

# AMA Specifications – Passenger Car

Data prepared and distributed by American automobile manufacturers, using uniform questionnaire form developed by car manufacturers under auspices of the Automobile Manufacturers Association.

MAKE OF CAR **PLYMOUTH** MODEL YEAR **1958** DATE ISSUED **Sept. 1957** REVISED **Feb 1958**  $\emptyset$

COMPANY **PLYMOUTH DIVISION, CHRYSLER CORPORATION, DETROIT 31, MICHIGAN**

MODEL NAME	6-Cylinder	SYMBOL	MODEL NAME	8-Cylinder	SYMBOL
Plaza . . . . .		LPI-L	Plaza . . . . .		LP2-L
Savoy . . . . .		LPI-M	Savoy . . . . .		LP2-M
Belvedere . . . . .		LPI-H	Belvedere . . . . .		LP2-H
			Fury . . . . .		LP2-H

Golden Commando (Engine & Chassis Package)

## TABLE OF CONTENTS

General Specifications . . . . .	1	Brakes . . . . .	15	Station Wagon . . . . .	24
Engine - Mechanical . . . . .	2	Front Suspension & Steering . . . . .	16	Body & Car - General . . . . .	25
Electrical . . . . .	8	Rear Suspension . . . . .	18	Weights . . . . .	26
Drive Units . . . . .	12	Body Dimensions . . . . .	19	Index . . . . .	27

### NOTES:

1. The specifications set forth herein are those in effect at the date of compilation and are subject to change without notice.

UNLESS OTHERWISE INDICATED:

- All specifications are standard for the models under which they are listed.
- Specifications apply basically to 4-door sedan or equivalent. Body dimensions shown on pages 19-24 include other body models available.
- All dimensions are nominal engineering dimensions.

## GENERAL SPECIFICATIONS

MODEL	Additional Information Page No.:	LPI Except Suburban	LPI Suburban	LP2 Except Subr & Fury	LP2 Suburban	LP2-H Fury	Golden Commando Package (a)(b)	
Wheelbase (L-101)	22	118	122	118	122	118	Not applicable	
Tread	Front (W-101)	60.9					"	"
	Rear (W-102)	59.6		59.7		59.6	"	"
Maximum Overall Dimensions	Length (L-103) (C)	206.0	213.3	206.0	213.3	206.0	"	"
	Width (W-103)	79.3	79.1	79.3	79.1	79.3	"	"
	Height (H-101)	56.6	56.9	56.6	56.9	54.1	"	"
Transmission— (Specify trade name - opt., not available)	Manual	Standard						
	Overdrive	Optional					None	
	Automatic	PowerFlite Optional		*PF or TF Optional		TorqueFlite Optional		
Axle ratio	Manual	3.73			3.54		3.73	
	Overdrive	4.1		3.91		None		
	Automatic $\emptyset$	3.73		3.31PF* TF*(f) $\emptyset$		3.31		
Tire size	15	7.50x14	(e)	7.50x14	(e)	8.00 x 14	Not applicable	
Engine	Type, no. cyl., valve arr.	Inline, 6, L-head		90° V-8, OHV, Lateral		90° V-8 OHV, Inline		
	Fuel system (Carb. or Inj.)	Carbureted					(a) (b)	
	Bore and stroke	3.25 x 4.63		3.91 x 3.31		4.06 x 3.38		
	Piston displ., cu. in.	230		318		350		
	Std. compression ratio	8.0		9.0		9.25		
	Max. bhp at engine rpm $\emptyset$	132 at 3600		225 at 4400 (d)		290 at 5200 (a) (b)		
Max. torque at rpm $\emptyset$	205 at 1200		330 at 2800 (d)		830 at 3600 (a) (b)			

\*PF- PowerFlite TF-TorqueFlite.

Rev. Form 6-57

- Carbureted package available on all V-8 models; bhp 305 at 5000 rpm, torque 370 at 3600 rpm  $\emptyset$
- Fuel-injected package available on all V-8 models except Suburbans; bhp 315 at 5000 rpm  $\emptyset$  torque 370 at 3600 rpm  $\emptyset$
- Without guards; Suburbans 213.1; all others 204.6, except Fury on which guards are std.
- With Power pak; bhp 250 at 4400 rpm; torque 340 at 2800 rpm.  $\emptyset$
- 7.50 x 14 except 9-passenger Suburban; 8.00 x 14. (f) 2.93 or 3.15.  $\emptyset$

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	PLYMOUTH	<b>MODEL YEAR</b>	1958	<b>DATE ISSUED</b>	Sept. 1957	<b>REVISED</b>	Feb. 1958
<b>MODEL</b>	LP1	Exo. Fury	Fury	LP2	Golden Commando Package		

## ENGINE—GENERAL

Type, no. cyls., valva arr.		In-line 6, L-head	90° V-8, OHV, Lateral	90° V-8, OHV, In-line
Bore and stroke		3.25 x 4.63	3.91 x 3.31	4.06 x 3.38
Piston displacement, cu. in.		230	318	350
Bore spacing (C/L to C/L)		(a)	4.46	4.80
No. system (front to rear)	L. Bank	Not applicable		1 - 3 - 5 - 7
	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	8.0	9.0	9.25
	Optional	None		
Cylinder Head Material	Standard	Cast iron		
	Optional	None		
Cylinder Sleeve - Wet, dry, none		None		
Number of mounting points	Front	Two		
	Rear	One		
Taxable horsepower $\frac{\text{Dia.}^2 \times \text{No. Cyl.}}{2.5}$		25.3	48.9	52.7
Published max. bhp at engine RPM*	Standard $\phi$	132 @ 3600	225 @ 4400	290 @ 5200
	Optional $\phi$	None	Power Pak: 250 @ 4400	None
Published max. torque* (lb. ft. @ RPM)	Standard $\phi$	205 @ 1200	330 @ 2800	330 @ 3600
	Optional $\phi$	None	Power Pak: 340 @ 2800	None
Recommended fuel regular - premium	Standard	Regular		Premium
	Optional	---	Premium w/Power Pak	
Recommended Idle speed (neutral)		450 - 500		

## ENGINE—PISTONS

Material	Aluminum Alloy		
Description and finish	U-slot, elliptically-turned, tin plated	Thermally controlled by steel band, horizontal slot, elliptically-turned, tin plated	
Weight (piston only) oz.	15.8	21.0	24.5

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

(Continued)

Rev. Form 6-57

(a) 3.5625 except 3.875 between 2-3 and 4-5:

# AMA Specifications - Passenger Car

<b>MAKE OF CAR</b>	PLYMOUTH	<b>MODEL YEAR</b>	1958
		<b>DATE ISSUED</b>	Sept. 1957
		<b>REVISED</b>	Feb. 1958
<b>MODEL</b>	LP1	LP2	Golden Commando Package

## ENGINE PISTONS (Cont.)

<b>Clearance (limits)</b>	Top land	.030	.032	.042 - .047
	Skirt	Top	.0002 - .0012 (b) $\phi$	.00075 - .00125
		Bottom	---	---
<b>Ring groove depth</b>	No. 1 ring	.17		.21
	No. 2 ring	.17		.21
	No. 3 ring	.17		.20
	No. 4 ring	.17		None

## ENGINE-RINGS

<b>Function (top to bottom)</b>	No. 1, oil or comp.	Compression		
	No. 2, oil or comp.	Compression		
	No. 3, oil or comp.	Oil		
	No. 4, oil or comp.	Oil	None	
<b>Compression</b>	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, standard taper, standard twist, tin plated
	Width	.093	.078	
	Gap	.010 - .020		.013 - .025
<b>Oil</b>	Description - material, type, coating, etc.	Cast iron, single-piece unit		
	Width	.155	.186	.188
	Gap	.010 - .020		.013 - .025
<b>Expanders</b>	None	Low tension, hump type	Standard tension, hump	

## ENGINE-PISTON PINS

<b>Material</b>		High-manganese steel		
<b>Length</b>		2.75	3.00	3.44
<b>Diameter</b>		.859	.984	1.094
<b>Type</b>	Locked in rod, in piston, floating, etc.	Floating		Press-fit in rod
	Bushing	In rod or piston	Rod	
		Material	Bronze on steel	
<b>Clearance</b>	In piston	.0000 - .0005		.00015 - .00065
	In rod	.0001 - .0002	.0001 - .0004	.0007 - .0012 Interference
<b>Direction &amp; amount offset in piston</b>		None		.00 Right

## ENGINE-CONNECTING RODS

<b>Material</b>		High-manganese forging steel		Drop-forged steel
<b>Weight (oz.)</b>		27.9	25.6	28.6
<b>Length (center to center)</b>		7.81	6.12	6.36
<b>Bearing</b>	Material & Type	Bi-metal grid. Removable, precision type (a)		
	Overall length	1.00	.843	.927
	Clearance (limits)	.0005 - .0015	.0002 - .0022	.0005 - .0015
	End play	.006 - .011	.006 - .014 (both rods)	.009 - .017

(a) "Up To" models (318 engine only) Removable, precision, lead-base babbitt on steel.

