MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1993

Manufacturer	Vehicle Line	
HONDA MOTOR CO., LTD.	INTEGRA	
Mailing Address No. 1-1, 2 chome, Minami - Aoyama, Minato - ku, Tokyo, Japan	Issued September 1992	Revised

Direct questions concerning these specifications to the manufacturer listed above.

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Motor Vehicle Manufacturers association
of the United States, Inc.

Forms Provided by Technical Affairs Division

MVMA Specifications

Vehicle Line INTEGRA

Model Year 1993 Issued September 1992 Revised (·) _____

METRIC (U.S. Customary)

Vehicle Origin

Design & development (company)	Honda R & D Co., Ltd.
Where built (country)	Honda Motor Co., Ltd. in Japan
Authorized U.S. sales marketing representative	American Honda Motor Co., Inc.

Vehicle Models

Model Description & Drive (FWD / RWD / AWD / 4WD)*	Introduction Date	Make, Vehicle Models, Series, Body Type (Mfgr's Model Code) *1	No. of Designated Seating Positions (Front / Rear)	Max. Trunk / Cargo Load - Kilograms (Pounds)	EPA Fuel Economy (City/Hwy)
INTEGRA 3 DOOR RS (FWD)	Oct. 1992	ACURA, INTEGRA, 5M, HATCHBACK, (DA934)	2/3	45 (100)	25/31
		ACURA, INTEGRA, 4A, HATCHBACK, (DA944)			23/29
INTEGRA 3 DOOR LS (FWD)		ACURA, INTEGRA, 5M, HATCHBACK, (DA935)			25/31
		ACURA, INTEGRA, 4A, HATCHBACK, (DA945)			23/29
INTEGRA 3 DOOR LS SPECIAL (FWD)		ACURA, INTEGRA, 5M, HATCHBACK, (DA938)			25/31
		ACURA, INTEGRA, 4A, HATCHBACK, (DA948)			23/29
INTEGRA 3 DOOR GS (FWD)		ACURA, INTEGRA, 5M, HATCHBACK, (DA936,937*2)			25/31
		ACURA, INTEGRA, 4A, HATCHBACK, (DA946,947*2)			23/29
INTEGRA 3 DOOR GSR (FWD)		ACURA, INTEGRA, 5M, HATCHBACK, (DB238)			24/29
INTEGRA 4 DOOR RS (FWD)	Oct. 1992	ACURA, INTEGRA, 5M, SEDAN, (DB154)	2/3	45 (100)	25/31
		ACURA, INTEGRA, 4A, SEDAN, (DB164)			23/29
INTEGRA 4 DOOR LS (FWD)		ACURA, INTEGRA, 5M, SEDAN, (DB155)			25/31
		ACURA, INTEGRA, 4A, SEDAN, (DB165)			23/29
INTEGRA 4 DOOR GS (FWD)		ACURA, INTEGRA, 5M, SEDAN, (DB156,157*2)			25/31
		ACURA, INTEGRA, 4A, SEDAN, (DB166,167*2)			23/29

* FWD - Front Wheel Drive RWD - Rear Wheel Drive AWD - All Wheel Drive 4WD - Four Wheel Drive

*1 5M : 5 Speed manual transmission
4A : 4 Speed automatic transmission

*2 DA937, DA947, DB157, DB167, DA938, DA948 : with leather seat cover

MVMA Specifications

Vehicle Line INTEGRA

Model Year 1993 Issued September 1992 Revised (-)

METRIC (U.S. Customary)

~~Engine Description~~ Engine Code	B17A1	B18A1

Engine - General

Type & description (inline, V, angle, flat, location, front, mid rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)		Inline, Front, Transverse, DOHC, Hemisphere	
Manufacturer		HONDA MOTOR CO., LTD.	
No. of cylinders		4	
Bore		81.0 (3.19)	
Stroke		81.4 (3.20)	89.0 (3.50)
Bore spacing (C/L to C/L)		90.0 (3.54)	
Cylinder block material & mass kg (lbs.) (machined)		Aluminum silicon alloy, 22.2 (48.9)	Aluminum silicon alloy, 21.1 (46.5)
Cylinder block deck height		263 (10.4)	271.95 (10.71)
Cylinder block length		419.5 (16.52)	427.0 (16.81)
Deck clearance (minimum) (above or below block)		60 (below block)	
Cylinder head material & mass kg (lbs.)		Aluminum silicon alloy, 12.8 (28.2)	Aluminum silicon alloy, 10.7 (23.6)
Cylinder head volume (cm^3)		42.7	45.0
Cylinder liner material		Cast iron alloy	
Head gasket thickness (compressed)		0.7 ± 0.05 (0.028 ± 0.002)	
Minimum combustion chamber total volume (cm^3)		193.0	223.7
Cyl. no. system (front to rear)*	L. Bank	Left to Right : 1 - 2 - 3 - 4	
	R. Bank	N.A.	
Firing order		1 - 3 - 4 - 2	
Intake manifold material & mass [kg (lbs.)]**		Aluminum silicon alloy, 5.1 (11.2)	Aluminum silicon alloy, 4.1 (9.0)
Exhaust manifold material & mass [kg (lbs.)]**		Cast iron alloy, 6.05 (13.34)	Cast iron alloy, 6.30 (13.89)
Knock sensor (~~number & location~~) (Yes / No)		Yes	No
Fuel required unleaded, diesel, etc.		Unleaded	
Fuel antiknock index (R + M) ÷ 2		(96 + 86) / 2 = 91, not less than 91	(91 + 81) / 2 = 86, not less than 86
Engine mounts	Quantity	4	
	Material and type (elastomeric, hydroelastic, hydraulic, damper, etc.)	Rubber elastomeric	
	Added isolation (sub - frame, crossmember, etc.)	N.A.	Cross beam
Total dressed engine mass (wt) dry ***		141 (310.8)	133 (293)

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum alloy, 289 (10.19)	Aluminum alloy, 280 (9.88)

Engine - Camshaft

Location		In cylinder head	
Material & mass kg (weight, lbs.)		Cast iron alloy, IN 2.27 (5.00) EXH 2.26 (4.98)	Cast iron alloy, IN 1.37 (3.02) EXH 1.87 (4.12)
Drive type	Chain / belt	Cogged belt	
	Width / pitch	26.0 / 9.525 (1.02 / 0.38)	

* Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

** Finished state.

*** Dressed engine mass (weight) includes the following: Throttle body, IN / EX manifold, ACG

MVMA Specifications

Vehicle Line INTEGRA

Model Year 1993 Issued September 1992 Revised (-)

METRIC (U.S. Customary)

