## INTRODUCTION

#### How to Use This Manual

This manual is divided into multiple sections. The first page of each section is marked with a black tab that lines up with its corresponding thumb index tab on this page and the back cover. You can quickly find the first page of each section without looking through a full table of contents. The symbols printed at the top corner of each page can also be used as a quick reference system.

Each section includes:

- 1. A table of contents, or an exploded view index showing:
  - Parts disassembly sequence.
  - Bolt torques and thread sizes.
  - Page references to descriptions in text.
- 2. Disassembly/assembly procedures and tools.
- 3. Inspection.
- 4. Testing/troubleshooting.
- 5. Repair.
- 6. Adjustments.

Safety Messages

Your safety, and the safety of others, is very important. To help you make informed decisions, we have provided safety messages, and other safety information throughout this manual. Of course, it is not practical or possible to warn you about all the hazards associated with servicing this vehicle. You must use your own good judgment.

You will find important safety information in a variety of forms including:

- Safety Labels on the vehicle.
- Safety Messages preceded by a safety alert symbol A and one of three signal words, DANGER, WARNING, or CAUTION. These signal words mean:

A DANGER
AWARNING
A CAUTION

You WILL be KILLED or SERIOUSLY HURT if you don't follow instructions. You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions. You CAN be HURT if you don't follow instructions.

Instructions — how to service this vehicle correctly and safely.

All information contained in this manual is based on the latest product information available at the time of printing. We reserve the right to make changes at anytime without notice. No part of this publication may be reproduced, stored in retrieval system, or transmitted, in any form by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the publisher. This includes text, figures, and tables.

As you read this manual, you will find information that is preceded by a **NOTICE** symbol. The purpose of this message is to help prevent damage to your vehicle, other property, or the environment.

First Edition 07/2005 2,038 pages All Rights Reserved Specifications apply to U.S.A. and Canada

HONDA MOTOR CO., LTD. Service Publication Office

- DYNOMITE 2009 -

As sections with \* include SRS components; special precautions are required when servicing.

General Info	
Specifications	specs
Maintenance	outic
*Engine Electrical	engine
Engine	
Cooling	*
Fuel and Emissions	
Transaxle	$\odot$
*Steering	
Suspension	
Brakes (Including ABS)	
*Body	
*Heating, Ventilation and Air Conditioning	
*Body Electrical	– + BODY
*Restraints	X

#### SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

The Acura RSX SRS includes a driver's airbag in the steering wheel hub, a passenger's airbag in the dashboard above the glove box, seat belt tensioners in the front seat belt retractors, seat belt buckle tensioners in the front seat belt buckles, and side airbags in the front seat-backs. Information necessary to safely service the SRS is included in this Service Manual. Items marked with an asterisk (\*) on the contents page include or are located near SRS components. Servicing, disassembling, or replacing these items require special precautions and tools, and should be done only by an authorized Acura dealer.

- To avoid rendering the SRS inoperative, which could lead to personal injury or death in the event of a severe frontal or side collision, all SRS service work must be performed by an authorized Acura dealer.
- Improper service procedures, including incorrect removal and installation of the SRS could lead to personal injury caused by unintentional deployment of the airbags and/or side airbags.
- Do not bump or impact the SRS unit, front impact sensors, side impact sensors whenever the ignition switch is ON (II), or for at least 3 minutes after the ignition switch is turned OFF. Otherwise, the system may fail in a collision, or the airbags may deploy.
- SRS electrical connectors are identified by yellow color coding. Related components are located in the steering column, front console, dashboard, dashboard lower panel, in the dashboard above the glove box, in the front seats, and around the floor. Do not use electrical test equipment on these circuits.

## **General Information**

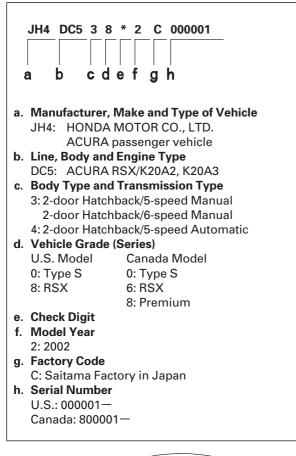
Chassis and Paint Codes 2002 Model	1-2
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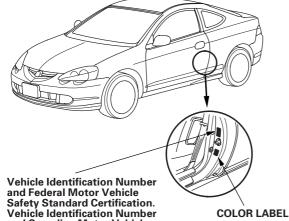
## **General Information**

