AMA Specifications – Passenger Car

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MANUFACTURER	CAR NAME	
CHRYSLER-PLYMOUTH DIVISION CHRYSLER CORPORATION	PLYMOUTH	
MAILING ADDRESS	MODEL YEAR	ISSUED: 11-9-62
DETROIT 31, MICHIGAN	1963	REVISED (•) 4-22-63

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 standard models without optional equipment. Significant deviations are noted.
   b. Nominal design dimensions are used throughout these specifications.

TABLE OF CONTENTS

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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MAKE OF CAR HIGH-PERFORMANCE OPTIONS MODEL YEAR 1963 DATE ISSUED 11-9-62 REVISED(•) 4-22-63

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL		Additional Information Page No.:	383 Cu In.		426 Cu In.			
			1, 4-bbl	2, 4-bbl Runner	1, 4-bbl		2, 4-bbl Ram	
Wheelbase (L101)		23	See Page 1, Primary AMA					
Tread	Front (W101)	22	"					
	Rear (W102)	22	"					
Maximum Overall Dimensions	Length (L103)	23	"					
	Width (W103)	22	"					
	Height (H101)	24	"					
Transmission—(Specify trade name - opt., not available)	Manual	15	Std.					
	Overdrive	16	NA					
	Automatic	16	Opt.					
Axle ratio	Manual	17	See Page 17					
	Overdrive	17	---					
	Automatic	17	See Page 17					
Tire size		18	Std.: 7.00 x 14 Opt.: 7.50 x 14 (a)		7.50 x 14 (a)			
Engine	Type, no. cyl., valve arr.	2	90° V-8, OHV					
	Fuel system (Carb., other)	8	1, 4-bbl	2, 4-bbl Runner	1, 4-bbl		2, 4-bbl Ram	
	Bore and stroke	2	4.25 x 3.38		4.25 x 3.75			
	Piston displ., cu.in.	2	383		426			
	Std. compression ratio	2	11.0		11.0	12.5	11.0	13.5 •
	Max. bhp at engine rpm	2	320 @ 4600	325 @ 5200	370 @ 4600	385 @ 5200	415 @ 5600	425 @ 5600 •
	Max. torque at rpm	2	430 @ 2800	420 @ 3600	460 @ 2800	465 @ 3600	470 @ 4400	480 @ 4400 •

(a) Option for rear wheels only: 9.00 x 14.

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HIGH-PERFORMANCE OPTIONS

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MODEL _____

ENGINE—GENERAL

		383 Cu In.		426 Cu In.			
		1, 4-bbl	2, 4-bbl Runner	1, 4-bbl		2, 4-bbl Ram	
Type, no. cyls., valve arr.		90° V-8, OHV					
Bore and stroke (nominal)		4.25 x 3.38		4.25 x 3.75			
Piston displacement, cu. in.		383		426			
Bore spacing (C/L to C/L)		4.8					
No. system (front to rear)	L. Bank	1 - 3 - 5 - 7					
	R. Bank	2 - 4 - 6 - 8					
Firing order		1 - 8 - 4 - 3 - 6 - 5 - 7 - 2					
Compres. ratio (nominal)		11.0		11.0	12.5	11.0	13.5 •
Cylinder Head Material		Cast Iron					
Cylinder Block Material		Cast Iron					
Cylinder Sleeve-Wet, dry, none		None					
Number of mounting points	Front	Two					
	Rear	One					
Engine installation angle		1.1° Right, 2.6° Up					
Taxable horsepower $\frac{\text{Dia.}^2 \times \text{No. Cyl.}}{2.5}$		57.8					
Published max. bhp* @ eng. RPM		320 @ 4600	325 @ 5200	370 @ 4600	385 @ 5200	415 @ 5600	425 @ 5600 •
Published max. torque* (lb. ft. @ RPM)		430 @ 2800	420 @ 3600	460 @ 2800	465 @ 3600	470 @ 4400	480 @ 4400 •
Recommended fuel regular - premium		Premium					
Idle speed (spec. neutral or drive)	Manual	700 - 800					
	Automatic	700 - 800					

ENGINE—PISTONS

Material			Cast aluminum alloy (a)				
Description and finish			Slipper-type, steel strut, elliptically-turned, tin-plated				
Weight (piston only) oz.			27.1	27.5			
Clearance (limits)	Top land		.032 - .038	.043 - .047			
	Skirt	Top	.0005 - .0015	(b)	(c)	(b)	(c)
		Bottom	---				
Ring groove depth	No. 1 ring		.220	.215			
	No. 2 ring		.220	.220			
	No. 3 ring		.208				
	No. 4 ring		None				

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

(a) Optional - Forged aluminum alloy, domed, trunk-type; available on the 426 cu in. engine.

