MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1991

| Manufacturer | Vehicle Line | | | |
|---|---|--|--|--|
| HONDA MOTOR CO., LTD. | INTEGRA | | | |
| Mailing Address | | | | |
| No. 1-1, 2 chome, Minami - Aoyama, Minato - ku, Tokyo, Japan | Issued Revised August 1990 October 1990 | | | |

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 from was developed by the vehicle manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.

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.



Motor Vehicle Manufacturers association of the United States, Inc.

Forms Provided by Technical Affairs Division

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NOTE:

1. This form uses both SI metric units and U.S. Customary unit. 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

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.

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|--------------|------|---------|-------------|-----------------------|
| Model Year_ | 1991 | lssued_ | August 1990 | Revised (-) Oct. 1990 |

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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. | |

ØVehicle 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 - MPG (City/Hwy) |
|--|----------------------|--|--|--|---|
| INTEGRA 3DOOR RS (FWD) | Oct. 1990 | ACURA, INTEGRA, 5M, HATCHBACK, (DA934) | 2/3 | 45 (100) | 24/28 |
| | | ACURA , INTEGRA , 4A , HATCHBACK , (DA944) | | | 23/28 |
| INTEGRA 3DOOR LS (FWD) | | ACURA, INTEGRA, 5M, HATCHBACK, (DA935) | | | 24/28 |
| | | ACURA, INTEGRA, 4A, HATCHBACK, (DA945) | | k | 23/28 |
| INTEGRA 3DOOR LS SPECIAL (FWD) | Mar. 1991 | ACURA, INTEGRA, 5M, HATCHBACK, (DA939) | | <u>.</u> | 24/28 |
| INTEGRA 3DOOR GS (FWD) | Oct. 1990 | ACURA, INTEGRA, 5M, HATCHBACK, (DA936,937*2) | | | 24/28 |
| | | ACURA , INTEGRA , 4A , HATCHBACK , (DA946,947*2) | : | ŧ | 23/28 |
| INTEGRA 4DOOR RS (FWD) | Oct. 1990 | ACURA , INTEGRA , 5M , SEDAN , (DB154) | 2/3 | 45 (100) | 24/28 |
| | | ACURA , INTEGRA , 4A , SEDAN , (DB164) | | | 23/28 |
| INTEGRA 4DOOR LS (FWD) | • | ACURA , INTEGRA , 5M , SEDAN , (DB155) | | | . 24/28 |
| | : | ACURA , INTEGRA , 4A , SEDAN , (DB165) | | | 23/28 |
| INTEGRA 4DOOR GS (FWD) | | ACURA , INTEGRA , 5M , SEDAN , (D8156,157*2) | | | 24/28 |
| | | ACURA , INTEGRA , 4A , SEDAN , (DB166,167*2) | ~~~ | | 23/28 |

^{*} FWD - Front Wheel Drive

RWD - Rear Wheel Drive

AWD - All Wheel Drive

4WD - Four Wheel Drive

^{*1 5}M:5 Speed manual transmission

⁴A: 4 Speed automatic transmission *2 DA937, DA947, DB157, DB167: with leather seat cover

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|--------------|---------|--------|-------------|------------------|------|
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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 | В | С | D |
|--------|-----------------------------------|--------------------|-----------------|-----------------|----|-------|
| | Engine code | | B18A1 | B18A1 | / | · / |
| E٠ | Displacement | Liters (in³) | 1.8 (112) | 1.8 (112) | | |
| N G | Induction system (FI, Carb, etc.) | | EFI *1 | EFI *1 | | |
| 6 | Compression | ratio | 9.2 | 9.2 | | |
| N | SAE Net at | Power kW (bhp) | 97 (130) @6000 | 97 (130) @6000 | | |
| E | RPM | Torque N·m(lb.ft.) | 164 (121) @5000 | 164 (121) @5000 | | |
| | Exhaust singl | e, dual | dual | dual | /. | · / · |
| R | Transmission | / Transaxle | 5M | 4A | | |
| Ņ | Axle Ratio (std. first) | | 4.40 | 4.43 | / | V . |

^{*1:} Electronic Fuel Injection

| Series Availabil | ity | Power Teams (A - B - C - D) | | |
|--------------------------|--------------|-----------------------------|----------|--|
| Model | Code | Standard | Optional | |
| : | DA934 | Α | N.A. | |
| INTEGRA 3DOOR RS | DA944 | В | N.A. | |
| | DA935 | Α | N.A. | |
| INTEGRA 3DOOR LS | DA945 | 8 | N.A. | |
| INTEGRA 3DOOR LS SPECIAL | DA939 | A | N.A. | |
| | DA936, DA937 | Α | N.A. | |
| INTEGRA 3DOOR GS | DA946, DA947 | В | N.A. | |
| | DB154 | Α | N.A. | |
| INTEGRA 4DOOR RS | DB164 | В | . N.A. | |
| | DB155 | ~ A | N.A. | |
| INTEGRA 4DOOR LS | DB165 | В | Ň.A. | |
| INTEGRA ADOOD CO | DB156, DB157 | Α | N.A. | |
| INTEGRA 4DOOR GS | DB166, DB167 | В | N.A. | |

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| Model Year_ | 1991 | Issued_ | August 1990 | Revised (·) | |

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Engine Description: Engine Code

| B18A1 | |
|-------|--|

| 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 | |
|---|--|------------------------|---|--|
| Manufacture | • | | HONDA MOTOR CO., LTD. | |
| No. of cylinde | | | 4 | |
| Bore | | | 81.0 (3.19) | |
| Stroke | | | 89.0 (3.50) | |
| Bore spacing | (C/L to C/L) | | 90.0 (3.54) | |
| | | s kg (lbs.) (machined) | Aluminum silicon alloy, 21.1 (46.5) | |
| | k deck height | | 271.95 (10.71) | |
| Cylinder bloc | _ | | 427.0 (16.81) | |
| -,- | | pove or below block) | 60 (below block) | |
| | material & mass | | Aluminum silicon alloy, 10.7 (23.6) | |
| <u> </u> | l volume (cm³) | | 45.0 | |
| Cylinder liner | | | Cast iron alloy | |
| | thickness (compr | essed) | 0.7 ± 0.05 (0.028 ± 0.002) | |
| | | er total volume (cm³) | 223.7 | |
| Cyl. no. syster | | L. Bank | Left to Right: 1-2-3-4 | |
| (front to rear |)* · | R. Bank | | |
| Firing order | | | 1-3-4-2 | |
| | old material & m | ass [kg (lbs.)]** | Aluminum silicon alloy, 4.1 (9.0) | |
| | ~ | mass [kg (lbs.)]** | Cast iron alloy, 7.35(16.2) | |
| Fuel required unleaded, diesel, etc. | | | Unleaded | |
| Fuel antiknock index (R + M) ÷ 2 | | | (91 + 81)/2 = 86, not less than 86 | |
| | Quantity | | 2 | |
| Engine · mounts | Material and type (elastomeric, hydroelastic, hydraulic, damper, etc.) | | Rubber elastomeric | |
| | Added isolation (sub - frame, crossmember, etc.) | | , Cross beam | |
| Total dressed engine mass (wt) dry *** | | | 133 (293) | |

Engine - Pistons

| _ | | |
|-----|--|-----------------------------|
| r | | Aluminum alloy, 263 (9.276) |
| - 1 | Material & mass, g (weight, oz.) - piston only | Authitum siloy, 203 (5.274) |
| | interest of thesis, & (treasure, early brosen and) | |

Engine - Camshaft

| In cylinder head |
|---|
| Ni - Cr - Mo Steel, 1.37 × 2 (3.02 × 2) |
| Cogged belt |
| 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 | | | | | |
|--|--|--------------------|--------------------------------|-------------------------------------|------------|--|--|--|
| it tall a boattlanda | | Model Year 1991 | Issued August 1990 Revised (·) | | | | | |
| METRIC (U.S. | Customa | ary) | | | | | | |
| Engine Description | | - | | B18A1 | | | | |
| Engine Code | • | | | D IOCI | | | | |
| Engine - Valve : | System | | | | | | | |
| Hydraulic lifters (| | a.) | | N.A. | | | | |
| <u> </u> | | ake / exhaust | | 8/8 | | | | |
| Valves | | ntake / exhaust | | 31/28 (1.2/1.1) | | | | |
| Engine - Conne | cting Rods | · | | | | | | |
| Material & mass | | | | Carbon steel, 0.30 (0.66) | | | | |
| Length (axes & | | | | 137 (5.39) | | | | |
| Engine - Crank | shaft | | | | · | | | |
| Material & mass | | , lbs.)]* | | Carbon steel, 15.9 (35.1) | | | | |
| End thrust taken | | | | 2 | | | | |
| Length & number | | | | 20 (0.79), 7 | | | | |
| | | Front | | Rubber, 4 piece design | | | | |
| Seal (material, one, two piece design, etc.) | | Rear | | Rubber, 4 piece design | | | | |
| Engina - Lubric | ation Syst | em | | | | | | |
| | ngine - Lubrication System Normal oil pressure (kPa(psi) at engine rpm) | | | 245 (35.6) - 441 (64.0) @ 2000 | | | | |
| | Type oil intake (floating, stationary) | | | Floating | | | | |
| | | | | Full flow | | | | |
| Oil filter system Capacity of c / ca | | | | 4.5 (4.8), Less filter - refill 3.9 | | | | |
| | | | | | | | | |
| Engine - Diese | | on | | | | | | |
| Diesel engine m | | | | | \nearrow | | | |
| Glow plug, curre | |)*F | | | | | | |
| Injector nozzle | Туре | | <u>i</u> | | | | | |
| | <u> </u> | ressure [kPa(psi)] | | | | | | |
| Pre-chamber de | | <u></u> | | | | | | |
| Fuel injection pump | manufactu | nter | | | | | | |
| · | Туре | | | | | | | |
| | | elt, chain, gear) | -; | | | | | |
| Supplementary | | rce (type) | | | | | | |
| Fuel heater (yes | | - (and a=2) | | / | * | | | |
| Water separato | | n (sta., opt.) | | · | | | | |
| Turbo manufac Oil cooler - type | | ne coolant : | | | | | | |
| oil to ambient a | air) | | | | | | | |
| Oil filter | | | / | | | | | |
| Engine - Intak | | | | N.A. | | | | |
| Turbo charger | - manufactur | er | | | | | | |
| Super charger - | manufactur | er <u> </u> | | N.A | | | | |
| Intercooler | | | | N.A | | | | |