## **Chassis and Paint Codes**

#### 2002 Model

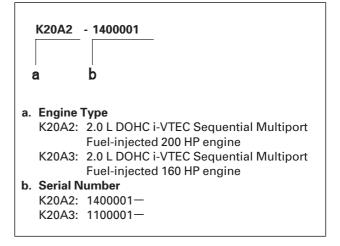
#### Vehicle Identification Number



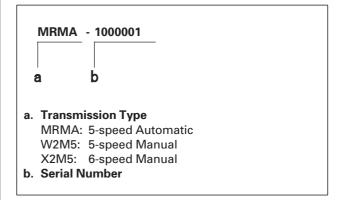


and Canadian Motor Vehicle Safety Standard Certification.

#### **Engine Number**



#### **Transmission Number**



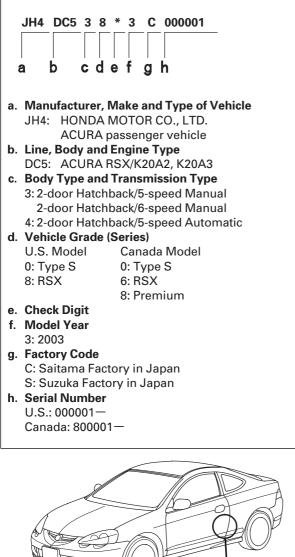
#### **Paint Code**

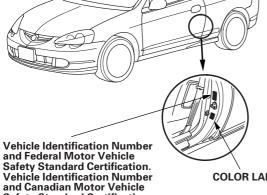
Code	Color	U.S.	Canada
B-507P	Arctic Blue Pearl	0	0
B-92P	Nighthawk Black Pearl	0	0
B-96P	Eternal Blue Pearl	0	
NH-578	Taffeta White	0	
NH-623M	Satin Silver Metallic	0	0
NH-636P	Brilliant White Pearl		0
R-81	Milano Red		0
R-507P	Fire Pepper Red Pearl	0	
YR-534M	Desert Silver Metallic	0	Ó



#### 2003 Model

#### Vehicle Identification Number

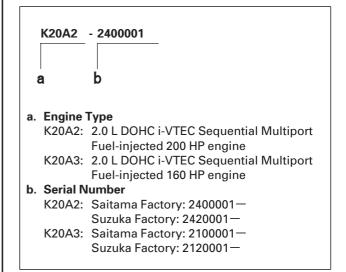




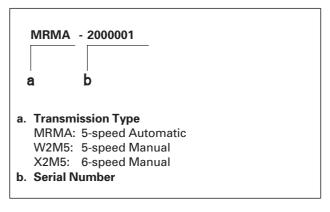
Safety Standard Certification. Vehicle Identification Number and Canadian Motor Vehicle Safety Standard Certification.

COLOR LABEL

#### **Engine Number**



#### **Transmission Number**



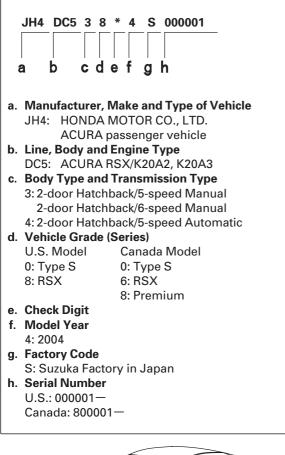
#### **Paint Code**

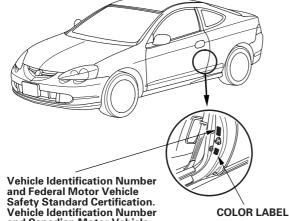
Code	Color	U.S.	Canada
B-507P	Arctic Blue Pearl	0	0
B-92P	Nighthawk Black Pearl	0	0
B-96P	Eternal Blue Pearl	0	
NH-578	Taffeta White	0	
NH-623M	Satin Silver Metallic	0	0
NH-624P	Premium White Pearl	0	0
NH-636P	Brilliant White Pearl		0
R-81	Milano Red		0
R-522	Redondo Red Pearl	0	
YR-534M	Desert Silver Metallic	0	0

## Chassis and Paint Codes (cont'd)

#### 2004 Model

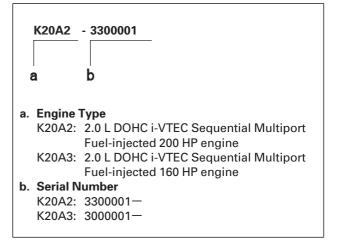
#### Vehicle Identification Number



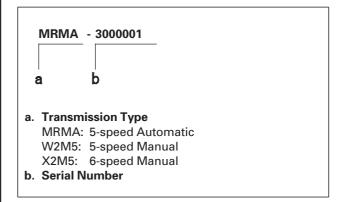


and Canadian Motor Vehicle Safety Standard Certification.