(b) .0035 - .0045.

(c) .008 - .010.

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POWER TEAMS
(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION		AXLE RATIO (Std. first)
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM			
ALL SAVOY, BELVEDERE, FURY, AND SPORT FURY MODELS	383	1, 4-bbl	11.0	320 @ 4600	430 @ 2800	Manual	3-Speed	3.23 (a)
							4-Speed	3.55 (a)
						Automatic		3.23 (a)
		2, 4-bbl Runner		325 @ 5200	420 @ 3600	Manual	3-Speed	3.23 (a)
							4-Speed	3.55 (a)
						Automatic		3.23 (a)
	426	1, 4-bbl	11.0	370 @ 4600	460 @ 2800	Manual	3-Speed	3.91 (a)
							4-Speed	3.55 (a)
						Automatic		3.91 (a)
			• 12.5	• 385 @ 5200	• 465 @ 3600	Manual	3-Speed	3.91 (a)
							4-Speed	3.55 (a)
						Automatic		3.91 (a)
		2, 4-bbl Ram	11.0	415 @ 5600	470 @ 4400	Manual	3-Speed	3.91 (a)
							4-Speed	3.55 (a)
						Automatic		3.91 (a)
			13.5	425 @ 5600	480 @ 4400	Manual	3-Speed	3.91 (a)
							4-Speed	3.55 (a)
						Automatic		3.91 (a)

(a) SEE PAGE 17 FOR OPTIONAL REAR AXLE RATIOS.

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HIGH-PERFORMANCE OPTIONS

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MODEL	383 Cu In.	426 Cu In.

ENGINE—RINGS

Function (top to bottom)	No. 1, oil or comp.	See Primary AMA	
	No. 2, oil or comp.	"	
	No. 3, oil or comp.	"	
	No. 4, oil or comp.	---	
Compression	Description - material, type, coating, etc.	Description, See Primary AMA	
		Tin Plated	#1 - Chrome, #2 Tin-Plated
	Width	See Primary AMA	
	Gap	"	
Oil	Description - material, type, coating, etc.	"	
	Width	"	
	Gap	"	
Expanders		"	

ENGINE—PISTON PINS

Material			"
Length			"
Diameter			"
Type	Locked in rod, in piston, floating, etc.		"
	Bushing	In rod or piston	"
		Material	"
Clearance	In piston		"
	In rod		"
Direction & amount offset in piston			"

ENGINE—CONNECTING RODS

Material		"
Weight (oz.)		"
Length (center to center)		"
Bearing	Material & Type	"
	Overall length	"
	Clearance (limits)	"
	End play	"

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ENGINE—CRANKSHAFT

			MODEL 383 Cu In.	MODEL 426 Cu In.
Material			See Primary AMA	
Vibration damper type			"	
End thrust taken by bearing (No.)			"	
Crankshaft end play			"	
Main bearing	Material & type		Std.: See Primary AMA Opt.: Copper-lead babbitt	
	Clearance		Std. - .0005 - .0015; Opt. - .002 - .004	
	Journal dia. and bearing overall length	No. 1	2.625 x 1.019	2.749 x 1.019
		No. 2	2.625 x 0.971	2.749 x 0.971
		No. 3	2.625 x 0.994	2.749 x 0.994
		No. 4	2.625 x 0.971	2.749 x 0.971
		No. 5	2.625 x 0.927	2.749 x 0.927
		No. 6	---	
		No. 7	---	
	Dir. & amt. cyl. offset		None	
Crankpin journal diameter			2.374	2.373

ENGINE—CAMSHAFT

Location			See Primary AMA
Material			"
Bearings	Material		"
	Number		"
Type of Drive	Gear or chain		"
	Crankshaft gear or sprocket material		"
	Camshaft gear or sprocket material		"
	Timing chain	No. of links	"
		Width	"
		Pitch	"

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		Mechanical
Valve rotator, type (intake, exhaust)		Std.: Low-friction lock on exhaust Opt.: Single-bead lock
Rocker ratio		1.5
Operating tappet clearance (indicate hot or cold)	Intake	.016 (a)
	Exhaust	.028 (a)
Timing marks on flywheel, damper, other		Stationary indicator on chain case cover

(Continued)

(a) With 300° - 300° and 300° - 308° camshafts: Intake .028 (cold), exhaust .032 (cold). •