^{*} Finished State

| Vehicle Line | INTEGRA | | | | | | ehicle Line INTEGRA | | | |
|--------------|---------|-----------|--------|---------------|-------------|--|---------------------|--|--|--|
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| Engine Description | B18A1 |
|--------------------|-------|
| Engine Code | |

| Coolant recovery | y system (std., opt., n.a.) | Std. |
|---------------------------|--|------------------------------|
| | tion (rad., bottle) | Rad. |
| | ef valve pressure [kPa (psi)] | 88 ± 14.7 (12.8 ± 2.1) |
| | | Bypass |
| Circulation Thermostat | Type (choke, bypass) Starts to open at °C (°F) | 78 ± 2 (172.4 ± 3.6) |
| | | Centrifugal |
| | Type (centrifugal, other) | 37 at 6000 rpm |
| | GPM 1000 pump rpm | 1 |
| | Number of pumps | . Cogged belt |
| Water pump | Drive (V - belt, other) | Ball bearing |
| | Bearing type | Carbon steel |
| | Impeller material | Aluminum alloy |
| | Housing material | External |
| By-pass recircula | ation [type (inter., ext.)] | MT: 6.1 (6.4), AT: 6.5 (6.9) |
| Cooling | With heater - L(qt.) | N.A. |
| system | With air conditioner - L(qt.) | N.A. |
| capacity | Opt. equipment [specify - L(qt.)] | Yes |
| Water jackets fo | ull length of cyl. (yes, no) | |
| Water all aroun | nd cylinder (yes, no) | Yes |
| Water jackets o | pen at head face (yes, no) | Yes |
| | Std., A/C, HD | Std. |
| | Type (cross - flow, etc.) | Down flow |
| . • | Construction (fin & tube mechanical, braze, etc.) | Vertical / tube & fin |
| Radiator core | Material, mass [kg (wgt., lbs.)] | Brass, 5.33 (11.75) |
| | Width | 668 |
| | Height | 325 |
| | Thickness | 16 |
| | Fins per inch | 11 |
| Radiator end to | ank material | Brass |
| | Std., elec., opt. | · Elec. |
| | Number of blades & type (flex, solid, material) | 5, Flex, Polypropylene |
| | Diameter & projected width | 280, 48 - 100 |
| | Ratio (fan to crankshaft rev.) | N.A. |
| _ | Fan cutout type | N.A. |
| Fan | Drive type (direct, remote) | N.A. |
| | RPM at idle (elec.) | 1960 - 2320 |
| | Motor rating (wattage) (elec.) | 69.6 - 88.8 |
| | Motor switch (type & location) (elec.) | Thermo switch |
| | Switch point (temp., pressure) (elec.) | 90 ± 1.5°C |
|] | Fan shroud (material) | Polypropylene |

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Engine Description: Engine Code

| B18/ | \1 | - | |
|------|-----------|---|------|
| | | _ | |

| induction type: carburetor, fuel injection system, etc. | | Fuel injection system |
|---|---|------------------------------------|
| Manufacturer | | HONDA MOTOR CO., LTD. |
| Carburetor no. o | of barrels | N.A. |
| Idle A/F mix. | | Approx. 14.7 |
| Tale Par Tilla. | Point of injection (no.) | Intake port, (4) |
| | Constant, pulse, flow | Pulse flow |
| Fuel injection | Control (electronic, mech.) | Electronic |
| | System pressure [kPa (psi)] | 250 ± 5 (36.3 ± 0.7) |
| dle spd rpm spec, neutral | | T30 (Neutral) |
| or drive and propane if used) | Automatic | 750 (Neutral) |
| Intake manifold | i heat control er thermostatic or fixed) | Water thermostatic |
| Air cleaner type | | Paper element |
| Fuel filter (type | | Paper element / Engine compartment |
| | Type (elec. or mech.) | Electrical |
| • | Location (eng., tank) | Inside of fuel tank |
| Fuel pump | Pressure range [kPa (psi)] | 441 ~ 588 (64.0 ~ 85.5) |
| • • | Flow rate at regulated pressure [L (gal) / hr @ kPa (psi) | 85 (22.5) at 250 (36.25) |

| uel Tank | | 50 (13.2) | |
|------------------------|--------------------------|--|--|
| Capacity (refill | L (gallons)] | | |
| Location (descr | ibe) | Rear underfloor | |
| Attachment | | Bolt | |
| Material & Mas | is [kg (weight lbs.)] | Steel, 9.5 (20.9) | |
| | Location & material | LH side rear quarter panel, carbon steel | |
| Filler pipe | Connection to tank | Flexible connecting tube | |
| Fuel line (mate | rial) | Steel pipe | |
| Fuel hose (mate | | Fluoric rubber | |
| Return line (ma | | Steel pipe | |
| Vapor line (ma | | Steel pipe | |
| vapor inte (iiia | Opt., n.a. | N.A. | |
| | Capacity [L (gallons)] | N.A. | |
| Extended range tank | Location & material | N.A | |
| - | Attachment | N.A. | |
| | Opt., n.a. | N.A | |
| | Capacity [L (gallons)] | , N.A. | |
| | Location & material | N.A. | |
| Auxiliary tank | Attachment | N.A. | |
| | Selector switch or valve | N.A. | |
| | Separate fill | N.A. | |

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Engine Description Engine Code

| | B18 | BA1 ' |
|----|-----|-------|
| 5M | | 4A |

| | Type (air injection, engine modification, other) | | | CAT | | CAT/EGR |
|---|--|---|---------------------|--------------------------|-------------------------------------|-----------------|
| , | <u> </u> | Pump or pulse | | N.A. | | |
| | | Driven by | | | N. | A |
| | Air Injection | Injection Air distribution (head, manifold, etc.) | | | | A. |
| | ļ | Point of entry | | | N | .A |
| | | Type (control open orifice, | led flow, other) | N,A. | · <u> </u> | Controlled flow |
| Exhaust Gas Emission Control Exhaust Gas Recirculation | Exhaust sour Point of exha (spacer, carbo manifold, oth | ust injection rretor, | N.A | , | Cylinder head port, intake manifold | |
| | | Туре | | | Three | e - way |
| | | Number of | | | | 1 |
| Catalytic | Location(s) | | Under floor | | | |
| | Catalytic | Volume (L (in |)] | Confidential | | |
| | Converter | Substrate type | | Confidential | | |
| | | Noble metal type | | Confidential | | |
| | 1. | Noble metal concentration (g / cm³) | | | Confi | idential |
| | Type (ventilate | es to atmospher em, other) | e, | · Induction system (PCV) | | |
| Crankcace Emission | Energy source | | , other) | Manifold vacuum | | |
| Control | | intake manifol | | | | e manifold |
| | | ther cap, other) | | Air intake hose | | |
| Evapora - | Vapor vented | to | Fuel tank | Canister | | |
| tive | (crankcase, ca | inister, other) | Carburetor | N.A. | | |
| Emission Control | Vapor storag | e provision | | Canister | | |
| Electronic | | | | | | Yes |
| | system Open loop (yes | | | No | | |

| ngine - E | xhaust System | | |
|-------------|---|---|--|
| Type (singl | e, single with cross - over, dual, other) | 1, reverse flow, stainless steel, 10.5 (23.1) | |
| | . & type (reverse flow, straight thru, separate Material & Mass [kg (weight lbs)] | | |
| Resonator | | N.A. | |
| 1(0)0.1000 | Branch o.d., wall thickness | N.A. | |
| Exhaust | Main o.d., wall thickness | 48.6, 1.6 | |
| pipe | Material & Mass [kg (weight lbs)] | ~~ Carbon steel, 2.9 (6.4) | |
| Inter- | Main o.d., wall thickness | 50.8, 1.6 | |
| mediate | Material & Mass [kg (weight lbs)] | Carbon steel, 6.8 (15.0) | |
| pipe ' | Main o.d., wall thickness | . 45.0, 1.6 | |
| Tail pipe | Material & Mass [kg (weight lbs)] | Carbon steel | |

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| ngine Description | B18A1 | | |
|---|-----------------|--------------|--|
| ngine Code | 5M | .4A | |
| ransmissions / Transaxle (Std., Opt., N. A.) Manual 3 - speed (manufacturer / country) | N.A. | | |
| Manual 4 - speed (manufacturer / country) | N.A. | | |
| Manual 5 - speed (manufacturer / country) | HONDA / JAPAN . | N.A. | |
| Automatic (manufacturer / country) | N.A. HONDA/JAP | | |
| Automatic (manufacturer / country) | | - | |

Manual Transmission / Transaxle

| Number of forward speeds | | 5 | N.A. |
|--|------------------|------------------------|------|
| Number of forwar | | 3.17 | N.A. |
| | 1st | 1.86 | N.A. |
| | 2nd | 1,26 | N.A. |
| Gear ratios | 3rd | 0.94 | N.A. |
| | 4th | 0.74 | N.A. |
| | 5th | 3.00 | N.A. |
| Synchronous meshing (specify gears) | | All gears | N.A. |
| Shift lever location | | Floor | N.A. |
| | | Aluminum silicon alloy | N.A. |
| Trans. case mat'l. & mass kg (lbs.)* Capacity [L (pt.)] | | 2.4 (5.1) | N.A. |
| Lubricant | Type recommended | SF or SG | N.A. |
| | Type recommended | | |

Clutch (Manual Transmission)

| Clutch manufacturer | | FUJI CHEMICAL INDUSTRY | N.A | |
|---|--|----------------------------------|-------------------------|------|
| Clutch type (dry, wet; single, multiple disc) | | Dry, single | N.A. | |
| | | | Cable | N.A. |
| Linkage (hydraulic, | cable, rod, level | | | N.A. |
| Max. pedal effort (nom.spring load, r | new) N (lbs) | Depressed | | N.A. |
| | | Released | N.A. | N.A. |
| Assist (spring, pow | er / percent, nom | inal) | | N,A. |
| Type pressure plate | springs | | Diaphragm | |
| Total spring load (r | nominal, new) N | (lbs) | 3740 - 4270 (841 - 960) | N.A |
| | | gr. & material coding | FUJI CHEMICAL INDUSTRY | N.A. |
| | Facing material & construction | | Carbon steel | N.A |
| | Rivets per facing | | 32 | N.A |
| | Outside x inside dia. (nominal) | | 220 × 150 | N.A. |
| Clutch facing | *Total eff. area [cm²(in.²)] Thickness (pressure plate side / fly wheel side) | | 203 (31.5) | N.A |
| - | | | 1.6- | N.A. |
| | Rivet dept | h (pressure plate vheel side) | 5.3 | N.A. |
| | | ent cushion method | Disk plate spring | N.A. |
| Polonea bonsing to | | | Ball bearing . | N.A. |
| Release bearing type & method lub. Torsional damping method, springs, hysteresis | | Damper rubber | N.A. | |

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

| Vehicle Line | | | NTEGRA | | | |
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Engine Description= Engine Code B18A1

Automatic Transmission / Transaxle

| Trade Name | | Automatic |
|--------------------------------------|---|--|
| Type and special features (describe) | | 4 - speed automatic transmission with lock - up clutch |
| .75 | Location (column, floor, other) | Floor |
| Gear selector | Ltr. / No. designation (e.g. PRND21) | 6, P-R-N-D-5-2 |
| | Shift interlock (yes, no, describe) | Yes |
| | | 2.65 |
| | 1st | 1.48 |
| Gear ratios | 2nd | 0.97 |
| | 3rd | 0.72 |
| | 4th | 1.90 |
| | Reverse | 1-2:53(33), 2-3:100(62), 3-4:159(99) |
| Max. upshift sp | peed - drive range [km/h (mph)] | |
| Max. kickdowr | speed - drive range [km/h (mph)] | 4-3:137 (85), 3-2:91 (57), 2-1:47 (29) |
| | speed [km/h (mph)] | N.A. |
| | Number of elements | 3 |
| | Max, ratio at stall | 2.55 at 2600 rpm |
| Torque converter | Type of cooling (air, liquid) | Air & liquid |
| CONVENCE | Nominal diameter | 244 |
| | Capacity factor "K" | |
| | | 5.4 (11.4) |
| Lubricant | Capacity [refill L (pt.)] | DEXRON II |
| | Type recommendèd | |
| Oil cooler (std | ., opt., N.A., internal, external, air, liquid) | Std., External, liquid |
| | mass [kg (lbs)] & case material ** | Aluminum silicon alloy |

