

AMA Specifications – Passenger Car

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MANUFACTURER	CHRYSLER-PLYMOUTH DIVISION CHRYSLER CORPORATION	CAR NAME	PLYMOUTH
MAILING ADDRESS	DETROIT 31, MICHIGAN	MODEL YEAR	1962

ISSUED: 11-17-61
REVISED (e)

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.

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BODY—TYPES AND STYLE NAMES—

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

PLYMOUTH V-8 HIGH PERFORMANCE OPTIONS

Data for the high performance options described in the following pages apply to all Plymouth Savoy, Belvedere, Fury, and Sport Fury models.

For information not contained herein, refer to the primary AMA.

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High Performance Options

MAKE OF CAR PLYMOUTH V-8

MODEL YEAR 1962

DATE ISSUED 11-10-61

REVISED()

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL	Additional Information Page No.:	361 Cu In. 2, 4-bbl Runner	383 Cu. In. 4-bbl	2, 4-bbl Runner	4-bbl	413 Cu In. 2, 4-bbl Runner	2, 4-bbl Ram
Wheelbase (L-101)	23						See Page 1, Primary AMA
Tread	Front (W-101)	24					"
	Rear (W-102)	24					"
Maximum Overall Dimensions	Length (L-103)	23					"
	Width (W-103)	24					"
	Height (H-101)	22					"
Transmission (Specify trade name - opt., not available)	Manual	13					Std.
	Overdrive	14					NA
	Automatic	14					Opt.
Axe ratio	Manual	15					See Page 15
	Overdrive	15					"
	Automatic	15					See Page 15
Tire size		16					Std. - 7.00 x 14 Opt. - 7.50 x 14 Front, 9.00 x 14 Rear
Engine	Type, no. cyl., valve arr. 2						90° V-8, OHV
	Fuel system (Carb., other) 6	2, 4-bbl Runner	4-bbl	2, 4-bbl Runner	4-bbl	2, 4-bbl Runner	2, 4-bbl Ram
	Bore and stroke 2	4.12 x 3.38		4.25 x 3.38			4.19 x 3.75
	Piston displ., cu.in. 2	361		383			413
	Std. compression ratio 2	9.0		10.0			11.0
	Max. bhp at engine rpm 2	310 @ 5200	330 @ 4600	335 @ 5200	365 @ 4600	385 @ 5200	410 @ 5400
	Max. torque at rpm 2	390 @ 3400	425 @ 2800	420 @ 3600	460 @ 2800	455 @ 3600	460 @ 4400

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High Performance Options

MAKE OF CAR	PLYMOUTH V-8		MODEL YEAR	1962	DATE: ISSUED	11-13-61	REVISED (•)
MODEL	361 Cu In.	383 Cu In.			413 Cu In.		
	2, 4-bbl Runner	4-bbl	2, 4-bbl Runner	4-bbl	2, 4-bbl Runner	2, 4-bbl Ram	
ENGINE—GENERAL							
Type, no. cyls., valve arr.				90° V-8, OHV			
Bore and stroke (nominal)	4.12 x 3.38		4.25 x 3.38			4.19 x 3.75	
Piston displacement, cu. in.	361		383			413	
Bore spacing (C/L to C/L)				4.8			
No. system (front to rear)	L. Bank R. Bank			1 - 3 - 5 - 7 2 - 4 - 6 - 8			
Firing order				1 - 8 - 4 - 3 - 6 - 5 - 7 - 2			
Compres. ratio (nominal)	9.0		10.0			11.0 (a)	
Cylinder Head Material				Cast Iron			
Cylinder Sleeve—Wet, dry, none				None			
Number of mounting points	Front Rear			Two One			
Engine installation angle				1° Right, 2.5° Upward			
Taxable horsepower	Dia. 2 x No. Cyl. 2.5	54.3	57.8			55.9	
Published max. bhp* @ eng. RPM		310 @ 5200	330 @ 4600	335 @ 5200	365 @ 4600	385 @ 5200	410 @ 5400
Published max. torque* (lb. ft. @ RPM)		390 @ 3400	425 @ 2800	420 @ 3600	460 @ 2800	455 @ 3600	460 @ 4400
Recommended fuel regular — premium				Premium			
Idle speed (spec. neutral or drive)	Manual Automatic			700 - 800		700 - 800	