~~Engine Description~~
Engine Code

B17A1	B18A1	
5M	5M	4A

Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Std.		
Coolant fill location (rad., bottle)		Rad.		
Radiator cap relief valve pressure [kPa (psi)]		88 ± 14.7 (12.8 ± 2.1)		
Circulation thermostat	Type (choke, bypass)	Bypass		
	Starts to open at °C (°F)	78 ± 2 (172.4 ± 3.6)		
Water pump	Type (centrifugal, other)	Centrifugal		
	GPM 1000 pump rpm	36 at 5800 rpm (136ℓ / 5800 rpm)	36 at 6000 rpm (135ℓ / 6800 rpm)	
	Number of pumps	1		
	Drive (V - belt, other)	Cogged belt		
	Bearing type	Ball bearing		
	Impeller material	Carbon steel		
	Housing material	Aluminum alloy		
By-pass recirculation [type (inter., ext.)]		External		
Cooling system capacity	With heater - L(qt.)	5.9 (6.2)	6.0 (6.3)	5.8 (6.1)
	With air conditioner - L(qt.)	N.A.		
	Opt. equipment [specify - L(qt.)]	N.A.		
Water jackets full length of cyl. (yes, no)		Yes		
Water all around cylinder (yes, no)		Yes		
Water jackets open at head face (yes, no)		Yes		
Radiator core	Std., A/C, HD	Std.		
	Type (cross - flow, etc.)	Down flow		
	Construction (fin & tube mechanical, braze, etc.)	Vertical / tube & fin		
	Material, mass [kg (wgt., lbs.)]	Aluminum , 2.5 (5.60)	Brass , 5.33 (11.75)	Aluminum , 4.32 (9.52)
	Width	670	668	670
	Height	325	325	325
	Thickness	18	16	18
	Fins per inch	11		
Radiator end tank material		NYLON		
ØFan	Std., elec., opt.	Elec.		
	Number of blades & type (flex, solid, material)	MITSUBA 4 , Flex , Polypropylene	ND 5 , Flex , Polypropylene / MITSUBA 4 , Flex , Porypropylene	
	Number & location (front , rear of radiator)	1 , Rear of radiator		
	Diameter & projected width	280 , 52-100	280 , 48-100 / 280 , 52-110	
	Ratio (fan to crankshaft rev.)	N.A.		
	Fan cutout type	N.A.		
	Drive type (direct, remote)	N.A.		
	RPM at idle (elec.)	2200 ± 10%		
	Motor rating (wattage) (elec.)	80		
	Motor switch (type & location) (elec.)	Thermo switch		
	Switch point (temp., pressure) (elec.)	93 ± 1.5°C		
	Fan shroud (material)	Polypropylene		

MVMA Specifications

Vehicle Line INTEGRA

Model Year 1993 Issued September 1992 Revised (-)

METRIC (U.S. Customary)

~~Engine Description~~

Engine Code

B17A1	B18A1	
5M	5M	4A

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modification, other)		CAT	CAT / EGR
	Air Injection	Pump or pulse	N.A.	
		Driven by	N.A.	
		Air distribution (head, manifold, etc.)	N.A.	
		Point of entry	N.A.	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	N.A.	Controlled flow
		Exhaust source Point of exhaust injection (spacer, carburetor, manifold, other)	N.A.	Cylinder head port, intake manifold
	Catalytic Converter	Type	Three - way	
		Number of	1	
		Location(s)	Under floor	
		Volume [L (in³)]	Confidential	
		Substrate type	Confidential	
		Noble metal type	Confidential	
		Noble metal concentration (g / cm³)	Confidential	
Crankcace Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction system (PCV)	
	Energy source (manifold vacuum, carburetor, other)		Manifold vacuum	
	Discharges (to intake manifold, other)		To intake manifold	
	Air inlet (breather cap, other)		Air intake hose	
Evapora - tive Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister	
		Carburetor	N.A.	
	Vapor storage provision		Canister	
Electronic system	Closed loop (yes / no)		Yes	
	Open loop (yes / no)		No	

Engine - Exhaust System

Type (single, single with cross - over, dual, other)		dual	
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass [kg (weight lbs)]		1 , reverse flow , stainless steel , 14.5 (31.9)	1 , reverse flow , stainless steel , 10.5 (23.1)
Resonator no. & type		N.A.	
Exhaust pipe	Branch o.d., wall thickness	N.A.	
	Main o.d., wall thickness	50.8 , 1.5	48.6 , 1.6
	Material & Mass [kg (weight lbs)]	Carbon steel , 5.6 (12.3)	Carbon steel , 2.9 (6.4)
Inter-mediate pipe	Main o.d., wall thickness	50.8, 1.6	
	Material & Mass [kg (weight lbs)]	Carbon steel , 7.5 (16.5)	Carbon steel , 6.8 (15.0)
Tail pipe	Main o.d., wall thickness	50.8 , 1.6	45.0 , 1.6
	Material & Mass [kg (weight lbs)]	Carbon steel	

MVMA Specifications

Vehicle Line INTEGRA

Model Year 1993 Issued September 1992 Revised (-)

METRIC (U.S. Customary)

~~Engine Description~~ Engine Code	B18A1

Automatic Transmission / Transaxle

			Automatic
	Trade Name		
	Type and special features (describe)		4 - speed automatic transmission with lock - up clutch
∅	Shift mechanics		Hydraulic, Mechanical
	Gear selector	Location (column, floor, other)	Floor
		Ltr./No. designation (e.g. PRND21)	6, P - R - N - D - S4 - 2
		Shift interlock (yes, no, describe)	Yes
	Gear ratios	1st	2.65
		2nd	1.48
		3rd	0.97
		4th	0.72
		Reverse	1.90
∅		Final drive ratio	4.43
∅	Max. upshift vehicle speed - drive range [km/h (mph)]		1 - 2 : 55 (34), 2 - 3 : 106 (66), 3 - 4 : 169 (105)
∅	Max. upshift engine RPM		1 - 2 : 1652, 2 - 3 : 3208, 3 - 4 : 5103
	Max. kickdown speed - drive range [km/h (mph)]		4 - 3 : 137 (85), 3 - 2 : 91 (57), 2 - 1 : 47 (29)
	Min. overdrive speed [km/h (mph)]		N.A.
	Torque converter	Type	3 elements - 1 stage
		Tours design	Axial flow
∅		Number of elements	3
		Max. ratio at stall	2.55 at 2600 rpm
		Type of cooling (air, liquid)	Air & Liquid
		Nominal diameter	244
		Capacity factor "K"*	——
	Lubricant	Capacity [refill L (pt.)]	6.3 (13.3)
		Type recommended	DEXRON II
∅	Pump type		Outer gear pump (Involute gear design)
	Oil cooler (std., opt., N.A., internal, external, air, liquid)		Std., External, Liquid
	Transmission mass [kg (lbs)] & case material **		Aluminum silicon alloy

All Wheel / 4 Wheel Drive

Description & type (part - time, full - time, 2/4 shift while moving, mechanical, elect., chain/gear, etc.)		N.A.
Transfer case	Manufacturer and model	
	Type and location	
Low - range gear ratio		
System disconnect (describe)		
Center differential	Type (bevel, planetary, w or w/o viscous bias, torsen, etc.)	
	Torque split (% front / rear)	