All Wheel / 4 Wheel Drive

| Description & ty while moving, a | /pe (part - time, full - time, 2/4 shift nechanical, elect., chain/gear, etc.) | |
|-------------------------------------|---|----------|
| | Manufacturer and model | |
| Transfer case | Type and location | 1 |
| Low - range ge | ar ratio | <u>'</u> |
| System disconn | ect (describe) | |
| Center | Type (bevel, planetary, w or w/o viscous bias, torsen, etc.) | |
| differential | Torque split (% front / rear) | |

^{*} Input speed ÷ √torque

^{**} Dry weight including torque converter. If other, specify.

| Vehicle Line | | | NTEGRA_ | | | |
|--------------|------|--------|---------|------|---------------|--|
| | 1991 | Issued | August | 1990 | _ Revised (·) | |

MFTRIC (U.S. Customary)

| METRIC (0.5. Castolia) | B18A1 . | - 1 |
|--|---------|-----|
| Engine Description - Engine Code | 5M 4A | |

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

| 4.40 | 4.43 | |
|--------|-------|--|
| N.A. | | |
| 194.1 | | |
| 15 | 14 | |
| 66 | 62 | |
| - - | 194.1 | |

Front Drive Unit

| ront brive ont | | | Helical gear | | |
|--|-------------------------|--------------|--------------|--|--|
| Description (integral to trans., etc.) | | N.A. | | | |
| Limited slip differential (| type) | | | | |
| 1ype | | Straight b | pevel gear | | |
| Drive pinion | Offset | N.A. | | | |
| | | 2 | | | |
| No. of differential pinior | | CL: | | | |
| | Adjustment (shim, etc.) | Shim N.A. | | | |
| Pinion / differential | Bearing adjustment | | | | |
| a the state of | | Ball bearing | | | |
| Driving wheel bearing (type) | | 2.1 (4.4) | 3.0 (6.3) | | |
| | Capacity {L (pt.)} | | DEXRON II | | |
| Lubricant | Type recommended | SF or SG | DEXRON II | | |

Axle Shafts - Front Wheel Drive

| | er and number | er used | | HONDA MOTOR, 2 | | |
|---------------------------|---|--------------------|----------------|---|--|--|
| | er and name | | Left | Straight solid bar | | |
| ype (straig | pe (straight, solid bar, tubular, etc.) | | Right | Straight solid bar | | |
| | Manual transaxle | | Left | 26 × 378 | | |
| Outer | Manual transaxle | | Right | 26 × 378 | | |
| liam. x | | | Left | 26 × 378 | | |
| ength* x vall | Automatic t | ransaxle | Right | 26 × 378 | | |
| van hickness | <u> </u> | | Left | N.A | | |
| | Optional transaxle | | Right | N.A. | | |
| | | | 19 | Birfield double offset joint - solid type | | |
| Slip yoke Number of teeth | | | N.A. | | | |
| | | | | N.A. | | |
| | Spline o.a. | Spline o.d. | | NTN TOYO BEARING CO., LTD. | | |
| | Make and r | nfg. ņo. | Outer | NTN TOYO BEARING CO., LTD. | | |
| | <u> </u> | | Outer | Inner: 2, Outer: 2 | | |
| | Number u | sed | | Constant velocity joint | | |
| Universal joints | Type, size, | plunge | Inner Outer | Constant velocity joint | | |
| jonus | <u> </u> | | | C-clip | | |
| | Attach (u- | bolt, clamp, etc.) | | Roller, Anti - friction | | |
| | Bearing | Type (plain, an | ti - friction) | Prepack | | |
| | | Lubrication (fit | | | | |
| Drive take | n through (to | rque tube, arms | or springs) | N.A. | | |
| | | torque tube, arn | | N.A | | |

^{*} Centerline to centerline of universal joints, or to centerline of attachment.

(Front Wheel Drive)

| VMA Specifications | | tions | Vel | hicle Line_ | | | IT <u>EGRA</u> | |
|--|------------------|--|-------------|--------------|------------|--------------|----------------|---------------|
| IVIVIA | hecurca | | | del Year_ | | Issued | August 1990 | _ Revised (·) |
| ETRIC (U. | S. Custom | nary) | _ | | | | | |
| igine Descrip igine Code | tiun | | Ì | | • | | | |
| de Ratio a | nd Tooth (| Combinations | (See | Power Tea | ms ' for a | xle ratio us | age) | |
| | overall top ge | | | | | | | |
| ling gear o.d. | | | | | | | | |
| . (| Pinion | | | | | | | |
| lo. of teeth | | Ring gear | | | | | | |
| ear Axle U | nit | | · | | | | | |
| Description | | | | | | | | |
| | ifferential (typ | oe) | | | | | | _: |
| | | Туре | | | | | | / |
| orive pinion | | Offset | | | | | ` | <u>/</u> |
| No. of differe | ential pinions | 1, , , , , , , , , , , , , , , , , , , | | | | | | |
| | | Adjustment (shin | 1, etc.) | | | | | |
| Pinion / differ | ential | Bearing adjustme | ent | | | _/_ | · | |
| Driving whee | l bearing (typ | e) | | | | | · | |
| | | Capacity [L (pt.)] | | | | | | |
| ubricant | | Type recommend | ded | | | | <u></u> | |
| | noft Page | Wheel Drive | | | | | | |
| ropeller 3 | r Tune (straig | ht tube tube - in - tu | ube, | | | | | - |
| internal - ext | | ht tube, tube - in - to , etc.) | | | | | | / |
| | | eed transmission | | | | <u></u> | | |
| Outer diam. | | peed transmission | | <u> </u> | | | | |
| x length* x wall | Manual 5 - sp | eed transmission | | <u> </u> | | | | |
| thickness | Overdrive | | | <u> </u> | <u></u> | | | |
| | Automatic tr | | | | | | | |
| Inter- | Type (plain, | anti - friction) | | | | | | / |
| mediate bearing | Lubrication (| (fitting, prepack) | | <u> </u> | | - | <i>_</i> | |
| | Type | | | <u> </u> | | | | |
| Slip yoke | Number of t | eeth | | <u> </u> | | | ·/ | |
| | Spline o.d. | | | | | | / | |
| | Make and m | fa. no. | Front | | <u> </u> | | / | |
| | AIGUE GUA III | | Rear | | | / | | |
| | Number use | d | <u> </u> | | | / | | |
| Universal joints | Type (ball a | nd trunnion, cross) | | | | | | |
| Jonnes | Rear attach | (u - bolt, clamp, etc | .) | | / | | | |
| | Bearing | Type (plain, anti - f | riction) | | | | | <u> </u> |
| | pearing | Lubrication (fitting | g, prepack) | | | | | |
| Drive taker | through (tor | que tube, arms or sp | orings) | | | | | |
| | | orque tube, arms or | | | _ | | | _ |

(Rear Wheel Drive)

^{*} Centerline to centerline of universal joints, or to centerline of rear attachment.

| MVMA | Spec | ifications | | Vehicle Line | INTEG | | | |
|------------------------|----------------------------------|--|------|--|---|---|-------------------------------|--|
| | • | | | Model Year 1991 | Issued <u>Au</u> | <u>gust 1990 </u> | Revised (·) <u>Oct . 1990</u> | |
| | | | | HATCH8A | CK | | SEDAN | |
| METRIC | (U.S. C | Customary) | *1 | DA934.DA935; •DA93 | 9 | DB154, DB155 | | |
| , | (0.0. | ,, | 1 *2 | DA944,DA936,DA937 | | DB164, DB156 | | |
| | | | *3 | DA945,DA946,DA947 | | DB165,DB166 | ,DB167 | |
| _ | | | *4 | DA934,DA944,DA935 •DA939 | DA936,DA937, | | ,DB155,DB156,DB157 | |
| Body Type | And / Or | | *5 | DA945,DA946,DA947 | | DB165, DB166 | ,DB167 | |
| Engine Dist | rlacemen t | ⊨ Car Model Code , | *6 | DA934,DA944 | * · * · * · * · * · * · * · * · · · · · | DB154,DB164 | BALEC BALCC BALCT | |
| * | | | *7 | DA935,DA945,DA936 DA947, •DA939 | - | DB167 | ,DB156,DB166,DB157 | |
| Suspensior | - Gen | eral Including | *8 | DA934,DA944,DA935 DA936,DA946,DA937 | ,DA945, •DA939 ,DA947 | 00134,0010 | ,DB155,DB156,DB157 | |
| lectronic Controls | | *9 | | | DB165,DB166 | JDB167 | | |
| | Standard / optional / not avail. | | | | N. | .A | | |
| | Manual / automatic control | | | | N. | .A | | |
| | Type (air / hydraulic) | | | | | .A | | |
| Car leveling | Primary / assist spring | | | N.A. | | | | |
| Car leveling | Rear on! | y / 4 wheel leveling | N.A. | | | | | |
| | Single / d | dual rate spring | N.A. | | | | | |
| | Single / o | dual ride heights | | | | .A | | |
| | Provision | n for jacking | | | N.A. | | | |
| | | / option / not avail | | N.A. | | | | |
| | | / automatic control | | N.A. | | | | |
| Shock | Number | of damping rates | | N.A. | | | | |
| absorber | | actuation // electric motor / air, etc.) | | N.A. | | | | |
| damping | | Lateral acceleration | | N.A | | | | |
| controls | | Deceleration | - | | N | .A | | |
| | Sensors | Acceleration | | | N N | .A. | | |
| | | Road surface | | N.A | | | | |
| Shock | Туре | | | Telescopic, Nitrogen gas - filled | | | | |
| absorber | Make | | | | SHOWA MI | FG. CO., LTD. | | |
| 44 | | | _ | 510 (1) (0) (0) (0) (0) (0) (0) | | | | |

Suspension - Front

Piston diameter

Rod diameter

(front &

rear)

| Type and d | lescription | Independent, Double wishbone with coil spring | | | |
|-------------|-------------------------------------|---|--|--|--|
| Full jounce | | 66.8 (2.63) | | | |
| Travel F | Full rebound | 44.2 (1.74) | | | |
| | Type (coil, leaf, other) & material | Coil Spring, Steel | | | |
| | Insulators (type & material) | Mounting, Rubber | | | |
| Spring | Size (coil design height & i.d.) | $331 \times 64(13.0 \times 2.5) *1$, $334 \times 64(13.4 \times 2.5) *2$, $338 \times 64(13.3 \times 2.5) *3$ | | | |
| | Spring rate [N/mm (lb./in.)] | 47.6 (272.1) *4 , 49.4 (282.2) *5 | | | |
| | Rate at wheel [N/mm (lb./in.)] | 22.0 (125.4) *4 , 22.8 (129.9) *5 | | | |
| | Type (link, linkless, frameless) | Linkless | | | |
| Stabilizer | Material & bar diameter | Spring steel , 23.0 (0.9) | | | |

Front: 25 (0,98) , Rear: 25 (0,98) Front: 12.5 (0,49) , Rear: 12.5 (0,49)

