

AMA Specifications—Passenger Car

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MANUFACTURER	CAR NAME	
OLDSMOBILE DIVISION	VISTA-CRUISERS*	
MAILING ADDRESS	MODEL YEAR	ISSUED:
LANSING, MICHIGAN	1966	REVISED (•)

NOTES:

- The Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
- UNLESS OTHERWISE INDICATED:
 - Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - 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.

<u>Body Type</u>	<u>No. of Passengers</u>	<u>Standard</u>	<u>Custom</u>
4 Dr. Station Wagon (2 Seat)	6	33455	33855
4 Dr. Station Wagon (3 Seat)	9	33465	33865

* All information not contained herein is identical with F-85 AMA Specifications.

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MAKE OF CAR OLDSMOBILE MODEL YEAR 1966 DATE ISSUED _____ REVISED ^(*) _____

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL		Additional Information Page No.:	33455	33465
Wheelbase (L101)			120.0	
Track	Front (W101)		58.0	
	Rear (W102)		59.0	
Maximum Overall Dimensions	Length (L103)		209.1	
	Width (W103)		75.4	
	Height (H101)		58.3	
Transmission (Specify trade name - opt., not available)	Manual - 3 speed	15	Std.	
	Manual - 4 speed	15	Opt.	
	Overdrive	15	N.A.	
	Automatic	16	Opt.	
Axle ratio	Manual - 3 speed	17	3.23	
	Manual - 4 speed	17	3.23	
	Overdrive	17	N.A.	
	Automatic	17	3.08	
Tire size		18	7.75 x 14	
Engine	Type, no. cyl., valve arr.	3	V-8 90° OHV	
	Fuel system (Carb., other)	10	CARBURETOR	
	Bore and stroke	3	3.9375 x 3.385	
	Piston displ., cu. in.	3	330	
	Std. compression ratio	3	9.0:1	
	Max. bhp at engine rpm	3	250 @ 4800	
	Max. torque at rpm	3	335 @ 2800	

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GENERAL SPECIFICATIONS—DIMENSIONS

(All dimensions in inches unless otherwise indicated)
(Supplemental data available on request)

MODEL	SAE Ref. No.	33455	33465
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FRONT COMPARTMENT

Shoulder room	W3	58.8	58.8
Hip room	W5	59.9	59.9
Max. eff. leg room - accelerator	L34	41.3	41.3
Effective head room	H61	38.0	38.0
H Point to Heel point	H30	8.7	8.7

REAR COMPARTMENT

Shoulder room	W4	58.8	58.8
Hip room	W6	59.8	59.8
Minimum effective leg room	L51	39.1	37.4
Effective head room	H63	40.3	39.4

LUGGAGE COMPARTMENT

Usable luggage capacity	V1	-	
Liftover height	H195	-	
Position of spare tire storage		Right rear quarter	
Method of holding lid open		None	

STATION WAGON—THIRD SEAT

Hip room	W86		44.9
Effective leg room	L86		35.9
Effective head room	H86		36.5
Seat facing direction			Front

STATION WAGON—CARGO SPACE

MODEL	SAE Ref. No.	33455	33465
Minimum distance between wheel houses at floor level	W201	44.8	44.7
Rear end opening width at belt	W204	52.7	52.7
Floor length from back of front seat at floor level to inside of closed tail gate	L202	97.5	97.5
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	85.9	85.9
Maximum height - floor covering to headlining at centerline of rear axle	H201	33.7	33.7
Maximum height of rear opening - tail and lift gates open	H202	28.5	28.5
Cargo volume index (cu. ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	98.5	98.5

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MODEL _____ 33455 _____ 33465 _____

ELECTRICAL—SUPPRESSION

Locations & type

ELECTRICAL—INSTRUMENTS AND EQUIPMENT

Speed-ometer	Make	
	Trip odometer (yes, no)	
Charge indicator—type		
Temperature indicator—type		
Oil pressure indicator—type		
Fuel indicator—type		
Other		
Windshield wiper	Make	
	Type—Standard	
	Type—Optional	
	Vacuum booster provision	
	Washer provision	
Horn	Type	
	Number used	
	Amp draw (each)	

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type		Borg-Beck Single Plate
Type pressure plate springs		Bellville
Total spring load (lb.)		2450
No. of clutch driven discs		1
Clutch facing	Material	Woven Asbestos
	Outside & inside dia.	11 x 6 1/2
	Total eff. area (sq. in.)	123.7
	Thickness	.140
	Engagement cushioning method	Flat Spring
Release bearing	Type & method of lubrication	Ball Permanent
Torsional damping	Methods: springs, friction material	Coil Springs—Steel

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DRIVE UNITS—TRANSMISSIONS

Manual 3-speed (std. or opt.)	Standard
Manual 4-speed (std. or opt.)	Optional
Manual with overdrive (std. or opt.)	N.A.
Automatic (std. or opt.)	Optional

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds		3	4
Transmission ratios	In first	2.50	2.52:1
	In second	1.50	1.88:1
	In third	1.00	1.46:1
	In fourth	=	1.00:1
	In reverse	2.63	2.60:1
Synchronous meshing, specify gears		1-2-3	1-2-3-4
Shift lever location		Steering Column	Floor
Lubricant	Capacity (pt.)	2	2.25
	Type recommended	Multi-purpose	Multi-purpose
	SAE viscosity number	80 or 90	80 or 90
	Summer	80	80
	Winter	80	80
	Extreme cold	80	80

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Type (planetary or other)		
Manual lockout (yes, no)		NOT
Downshift accelerator control (yes, no)		
Minimum cut-in speed		AVAILABLE
Gear ratio		
Lubricant	Capacity (pt.) (Overdrive only)	
	Separate filler (yes, no)	
	Type recommended	
	SAE viscosity number	
	Summer	
	Winter	
	Extreme cold	