* Input speed ÷ $\sqrt{\text{torque}}$

** Dry weight including torque converter. If other, specify.

MVMA Specifications

Vehicle Line INTEGRA

Model Year 1993 Issued September 1992 Revised (-)

METRIC (U.S. Customary)

Engine Description
Engine Code

Axle Ratio and Tooth Combinations (See 'Power Teams' for axle ratio usage)

Axle ratio (or overall top gear ratio)		N.A.
Ring gear o.d.		
No. of teeth	Pinion	
	Ring gear	

Rear Axle Unit

Description		N.A.
Limited slip differential (type)		
Drive pinion	Type	
	Offset	
No. of differential pinions		
Pinion / differential	Adjustment (shim, etc.)	
	Bearing adjustment	
Driving wheel bearing (type)		
Lubricant	Capacity [L (pt.)]	
	Type recommended	

Propeller Shaft - Rear Wheel Drive

Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.)			N.A.
Outer diam. x length* x wall thickness	Manual 4-speed transmission		
	Manual 5-speed transmission		
	Manual 6-speed transmission		
	Overdrive		
	Automatic transmission		
Inter-mediate bearing	Overdrive		
	Automatic transmission		
Slip yoke	Type		
	Number of teeth		
	Spline o.d.		
Universal joints	Make and mfg. no.	Front	
		Rear	
	Number used		
	Type (ball and trunnion, cross)		
	Rear attach (u-bolt, clamp, etc.)		
	Bearing	Type (plain, anti - friction)	
		Lubrication (fitting, prepack)	
Drive taken through (torque tube, arms or springs)			
Torque taken through (torque tube, arms or springs)			

* Centerline to centerline of universal joints, or to centerline of attachment.
(Rear Wheel Drive)

MVMA Specifications

Vehicle Line INTEGRA
Model Year 1993 Issued September 1992 Revised (-)

METRIC (U.S. Customary)

	HATCHBACK	SEDAN
*1	RS, LS, LS SP	
*2	GS, GSR	

~~Model Code / Description And / Or Engine Code / Description~~ Body type Series

Brakes - Service

Description				Split service brake
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)			NISSIN, Disk
	Rear (disc or drum)			NISSIN, Disk
Valving type (proportion, delay, metering, other)				Proportion
Power brake (std., opt., n.a.)				N.A.
Booster type (remote, integral, vac., hyd., etc.)				Integral, Vac.
Vacuum	Source (inline, pump, etc.)			Inline
	Reservoir (volume in.³)			N.A.
	Pump - type (elec, gear driven, belt driven)			N.A.
Ø Traction assist	Operational speed range			N.A.
	Type (engine or brake intervention)			N.A.
Anti - lock device	Front / rear (std., opt., n.a.)			N.A. *1, Std. / Std. *2
	Manufacturer			N.A. *1, NISSIN *2
	Type (electronic, mech.)			N.A. *1, Electronic *2
	Number sensors or circuits			N.A. *1, 4 *2
	Number anti - lock hydraulic circuits			N.A. *1, 3 *2
	Integral or add - on system			N.A. *1, Integral *2
	Yaw control (yes, no)			N.A.
	Hydraulic power source (elec., vac, mfr., pwr. strg.)			N.A. *1, Electronic *2
Effective area [cm² (in.²)]*				Front : 200.0 (31.0), Rear : 84.0(13.0)
Gross Lining area [cm² (in.²)]**(F / R)				200.0 (31.0) / 84.0 (13.0)
Swept area [cm² (in.²)]***(F / R)				1320.0 (204.6) / 804.0 (124.6)
Rotor	Outer working diameter		F / R	262 (10.3) / 239 (9.4)
	Inner working diameter		F / R	160 (6.3) / 174 (6.9)
	Thickness		F / R	21 (0.83) / 10 (0.39)
	Material & type (vented / solid)		F / R	Cast iron, Vented / Cast iron, Solid
Drum	Diameter & width		F / R	N.A.
	Type and material		F / R	N.A.
Wheel cylinder bore				Front : 57.2 (2.25), Rear : 30.23 (1.19)
Master cylinder	Bore / stroke		~~F / R~~	23.81 (0.94) / 30(0.59) *1, 25.4 (1.00) / 30 (0.59) *2
Pedal arc ratio				4.0
Line pressure at 445N (100 lb.) pedal load [kPa (psi)]				10780 (1564) *1 11270 (1635) *2
Lining clearance			F / R	0 / 0
Brake lining	Front Wheel	Bonded or riveted (rivets / seg.)		Bonded
		Rivet size		N.A.
		Manufacturer		NISSIN
		Lining code *****		SUMITOMO M9226FE
		Material		Resin mold
		****	Primary or out - board	116.1 x 50.1 x 10 (4.57 x 1.97 x 0.39)
		Size	Secondary or in - board	116.1 x 50.1 x 10 (4.57 x 1.97 x 0.39)
		Shoe thickness (no lining)		6.5 (0.26)
	Rear Wheel	Bonded or riveted (rivets / seg.)		Bonded
		Manufacturer		NISSIN
		Lining code *****		JB ND90FF
		Material		Resin mold
		****	Primary or out - board	71 x 31 x 7.5 (2.79 x 1.22 x 0.28)
		Size	Secondary or in - board	71 x 31 x 7.5 (2.79 x 1.22 x 0.28)
		Shoe thickness (no lining)		5.5 (0.22)

* Excludes rivet holes, grooves, chamfers, etc. ** Includes rivet holes, grooves, chamfers, etc.
*** Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.) (Disk brake: Square of Outer Working Dia. minus Square of inner Working Dia. multiplied by Pi / 2 for each brake.)
**** Size for drum brakes includes length x width x thickness.
***** Manufacturer I.D., catalog for formulation designation and coefficient of friction classification.

MVMA Specifications

Vehicle Line INTEGRA
Model Year 1993 Issued September 1992 Revised (-)

METRIC (U.S. Customary)

~~Model Code / Description And / Or Engine Code / Description~~ Body type

					HATCHBACK	SEDAN
Steering						
Manual (std., opt., n.a.)					N.A.	
Power (std., opt., n.a.)					Std.	
Speed-sensitive (std., opt., n.a.)					Std.	
4-wheel steering (std., opt., n.a.)					N.A.	
Adjustable steering wheel / column (tilt, telescope, other)			Type		Tilt	
			Manufacturer		Honda	
			(std., opt., n.a.)		Std.	
Wheel diameter** (W9) SAE J1100			Manual		N.A.	
			Power		375 (14.76)	
Turning diameter m (ft.)	Outside front		Wall to wall (l. & r.)		10.92 (35.83)	11.08 (36.35)
			Curb to curb (l. & r.)		10.14 (33.27)	10.30 (33.79)
	Inside rear		Wall to wall (l. & r.)		5.55 (18.21)	5.67 (18.60)
			Curb to curb (l. & r.)		5.78 (18.96)	5.92 (19.42)
Scrub Radius *					9.9 (0.39)	
Manual	Gear		Type		N.A.	
			Manufacturer		N.A.	
		Ratios		Gear	N.A.	
				Overall	N.A.	
	No. wheel turns (stop to stop)				N.A.	
Power	Type (coaxial, ele., hyd., etc.)				Coaxial	
	Manufacturer				SEIKI GIKEN	
	Gear		Type		Rack & Pinion	
		Ratios		Gear	∞	
				Overall	17.6	
	Pump (drive)				V. Belt	
	No. wheel turns (stop to stop)				3.53	
Linkage	Type				Lateral tie-rod	
	Location (front or rear of wheels, other)				Rear of front wheel	
	Tie rods (one or two)				Two	
Steering axis	Inclination at camber (deg.)				7°20′ at 0°	
	Bearings (type)		Upper		Ball joint	
			Lower		Ball joint	
			Thrust		N.A	
Steering spindle / knuckle & joint type					Ball joint	

