MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1996

Manufacturer	Vehicle Line	
HONDA MOTOR CO., LTD.	ACURA INTEGRA 3 DOOR / 4 DOOR	
Mailing Address 1-1, 2 chome, Minami - Aoyama, Minato - ku, Tokyo, Japan	Issued August 1995	Revised

Direct questions concerning these specifications to the manufacturer listed above.

The information contained herein is prepared, distributed by, and is solely the responsibility of the vehicle manufacturing company to whose products it relates. This suggested specification form was developed by the vehicle manufacturing companies under the auspices of the American Automobile Manufacturers Association.

The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.

AAMA

American Automobile Manufacturers Association.

Forms Provided by Engineering Affairs Division

AAMA Specifications

METRIC (U.S. Customary)

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∅ **Indicates Format Change From Previous Year**

NOTE:

1. This form uses both SI Metric units and U.S. Customary units. The metric unit of measure is presented first,and the U.S. Customary unit follows in parentheses.
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.
   c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.
4. Additional Vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

VEHICLE ORIGINE

Design & development (company)	HONDA R & D
Where built (country)	JAPAN
Authorized U.S. sales marketing representative	AMERICAN HONDA MOTOR

VEHICLE MODELS

Model Description & Drive (FWD/RWD/AWD/4WD)*	Introduction Date	Make, Vehicle Models, Series, Body Type (Mfgr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load-Kilograms (Pounds)	EPA Fuel Economy (City/Hwy)
INTEGRA 3 DOOR RS (FWD)	September 1995	ACURA, INTEGRA, 6M/T, 2DR HATCHBACK, (DC434)	4 (2/2)	45 (100)	26 / 31
		ACURA, INTEGRA, 4A/T, 2DR HATCHBACK, (DC444)			24 / 31
INTEGRA 3 DOOR LS (FWD)		ACURA, INTEGRA, 6M/T, 2DR HATCHBACK, (DC435)			25 / 31
		ACURA, INTEGRA, 4A/T, 2DR HATCHBACK, (DC445)			24 / 31
INTEGRA 3 DOOR LS-SPL (FWD)		ACURA, INTEGRA, 6M/T, 2DR HATCHBACK, (DC436)			25 / 31
		ACURA, INTEGRA, 4A/T, 2DR HATCHBACK, (DC446)			24 / 31
INTEGRA 3 DOOR GS-R (FWD)		ACURA, INTEGRA, 6M/T, 2DR HATCHBACK, (DC238)			25 / 31
		ACURA, INTEGRA, 6M/T, 2DR HATCHBACK, (DC239) **			25 / 31
INTEGRA 4 DOOR RS (FWD)	September 1995	ACURA, INTEGRA, 6M/T, 4DR SEDAN, (DB754)	5 (2/3)	45 (100)	25 / 31
		ACURA, INTEGRA, 4A/T, 4DR SEDAN, (DB764)			24 / 31
INTEGRA 4 DOOR LS (FWD)		ACURA, INTEGRA, 6M/T, 4DR SEDAN, (DB755)			25 / 31
		ACURA, INTEGRA, 4A/T, 4DR SEDAN, (DB765)			24 / 31
INTEGRA 4 DOOR LS-SPL (FWD)		ACURA, INTEGRA, 6M/T, 4DR SEDAN, (DB756)			25 / 31
		ACURA, INTEGRA, 4A/T, 4DR SEDAN, (DB766)			24 / 31
INTEGRA 4 DOOR GS-R (FWD)		ACURA, INTEGRA, 6M/T, 4DR SEDAN, (DB858)			25 / 31
		ACURA, INTEGRA, 6M/T, 4DR SEDAN, (DB859) **			25 / 31

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

Leather seat

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
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Power Teams

SAE J 1349 Net bhp (brake horsepower) and Net Torque corrected to 77°F/25°C and 29.61 in.Hg/100 kPa atmospheric pressure.

			A	B	C	D
ENGINE	Engine code		B18B1	B18B1	B18C1	
	Displacement Liters (in^3)		1.834 (112)	1.834 (112)	1.797 (110)	
	Induction system (FI, Carb, etc.)		FI	FI	FI	
	Compression ratio		9.2	9.2	10.0	
	SAE Net at RPM	Power kW (bhp)	105 (140) @6300	105 (140) @6300	127 (170) @7600	
		Torque N·m (lb.ft.)	168 (124) @5200	168 (124) @5200	174 (128) @6200	
	Exhaust single, dual		single	single	single	
TRANS	Transmission/Transaxle		5M / T	4A / T	5M / T	
	Effective final Drive/ Axle Ratio (std. first)		4.266	4.367	4.400	

Series Availability			Power Teams (A – B – C – D)	
Model		Code	Standard	Optional
INTEGRA 3 DOOR RS	5M/T	DC434	A	N.A.
	4A/T	DC444	B	N.A.
INTEGRA 3 DOOR LS	5M/T	DC435	A	N.A.
	4A/T	DC445	B	N.A.
INTEGRA 3 DOOR LS-SPL	5M/T	DC436	A	N.A.
	4A/T	DC446	B	N.A.
INTEGRA 3 DOOR GS-R	5M/T	DC238	C	N.A.
	5M/T	DC239 •	C	N.A.
INTEGRA 4 DOOR RS	5M/T	DB754	A	N.A.
	4A/T	DB764	B	N.A.
INTEGRA 4 DOOR LS	5M/T	DB755	A	N.A.
	4A/T	DB765	B	N.A.
INTEGRA 4 DOOR LS-SPL	5M/T	DB756	A	N.A.
	4A/T	DB766	B	N.A.
INTEGRA 4 DOOR GS-R	5M/T	DB858	C	N.A.
	5M/T	DB859 •	C	N.A.

• Leather seat

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Engine Description Engine Code	B18C1	B18B1

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	
Stroke		87.2	89.0
Bore spacing (C/L to C/L)		90.0	
Cylinder block material & mass kg (lbs.) (machined)		Aluminum silicon alloy , 23.2	Aluminum silicon alloy , 21.1
Cylinder block deck height		212.0	
Cylinder block length		449.0	427.0
Deck clearance (minimum) (above or below block)		60 (Below block)	
Cylinder head material & mass kg (lbs.)		Aluminum silicon alloy, 13.3	Aluminum silicon alloy, 10.7
Cylinder head volume cm^3 ($inches^3$)		41.6	46.0
Cylinder liner material		Cast iron alloy	
Head gasket thickness (compressed)		0.7 ± 0.05	
Minimum combustion chamber total volume cm^3 ($inches^3$)		199.1	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, 7.02(15.24)	Aluminum silicon alloy, 4.1 (9.0)
Exhaust manifold material & mass kg (lbs.)**		Cast iron alloy , 6.75 (14.65)	Cast iron alloy , 6.25 (13.56)
Knock sensor (number & location)			
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	5	
	Material and type (elastomeric, hydroelastic,hydraulic,damper,etc.)	Hydroelastic & Rubber elastomeric	
	Added isolation (sub-frame, crossmember, etc.)	-	Cross member
Total dressed engine mass (wt) dry ***		156	133

ENGINE - PISTONS

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

ENGINE - CAMSHAFT

Location		cylinder head	
Material & mass kg (weight, lbs.)		Cast iron alloy, IN 2.24 (4.94) EXH 2.23 (4.92)	Cast iron alloy, IN 1.88 (4.14) EXH 1.87 (4.12)
Drive type	Chain/belt	Cogged belt	
	Width/pitch	26.0/9.53	

* 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

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Engine Description			
Engine Code		B18C1	B18B1
ENGINE-VALVE-SYSTEM			
Hydraulic lifters (std., opt., n.a.)		N.A.	
Valves	Number intake/exhaust	8/8	
	Head O.D.. intake/exhaust	33/28 (1.30/1.10)	31/28 (1.22/1.10)
ENGINE - CONNECTING RODS			
Material & mass kg, (weight, lbs.)*		Forged iron , 0.546 (1.204)	Forged iron , 0.487 (1.074)
Length (axes C/L to C/L) mm		137.9	137.0
ENGINE - CRANKSHAFT			
Material & mass kg, (weight, lbs.)*		Cast iron , 15.5	Cast iron , 16.9
End thrust taken by beaning (no.)		2	
Length & number of main bearings		20, 5	
Seal (material, one, two piece design, etc.)	Front Left	Synthetic rubber 4 Piece design	
	Rear Right	Synthetic rubber 4 Piece design	
ENGINE - LUBRICATION SYSTEM			
Normal oil pressure kPa(psi) at engine rpm		More than 343 (50) @ 3000	
Type oil intake (floating, stationary)		Floating	
Oil filter system (full flow, part, other)		Full flow	
Capacity of c/case, less filter-refill-L (qt.)		4.8 (5.1) , refill 3.7 (3.9)	4.6 (4.9) , refill 3.5 (3.7)
ENGINE - DIESEL INFORMATION			
Diesel engine manufacturer		N.A.	
Glow plug, current drain at 0°F			
Injector nozzle	Type		
	Opening pressure kPa(psi)		
Pre-chamber design			
Fuel injection pump	Manufacturer		
	Type		
Fuel injection pump drive (belt, chain, gear)			
Supplementary vacuum source (type)			
Fuel heater (yes/no)			
Water separator, description (std., opt.)			
Turbo manufacturer			
Oil cooler-type (oil to engine coolant ; oil to ambient air)			
Oil filter			
ENGINE - INTAKE SYSTEM			
Turbo charger - manufacturer		N.A.	
Super charger - manufacturer			
Intercooler			

