

# MVMA Specifications

Vehicle Line Sebring  
 Model Year 1955 Issued 1994-11 Revised (•) \_\_\_\_\_

## METRIC (U.S. Customary)

### Vehicle Dimensions See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each vehicle line. SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100 "Motor Vehicle Dimensions," unless otherwise specified.

Model Code/Description	SAE Ref. No.	D41A, D42A
<b>Width</b>		
Tread (front)	W101	1510
Tread (rear)	W102	1505
Vehicle width	W103	1770
Body width at Sg RP (front)	W117	1733
Vehicle width (front doors open)	W120	3976
Vehicle width (rear doors open)	W121	-
Tumble-home (degrees)	W122	29.4°
Outside mirror width	W410	1868

### Length

Wheelbase	L101	2635
Vehicle length	L103	4760
Overhang (front)	L104	985
Overhang (rear)	L105	1140
Upper structure length	L123	2927
Rear wheel C/L "X" coordinate	L127	2635

### Height\*

Passenger distribution (front/rear)	PD1,2,3	Front : 2, Rear : 3
Trunk/cargo load		35kg (77 lbs)
Vehicle height	H101	1296
Cowl point to ground	H114	879
Deck point to ground	H138	974
Rocker panel-front to ground	H112	162
Rocker panel-rear to ground	H111	150
Windshield slope angle (degrees)	H122	65.3°
Backlight slope angle (degrees)	H121	72.6°

### Ground Clearance\*

Front bumper to ground	H102	171
Rear bumper to ground	H104	236
Bumper to ground front at curb mass (wt.)	H103	172
Bumper to ground rear at curb mass (wt.)	H105	316
Angle of approach (degrees)	H106	11.5°
Angle of departure (degrees)	H107	15.9°
Ramp breakover angle (degrees)	H147	11°
Axle differential to ground (front/rear)	H153	156
Min. running ground clearance	H156	137
Location of min. run. grd. clear.		Center member

\* All vehicle height and ground clearances are measured at the Manufacturer's Design Load Weight. Manufacturer's Design Load Weight is defined with indicated passenger distribution and trunk/cargo load, unless otherwise specified. All linear dimensions are in millimeters (inches) unless otherwise noted.

# MVMA Specifications

Vehicle Line ACHIEVA  
 Model Year 1995 Issued 9-94 Revised (●) \_\_\_\_\_

## METRIC (U.S. Customary)

### Vehicle Dimensions

See Key Sheets for definitions

Model Code/Description	SAE Ref. No.	COUPE		SEDAN	
<b>Front Compartment</b>					
SgRP front, "X" coordinate	L31	3138 (123.5)		3138 (123.5)	
Effective head room	H61	961 (37.8)		961 (37.8)	
Max. effective leg room (accelerator)	L34	1096 (43.1)		1096 (43.1)	
SgRP to heel point	H30	231 (9.09)		231 (9.09)	
SgRP to heel point	L53	896 (35.3)		896 (35.3)	
Back angle (degrees)	L40	25.5°		25.5°	
Hip angle (degrees)	L42	100.0°		100.0°	
Knee angle (degrees)	L44	134.0°		134.0°	
Foot angle (degrees)	L46	91.5°		89.5°	
Design H-point front travel	L17	208 (8.2)		208 (8.2)	
Normal driving & riding seat track trvl.	L23	188 (7.40)		188 (7.40)	
Shoulder room	W3	1350 (53.1)		1350 (53.1)	
Hip room	W5	1246 (49.1)		1257 (49.5)	
*** Upper body opening to ground	H50	1243 (48.9)		1243 (49.0)	
Steering wheel maximum diameter*	W9	394 (15.5)		394 (15.5)	
Steering wheel angle (degrees)	H18	18.7°		18.7°	
Accel. heel pt. to steer. whl. cntr.	L11	517.7 (20.4)		517.7 (20.4)	
Accel. heel pt. to steer. whl. cntr.	H17	612 (24.1)		612 (24.1)	
Undepressed floor covering thickness	H67	16 (.63)		16 (.63)	

Front Compartment Interior Dimensions are Measured with the Seating Reference Point (SgRP) \_\_\_\_\_mm (1 Seat Adjuster Notch) Forward of Rearmost Seat Position.