* The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground.
** See Page 23. (Steering wheel maximum diameter)

MVMA Specifications

Vehicle Line INTEGRA

Model Year 1993 Issued September 1992 Revised (-)

METRIC (U.S. Customary)

Engine Code / ~~Description~~	B17A1	B18A1	
	5M	5M	4A

Electrical - Supply System

Battery	Manufacturer	YUASA, MATSUSHITA
	Model, std., (opt.)	70D23R - MF
	Voltage	12
	Amps at 0°F cold crank	300
	Minutes - reserve capacity	100
	Amps / hrs. - 20 hr. rate	65
	Location	RH side in engine compartment
Alternator	Manufacturer	NIPPON DENSO
	Rating (idle / max. rpm)	12V - 80A
	Ratio (alt. crank / rev.)	2.14
	Output at idle (rpm, park)	Min. 35 A
	Optional (type & rating)	N.A.
Regulator	Type	IC regulator, Voltage control

Electrical - Starting System

Motor	Manufacturer	NIPPON DENSO
	Current drain ____ °C (°F)	Not Specified
	Power rating [kw (hp)]	1.4 (1.9)
Motor drive	Engagement type	Magnetic
	Pinion engages from (front, rear)	Right side

Electrical - Ignition System

Type	Electronic (std., opt., n.a.)		Std.	
	Other (specify)		N.A.	
Coil	Manufacturer		TOYO DENSO	
	Model		TC - 08A	
	Current	Engine stopped - A	0	
		Engine idling - A	Not Specified	
Spark plug	Manufacturer		NGK, NIPPON DENSO	
	Model		Std. (PFR6G-13,PK20PR-L13) Opt. (PFR7G-13,PK22PR-L13)	Std. (BCPR 5E-11, Q16PR-U11) Opt. (BCPR 6E-11, Q20PR-U11)
	Thread (mm)		14	
	Tightening torque [N·m (lb, ft)]		17.65 (13.02)	
	Gap		$1.1 \pm \frac{0}{0.1}$ ($0.043 \pm \frac{0}{0.004}$)	
	Number per cylinder		1	
Distributor	Manufacturer		TOYO DENSO	
	Model		TD - 23U	TD - 24U

Electrical - Suppression

Locations & type	N.A.

MVMA Specifications

Vehicle Line INTEGRA

Model Year 1993 Issued September 1992 Revised (-)

METRIC (U.S. Customary)

~~Model Code / Description~~ Body type: HATCHBACK / SEDAN

Restraint System

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.) Standard / optional	First seat	N.A.	N.A.	N.A.
		Second seat	Lap & Shoulder belt	Lap belt	Lap & Shoulder belt
		Third seat	N.A.	N.A.	N.A.
Passive	Type & description (air bag, motorized - 2 - point belt, fixed belt, knee bolster, manual - lap belt) Standard / optional	First seat	Motorized - 2 - point belt & Manual - lap belt, Knee bolster	N.A.	Motorized - 2 - point belt & Manual - lap belt, Knee bolster
		Second seat	N.A.	N.A.	N.A.
		Third seat	N.A.	N.A.	N.A.

	Glass	SAE Ref. No.	
	Windshield glass exposed surface area [cm² (in.²)]	S1	HATCHBACK : 9700 (1504) , SEDAN : 9630 (1493)
	Side glass exposed surface are [cm²(in.²)] - total 2 - sides	S2	HATCHBACK : 9400 (1457) , SEDAN : 10680 (1655)
	Backlight glass exposed surface area [cm² (in.²)]	S3	HATCHBACK : 9980 (1547) , SEDAN : 8510 (1319)
	Total glass exposed surface area [cm² (in.²)]	S4	HATCHBACK : 29080 (4507) , SEDAN : 28820 (4467)
Ø	Windshield glass (type / thickness)		Laminated safety glass / 4.7mm
Ø	Side glass (type / thickness)		Tempered reinforced glass / 5.0mm
Ø	Backlight glass (type / thickness)		Tempered reinforced glass / 4.0mm
Ø	Tinted (yes / no , location)		Yes , Windshield / Side / Backlight
Ø	Solar control (yes / no , coated / batched , location)		No

Headlamps

Description - sealed beam, halogen, replaceable bulb, etc.	Semi - sealed beam, halogen replaceable bulb.
Shape	Trapezoid
Lo - beam type (2A1, 2B1, 2C1, etc.)	HB1
Quantity	2
Hi - beam type (1A1, 2A1, 1C1, 2C1, etc.)	HB1
Quantity	2

MVMA Specifications

Vehicle Line INTEGRA

Model Year 1993 Issued September 1992 Revised (·)

METRIC (U.S. Customary)

~~Model Code/Description~~ Body type

HATCHBACK	SEDAN

Convenience Equipment (standard, optional, n.a.)

Clock (digital, analog)		Standard (Digital)
Compass / thermometer		N.A.
Console (floor, overhead)		Standard (Floor)
Ø Defroster, elec. windshield		N.A.
Defroster, elec. backlight		Standard
Electronic	Diagnostic monitor (integrated, individual)	N.A.
	Instrument cluster (list instruments)	N.A.
	Keyless entry	N.A.
	Tripminder (avg. spd., fuel)	N.A.
	Voice alert (list items)	N.A.
	Other	N.A.
Fuel door lock (remote, key, electric)		Standard (Remote)
Lamps	Auto head on / off delay, dimming	N.A.
	Cornering	N.A.
	Courtesy (map, reading)	Standard (Map) *3
	Door lock, ignition	N.A.
	Engine compartment	N.A.
	Fog	Standard
	Glove compartment	Standard *2
	Trunk	Standard
	Illuminated entry system (list lamps, activation)	N.A.
	Other	N.A.
Mirrors	Day / night (auto, man.)	Standard (Man.)
	L.H. (remote, power, heated)	Standard (Remote : *1, Power : *2)
	R.H. (convex, remote, power, heated)	Standard (Convex, Remote : *1, Convex, Power : *2)
	Visor vanity (RH / LH, illuminated)	Standard (RH)
Navigation system (describe)		N.A.
Parking brake - auto release (warning light)		N.A.