Suspension - Rear

| Type and d | escription | Independent, Double wishbone with coil spring | | | | |
|------------|--|--|--|--|--|--|
| | Full jounce | 52.0 (2.05) | | | | |
| Travel* | Full rebound | 94.8 (3.73) | | | | |
| | Type (coil, leaf, other) & material | Coil spring, Steel | | | | |
| Spring | Size (length × width, coil design height & i. d.) | 373.5 × 62.4 ~ 74.1 (14.7 × 2.5 ~ 2.9) *6 379 × 62.4 ~ 74.1 (14.9 × 2.5 ~ 2.9) *7 | | | | |
| | Spring rate [N/mm (lb./in.)] | 25.5 (145.3) | | | | |
| | Rate at wheel [N/mm (lb./in.)] | 15.3 (87.2) | | | | |
| | Insulators (type & material) | Mounting, Rubber | | | | |
| | No of leaves | N.A | | | | |
| | If leaf Shackle (comp. or tens.) | N.A | | | | |
| | Type (link, linkless, frameless) | Link | | | | |
| Stabilizer | Material & bar diameter | Spring steel , 14.7 (0.58) *8 15.9 (0.63) *9 | | | | |
| Type and o | description | Independent, Double wishbone with coil spring | | | | |

^{*} Define load condition: Curb weight

| Vehicle Line_ | | - 10 | NTEGRA | |
|---------------|------|---------|-------------|------------------------|
| Model Year_ | 1991 | Issued_ | August 1990 | Revised (·) Oct . 1990 |

METRIC (U.S. Customary)

Body Type And / Or Engine Displacement Car Model Code

| | НАТСНВАСК | SEDAN |
|----|------------------------------------|-------------------------|
| *1 | DA934,DA944,DA935,DA945, •DA939 | DB154,DB164,DB155,DB165 |
| *2 | DA936,DA946,DA937,DA947 | DB156,DB166,DB157,DB167 |

| Brakes - 5 | ervice | | | Split service brake |
|---------------|--|---|--|---|
| Description | | Felicazio di Lacione | + | NISSIN, Disk |
| Manufactur | | | | NISSIN, Disk |
| type (std., o | | Rear (disc or drum) | | Proportion |
| | | n, delay, metering, other | } | N.A. |
| Power brake | | | | |
| Booster type | | ntegral, vac., hyd., etc.) | | Integral, Vac. |
| | | nline, pump, etc.) | | Inline |
| Vacuum | | (volume in.3) | | N.A |
| | Pump - typ | e (elec, gear driven, belt e | driven) | N.A |
| Traction | | al speed range | | N.A |
| control | | ne intervention (electroni | c,mech.) | N.A. |
| | Frunt/rea | r (std., opt., n.a.) | | N.A. *1 , Std./Std.`*2 |
| | Manufact | | | N.A. *1 , NISSIN *2 |
| | Type (electronic, mech.) | | | N.A. *1 , Electronic *2 |
| Anti - lock | | ensors or circuits | | N.A. *1 , 4 *2 |
| | Number a | nti - lock hydraulic circuits | | N.A. *1 , 3 *2 |
| device | integral o | r add - on system | | N.A. *1 , Integral *2 |
| | | rol (yes, no) | | N.A. *1 , |
| | | power source | | N.A. *1 , Electronic *2 |
| | | , mfr.,pwr. strg.) | 1 | · · · · · · · · · · · · · · · · · · · |
| Effective ar | | | | 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)l | ***(F/R) | | 1320.0 (204.6) / 804.0 (124.6) |
| 3374 | | terworking diameter F/R | | 262 (10.3) / 239 (9.4) |
| | | | | 160 (6.3) / 174 (6.9) |
| Rotor | | ner working diameter nickness | | 21 (0.83) / 10 (0.39) |
| | | ss F/R I & type (vented/solid) F/R | | Cast iron, Vented / Cast iron, Solid |
| | Diameter | | F/R | N.A. |
| Drum | Type and | | F/R | · N.A. |
| Wheel cylin | 1 -2.1. | material | | Front: 57.2 (2.25), Rear: 30.23 (1.19) |
| Master cylin | | Bore / stroke | ### | 23.81 (0.94) / 30(0.59) *1 , 25.4 (1.00) / 30 (0.59) *2 |
| Pedal arc ra | | Bole/stroke | 1 7711 | 4.0 |
| | | 100 lb.) pedal load [kPa (p | vei \1 | 10780 (1564) *1 11270 (1635) *2 |
| | | 100 to.) pedar toad [kra (p | F/R | 0/0 |
| Lining clear | ance | lo la | | Bonded |
| | 1 | Bonded or riveted (rivets | r seg. | N.A. |
| | l | Rivet size | | AKEBONO |
| | Front | Manufacturer Lining code ***** | | AK NS125EE |
| | Wheel | Material | | Resin mold . |
| | AALIEEL | | hoard | 127 × 50 × 11.5 (5.0 × 1.97 × 0.45) |
| | **** Primary or out- Size Secondary or in | | | 127 × 50 × 11.5 (5.0 × 1.97 × 0.45) |
| Brake | | Shoe thickness (no lining | | 6 (0.24) |
| lining | | Bonded or riveted (rivets | (seg.) | Bonded |
| | | Manufacturer | | AKEBONO |
| Ì | _ | Lining code ***** | | AK JBD70FE |
| | Rear | Material | | Resin mold |
| l | Wheel | **** Primary or out | - board | $71 \times 31 \times 7 (2.80 \times 1.22 \times 0.28)$ |
| | | Size Secondary or in | | 71 × 31 × 7 (2.80 × 1.22 × 0.28) |
| ĺ | 1 | Shoe thickness (no lining | | 6 (0.24) |

^{*} 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.

| Vehicle Line | | | NTEGRA | | | |
|--------------|------|--------------|--------|------|-------------------|------|
| Model Year_ | 1991 | _ lssued_ | August | 1990 | Revised (·) Oct . | 1990 |

METRIC (U.S. Customary)

| | / HATCHBAC | K | , | SED | AN |
|---|-----------------------------------|----------------------------------|----------------|----------------|----------------------------------|
| Body Type And / Or Engine Displacement Car Model Code | DA934 DA935 *DA939 DA944 DA945 | DA936 DA946 DA937 DA947 | DB154 DB164 | D8155 DB165 | DB156 DB166 DB157 DB167 |

| | Size (load range, p | oly) | 195/60R14 85H | 195/60R14 85V | 195/60R | 14_85H | | | |
|--------|-----------------------------------|-----------------------|------------------------|-----------------------|--------------------------------|-----------------------|--|--|--|
| | Type (bias, radial, | steel, nylon, etc.) | | Rad | ial | | | | |
| Tires | Inflation pressure (cold) for | | | 195 (28) | | | | | |
| | recommended max, vehicle load | Rear [[kPa (psi)] | 195 (28) | | | | | | |
| | Rev. / mile - at 70 km/h (45 mph) | | 890 | 899 | 890 | 899 | | | |
| | Type & material | | Disk, steel | *1 | Disk, steel | *1 | | | |
| | Rim (size & flange type) | | 5 1 JJ × 14 | | | | | | |
| | Wheel offset | | 45 (1.8) | | | | | | |
| Wheels | | Type (bolt or stud) | Stud | | | | | | |
| | Attachment | Circle diameter | | 100 (| 3.9) | | | | |
| | | Number & size | | 4, M12 x 1.5 | P (0.47 × 0.06) | | | | |
| | Tire and wheel | | T105/70D14 4T x 14 | T135/70D15 4T × 15 | T105/70D14 4T × 14 | T135/70D15 4T × 15 | | | |
| Spare | Storage position & | k location (describe) | Luggage co | ompartment | 5P (0.47 × 0.06) T105/70D14 | ınk | | | |

| ires And Wheels (Optional) | *1 Aluminum alloy |
|--|-------------------|
| Tire size (load range, ply) | |
| Type (bias, radial, steel, nylon, etc.) | |
| Wheel (type & material) | |
| Rim (size, flange type and offset) | |
| Tire size (load range, ply) | |
| Type (bias, radial, steel, nylon, etc.) | |
| Wheel (type & material) | |
| Rim (size, flange type and offset) | |
| Tire size (load range, ply) | |
| Type (bias, radial, steel, nylon, etc.) | |
| Wheel (type & material) | |
| Rim (size, flange type and offset) | |
| Tire size (load range, ply) | |
| 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 lever |
|---------------------|--|-------------|
| Location of control | | Floor |
| Operates on | | Rear wheels |
| | Type (internal or external) | N.A |
| from | Drum diameter | N.A. |
| SPENICE | Lining size (length x width x thickness) | N.A. |

| Vehicle Line | | | NTEGRA | | |
|--------------|------|---------|--------|------|-------------|
| - | 1991 | lssued_ | August | 1990 | Revised (-) |

METRIC (U.S. Customary)

Body Type And / Or Engine Displacement

SEDAN HATCHBACK

| _ | | | • | | |
|---|-----|----|----|---|---|
| ┖ | * 4 | ee | rı | n | |
| J | ., | | | | 3 |

| teering Manual (std., | opt., n.a.) | | | N:A | | | |
|---------------------------------|-------------------|---|-----------------|---------------------|---------------|--|--|
| | d., opt., n.a.) | | | Std. | | | |
| Adjustable steering Type | | | Tilt | | | | |
| Adjustable ste wheel / colum | eering In | Manufactu | rer | Hor | nda | | |
| tilt, telescop | | (std., opt., | n.a.) | St | d | | |
| Wheel diame | *** | Manual | | N. | Α | | |
| (W9) SAE J110 | | Power | | 363 (| 14.3) | | |
| | | Wall to wa | II (I. & r.) | 10.92 (35.83) | 11.08 (36.35) | | |
| ruming j | Outside front | Curb to cur | b (l. & r.) | 10.14 (33.27) | 10.30 (33.79) | | |
| diameter m (ft.) | | Wall to wa | ll (l. & r.) | 5.55 (18.21) | 5.67 (18.60) | | |
| m (i.c.) | Inside rear | Curb to cu | rb (l. & r.) | 5.78 (18.96) | 5.92 (19.42) | | |
| Scrub Radius | <u> </u> | <u></u> - | | 9.9 (| 0.39) | | |
| | | Туре | | N | .A | | |
| | | Manufactu | ırer _ | N | .A | | |
| Manual | Gear | Ratios | Gear | N.A. | | | |
| | | | Overall | · N.A. | | | |
| | No. wheel turn | ns (stop to st | op) | N.A. | | | |
| | Type (coaxial, | Type (coaxial, ele., hyd., etc.) | | Coaxial | | | |
| ļ | Manufacturer | | | SEIKI GIKEN | | | |
| | | Туре | | Rack & Pinion | | | |
| Power | Gear | Ratios | Gear | « | | | |
| | | Kallos | Overall | 17.6 | | | |
| | Pump (drive) | ump (drive) | | V. | Belt | | |
| - | No. wheel turi | ns (stop to st | op) | 3 | .53 | | |
| | Туре | | | | <u></u> | | |
| Linkage | Location (from | Location (front or rear of wheels, other) | | Rear of front wheel | | | |
| | Tie rods (one | or two) | | Two | | | |
| - | Inclination at | | 1.) | 7°20' at 0° | | | |
| | | Upper | | | | | |
| Steering axi | S Bearings | Lower | | Ball joint | | | |
| | (type) | Thrust | | | | | |
| Steering sp | indie / knuckle & | | | . Ball joint | | | |
| 3122.119.30 | <u> </u> | Inner bea | ring | 38 | (1.50) | | |
| Wheel | Diameter | Outer bea | | 42 | (1.65) | | |
| spindle / hu | Thread (size) | | - | | 2 × 1.5 | | |
| (| Bearing (type | | | . Ball bearing | | | |

^{*} The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground.