#### **Engine Number**



#### **Transmission Number**



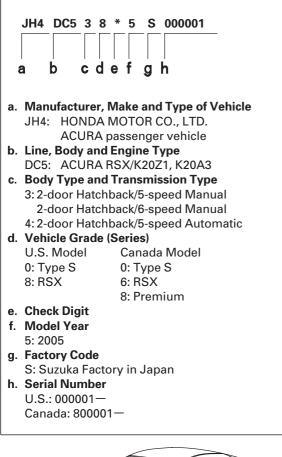
#### **Paint Code**

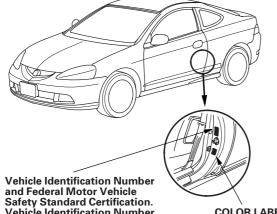
Code	Color	U.S.	Canada
B-507P	Arctic Blue Pearl	0	0
B-92P	Nighthawk Black Pearl	0	0
B-96P	Eternal Blue Pearl	0	
NH-578	Taffeta White	0	
NH-623M	Satin Silver Metallic	0	0
NH-624P	Premium White Pearl	0	0
NH-636P	Brilliant White Pearl		0
R-81	Milano Red		0
YR-534M	Desert Silver Metallic	0	Ó



#### 2005 Model

#### Vehicle Identification Number

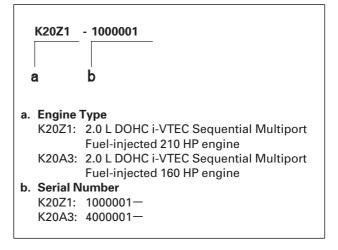




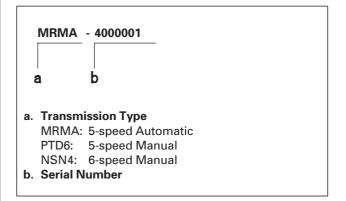
Safety Standard Certification. Vehicle Identification Number and Canadian Motor Vehicle Safety Standard Certification.

**COLOR LABEL** 

#### **Engine Number**



#### **Transmission Number**



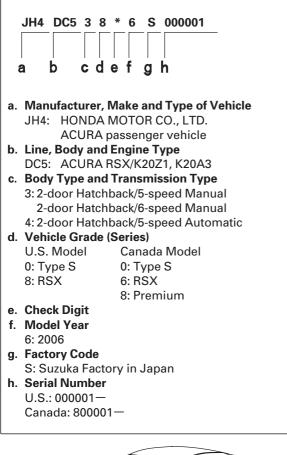
#### **Paint Code**

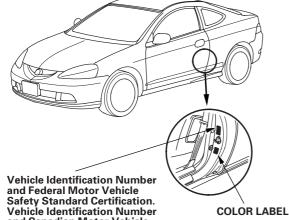
Code	Color	U.S.	Canada
B-92P	Nighthawk Black Pearl	0	0
B-520P	Vivid Blue Pearl	0	0
NH-578	Taffeta White	0	
NH-623M	Satin Silver Metallic	0	0
NH-624P	Premium White Pearl	0	0
NH-675M	Magnesium Metallic	0	0
G-523M	Jade Green Metallic	0	
R-81	Milano Red	0	
YR-552M	Blaze Orange Metallic	0	Ó

## Chassis and Paint Codes (cont'd)

#### 2006 Model

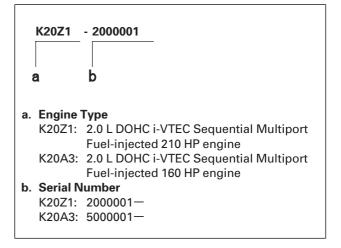
#### Vehicle Identification Number



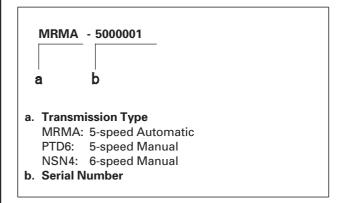


and Canadian Motor Vehicle Safety Standard Certification.