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MODEL

Optional Camshafts
All Models

ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	22	24	33	38	33	•
		Closes (°ABC)	66	72	87	82	87	•
		Duration - deg.	268	276	300	300	300	•
	Exhaust	Opens (°BBC)	62	62	78	76	87	•
		Closes (°ATC)	26	34	42	44	41	•
		Duration - deg.	268	276	300	300	308	•
	Valve opening overlap		48	58	75	82	74	•
Intake	Material		SAE 1041					
	Overall length		4.87					
	Actual overall head dia.		2.08					
	Angle of seat & face		45°					
	Seat insert material		None					
	Stem diameter		.37					
	Stem to guide clearance		.001 - .003					
	Lift (@ zero lash)		.444	.450	.509	.520		•
	Outer spring press. and length	Valve closed (lb. @ in.)	95 @ 1.86 (a)					
		Valve open (lb. @ in.)	266 @ 1.36 (a)					
	Inner spring press. and length	Valve closed (lb. @ in.)	30 @ 1.56					
		Valve open (lb. @ in.)	77 @ 1.13					
Exhaust	Material		21-4N					
	Overall length		4.87					
	Actual overall head dia.		Std. 1.60, Opt. 1.74			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	.509	.520		•
	Outer spring press. and length	Valve closed (lb. @ in.)	95 @ 1.86					•
		Valve open (lb. @ in.)	266 @ 1.36					•
	Inner spring press. and length	Valve closed (lb. @ in.)	30 @ 1.56					•
		Valve open (lb. @ in.)	77 @ 1.13					•

ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	See Primary AMA
	Connecting rods	"
	Piston pins	"
	Camshaft bearings	"
	Tappets	"
	Timing gear or chain	"
	Cylinder walls	"

(Continued)

(a) Spring load does not include effect of damper spring.

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MODEL

ENGINE—LUBRICATION SYSTEM (cont.)

	383 Cu In.	426 Cu In.
Oil pump type	See Primary AMA	
Normal oil pressure (lb. @ engine rpm)	"	
Oil pressure sending unit (elect. or mech.)	"	
Type oil intake (floating, stationary)	Stationary	Swinging
Oil filter system (full flow, partial, other)	See Primary AMA	
Filter replacement (element, complete)	"	
Capacity of crankcase, less filter-refill (qt.)	Five	
Oil grade recommended (SAE viscosity and temperature range)	See Primary AMA	
Engine Service Requirement (MM, MS, etc.)	MS	

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. & wall thickness)	Branch	None
	Main	Std. 2.25, Opt. 3.0
Tail pipe diameter (O.D. & wall thickness)		Std. 1.88, Opt. 2.0

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., Induction system, other)		Standard	See Primary AMA
		Optional	"
Control unit	Make and model		"
	Location		"
	Energy source (manifold vacuum, carburetor air stream, other)		"
	Control method (variable orifice, fixed orifice, other)		"
Complete system	Discharges (to intake manifold, carb. air intake, air cleaner intake, other		"
	Air inlet (breather cap, carburetor air cleaner, other)		"
	Flame arrestor (screen, check valve, other)		"

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MODEL: All Models

ENGINE—FUEL SYSTEM

(See Supplement to Page 8 for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.			See Primary AMA
Fuel Tank	Capacity (gals.)		"
	Filler location		"
Fuel Pump	Type (elec. or mech.)		"
	Locations		"
	Pressure range		Std. 4 to 5.5, Opt. 8 to 10
Vacuum booster (std., optional, none)			See Primary AMA
Fuel Filter	Type		"
	Locations		"
Carburetor	Choke type		Std. - Manual, Opt. - Automatic
	Intake manifold heat control (exhaust or water)		Std. - None, Opt. - Exhaust
	Air clnr. type	Standard	See Primary AMA
		Optional	"

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage		Engine Displ.	Transmission	Carburetors Make	Carburetors Model	No. Used and Type	Barrel Size
ALL MODELS	Std.	383	All	Carter	AFB-3437-S	1, 4-bbl	P: 1.44 S: 1.56
	Opt.				AFB-3397-S	1, 4-bbl Large Bore	P: 1.62 S: 1.69
					AFB-3559-S		P: 1.69 S: 1.69
					F: AFB-3258-S R: AFB-3259-S	2, 4-bbl Runner	P: 1.44 S: 1.56
	Std.	426			AFB-3559-S	1, 4-bbl Large Bore	P: 1.69 S: 1.69
	Opt.			Holley	R-2814-A		P: 1.69 • S: 1.69
	Std.			Carter	(2) AFB-3705-S	2, 4-bbl Ram	P: 1.69 • S: 1.69