^{**} See Page 22.

| Vehicle Line | | | NTEGRA | | | |
|--------------|------|---------|--------|------|-------------------|------|
| Model Year_ | 1991 | lssued_ | August | 1990 | Revised (-) Oct . | 1990 |

METRIC (U.S. Customary)

Body Type And / Or Engine Displacement HATCHBACK SEDAN

Wheel Alignment

| |] | Caster (deg.) | 1°30′ ± 1° |
|-------------------------------|-----------------------------|-------------------------------------|--|
| | Service | Camber (deg.) | 0° ± 1° |
| | checking | Toe - in [outside track - mm (in.)] | 0 ± 2 (0 ± 0.8) |
| Front wheel | | Caster | Pre - set |
| at curb mass | Service reset* | Camber | Pre - set |
| (wt.) | | Toe - in | Adjustable |
| | Periodic M.V. inspection | Caster | <u> </u> |
| | | Camber | |
| | | Toe - in | |
| · · · | Service checking | Camber (deg.) | -0°40′ ± 1° |
| Rear wheel at curb mass (wt.) | | Toe - in [outside track - mm (in.)] | $2 \pm \frac{1}{2} (0.08 \pm \frac{0.04}{0.08})$ |
| | | Camber | Pre - set |
| | Service reset* | Toe-in | Pre - set |
| | Periodic M.V. | Camber | |
| | inspection | Toe - in | |

^{*} Indicates pre - set, adjustable, trend set or other.

Ø Electrical - Instruments and Equipment

| | Type (analog, digital, std., opt.) | | Analog | | | |
|--------------------|--|--|---|------------------------|--|--|
| Speedometer | Trip odometer (| | Std | | | |
| | Standard, optio | nal, not available | N.A | <u>\</u> | | |
| | Type Secondary, opto-electronic | | | | | |
| | Speedometer | Digital | | · | | |
| Head-up display | Status/waming indicators | Turn signals, high beam, low fuel, check gauges | | | | |
| | Brightness control | Day / night mode, adjustable | | • | | |
| EGR maintena | | | Sto | i | | |
| Charge | Туре | | Voltage re | egulator <u> </u> | | |
| indicator | | (light, audible) | Ligi | ht | | |
| Temperature | Туре | | Electric ther | mal gauge | | |
| indicator | Warning device (light, audible) | | N.A | Α | | |
| Oil pressure | Туре | | Electric pressure switch | | | |
| indicator | Warning device (light, audible) | | Lig | Light | | |
| | Туре | | Electric | gauge | | |
| Fuel indicator | Warning device (light, audible) | | Lig | | | |
| - | Type (standard) | | Electric : 3 stage speed in | ncluded "INT" position | | |
| Windshield | Type (optional) | | N.A. | | | |
| wiper | Blade length | | Driver side : 500 (19.69) , | | | |
| • | Swept area [cm² (in.²)] | | 7003 (1085) | 6967 (1080) | | |
| | Type (standard) | | Electric pov | | | |
| Windshield | Type (optional) | | N. | | | |
| washer | Fluid level indicator (light, audible) | | N.A. | | | |
| Rear window v | viper, wiper / wa | sher (std., opt., n.a.) | Štd. | N.A. | | |
| | Type | | Electric Vibrator | | | |
| Horn | Number used | | . 2 | | | |
| Other | 10 0 10/4 | i :- Le Tail Gate Onen Wasing Light 6 | h Beam Indicator Light, Seat Belt Warning Buzzer & Warning Light, Door Open Waring ft Indicator (for 4A), Cruise Control Indicator Light (DA935, DA945, DA936, DA946, DA937, B 167), Anti Lock Brake Warning Light (DA936, DA946, DA937, DA947, DB156, DB166, | | | |

| NVMA Specifications | | Vehicle Line INTEGRA Model Year 1991 Issued August 1990 Revised (·) | | | |
|-------------------------------|-----------------------------------|--|--|--|--|
| AETRIC (U. | S. Customary) | | | | |
| ngine Description- | | B18A1 | | | |
| ngine Code | | 5M 4A | | | |
| loctrical - | Supply System | JiVi | | | |
| iectical - | Manufacturer | YUASA, MATSUSHITA | | | |
| .• | Model, std., (opt.) | 70D23R - MF | | | |
| | Voltage | 12 | | | |
| Battery | Amps at 0°F cold crank | 300 | | | |
| • | Minutes - reserve capacity | 100 | | | |
| | Amps / hrs 20 hr. rate | 65 | | | |
| | Location | RH side in engine compartment | | | |
| | Manufacturer | NIPPON DENSO | | | |
| | Rating (idle/max. rpm) | 12V - 70A | | | |
| | Ratio (alt. crank / rev.) | 2.4 | | | |
| Alternator | Output at idle (rpm, park) | Min. 35 A | | | |
| | Optional (type & rating) | N.A. | | | |
| Regulator | Туре | IC regulator, Voltage control | | | |
| | | | | | |
| Electrical - S | tarting System Manufacturer | NIPPON DENSO | | | |
| Motor | Current drain *F | | | | |
| | Power rating [kw (hp)] | 1.4 (1.9) | | | |
| | Engagement type | Magnetic | | | |
| Motor drive | Pinion engages from (front, rear) | Right side | | | |
| Electrical - 1 | gnition System | • | | | |
| Electrical - 1 | Electronic (std., opt., n.a.) | Std. | | | |
| Туре | Other (specify) | N.A. | | | |
| | | TOYO DENGO | | | |

| , • | Electronic (std., opt., n.a.) Other (specify) | | Std | 4 | |
|--|---|---------------------------------|--------------------|----------|--|
| Туре | | | N.A. | | |
| | Manufactu | | TOYO D | DENSO | |
| | Model | | TC-0 |)7A | |
| Coil Current Engine stopped - A Engine idling - A | 0 | | | | |
| | | | | | |
| Manufacturer | | | NGK , NIPPON DENSO | | |
| Model | Std.(BCPR 5E - 11, Q16PR - U11) , | Opt.(BCPR 6E - 11, Q20PR - U11) | | | |
| | Thread (m | m) | 14 | | |
| Spark plug | | torque [N·m (lb, ft)] | 17.65 (13.02) | | |
| Gap Number per cylinder | | 1.1 ± ° (| 0.043 ± °) | | |
| | er cylinder | 1 | | | |
| | Manufacti | | TOYOL | DENSO | |
| Distributor | Model | | TD - 23U | TD - 24U | |

| Electrical - Suppression | |
|--------------------------|------|
| | N.A. |
| Locations & type | |

| Vehicle Line | | 11 | NTEGRA | | _, |
|--------------|------|--------|-------------|---------------|----|
| Model Year | 1991 | Issued | August 1990 | _ Revised (·) | |

METRIC (U.S. Customary)

| Body Type | НАТСНВАСК | SEDAN |
|----------------------------|---|--------------------------------|
| Body | | |
| Structure | Monocoque co | onstruction |
| Bumper system front - rear | Plastic bumper with energ | y absorbing plastic form |
| Anti - corrosion treatment | P.V.C. coating: Under of the vehi Chipping primer: Hood, roo;, fend Rust proof wax: Doors, hood, tail | er, front pillar and side sill |

Body - Miscellaneous Information

| Type of finish | h (lacquer, enamel, other) | | Acrylic | baking |
|---|--|----------------------|---|---|
| .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |) (ib) | Iron - zinc alloy coat | ed steel, 14.9 (32.8) |
| Hood | Hinge location (front, re | ar) | Re | ar |
| HOOU | Type (counterbalance, p | | Pro | ор |
| | Release control (internal | | Inte | rnal |
| · · · | Material & mass | | N.A. | Iron - zinc alloy coated steel, 8.3 (18.3) |
| Trunk lid | Type (counterbalance, o | ther) | N.A. | Torsion bar spring |
| | Internal release control | | . N.A. | Mech. |
| | Material & mass | | Iron - zinc alloy coated steel, 9.9 (21.8) | N.A. |
| hatchback | Type (counterbalance, o | ther) | dumper | N.A. |
| lid | Internal release control | | Mech. | N.A. |
| | Material & mass | | N | .A |
| Tailgate | type (drop, lift, door) | | N.A. | |
| | internal release control | (elec., mech., n.a.) | N.A. | |
| Vent windo | w control | Front | N | .A |
| (crank, frict | ion, pivot, power) | Rear | . N | l.A. |
| Window red | gulator type | Front | F | lex |
| (cable, tape | gulator type , flex drive, etc.) | Rear | N.A | Flex |
| | | Front | | k Urethane form |
| Seat cushio | n type (e.g., 60/40 bucket, | Rear | | ethane form |
| bench, wire, foam, etc.) | | 3rd seat | N.A. | |
| | | Front | | & Urethane form |
| | ype (e.g., 60/40 bucket, e, foam, etc.) | Rear | | ethane form |
| Dentil, Will | -, 100111, -1017 | 3rd seat | | v.A |

| Vehicle Line | | <u></u> | NTEGRA_ | | | |
|--------------|------|---------|---------|------|---------------|--|
| Model Year | 1991 | lssued_ | August | 1990 | _ Revised (·) | |

METRIC (U.S. Customary)

| Rody | Type | |
|------|------|--|

HATCHBACK / SEDAN

| estraint Seating Po | | | | Left | Center | Right |
|--------------------------|---|-------------------------|----------------|---|-----------------|--|
| | | | First seat | N.A. | N.A. | N.A. |
| Active | Type & description (lap & shoulder be belt, etc.) | sp & shoulder belt, lap | | Lap & Shoulder belt | Lap belt | Lap & Shoulder beit |
| | Standard / eption | al- | Third seat | N.A. | N.A. | N.A. |
| • | Type a describuon | | First seat | Motorized - 2 - point beit & Manual - lap belt, Knee bolster | N.A. | Motorized - 2 - point belt & Manual - lap belt, Knee boister |
| Passive | (air bag, motorized - 2 - point belt, fixed belt, | ed - 2 - pelt, | Second seat | N.A. | N.A. | N.A. |
| | knee bolster, manual - lap belt) Standard / optional - | | Third seat | N.A. | N.A. | N.A. |
| Glass | <u>.</u> | SAE Ref. No. | | | · | |
| | ld glass exposed ea [cm² (in.²)] | \$1 | | HATCHBACK: 9700 (1504) , SE | DAN : 9630 (1 | 493) |
| Side glass are (cm²(i | exposed surface n.2)] - total 2 - sides | \$2 | | HATCHBACK: 9400 (1457) , SE | DAN: 10680 | (1655) |
| Backlight surface ar | glass exposed rea [cm² (in.²)] | \$3 | | НАТСНВАСК : 9980 (1547) , SI | EDAN : 8510 (1 | 319) |
| Total glas | s exposed surface (in.²)] | \$4 | | НАТСНВАСК : 29080 (4507) , SE | DAN: 28820 | (4467) |
| Windshie | id glass (type) | | | Laminate | ed safety glass | |
| Side glass | s (type) | | | Tempered | reinforced gla | oss |
| - | t glass (type) | 1 | | Tempered | reinforced gla | 955 |

Headlamps

. بالات

| i leadigith)3 | |
|---|---|
| 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 |

Frame

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

| Vehicle Line | | - 19 | NTEGRA | | | |
|--------------|------|--------|--------|------|-------------------|------|
| Model Year_ | 1991 | Issued | August | 1990 | Revised (·) Oct . | 1990 |