(b) Measured 3/4" from bottom  $\phi$

# AMA Specifications – Passenger Car

MAKE OF CAR	PLYMOUTH	MODEL YEAR	1958
		DATE: ISSUED	Sept. 1957
		REVISED	Feb. 1958 $\emptyset$
MODEL	LP1	LP2	Golden Commando Package

## ENGINE—CRANKSHAFT

Material		Drop-forged steel			
Vibration damper type		None on LP1-L Plaza; all other models - Rubber-dynamic			
End thrust taken by bearing (No.)		#4-Rear	#3-Center		
Crankshaft end play		.002 - .007	.002 - .007		
Main bearing	Material & type		Lead-base babbitt on steel. (a) Removable, precision type		
	Clearance		.0005 - .0015		
	Journal dia. and bearing overall length	No. 1	2.50 x 1.24	2.50 x .872	2.63 x .94
		No. 2	2.50 x 1.03	2.50 x .872	2.63 x .94
		No. 3	2.50 x 1.03	2.50 x 1.15 (a)	2.63 x 1.22 (a)
		No. 4	2.50 x 1.87 (a)	2.50 x .872	2.63 x .94
		No. 5	None	2.50 x 1.56	2.63 x .94
		No. 6	None		
No. 7		None			
Dir. & amt. cyl. offset		Left 0.125	None		
Crankpin journal diameter		2.06	2.12	2.38	

## 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			
Bearings	Material	(b)	Lead-base babbitt on steel		
	Number	4	5		
Type of drive	Gear or chain		Chain		
	Crankshaft gear or sprocket material		High-manganese steel		
	Camshaft gear or sprocket material		Cast iron		
	Timing chain	No. of links	48	68	50
		Width	1.02	.875	
		Pitch	.50	.38	.50

## ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		NA	Std	
Special provision for valve rotation (intake, exhaust)		None	Low-friction lock on exhaust	
Rocker ratio		Not applicable	1.50 to 1	
Operating tappet clearance (indicate hot or cold)	Intake	.010 (Hot)	$\emptyset$ .010 (Hot)	Not applicable
	Exhaust	.010 (Hot)	.018 (Hot)	Not applicable
Timing marks on fly-wheel, damper, other		Vibration damper ( )	Fan drive pulley	Vibration damper

- (a) Thrust bearings are tin-base babbitt on steel.
- (b) #1, #2, #3 - lead-base babbitt on steel; #4 - cast iron (bored in block).
- (c) Fan drive pulley on LP1-L Plaza.

(Continued)

Rev. Form 6-57

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	PLYMOUTH	<b>MODEL YEAR</b>	1958
		<b>DATE ISSUED</b>	Sept. 1957
<b>MODEL</b>	LP1	LP2 Except Fury	LP2-H Fury
			REVISÉ Feb 1958 Golden Commando Package

## ENGINE—VALVE SYSTEM (cont.)

		LP1	LP2 Except Fury	LP2-H Fury	Golden Commando Package	
<b>Timing</b>	Intake	Opens (°BTC)	12	8	17	20
		Closes (°ABC)	44	52	47	60
		Duration - deg.	236	240	244	260
	Exhaust	Opens (°BBC)	50	52	55	58
		Closes (°ATC)	6	8	9	22
		Duration - deg.	236	240	244	260
	Valve opening overlap		18°	16°	26°	42°
Material		Silicon-chromium steel				
Overall length		4.84		4.60	4.78	
Actual overall head dia.		1.53		1.84	1.95	
Angle of seat				45°		
Seat insert material		None				
Stem diameter		.34		.37		
Stem to guide clearance		.001 - .003		.002		
Lift		.365		.405	.390	
<b>Intake</b>	Outer spring press. and length	Valve closed (lb. @ in.)	42 @ 1.75	72 @ 1.69	100 @ 1.86	
		Valve open (lb. @ in.)	115 @ 1.38	166 @ 1.31	195 @ 1.41	
	Inner spring press. and length	Valve closed (lb. @ in.)	None			
		Valve open (lb. @ in.)	None			
	Material		XCR Chr-Ni-Steel		21-4N Chromium Steel	
	Overall length		4.89		4.58	4.78
Actual overall head dia.		1.41		1.56	1.60	
Angle of seat				45°		
Seat insert material		Alloy iron		None		
Stem diameter		.34		.37		
Stem to guide clearance		.003 - .005		.002	.003	
Lift		.365		.405	.390	
<b>Exhaust</b>	Outer spring press. and length	Valve closed (lb. @ in.)	42 @ 1.75	72 @ 1.69	100 @ 1.86	
		Valve open (lb. @ in.)	115 @ 1.38	166 @ 1.31	195 @ 1.41	
	Inner spring press. and length	Valve closed (lb. @ in.)	None			
		Valve open (lb. @ in.)	None			

## ENGINE—LUBRICATION SYSTEM

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

(Continued)

Rev. Form 6-57

# AMA Specifications – Passenger Car

MAKE OF CAR	PLYMOUTH	MODEL YEAR	1958	DATE ISSUED	Sept. 1957	REVISED	Feb. 1958
MODEL	LP1	LP2	Except Fury	LP2-H	Fury	Golden	Commando Package

## ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Rotary		
Normal oil pressure (lb. @ engine rpm)	40-45 @ 1500	50 - 65 @ 1500	
Oil pressure sending unit (electric or mechanical)	Electric		
Type oil intake (floating, stationary)	Stationary		
Oil filter system (full flow, partial, other)	(a) By-pass	Shunt	Full flow
Filter replacement (element, complete)	Complete	Element	Complete
Capacity of crankcase, less filter-refill (qt.)	5		4
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		
Oil type recommended	API Classification MS		

## ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single	Single with crossover $\phi$	Dual $\phi$	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	1 Reverse flow	1 Reverse flow $\phi$	2 Reverse flow $\phi$	2 Reverse flow
Exhaust pipe dia. (O.D. wall thickness)	Branch	None		
	Main	2 x .083	2.25 x .060	1.88 x .060
Tail pipe diameter (O.D. & wall thickness)	1.75 x .048	2 x .048	1.75 x .048	2 x .048 $\phi$

## 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.)	All except Suburbans - 20; Suburbans - 22			
	Filter location	Left rear fender			
Fuel Pump	Type (elec. or mech.)	Mechanical			
	Locations	Right front of engine			
	Pressure range	6 - 7 psi			
Vacuum booster (std., optional, none)	None				
Fuel Filter	Type	Plastic $\phi$	Plastic and Ceramic		
	Locations	Fuel tank $\phi$	Fuel tank and carburetor		
Carburetor	Make & Model No.	(b)	(c) (d)	$\phi$ (e) (g) (f)	
	Number & Type	1 single	1 dual (d)	Two 4-barrel	
	Barrel size	1.60	1.74	Pri 1.74: See 1.56	
	Choke type	Automatic	Integral	Remote	Front-none; Rear - integral
	Intake manifold heat control (exhaust or water)	Exhaust			
Air clnr. type	Standard	Paper element		Dual paper element	
	Optional	None			

(a) Optional on LP1-L Plaza. (M-Manual, O-Overdrive, A-Automatic, F-Front, R-Rear

Ball & Ball

Stranborg

Carter

(b) M/BBS-2567S, O/BBS-2568S, A/BBS-2569S

(c) M/BBS-2644S, O/BBS-2645S, A/BBS-2646S or M/WW15-26, O/WW15-27, A/WW15-28

(d) With Power Pack (one 4-barrel)

M/AFB-2744S, A/AFB-2641S

(e) Early Models

F/WCFB-2631S, R/WCFB-2632S

(f)

F/AFB-2652S, R/AFB-2653S

(g) Later Models

F/AFB-27619, R/AFB-27629



# AMA Specifications – Passenger Car

MAKE OF CAR	PLYMOUTH	MODEL YEAR	1958	DATE ISSUED	Sept. 1957	REVISED	
MODEL		LPI		LP2		Golden Commando Package	
		Std	PS	Std	PS	AC	PS&AC
						Std	PS AC PS&AC

## ENGINE-COOLING SYSTEM

Type (pressure system, atmospheric, other)		Pressure-vent										
Radiator cap relief valve pressure		1/4 psi										
Circulation thermostat	Type (choke, bypass)	choke-pellet										
	Starts to open at (°F)	157 - 162										
Water pump	Type (centrifugal, other)	Centrifugal										
	Number of pumps	One										
	Drive (V-belt, other)	V-Bolt										
	Bearing type	Sealed ball bearing										
By-pass recirculation type (Internal, 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)		Yes					No					
Water all around cylinder (yes, no)		No					Yes					
Radiator hose	Lower	Number and type (molded, straight)	One, Molded									
		Inside diameter	1.5									
	Upper	Number and type (molded, straight)	One, Molded									
		Inside diameter	1.5									
	By-pass	Number and type (molded, straight)	None			One. Permanent, external, molded			None			
		Inside diameter	---			0.8			---			
	Fan	Number of blades & Spacing		Four, 76 - 104°				Four, 76 - 104° (a)				
		Diameter		17" (square tip)				18" (curved tip)				
Ratio-fan to crankshaft rev.		0.95										
Fan cutout type		None										
Bearing type		See "Water Pump"										
*Drive belts (Indicate belt used by letter)	Fan	A	B	D	D	E	E	H	H	J	J	
	Generator	A	B	D	D	2F	2F	H	H	2K	2K	
	Water Pump	A	B	D	D	E	E	H	H	J	J	
	Power Steering		C			G		G		L	L	
Air Conditioning						2F	2F			2K	2K	

(a) With AC - Six, 45 - 75 - 60°

Rev. Form 6-57

*Drive Belt Dimensions	A	B	C	D	E	F	G	H	J	K	L
Angle of V	38-42°										
Nominal length (SAE)	40.0	38.38	40.0	57.75	35.5	72.0*	39.0	56.5	36.88	68.75	41.75
Width	.375	.375	.5	.375	.375	.375	.5	.375	.375	.375	.5

(PS=Power steering, AC=Air conditioning, PS&AC=Power steering and air conditioning)

\* With 40-amp generator 72.75.