*1 : H/B RS SEDAN RS

*2 : H/B LS, LS SP, GS, GSR SEDAN LS, GS

*3 : H/B LS, LS SP, GS, GSR SEDAN GS

MVMA Specifications

Vehicle Line INTEGRA

Model Year 1993 Issued September 1992 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~~ Body type	SAE Ref. No.	HATCHBACK	SEDAN
Width			
Tread (front)	W101	1475 (58.07)	
Tread (rear)	W102	1475 (58.07)	
Vehicle width	W103	1714 (67.48)	
Body width at SgRP (front)	W117	1674 (65.91)	1677 (66.02)
Vehicle width (front doors open)	W120	3738 (147.17)	3415 (134.45)
Vehicle width (rear doors open)	W121	N.A.	3334 (131.26)
Tumble - home (degrees)	W122	23°46'	28°3'
Outside mirror width	W410	1880 (74.02) *1 , 1900 (74.80) *2	

*1 : H/B RS
*2 : H/B LS, LS SP, GS, GSR SEDAN RS, LS, GS

Length			
Wheelbase	L101	2550 (100.39)	2600 (102.36)
Vehicle length	L103	4392 (172.91)	4484 (176.54)
Overhang (front)	L104	882 (34.72)	
Overhang (rear)	L105	960 (37.80)	1002 (39.45)
Upper structure length	L123	2848 (112.13)	2703 (106.42)
Rear wheel C/L "X" coordinate	L127	2550 (100.39)	2600 (102.36)

Height*			
Passenger distribution (front / rear)	PD1,2,3	2 / 3	
Trunk / cargo load		45 (100)	
Vehicle height	H101	1270 (50.00)	1285 (50.59)
Cowl point to ground	H114	832 (32.76)	
Deck point to ground	H138	900 (35.43)	910 (35.83)
Rocker panel - front to ground	H112	151 (5.94)	
Rocker panel - rear to ground	H111	125 (4.92)	
Windshield slope angle (degrees)	H122	61°48'	61°33'
Backlight slope angle (degrees)	H121	70°46'	62°12'

Ground Clearance*			
Front bumper to ground	H102	172 (6.77)	
Rear bumper to ground	H104	249 (9.80)	256 (10.08)
Bumper to ground [front at curb mass (wt.)]	H103	198 (7.80)	
Bumper to ground [rear at curb mass (wt.)]	H105	324 (12.76)	331 (13.03)
Angle of approach (degrees)	H106	17°29'	
Angle of departure (degrees)	H107	15°0'	
Ramp breakover angle (degrees)	H147	9°54'	10°07'
Axle differential to ground (front / rear)	H153	141 (5.55)	
Min. running ground clearance	H156	120 (4.72)	
Location of min. run. grd.clear.		Converter cover	

* All vehicle height and ground clearances are measured at the Manufacturer's Design Load Weight. Manufacturers 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 INTEGRA
Model Year 1993 Issued Sept. 1992 Revised (-) Oct. 1992

METRIC (U.S. Customary)
Vehicle Dimensions See Key Sheets for definitions

~~Model Code / Description~~ Body type

	SAE Ref. No.	HATCHBACK				SEDAN		
		RS	LS	GS	GS-R	RS	LS	GS
Front Compartment								
SgRP front, "X" coordinate	L31	1400 (55.12)				1395 (54.92)		
Effective head room	H61	978 (38.50)	950 (37.40)			983 (38.70)		955 (37.60)
Max. eff. leg room (accelerator)	L34	1062 (41.81)				1057 (41.61)		
SgRP to heel point	H30	205 (8.07)				216 (8.50)		
SgRP to heel point	L53	834 (32.83)				827 (32.56)		
Back angle (degrees)	L40	25°						
Hip angle (degrees)	L42	92°02'				92°10'		
Knee angle (degrees)	L44	124°14'				122°48'		
Foot angle (degrees)	L46	104°22'				102°47'		
Design H - point front travel	L17	179 (7.05)						
Normal driving & riding seat track trvl.	L23	179 (7.05)						
Shoulder room	W3	1339 (52.72)				1344 (52.91)		
Hip room	W5	1288 (50.71)				1285 (50.59)		
Upper body opening to ground	H50	1286 (50.63)				1307 (51.46)		
Steering wheel maximum diameter *	W9	375 (14.76)						
Steering wheel angle (degrees)	H18	23°11'				23°45'		
Accel. heel pt. to steer. whl. cntr	L11	408 (16.06)				403 (15.87)		
Accel. heel pt. to steer. whl. cntr	H17	585 (23.03)				591 (23.27)		
Underpressed floor covering thickness	H67	15 (0.59)						
Rear Compartment								
SgRP point couple distance	L50	685 (26.97)				745 (29.33)		
Effective head room	H63	882 (34.72)	872 (34.33)			935 (36.81)		915 (36.02)
Min. effective leg room	L51	726 (28.58)				805 (31.69)		
SgRP (second to heel)	H31	266 (10.47)				286 (11.26)		
Knee clearance	L48	-106 (-4.17)				-65 (-2.56)		
Shoulder room	W4	1321 (52.01)				1331 (52.40)		
Hip room	W6	1195 (47.05)				1299 (51.14)		
Upper body opening to ground	H51	1302 (51.26)				1320 (51.97)		
Back angle (degrees)	L41	28°						
Hip angle (degrees)	L43	78°06'				83°32'		
Knee angle (degrees)	L45	62°11'				74°11'		
Foot angle (degrees)	L47	109°14'				115°48'		
Depressed floor covering thickness	H73	13 (0.51)						
Luggage Compartment								
Usable luggage capacity [L (cu. ft.)]	V1	N.A.				317 (11.215)		
Liftover height	H195	N.A.				751 (29.57)		

Interior Volumes (EPA Classification)

Vehicle class	Sub compact	
Interior volume index including trunk / cargo (cu. ft.)**	[94.8 (Hatchback) + 95.9 (Sedan)] ÷ 2 = 95.35	
Trunk / cargo index (cu. ft.)	15.855	11.215

* See page 14.
** See definition page 33.
All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications

Vehicle Line INTEGRA
Model Year 1993 Issued September 1992 Revised (·)

METRIC (U.S. Customary)

Vehicle Dimensions

See Key Sheets for definitions

~~Model Code/ Description~~ Body type

	SAE Ref. No.	HATCHBACK	SEDAN
Station Wagon / MPV*- Third Seat			
Seat facing direction	SD1	N.A.	
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	N.A.	
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^3 ($ft.^3$)]	V2		
Hidden cargo volume index [m^3 ($ft.^3$)]	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	1465 (57.68)	N.A.
Cargo length at floor (front)	L209	1639 (64.53)	
Cargo length at second seatback height	L210	523 (20.59)	
Cargo length at floor (second)	L211	981 (38.62)	
Front seatback to load floor height	H197	378 (14.88)	
Second seatback to load floor height	H198	452 (17.80)	
Cargo volume index [m^3 ($ft.^3$)]	V3	0.77 (27.37)	
Hidden cargo volume index [m^3 ($ft.^3$)]	V4	N.A.	
Cargo volume index - rear of 2 - seat	V11	0.45 (15.855)	