#### **Engine Number**



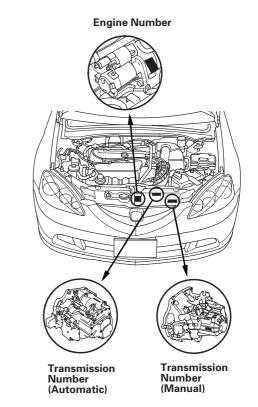
#### **Transmission Number**



#### **Paint Code**

Code	Color	U.S.	Canada
B-92P	Nighthawk Black Pearl	0	0
B-520P	Vivid Blue Pearl	0	0
NH-578	Taffeta White	0	
NH-624P	Premium White Pearl	0	0
NH-700M	Alabaster Silver	0	0
	Metallic		
NH-675M	Magnesium Metallic	0	0
G-523M	Jade Green Metallic	0	
R-81	Milano Red	0	
YR-552M	Blaze Orange Metallic	0	0

# Vehicle Identification Vehicle Identification Number (VIN) Image: Comparison of the second of the secon

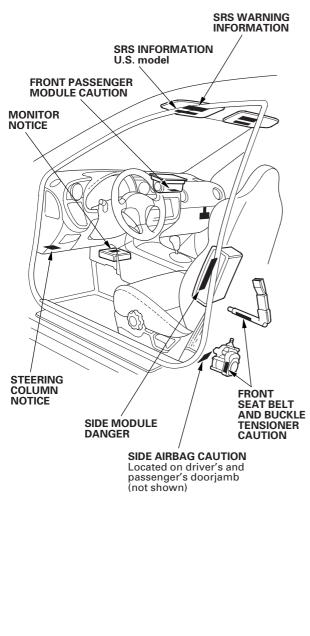


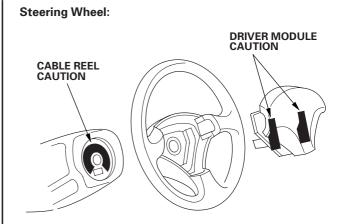
## Identification Number Locations

## **Danger/Warning/Caution Label Locations**

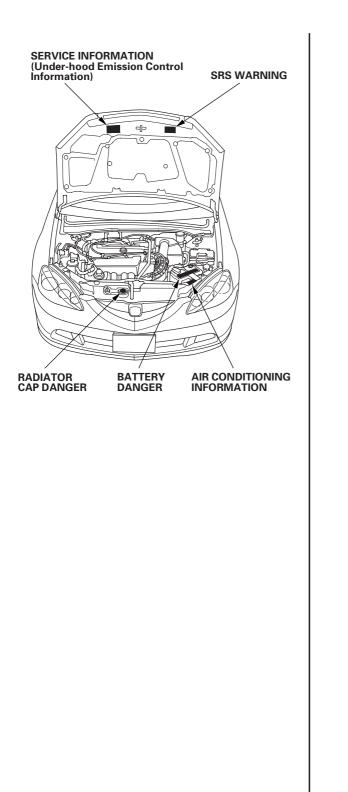
NOTE: FRONT PASSENGER AIRBAG WARNING TAG (CHILD SEAT) is equipped on the glove box in the U.S. model.

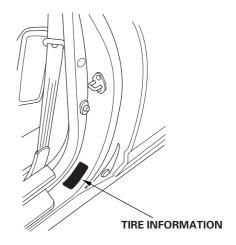
#### Passenger's Compartment:











## **Under-hood Emission Control Label**

#### **Emission Group Identification**

#### 2002-2004 Models

#### Example:



#### 2002 Model:

THIS VEHICLE CONFORMS TO U.S. EPA TIER 2 REGULATIONS APPLICABLE TO 2002 MODEL YEAR NEW BIN 5 PASSENGER CARS AND CALIFORNIA REGULATIONS APPLICABLE TO 2002 MODEL YEAR NEW LEV II LEV PASSENGER CARS.

#### 2003 Model:

THIS VEHICLE CONFORMS TO U.S. EPA TIER 2 REGULATIONS APPLICABLE TO 2003 MODEL YEAR NEW BIN 5 PASSENGER CARS AND CALIFORNIA REGULATIONS APPLICABLE TO 2003 MODEL YEAR NEW LEV II LEV PASSENGER CARS.

#### 2004 Model:

THIS VEHICLE CONFORMS TO U.S. EPA TIER 2 REGULATIONS APPLICABLE TO 2004 MODEL YEAR NEW BIN 5 PASSENGER CARS AND CALIFORNIA REGULATIONS APPLICABLE TO 2004 MODEL YEAR NEW LEV II LEV PASSENGER CARS.