# AMA Specifications – Passenger Car

**MAKE OF CAR** PLYMOUTH      **MODEL YEAR** 1958      **DATE ISSUED** Sept. 1957      **REvised** Feb. 1958  
**MODEL** LP1      LP1 with PowerFlite      LP2      LP2 Golden Commando Package

## ELECTRICAL—SUPPLY SYSTEM

<b>Battery</b>	Make and Model	Auto-Lite 11-HS-50 or Willard HO-11-50		Auto-Lite 11-HS-60 or Willard HO-11-60 $\phi$	
	Voltage Rtg. & Plates/cell	12V, 9		12 V, 11 $\phi$	
	SAE Designation & Amp Hr. Rtg	None, 50		None, 60 $\phi$	
	Location	Under hood, left side			
	Terminal grounded	Negative			
<b>Generator</b>	Make	Auto-Lite			
	Model	GJC-7012-A		(a) $\phi$	
	Type	Shunt wound			
	Ratio—Gen. to Cr/s rev.	2.12 : 1		2 : 1	
Gen. cut-in—engine rpm	615		650		
<b>Regulator</b>	Make	Auto-Lite			
	Model	VRX-6201-A		(b) $\phi$	
	Type	Current and voltage control			
	Cutout relay	Closing voltage @ generator rpm	13.0 - 13.8 @ 1300		
		Reverse current to open	Contacts open at 0 - 6 amp discharge $\phi$		
	Regulated	Voltage	14.28 - 14.88		
		Current	30 - 40		(c) $\phi$
Voltage test conditions	Temperature	70° F			
	Load	Run 15 min at 7.0 amp - Voltage regulator check			
Other	Additional 15 min at rated output - Current regulator check				

## ELECTRICAL—STARTING SYSTEM

<b>Starting motor</b>	Make	Auto-Lite				
	Model	MDM-6001	MDL-6004	MDM-6001	MDT-6001	
	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	210	225	210	350
		Volts	4	4	4	4
		Torque (lb. ft.)	5	6	5	8.5
	No load test	Amps	50	60	50	58
		Volts	11	11	11	11
RPM (min.)		3600	3400	3600	3800	
<b>Motor control</b>	Switch (solenoid, manual)	Bendix (Anti-kickout)				
	Starting procedure	Depress accelerator pedal about one-third and turn ignition key beyond "Ignition On" Position				

- (a) With fuel injection: GGA-6001-E.  
 (b) With fuel injection: VAT-6201.  
 (c) With fuel injection: 40 - 50

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b> PLYMOUTH	<b>MODEL YEAR</b> 1958	<b>DATE ISSUED</b> Sept. 1957	<b>REVISED</b> Feb. 1958 $\emptyset$
<b>MODEL</b> LP1	LP2	LP2 P.P. *	LP2-II Fury
	Dual Carb	One 4-Bbl	Two 4-Bbl
		Two 4-Bbl	Fuel Injector

## ELECTRICAL—STARTING SYSTEM (cont.)

<b>Motor drive</b>	Engagement type	Inertia follow-through drive	
	Pinion meshes (front, rear)	Front	
	Number of teeth	Pinion	9
		Flywheel	172
	Flywheel tooth face width		.375

## ELECTRICAL—IGNITION SYSTEM

<b>Coil</b>	Make	Auto-Lite					
	Model	CAG-4001B	CAH-4001A				
	Amps	Engine stopped	2.4	3.1			
Engine idling		1.8	2.5				
<b>Distributor</b>	Make	Auto-Lite					
	Model	IBR-4001	IBP-4003F	IBP-4003D	IBS-4003	IBS-4006B   IBS-4009	
	Spark adv. centrifugal (crankshaft degrees)	Start (rpm)	500-900	650-1125	550-850	600-800	550-850
		Intermediate points @ rpm	0-4 @ 900	0-4 @ 1125	0-4 @ 850	0-8 @ 800	0-4 @ 850
			11-15 @ 2100	4-8 @ 1600	7-11 @ 1100	6.5-11 @ 950	9-13 @ 1500
	Max. @ rpm	15-19 @ 3600	16-20 @ 4600	20-24 @ 4800	14-18 @ 2000	18-22 @ 4000	
	Spark adv. vacuum (crankshaft degrees)	Start (in. Hg) $\emptyset$	0 @ 5.3-7	0 @ 6.1-7.3	0 @ 6-7.3	0 @ 8.2-9.8	$\emptyset$ 0 @ 6.2-8
		Intermediate points (in. Hg) $\emptyset$	9 @ 9 - 11	14 @ 10 - 11.6	16 @ 10.7 - 12.3	10 @ 11.8 - 14	(b)(c) 15 @ 10.5-12.7 $\emptyset$
			Max (in. Hg) $\emptyset$	17-21 @ 16	23.5-28 @ 16	24-29.5 @ 16	18-23 @ 18
	Breaker gap (in.)	.018 - .022		.015 - .018			
Cam angle (deg.)	39 $\pm$ 3		27 - 32		36 - 40 total (double breaker)		
Breaker arm tension (oz.)	17 - 20						
<b>Timing</b>	Crankshaft deg. @ rpm.	2 BTC @ 500		10 BTC @ 500		8 BTC @ 500	
	Mark location	(a)		Fan drive pulley		Vibration damper	
	Cylinder numbering system (see page 2)	- - -		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				
<b>Spark Plug</b>	Make and model	Auto-Lite Resistor					
		AR-51	AR-42	AR-32	AR-32	AR-42 $\emptyset$	
	Thread (mm)	14					
	Tightening torque (lb. ft.)	30 - 32					
	Gap	.035					
<b>Cable</b>	Conductor type	Stranded copper					
	Insulation type	Rubber with neoprene jacket					
	Spark plug protector	Neoprene cover					

## ELECTRICAL—SUPPRESSION

<b>Description</b>	Spark plugs: 10,000-ohm integral resistor
	Distributor: 10,000-ohm integral resistor

\*P.P. = Power Pak.

- (a) LP1-L-(Plaza): Fan drive pulley; all others - vibration damper.
- (b) Above specification for early cars.  $\emptyset$
- (c) Later cars - 10° @ 9 - 11".  $\emptyset$
- (d) Later cars - 16 - 22° @ 13.2".  $\emptyset$

# AMA Specifications – Passenger Car

**MAKE OF CAR** PLYMOUTH      **MODEL YEAR** 1958      **DATE: ISSUED** Sept. 1957      **REVISED** Feb. 1958  $\emptyset$   
**MODEL** LP1, LP2 – All Models

## ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	Make	Auto-Lite
	Trip odometer (yes, no)	No
Charge indicator-type		Indicator light
Temperature indicator-type		Electric, magnetic
Oil pressure indicator-type		Indicator light
Fuel indicator-type		Electric, magnetic
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 Counter-clockwise - Accessory circuit only
	Provision for illumination	None
	Location	Right of steering column
Main lighting switch	Identify positions and lights controlled	Left Position - Off 1st Position Clockwise - Instrument, tail, license plate, and parking lamps 2nd Position Clockwise - Instrument, head, tail and license plate lamps
Other light switches	Locations and lamps controlled	Instrument Lamp Switch - Left of steering column on instrument panel concentric with head lamp switch, variable all instruments; Stop Lamp Switch - In master cylinder; Dome Lamp - Manual Switch integral in lamp, automatic switch - both front doors on Belvedere and Savoy; Direction 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). (b) $\emptyset$ Heater Switch and Defroster Control - Two-speed blower switch concentric with defroster control, right of steering column.
Windshield wiper	Make	Auto-Lite or General Industries (single speed only) (b) $\emptyset$
	Type	Electric
	Vacuum booster provision	None
	Washer provision	Optional
Horn	Type	Air note - Sea shell
	Number used	2 (a)
	Amp draw (each)	9 - 10

(a) One horn on LP1-L and LP2-L Plaza models.