* Finished State

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Engine Description	B18C1	B18B1	
Transmission	5MT	5MT	4AT

ENGINE - COOLING SYSTEM

Coolant recovery system (std., opt., n.a.)		Std.		
Coolant fill location (rad., bottle)		Rad.		
Radiator cap relief valve pressure kPa (psi)		108 ± 14.7 (15.6 ± 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 7600 rpm (140ℓ/7600 rpm)	36 at 6000 rpm (140ℓ/6000 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.)	6.7 (7.1)	6.4 (6.7)	6.7 (7.1)
	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 2.56 (5.64)	Brass 3.55 (7.83)	Aluminum 2.80 (6.17)
	Width	670.3	660.8	670.3
	Height	350	350	350
	Thickness	18	16	18
	Fins per inch	11		
Radiator end tank material		Nylon		
Fan	Std., elec., opt.	Elec.		
	Number of blades & type (flex, solid, material)	4, Flex, Polypropylene	5, Flex, Polypropylene	4,Flex, Polypropylene
	Number & location (front , rear of radiator)	1, Rear of radiator		
	Diameter & projected width	300 , 62-100	300,48-100 / 300,52-110	
	Ratio (fan to crankshaft rev.)	N.A.		
	Fan cutout type	N.A.		
	Drive type (direct, remote)	N.A.		
	RPM at idle (electric)	2200±10 %	2150±9.3 %	2200±10 %
	Motor rating (wattage/electric)	80		
	Motor switch (type & location/elec.)	Thermo switch		
	Switch point (temp./pressure/elec.)	93 ± 1.5°C		
	Fan shroud (material)	Polypropylene		

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Engine Description		B18C1	B18B1
Engine Code			
ENGINE - FUEL SYSTEM (See supplemental page for detailes of Fuel Injection, Supercharger, Turbocharger, etc. if used)			
Induction type:carburetor,fuel injection system, etc.		Fuel injection system	
Manufacturer		HONDA MOTOR	
Carburetor no. of barrels		N.A.	
Idle A/F mix.		Approx. 14.7	
Fuel injection	Point of injection (no.)	Intake port, (4)	
	Constant, pulse, flow	Pulse flow	
	Control (electronic, mech.)	Electronic	
	System pressure kPa (psi)	340±5 (49.3±0.7)	290±5 (42.1±0.7)
Idle spd. -rpm (spec. neutral or drive and propane if used)	Manual	750 (Neutral)	750 (Neutral)
	Automatic	N.A.	750 (Neutral)
Intake manifold heat control (exhaust or water thermostatic or fixed)		Water thermostatic	
Air cleaner type		Non woven fabric element	
Fuel filter (type/location)		Paper element/Engine compartment	
Fuel pump	Type (elec. or mech.)	Electrical	
	Location (eng., tank)	In fuel tank	
	Pressure range kPa (psi)	441~637 (64.0~92.4)	
	Flow rate at regulated pressure L (gal)/hr @ kPa (psi)	125 (33) at 343 (49.8)	96 (25.3) at 294 (42.7)

FUEL TANK

Capacity refill L (gallons)		50 (13.2)
Location (describe)		Rear underfloor
Attachment		Bolt
Material & Mass kg (weight lbs.)		Steel , 9.5 (20.9)
Filler pipe	Location & material	LH side rear quarter panel, carbon steel
	Connection to tank	Flexible connecting tube
Fuel line (material)		Steel pipe
Fuel hose (material)		Fluoric rubber
Return line (material)		Steel pipe
Vapor line (material)		Steel pipe
Extended range tank	Opt., n.a.	N.A.
	Capacity L (gallons)	N.A.
	Location & material	N.A.
	Attachment	N.A.
Auxiliary tank	Opt., n.a.	N.A.
	Capacity L (gallons)	N.A.
	Location & material	N.A.
	Attachment	N.A.
	Selector switch or valve	N.A.
	Separate fill	N.A.

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Engine Description	B18C1	B18B1	
Transmission	5MT	5MT	4AT

VEHICLE EMISSION CONTROL

Exhaust Emission Control	Type (air injection, engine modification, other)			CAT	
	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.	
		Exhaust source Point of exhaust injection (spacer, carburetor, manifold, other)		N.A.	
	Catalytic Converter	Type		Three - way	
		Number of		1	
		Location(s)		Under floor	
		Volume L (in^3)		Confidential	
		Substrate type		Confidential	
		Noble metal type		Confidential	
Crankcase 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)		Single		
Ø	Muffler no.&type (reverse flow,straight thru,separate resonator) Maffler Volume (liters), Material & Mass kg (weight lbs)	1025, Straight thru, Stainless steel 9.5 (20.9)	512, Straight thru, Stainless steel 9.5 (20.9)	
Ø	Resonator no., type & voiume (liters)		N.A.	
Exhaust pipe	Branch o.d., wall thickness		N.A.	
	Main o.d., wall thickness	41.3, 1.0	38.1, 1.2	50.8, 1.5
	Material & Mass kg (weight lbs)	Stainless steel 4.0 (8.8)	Stainless steel 3.9 (8.6)	
Inter-mediate pipe	Main o.d., wall thickness	48.6, 1.6 & 50.8, 2.0	48.6, 1.6 & 48.6, 2.0	
	Material & Mass kg (weight lbs)	Carbon steel	Carbon steel	
Tail pipe	Main o.d., wall thickness	50.8, 1.2	48.6, 1.2	
	Material & Mass kg (weight lbs)	Stainless steel 9.5 (20.9)		

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Transmission	5MT	5MT	4AT

TRANSMISSIONS/TRANSAXLE (Std., Opt., N.A.)

Manual 4-speed (manufacturer/country)	N.A.		
Manual 5-speed (manufacturer/country)	HONDA / JAPAN		N.A.
Manual 6- speed (manufacturer/country)	N.A.		
Automatic (manufacturer/country)	N.A.		
Automatic overdrive (manufacturer/country)	N.A.		HONDA / JAPAN

MANUAL TRANSMISSION/TRANSAXLE

Number of forward speeds		5	
Gear ratios	1st	3.230	3.230
	2nd	1.900	1.900
	3rd	1.360	1.269
	4th	1.034	0.966
	5th	0.787	0.714
	6th	N.A.	
	Reverse	3.000	
Synchronous meshing (specify gears)		All gears	
Shift lever location		Floor	
Trans. case mat'l. & mass kg (lbs.)*		54.6(120) Aluminum	53.8(119) Aluminum silicon alloy
Lubricant	Capacity L (pt.)	silicon alloy	2.3 , refill 2.2
	Type recommended	API SF or SG , SAE 10W-30 or 10w-40	

CLUTCH (MANUAL TRANSMISSION)

Clutch manufacturer		F.C.C
Clutch type (dry, wet; single, multiple disc)		Dry, Single
Linkage (hydraulic, cable, rod, lever, other)		Hydraulic
Max. pedal effort (nom.spring load, new) N (lbs)	Depressed	——
	Released	——
Assist (spring, power / percent, nominal)		Spring, 1.5±0.3 kgf
Type pressure plate springs		Diaphragm
Total spring load (nominal, new) N (lbs)		4410~4860 (3239~3584)
Clutch facing	Facing mfgr. & material coding	F.C.C
	Facing material & construction	Resin mold
	Rivets per facing	18
	Outside x inside dia.(nominal)	220×150
	Total eff. area cm^2 ($in.^2$)	203 (31.5)
	Thickness (pressure plate side/fly wheel side)	3.5
	Rivet depth (pressure plate side/ fly wheel side)	1.4
	Engagement cushion method	Disk plate spring
Release bearing type & method lub.		Ball bearing
Torsional damping method, springs, hysteresis		Springs

* Includes shift linkage, lubricant, and clutch housing. If other specify.

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Engine Description	B18B1
Engine Code	

AUTOMATIC TRANSMISSION/TRANSAXLE

Trade Name		Automatic
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)	P , R , N , D4 , D3 , 2 , 1 / 7
	Shift interlock (yes, no, describe)	YES
Gear ratios /	1st	2.722
	2nd	1.468
	3rd	0.976
	4th	0.638
	Reverse	1.954
	Final drive ratio	4.357
Max. upshift vehicle speed - drive range km/h (mph)		1 - 2 : 52 (32), 2 - 3 : 102 (63), 3 - 4 : 160 (99)
Max. upshift engine RPM		1 - 2 : 6000 , 2 - 3 : 6330, 3 - 4 : 6330
Max. kickdown speed - drive range km/h (mph)		4 - 3 : 140 (87), 3 - 2 : 90 (56), 2 - 1 : 40 (25)
Min. overdrive speed km/h (mph)		4 - 3 : 31 (19), 3 - 2 : 12 (7), 2 - 1 : 12 (7)
Torque converter	Type	3 elements 1 stage
	Tours design	Axial flow
	Number of elements	3
	Max. ratio at stall	1.95 at 2400 rpm
	Type of cooling (air, liquid)	Air & Liquid
	Nominal diameter	244
	Capacity factor "K"*	2.65
Pump type		Outer gear pump (Involute gear design)
Lubricant	Capacity refill L (pt.)	6.9, refill 2.7
	Type recommended	DEXRON II
Oil cooler (std., opt., N.A. internal, external, air, liquid)		Std., External, Liquid
Transmission mass kg (lbs) & case material **		72 (159) 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.