#### 2005-2006 Models

#### Example:



#### 2005 Model: K20Z1 engine

THIS VEHICLE CONFORMS TO U.S. EPA TIER 2 BIN 5 REGULATIONS APPLICABLE TO 2005 MODEL YEAR NEW PASSENGER CARS AND CALIFORNIA REGULATIONS APPLICABLE TO 2005 MODEL YEAR NEW LEV II LEV PASSENGER CARS.

#### 2005 Model: K20A3 engine

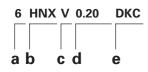
THIS VEHICLE CONFORMS TO U.S. EPA TIER 2 BIN 5 AND CFV LEV REGULATIONS APPLICABLE TO 2005 MODEL YEAR NEW PASSENGER CARS AND CALIFORNIA REGULATIONS APPLICABLE TO 2005 MODEL YEAR NEW LEV II LEV PASSENGER CARS. EPA CERTIFICATION TEST FUEL FOR CFV: EPA UNLEADED GASOLINE.

#### 2006 Model:

THIS VEHICLE CONFORMS TO U.S. EPA TIER 2 BIN 5 REGULATIONS APPLICABLE TO 2006 MODEL YEAR NEW PASSENGER CARS AND CALIFORNIA REGULATIONS APPLICABLE TO 2006 MODEL YEAR NEW LEV II LEV PASSENGER CARS.

#### **Test Group and Evaporative Family**

#### Test Group:



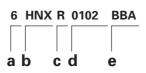
- a. Model Year
  - 2: 2002
  - 3: 2003
  - 4: 2004
  - 5: 2005 6: 2006
- b. Manufacturer Subcode HNX: HONDA
- c. Family Type V: LDV
- d. Displacement Group
  - 0.20: 2002-2004 Models and 2005-2006 K20Z1 engine Models and 2006 K20A3 engine Model
  - 0.24: 2005 K20A3 engine Model
- e. Sequence Characters

VBP (L·K, L·M), EKC-Type S (L·L, L·N): 2002 Model XKC (P5, P6), SKC-Type S (P7, P8): 2003-2004 Models HKC: 2005 K20Z1 engine Model

KBP: 2005 K20A3 engine Model

DKC: 2006 K20Z1,K20A3 engine Models

#### Evaporative Family:



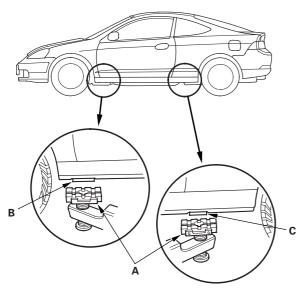
- a. Model Year
  - 2: 2002
  - 3: 2003
  - 4: 2004
  - 5: 2005
  - 6: 2006
- b. Manufacturer Subcode HNX: HONDA
- c. Family Type R: EVAP/ORVR
- d. Canister Work Capacity 0099: 2002-2004 Models 0102: 2005-2006 Models
- e. Sequence Characters AAH: 2002 Model AAA: 2003-2004 Models BBA: 2005-2006 Models

## Lift and Support Points

NOTE: If you are going to remove heavy components such as suspension or the fuel tank from the rear of the vehicle, first support the front of the vehicle with tall safety stands. When substantial weight is removed from the rear of the vehicle, the center of gravity can change and cause the vehicle to tip forward on the hoist.

#### **Frame Hoist**

 Position the hoist lift blocks (A), on safety stands, under the vehicle's front support points (B) and rear support points (C).



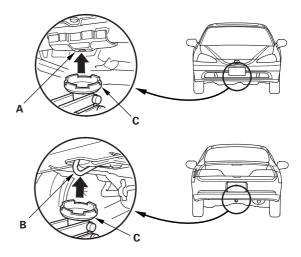
- 2. Raise the hoist a few inches, and rock the vehicle gently to be sure it is firmly supported.
- 3. Raise the hoist to full height, and inspect the lift points for solid contact with the lift blocks.

#### **Safety Stands**

To support the vehicle on safety stands, use the same support points (B and C) as for a frame hoist. Always use safety stands when working on or under any vehicle that is supported only by a jack.