### Rear Compartment

SgRP point couple distance	L50	759 (29.9)		782 (30.8)	
Effective head room	H63	928 (36.5)		940 (37.0)	
Min. effective leg room	L51	864 (34.0)		889 (35)	
SgRP (second to heel)	H31	279 (10.9)		280 (11.0)	
Knee clearance	L48	15 (.6)		35 (1.4)	
Shoulder room	W4	1381 (54.4)		1346 (53.0)	
Hip room	W6	1277 (50.3)		1276 (50.2)	
*** Upper body opening to ground	H51	N/A		1258 (50.0)	
Back angle (degrees)	L41	28.0°		28.0°	
Hip angle (degrees)	L43	85.5°		87.5°	
Knee angle (degrees)	L45	85.0°		89.5°	
Foot angle (degrees)	L47	119.0°		121.5°	
Depressed floor covering thickness	H73	16 (.63)		17 (.67)	

### Luggage Compartment

*** Usable luggage capacity L (cu. ft.)	V1	394 (13.9 cu. ft.)
*** Liftover height	H195	666 (26.2)

### Interior Volumes (EPA Classification)

Vehicle class	Compact
Interior volume index including trunk/cargo (cu. ft.)**	103
Trunk/cargo index (cu. ft.)	13.9 cu. ft.

\* See page 14.

\*\* See definition page 33.

All linear dimensions are in millimeters (inches) unless otherwise noted.

\*\*\* EPA Loaded Vehicle Weight, Loading Conditions

# MVMA Specifications

Vehicle Line Sebring

Model Year 1995 Issued 1994-11 Revised (+) \_\_\_\_\_

## METRIC (U.S. Customary)

### Vehicle Dimensions See Key Sheets for definitions

Model Code/Description

D41A, D42A

#### Station Wagon / MPV\* - Third Seat

SAE  
Ref.  
No.

	SAE Ref. No.	
Seat facing direction	SD1	--
SgRP couple distance	L85	--
Shoulder room	W85	--
Hip room	W86	--
Effective leg room	L86	--
Effective head room	H86	--
SgRP to heel point	H87	--
Knee clearance	L87	--
Back angle (degrees)	L88	--
Hip angle (degrees)	L89	--
Knee angle (degrees)	L90	--
Foot angle (degrees)	L91	--

#### Station Wagon / MPV\* - Cargo Space

Cargo length (open front)	L200	--
Cargo length (open second)	L201	--
Cargo length (closed front)	L202	--
Cargo length (closed second)	L203	--
Cargo length at belt (front)	L204	--
Cargo length at belt (second)	L205	--
Cargo width (wheelhouse)	W201	--
Rear opening width at floor	W203	--
Opening width at belt	W204	--
Min. rear opening width above belt	W205	--
Cargo height	H201	--
Rear opening height	H202	--
Tailgate to ground height	H250	--
Front seat back to load floor height	H197	--
Cargo volume index m <sup>3</sup> (ft. <sup>3</sup> )	V2	--
Hidden cargo volume index m <sup>3</sup> (ft. <sup>3</sup> )	V4	--
Cargo volume index-rear of 2-seat	V10	--
Cargo volume index*	V6	--
Cargo width at floor*	W500	--
Maximum cargo height*	H505	--

#### Hatchback - Cargo Space

Cargo length at front seatback height	L208	--
Cargo length at floor (front)	L209	--
Cargo length at second seatback height	L210	--
Cargo length at floor (second)	L211	--
Front seatback to load floor height	H197	--
Second seatback to load floor height	H198	--
Cargo volume index m <sup>3</sup> (ft. <sup>3</sup> )	V3	--
Hidden cargo volume index m <sup>3</sup> (ft. <sup>3</sup> )	V4	--
Cargo volume index-rear of 2-seat	V11	--

All linear dimensions are in millimeters (inches) unless otherwise noted.