ENGINE—PISTONS

Material	Cast aluminum alloy (b)		
Description and finish	Slipper-type, steel strut, elliptically turned, tin-plated (b)		
Weight (piston only) oz.	27.5	27.2	27.5

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

(Continued)

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(a) Optional compression ratio, dealer installed; 13.5 to 1

(b) Optional: Forged aluminum alloy, domed, trunk type, elliptically-turned, available on the 413 cu in. engine.

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High Performance Options

MAKE OF CAR PLYMOUTH V-8 **MODEL YEAR** 1962 **DATE: ISSUED** 11-10-61 **REVISED (•)**

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first)
	Displ. cu. in.	Carburetor	Compr. Ratio	BPH @ RPM	Torque @ RPM		
All	361	2, 4-bbl Runner	9.0	310 @ 5200	390 @ 3400	Manual	3.23 (a)
						Automatic	3.23 (a)
Savoy,	383	4-bbl	10.0	330 @ 4600	425 @ 2800	Manual	2.93 (a)
						Automatic	3.23 (a)
Belvedere, Fury, and Sport Fury	413	2, 4-bbl Runner	10.0	335 @ 5200	420 @ 3600	Manual	3.23 (a)
						Automatic	3.23 (a)
Models	413	4-bbl	11.0	365 @ 4600	460 @ 2800	Manual	3.23 (a)
						Automatic	3.23 (a)
	413	2, 4-bbl Ram	11.0	410 @ 5400	460 @ 4400	Manual	3.91 (a)
						Automatic	3.91 (a)
(a) See Page 15 for optional rear axle ratios.							

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MAKE OF CAR PLYMOUTH V-8

MODEL YEAR 1962

DATE: ISSUED 11-22-61 **REVISED**

MODEL	361 Cu In.	383 Cu In.	413 Cu In.
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ENGINE—CRANKSHAFT

Material	See Page 4, Primary AMA																											
Vibration damper type	"																											
End thrust taken by bearing (No.)	"																											
Crankshaft end play	"																											
Main bearing	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Material & type</td> <td style="width: 85%;">Std.: See Page 4, Primary AMA Opt.: Copper-lead babbitt</td> </tr> <tr> <td>Clearance</td> <td>Std.: .0005 - .0015; Opt.: .0010 - .0025</td> </tr> <tr> <td>No. 1</td> <td style="text-align: center;">See Page 4, Primary AMA</td> </tr> <tr> <td>No. 2</td> <td style="text-align: center;">"</td> </tr> <tr> <td>No. 3</td> <td style="text-align: center;">"</td> </tr> <tr> <td>No. 4</td> <td style="text-align: center;">"</td> </tr> <tr> <td>No. 5</td> <td style="text-align: center;">"</td> </tr> <tr> <td>No. 6</td> <td style="text-align: center;">"</td> </tr> <tr> <td>No. 7</td> <td style="text-align: center;">"</td> </tr> <tr> <td>Dir. & amt. cyl. offset</td> <td style="text-align: center;">"</td> </tr> <tr> <td>Crankpin journal diameter</td> <td style="text-align: center;">"</td> </tr> </table>						Material & type	Std.: See Page 4, Primary AMA Opt.: Copper-lead babbitt	Clearance	Std.: .0005 - .0015; Opt.: .0010 - .0025	No. 1	See Page 4, Primary AMA	No. 2	"	No. 3	"	No. 4	"	No. 5	"	No. 6	"	No. 7	"	Dir. & amt. cyl. offset	"	Crankpin journal diameter	"
Material & type	Std.: See Page 4, Primary AMA Opt.: Copper-lead babbitt																											
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No. 5	"																											
No. 6	"																											
No. 7	"																											
Dir. & amt. cyl. offset	"																											
Crankpin journal diameter	"																											