#### **Floor Jack**

- 1. Set the parking brake.
- 2. Block the wheels that are not being lifted.
- 3. When lifting the rear of the vehicle, put the shift lever in reverse, or the automatic transmission in the P position.
- 4. Position the floor jack under the front jacking bracket (A) or rear jacking bracket (B), center the jacking bracket in the jack lift platform (C), and jack up the vehicle high enough to fit the safety stands under it.



- 5. Position the safety stands under the support points and adjust them so the vehicle is level.
- 6. Lower the vehicle onto the stands.

## Towing

If the vehicle needs to be towed, call a professional towing service. Never tow the vehicle behind another vehicle with just a rope or chain. It is very dangerous.

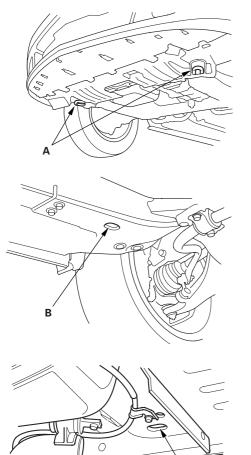
#### **Emergency Towing**

There are three popular methods of towing a vehicle.

**Flat-bed Equipment** — The operator loads the vehicle on the back of a truck. This is the best way of transporting the vehicle.

To accommodate flat-bed equipment, the vehicle is equipped with towing hooks (A) and tie down hooks (B).

The towing hook can be used with a winch to pull the vehicle onto the truck, and the tie down hook slots can be used to secure the vehicle to the truck.



**Wheel Lift Equipment** — The tow truck uses two pivoting arms that go under the tires (front or rear) and lifts them off the ground. The other two wheels remain on the ground. This is an acceptable way of towing the vehicle.

**Sling-type Equipment** — The tow truck uses metal cables with hooks on the ends. These hooks go around parts of the frame or suspension and the cables lift that end of the vehicle off the ground. The vehicle's suspension and body can be seriously damaged if this method of towing is attempted.

If the vehicle cannot be transported by flat-bed, it should be towed with the front wheels off the ground. If due to damage, the vehicle must be towed with the front wheels on the ground, do the following:

#### **Manual Transmission**

- Release the parking brake.
- Shift the transmission to Neutral.

#### **Automatic Transmission**

- Release the parking brake.
- Start the engine.
- Shift to the D position, then to the N position.
- Turn off the engine.

It is best to tow the vehicle no farther than 50 miles (80 km), and keep the speed below 35 mph (55 km/h).

#### NOTICE

- Improper towing preparation will damage the transmission. Follow the above procedure exactly. If you cannot shift the transmission or start the engine (automatic transmission), the vehicle must be transported on a flat-bed.
- Trying to lift or tow the vehicle by the bumpers will cause serious damage. The bumpers are not designed to support the vehicle's weight.

## **Parts Marking**

To deter vehicle theft, certain major components are marked with the vehicle identification number (VIN). Original parts have self-adhesive labels. Replacement body parts have generic self-adhesive labels. These labels should not be removed. The original engine or transmission VIN plates are not transferable to the replacement engine or transmission.

NOTE: Be careful not to damage the parts marking labels during body repair. Mask the labels before repairing the part.