\*MPV - Multipurpose Vehicle

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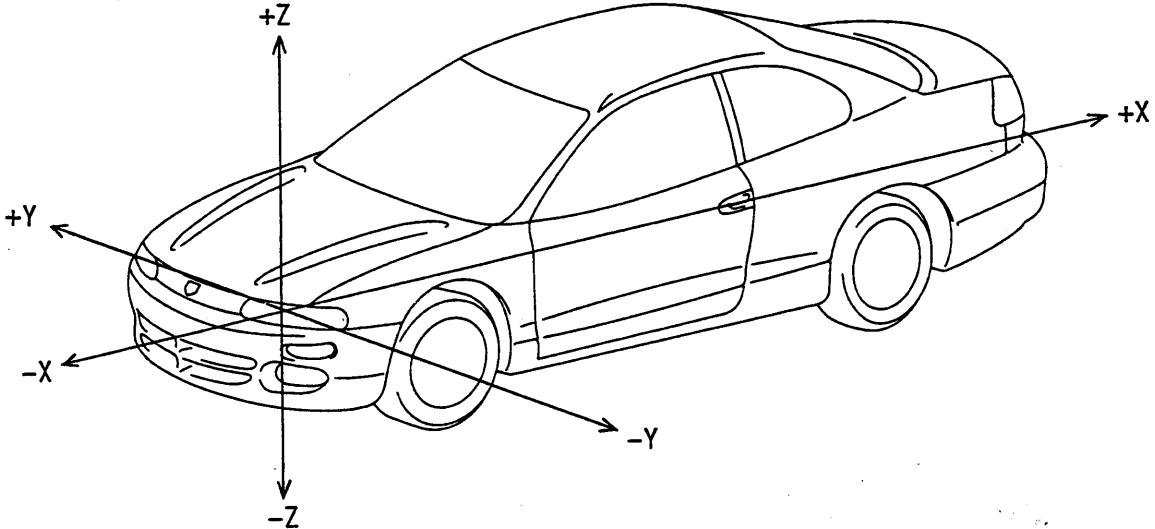
## METRIC (U.S. Customary)

Vehicle Line Sebring  
 Model Year 1995 Issued 1994-11 Revised (\*) \_\_\_\_\_

Model Code/  
Description

D41A, D42A

### Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location																						
Front(1)	 <p>Datum plane definition - Vertical longitudinal plane through the longitudinal center of the car.            Vertical transverse plane through the front wheel center.            Horizontal plane through the bottom of the rocker panels.</p>																						
Front(2)																							
Rear(1)																							
Rear(2)																							
	<p><b>Note:</b> Provide 3 of 4 Fiducial Mark Locations</p> <table border="1"> <tbody> <tr> <td rowspan="5">Front</td> <td>W21**</td> <td>480</td> </tr> <tr> <td>L54**</td> <td>-455</td> </tr> <tr> <td>H81**</td> <td>183</td> </tr> <tr> <td>H161**</td> <td>425</td> </tr> <tr> <td>H163**</td> <td>-</td> </tr> <tr> <td rowspan="5">Rear</td> <td>W22**</td> <td>485</td> </tr> <tr> <td>L55**</td> <td>3225</td> </tr> <tr> <td>H82**</td> <td>170</td> </tr> <tr> <td>H162**</td> <td>415</td> </tr> <tr> <td>H164**</td> <td>-</td> </tr> </tbody> </table>	Front	W21**	480	L54**	-455	H81**	183	H161**	425	H163**	-	Rear	W22**	485	L55**	3225	H82**	170	H162**	415	H164**	-
Front	W21**		480																				
	L54**		-455																				
	H81**		183																				
	H161**		425																				
	H163**	-																					
Rear	W22**	485																					
	L55**	3225																					
	H82**	170																					
	H162**	415																					
	H164**	-																					

\* Reference - SAE Recommended Practice, J182a, Motor Vehicle Fiducial Marks.  
 \*\* Reference - SAE Recommended Practice J1100 - Motor Vehicle Dimensions.  
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