ENGINE—CAMSHAFT

Location	"																						
Material	"																						
Bearings	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Material</td> <td style="width: 85%;">"</td> </tr> <tr> <td>Number</td> <td style="text-align: center;">"</td> </tr> </table>						Material	"	Number	"													
Material	"																						
Number	"																						
Type of Drive	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Gear or chain</td> <td style="width: 85%;">"</td> </tr> <tr> <td>Crankshaft gear or sprocket material</td> <td style="text-align: center;">"</td> </tr> <tr> <td>Camshaft gear or sprocket material</td> <td style="text-align: center;">"</td> </tr> <tr> <td>Timing chain</td> <td colspan="5"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">No. of links</td> <td style="width: 85%;">"</td> </tr> <tr> <td>Width</td> <td style="text-align: center;">"</td> </tr> <tr> <td>Pitch</td> <td style="text-align: center;">"</td> </tr> </table> </td></tr> </table>					Gear or chain	"	Crankshaft gear or sprocket material	"	Camshaft gear or sprocket material	"	Timing chain	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">No. of links</td> <td style="width: 85%;">"</td> </tr> <tr> <td>Width</td> <td style="text-align: center;">"</td> </tr> <tr> <td>Pitch</td> <td style="text-align: center;">"</td> </tr> </table>					No. of links	"	Width	"	Pitch	"
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No. of links	"																						
Width	"																						
Pitch	"																						

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)	Std.: Hydraulic; Opt.: Mechanical									
Valve rotator, type (intake, exhaust)	Low-friction lock on exhaust									
Rocker ratio	1.5									
Operating tappet clearance (indicate hot or cold)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Intake</td> <td style="width: 85%;">Std.: Hyd Opt.: .016 (a)</td> </tr> <tr> <td>Exhaust</td> <td style="text-align: center;">Std.: Hyd Opt.: .028 (a)</td> </tr> </table>						Intake	Std.: Hyd Opt.: .016 (a)	Exhaust	Std.: Hyd Opt.: .028 (a)
Intake	Std.: Hyd Opt.: .016 (a)									
Exhaust	Std.: Hyd Opt.: .028 (a)									
Timing marks on flywheel, damper, other	Stationary indicator on chain case cover									

(Continued)

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(a) With 292° - 292° camshaft: Intake .016 (cold), Exhaust .018 (cold).

With 308° - 308° camshaft: Intake .022 (cold), Exhaust .026 (cold).

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High Performance Options

MAKE OF CAR		MODEL YEAR		DATE ISSUED		REVISED	
MODEL		361, 383, and 413 Cu In. with 4-bbl and 2, 4-bbl Runner		413 Cu In. with 2, 4-bbl Ram			
ENGINE—VALVE SYSTEM (cont.)		Hydraulic Mechanical Optional Camshafts		Optional Camshafts			
Timing	Intake	Opens ($^{\circ}$ BTC)	22	22	24	25	31
		Closes ($^{\circ}$ ABC)	66	66	72	79	81
		Duration - deg.	268	268	276	284	292
	Exhaust	Opens ($^{\circ}$ BBC)	62	62	62	74	76
		Closes ($^{\circ}$ ATC)	26	26	34	30	36
		Duration - deg.	268	268	276	284	292
	Valve opening overlap		48	48	58	55	67
	Material		SAE 1041				
	Overall length		4.87				
	Actual overall head dia.		2.08				
Intake	Angle of seat & face		45°				
	Seat insert material		None				
	Stem diameter		.37				
	Stem to guide clearance		.001 - .003				
	Lift @ Zero Lash		.444	.450	.449	.490	.520
	Outer spring press. and length	Valve closed (lb. @ in.)	Std.: 100 @ 1.86			Std.: 90 @ 1.86	(a)
		Valve open (lb. @ in.)	Opt.: 90 @ 1.86			Opt.: 95 @ 1.86	(a)
	Inner spring press. and length	Valve closed (lb. @ in.)	Std.: 195 @ 1.47			Std.: 226 @ 1.43	
		Valve open (lb. @ in.)	Opt.: 226 @ 1.43			Opt.: 261 @ 1.36	(a)
Exhaust	Outer spring press. and length	Valve closed (lb. @ in.)	Damper only			Std.: Damper only	
		Valve open (lb. @ in.)	---			Opt.: 30 @ 1.56	
	Inner spring press. and length	Valve closed (lb. @ in.)	---			Std.: ---	
		Valve open (lb. @ in.)	---			Opt.: 77 @ 1.13	
	Material		21-4N				
	Overall length		4.87				
	Actual overall head dia.		Std.: 1.60; Opt.: 1.74 or 1.88				
	Angle of seat & face		45°				
	Seat insert material		None				
	Stem diameter		.37				
	Stem to guide clearance		.002 - .004				
	Lift @ Zero Lash		.456	.455	.454	.490	.520
	Outer spring press. and length	Valve closed (lb. @ in.)	Std.: 100 @ 1.86			Std.: 90 @ 1.86	
		Valve open (lb. @ in.)	Opt.: 90 @ 1.86			Opt.: 95 @ 1.86	(a)
	Inner spring press. and length	Valve closed (lb. @ in.)	Std.: 195 @ 1.47			Std.: 226 @ 1.43	
		Valve open (lb. @ in.)	Opt.: 226 @ 1.43			Opt.: 261 @ 1.36	(a)

