

ESVA Model Report

The information on this report is **confidential** and must not be disclosed to anyone.
However, specific details of any non-compliant items must be given to the presenter

Model report owner	Model Reports.com Ltd
Make and Model	Honda Stepwagon Automatic

Test Reports		
System	Test House	Report Number
Noise and Emissions	Emissions Lab (UK) Ltd	ELUK-NT/ET-07-167

Emissions data for MAC: (g/km)				dB(A) Test Result (Static)	
CO ₂	262.4	HC	0.058	80.6dB(A) @ 0.75 x 6000rpm (4500 rpm)	

TSB Notes:

In respect of this model report only, vehicles manufactured after **01/2005** where a part displays an original manufacturers part number that is different to that documented in the report, it shall be acceptable as an equivalent part providing:-

- The part is of identical appearance, with the same layout as in the photos provided, (consult SVA Technical Services were this is not possible)
- The date of manufacture of the vehicle is later than that of the vehicle documented (Newer Vehicle)
- The vehicle ECU is identical to that documented including part numbers (alternatives not permitted).

If the date of manufacture is on or before **01/2005** vehicles in relation to this report need to comply fully with the data in this report. (No deviation allowed).

Items required and criteria of Test.

1. Evidence of compliance for subject areas not covered by this report. (eg. Other MR, original manufacturer's letter or original of Japanese approval).
 2. If vehicle D.O.M on / after **1/10/1998** Anti-theft to be tested as per IM E1.
 3. Seat belts to be tested as per IM E5b.
 4. If compliance for other subject matter is by Japanese approval, and vehicle does not have ABS on rear axle, brakes to be tested as per IM E16.
 5. An allowance of +/- 5% must be allowed against any dimension given in this report.
 6. Noise to be tested as per IM E17.
 7. Vehicle to be speed roller tested in each forward gear. In the case of an automatic transmission the gear engaged must be in lock-up position. Result must be within $\pm 8\%$ of test Lab result.
 8. Carry out standard Passenger vehicle SVA test as appropriate.
 9. This Model Report is to the **Euro - 3** Emissions Technical Standard and is NOT valid for vehicles manufactured after **31/12/2005**
- It will be the responsibility of the vehicle presenter to provide access (by dismantling if necessary) to any inaccessible items that the Examiner considers necessary to inspect.
 - It is the presenter's responsibility to ensure that any individual carrying out dismantling is technically qualified and capable of carrying out the operations required.
 - VOSA will not accept any responsibility or participate in the dismantling of any vehicle.

Feature / Part		Number / Description	Critical Item "Y"	Modified from original
1.1	Vehicle Make Passenger/Goods	Honda Passenger	Y	N
1.2	Vehicle Type	Step Wagon (Photos 1)	Y	N
1.3	Model Code / Applied Model Code	CBA-RF8 As on VIN Plate (Photos 2)	Y	N
2.2	Powered Axles (Number & Position)	2 – Front and Rear Permanent 4WD	Y	N
3.2	Vehicle Weight in Running Order (full fuel tank plus 75kg).	1726kg	Y Max1955 kg	N
15.2	Tyre Size	225/50 R17 (front & rear)	Y	N
3.3	Specified Width (track)	Front – 1485mm Rear – 1480mm (measured from centre of tyres, both axles)	Y	N
3.2	Wheel Base	2805mm (measured between axle centre lines)	Y	N
4.1	Engine Manufacturer	Honda	Y	N
4.2	Manufacturers Engine Code	K24A – marked on LH side of engine block when looking from front of vehicle	Y	N
4.5	Engine Capacity (cc)	2350cc	Y	N
4.7	Max (Net) Power / Engine RPM	119kW@6000rpm	Info.	N
4.3	Engine Working principal	4 stroke, positive ignition, naturally aspirated	Y	N
4.4 4.8	No of cylinders, Configuration & Fuel type	4 valves per cylinder, 4 in-line, transversely mounted Petrol (Photo 3)	Y	N
6.1- 6.4	Engine Management ECU make & part Number	Matsushita Electrical Industrial 37820-PPF-J52 (Photos 4)	Y	N
6.3	Location & Access of ECU	Behind centre console. Remove centre console and ECU carrier to identify (Photos 4)	Y	N
8.7- 8.9	Air Filter dimensions & Type	136mm diameter x 167mm length Various Materials used in construction (Photo 5)	Y	N
8.6	Intake System / Manifold	Single entry, plastic 4 branch manifold. (Photo 6)	Y	N
5.7 5.8	Injector ID numbers	No Make Found TA08 BBST (Photo 7)	Y	N
5.13	Type of Fuel Pressure Regulator & Location	Electronic Located on N/S of fuel rail (Photo 8)	Y	N
5.14 5.17	Air Flow Sensor Type / Throttle Position Sensor.	Air Flow Meter; No ID Found Throttle Position Sensor; Potentiometer (Photos 9)	Y Y	N N