(b) Variable speed wiper standard equipment on LP2-H-Fury; optional other models.  $\emptyset$

# AMA Specifications – Passenger Car

Sept.  
1957

MAKE OF CAR PLYMOUTH MODEL YEAR 1958 DATE ISSUED 1957 REVISED \_\_\_\_\_

MODEL \_\_\_\_\_ LP1, LP2 – All Models

## 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		Horizontal; 2-4001, 2-4002
Headlamp beam indicator		1-57
Parking light		2-103 $\frac{1}{4}$ (a)
Tail light		2-103 $\frac{1}{4}$ (b)
Stop light		2-103 $\frac{1}{4}$ (b)
Direction signal	Front	2-103 $\frac{1}{4}$ (a)
	Rear	2-103 $\frac{1}{4}$ (b)
	Indicator	1-57
License plate light		1-67
Instrument light		4-57
Ignition lock light		None
Back up light		1-1073* (c)
Dome light		1-100 $\frac{1}{4}$ (d)
Clock light		None
Radio light		1-1891*
Glove compartment light		1-57*
Transmission Control		1-57*
Generator Indicator		1-57
Oil Pressure Indicator		1-57

## 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		None
Back up light		Same as (B)
Dome light		Same as (B)
Clock		SFE-2
Clock light		None
Radio		SFE-7.5
Glove compartment light		Same as (B)
Window Lift		30 CB (C)
Seat Adjuster		30 CB (D)
Windshield Wiper		5 CB (E); Variable Speed - 6 CB (F)

(a) Integral units. (b) Integral units, dual-filament. (c) 2 on Suburbans. (d) 2 on Fury and 3-seat Suburbans. Rev. Form 6-57

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	PLYMOUTH	<b>MODEL YEAR</b>	1958	<b>DATE: ISSUED</b>	Sept. 1957	<b>REVISED</b>	Feb. 1958
<b>MODEL</b>	LP1	LP2	LP2-H Fury	Golden Commando Package			

## DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Auburn (a) Dry plate	Borg & Beck, Dry plate			
Type pressure plate springs	Coil				
Total plate pressure (lb.)	1345	1920	2013	2104	
No. of clutch driven discs	One				
Clutch facing	Material Molded woven asbestos				
	Outside & inside dia.	9.25 x 6.00	10.00 x 6.75	10.50 x 6.50	11.00 x 6.50
	Total eff. area (sq.in.)	77.8	85.5	106.8	123.7
	Thickness	.114	Ø .125		
Release bearing	Engagement cushioning method Flat springs, crimped				
	Type & method of lubrication	Sealed ball bearing, permanently lubricated			
Torsional damping	Methods: springs, friction material Coil springs				

## DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	Standard		
Manual with overdrive (std. or opt.)	Optional		None
Automatic (std. or opt.)	PowerFlite optional	---	TorqueFlite optional

## DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	3		
Transmission ratios	In first	2.50	Early cars 2.31; later cars 2.12 Ø
	In second	1.68	Early cars 1.55; later cars 1.43 Ø
	In third	1.00	1.00
	In fourth	None	
	In reverse	3.20	Early cars 2.96; later cars 2.73 Ø
Synchronous meshing, specify gears	2nd and 3rd		
Lubricant	Capacity (pt.)	2.75	
	Type recommended	Multi-purpose gear oil, API classification GL-4	
	SAE viscosity number	Summer SAE 80	
		Winter Above -10° F, SAE 80	
Extreme cold Below -10° F, SAE 75			

(a) Optional when overdrive is not used.

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b> PLYMOUTH	<b>MODEL YEAR</b> 1958	<b>DATE: ISSUED</b> Sept. 1957	<b>REVISED</b> Feb. 1958	
<b>MODEL</b>	LP1	LP2	LP2-H Fury	Golden Command Package

## DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)		Planetary	Not applicable	
	Manual lockout (yes, no)		Yes	--	
	Downshift accelerator control (yes, no)		Yes	--	
	Minimum cut-in speed		25	26	
	Gear ratio		0.7		
	Lu- bri- cant	Capacity (Overdrive only)		0.75 pint	
		Separate filler (yes, no)		No	
		Type recommended		Multi-purpose gear oil, API GL-4	
		SAE vis- cosity number	Summer	SAE 80	
			Winter	Above -10°F, SAE 80	
	Ext. cold	Below -10°F, SAE 75			

## DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	PowerFlite(a)	(b)	TorqueFlite optional	
Type describe	Torque converter with gears			
Method of Selection (Lever, Push Button or other)	Pushbutton			
Selector Pattern	(PowerFlite) <span style="border: 1px solid black; padding: 2px;">R</span> <span style="border: 1px solid black; padding: 2px;">N</span> <span style="border: 1px solid black; padding: 2px;">D</span>		<span style="border: 1px solid black; padding: 2px;">R</span> <span style="border: 1px solid black; padding: 2px;">N</span> <span style="border: 1px solid black; padding: 2px;">D</span> (TorqueFlite)	
List gear ratios Selector Pattern and indicate which are used in each selector position	PowerFlite		TorqueFlite	
	<span style="border: 1px solid black; padding: 2px;">R</span> 2.39:1 Reverse		<span style="border: 1px solid black; padding: 2px;">R</span> 2.20:1 Reverse	
	<span style="border: 1px solid black; padding: 2px;">D</span> 1.00:1 Drive		<span style="border: 1px solid black; padding: 2px;">D</span> 1.00:1 Drive	
	<span style="border: 1px solid black; padding: 2px;">L</span> 1.72:1 Drive & Low		<span style="border: 1px solid black; padding: 2px;">2</span> 1.45:1 Drive and 2	<span style="border: 1px solid black; padding: 2px;">1</span> 2.45:1 Drive, 2, and 1
Max. upshift speeds—drive range (c)	50-55 mph	(d)	73-77 mph	74-78 mph
Max. kickdown speeds—drive range (c)	43-47 mph	(e)	68-72 mph	70-75 mph
Torque converter	Three			
	Number of elements			
	Max. ratio at stall at engine rpm		2.6 at 1330	2.7 at 1640 (f) 2.7 at 1670 (g)
Type of cooling (air, water) $\emptyset$		Air-cooled		(h) Air-cooled; (i) Water-cooled
Lubricant	Capacity—refill (pt.)		20	PowerFlite 20; TorqueFlite 18
	Type recommended		Automatic Transmission Fluid - Type A	
Special transmission features	Incorporates spring-loaded hydraulic valve to prevent accidental reverse engagement			

- (a) PowerFlite optional only.
- (b) PowerFlite or TorqueFlite optional.
- (c) With standard axle ratios and tires.
- (d) With PowerFlite 56-62 mph; with TorqueFlite 73-77 mph.
- (e) With PowerFlite 59-63 mph; with TorqueFlite 68-72 mph.
- (f) With PowerFlite; with TorqueFlite - 2.7 at 1845.
- (g) With PowerFlite and Power Pak; with TorqueFlite and Power Pak - 2.7 at 1880.
- (h) Early cars.
- (i) Later cars.

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	PLYMOUTH	<b>MODEL YEAR</b>	1958	<b>DATE ISSUED</b>	Sept. 1957	<b>REVISED</b>	Feb. 1958
<b>MODEL</b>	LP1	LP1 Suburban	LP2	LP2 Suburban	LP2 Fury	LP2 Fury	Golden Com-mando Pkg

## DRIVE UNITS—PROPELLER SHAFT

Number used		One				
Type (exposed, torque tube)		Exposed				
Outer diameter x length* x wall thickness (a)	Manual transmission	2.5 x 54.81 2.75 x 54.81*	3.0 x 58.81	2.75 x 55.02 3.0 x 55.02*	3.25 x 59.02	3.0 x 55.02
	Overdrive transmission	2.75 x 54.81	3.0 x 58.81	3.25 x 55.02	3.5 x 59.02	Not applicable
	Automatic transmission	(b) 2.75 x 54.81	(b) 3.0 x 58.81	(b) (c) 2.75 x 55.02	(b) (c) 3.25 x 59.02	(c) 2.75 x 54.96
Inter-mediate bearing	Type (plain, anti-friction)	None				
	Lubrication (fitting, prepack)	Not applicable				
Universal joints	Make	Own (Detroit)				
	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 (See Supplement to Page 14 for optional axles.)

Description - (incl. limited slip differential)		Conventional type: Semi-floating, hypoid, 2-pinion differential with single-piece case			
Drive Pinion Offset		1.5"			
No. of differential pinions		Conventional differential - 2			
Gear ratio and No. of teeth	Automatic transmission (b)	3.73 (41-11)	3.31 (43-13)	None	
	(c)	None	∅ 2.93 (41-14) or 3.15 (41-13)	3.31 (43-13)	
	Overdrive trans.	4.1 (41-10)	3.91 (43-11)	None	
Manual transmission		3.73 (41-11)	3.54 (39-11)	(d)	
Ring gear pitch diameter & O.D.		8.25 & 8.25		8.75 & 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		3.5	
	Type recommended	Multi-purpose gear lubricant, API Classification GL-4 (e)			
	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.      \* Optional.      Rev. Form 6-57

(a) Wall thickness - all shafts - .065.    (b) Powerlite.    (c) Torquelite.  
 (d) 3.73 (41-11).    (e) For "Sure-Grip" limited-slip type - Mopar Rear Axle Lubricant.