## **Standards and Service Limits**

## **Engine Electrical**

ltem	Measurement	Qualification	Standard or New	Service Limit
Ignition coil	Rated voltage		12 V	
	Firing order		1-3-4-2	
Spark plug	Туре	K20A3 engine	NGK: IZFR6K11	
			DENSO: SKJ20DR-M11	
		K20A2 engine	NGK: IFR7G11K, IFR7G11KS	
		(2002-2004	DENSO: SK22PR-M11, SK22PR-M11	S
		models)		
		K20Z1 engine	NGK: IFR7G11KS	
		(2005-2006	DENSO: SK22PR-M11S	
		models)		
	Gap		1.0—1.1 mm (0.039—0.043 in.)	1.3 mm (0.051 in.)
Ignition timing	At idle	M/T (in neutral)	8°±2°BTDC	
	Check the <i>red</i> mark	A/T (in N or P	8°±2°BTDC	
		position)		
Drive belt	Tension		Auto tensioner	
Alternator	Output	At 13.5 V and	90 A	
(K20A3 engine)		normal engine		
		temperature		
	Coil (rotor) resistance	At 68°F (20℃)	1.84 <b>—2.10</b> Ω	
	Slip ring O.D.		22.7 mm (0.89 in.)	21.7 mm (0.85 in.)
	Brush length		15.5 mm (0.61 in.)	1.5 mm (0.06 in.)
	Brush spring tension		3.3-4.1 N (0.34-0.42 kgf, 0.7-0.9 lk	of)
Alternator	Output	At 13.5 V and	95 A	
[K20A2		normal engine		
(2002-2004		temperature		
models), K20Z1	Coil (rotor) resistance	At 68℃ (20℃)	<b>2.2 –3.0</b> Ω	
(2005-2006	Slip ring O.D.		14.4 mm (0.57 in.)	14.0 mm (0.55 in.)
models)	Brush length		10.5 mm (0.41 in.)	1.5 mm (0.06 in.)
engines]	Brush spring tension		2.9-3.5 N (0.30-0.36 kgf, 0.7-0.8 lk	of)
Starter	Output		1.2 kW	
(K20A3 engine)	Commutator mica depth		0.40—0.50 mm (0.016—0.020 in.)	0.15 mm (0.006 in.)
	Commutator runout		0.02 mm (0.001 in.) max.	0.05 mm (0.002 in.)
	Commutator O.D.		28.0—28.1 mm (1.102—1.106 in.)	27.5 mm (1.083 in.)
	Brush length		11.1—11.5 mm (0.44—0.45 in.)	4.3 mm (0.17 in.)
Starter [K20A2	Output		1.1 kW	
(2002-2004	Commutator mica depth		0.50—0.80 mm (0.020—0.031 in.)	0.20 mm (0.008 in.)
models), K20Z1	Commutator runout		0.02 mm (0.001 in.) max.	0.05 mm (0.002 in.)
(2005-2006	Commutator O.D.		28.0 mm (1.10 in.)	27.0 mm (1.06 in.)
models)	Brush length		14.0—14.5 mm (0.55—0.57 in.)	9.0 mm (0.35 in.)
engines]	Brush spring tension		13.7-17.7 N (1.40-1.80 kgf, 3.09-3	.97 lbf)



## **Engine Assembly**

ltem	Measurement	Qualification	Standard or New	Service Limit
Compression	Pressure	Minimum	930 kPa (9.5 kgf/cm², 135 psi)	
	Check the engine with the starter	Maximum	200 kPa (2.0 kgf/cm², 28 psi)	
	cranking	variation		

## Cylinder Head

ltem	Measurement	Qualification	Standard or New	Service Limit
Head	Warpage			0.05 mm (0.002 in.)
	Height		103.95—104.05 mm (4.093—4.096 in.)	
Camshaft	End play		0.05—0.20 mm (0.002—0.008 in.)	0.4 mm (0.02 in.)
	Camshaft-to-holder oil clearance	No. 1 journal	0.030-0.069 mm (0.001-0.003 in.)	0.15 mm (0.006 in.)
		No. 2, 3, 4, 5	0.060-0.099 mm (0.002-0.004 in.)	0.15 mm (0.006 in.)
		journals		
	Total runout		0.03 mm (0.001 in.) max.	0.04 mm (0.002 in.)
	Cam lobe height	Intake, primary	33.925 mm (1.3356 in.)	
	(K20A3 engine)	Intake,	29.638 mm (1.1668 in.)	
		secondary		
		Exhaust	34.092 mm (1.3422 in.)	
	Cam lobe height	Intake, primary	32.791 mm (1.2910 in.)	
	[K20A2 (2002-2004 models), K20Z1	Intake, mid	35.534 mm (1.3990 in.)	
	(2005-2006 models) engines]	Intake,	32.678 mm (1.2865 in.)	
		secondary		
		Exhaust, primary	32.772 mm (1.2902 in.)	
		Exhaust, mid	34.768 mm (1.3688 in.)	
		Exhaust,	32.661 mm (1.2859 in.)	
		secondary		

(cont'd)