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DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name		
Type describe		
Method of Selection (Lever, Push Button or other)		
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, liquid)	
Lubricant	Capacity—refill (pt.)	
	Type recommended	
Special transmission features		

DRIVE UNITS—PROPELLER SHAFT

Number used		<u>One</u>
Type (exposed, torque tube)		<u>Exposed</u>
Outer diameter x length* x wall thickness	Manual 3-speed transmission	<u>4.00 x 65.04 x .065</u>
	Manual 4-speed transmission	<u>4.00 x 65.04 x .065</u>
	Overdrive transmission	<u>N.A.</u>
	Automatic transmission	<u>4.00 x 65.04 x .065</u>

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

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DRIVE UNITS—WHEELS

Type & material		Welded Wheel
Rim (size and flange type)	Std.	14 x 6JK
	Opt.	N.A.
Attachment	Type (bolt or stud)	
	Circle diameter	4.75"
	Number and size	5 studs 7/16 dia.

DRIVE UNITS—TIRES

Standard (List option below)	Size & ply	8.25 x 14
	Type - Nylon, etc.	Rayon
Rev/mile at 50 mph.		
Inflation press. (cold)	Front	28
	Rear	28
Optional tires - size and ply		8.25 x 14 4 ply-8 ply rating

BRAKES—SERVICE

Type (duo-servo, disc, balanced, etc.)		
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 or Rotor	Diameter	Front
		Rear
	Type and material	
	Rotor (vented or solid)	
Wheel cyl- inder bore	No. pistons per caliper	
	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 area for four brakes:

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

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BRAKES—SERVICE (cont.)

Brake lining	Drum or Disc			
	Bonded or riveted			
	Front Wheel	Material		
		Size (length x width x thickness)	Prim. or out-board	
			Second. or in-board	
		Segments per shoe		
	Rear Wheel	Material		
		Size (length x width x thickness)	Prim. or out-board	
Second. or in-board				
Segments per shoe				

BRAKES—PARKING

Type of control		
Location of control		
Operates on		
If separate from service brakes	Type (internal or external)	
	Drum diameter	
	Lining size (length x width x thickness)	

FRAME

Type and description (Separate frame, unitized frame, partially - unitized frame)	
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STEERING

Manual (std., opt., NA)		Standard	
Power (std., opt., NA)		Optional	
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt-a-way	
	(std., opt., NA)	Optional	
Wheel diameter	Manual	16"	
	Power	16"	
Turning diameter	Outside front	Wall to wall (l. & r.)	44.8
		Curb to curb (l. & r.)	41.7
	Inside rear	Wall to wall (l. & r.)	21.5
		Curb to curb (l. & r.)	25.8
Outside wheel angle with inside wheel at 20°		N.A.	
Manual	Gear	Type	Ball Nut
		Make	Saginaw Steering Gear
		Ratios	24:1
	No. wheel turns	Gear Overall	28.3:1
		5.56 Total	

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SUSPENSION—GENERAL

(See Supplemental page for details on Air Suspension)*

Provision for car leveling	
Provision for brake dip control	
Provision for acc. squat control	
Special provisions for car jacking	
Shock absorber front & rear	Type Make Piston dia.
Other special features	

SUSPENSION—FRONT

Type and description	
	Independent Coil Spring
Spring	Type Material Size (coil design height & I.D.; bar length x dia.) Spring rate (lb. per in.) Rate at wheel (lb. per in.)
	Coil Steel-SAE 9260 11.40" Design Height 3.60 I.D. 148" Long .639 Dia. 320 94
Stabilizer	Type (link, linkless, frameless) Material & bar diameter
	Link

SUSPENSION—REAR

Type and description	
Drive and torque taken through	4 Link Coil Spring
Spring	Arms Type Material Size (length x width, coil design height & I.D.; bar length & dia.) Spring rate (lb. per in.) Rate at wheel (lb. per in.) Mounting insulation type
	Coil Steel-SAE 9260 8.52 Design Height 5.50 I.D. 150 135 Rubber
	If leaf No. of leaves Shackle (comp. or tens)
	None None None
Stabilizer	Type (link, linkless, frameless) Material
	None None
Track bar type	None

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BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front	
	Rear doors	Front	
Type of finish (lacquer, enamel, other)		Lacquer	
Hood counterbalanced (yes, no)		Yes	
Hood release control (internal, external)		External	
Vehicle Ident. No. location		Left Front Pillar Post	
Engine No. location		None	
Theft protection - type		Key Type Starting	
Vent window control method (crank, friction pivot)	Front	Friction Pivot	
	Rear	None	
Seat cushion type	Front	Zig Zag	
	Rear	Zig Zag	
	3rd seat	None	Zig Zag
Seat back type	Front	Zig Zag	
	Rear	Zig Zag	
	3rd seat	None	Zig Zag
Windshield glass type (i.e., single curved - laminated plate)		Compound Curve	
Side glass type (i.e., curved - tempered plate)		Curved	
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Curved Tempered Plate (Tint Option)	
Windshield glass exposed surface area		1164.7	
Side glass exposed surface area		3031.0	
Backlight glass exposed surface area		946.0	
Total glass exposed surface area		6485.7	

LAMP HEIGHT AND SPACING

Height above ground to center of bulb	Headlamp	Highest *	26.02
		Lowest	25.96
	Tail	Highest	N.A.
		Lowest	N.A.
Distance from C/L of car to center of bulb	Headlamp	Inside	20.83
		Outside *	28.05
	Tail	Inside	N.A.
		Outside	N.A.
	Directional	Front	N.A.
		Rear	N.A.

* If single headlamps are used enter here.

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(Indicate whether standard, optional or NA on each series)

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