, 6-Pass.	PP1-L-25			PP2-L-25		
Convertible Coupe 2-Door, 6-Pass.						PP2-II-27
Sedan 4-Door, 6-Pass.	PP1-L-41	PP1-M-41	PP1-H-41	PP2-L-41	PP2-M-41	PP2-II-41
Hardtop 4-Door, 6-Pass.			PP1-H-43			PP2-II-43
Suburban 4-Door, 6-Pass.	PP1-L-45	PP1-M-45		PP2-L-45	PP2-M-45	PP2-H-45
Suburban 4-Door, 9-Pass.					PP2-M-45	PP2-H-45

(a) Rear Cushion & 2-Door Cushion Back - Cone Coil.

(b) PP2-II, 1905.

(c) PP2-H, 4754.



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