METRIC (U.S. Customary)

| _ | | _ | |
|----|----|------|--|
| Во | d٧ | Type | |

HATCHBACK SEDAN

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

| Air conditioning (manual, auto, temp control) | | Option (Manual) | |
|---|---|--|--|
| Clock (digital, | analog) | Standard (Digital) | |
| Compass / ther | mometer | N.A | |
| Console (floor | , overhead) | Standard (Floor) | |
| Defroster, elec | . backlight | Standard | |
| | Diagnostic monitor (integrated, individual) | N.A. | |
| | Instrument cluster (list instruments) | N.A | |
| Electronic | Keyless entry | N.A. | |
| Liecaville | Tripminder (avg. spd., fuel) | N.A. | |
| | Voice alert (list items) | N.A. | |
| | Other | N.A. | |
| Fuel door lock | (remote, key, electric) | Standard (Remote) | |
| | 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. | |
| Lamps | Fog | Standard | |
| • | Glove compartment | N.A. | |
| | Trunk | Standard | |
| | Illuminated entry system (list lamps, activation) | N.A. | |
| | Other | N.A. | |
| | Day / night (auto, man.) | Standard (Man.) | |
| Mirrors | L.H. (remote, power, heated) | Standard (Remote : *1, Power : *2) | |
| 141111012 | R.H. (convex, remote, power, heated) | Standard (Convex, Remote : *1, Convex, Power : *2) | |
| | Visor vanity (RH / LH, illuminated) | Standard (RH) | |
| Navigation sy | rstem (describe) | N.A. | |
| | e - auto release (warning light) | N.A. | |

^{* 1 :} DA934, DA944

^{* 2 :} DA935, DA945, DA936, DA946, DA937, DA947, *DA939, DB155, DB165, DB166, DB166, DB157, DB167

^{* 3 :} DA935, DA945, DA936, DA946, DA937, DA947, *DA939

| Vehicle Line | | 18 | | | |
|--------------|------|---------|-------------|-------------------|--------------|
| Model Year_ | 1991 | Issued_ | August 1990 | Revised (·) Oct . | <u> 1990</u> |

METRIC (U.S. Customary)

| Engine Description— Engine Code— | Body Type | НАТСНВАСК | SEDAN |
|-------------------------------------|---------------------------------|-----------|-------|
| Convenience Fau | inment (standard ontional n.a.) | | |

| | Deck lid (release, pull down) | | N.A. | | |
|------------------------|---|---|--|--|--|
| | Door locks (manual, automatic, describe system) | | Standard (Semi - Automatic , Motorized) *1 | | |
| | | 2 - 4 - 6 way, etc. | N.A. | | |
| | | Reclining (R.H.; L.H.) | N.A. | | |
| Power | Seats | Memory (R.H., L.H., present, recline) | N.A. | | |
| equipment | | Lumbar, hip, thigh, support | N.A. | | |
| | | Heated (R.H., L.H., other) | N.A. | | |
| | Side wind | lows | Standard *2 N.A. | | |
| | Vent wind | dows | | | |
| | Rear wind | iows | N.A. | | |
| , , | Antenna (location, whip, w / shield, power) | (focation, whip, w/shield, power) | Standard (Rear L.H. side, Whip type, Manual) *3 Standard (Rear L.H. side, Whip type, Power) *4 | | |
| Sta | Standard | | AM, FM, Stereo Tape *4 | | |
| Radio systems | adio radio prep package, headphor | graphic equalizer, theft deterrent, radio prep package, headphone | AM, FM, Stereo Tape *3 | | |
| | Speaker (number, location) | | Standard (4, Front door & rear side) *4 Optional (4, Front door & rear side) *3 | | |
| Roof : oper | n air of fixed | (flip - up, sliding, "T") | Standard (Sliding) *5 | | |
| Speed cont | | | Standard *4 | | |
| Speed warr | ning device | (light, buzzer, etc) | N.A. | | |
| Tachomete | r (rpm) | | Standard | | |
| Telephone | system (des | cribe) | N.A. | | |
| Theft deterrent system | | , | Standard (Steering lock) | | |

*1 : DA936, DA946, DA937, DA947, DB155, DB165, DB156, DB166, DB157, DB167

*2 : DA935, DA945, DA937, DA947, DA936, DA946, *DA939, DB156, DB166, DB157, DB167

*3 : DA934, DA944, DB154, DB164

*4 : DA935, DA945, DA936, DA946, DA937, DA947, *DA939, DB155, DB165, DB156, DB157, DB167

*5 : DA935, DA945, DA936, DA946, DA937, DA947, *DA939, DB156, DB166, DB157, DB167

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

^{*}Class I - 2,000 lbs. Class II - 3,500 lbs. Class III - 5,000 lbs.

| Vehicle Line | | | NTEGRA | | <u></u> |
|--------------|------|---------|--------|------|---------------------------------|
| Model Year | 1991 | lssued_ | August | 1990 | _ Revised (·) <u>Oct . 1990</u> |

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.

| dody Type | SAE Ref. | НАТСНВАСК | SEDAN |
|----------------------------------|-------------|---------------------------------|--------------|
| Width | No. | | |
| Tread (front) | W101 | 1475 (5 | 58.1) |
| Tread (rear) | W102 | 1475 (58.1) | |
| Vehicle width | W103 | 1714 (67.5) | |
| Body width at SgRP (front) | W117 | 1674 (65.9) | 1677 (66.0) |
| Vehicle width (front doors open) | W120 | 3738 (147.2) | 3415 (134.4) |
| Vehicle width (rear doors open) | W121 | N.A. | 3334 (131.3) |
| Tumble - home (deg.) | W122 | 23°46′ | 28°3′ |
| Outside mirror width | W410 | 1880 (74.0) *1 , 1900 (74.8) *2 | |

^{*1:} DA934, DA944

*2 : DA935, DA945, DA936, DA937, DA947, DA946, *DA939, DB154, DB164, DB155, DB165, DB156, DB166, DB157, DB167

| Lengtn . | | <u></u> | • |
|-------------------------------|------|--------------|--------------|
| Wheelbase | L101 | 2550 (100.4) | 2600 (102.4) |
| Vehicle length | L103 | 4392 (172.9) | 4484 (176.5) |
| Overhang (front) | L104 | 882 (34.7) | |
| Overhang (rear) | L105 | 960 (37.8) | 1002 (39.4) |
| Upper structure length | L123 | 2848 (112.1) | 2703 (106.4) |
| Rear wheel C/L "X" coordinate | L127 | 2550 (100.4) | 2600 (102.4) |

Height*

| PD1,2,3 | 2/3 | | |
|---------|--|---|--|
| | 45 (100) | | |
| H101 | 1270 (50.0) | 1285 (50.6) | |
| H114 | 832 (32.8) | | |
| H138 | 900 (35.4) | 910 (35.8) | |
| H112 | 151 (5.9) | | |
| H111 | 125 (4.9) | | |
| H122 | 61°48′ | 61°33′ | |
| H121 | 70°46′ | 62°12′ | |
| | H101 H114 H138 H112 H111 H122 | H101 1270 (50.0) H114 832 (H138 900 (35.4) H112 151 H111 125 H122 61°48′ | |

Ground Clearance*

| Front bumper to ground | H102 | 172 (6.8) | | |
|---|--------|----------------------|------------|--|
| Rear bumper to ground | H104 | 249 (9.8) 256 (10.1) | | |
| Bumper to ground [front at curb mass (wt.)] | Н103 | 198 (7.8) | | |
| Bumper to ground [rear at curb mass (wt.)] | H105 | 324 (12.8) | 331 (13.0) | |
| 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 (5.6) | | |
| Min. running ground clearance | H156 | 120 (4.7) | | |
| 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.

| Vehicle Line | | | NTEGRA | | | |
|--------------|------|---------|--------|------|-------------|--|
| Model Year_ | 1991 | Issued_ | August | 1990 | Revised (·) | |

13 (0.5)

METRIC (U.S. Customary) Vehicle Dimensions

See Key Sheets for definitions

| ody Type | | НАТСНВАСК | SEDAN |
|---|-------------|-------------|-------------|
| | SAE L | | |
| ront Compartment | Ref. No. | | |
| SgRP front, "X" coordinate | 131 | 1400 (55.1) | 1395 (54.9) |
| Effective head room | H61 | 978 (38.5) | 983 (38.7) |
| Max. eff. leg room (accelerator) | L34 | 1062 (41.8) | 1057 (41.6) |
| SgRP to heel point | Н30 | 205 (8.1) | 216 (8.5) |
| SgRP to heel point | L53 | 834 (32.8) | 827 (32.6) |
| Back angle | L40 | 25 | • |
| Hip angle | L42 | 92*02' | 92°10′ |
| | | 124°14′ | 122*48' |
| Knee angle | 146 | 104*22' | 102*47′ |
| Foot angle Design H - point front travel | L17 | 179 (| 7.0) |
| Normal driving & riding seat track trvl. | L23 | 179 (| 7.0) |
| Shoulder room | W3 | 1339 (52.7) | 1344 (52.9) |
| | W5 | 1288 (50.7) | 1285 (50.6) |
| Hip room Upper body opening to ground | H50 | 1286 (50.6) | 1307 (51.5) |
| Steering wheel maximum diameter * | W9 | 363 (| 14.3) |
| | H18 | 23*11′ | 23°45′ |
| Steering wheel angle | L11 | 408 (16.1) | 403 (15.9) |
| Accel, heel pt. to steer, whi, cntr | H17 | 585 (23.0) | 591 (23.3) |
| Accel. heel pt. to steer. whl. cntr | H67 | 15 (| 0.6) |
| Underpressed floor covering thickness | 100/ | | <u></u> |
| Rear Compartment | 1.50 | 685 (27.0) | 745 (29.3) |
| SgRP point couple distance | L50 | 882 (34.7) | 935 (36.8) |
| Effective head room | H63 | 726 (28.6) | 805 (31.7) |
| Min. effective leg room | L51 | 266 (10.5) | 286 (11.3) |
| SgRP (second to heel) | H31 | | -65 (-2.6) |
| Knee clearance | L48 | -106 (-4.2) | 1331 (52.4) |
| Shoulder room | W4 | 1321 (52.0) | <u> </u> |
| Hip room | W6 | 1195 (47.0) | 1299 (51.1) |
| Upper body opening to ground | H51 | 1302 (51.3) | 1320 (52.0) |
| Back angle | L41 | | 8* |
| Hip angle | L43 | 78°06′ | 83°32′ |
| Knee angle | L45 | 62*11′ | 74*11′ |
| Foot angle | L47 | 109°14′ | 115°48′ |

Depressed floor covering thickness

| the black and consider [1 (cu ft)] | l V1 | N.A. | 317 (11.215) |
|---------------------------------------|------|------|--------------|
| Usable luggage capacity [L (cu. ft.)] | | | 751 (20.5) |
| Liftover height | H195 | N.A. | 751 (29.6) |

H73

Interior Volumes (EPA Classification)

| lifferior fordities (Fig. Classification) | | | |
|---|---|--------|--|
| Vehicle class | . Sub compact | | |
| Interior volume index (cu. ft.)** | [94.8 (Hatchback) + 95.9 (Sedan)] + 2 = 95.35 | | |
| Trunk / cargo index (cu. ft.) | 15.855 | 11.215 | |
| | | | |

* See page 14.

^{**} Includes passenger and trunk / cargo index - see definition page 32.