All linear dimensions are in millimeters (inches) unless otherwise noted.
*MPV - Multipurpose Vehicle

MVMA Specifications

Vehicle Line INTEGRA

Model Year 1993 Issued September 1992 Revised (-)

METRIC (U.S. Customary)

		Vehicle Mass (weight)						% PASS MASS DISTRIBUTION			
		CURB MASS, kg. (lb.)*			SHIPPING MASS kg(lb)***	ETWC** Code		Pass in Front		Pass in Rear	
Code	Model	Front	Rear	Total		Without Air Con	With Air Con	Front	Rear	Front	Rear
DA934	INTEGRA 3 DOOR RS	708 (1561)	452 (996)	1160 (2557)	1128 (2487)	P	P	45	55	18	82
DA944	INTEGRA 3 DOOR RS	736 (1623)	450 (992)	1186 (2615)	1154 (2544)	P	Q	45	55	18	82
DA935	INTEGRA 3 DOOR LS	726 (1600)	464 (1023)	1190 (2623)	1158 (2553)	P	Q	45	55	18	82
DA945	INTEGRA 3 DOOR LS	754 (1662)	462 (1019)	1216 (2681)	1184 (2610)	Q	Q	45	55	18	82
DA938	INTEGRA 3 DOOR LS SPECIAL	726 (1600)	464 (1023)	1190 (2623)	1158 (2553)	P	Q	45	55	18	82
DA948	INTEGRA 3 DOOR LS SPECIAL	754 (1662)	462 (1019)	1216 (2681)	1184 (2610)	Q	Q	45	55	18	82
DA936	INTEGRA 3 DOOR GS	731 (1611)	468 (1032)	1199 (2643)	1167 (2573)	Q	Q	45	55	18	82
DA946	INTEGRA 3 DOOR GS	759 (1674)	466 (1027)	1225 (2701)	1193 (2630)	Q	Q	45	55	18	82
*1 DA937	INTEGRA 3 DOOR GS	733 (1616)	468 (1032)	1201 (2648)	1169 (2577)	Q	Q	45	55	18	82
*1 DA947	INTEGRA 3 DOOR GS	761 (1678)	466 (1027)	1227 (2705)	1195 (2635)	Q	Q	45	55	18	82
DB238	INTEGRA 3 DOOR GSR	737 (1625)	472 (1040)	1209 (2665)	1177 (2594)	Q	Q	45	55	18	82
DB154	INTEGRA 4 DOOR RS	722 (1592)	461 (1016)	1183 (2608)	1151 (2538)	P	Q	46	54	20	80
DB164	INTEGRA 4 DOOR RS	750 (1653)	459 (1012)	1209 (2665)	1177 (2595)	Q	Q	46	54	20	80
DB155	INTEGRA 4 DOOR LS	731 (1611)	468 (1032)	1199 (2643)	1167 (2573)	Q	Q	46	54	20	80
DB165	INTEGRA 4 DOOR LS	759 (1674)	466 (1027)	1225 (2701)	1193 (2630)	Q	Q	46	54	20	80
DB156	INTEGRA 4 DOOR GS	748 (1649)	478 (1054)	1226 (2703)	1194 (2632)	Q	Q	46	54	20	80
DB166	INTEGRA 4 DOOR GS	776 (1711)	476 (1049)	1252 (2760)	1220 (2690)	R	R	46	54	20	80
*1 DB157	INTEGRA 4 DOOR GS	749 (1651)	479 (1056)	1228 (2707)	1196 (2637)	Q	Q	46	54	20	80
*1 DB167	INTEGRA 4 DOOR GS	777 (1713)	477 (1052)	1254 (2765)	1222 (2694)	R	R	46	54	20	80

* 1 : Leather seat cover and leather steering wheel

* Reference - SAE J1100 Motor vehicle dimensions,curb weight definition. This curb mass is without air conditioner.

** ETWC - Equivalent Test Weight Class - basis for U.S. Environmental Protection Agency emission certifications. Refer to ETWC code legend below for test weight class.

ETWC LEGEND

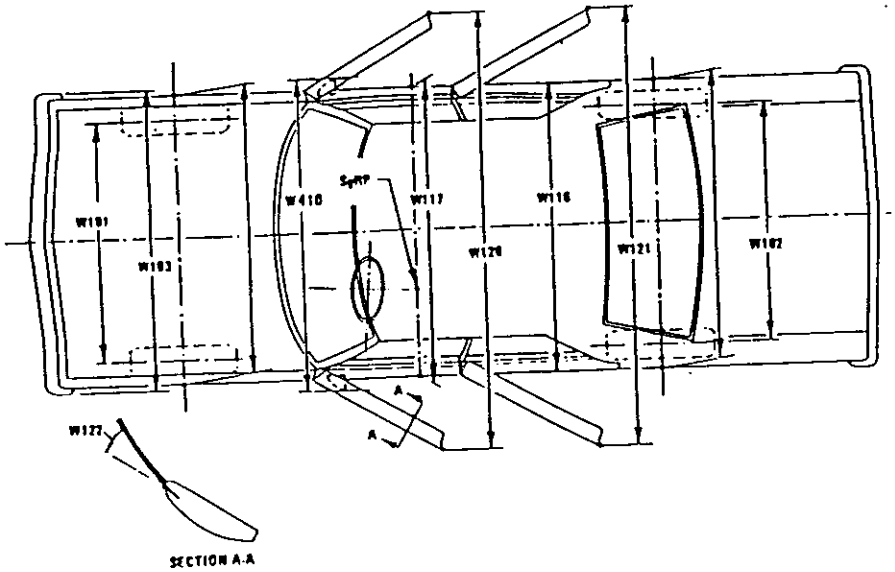
A	= 1000	I	= 2000	Q	= 3000	Y	= 4000
B	= 1125	J	= 2125	R	= 3125	Z	= 4250
C	= 1250	K	= 2250	S	= 3250	AA	= 4500
D	= 1375	L	= 2375	T	= 3375	BB	= 4750
E	= 1500	M	= 2500	U	= 3500	CC	= 5000
F	= 1625	N	= 2625	V	= 3625	DD	= 5250
G	= 1750	O	= 2750	W	= 3750	EE	= 5500
H	= 1875	P	= 2875	X	= 3875	FF	= 5750