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Engine Description			B18C1	B18B1	
Transmission			5MT	5MT	4AT
AXLE RATIO AND TOOTH COMBINATIONS (See 'Power Teams' for axle ratio usage)					
Effective final drive ratio (or overall top gear ratio)			4.40	4.27	4.36
Transfer ratio and method (chain, gear, etc.)			N.A.		
Front drive unit	Ring gear o.d.		193.1	192.2	187.7
	No. of teeth	Pinion	15		14
		Ring gear	66	64	61

FRONT DRIVE UNIT		
Description (integral to trans., etc.)		Helical gear
Limited slip differential (type)		N.A.
Drive pinion	Type	Straight bevel gear
	Offset	N.A.
No. of differential pinions		2
Pinion/differential	Adjustment (shim, etc.)	Shim
	Bearing adjustment	N.A.
Driving wheel bearing (type)		Ball bearing
Lubricant	Capacity L (pt.)	Common in transmission lubricant
	Type recommended	Lubricated by transmission oil

AXLE SHAFTS-FRONT WHEEL DRIVE			
Manufacturer and number used			HONDA MOTOR , 2
Type (straight, solid bar, tubular, etc.)		Left	Straight solid bar
		Right	Straight solid bar
Outer diam. x length* x wall thickness	Manual transaxle	Left	26 × 425.4
		Right	26 × 425.4
	Automatic transaxle	Left	26 × 425.4
		Right	26 × 425.4
	Optional transaxle	Left	N.A.
		Right	N.A.
Slip yoke	Type		Birfield double offset joint - solid type
	Number of teeth		N.A.
	Spline o.d.		N.A.
Universal joints	Make and mfg. no.	Inner	NTN TOYO BEARING CO., LTD.
		Outer	NTN TOYO BEARING CO., LTD.
	Number used		Inner : 2, Outer : 2
	Type, size, plunge	Inner	Constant velocity joint
		Outer	Constant velocity joint
	Attach (u-bolt, clamp, etc.)		C - clip
	Bearing	Type (plain, anti-friction)	Roller, Anti - friction
		Lubrication (fitting, prepack)	Prepack
Drive taken through (torque tube, arms or springs)			N.A.
Torque taken through (torque tube, arms or springs)			N.A.

* Centerline to centerline of universal joints, or to centerline of attachment.

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Engine Description	B18C1	B18B1	
Transmission	5MT	5MT	4AT

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			N.A.
Type (straight tube, tube-in-tube, internal-external damper, etc.)			
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.

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Model Code/Description and/or Engine Code/Description	RS / LS / LS-SPL	GS-R

SUSPENSION - GENELAL INCLUDING ELECTRIC CONTROLS

Car leveling	Standard/optional/not avail.	N.A.	
	Manual/automatic control		
	Type (air/hydraulic)		
	Primary/assist spring		
	Rear only/4 wheel leveling		
	Single/dual rate spring		
	Single/dual ride heights		
	Provision for jacking		
Shock absorber damping controls	Standard/option/not avail	N.A.	
	Manual/automatic control		
	Number of damping rates		
	Type of actuation (manual/electric motor/air, etc.)		
	Sensors: Lateral acceleration		
	Sensors: Deceleration		
	Sensors: Acceleration		
	Sensors: Road surface		
Shock absorber (front & rear)	Type	Telescopic, Nitrogen gas-filled	
	Make	SHOWA	
	Piston diameter	Front : 30 , Rear : 30	
	Rod diameter	Front : 12.5 , Rear : 12.5	

SUSPENSION - FRONT

Type and description		Independent, Double wishbone with coil spring	
Travel	Full jounce (define load condition)	64.0	
	Full rebound	52.9	
Spring	Type (coil, leaf, other & material)	Coil Spring, Steel	
	Insulators (type & material)	Mounting, Rubber	
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	386.5×58~73.4 (RS M/T) 389.7×58~73.4 (LS M/T, LS-SPL M/T,3D RS A/T,3D GS-R) 394.5×58~73.4 (LS A/T, LS-SPL A/T,4D RS A/T,4D GS-R)	
	Spring rate N / mm (lb. / in.)	33.3 (190.1)	
	Rate at wheel N / mm (lb. / in.)	15.2 (86.8)	
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & O.D. bar/tube, wall thickness	Spring steel 22.0	Spring steel 24.0

SUSPENSION - REAR

Type and description		Independent, Double wishbone with coil spring	
Travel	Full jounce (define load condition)	91.9	
	Full rebound	48.9	
Spring	Type (coil, leaf, other & material)	Coil spring, Steel	
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	3D:379.0× 64.1 ~ 78.7 4D:363.7× 64.5 ~ 79.1	
	Spring rate N / mm (lb. / in.)	18.6 (106.2)	
	Rate at wheel N / mm (lb. / in.)	15.2 (86.8)	
	Insulators (type & material)	Mounting, Rubber	
	If leaf: No. of leaves	N.A.	
	If leaf: Shackle (comp. or tens.)	N.A.	
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & O.D. bar/tube, wall thickness	Spring steel 13.0	Spring steel 14.0
Track bar (type)		N.A.	

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Model Code/Description and/or Engine Code/Description	RS	LS / LS-SPL / GS-R

BRAKE - 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.)				Std.	
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.	
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.	Std./Std.
	Manufacturer			N.A.	HONDA
	Type (electronic, mech.)			N.A.	Electronic
	Number sensors or circuits			N.A.	4
	Number anti-lock hydraulic circuits			N.A.	3
	Integral or add-on system			N.A.	Integral
	Yaw control (yes, no)			N.A.	No
	Hydraulic power source (elec., vac, mfr.,pwr. strg.)			N.A.	Electronic
Effective area cm^2 (in.^{2})*				Front : 200 (31.0), Rear : 84 (13.0)	
Gross Lining area cm^2 (in.^{2})**(F/R)				224 (34.7) / 84 (13.0)	
Swept area cm^2 (in.^{2})***(F/R)				1320 (204.6) / 804 (124.6)	
Rotor	Outer working diameter		F/R	262 / 239	
	Inner working diameter		F/R	160 / 174	
	Thickness		F/R	21 / 10	
	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, Rear : 30.2	
Master cylinder	Bore/stroke		F/R	23.8/30.0	25.4/30.0
Pedal arc ratio				4.06 (A/T), 3.84 (M/T)	
Line pressure at 445N (100 lb.) pedal load kPa (psi)				10768 (1560)	9444 (1369)
Lining clearance			F/R	Self adjusting / Self adjusting	
Brake lining	Front Wheel	Bonded or riveted (rivets/seg.)		Bonded	
		Rivet size		N.A.	
		Manufacturer		NISSIN	
		Lining code *****		NS175HEF	
		Material		Resin mold	
		****	Primary or out-board	117×49.8×10	
		Size	Secondary or in-board	117×49.8×10	
		Shoe thickness (no lining)		6.5 (0.26)	
	Rear Wheel	Bonded or riveted (rivets/seg.)		Bonded	
		Manufacturer		NISSIN	
		Lining code *****		NBK D6222FF	
		Material		Resin mold	
		****	Primary or out-board	71 × 31 × 7.5	
		Size	Secondary or in-board	71 × 31 × 7.5	
		Shoe thickness (no lining)		5.5	

* 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.

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (-)

Model Code/Description and/or Engine Code/Description	RS	LS	LS-SPL / GS-R

TIRE And WHEELS (STANDARD)

Tires	Size (service description)		P195/60R14 85H	P195/55R15 84V
	Type (bias, radial, steel, nylon, etc.)		Radial	
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	200 (29)	240 (35)
		Rear kPa (psi)	200 (29)	230 (33)
	Rev./mile-at 70 km/h (45 mph)		868	861
Wheels	Type & material		Disk, Steel	Spoke, Aluminum
	Rim (size & flange type)		14×5 ½ JJ	15×6JJ
	Wheel offset		45	
	Attachment	Type (bolt or stud & nut)	Stud	
		Circle diameter	100	
		Number & size	4, M12 × 1.5	
Spare	Tire and wheel		T115/70D14 14 × 4T	T125/70D14 14 × 4T
	Storage position & location (describe)		On cargo floor	

TIRE And WHEELS (OPTIONAL)

Tire size (service description)		
Type (bias, radial, steel, nylon, etc.)		
Wheel (type & material)	Spoke, Aluminum	Fin, Aluminum
Rim (size, flange type and offset)	14×5 ½ JJ, 45	15×6JJ, 45
Tire size (service description)		
Type (bias, radial, steel, nylon, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Tire size (service description)		
Type (bias, radial, steel, nylon, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Tire size (service description)		
Type (bias, radial, steel, nylon, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Spare tire and wheel size (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)		

BRAKES - PARKING

Type of control		Hand operated lever
Location of control		Between front seats
Operates on		Rear wheels
If separate from service brakes	Type (internal or external)	N.A.
	Drum diameter	N.A.
	Lining size (length x width x thickness)	N.A.

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (-)

Model Code/Description and/or Engine Code/Description	RS / LS / LS-SPL / GS-R

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 (14.8)
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)		11.4 (37.4)
		Curb to curb (l. & r.)		10.8 (34.8)
	Inside rear	Wall to wall (l. & r.)		6.10 (20.0)
		Curb to curb (l. & r.)		6.30 (20.7)
Scrub radius *				-3.3 (-0.13)
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	16.10
	Pump (drive)			V. Belt
	No. wheel turns (stop to stop)			2.98
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.)			Camber : 0°, king pin : 10°48'
	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.