## **Standards and Service Limits**

### Cylinder Head (cont'd)

ltem	Measurement	Qualification	Standard or New	Service Limit
/alve	Clearance (cold)	Intake	0.21-0.25 mm (0.008-0.010 in.)	
		Exhaust	0.28—0.32 mm (0.011—0.013 in.)	
		(K20A3 engine)		
		Exhaust	0.25—0.29 mm (0.010—0.011 in.)	
		[K20A2		
		(2002-2004		
		models), K20Z1		
		(2005-2006		
		models)		
		engines]		
	Stem O.D.	Intake	5.475-5.485 mm (0.2156-0.2159 in.)	5.445 mm (0.214 in.)
		Exhaust	5.450-5.460 mm (0.2146-0.2150 in.)	5.42 mm (0.213 in.)
	Stem-to-guide clearance	Intake	0.030-0.055 mm (0.0012-0.0022 in.)	0.08 mm (0.003 in.)
		Exhaust	0.055-0.080 mm (0.0022-0.0031 in.)	0.11 mm (0.004 in.)
/alve seat	Width	Intake	1.25—1.55 mm (0.049—0.061 in.)	2.00 mm (0.079 in.)
		Exhaust	1.25—1.55 mm (0.049—0.061 in.)	2.00 mm (0.079 in.)
	Stem installed height	Intake	44.0-44.5 mm (1.73-1.75 in.)	44.7 mm (1.76 in.)
		Exhaust	44.1—44.6 mm (1.74—1.76 in.)	44.8 mm (1.76 in.)
/alve spring	Free length	Intake	47.61 mm (1.874 in.)	
	(K20A3 engine)	Exhaust	NIPPON HATSUJO:	
	_		49.64 mm (1.954 in.)	
			CHUO HATSUJO:	
			49.63 mm (1.954 in.)	
	Free length	Intake, inner	45.22 mm (1.780 in.)	
	[K20A2 (2002 model) engine]	Exhaust, inner	45.50 mm (1.791 in.)	
		Intake, outer	50.86 mm (2.002 in.)	
		Exhaust, outer	51.81 mm (2.040 in.)	
	Free length	Intake	49.77 mm (1.959 in.)	
	[K20A2 (2003-2004 models),	Exhaust	50.39 mm (1.984 in.)	
	K20Z1 (2005-2006 models) engines]			
/alve guide	I.D.	Intake	5.515-5.530 mm (0.2171-0.2177 in.)	5.55 mm (0.219 in.)
		Exhaust	5.515—5.530 mm (0.2171—0.2177 in.)	5.55 mm (0.219 in.)
	Installed height	Intake	15.2—16.2 mm (0.598—0.638 in.)	
	linetanea neigitt	Exhaust	15.5—16.5 mm (0.610—0.650 in.)	
Rocker arm	Arm-to-shaft clearance	Intake	0.025-0.052 mm (0.0010-0.0020 in.)	0.08 mm (0.003 in.)
		Exhaust	0.018—0.056 mm (0.0007—0.0022 in.)	0.08 mm (0.003 in.)
		(K20A3 engine)		
		Exhaust	0.025-0.052 mm (0.0010-0.0020 in.)	0.08 mm (0.003 in.)
		[K20A2		
		-		
		(2002-2004 models), K20Z1 (2005-2006 models) engines]		



## Engine Block

ltem	Measurement	Qualification	Standard or New	Service Limit
Block	Warpage of deck		0.07 mm (0.003 in.) max.	0.10 mm (0.004 in.)
	Bore diameter	A or I	86.010-86.020 mm (3.3862-3.3866 in.)	86.070 mm (3.3886 in.)
		B or II	86.000-86.010 mm (3.3858-3.3862 in.)	86.070 mm (3.3886 in.)
	Bore taper			0.05 mm (0.002 in.)
	Reboring limit			0.25 mm (0.01 in.)
Piston	Skirt O.D. at 11 mm (0.4 in.) from	No letter or A	85.980-85.990 mm (3.3850-3.3854 in.)	85.930 mm (3.3831 in.)
	bottom of skirt	Letter B	85.970-85.980 mm (3.3846-3.3850 in.)	85.920 mm (3.3827 in.)
	Clearance in cylinder		0.020-0.040 mm (0.0008-0.0016 in.)	0.05 mm (0.002 in.)
	Ring groove width	Тор	1.220-1.230 mm (0.0481-0.0484 in.)	1.25 mm (0.049 in.)
		(K20A3 engine)		
		Тор	1.235-1.245 mm (0.0486-0.0490 in.)	1.265 mm (0.0498 in.)
		[K20A2		
		(2002-2004		
		models), K20Z1		
		(2005-2006		
		models)		
		engines]		
		Second	1.220-1.230 mm (0.0481-0.0484 in.)	1.25 mm (0.049 in.)
		(K20A3 engine)		
		Second	1.230-1.240 mm (0.0484-0.0488 in.)	1.260 mm (0.0496 in.)
		[K20A2		
		(2002-2004		
		models), K20Z1		
		(2005-2006		
		models)		
		engines]		
		Oil	2.005-2.025 mm (0.0789-0.0797 in.)	2.05 mm (0.081 in.)

(cont'd)