# AMA Specifications -- Passenger Car

Supplement  
to Page 14

MAKE OF CAR PLYMOUTH MODEL YEAR 1958 DATE ISSUED Sept. 1957 REVISÉD Feb. 1958  $\emptyset$

## SUPPLEMENTARY INFORMATION

### OPTIONAL REAR AXLE RATIOS

MODEL		LP1	LP2	LP2-H Fury	Golden Commando Package
<b>CONVENTIONAL TYPE</b>					
Gear Ratio and No. of Teeth	PowerFlite Transmission	3.9 (43-11)	3.73 (41-11)	--	--
		-- $\emptyset$	3.91 (43-11)	--	--
	TorqueFlite Transmission	--	2.93 (41-14)	2.93 (41-14)	2.93 (41-14)
		--	3.15 (41-13) $\emptyset$	3.15 (41-13)	-- $\emptyset$
		--	3.31 (43-13)	--	3.73 (41-11)
	Overdrive Transmission	3.9 (43-11)	-- $\emptyset$	--	--
	Manual Transmission	3.9 (43-11)	3.73 (41-11)	3.73 (41-11)	--
		4.1 (41-10)	3.91 (43-11)	3.91 (43-11)	--
		--	-- $\emptyset$	-- $\emptyset$	--

### SURE-GRIP (LIMITED-SLIP) TYPE

Description		Torque-bias type, with 4 pinions and 2 separate differential pinion shafts; cam-actuated friction clutches located back of each differential side gear			
Gear Ratio and No. of Teeth	TorqueFlite Transmission	--	3.31 (43-13)	3.31 (43-13)	3.31 (43-13)
		--	3.73 (41-11)(a)	3.73 (41-11)	3.73 (41-11)
	Manual Transmission	3.73 (41-11) $\emptyset$	3.73 (41-11)	3.73 (41-11)	3.73 (41-11) $\emptyset$

(a) Available on LP2-H Belvedere models only.



# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	PLYMOUTH	<b>MODEL YEAR</b>	1958	<b>DATE ISSUED</b>	Sept. 1957	<b>REVISED</b>	Feb. 1958 $\phi$
		LPI and LP2 - All Models					
<b>MODEL</b>	Manual Transmission			Automatic Transmission			

## BRAKES—PARKING

<b>Type of control</b>		T-handle, 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>	2-piece, ea 7.69 x 2 x 0.16 or 1-piece 16.68 x 2 x 0.16 $\phi$	2 shoe, ea 6.53 x 2 x 0.16 $\phi$

## FRAME or UNITIZED CONSTRUCTION

<b>Type and description</b>	Welded, double-channel box-section side rails; lateral crossmembers. X-type crossmember on Convertible
-----------------------------	--

## SUSPENSION—GENERAL

<b>Provision for car leveling</b>	(a)	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 inch
<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
-----------------------------	---

(a) Front only.

(Continued)

Rev. Form 6-57

# AMA Specifications – Passenger Car

Sept.                      Feb.  
**MAKE OF CAR** PLYMOUTH                      **MODEL YEAR** 1958    **DATE: ISSUED** 1957    **REVISED** 1958  $\emptyset$

**MODEL** LP1                      LP2                      LP2-H Fury

## SUSPENSION FRONT (cont.)

<b>Spring</b>	Type		Torsion bar		
	Material		Chromium-alloy steel		
	Size (coil design height & I.D.; bar length x dia.)		44.6 x 1.00	44.6 x 1.04	44.6 x 1.09
	Spring rate (lb. per in.)		Not applicable		
	Rate at wheel (lb. per in.) (a)		105	125	145
	Design load (lb. @ design height)		Not applicable		
<b>Stabilizer</b>	Type (link, linkless, frameless)		None		
	Material & bar diameter		Not applicable		

## STEERING

Mechanical (std., opt., NA)			Standard		
Power (std., opt., NA)			Optional		
Wheel diameter			17"		
<b>Turning diameter</b>	Outside front	Wall to wall (l. & r.)	45'1" (46'4" Suburban) $\emptyset$		
		Curb to curb (l. & r.)	42'3" (43'8" Suburban)		
	Inside rear	Wall to wall (l. & r.)	26'5" (28'0" Suburban) $\emptyset$		
		Curb to curb (l. & r.)	26'0" (27'3" Suburban)		
Outside wheel angle with inside wheel at 20°			18° 46'		
<b>Mechanical</b>	Gear	Type		Worm and three-tooth roller	
		Make		Own	
		Ratios	Gear	18.2	
			Overall	26.8	
	No. wheel turns		4.8		
<b>Power</b>	Type		Integral		
	Make		Own		
	Trade name		Constant-Control		
	Gear	Type		Rack and sector	
		Ratios	Gear	15.7	
			Overall	19.1	
	Pump driven by		Belt from C/S pulley		
	Overall torque ratio		140:1 average (mean) $\emptyset$		
	Number wheel turns		3.5		
	<b>Linkage</b>	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)

Rev. Form 6-57

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	PLYMOUTH	<b>MODEL YEAR</b>	1958	<b>DATE: ISSUED</b>	Sept. 1957	<b>REVISED</b>	Feb. 1958 $\emptyset$
<b>MODEL</b>	LP1	LP2	LP2-H Fury				

## STEERING (cont.)

<b>Steering Axis</b>	Inclination at camber (deg.)		$6\frac{1}{2}^{\circ}$ at $0^{\circ}$
	Bearings (type)	Upper	Ball joint
		Lower	Ball joint
	Thrust		Oil-impregnated sintered metal
<b>Wheel alignment (range and preferred)</b>	Caster (deg.) (Must be equal on both R & L Wheels)		Mechanical steering: $-3/4^{\circ} \pm 3/4^{\circ}$ Power steering: $+3/4^{\circ} \pm 3/4^{\circ}$ $\emptyset$
	Camber (deg.)		Left: $+1^{\circ} \pm 1^{\circ}$ (Prefer $+3/8^{\circ}$ ) Right: $0^{\circ} \pm 1^{\circ}$ (Prefer $0^{\circ}$ )
	Toe-in (outside tread-inches)		$1/8" \pm 1/32"$
<b>Steering spindle &amp; joint type</b>			Ball socket
<b>Wheel spindle</b>	Diameter	Inner bearing	1.25"
		Outer bearing	0.75"
	Thread size		$3/4-16$ N.F.
	Bearing type		Tapered roller

## SUSPENSION—REAR

<b>Type and description</b>		Parallel, longitudinal leaf			
<b>Drive and torq. taken through (see page 14)</b>		Rear springs			
<b>Spring</b>	Type	Semi-elliptical			
	Material	Steel			
	Size (length x width, coil design height and I.D.; bar length & dia.)	55 x 2.5 (Suburbans 57 x 2.5)			
	Spring rate (lb. per in.)	88-98 (a)	90-100 (a)	120-130	
	Rate at wheel (lb. per in.) (b)	128 (c)	130 (c)	165	
	Design load (lb. at design height) (d)	(e)	(f)	R & L 640 at -.38	
	<b>Mounting insulation type</b>		Rubber		
	If leaf	No. of leaves	4	5	6
Inserts		Type and size			
		Material			
Shackle (comp. or tens.)		Compression			
<b>Stabilizer</b>	Type (link, linkless, frameless)	None			
	Material	Not applicable			
<b>Track bar type</b>		None			

- (a) 120-130 on Suburbans
- (b) Without tires
- (c) 165 on Suburbans
- (d) 2-Door Suburbans - R.H. 960 at -.38; LH 1000 at -.38  
4-Door Suburbans - R.H. 1000 at -.38; LH 1040 at -.38
- (e) R.H. 680 at -.38; LH 720 at -.38
- (f) R.H. 720 at -.38; LH 760 at -.38