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
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Model Code/Description and/or Engine Code/Description	RS / LS / LS-SPL / GS-R

WHEEL ALIGNMENT

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	1°10′ ± 1°
		Camber (deg.)	-0°5′ ± 1°
		Toe-in outside track - mm (in.)	0 ± 2 (0 ± 0.8)
	Service reset*	Caster (deg.)	Pre-set
		Camber (deg.)	Pre-set
		Toe-in - mm (in.)	Adjustable
	Periodic M.V. inspection	Caster (deg.)	Same as service checking
		Camber (deg.)	Same as service checking
		Toe-in- mm (in.)	Same as service checking
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	-0°45′ ± 45′ / 1°15′
		Toe-in outside track - mm (in.)	3± 2 / 1 (0.12± 0.08 / 0.04)
	Service reset*	Camber (deg.)	Pre-set
		Toe - in- mm (in.)	Adjustable
	Periodic M.V. inspection	Camber (deg.)	Same as service checking
		Toe - in- mm (in.)	Same as service checking

* Indicates pre - set, adjustable, trend set or other.

ELECTRICAL - INSTRUMENTS AND EQUIPMENT

Speedometer	Type (analog, digital, std., opt.)		Analog, Std.
	Trip odometer (std., opt., n.a.)		Std.
Head-up display	Standard, optional, not available		N.A.
	Type	Secondary, opto-electronic	
	Speedometer	Digital	
	Status/warning indicators	Turn signals, high beam, low fuel, check gauges	
	Brightness control	Day/night mode, adjustable	
EGR maintenance indicator			N.A.
Charge indicator	Type		Voltage regulator
	Warning device (light, audible)		Light
Temperature indicator	Type		Electric thermal gauge
	Warning device (light, audible)		N.A.
Oil pressure indicator	Type		Electric pressure switch
	Warning device (light, audible)		Light
Fuel indicator	Type		Electric gauge
	Warning device (light, audible)		Light
Windshield wiper	Type (standard)		Electric 2 speed with intermittent and mist operation
	Type (optional)		N.A.
	Blade length		Driver side : 606, Assist side : 550
	Swept area cm2 (in.2)		7003 (1085)
Windshield washer	Type (standard)		Electric motor
	Type (optional)		N.A.
	Fluid level indicator (light, audible)		N.A.
Rear window wiper, wiper/washer (std., opt., n.a.)			Std.
Horn	Type		Electric vibrator
	Number used		1
Other	Parking Brake/Brake Failure Waring Light, Headlight High Beam Indicator Light, Seat Belt Warning Buzzer & Warning Light, Door Open Waring Buzzer & Warning Light, Hatch/Trunk Open Waring Light, Shift Indicator (for 4A/T), Cruise Control Indicator Light (LS, LS-SPL, GS-R), ABS Warning Light (LS, LS-SPL, GS-R), Maintenance Required Indicator		

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Engine Code/Description	B18C1	B18B1

ELECTRICAL - SUPPLY SYSTEM

Battery	Manufacturer	MATSUSHITA , YUASA	
	Model, std., (opt.)	55B24L(S)-MF	
	Voltage	12 V	
	Amps at 0°F cold crank	410 A	
	Minutes - reserve capacity	70	
	Amps/hrs. - 20 hr. rate	45	
	Location	Rear right of engine compartment	
Alternator	Manufacturer	NIPPON DENSO	
	Rating (idle/max. rpm)	12V-90A	
	Ratio (alt. crank/rev.)	2.29	2.37
	Output at idle (rpm, park)	Min. 50 A	
	Optional (type & rating)	N.A.	
Regulator	Type	IC regulator	

ELECTRICAL - STARTING SYSTEM

Motor	Manufacturer	NIPPON DENSO
	Current drain ____ °C (°F)	-
	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	-			
Spark plug	Manufacturer		NGK	NIPPON DENSO	NGK	NIPPON DENSO
	Model	Std.	PFR6G-13	PK20PR-L13	ZFR5F-11	KJ16CR-L11
		Opt.	-	-	ZFR6F-11	KJ20CR-L11
	Thread (mm)		14			
	Tightening torque N·m (lb, ft)		18 (13)			
	Gap		$1.3 \pm \frac{0}{0.1}$		$1.1 \pm \frac{0}{0.1}$	
	Number per cylinder		1			
Distributor	Manufacturer		TOYO DENSO			
	Model		TD - 84U		TD - 85U	

ELECTRICAL - SUPPRESSION

Locations & type	N.A.

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Model Code/Description	ALL MODELS

BODY

Structure	Monocoque construction
Bumper system front-rear	Impact absorbing Fascia (Polypropylene) Energy absorber (Forming PP) Reinforcement (High strength steel sheet)
Anti-corrosion treatment	Surface treated steel sheet Cathodic ED paint Rust preventive wax injection Chipping primer, PVC under body coating

BODY - MISCELLANEOUS INFORMATION

Type of finish (lacquer, enamel, other)		Acrylic baking
Hood	Material & mass	Iron-zinc alloy coated steel, 14.9
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Prop
	Release control (internal, external)	Internal
Trunk lid	Material & mass	N.A.
	Type (counterbalance, other)	N.A.
	Internal release control (elec.,mech.,n.a.)	N.A.
Hatchback lid	Material & mass	Iron-zinc alloy coated steel, 9.9
	Type (counterbalance, other)	dumper
	Internal release control (elec.,mech.,n.a.)	Mech.
Tailgate	Material & mass	N.A.
	Type (drop, lift, door)	N.A.
	Internal release control (elec.,mech.,n.a.)	N.A.
Vent window control (crank, friction, pivot, power)	Front	N.A.
	Rear	N.A.
Window regulator type (cable, tape, flex drive, etc.)	Front	Flex
	Rear	N.A.
Seat cushion type (e.g., 60/40 bucket, bench, wire, foam, etc.)	Front	Bucket, Panel frame, Foam
	Rear	Bench, Wire frame, Foam
	3rd seat	N.A.
Seat back type (e.g., 60/40 bucket, bench, wire, foam, etc.)	Front	Bucket, Panel frame + spring, Foam
	Rear	Bench, Tube/panel frame, Foam
	3rd seat	N.A.

FRAME

Type and description (separate frame, unitized frame, partially-unitized frame)	Unitized frame

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Model Code/Description	3 DOOR (RS/LS/LS-SPL/GS-R)

RESTRAINT SYSTEM

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.) Standard/optional	First seat	Lap & shoulder belt, Std.	N.A.	Lap & shoulder belt, Std.
		Second seat	Lap & Shoulder belt, Std.	N.A.	Lap & Shoulder belt, Std.
		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	Air bag, Knee bolster, Std.	N.A.	Air bag, Knee bolster, Std.
		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 cm^2 ($in.^2$)	S1	9039 *
Side glass exposed surface area cm^2($in.^2$)-total 2-sides	S2	7473 *
Backlight glass exposed surface area cm^2 ($in.^2$)	S3	7515 *
Total glass exposed surface area cm^2 ($in.^2$)	S4	24027 *
Windshield glass (type/thickness)		Laminated safety glass / 4.7
Side glass (type/thickness)		Tempered reinforced glass / Door glass : 4.0 Rear quarter glass : 3.5
Backlight glass (type/thickness)		Tempered reinforced glass / 3.5
Tinted (yes/no, location)		Yes, All glasses
Solar control (yes/no, coated/batched, location)		No

* Daylight opening area

HEADLAMPS

Description (sealed beam, halogen, replaceable bulb, etc.)	Replaceable bulb, Halogen
Shape	Round
Lo - beam type (2A1, 2B1, 2C1, etc.)	HB4
Quantity	2
Hi - beam type (1A1, 2A1, 1C1, 2C1, etc.)	HB3
Quantity	2

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Model Code/Description	4 DOOR (RS/LS/LS-SPL/GS-R)

RESTRAINT SYSTEM

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.) Standard/optional	First seat	Lap & shoulder belt, Std.	N.A.	Lap & shoulder belt, Std.
		Second seat	Lap & Shoulder belt, Std.	Lap belt	Lap & Shoulder belt, Std.
		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	Air bag, Knee bolster, Std.	N.A.	Air bag, Knee bolster, Std.
		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 cm^2 ($in.^2$)	S1	9045 *
Side glass exposed surface area cm^2($in.^2$)-total 2-sides	S2	9215 *
Backlight glass exposed surface area cm^2 ($in.^2$)	S3	7648 *
Total glass exposed surface area cm^2 ($in.^2$)	S4	26808 *
Windshield glass (type/thickness)		Laminated safety glass / 4.7
Side glass (type/thickness)		Tempered reinforced glass / 4.0
Backlight glass (type/thickness)		Tempered reinforced glass / 3.5
Tinted (yes/no, location)		Yes, All glasses
Solar control (yes/no, coated/batched, location)		No

* Daylight opening area

HEADLAMPS

Description (sealed beam, halogen, replaceable bulb, etc.)	Replaceable bulb, Halogen
Shape	Round
Lo - beam type (2A1, 2B1, 2C1, etc.)	HB4
Quantity	2
Hi - beam type (1A1, 2A1, 1C1, 2C1, etc.)	HB3
Quantity	2