***Shipping Mass (weight) = Curb Weight Less:

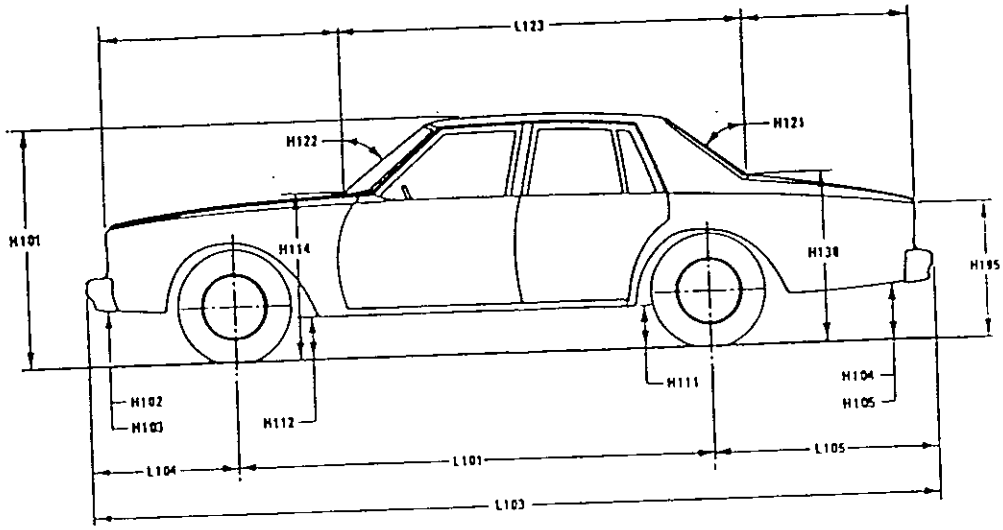
32 (71)

Exterior Vehicle And Body Dimensions – Key Sheet

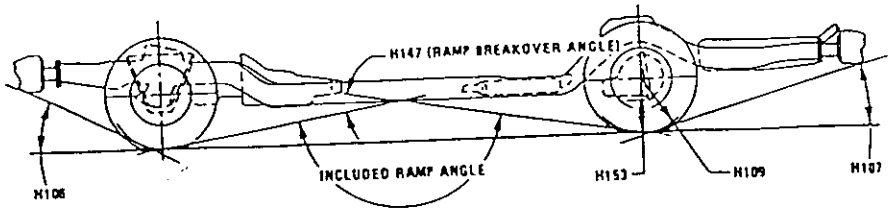
Exterior Width



Exterior Length & Height



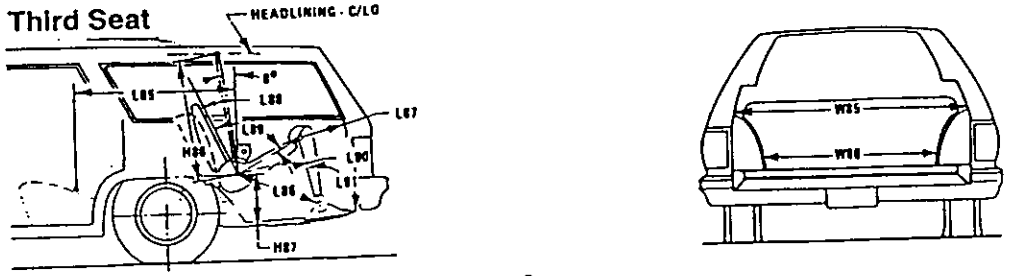
Exterior Ground Clearance



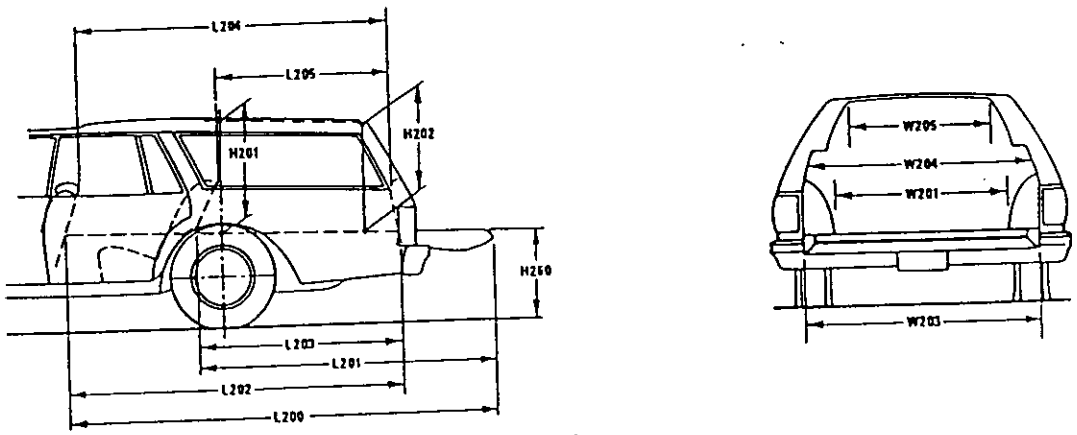
MVMA Specifications

ETRIC (U.S. Customary)

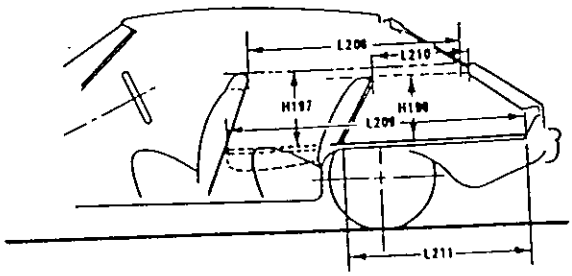
Interior Vehicle And Body Dimensions – Key Sheet



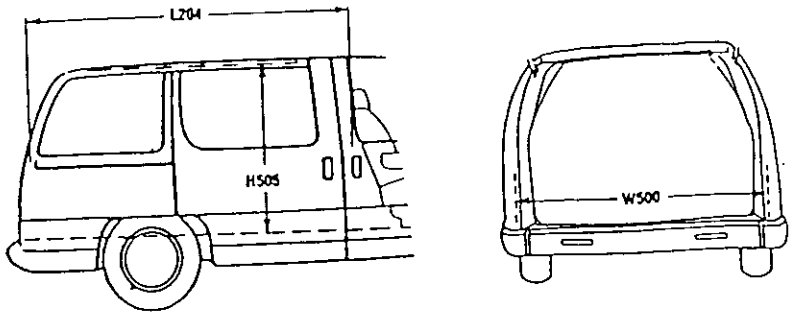
Cargo Space



Station Wagon



Hatchback



Multipurpose Vehicle

MVMA Specifications

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions – Key Sheet
Dimensions Definitions

Glass Areas

S1 Windshield area.
S2 Side windows area. Includes the front door, rear door, vents, and rear quarter windows on both sides of the vehicle.
S3 Backlight areas.
S4 Total area. Total of all areas (S1 + S2 + S3).

Fiducial Mark Dimensions

Fiducial Mark – Number 1

L54 "X" coordinate.
W21 "Y" coordinate.
H81 "Z" coordinate.
H161 Height "Z" coordinate to ground at curb weight.
H163 Height "Z" coordinate to ground.