Vehicle Line INTEGRA

Model Year 1991 Issued August 1990 Revised (-)

METRIC (U.S. Customary)

| Vehicle | Dimen | sions |
|---------|-------|-------|
|---------|-------|-------|

See Key Sheets for definitions

| Body Type | | НАТСНВАСК | SEDAN |
|----------------------------|--------------------|---|--|
| Station Wagon - Third Seat | SAE Ref. No. | | |
| Seat facing direction | SD1 | | |
| SgRP couple distance | L85 | <u>, </u> | |
| Shoulder room | W85 | | · |
| Hip room | W86 | | |
| Effective leg room | L86 | | |
| Effective head room | Н86 | | |
| SgRP to heel point | H87 | | · · · · · · · · · · · · · · · · · · · |
| Knee clearance | L87 | | |
| Back angle | L88 | | |
| Hip angle | L89 | | |
| Knee angle | L90 | | |
| Foot angle | L91 | <u>/</u> | |

Station Wagon - Cargo Space

| Cargo length (open front) | L200 | |
|---------------------------------------|------|----------|
| Cargo length (open second) | L201 | <u> </u> |
| 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 bell | 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 [m³ (ft.3)] | V2 | |
| Hidden cargo volume index [m³ (ft.³)] | V4 | |
| Cargo volume index - rear of 2 - seat | V10 | / |

Hatchback - Cargo Space

| | 1465 (57.7) | N.A. |
|-------------|--|--|
| L208 | | N.A. |
| L209 | 1639 (64.5) | |
| L210 | 523 (20.6) | N.A. |
| | 981 (38.6) | · N.A. |
| | 378 (14 9) | N.A. |
| | | N.A. |
| | | N.A. |
| V3 | | N.A. |
| V4 | | |
| V11 | 0.45 (15.855) | N.A. |
| | L210 L211 H197 H198 V3 V4 | 1209 1639 (64.5) 1210 523 (20.6) 1211 981 (38.6) H197 378 (14.9) H198 452 (17.8) V3 0.77 (27.37) V4 N.A. |

| Vehicle Line | | <u></u> | NTEGRA | | |
|--------------|------|---------|--------|------|-------------|
| _ | 1991 | Issued_ | August | 1990 | Revised (·) |

METRIC (U.S. Customary)

| Body Type | НАТСНВАСК | SEDAN |
|-----------|-----------|-------|
| | | |

Vehicle Fiducial Marks

| Number* | | Define Coordinate Location |
|------------------|-------|--|
| Front | | |
| | | Zero "Y" plane Zero "X" plane Zero "X" plane |
| Rear Fiducial | | - 12 |
| Mark | | H 161 |
| Number | | |
| | W21* | |
| | L54* | |
| Front | H81* | : 205 (8.1) |
| , , | H161* | 205 (8.1) |
| | H163* | · |

| | W22* | |
|------|--------|-----------|
| 1 | L55* | |
| Rear | H82* · | |
| | H162* | 220 (8.7) |
| 1 | H164* | |

^{*} Reference - SAE Recommended Practice, J182, Motor Vehicle Fiducial marks.

| Vehicle Line | | 11 | NTEGRA_ | | · | |
|--------------|------|---------|---------|------|----------------------------|--------------|
| Model Year _ | 1991 | Issued_ | August | 1990 | _ Revised (·) <u>Oct .</u> | <u> 1990</u> |

METRIC (U.S. Customary)

| | | | Vehic | le Mass | (weight) | | | % PAS | S MASS | DISTRIB | UTION |
|----------------|---|-----------------|---------------|----------------|----------------|--------------------|----------------|--------------|--------|--|--------------|
| | | | | SHIPPING Code | | Pass in | Front | Pass in Rear | | | |
| Code | Model | Front | Rear | Total | kg(lb)*** | Without Air Con | | Front' | Rear | Front | Rear |
| DA934 | INTEGRA 3 DOOR RS | 708 (1561) | 453 (999) | 1161 (2560) | 1130 (2492) | Ρ | Ρ | 45 | 55 | 18 | 82 |
| DA944 | INTEGRA 3 DOOR RS | 736 (1623) | 450 (992) | 1186 (2615) | 1155 (2547) | P | Q | 45 | 55 | 18 | 82 |
| DA935 DA939 | INTEGRA 3 DOOR LS INTEGRA 3 DOOR LS SPECIAL | 725 (1598) | 463 (1021) | 1188 (2619) | 1157 (2551) | Р | Q | 45 | 55 | 18 | 82 |
| DA945 | INTEGRA 3 DOOR LS | 752 (1658) | 461 (1016) | 1213 (2674) | 1182 (2606) | Q | Q | 45 | 55 | 18 | 82 |
| DA936 DA937 | INTEGRA 3 DOOR GS | 734 (1618) | 470 (1036) | 1204 (2654) | 1173 (2586) | Q | Q | 45 | 55 | 18 | 82 |
| DA946 DA947 | INTEGRA 3 DOOR GS | 762 (1680) | 467 (1029) | 1229 (2709) | 1198 (2641) | Q | Q | 45 | 55 | 18 | 82 |
| DB154 | INTEGRA 4 DOOR RS | 721 (1590) | 461 (1016) | 1182 (2606) | 1151 (2538) | Р | Q | 46 | 54 | 18 | 82 |
| DB164 | INTEGRA 4 DOOR RS | 748 (1649) | 459 (1012) | 1207 (2661) | 1176 (2593) | Q | Q | 46 | 54 | 18 | 82 |
| DB155 | INTEGRA 4 DOOR LS | 731 (1612) | 467 (1029) | 1198 (2641) | 1167 (2573) | Q | Q | 46 | 54 | 18 | 82 |
| DB165 | INTEGRA 4 DOOR LS | . 758 (1671) | 465 (1025) | 1223 (2696) | 1192 (2628) | Q | Q | 46 | 54 | 18 | 82 |
| DB156 | INTEGRA 4 DOOR GS | 751 (1656) | 480 (1058) | 1231 (2714) | 1200 (2646) | Q | Q | 46 | 54 | 18 | 82 |
| DB166 DB167 | INTEGRA 4 DOOR GS | 779 (1717) | 477 (1052) | 1256 (2769) | 1225 (2701) | R | R | 46 | 54 | 18 | 82 |
| | | | | | | ļ | - | | | 1 | - |
| <u> </u> | , | | <u> </u> | | - | - , | | | - | | - |
| ļ <u> </u> | | | | | | + | - | | - | | |

^{*} 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 | FEGEND | |
|------|--------|--|
| 00 | Α . | |

| Α | = 1000 | 1 | = 2000 | Q | = 3000 | Y | = 4000 | | |
|---|--------|---|--------|---|---------------|----|--------|-----|---|
| В | = 1125 | ţ | = 2125 | R | = 3125 | Z | = 4250 | | ***Shipping Mass (weight) = Curb Weight Less: |
| C | = 1250 | Κ | = 2250 | S | = 3250 | AA | = 4500 | ~~- | |
| D | = 1375 | L | = 2375 | Ť | = 3375 | 88 | = 4750 | | 31(68) |
| Ε | = 1500 | М | = 2500 | U | = 3500 | cc | = 5000 | | |
| F | = 1625 | N | = 2625 | V | = 3625 | DD | = 5250 | | |
| G | = 1750 | 0 | = 2750 | W | = 3750 | EE | = 5500 | | |
| Н | = 1875 | Р | = 2875 | X | = 3875 | FF | = 5750 | | |

| Vehicle Line | | | NTEGRA | | |
|--------------|------|--------|--------|------|-------------|
| Model Year | 1991 | Issued | August | 1990 | Revised (·) |

METRIC (U.S. Customary)

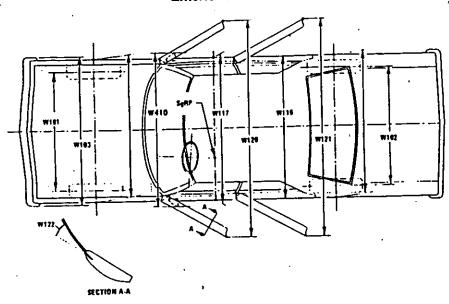
| | | Ор | tional Equipr | Mass (weight)* | |
|----------------|------------------|----------------|---|----------------|----------------------------|
| | | | MASS, kg. (lb | Remarks | |
| Code | Equipment | Front | Rear | Total | Restrictions, Requirements |
| All code | Air conditioner | 24 (52.9) | -2 (-4.4) | 22 (48.5) | |
| DA934 DA944 | Radio system kit | 2 (4.4) | 1 (2.2) | 3 (6.6) | |
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^{*} Also see Engine - General Section for dressed engine mass (weight).

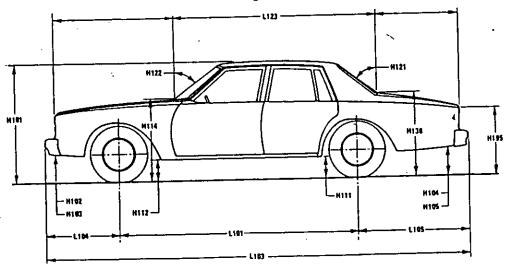
METRIC (U.S. Customary)

Exterior Vehicle And Body Dimensions — Key Sheet

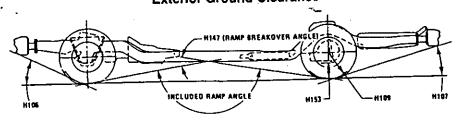
Exterior Width



Exterior Length & Height



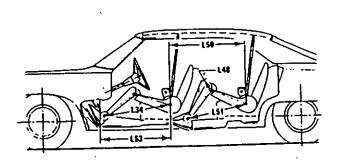
Exterior Ground Clearance

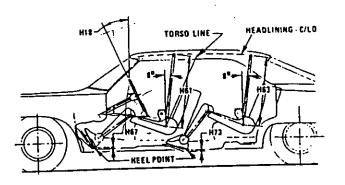


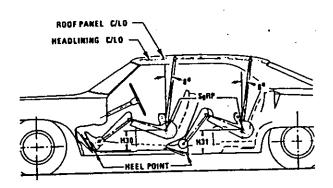
MVMA Specifications Form

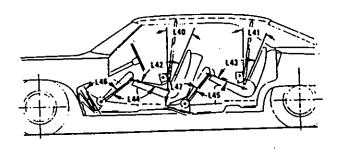
METRIC (U.S. Customary)

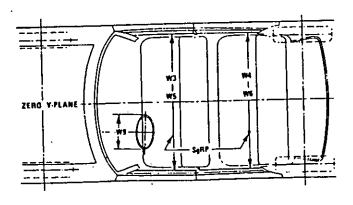
Interior Vehicle And Body Dimensions - Key Sheet

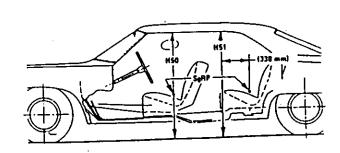










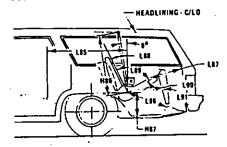


MVMA Specifications Form

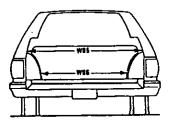
METRIC (U.S. Customary)

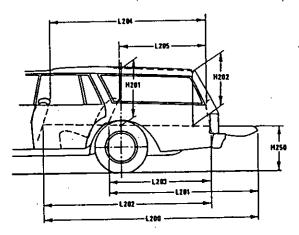
Interior Vehicle And Body Dimensions — Key Sheet

Third Seat

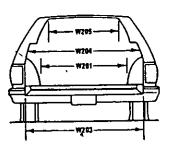


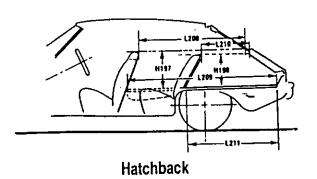
Cargo Space





Station Wagon





METRIC (U.S. Customary)

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

TREAD-FRONT. The dimension measured between the W101

tire centerlines at the ground.