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (-)

Engine Code/Description	B18C1	B18B1	
	GS-R	LS, LS-SPL	RS

CLIMATE CONTROL SYSTEM

Air conditioning (std., opt., man., auto.)		Std. manual	Opt. manual
Condenser	Type	Multi-Flow	
	Eff. face area (sq. mm.)	176000	
	Fins per inch	18	
Evaporator	Type	Serpentine	
	Eff. face area (sq. mm.)	49000	
	Fins per inch	14	
Heater core	Material	Tube, Tank : Brass Fin : Copper Frame : Steel	
	Eff. face area (sq. mm.)	24300	
	Fins per inch	25	
Compressor	Type	Recipro.	
	Displacement (cc.)	150	
	Manufacturer	NIPPON DENSO	
	A/C pulley ratio	1.11	1.24
Accumulator	Type	N.A.	
	Height (mm.)		
	Diameter (mm.)		
Receiver	Type	—	
	Height (mm.)	165	
	Diameter (mm.)	60	
Refrigerant control (CCOT, TVS, etc.)		—	
Heater water valve (yes/no)		Yes	
Refrigerant (R-12, R-134a, etc.)		HFC-134a (R-134a)	
Charge level (lbs.-oz.)		650~700g (22.9 ~ 24.7 oz)	
Cold engine lockout switch (yes/no)		—	
Wide open throttle cutout switch (yes/no)		—	

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (-)

Model Code/Description	RS	LS/LS-SPL/GS-R

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

Clock (digital, analog)		Std. (Digital)	
Compass/thermometer		N.A.	
Console (floor, overhead)		Std. (Floor)	
Defroster, elec. windshield		N.A.	
Defroster, elec. backlight		Std.	
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)		Std. (Remote)	
Integrated Child Seating	Std./Opt. & location in cehicle	N.A.	
	Number of ocuupants	N.A.	
	Occupant weight/height (min. & max.)	N.A.	
	Restraint system description (3 or 5-point belts/boosterseat capability)	N.A.	
Lamps	Auto head on / off delay, dimming	N.A.	
	Cornering	N.A.	
	Courtesy (map, reading)	N.A.	Std. (Map)
	Door lock, ignition	N.A.	
	Engine compartment	N.A.	
	Fog	Opt.	
	Glove compartment	N.A.	Std .
	Trunk	Std.	
	Illuminated entry system (list lamps, activation)	N.A.	
	Other	N.A.	
Mirrors	Day/night (auto, man.)	Std. (Man.)	
	L.H. (remote, power, heated)	Std. (Power)	
	R.H. (convex, remote, power, heated)	Std. (Convex, Power)	
	Visor vanity (RH/LH, illuminated)	Std. (RH)	
Navigation system (describe)		N.A.	
Parking brake-auto release (warning light)		N.A.	

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (-)

Model Code/Description			3 DOOR		
CONVENIENCE EQUIPMENT (standard, optional, n.a.)			RS	LS/LS-SPL	GS-R
Power equipment	Deck lid (release, pull down)		N.A.		
	Door locks (manual, automatic, describe system)		N.A.	Std. (Electric, Remote)	
	Seats	2 - 4 - 6 way, etc.	N.A.		
		Reclining (R.H.,L.H.)	N.A.		
		Memory (R.H.,L.H.,preset, recline)	N.A.		
		Support (lumbar,hip,thigh,etc.)	N.A.		
		Heated (R.H.,L.H.,other)	N.A.		
	Side windows		Std.		
	Vent windows		N.A.		
	Rear windows		N.A.		
Radio systems	Antenna (location, whip, w/shield, power)		Std. (Rear L.H., Whip type, Power)		
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	AM, FM, Stereo, Tape		
			N.A.	Theft deterrent	
	Optional		N.A.		
	Speaker (number, location)		Std. (4,Front side doors & rear side lining) Opt. (2, Front side doors)		Std. (6, Front side door & rear side lining)
Roof : open air of fixed (flip-up, sliding, "T")			N.A.	Std. (Sliding)	
Speed control device			N.A.	Std.	
Speed warning device (light, buzzer, etc)			N.A.		
Tachometer (rpm)			Std.		
Telephone system (describe)			N.A.		
Theft deterrent system			Std. (Steering lock)		

TRAILER TOWING

Towing capable	Yes / No	Yes
Engine/transmission/axle	Std / Opt	Std.
Tow class (I,II,III)*	Std / Opt	I
Max. gross trailer wgt. (lbs.)	Std / Opt	Std.,450 (1000)
Max. trailer tongue load (lbs.)	Std / Opt	Std.,45 (100)
Towing package available	Yes / No	No

* Class 1 - 2,000 lbs. Class 11 - 3,500 lbs. Class 111 - 5,000 lbs.

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Model Code/Description			4 DOOR		
CONVENIENCE EQUIPMENT (standard, optional, n.a.)			RS	LS / LS-SPL	GS-R
Power equipment	Deck lid (release, pull down)		N.A.		
	Door locks (manual, automatic, describe system)		Std. (Electric, Remote)		
	Seats	2 - 4 - 6 way, etc.	N.A.		
		Reclining (R.H., L.H.)	N.A.		
		Memory (R.H.,L.H.,preset,recline)	N.A.		
		Support (lumbar,hip ,thigh,etc.)	N.A.		
		Heated (R.H., L.H., other)	N.A.		
	Side windows		Std.		
	Vent windows		N.A.		
	Rear windows		N.A.		
Radio systems	Antenna (location, whip, w/shield, power)		Std. (Rear L.H. , Whip type, Power)		
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	AM, FM, Stereo, Tape		
	Optional		N.A.	theft deterrent	
			N.A.		
	Speaker (number, location)		Std. (4,Front side doors & rear side lining) Opt. (2,Front side doors)		Std. (6,Front side doors & rear side lining)
Roof : open air of fixed (flip-up, sliding, "T")			N.A.	Std. (Sliding)	
Speed control device			N.A.	Std.	
Speed warning device (light, buzzer, etc)			N.A.		
Tachometer (rpm)			Std.		
Telephone system (describe)			N.A.		
Theft deterrent system			Std. (Steering lock)		

TRAILER TOWING

Towing capable	Yes / No	Yes
Engine/transmission/axle	Std / Opt	Std.
Tow class (I,II,III)*	Std / Opt	I
Max. gross trailer wgt. (lbs.)	Std / Opt	Std.,450 (1000)
Max. trailer tongue load (lbs.)	Std / Opt	Std.,45 (100)
Towing package available	Yes / No	No

* Class 1 - 2,000 lbs. Class 11 - 3,500 lbs. Class 111 - 5,000 lbs.

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Vehicle Dimensions See Key Sheets for definitions

...l 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.	3 DOOR		4 DOOR	
		RS/LS/LS-SPL	GS-R	RS/LS/LS-SPL	GS-R
WIDTH					
Tread (front)	W101	1475			
Tread (rear)	W102	1470			
Vehicle width	W103	1710			
Body width at SgRP (front)	W117	1690			
Vehicle width (front doors open)	W120	3738		3487	
Vehicle width (rear doors open)	W121	N.A.		3439	
Tumble - home (degrees)	W122	25°30'		27°30'	
Outside mirror width	W410	1940		1910	
LENGTH					
Wheelbase	L101	2670		2620	
Vehicle length	L103	4380		4525	
Overhang (front)	L104	915			
Overhang (rear)	L105	893		988	
Upper structure length	L123	2680		2742	
Rear wheel C/L "X" coordinate	L127	2670		2620	
IEIGHT*					
Passenger distribution (front/rear)	PD1,2,3	2 / 2		2 / 3	
Trunk/cargo load		45 kg (100 lbs)			
Vehicle height	H101	1290		1325	
Cowl point to ground	H114	866			
Deck point to ground	H138	958			
Rocker panel - front to ground	H112	170		156	
Rocker panel - rear to ground	H111	152		144	
Windshield slope angle (degrees)	H122	63°		62°	
Backlight slope angle (degrees)	H121	73°		68°	
GROUND CLEARANCE*					
Front bumper to ground	H102	150			
Rear bumper to ground	H104	192		189	
Bumper to ground front at curb mass (wt.)	H103	157			
Bumper to ground rear at curb mass (wt.)	H105	260			
Angle of approach (degrees)	H106	14°			
Angle of departure (degrees)	H107	15°			
Ramp breakover angle (degrees)	H147	10°			
Axle differential to ground (front/rear)	H153	N.A.			
Min. running ground clearance	H156	109	106	109	106
Location of min. run. grd.clear.		Front end of Exhaust Muffler	Pre-chamber of Exhaust pipe	Front end of Exhaust Muffler	Pre-chamber of Exhaust pipe

* 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.