# AMA Specifications – Passenger Car

MAKE OF CAR PLYMOUTH MODEL YEAR 1958 DATE: ISSUED Sept. 1957 REVISED \_\_\_\_\_

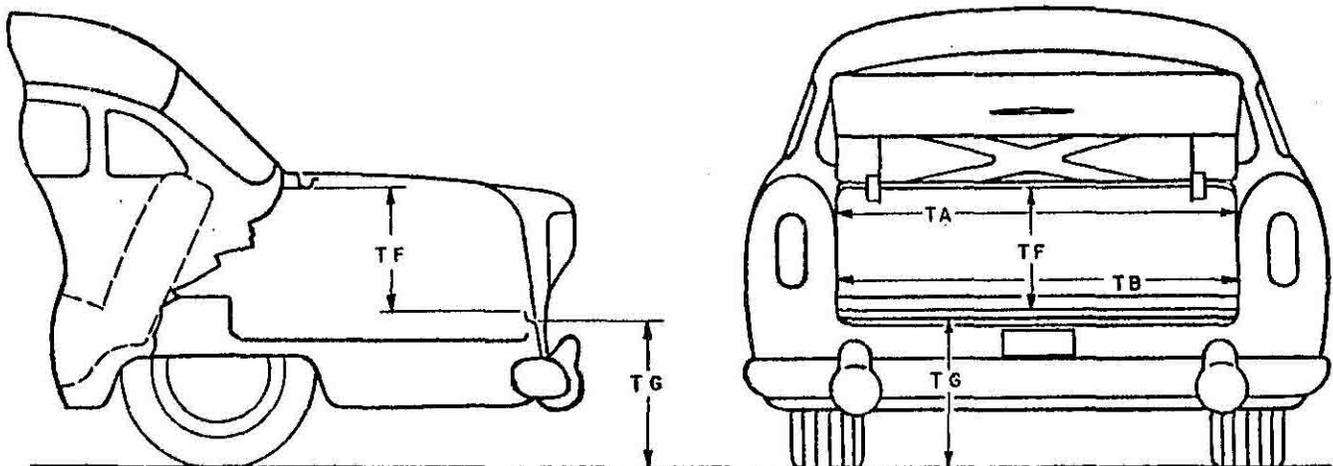
## BODY—GENERAL DEFINITIONS

NOTE: Included in the dimension definitions listed on this and the following pages are those which have been adopted by the S.A.E. These are indicated by a number following the type of dimension, e.g. 1.3. Additional dimensions have been added by the AMA Specifications Body Sub-Committee for inclusion in the Questionnaire. These are shown by an additional letter, e.g., HA. Symbol "a" added as suffix to SAE dimensions indicates an AMA modification. The dimensions are developed from the following basic points:

1. Front and rear seat "A" points are taken 5" forward of vertical tangent to seat back 15" from center of body.
2. Front and rear seat "B" points are located on seat back 15" from center of body at height of horizontal tangent to top of seat cushion.
3. Front seat is in the full down and normal rearmost position.
4. Loaded position—5 passenger, front 300 lb., rear 450 lb.; includes spare wheel, tire and tools, and full complement of gas, oil, water, and tires to recommended pressure, etc.
5. C/L (centerline).
6. D. L. O. (daylight opening, exposed glass dimension - pages 21, 23 & 25).
7. Ramp breakerover angle (page 21) is the supplement of the included ramp angle (180° minus the included ramp angle) over which a car can pass without hanging up.

MODEL	LP1 & LP2 4-Door Sedan	LP2-H Fury 2-Door Hardtop
-------	---------------------------	---------------------------

## BODY—TRUNK DIMENSIONS



Usable trunk luggage capacity (see Section H1 of SAE Automotive Drafting Standards) (actual)	35.6 cu ft.	37.7 cu ft
TA— Width across the top	55.4	
TB—Width across the bottom	50.6	
TF—Vertical dimension at C/L from bottom to top of opening.	9.5	
TG—Vertical height from ground to trunk lower opening (normal surface of outside sheet metal - loaded)	25.2	25.5
Position of spare tire stowage	Horizontal; left side of trunk	
Method of holding lid open	Torsion bar	

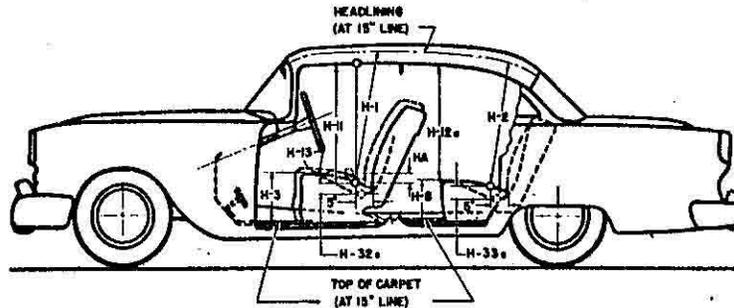
# AMA Specifications – Passenger Car

Sept.

MAKE OF CAR PLYMOUTH MODEL YEAR 1958 DATE ISSUED 1957 REVISED \_\_\_\_\_

MODEL \_\_\_\_\_ LP1 & LP2 4-Door Sedan LP2-H Fury 2-Door Hardtop

## BODY—HEIGHT DIMENSIONS--INTERIOR

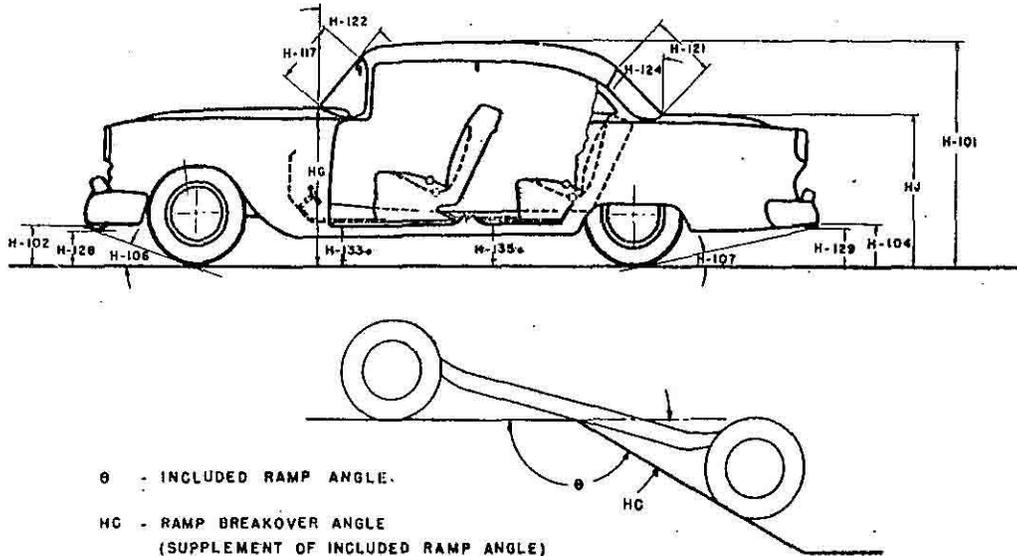


H1. Front headroom—from free "A" pt. to headlining at B <sup>o</sup> back of vertical on 15" line. (For "A" pt. see note 1, page 19)	35.7	33.7
H2. Rear headroom—from free "A" pt. to headlining at B <sup>o</sup> back of vertical on 15" line.	34.2	34.0
H3. Front cushion height above low point on floor carpet on 15" line (front edge of cushion).	10.8	
H8. Rear cushion height above low point on floor carpet on 15" line (front edge of cushion).	12.0	9.5
H11. Entrance—front—cushion free "A" point to bottom windcord vertical.	31.2	31.5
H12a. Entrance—rear—top of cushion at vertical tangent to front of rear seat, to bottom of windcord in rear.	28.5	Not applicable
H13. Steering wheel clearance to seat cushion taken on arc (wheel turned for min. clearance).	6.0	
HA. Front seat maximum vertical rise at free "A" point.	1.2	
HF. Front seat maximum vertical rise of free "A" point with multiple-position seat.	1.2	
H32a. Front seat depressed depth—vertical dimension from free "A" point to depressed "A" point.	4.0	
H33a. Rear seat depressed depth—vertical dimension from free "A" point to depressed "A" point.	4.0	

# AMA Specifications – Passenger Car

MAKE OF CAR PLYMOUTH      MODEL YEAR 1958      DATE ISSUED 1957      REVISED 1958 Sept.      Feb.  
 MODEL LP1      LP2      LP2-H Fury  
4-Door Sedan      4-Door Sedan      2-Door Hardtop

## BODY—HEIGHT DIMENSIONS—EXTERIOR



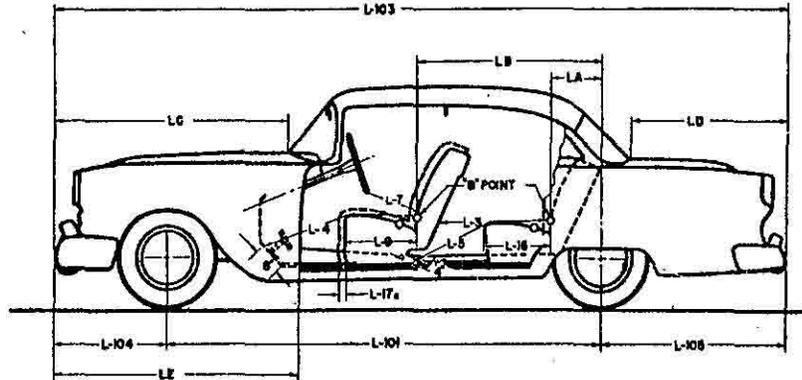
H101. Overall height - loaded.	56.6		54.2
H8. Overall height - curb weight.	58.5		55.5 φ
H102. Front bumper bottom to ground at normal section.	14.1	14.2	13.8
H104. Rear bumper bottom to ground at normal section.	φ 10.2	10.1	12.0 φ
H106. Angle of appr.-fr. tire static loaded rad. to interfering pt. on fr. bumper, gd., other.	23.3° φ	φ 23.4°	22.9° φ
H107. Angle of dep.-fr. tire static loaded rad. to interfering pt. on rr. bumper, gd., other.	10.5° φ	10.4°	12.2 φ
HC. Ramp breakover angle.*	10.4° (a)		10.2°
H117. Windshield DLO-slant height.	22.3 φ		
H121. Backlight DLO*-max., slant height.	19.7		20.7
H122. Windshield slope angle to vertical line on car axis.	50°		54°
H124. Backlight slope angle to vertical line on car axis.	53°		55°
H128. Ground to bottom of front bumper guard.	13.6	13.7	13.3
H129. Ground to bottom of rear bumper guard.	12.4	11.7	12.0
H133a. Bottom of front door to ground, min. dimension - car loaded.	11.1		11.0
H135a. Bottom of rear door to ground, min. dimension - car loaded.	10.9		Not applicable
HD. Min. road clear. (5 pass. load) & loc.	5.4 Frame side member*		5.3 Frame side member*
HE. Min. road clearance at rear axle.	7.4 φ	7.1 φ	7.2 φ
HG. Hood at rr. to grd.-vert. dim. excl. molding, fr. hood opening line at cowl (curb wt.)	40.4	40.3	39.9 φ
HH. Max. ht., fr. grd. frt. of windshield (curb wt.)	40.9	40.8	40.4 φ
HJ. Max. ht. fr. grd. back of r. window (curb wt.)	39.6		39.9 φ