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.

VEHICLE WIDTH. The maximum dimension measured W103 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. 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

VEHICLE WIDTH - FRONT DOORS OPEN. The dimension W120 measured between the widest point on the front doors in

maximum hold-open position.
VEHICLE WIDTH - REAR DOORS OPEN. The dimension W121 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.
TUMBLE-HOME. STRAIGHT SIDE GLASS. The angle

W122 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.
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

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.

VEHICLE LENGTH. The maximum dimension measured L103 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.

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, it standard equipment.

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.

UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point. REAR WHEEL CENTERLINE "X" COORDINATE or in the L123

1.127 case of dual rear axles, the coordinate shall be the midpoint of the distance between the rear axle centerlines.

Height Dimensions

VEHICLE HEIGHT. The dimension measured vertically from

the highest point on the vehicle body to ground.

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

H112 measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.
COWL POINT TO GROUND. Measured at zero "Y" plane.

H114

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.
WINDSHIELD SLOPE ANGLE. The angle between the H122 vertical reference line and a chord of the windshield are 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.

DECK POINT TO GROUND. Measured at zero "Y" plane.
STATIC LOAD - TIRE RADIUS - REAR. Specified by the H138 H109

manufacturer in accordance with composite TIRE SECTION STANDARD.

Ground Clearance Dimensions

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.

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

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

REAR BUMPER TO GROUND CURB MASS (WT.). H₁₀₅

Measured in the same manner as H104.
ANGLE OF APPROACH. The angle measured between a H106 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.

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

to ground. The limiting component shall be designated. RAMP BREAKOVER ANGLE. The angle measured be-H147 tween 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.

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

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

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions — Key Sheet Dimensions Definitions

| - | | ME | HIP ROOM - FRONT. The minimum dimension measured |
|-------------|---|------|---|
| Glass | Areas | W5 | laterally between the trimmed surfaces on the "X" plane |
| S1 | Windshield area. | | through the SaRP – front within 25 mm (1.0 in.) below and |
| \$2 | Side windows area. Includes the front door, rear door, vents, | ÷ | 76 mm (3.0 ln.) above the SgRP - front and 76 mm (3.0 ln.) |
| | and rear quarter windows on both sides of the vehicle. | | fore and aft of the SgRP - front. |
| S3 | Backlight areas. Total area. Total of all areas (S1 + S2 + S3). | W9 | STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. |
| S4 | Total area. Total of all areas (ST + SE + SO). | LIT | Define if other than round. ACCELERATOR HEEL POINT TO THE STEERING WHEEL |
| Flduck | al Mark Dimensions | Н7 | CENTER The dimension measured vertically from the |
| | Fiducial Mark - Number 1 | | AHP—front to the intersection of the steering column |
| L54 | "X" coordinate. | | centerline to a plane tangent to the upper surface of the |
| W21 | "Y" coordinate. | | steering wheel rim. |
| H81 | "Z" coordinate. | H18 | STEERING WHEEL ANGLE. The angle measured from a |
| H161 | Height "Z" coordinate to ground at curb weight. | 1100 | vertical to the surface plane of the steering wheel. SgRP-FRONT TO HEEL. The dimension measured |
| H163 | Height "Z" coordinate to ground. | H30 | vertically from the SgRP – front to the accelerator heel point. |
| 1 5 5 | Fiducial Mark - Number 2 "X" coordinate. | H50 | IIPPER RODY OPENING TO GROUND-FROMI. INC. |
| L55 W22 | "Y" coordinate. | 1100 | dimension measured vertically from the trimmed body |
| 'V82 | "Z" coordinate. | | opening to the ground on the SqRP - front "X" plane. |
| 1162 | Height "Z" coordinate to ground at curb weight. | H61 | EFFECTIVE HEAD ROOM = FRONT, The dimension meas- |
| H164 | Height "Z" coordinate to ground. | | ured along a line 8 deg. rear of vertical from the SgRP - front |
| | OIment Dimonsions | | to the headlining plus 102 mm (4.0in.). FLOOR COVERING THICKNESS — UNDEPRESSED — |
| - | Compartment Dimensions | H67 | FRONT. The dimension measured vertically from the |
| L11 | ACCELERATOR HEEL POINT TO STEERING WHEEL CENTER. The dimension measured horizontally from the | • | surface of the undepressed floor covering to the underbody |
| | AHP to the intersection of the steering column centerline | | sheet metal at the accelerator heel point. |
| | and a plane tangent to the upper surface of the steering | | |
| | wheel rim | Rear | Compartment Dimensions |
| L17 | DESIGN H-POINT - FRONT TRAVEL. The dimension meas- | L-41 | BACK ANGLE-SECOND. The angle measured between |
| | ured horizontally between the design H-point-front in the | | a vertical line through the SgRP - second and the torso line. |
| | foremost and rearmost seat track positions. (See SAE | L43 | HIP ANGLE - SECOND. The angle measured between |
| | NORMAL DRIVING AND RIDING SEAT TRACK TRAVEL. | L45 | torso line and thigh centerline. KNEE ANGLE - SECOND. The angle measured between |
| 1.23 | The dimension measured horizonially between a point on | L43 | thigh centerline and lower lea centerline. |
| | the design H-point travel line from the SQRP to the displaced | L47 | FOOT ANGLE-SECOND. The angle measured between |
| | point on the design H-point travel line with the seat moved | | the lower leg centerline and a line langent to the pail and |
| | to the foremost seat position, but not to include seat track | | heel of the three-dimensional devices pare tool liesh line |
| | travel used for purposes other than normal driving and noting | | (Reference J826) |
| | positions. (See SAE J1100). | L48 | KNEE CLEARANCE – SECOND. The minimum dimension measured from the knee pivot center to the back of the front |
| L31 | SGRP-FRONT. "X" COORDINATED. MAXIMUM EFFECTIVE LEG ROOM-ACCELERATOR. | | seatback minus 51 mm (2.0 in.). |
| L34 | The dimension measured along a line from the ankle pivot | L50 | SORP COUPLE DISTANCE-SECOND. The dimension |
| | center to the ScRP – front plus 254 mm (10.0 in.) measured | LJO | measured horizontally from the driver SgRP-front to the |
| | with right foot on the undepressed accelerator pedal. For | | SaRP - second |
| | vehicles with SoRP to heel (H30) greater than 16 in., the | L51 | MINIMUM EFFECTIVE LEG ROOM-SECOND. The di- |
| | accelerator nedal may be depressed as specified by use | | mension measured along a line from the ankle pivot center |
| | manufacturer. If the accelerator is depressed, the manufac- | 1444 | to the SgRP – second plus 254 mm (10.0 ln.). SHOULDER ROOM – SECOND. The minimum dimension |
| | turer shall place foot flat on pedal and note the depression | W4 | measured laterally between door or quarter trimmed |
| | of the pedal. BACK ANGLE-FRONT. The angle measured between a | | eurlaces on the "X" plane through the SQHP - second at |
| L-40 | vertical line through the SaRP—front and the torso line. If | | holote hotegon 254-406 mm (10.0-16.0 (n.) 800V8 I/18 |
| | the seatback is adjustable, use the normal driving and riding | | SgRP-second, excluding the door assist straps and |
| | position specified by the manufacturer. | | . etteching natis |
| L-42 | HIP ANGLE - FRONT. The angle measured between torso | W6 | HIP ROOM - SECOND. Measured in the same manner as |
| _ | line and thigh centerline. | | W5. |
| L44 | KNEE ANGLE - FRONT. The angle measured between | H31 | SgRP-SECOND TO HEEL. The dimension measured vertically from the SgRP-second to the two dimensional |
| | thigh centerline and lower leg centerline measured on the | | device heel point on the depressed floor covering. |
| 1.40 | right leg. FOOT ANGLE - FRONT. The angle measured between the | H51 | TIPPER ROBY OPENING TO GROUND-SECONUL THE |
| L46 | lower leg centerline and a line tangent to the ball and heel | naı | dimension measured vertically from the trimmed body |
| • | of the bare foot flesh line measured on the right leg. Ref | | opening to the ground on the "X" plane 330 mm (13.0 iii.) |
| | SAF .1826 | | toward of the SoRP - second. |
| L53 | Sarp FRONT TO HEEL. The dimension measured | H63 | FEFFCTIVE HEAD ROOM-SECOND. The dimension |
| | horizontally from the SgRP-front to the accelerator need | | measured along a line 8 deg. rear of vertical from the SgRP |
| | noint | | to the headlining, plus 102 mm (4.0 ln.). |
| W3 | SHOULDER ROOM-FRONT, The minimum dimension | H73 | FLOOR COVERING - DEPRESSED - SECOND. The di- mension measured vertically from the heel point to the |
| • | measured laterally between the trimmed surfaces on the "X" plane through the SgRP-front at height between the | | underbody sheet metal. |
| | Spane intrough the SgRP—front, | | andalada) allad mami |
| | excluding the door assist strap and attaching parts. | | |
| | | | |

METRIC (U.S. Customary)

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 estiamtes 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 Interior Volume Index is an estimate of the size of the passenger compartment.

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 - 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

L89 HIP ANGLE-THIRD. Measured in the same manner as

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 - Cargo Space Dimensions

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 minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

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

CARGO LENGTH AT BELT-FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab backpanel

at the height of the belt, on the zero "Y" plane.

CARGO LENGTH AT BELT-SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.

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

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

W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting Interferences of the rear opening at belt height or top of pick up

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

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

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

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

H250 TAILGATE TO GROUND CURB MASS (WT.). The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.

V2 STATION WAGON

Measured in inches:

W4 x H201 x L204 1728 = ft³

Measured in mm:

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

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions — Key Sheet **Dimensions Definitions**

HIDDEN LUGGAGE CAPACITY - REAR OF FRONT SEAT. V4 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.
TRUCKS AND MPV'S WITH OPEN AREA.

V5

Measured in inches:

L506 x W505 x H503 1728

Measured in mm:

L506 x W500 x H503 = m3 (cubic meter) 10°

TRUCKS AND MPV'S WITH CLOSED AREA. V6

Measured in inches:

. L204 x W500 x H505 1728

Measured in mm:

L204 x W500 x H505 = m3 (cubic meter) 10°

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.

STATION WAGON CARGO VOLUME INDEX.

Measured in Inches:

V10

H201 x L205 x W4 + W201 1728

Measured in mm:

H201 x L205 x W4 + W201

= m³ (cubic meter) 10°

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).

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. CARGO LENGTH AT FLOOR - FRONT - HATCHBACK. L209 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.

CARGO LENGTH AT SECOND SEATBACK L210 HEIGHT-HATCHBACK. 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

CARGO LENGTH AT FLOOR-SECOND HATCHBACK. (211 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.

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

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

HATCHBACK. V3

Measured in inches:

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

Measured in mm:

$$\frac{1208 + 1209 \times W4 \times H197}{2} = m^{3} \text{ (cubic meter)}$$

HIDDEN LUGGAGE CAPACITY – REAR OF FRONT SEAT. **V4** 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.

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

Measured in Inches:

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

Measured in mm:

$$\frac{L210 + L211}{2} \times W4 \times H198$$
= m³ (cubic meter)

METRIC (U.S. Customary)

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