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Vehicle Dimensions — See Key Sheets for definitions

Model Code/Description	SAE Ref. No.	3 DOOR		4 DOOR	
		RS	LS/LS-SPL/GS-R	RS	LS/LS-SPL/GS-R
FRONT COMPARTMENT					
SgRP front, "X" coordinate	L31	1417		1418	
Effective head room	H61	980	962	988	971
Max. eff. leg room (accelerator)	L34	1085		1073	
SgRP to heel point	H30	205			
SgRP to heel point	L53	860			
Back angle (degrees)	L40	25°			
Hip angle (degrees)	L42	93°			
Knee angle (degrees)	L44	125°42'			
Foot angle (degrees)	L46	92°42'			
Design H-point front travel	L17	240			
Normal driving & riding seat track trvl.	L23	240			
Shoulder room	W3	1314		1309	
Hip room	W5	1278		1290	
Upper body opening to ground	H50	1212		1253	
Steering wheel maximum diameter *	W9	375			
Steering wheel angle (degrees)	H18	22°36'		23°42'	
Accel. heel pt. to steer. whl. cntr	L11	436		433	
Accel. heel pt. to steer. whl. cntr	H17	584		593	
Underpressed floor covering thickness	H67	14			
REAR COMPARTMENT					
SgRP point couple distance	L50	673		762	
Effective head room	H63	890		914	913
Min. effective leg room	L51	714		830	
SgRP (second to heel)	H31	230		247	
Knee clearance	L48	-46		-114	
Shoulder room	W4	1240		1278	
Hip room	W6	1119		1267	
Upper body opening to ground	H61	N.A.		1261	
Back angle (degrees)	L41	28°			
Hip angle (degrees)	L43	72°30'		79°18'	
Knee angle (degrees)	L45	59°		75°18'	
Foot angle (degrees)	L47	108°		116°	
Depressed floor covering thickness	H73	20			
LUGGAGE COMPARTMENT					
Useble luggage capacity L (cu. ft.)	V1	377		347	
Liftover height	H195	756		597	

INTERIOR VOLUMES (EPA Classification)

Vehicle class	Sub compact	
Interior volume index including trunk/cargo (cu.ft.)**	[90.1 (3 DOOR) + 95.1 (4 DOOR)] ÷ 2 = 92.6	
Trunk / cargo index (cu. ft.)	13.32	12.27

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

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Vehicle Dimensions — See Key Sheets for definitions

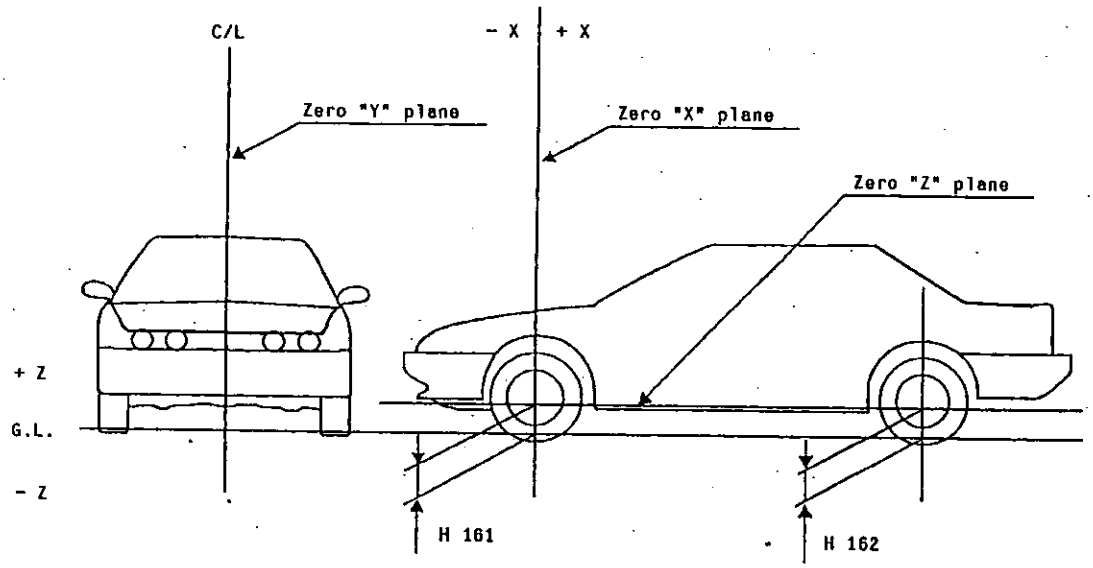
Model Code/Description		3 DOOR	4 DOOR
STATION WAGON/MPW*-THIRD SEAT			
Seat facing direction	SD1	N.A.	
SgRP couple distance	L85		
Shoulder room	W85		
Hip room	W86		
Effective leg room	L86		
Effective head room	H86		
SgRP to heel point	H87		
Knee clearance	L87		
Back angle (degrees)	L88		
Hip angle (degrees)	L89		
Knee angle (degrees)	L90		
Foot angle (degrees)	L91		
STATION WAGON/MPW*-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	1425	N.A.
Cargo length at floor (front)	L209	1548	
Cargo length at second seatback height	L210	770	
Cargo length at floor (second)	L211	959	
Front seatback to load floor height	H197	472	
Second seatback to load floor height	H198	448	
Cargo volume index m^3 ($ft.^3$)	V3	0.69	
Hidden cargo volume index m^3 ($ft.^3$)	V4	N.A.	
Cargo volume index - rear of 2 - seat	V11	0.45	

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

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

Model Code/Description	ALL MODELS

VEHICLE FIDUCIAL MARKS

Fiducial Mark Number*		Define Coordinate Location
Front (1) Front (2) Rear (1) Rear (2) Note: Provide 3 of 4 Fiducial Mark Locations		
Front	W21**	—
	L64**	—
	H81**	—
	H161**	275
	H163**	—
Rear	W22**	—
	L55**	—
	H82**	—
	H162**	283
	H164**	—

* Reference - SAE Recommended Practice, J182a, Motor Vehicle Fiducial Marks.
** Reference - SAE Recommended Practice J1100 - Motor Vehicle Dimensions.
All linear dimensions are in millimeters (inches) unless otherwise noted.

AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

		Vehicle Mass (weight)						% PASS MASSDISTRIBUTION			
		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
DC434	INTEGRA 3 DOOR RS 5M /T	713 (1572)	434 (957)	1147 (2529)	1116 (2458)	P	P	45	55	18	82
DC444	INTEGRA 3 DOOR RS 4A /T	734 (1618)	432 (952)	1166 (2570)	1134 (2499)	P	P	45	55	18	82
DC435	INTEGRA 3 DOOR LS 5M /T	755 (1664)	444 (979)	1199 (2643)	1167 (2572)	N.A.	Q	45	55	18	82
DC445	INTEGRA 3 DOOR LS 4A /T	776 (1711)	442 (974)	1218 (2685)	1186 (2614)	N.A.	Q	45	55	18	82
DC436	INTEGRA 3 DOOR LS-SPL 5M /T	752 (1657)	445 (981)	1197 (2638)	1165 (2567)	N.A.	Q	45	55	18	82
DC446	INTEGRA 3 DOOR LS-SPL 4A /T	773 (1704)	443 (976)	1216 (2680)	1184 (2609)	N.A.	Q	45	55	18	82
DC238	INTEGRA 3 DOOR GS-R 5M/T	768 (1693)	442 (974)	1210 (2667)	1178 (2596)	N.A.	Q	45	55	18	82
DC239	INTEGRA 3 DOOR GS-R 5M/T *	769 (1695)	443 (976)	1212 (2671)	1180 (2600)	N.A.	Q	45	55	18	82
DB754	INTEGRA 4 DOOR RS 5M / T	725 (1598)	467 (1030)	1192 (2628)	1160 (2557)	P	Q	46	54	17	83
DB764	INTEGRA 4 DOOR RS 4A / T	746 (1645)	466 (1026)	1211 (2670)	1179 (2599)	Q	Q	46	54	17	83
DB755	INTEGRA 4 DOOR LS 5M / T	772 (1702)	470 (1036)	1242 (2738)	1210 (2667)	N.A.	Q	46	54	17	83
DB765	INTEGRA 4 DOOR LS 4A / T	793 (1748)	468 (1032)	1261 (2780)	1229 (2709)	N.A.	R	46	54	17	83
DB756	INTEGRA 4 DOOR LS-SPL 5M / T	769 (1695)	467 (1030)	1236 (2726)	1204 (2654)	N.A.	Q	46	54	17	83
DB766	INTEGRA 4 DOOR LS-SPL 4A / T	790 (1742)	465 (1025)	1255 (2767)	1223 (2696)	N.A.	R	46	54	17	83
DB858	INTEGRA 4 DOOR GS-R 5M/T	786 (1733)	468 (1032)	1254 (2765)	1222 (2694)	N.A.	R	46	54	17	83
DB859	INTEGRA 4 DOOR GS-R 5M/T *	787 (1735)	469 (1034)	1256 (2769)	1224 (2698)	N.A.	R	46	54	17	83

* Leather seat

** Reference - SAE J1100 Motor vehicle dimensions,curb weight definition.

*** 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:

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AAMA Specifications Metric (U.S. Customary)	Vehicle Line ACURA INTEGRA 3 DOOR/4 DOOR		
	Model Year 1996	Issued August 1995	Revised (·)