ENGINE—LUBRICATION SYSTEM

Main bearings	See Page 5, Primary AMA
Connecting rods	"
Piston pins	"
Camshaft bearings	"
Tappets	"
Timing gear or chain	"
Cylinder walls	"

(Continued)

(a) Optional valve springs: Valve open - 120 @ 1.86, Valve closed - 305 @ 1.39.

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High Performance Options

MAKE OF CAR PLYMOUTH V-8

MODEL YEAR 1962

DATE: ISSUED 11-22-61

REVISED

MODEL

All Models

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	See Page 6, Primary AMA
Normal oil pressure (lb. @ engine rpm)	"
Oil pressure sending unit (elect. or mech.)	"
Type oil intake (floating, stationary)	"
Oil filter system (full flow, partial, other)	"
Filter replacement (element, complete)	"
Capacity of crankcase, less filter-refill (qt.)	Std.: Four; Opt.: Five
Oil grade recommended (SAE viscosity and temperature range)	See Page 6, Primary AMA
Engine Service Requirement (MM, MS, etc.)	

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	Two, reverse-flow
Exhaust pipe dia. (O.D., Branch wall thickness)	None
Main	Std.: 2.25, Opt.: 3.0
Tail pipe diameter (O.D. & wall thickness)	Std.: 1.88, Opt.: 2.25

ENGINE—FUEL SYSTEM

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

Induction type: Carburetor, fuel injection, supercharger.	See Page 6, Primary AMA
Fuel Tank	Capacity (gals.)
	Filler location
Fuel Pump	Type (elec. or mech.)
	Locations
	Pressure range
Vacuum booster (std., optional, none)	"
Fuel Filter	Type
	Locations
	Make & Model No.
Corburetor	Number of carbs., bbls. per carb. & type
	Barrel size
	Choke type
	Intake manifold heat control (exhaust or water)
	Air clnr. type
	Standard
	Optional

See Page 6A

"

"

Std. - Manual, Opt. - Automatic

Exhaust

See Page 6, Primary AMA

"