Fiducial Mark – Number 2

L55 "X" coordinate.
W22 "Y" coordinate.
W82 "Z" coordinate.
H162 Height "Z" coordinate to ground at curb weight.
H164 Height "Z" coordinate to ground.

Front Compartment Dimensions

L11 ACCELERATOR HEEL POINT TO STEERING WHEEL CENTER. The dimension measured horizontally from the AHP to the intersection of the steering column centerline and a plane tangent to the upper surface of the steering wheel rim.

L17 DESIGN H-POINT – FRONT TRAVEL. The dimension measured horizontally between the design H-point – front in the foremost and rearmost seat track positions. (See SAE J1100)

L23 NORMAL DRIVING AND RIDING SEAT TRACK TRAVEL. The dimension measured horizontally between a point on the design H-point travel line from the SgRP to the displaced point on the design H-point travel line with the seat moved to the foremost seat position, but not to include seat track travel used for purposes other than normal driving and riding positions. (See SAE J1100).

L31 SgRP – FRONT. "X" COORDINATED.

L34 MAXIMUM EFFECTIVE LEG ROOM – ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP – front plus 254 mm (10.0 in.) measured with right foot on the undepressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 In., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.

L-40 BACK ANGLE – FRONT. The angle measured between a vertical line through the SgRP – front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.

L-42 HIP ANGLE – FRONT. The angle measured between torso line and thigh centerline.

L44 KNEE ANGLE – FRONT. The angle measured between thigh centerline and lower leg centerline measured on the right leg.

L46 FOOT ANGLE – FRONT. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the bare foot flesh line measured on the right leg. Ref SAE J826.

L53 SgRP – FRONT TO HEEL. The dimension measured horizontally from the SgRP – front to the accelerator heel point.

W3 SHOULDER ROOM – FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP – front at height between the belt line and 254 mm (10.0 in.) above the SgRP – front, excluding the door assist strap and attaching parts.

W5 HIP ROOM – FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP – front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP – front and 76 mm (3.0 in.) fore and aft of the SgRP – front.

W9 STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. Define if other than round.

H7 ACCELERATOR HEEL POINT TO THE STEERING WHEEL CENTER. The dimension measured vertically from the AHP – front to the intersection of the steering column centerline to a plane tangent to the upper surface of the steering wheel rim.

H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.

H30 SgRP – FRONT TO HEEL. The dimension measured vertically from the SgRP – front to the accelerator heel point.

H50 UPPER BODY OPENING TO GROUND – FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP – front "X" plane.

H61 EFFECTIVE HEAD ROOM – FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP – front to the headlining plus 102 mm (4.0in.).

H67 FLOOR COVERING THICKNESS – UNDEPRESSED – FRONT. The dimension measured vertically from the surface of the undepressed floor covering to the underbody sheet metal at the accelerator heel point.

Rear Compartment Dimensions

L-41 BACK ANGLE – SECOND. The angle measured between a vertical line through the SgRP – second and the torso line.

L43 HIP ANGLE – SECOND. The angle measured between torso line and thigh centerline.

L45 KNEE ANGLE – SECOND. The angle measured between thigh centerline and lower leg centerline.

L47 FOOT ANGLE – SECOND. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the three-dimensional devices bare foot flesh line (Reference J826).

L48 KNEE CLEARANCE – SECOND. The minimum dimension measured from the knee pivot center to the back of the front seatback minus 51 mm (2.0 In.).

L50 SgRP COUPLE DISTANCE – SECOND. The dimension measured horizontally from the driver SgRP – front to the SgRP – second.

L51 MINIMUM EFFECTIVE LEG ROOM – SECOND. The dimension measured along a line from the ankle pivot center to the SgRP – second plus 254 mm (10.0 in.).

W4 SHOULDER ROOM – SECOND. The minimum dimension measured laterally between door or quarter trimmed surfaces on the "X" plane through the SgRP – second at height between 254-406 mm (10.0-16.0 in.) above the SgRP – second, excluding the door assist straps and attaching parts.

W6 HIP ROOM – SECOND. Measured in the same manner as W5.

H31 SgRP – SECOND TO HEEL. The dimension measured vertically from the SgRP – second to the two dimensional device heel point on the depressed floor covering.

H51 UPPER BODY OPENING TO GROUND – SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP – second.

H63 EFFECTIVE HEAD ROOM – SECOND. The dimension measured along a line 8 deg. rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).

H73 FLOOR COVERING – DEPRESSED – SECOND. The dimension measured vertically from the heel point to the underbody sheet metal.

Interior Vehicle And Body Dimensions – Key Sheet
Dimensions Definitions

V2 STATION WAGON

Measured in inches:

$$\frac{W4 \times H201 \times L204}{1728} = ft^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L204}{10^9} = m^3 \text{ (cubic meter)}$$

V4 HIDDEN LUGGAGE CAPACITY – REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.

V5 TRUCKS AND MPV'S WITH OPEN AREA.

Measured in inches:

$$\frac{L506 \times W505 \times H503}{1728} = ft^3$$

Measured in mm:

$$\frac{L506 \times W500 \times H503}{10^9} = m^3 \text{ (cubic meter)}$$

V6 TRUCKS AND MPV'S WITH CLOSED AREA.

Measured in inches:

$$\frac{L204 \times W500 \times H505}{1728} = ft^3$$

Measured in mm:

$$\frac{L204 \times W500 \times H505}{10^9} = m^3 \text{ (cubic meter)}$$

V8 HIDDEN LUGGAGE CAPACITY – REAR OF SECOND SEAT. The total volume of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the second seat.

V10 STATION WAGON CARGO VOLUME INDEX.

Measured in inches:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{1728} = ft^3$$

Measured in mm:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{10^9} = m^3 \text{ (cubic meter)}$$

Hatchback – Cargo Space Dimensions

All hatchback cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatchback door is in the closed position. (For electronically adjusted seats, see the manufacturer's specifications for Design "H" Point).

L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT. The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.

L209 CARGO LENGTH AT FLOOR – FRONT. The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

L210 CARGO LENGTH AT SECOND SEATBACK HEIGHT. The minimum dimension measured from the "X" plane tangent to the rearmost surface of second seatback or the load floor which is stowed at least one half of the H198 dimension height above the rear load floor, to the rearmost inside limiting interference on the zero "X" plane.

L211 CARGO LENGTH AT FLOOR – SECOND SEATBACK. The minimum horizontal dimension measured at floor level from the rear of the second seatback or load floor panel to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT: The dimension measured vertically from the second seatback to the undepressed floor covering.

V3 HATCHBACK.

Measured in inches:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728} = ft^3$$

Measured in mm:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^9} = m^3 \text{ (cubic meter)}$$

V4 HIDDEN LUGGAGE CAPACITY – REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.

V11 HATCHBACK CARGO VOLUME INDEX. Usable luggage (one (1) stand and luggage set) below floor:

Measured in inches:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{1728} = ft^3$$

Measured in mm:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{10^9} = m^3 \text{ (cubic meter)}$$