\* See Notes, page 19. (a) Suburban 10.6° φ

# AMA Specifications - Passenger Car

**MAKE OF CAR** PLYMOUTH      **MODEL YEAR** 1958      **DATE ISSUED** Sept. 1957      **REVISED** \_\_\_\_\_  
**MODEL** \_\_\_\_\_      LP1 & LP2 4-Door Sedan      LP2-H Fury 2-Door Hardtop

## BODY-LENGTH DIMENSIONS



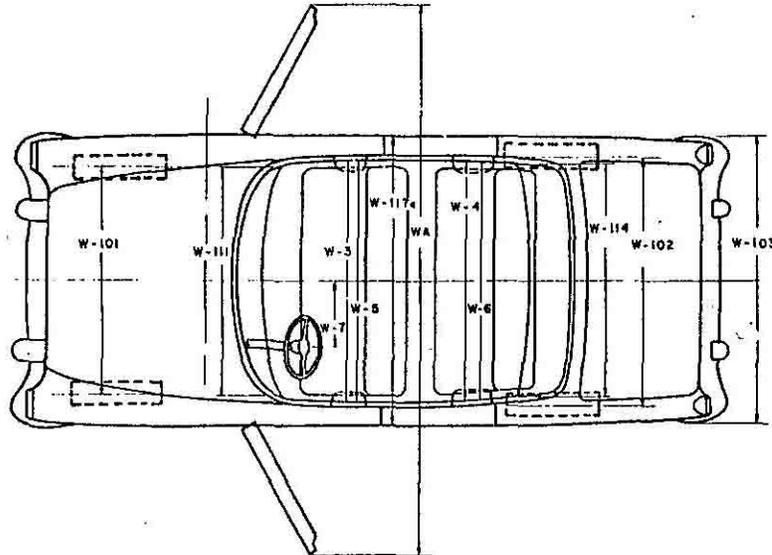
Interior	* L3. Rear compartment of front seat back to rear seat back.	29.8	26.0
	* L4. Leg room—front—ball of foot to top of seat to seat back--15" line.	45.5	
	* L5. Leg room—rear—from ball of foot to top of seat cushion and to seat back†	41.5	36.5
	L7. Steering wheel clearance to seat back taken on arc.	15.0	
	* L9. Front seat depth (front edge to vert. tan. to seat back on 15" line).	18.6	
	* L16. Depth of rear seat (front edge to seat back).	18.4	
	L17a. Total adjustment of front seat at front lower seat frame.	4.8	
	LA. Rear seat "B" point to center line of rear axle.	17.5	22.2
	LB. Front seat "B" point to center line of rear axle.	53.8	
	LC. Front of car to base of windshield.	56.0	
	LD. Rear of car to base of rear window or upper structure.	40.1	47.9
	LE. Front of car to front edge of front door.	61.2	
Exterior	L101. Wheelbase.	118.0 (Suburbans 122.0)	
	L103. Overall length (bumper to bumper inc. guards).	206.0 (Suburbans 213.3)	
	L104. Overhang—front including bumper guards.	32.8	
	L105. Overhang—rear including bumper guards.	55.2	

\* Dimension taken on 15" line—see notes 1 & 2, page 19.

# AMA Specifications - Passenger Car

**MAKE OF CAR** PLYMOUTH      **MODEL YEAR** 1958      **DATE: ISSUED** Sept. 1957      **REVISED** \_\_\_\_\_  
**MODEL** \_\_\_\_\_      LP1 4-Door Sedan      LP2 4-Door Sedan      LP2-H Fury 2-Door Hardtop

## BODY-WIDTH DIMENSIONS



Interior	W3. Front shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	60.5	61.0
	W4. Rear shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	60.4	60.5
	W5. Front hip room, at top of seat 5" forward of vert. tan. to seat back.	63.0	
	W6. Rear hip room, at top of seat 5" forward of vert. tan. to seat back.	62.7	56.0
	W7. Steering wheel center to center of body.	Manual steering 16.11; Power steering 16.25	
Exterior	W101. Front tread at ground.	60.9	
	W102. Rear tread at ground.	59.6	59.7
	W103. Max. overall width of car including bumpers or mouldings.	79.3	
	WA. Max. overall width of car with doors open.	156.8	167.4
	W111. Windshield DLO, max. width.	63.2	
	W114. Back window DLO, max. width.	60.4	60.0
	W117a. Max. body width at center pillar, less hardware and applied moldings.	75.6	

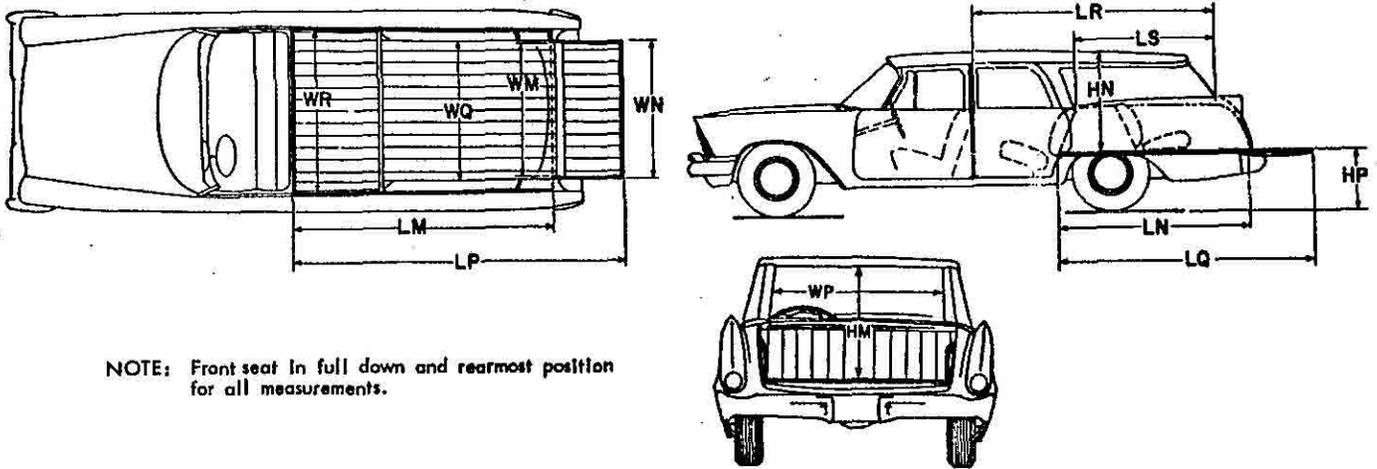
# AMA Specifications – Passenger Car

Sept. 1957

MAKE OF CAR PLYMOUTH MODEL YEAR 1958 DATE ISSUED 1957 REVISED \_\_\_\_\_

MODEL \_\_\_\_\_ LP1 \_\_\_\_\_ LP2 \_\_\_\_\_

## STATION WAGON—CARGO SPACE DIMENSIONS



NOTE: Front seat in full down and rearmost position for all measurements.