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High Performance Options

MAKE OF CAR PLYMOUTH V-8 **MODEL YEAR** 1962 **DATE: ISSUED** 11-16-61 **REVISED** _____

MODEL _____

ENGINE-COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		See Page 7, Primary AMA	
Radiator cap relief valve pressure		"	
Circulation thermostat	Type (choke, bypass)	"	"
	Starts to open at (°F)	"	"
Water pump	Type (centrifugal, other)	"	"
	Number of pumps	"	"
	Drive (V-belt, other)	"	"
Bearing type		"	
By-pass recirculation type (internal, external)		"	
Radiator core type (cellular, tube and fin, other)		"	
Cooling system capacity	With heater (qt.)	"	"
	Without heater (qt.)	"	"
	Opt. equipment-specify (qt.)	"	"
Water jackets full length of cylinder (yes, no)		"	
Water all around cylinder (yes, no)		"	
Radiator hose	Lower	Number and type (molded, straight)	"
		Inside diameter	"
	Upper	Number and type (molded, straight)	"
		Inside diameter	"
Fan	By-pass	Number and type (molded, straight)	"
		Inside diameter	"
	Number of blades & Spacing		Std.; Four, 76° - 104°; Opt.: Seven, 60° - 45° - 59° - 47° - 54° - 50° - 45°
	Diameter		Std. - 18, Opt. - 16 (4-blade)
*Drive belts (indicate belt used by letter)	Ratio-fan to crankshaft rev.		Std. - .95 to 1, Opt. - .89 to 1 (a)
	Fan cutout type		Std. - None; Opt. - Silent-Flite
	Bearing type		See Page 7, Primary AMA
Fan		"	
Generator		"	
Water Pump		"	
Power Steering		"	
Air Conditioning		"	

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* Drive Belt Dimensions	See Supplement to Page 7, Primary AMA	
Angle of V	"	
Nominal length (SAE)	"	
Width	"	

(a) Optional fan diameter has a special deep-groove pulley.

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High Performance Options

MAKE OF CAR PLYMOUTH V-8 **MODEL YEAR** 1962 **DATE ISSUED** 11-16-61 **REVISED**

SUPPLEMENTARY INFORMATION

MODEL

Car	Engine Displ.	Trans- mission	CARBURETOR		No. Used and Type	Barrel Size	
			Make	Model			
All Models	361	Std.	All	Carter	Front: AFB-2790-S Rear: AFB-2791-S	2, 4-bbl Runner	
		Opt.	All	Carter	Front: AFB-3258-S Rear: AFB-3259-S	2, 4-bbl Runner	
	383	Std.	All	Carter	AFB-3438-S	1, 4-bbl	
		Opt.	All	Carter	AFB-3397-S	1, 4-bbl Large Bore	
					Front: AFB-2790-S Rear: AFB-2791-S	2, 4-bbl Runner	
				Carter	Front: AFB-3258-S Rear: AFB-3259-S	2, 4-bbl Runner	
					AFB-3251-S	1, 4-bbl	
	413	Std.	All	Carter	AFB-3397-S	1, 4-bbl Large Bore	
		Opt.	All		Front: AFB-2790-S Rear: AFB-2791-S	2, 4-bbl Runner	
					Front: AFB-3258-S Rear: AFB-3259-S	2, 4-bbl Runner	
					(2) AFB-2903-S	2, 4-bbl Ram	
					(2) AFB-3447-S	2, 4-bbl Ram	

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MAKE OF CAR	PLYMOUTH V-8	MODEL YEAR	1962	DATE: ISSUED	11-16-61 REVISED
MODEL		361, 383, & 426 2, 4-bbl Runner		383 and 413 Cu In. 4-bbl; 413 Cu In. 2, 4-bbl Ram	

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	See Page 8, Primary AMA		
	Voltage Rtg. & Total Plates	"		
	SAE Designation & Amp Hr. Rtg	"		
	Location	Std. - Left front engine compartment Opt. - Right rear luggage compartment		
Generator Alternator	Terminal grounded	Negative		
	Make	Chrysler		
	Model	2098265		
	Type	3-phase, full-wave rectifier		
Regulator	Ratio—Gen. to Cr/s rev.	2.32		1.71
	Gen. cut-in (hot) —engine rpm	360		490
	Make	See Page 8, Primary AMA		
	Model	"		
	Type	"		
	Cutout relay	Closing voltage @ generator rpm	"	
		Reverse current to open	"	
	Regulated	Voltage	"	
		Current	"	
	Voltage test conditions	Temperature	"	
		Load	"	
		Other	"	

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	"				
	Model	"				
	Rotation (drive end view)	"				
	Engine cranking speed	"				
	Test conditions	"				
	Lock test	Amps	"			
		Volts	"			
		Torque (lb. ft.)	"			
	No load test	Amps	"			
		Volts	"			
		RPM (min.)	"			
Motor control	Switch (solenoid, manual)	"				
	Starting procedure	"				

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MAKE OF CAR	PLYMOUTH V-8	MODEL YEAR	1962	DATE: ISSUED	11-16-61	REVISED
MODEL		361 & 383 Cu In.		413 Cu In.		