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MODEL All Models

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)			See Primary AMA
Radiator cap relief valve pressure			"
Circulation thermostat	Type (choke, bypass)		"
	Starts to open at (°F)		"
Water pump	Type (centrifugal, other)		"
	GPM @ 1000 pump rpm		"
	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	"
	By-pass	Number and type (molded, straight)	"
		Inside diameter	"
Fan	Number of blades & Spacing		Std - Four, 76° - 104°; Opt - Seven, 60° - 45° - 59° - 47° - 54° - 50° - 45° (b) •
	Diameter		Std. 18, Opt. 16 (4-blade)
	Ratio-fan to crankshaft rev.		Std. ,95 to 1, Opt. ,89 to 1 (a)
	Fan cutout type		Std. - None, Opt. - Silent-Flite (b) •
	Bearing type		See Primary AMA
*Drive belts (indicate belt used by letter)	Fan		"
	Generator		"
	Water Pump		"
	Power Steering		"
	Air Conditioning		"

* Drive Belt Dimensions	See Primary AMA
Angle of V	"
Nominal length (SAE)	"
Width	"

(a) Optional fan has a special deep-groove pulley.
(b) Silent-Flite and 7-blade fan are standard for the 426-cu in. 2, 4-bbl Ram Version.

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MODEL

			383 Cu In.	426 Cu In.
ELECTRICAL—SUPPLY SYSTEM				
Battery	Make and Model		See Primary AMA	
	Voltage Rtg. & Total Plates		"	
	SAE Designation & Amp Hr. Rtg		" (a)	•
	Location		Std. - Left front engine compartment Opt. - Right rear luggage compartment (a)	•
	Terminal grounded		Negative	
Alternator	Make		Chrysler	
	Model		2098300	
	Type		3-phase, full-wave rectifier	
	Ratio—Gen. to Cr/s rev.		Std. 2.32, Opt. 1.71	1.71
	Gen. cut-in (hot)—engine rpm		See Primary AMA	
Regulator	Make		"	
	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		"	

(Continued)

(a) 90 amp-hr battery is standard in right rear luggage compartment for the 2, 4-bbl Ram version of the 426-cu in. engine.

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MODEL

			383 Cu In.		426 Cu In.	
			Manual Transmission	Automatic Transmission	Manual Transmission	Automatic Transmission
ELECTRICAL—STARTING SYSTEM (cont.)						
Motor Drive	Engagement type		Solenoid			
	Pinion meshes (front, rear)		Front			
	Number of teeth	Pinion	9	10	9	10
		Flywheel	172	130	172	130
	Flywheel tooth face width		.340			
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		IBB-4202	
	Cent'fgal adv. in crankshaft degrees@ engine rpm (nominal)	Start (rpm)	0 @ 550 to 850		0 @ 850-1150	
		Intermediate points deg.@rpm	0 - 3 @ 850 7 - 9 @ 1550		0 - 7 @ 1150	
		Max deg. @ rpm	11 - 13 @ 4100		22 - 26 @ 2060	
	Vacuum adv. in crankshaft degrees@ in. Hg. (nominal)	Start (in Hg)	0 @ 7.5 to 9.2		None	
		Intermediate points, deg@in Hg	9 - 15 @ 12		None	
		Max. deg. in. Hg.	19 - 25 @ 16		None	
	Breaker gap (in.)		.014 - .019			
	Cam angle (deg.)		Each Set - 27 - 32, Both Sets - 34 - 40			
	Breaker arm tension (oz.)		17 - 21.5		Maximum 30	
Timing	Crankshaft deg. @ rpm.		10 BTC @ 500		10 BTC @ 800	
	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		Champion J9Y			
	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

(a) Optional: 7-mm silicon with glass inner braid.

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MODEL

	383 Cu In.		426 Cu In.	
	3-Speed	4-Speed	3-Speed	4-Speed

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type		Borg & Beck, dry plate, semi-centrifugal
Type pressure plate springs		Coil
Effective plate pressure (lb.)		2370
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	See Primary AMA
Release bearing	Type & method of lubrication	"
Torsional damping	Methods: springs, friction material	"

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		Three	Four	Three	Four
Transmission ratios	In first	2.55	2.20	2.10	2.20
	In second	1.49	1.66	1.445	1.66
	In third	1.00	1.31	1.00	1.31
	In fourth	--	1.00	--	1.00
	In reverse	3.34	2.26	2.66	2.26
Synchronous meshing, specify gears		2nd & 3rd	All forward speeds	2nd & 3rd	All forward speeds
Shift lever location		Std. - Strg. column, Opt. - Floor		Floor	
Lubricant	Capacity (pt.)	See Primary AMA			
	Type recommended	"			
	SAE viscosity number — Summer	"			
	SAE viscosity number — Winter	"			
	SAE viscosity number — Extreme cold	"			