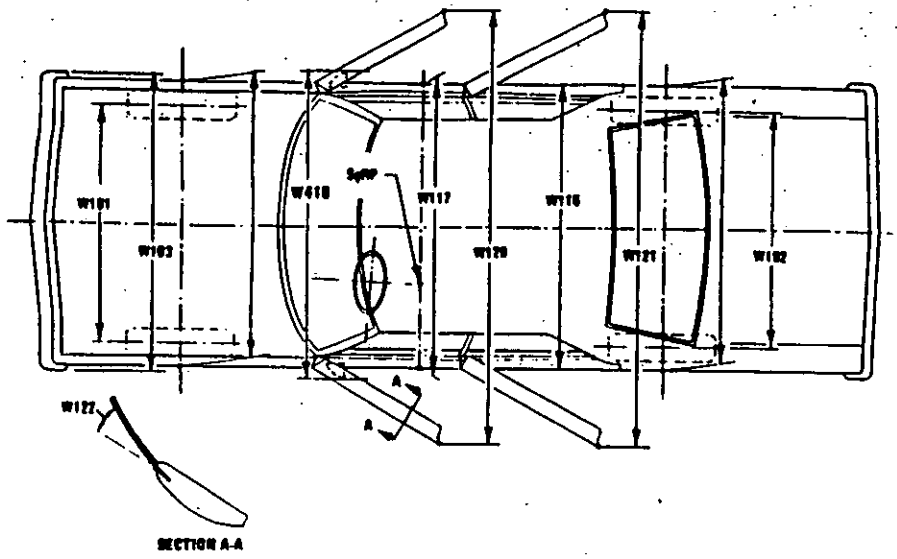
Optional Equipment Differential Mass (weight)*

Code	Equipment	MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
	Air Conditioner	19 (42)	- 1 (-2)	18 (40)	For RS

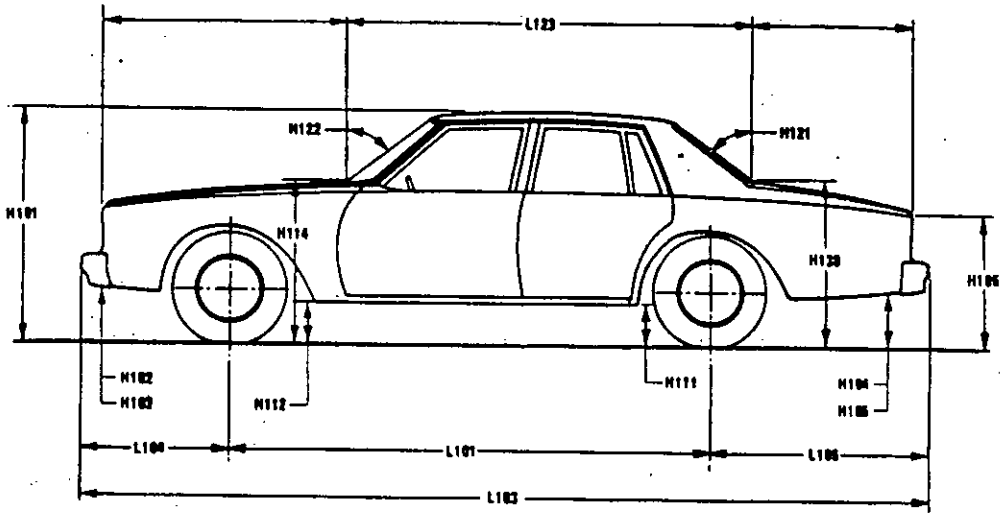
* Also see Engine - General Section for dressed engine mass (weight).

Exterior Vehicle And Body Dimensions – Key Sheet

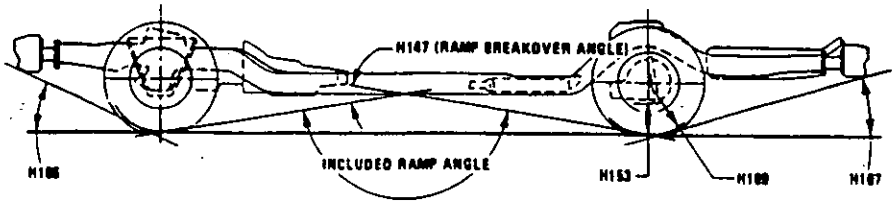
Exterior Width



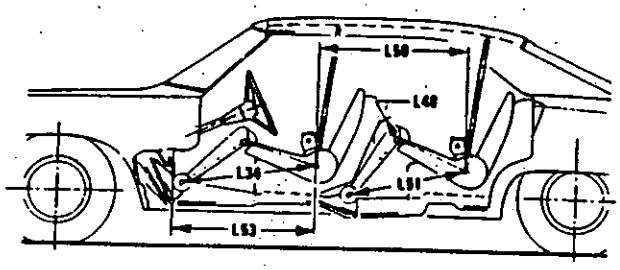
Exterior Length & Height

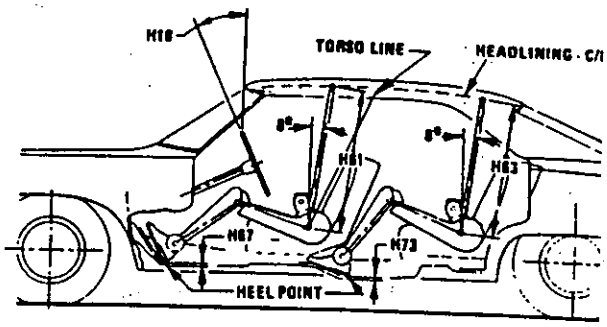


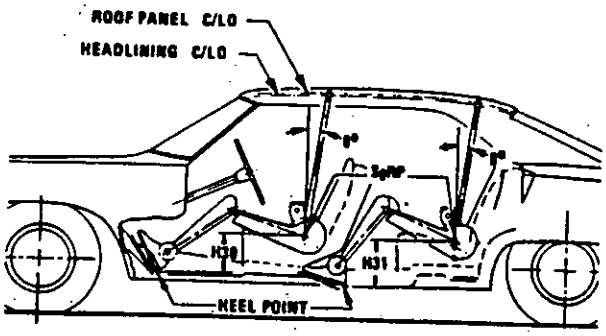
Exterior Ground Clearance

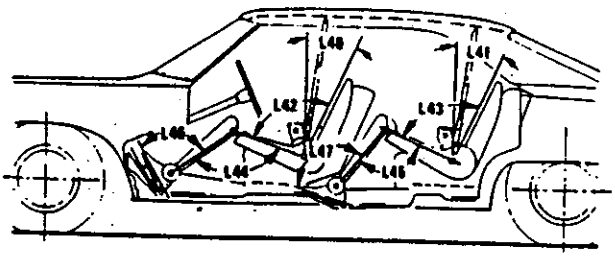


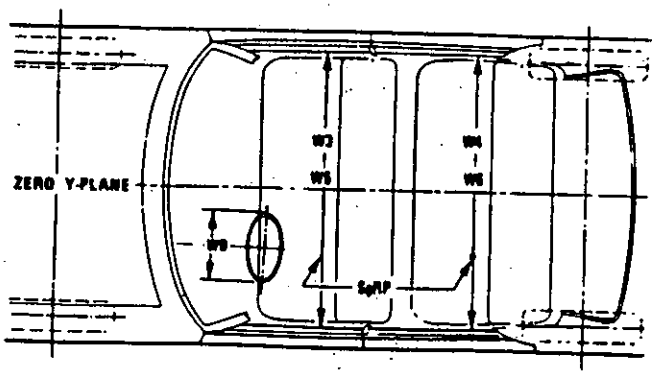
Interior Vehicle And Body Dimensions – Key Sheet

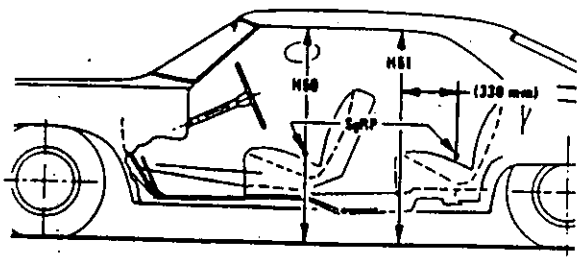






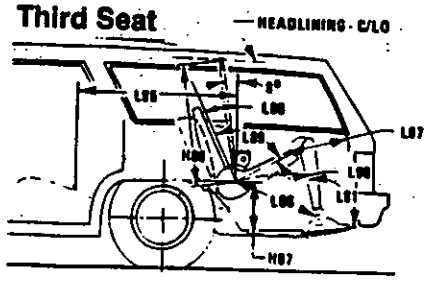


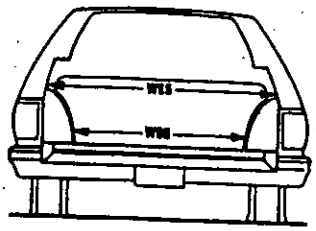




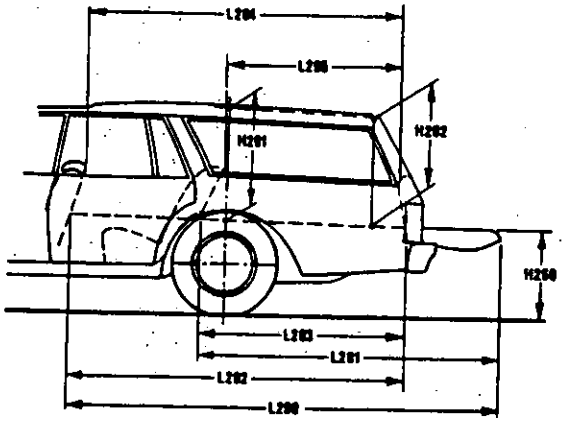
Interior Vehicle And Body Dimensions – Key Sheet