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type	Solenoid		
	Pinion meshes (front, rear)	Front		
	Number of teeth	Manual Trans. - 9	Automatic Trans. - 10	
	Pinion	Manual Trans. - 172	Automatic Trans. - 130	
	Flywheel			.340
	Flywheel tooth face width			

ELECTRICAL—IGNITION SYSTEM

Coil	Make	Autolite or Essex with Chrysler ballast resistor				
	Model	200567 or 62-160-2				
	Amps	Engine stopped	3.0			
		Engine idling	1.9			
Distributor	Make	Autolite				
	Model	IBS-4006-G	IBS-4011-A			
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm) 0 @ 550 to 850 Intermediate points deg. @ rpm 0 - 3 @ 850 7 - 9 @ 1550 Max deg. @ rpm 11 - 13 @ 4100	0 @ 650 to 950 0 to 8 @ 950 9 to 13 @ 1280 18 to 22 @ 4800			
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg) 0 @ 7.5 to 9.2 Intermediate points, deg @ in Hg. 9 to 15 @ 12 Max. deg. in. Hg. 19 to 25 @ 16	0 @ 7.2 to 8.9 9 to 15 @ 12 15 to 21 at 14.5			
	Breaker gap (in.)	.014 - .019				
	Cam angle (deg.)	Each Set - 27 - 32; Both sets - 34 - 40				
	Breaker arm tension (oz.)	17 - 21.5				
	Crankshaft deg. @ rpm.	10 BTC @ 500				
	Mark location	Stationary indicator on chain case cover				
Timing	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				
	Make and model	Std. - Champion J9Y, Opt. - Champion J-79				
Spark Plug	Thread (mm)	14-mm				
	Tightening torque (lb. ft.)	30 - 32				
	Gap	.035				
Cable	Conductor type	Std. - Resistor; Opt. - Stainless steel core				
	Insulation type	Synthetic rubber with neoprene jacket (a)				
	Spark plug protector	Silicone				

ELECTRICAL—SUPPRESSION

Locations & type	Resistance-type spark plug and coil leads.
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(a) Optional: 7-mm silicon with glass inner braid.

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MAKE OF CAR PLYMOUTH V-8 **MODEL YEAR** 1962 **DATE: ISSUED** 11-16-61 **REVISED (•)**

All Options

MODEL

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type		Borg and Beck, dry plate, semi-centrifugal
Type pressure plate springs		Coil
Effective plate pressure (lb.)		2235
No. of clutch driven discs		One
Clutch facing	Material	Molded woven asbestos
	Outside & inside dia.	10.5 x 6.5
	Total eff. area (sq.in.)	106.8
	Thickness	.135
	Engagement cushioning method	Flat springs, crimped
Release bearing	Type & method of lubrication	Sealed ball bearings, permanently lubricated
Torsional damping	Methods: springs, friction material	Coil springs

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	Std.
Manual with overdrive (std. or opt.)	NA
Automatic (std. or opt.)	Opt.

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	Std.: Three	Opt.: Three	Opt.: Four
Transmission ratios.	In first	2.55	2.20
	In second	1.49	1.66
	In third	1.00	1.31
	In fourth	---	1.00
	In reverse	2.34	2.26
Synchronous meshing, specify gears	2nd & 3rd		All forward speeds
Shift lever location	Std. - Steering column; Opt. - Floor		
Lubricant	Capacity (pt.)	4.5	2.5
	Type recommended	(a)	MPGL
	SAE viscosity number	(a)	SAE 90
	Summer	(a)	SAE 90
	Winter	(a)	SAE 80
	Extreme cold	(a)	SAE 80

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(a) Automatic Transmission Fluid, Type "A", Suffix "A".