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MODEL

	383 Cu In.		426 Cu In.	
	3-Speed Transmission	4-Speed Transmission	3-Speed Transmission	4-Speed Transmission

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)		See Primary AMA	
	Manual lockout (yes, no)		"	
	Downshift acelerator control (yes, no)		"	
	Minimum cut-in speed		"	
	Gear ratio		"	
	Lubricant	Capacity (pt.) (Overdrive only)	"	
		Separate filler (yes, no)	"	
		Type recommended	"	
		SAE viscosity number — Summer	"	
		SAE viscosity number — Winter	"	
		SAE viscosity number — Ext. cold	"	

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name		"	
Type describe		For description, See Primary AMA	
		Hi-Speed Governor	Extra Hi-Speed Governor
Method of Selection (Lever, Push Button or other)		See Primary AMA	
Selector Pattern		"	
List gear ratios Selector Pattern and indicate which are used in each selector position		"	
Max. upshift speeds—drive range		"	
Max. kickdown speeds—drive range		"	
Torque convertor	Number of elements	"	
	Max. ratio at stall	"	
	Type of cooling (air, water)	"	
Lubricant	Capacity—refill (pt.)	"	
	Type recommended	"	
Special transmission features		"	

DRIVE UNITS—PROPELLER SHAFT

Number used		One			
Type (exposed, torque tube)		Exposed			
Outer diameter x length* x wall thickness	Manual transmission	3.00 x 55.8 x .065	3.00 x 53.6 x .065	3.00 x 54.0 x .065	3.00 x 53.6 x .065
	Overdrive transmission				
	Automatic transmission	2.75 x 53.6 x .065	---	2.75 x 53.6 x .065	---

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

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR HIGH-PERFORMANCE OPTIONS MODEL YEAR 1963 DATE ISSUED 11-9-62 REVISED (*)

MODEL

	383 Cu In.			426 Cu In.		
	Manual Trans.		Automatic	Manual Trans.		Automatic
	3-Speed	4-Speed	Transmission	3-Speed	4-Speed	Transmission

DRIVE UNITS—PROPELLER SHAFT (cont.)

Intermediate bearing	Type (plain, anti-friction)		See Primary AMA
	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 (see instructions)							"
Limited Slip differential, type							"
Drive Pinion Offset							"
No. of differential pinions							"
Gear ratios (Std. equip.) (a)	Manual transmission	3.23	3.55	---	3.91	3.55	---
	Overdrive transmission						
	Automatic transmission	---		3.23	---		3.91
Ring gear O.D. (std. ratio)							See 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					"

(a) The following axle ratios are available for all models; all are available with Sure-Grip.

Axle ratio		2.76	2.93	3.15	3.23	3.31	3.42	3.55	3.58	3.73	3.91	4.10	4.30	4.56	4.89	5.12	5.38	5.57	5.83	6.17
No. of teeth	Pinion	17	14	13	13	13	12	11	12	11	11	10	10	9	9	8	8	7	6	6
	Ring gear	47	41	41	42	43	41	39	43	41	43	41	43	41	44	41	43	39	35	37

AMA Specifications – Passenger Car

MAKE OF CAR HIGH-PERFORMANCE OPTIONS MODEL YEAR 1963 DATE ISSUED 11-9-62 REVISED (•)

MODEL

	383 Cu In.	426 Cu In.

DRIVE UNITS—WHEELS

Type & material			Disc, steel
Rim (size and flange type)		Std.	14 x 5.5 K
		Opt.	14 x 6.5 K (On rear only with 9.00 x 14 tires)
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	7.00 x 14, 2	7.50 x 14, 4
	Type - Nylon, etc.	Rayon	
Rev/mile at 50 mph.		See Primary AMA	
Inflation press.(cold)	Front	"	
	Rear	"	
Optional tires - size and ply		7.00 x 14, 4 7.50 x 14, 4 Rear Only: 9.00 x 14, 4	7.50 x 14, 2 Rear Only: 9.00 x 14, 4

BRAKES—SERVICE

Type (duo-servo, disc, balanced, etc.)			See Primary AMA
Self adjusting (std., opt., N.A.)			"
Hydraulic system type (single, dual, 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		"
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.

(Continued)