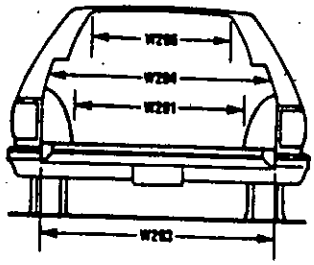
Third Seat



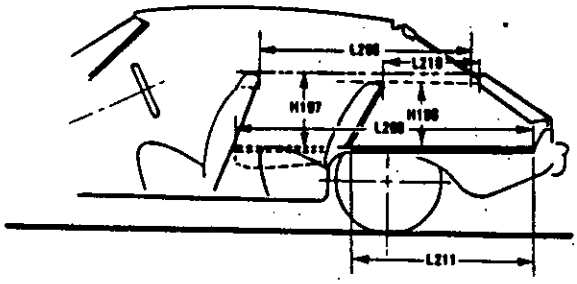


Cargo Space

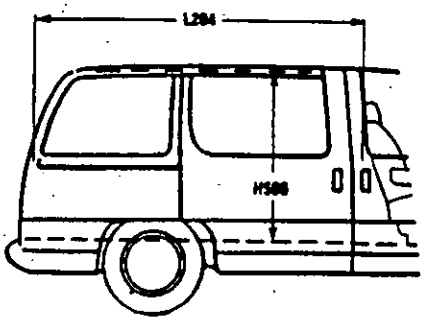


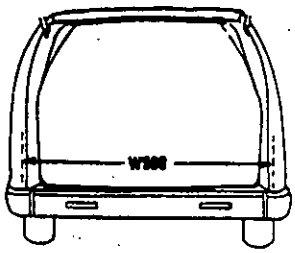


Station Wagon



Hatchback





Multipurpose Vehicle

Exterior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which –
(a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;
(b) Has coordinates established relative to the design vehicle structure;
(c) Simulates the position of the pivot center of the human torso and thigh; and
(d) Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Devices for Use in Defining and Measuring Vehicle Seating Accommodations,".

Width Dimensions

W101 TREAD – FRONT. The dimension measured between the tire centerlines at the ground.

W102 TREAD – REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.

W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.

W117 BODY WIDTH AT SgRP – FRONT. The dimension measured laterally between the widest points on the body at the SgRP-front, excluding door handles, applied moldings, or appliques.

W120 VEHICLE WIDTH – FRONT DOORS OPEN. The dimension measured between the widest point on the front doors in maximum hold-open position.

W121 VEHICLE WIDTH – REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open position. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.

W122 TUMBLE – HOME. STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door glass at the front SgRP "X" plane.

W410 OUTSIDE MIRROR WIDTH: The dimension between the widest point on the outside mirrors. The standard right and left mirror adjusted for normal driving will be shown unless otherwise noted. When only one outside mirror is standard, the dimension will be to the zero "Y" plane.

Length Dimensions

L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.

L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L104 OVERHAND – FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L105 OVERHANG – REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.

L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point.

L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be the midpoint of the distance between the rear axle centerlines.

Height Dimensions

H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.

H111 ROCKER PANEL – REAR TO GROUND. The dimension measured vertically from the bottom of the rocker or side quarter panel at the front of the rear wheel opening, excluding flanges, to ground.

H112 ROCKER PANEL – FRONT TO GROUND. The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.

H114 COWL POINT TO GROUND. Measured at zero "Y" plane.

H121 BACKLIGHT SLOPE ANGLE. The angle between the vertical reference line and the surface of backlight at vehicle zero "Y" plane. For curve backlight, the angle is to chord of backlight arc from lower DLO to upper DLO.

H122 WINDSHIELD SLOPE ANGLE. The angle between the vertical reference line and a chord of the windshield arc running from the lower DLO to the upper DLO at the vehicle zero "Y" plane. In the case of wrap over glass, the angle to be measured will be formed by a chord 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.

H138 DECK POINT TO GROUND. Measured at zero "Y" plane.

H109 STATIC LOAD – TIRE RADIUS – REAR. Specified by the manufacturer in accordance with composite TIRE SECTION STANDARD.

Ground Clearance Dimensions

H102 FRONT BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the front bumper to ground, including bumper guards, if standard equipment.

H103 FRONT BUMPER TO GROUND – CURB MASS (WT.). Measured in the same manner as H102.

H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.

H105 REAR BUMPER TO GROUND – CURB MASS (WT.). Measured in the same manner as H104.

H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius arc and the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.

H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius arc and the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.

H147 RAMP BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.

H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.

H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

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 measu laterally between the trimmed surfaces on the "X" pla through the SgRP – front within 25 mm (1.0 in.) below and mm (3.0 in.) above the SgRP – front and 76 mm (3.0 in.) f and aft of the SgRP – front.

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

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

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

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

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

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

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

Rear Compartment Dimensions

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

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

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

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

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

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

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

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

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

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

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

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

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

Interior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

Luggage Compartment Dimensions

V1 USABLE LUGGAGE CAPACITY – Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100a.

Interior Volumes (EPA Classification)

The Interior Volume Index is listed for each body style except two seaters. The Interior Volume Index estimates the space in a car. It is based on four measurements – head room, shoulder room, hip room, and leg room – for the front and rear seats, plus trunk capacity.

The Trunk/Cargo Index is an estimate of the size of the trunk/cargo space. In station wagons and hatchbacks it is an estimate of the space behind the second seat.

Station Wagon / MPV – Third Seat Dimensions

L85 SgRP COUPLE DISTANCE – THIRD. The dimension measured horizontally from the SgRP – second to the SgRP – third.

L86 EFFECTIVE LEG ROOM – THIRD. The dimension measured along a line from the ankle pivot center to the SgRP – third plus 254 mm (10.0 in.).

L87 KNEE CLEARANCE – THIRD. The minimum dimension from the knee pivot center to the back of second seatback minus a constant of 51 mm (2.0 in.). With rear-facing third seat, dimension is measured to closure.

L88 BACK ANGLE – THIRD. Measured in the same manner as L41.

L89 HIP ANGLE – THIRD. Measured in the same manner as L43.

L90 KNEE ANGLE – THIRD. Measured in the same manner as L45

L91 FOOT ANGLE – THIRD. Measured in the same manner as L47.

W85 SHOULDER ROOM – THIRD. Measured in the same manner as W4.

W86 HIP ROOM – THIRD. Measured in the same manner as W5.

H86 EFFECTIVE HEAD ROOM – THIRD. The dimension, measured along a line 8 deg. from the SgRP – third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).

H87 SgRP – THIRD TO HEEL POINT.

SD1 SEAT FACING DIRECTION – THIRD.

Station Wagon / MPV – Cargo Space Dimensions

L200 CARGO LENGTH – OPEN – FRONT. The minimum dimension measured longitudinally from the back of the front seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate at the zero "Y" plane.

L201 CARGO LENGTH – OPEN – SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

L202 CARGO LENGTH – CLOSED – FRONT. The minimu dimension measured horizontally from the back of the fr seat at the height of the undepressed floor covering to t rearmost point on the undepressed floor covering on t closed tailgate or taildoor for station wagons, trucks a mpv's at the zero "Y" plane.

L203 CARGO LENGTH – CLOSED – SECOND. The dimensi measured horizontally from the back of the second seat the height of the undepressed floor covering to the rearm point on the undepressed floor covering on the clos tailgate or taildoor for station wagons, trucks and mpv's the zero "Y" plane.

L204 CARGO LENGTH AT BELT – FRONT. The minimum mension measured horizontally from the back of the fr seatback at the seatback top to the foremost normal surfa of the closed tailgate or inside surface of the cab backpar at the height of the belt, on the zero "Y" plane.

L205 CARGO LENGTH AT BELT – SECOND. The minimum mension measured horizontally from the back of the seco seatback at the seatback top to the foremost normal surfa of the closed tailgate at the height of the belt, on the ze "Y" plane.

W201 CARGO WIDTH – WHEELHOUSE. The minimum dimensi measured laterally between the trimmed wheelhousings floor level. For any vehicle not trimmed, measure to t sheet metal.

W203 REAR OPENING WIDTH AT FLOOR. The minimu dimension measured laterally between the limiting int ferences of the rear opening at floor level.

W204 REAR OPENING WIDTH AT BELT. The minimum mension measured laterally between the limiting ferences of the rear opening at belt height or top of pi box.

W205 REAR OPENING WIDTH ABOVE BELT. The minimu dimension measured laterally between the limiting int ferences of the rear opening above the belt height.

W500 CARGO WIDTH AT FLOOR. The maximum dimensk measured laterally between the limiting interferences at t floor level. This dimension shall include ribs and pillars, b will exclude wheelhouses.

H197 FRONT SEATBACK TO LOAD FLOOR HEIGHT. T dimension measured vertically from the horizontal tange to the top of the seatback to the undepressed floor coverin

H201 CARGO HEIGHT. The dimension measured vertically fro the top of the undepressed floor covering to the headlini at the rear wheel "X" coordinate on the zero "Y" plane.

H202 REAR OPENING HEIGHT. The dimension measur vertically from the top of the undepressed floor covering the upper trimmed opening on the zero "Y" plane with re door fully open.

H250 TAILGATE TO GROUND CURB MASS (WT.). The dime sion measured vertically from the top of the undepress floor covering on the lowered tailgate to ground on the ze "Y" plane.

H505 MAXIMUM CARGO HEIGHT. The maximum vertical dime sion rear of the front seat from the cargo floor to roof bc or headlining at the zero "Y" plane.

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:

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

MVMA Specifications

METRIC (U.S. Customary)

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