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High Performance Options

MAKE OF CAR	PLYMOUTH V-8	MODEL YEAR	1962	DATE ISSUED	11-17-61	REVISED (e)
MODEL	361 & 383 2, 4-bbl Runner, 413 4-bbl	383 4-bbl		413 2, 4-bbl Runner and 2, 4-bbl Ram		

DRIVE UNITS—PROPELLER SHAFT

Number used		See Page 15, Primary AMA			
Type (exposed, torque tube)		"			
Outer diameter x length* x wall thickness	Manual transmission	"			
	Overdrive transmission	"			
	Automatic transmission	"			
Intermediate bearing	Type (plain, anti-friction)	"			
	Lubrication (fitting, prepack)	"			
Universal joints	Make	"			
	Number used	"			
	Type (ball and trunnion, cross, other)	"			
	Bearing	Type (plain, anti-friction)	"		
		Lubric. (fitting, prepack)	"		
Drive taken through (torque tube or arms, springs)		"			
Torque taken through (torque tube or arms, springs)		"			

DRIVE UNITS—REAR AXLE

Description – (incl. limited slip differential)		"		
Drive Pinion Offset		"		
No. of differential pinions		"		
Gear ratio and No. of teeth	Manual transmission	3.23 (13-42) (a)	2.93 (14-41) (a)	3.91 (11-43) (a)
	Overdrive transmission		None	
	Automatic transmission	3.23 (13-42) (a)		3.91 (11-43) (a)
Ring gear pitch diameter & O.D.		See Page 15, Primary AMA		
Pinion adjustment (shim, other)		"		
Pinion bearing adj. (shim, other)		"		
Wheel bearing type		"		
Lubricant	Capacity (pt.)	"		
	Type recommended	"		
	SAE viscosity number	Summer	"	
		Winter	"	
	Extreme cold	"		

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

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(a)

Optional ratios: 2.76 (17-47), 2.93 (14-41), 3.15 (13-41), 3.23 (13-42), 3.31 (13-43), 3.36 (11-37), 3.42 (12-41), 3.55 (11-39), 3.58 (12-43), 3.73 (11-41), 4.10 (10-41), 4.30 (10-43), 4.56 (9-41), 4.89 (9-44), 5.12 (8-41), 5.38 (8-43), 5.57 (7-39), 5.83 (6-35), 6.17 (6-37). All available in Sure-Grip.

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MAKE OF CAR PLYMOUTH V-8 **MODEL YEAR** 1962 **DATE: ISSUED** 11-22-61 **REVISED** (•)

MODEL

All Models

DRIVE UNITS—WHEELS

Type & material	Disc, steel	
Rim (size and flange type)	Std. - 14 x 5.5 K, Opt. - 14 x 6.5 K (rear only)	
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	Std. - 7.00 x 14; Opt. - Front 7.50 x 14, Rear 9.00 x 14
	Type - Nylon, etc.	See Page 16, Primary AMA
Rev/mile at 30 mph.		"
Inflation press.(cold)	Front	"
	Rear	"

BRAKES—SERVICE

Type (duo-servo, balanced, self adjusting, etc.)			"				
Power brake make & type (remote, integral, etc.)			"				
Effective area (sq. in.)*			"				
Gross lining area (sq. in.)**			"				
Swept drum area (sq. in.)***			"				
Percent brake effectiveness—front			"				
Drum	Diameter	Front	"				
		Rear	"				
Type and material			"				
Bonded or riveted			"				
Brake lining	Front Shoe	Material	"				
	Front Shoe	Size (length x width x thickness)	Front wheel	"			
			Rear wheel	"			
	Segments per shoe			"			
	Rear Shoe	Material			"		
	Rear Shoe	Size (length x width x thickness)	Front wheel			"	
			Rear wheel			"	
	Segments per shoe					"	
Wheel cylinder bore	Front					"	
	Rear					"	
Master cylinder bore							"
Available pedal travel							"
Line pressure at 100 lb. pedal load							"
Shoe clearance adjustment							"

* Excludes rivet holes, grooves, chamfers, etc.

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

*** Total swept areas for four brakes:

Widest lining contact width for each brake x its drum circumference.

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