LM Floor length from bottom of front seat to inside of tail gate in raised position.	98.6	
LN Floor lgth. from bottom of second seat to inside of tail gate in raised position.	64.5	
LP Floor lgth. from bottom of front seat to end of tail gate in lowered position.	119.7	
LQ Floor lgth. from bottom of second seat to end of tail gate - tail gate lowered.	85.6	
HM Maximum hght. of rear opening - tail gate lowered.	28.6 (D.L.O.)	
WM Rear end opening width at floor.	46.0	
WN Rear end opening width at top of tail gate.	50.7	
WQ Minimum distance between wheelhouses.	45.7	
WP Maximum width of rear opening above raised tail gate.	48.0 (D.L.O.)	
WR Maximum width of cargo space at floor.	62.5	
LR Cargo horizontal distance from top rear of front seat back to top of tail gate.	81.7	
LS Cargo horizontal distance from top rear of second seat back to top of tail gate.	47.5	
HN Maximum height of roof above floor at center line of car.	33.0	
HP Platform height of end of lowered tail gate - curb weight.	27.2	27.3
Third Seat - facing direction.	Rearward	

# AMA Specifications - Passenger Car

**MAKE OF CAR** PLYMOUTH      **MODEL YEAR** 1958      **DATE ISSUED** Sept. 1957      **REVISED** Feb. 1958  $\emptyset$   
**MODEL** LP1 & LP2 4-Door Sedan      LP2-H Fury 2-Door Hardtop

## BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front
	Rear doors	Front
Type of finish (lacquer, enamel).		Synthetic enamel
Hood hinge location (front, rear).		Rear
Hood counterbalanced (yes, no).		Yes
Hood release control (internal, external).		External
Vehicle (Serial) No. Location		Bottom left front door hinge post
Engine No. location		Top of engine block - front
Theft protection - type		Ignition key starting, ignition switch terminal barrier, & door locks $\emptyset$
Vent window control method (crank, friction pivot).		Friction pivot
Windshield type (single curved, compound curved, other)		Single curved
Rear window type (flat, curved, one piece, three piece)		One piece - curved
Side glass type (curved, flat)		Flat
Windshield glass area D.L.O.	1444	1436
Backlight glass area D.L.O.	1173	1205
Total glass area D.L.O.	4148	3964

## BODY—TYPES AND STYLE NAMES —

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

BODY STYLES:	CODES		
	LP1-L, I 2-L	LP1-M, LP2-M	LP1-H, LP2-H
4-Door Sedan		-41, 6-Pass.	
2-Door Sedan		-21, 6-Pass.	
Business Coupe	-22, 3-Pass.	---	---
4-Door Hardtop	---	-43, 6-Pass. Sport Sedan	
2-Door Hardtop	---	-23, 6-Pass. Sport Coupe (a)	
Convertible Coupe	---	---	-27, 6-Pass. (b)
2-Door Station Wagon	-25, 6-Pass. Suburban		---
4-Door Station Wagon	$\emptyset$ - 45A, 6-Pass De Luxe Suburban	-45A, 6-Pass. Custom Suburban	-45A, 6-Pass. Sport Suburban
4-Door Station Wagon	---	-45B, 9-Pass. Custom Suburban	-45B, 9-Pass. Sport Suburban

- (a) Fury supplied only on 8-cyl. "H" chassis and 2-Door Hardtop body - LP2-H-23.
- (b) Convertible supplied only on LP2-H Belvedere chassis.

# AMA Specifications -- Passenger Car

MAKE OF CAR PLYMOUTH 6-Cylinder MODEL YEAR 1958 DATE ISSUED Feb 1958 REVISED \_\_\_\_\_

## MAJOR OPTIONAL ITEMS - WEIGHTS

	CURB - WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING WEIGHT *
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
<b>6-Cylinder Models</b>								
Model <b>PLAZA</b>								
LP1-L-21 2D Sdn	1770	1635	3375	56.0	44.0	21.0	79.0	3190
-22 3-Pass Ope	1745	1560	3305	56.0	44.0	- -	- -	3170
-25 2 D Stn Wgn	1730	1965	3695	57.5	42.5	23.5	76.5	3475
-41 4 D Sdn	1780	1650	3430	56.0	44.0	20.2	79.8	3255
-45A 4 D Stn Wgn 2St								3580
Model <b>SAVOY</b>								
LP1-M-21 2D Sdn	1775	1610	3385	56.0	44.0	21.0	79.0	3220
-23 2D HT	1795	1630	3425	56.0	44.0	22.8	77.2	3240
-25 2D Stn Wgn								3570
-41 4D Sdn	1785	1655	3440	56.0	44.0	20.2	79.8	3220
-43 4D HT								3310
-45A 4D Stn Wgn 2Seat								3575
-45B 4D Stn Wgn 3Seat								3685
Model <b>BELVEDERE</b>								
LP1-H-21 2D Sdn	1775	1620	3395	56.0	44.0	21.0	79.0	3240
-23 2D HT	1795	1630	3435	56.0	44.0	22.8	77.2	3250
-41 4D Sdn	1785	1665	3450	56.0	44.0	20.2	79.8	3255
-43 4D HT								3330
-45A 4D Stn Wgn 2Seat	1770	2015	3785	57.5	42.5	23.5	76.5	3615
-45B 4D Stn Wgn 3Seat	1775	2075	3850	57.5	42.5	23.5	76.5(a)	3685
<b>Accessories &amp; Equipment Weights</b>								
	<b>Differential Weights</b>							
Overdrive Transmission	+10	+10	+20					
Power Flite Transmission	+25	+15	+40					
Radio & Heater	+25	+15	+40					
Power Steering	+30	0	+30					
Power Brakes	+10	+5	+15					
Air Conditioning	+100	+10	+110					

\* These weights posted with State tax authorities for licensing purposes.  
 (a) Passenger weight distribution on third seat: Front - 18%; Rear + 11%



# AMA Specifications -- Passenger Car

PAGE 27

## INDEX

SUBJECT	PAGE NO.	SUBJECT	PAGE NO.
Air Suspension	16	Lamp Bulbs	11
Angles of Approach, Departure	21	Legroom	22
Automatic Transmission	1, 13	Lengths - Car, & Body Interior	1, 22
Axle, Rear	1, 14	Lifters, Valve	4
Battery	8	Linings - Clutch, Brake	12, 15
Bearings, Engine	3, 4, 7	Lubrication	5, 6, 12, 13, 14
Belts - Fan, Generator, Water Pump	7	Motor, Starting	8
Body - General Information, Types	19, 25	Muffler	6
Height Dimensions	21	Overdrive	13
Length Dimensions	22	Piston Pins & Rings	3
Overall Dimensions	1, 21, 22, 23	Pistons	2, 3
Trunk Capacities, Opening Dimensions	19	Power Brakes	15
Width Dimensions	23	Power Steering	17
Brakes - Parking, Service, Power	15, 16	Propeller Shaft, Universal Joints	14
Camber	18	Pumps - Oil, Fuel	6
Camshaft	4	Water	7
Capacities		Radiator, Hoses	7
Cooling System	7	Ramp Break-over Angle	21
Fuel Tank	6	Ratios - Axle	1, 14
Lubricants		Compression	1, 2
Engine Crankcase	6	Steering	17
Transmission and Overdrive	12, 13	Transmission	12, 13
Rear Axle	15	Rear Axle	1, 14
Carburetor	6	Regulator - Generator	8
Caster	18	Rims	15
Choke, Automatic	6	Rings, Piston	3
Circuit Breakers, Fuses	11	Rods - Connecting	3
Clearance, Ground	21	Shock Absorbers, Front & Rear	16
Clutch - Pedal Operated	12	Spark Plugs	9
Coil, Ignition	9	Speedometer	10
Connecting Rods	3	Springs - Front & Rear Suspension	17, 18
Cooling System	7	Valve, Engine	5
Crankshaft	4	Stabilizer (Sway Bar) - Front & Rear	17, 13
Cylinders and Cylinder Head	2	Starting Motor	8
Distributor - Ignition	9	Steering	17, 18
Electrical System	8, 9, 10, 11	Suppression - Ignition, Radio	9
Engine		Suspension - Front & Rear	16, 17, 18
Bore, Stroke, Displacement, Type	1, 2	Switches	10
Compression Ratio	1, 2	Tailpipe	6
Firing Order, Cylinder Numbering	2, 9	Thermostat, Cooling	7
General Information, H.P. & Torque	1, 2	Timing, Engine & Valve	4, 5, 9
Lubrication	5, 6	Tires	1, 15
Exhaust System	6	Toe In	18
Fan, Cooling	7	Torque Converter	13
Filters - Engine Oil, Fuel System	6	Torque - Engine, Rated	1, 2
Frame	16	Transmission - Types	1, 12, 13
Front Suspension	16, 17	Automatic	1, 13
Fuel, Fuel Pump, Fuel System	6	Manual & Overdrive	12, 13
Fuel Injection	1, 6	Ratios	12, 13
Fuses, Circuit Breakers	11	Tread	1, 23
Generator and Regulator	8	Turning Diameter	17
Glass	21, 23, 25	Universal Joints, Propeller Shaft	14
Headroom - Body	20	Valves - Intake & Exhaust	4, 5
Heights - Car & Body	1, 20, 21	Vibration Damper	4
Hood	25	Voltage Regulator	8
Horns	10	Water Pump	7
Horsepower - Brake, Rated, Taxable	1, 2	Weights - Shipping, Curb	26
Ignition System	9	Wheel Alignment	18
Inflation - Tires	15	Wheelbase	1, 22
Instruments	6, 10	Wheels & Tires	15
Kingpin	18	Wheel Spindle	18
		Widths - Car & Body	1, 23
		Windshield	21, 23, 25
		Windshield Wiper	10