5.19	Throttle Body & Part Number on housing	No ID Found (Photos 10)	Y	N
9.4	Device for recycling crankcase gases	Pipe from RH side of cam cover to airbox before air filter (Photo 11)	Y	N
9.14	Evaporative Emissions Control System.	Vacuum Controlled Located in front of fuel tank when viewed from rear of vehicle (Photo 12)	Y	N
13.1 - 13.4	Gearbox Type & Model	No Make or Model Found MRJA2001026 found on gearbox, under top hose of radiator 4 speed automatic	Y	N
13.5 or 13.6	Gear Ratios (mph / 2000 rpm) for each gear	1 st – 11mph (1) 2 nd – 18mph (2) *3 rd – 42mph D (1 st stage O/D) *4 th – 57mph D (2 nd stage O/D) *NB – vehicle has to be taken to 3000rpm to initially engage 1 st & 2 nd stage O/D	Y +/- 8%	N
9.1	Exhaust System Description	4 branch cast manifold into single downpipe, to catalyst, into primary silencer and then to main silencer. Exhaust exits LH side when viewed from rear. (Photos 13)	Y	N
9.2	Primary Muffler / s Main Muffler	Primary Muffler; 463mm length x 350mm circumference Inlet and Outlet Pipes – 55mm diameter Main Muffler; 534mm length x 682mm circumference Inlet Pipe – 55mm diameter Outlet Pipe – 52mm diameter Tailpipe – 65mm diameter	Y Y	N N
9.6	Catalyst Details	Length 370mm x 472mm circumference (inc heat shield) Inlet Pipe – 65mm diameter Outlet Pipe – 55mm diameter (Photo 14)	Y	N
9.7	Location of catalytic converter	Located at bottom on downpipe. 514mm forward of primary muffler	Y	N
9.8 9.10	Oxygen Sensors Make / Description / Location	Sensor 1; 4 wires – 1 blue, 2 black and 1 white No Make found Located in front of catalyst Sensor 2; 4 wires – 3 white and 1 black No make found Located in middle of catalyst (Photos 15)	Y Y	N N
14.1 / 14.3	Sound Insulation:- Under Bonnet	Under bonnet; Fibre sound insulation 1330mm length x 365mm width Measured at largest points Fibre sound insulation on bulkhead. Unable to measure	Y Y	N N
	Under Body and Engine Compartment	No Under body or Engine Compartment Insulation found (Photos 16)		
	dB(A) Test Result (Tail Pipe Test)	80.6dBA @ 0.75 x 6000rpm (4500 rpm)	Y Maximum 82.6dB(A)	N

Test station feedback (tick as appropriate):		
:	Acceptable	☐
VIN and Z numbers	Pass ☐	Fail ☐
Date of manufacture or first reg. of vehicle being tested. (Enter date opposite >).		
Examiners Name:	Station No:	
Signature:	Date:	

Feedback Notes: Fax to SVA Technical Services 01792 463581.

Details of differences to report:

Use additional sheet if necessary

002/00180



^ (Photos 1), Views of Honda Stepwagon

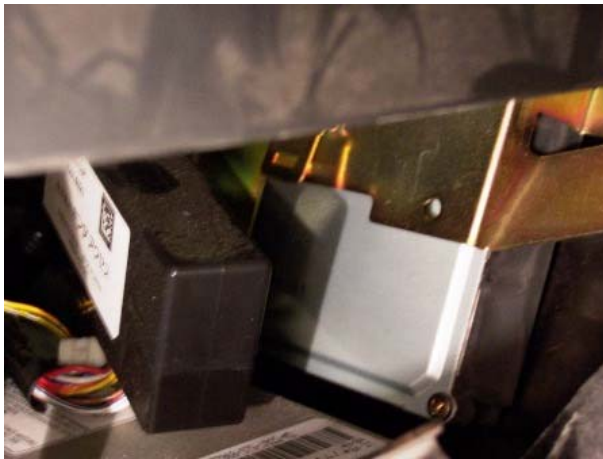
MODEL CODE
CBA-RF8



^ (Photo 2), View of Honda Stepwagon VIN Plate



^ (Photo 3), View of Honda Stepwagon Engine Compartment



^ (Photos 4), Views of Honda Stepwagon ECU location and label



^ (Photo 5), View of Honda Stepwagon Air Filter



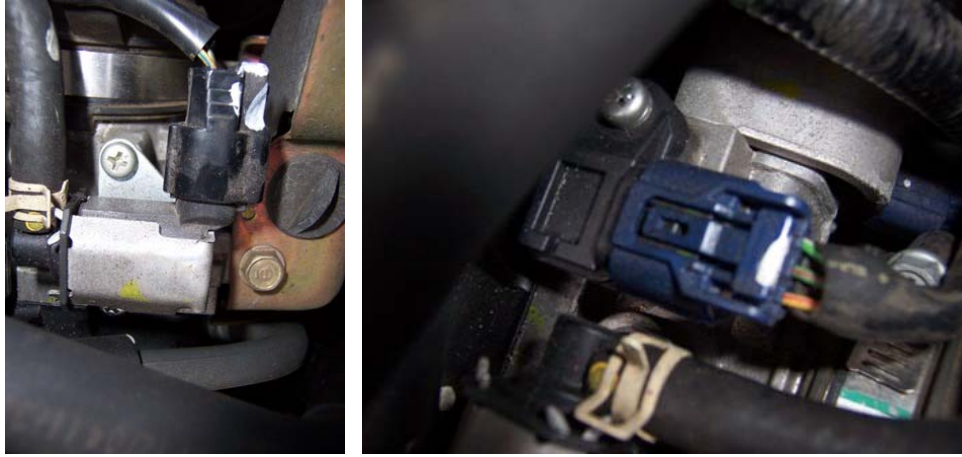
^ (Photo 6), View of Honda Stepwagon Intake Manifold



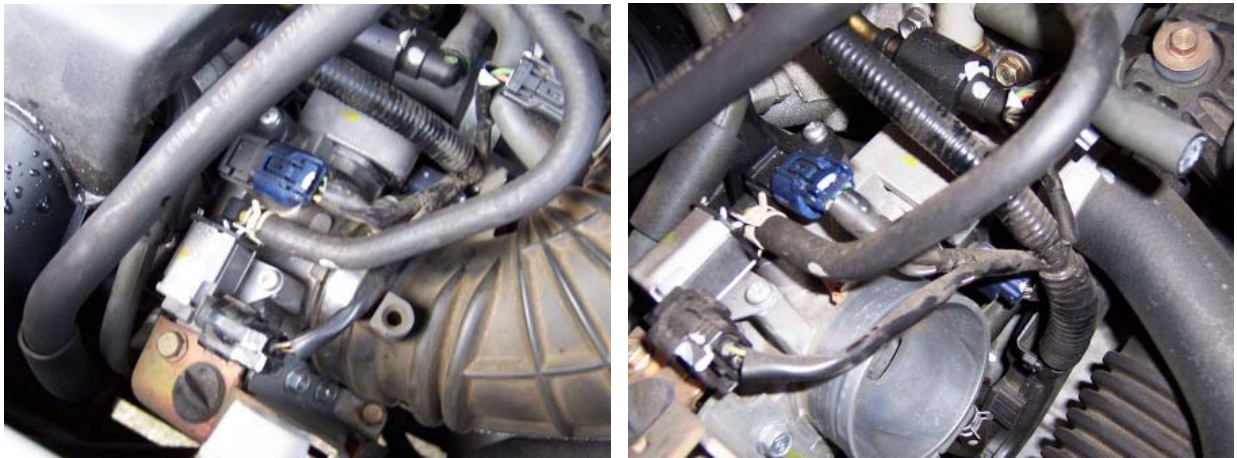
^ (Photo 7), View of Honda Stepwagon Injector



^ (Photo 8), View of Honda Stepwagon Fuel Pressure Regulator



^ (Photos 9), Views of Honda Stepwagon Air Flow Meter and Throttle Position Sensor



^ (Photos 10), Views of Honda Stepwagon Throttle Body



^ (Photo 11), View of Honda Stepwagon Airbox and Crankcase Pipe



^ (Photos 12), Views of Honda Stepwagon EVAP Canister



^ (Photos 13), Views of Honda Stepwagon Exhaust System



^ (Photo 14), View of Honda Stepwagon Catalyst



^ (Photo 15), View of Honda Stepwagon Oxygen Sensors



^ (Photo 16), View of Honda Stepwagon Underbonnet Insulation