

INTRODUCTION

How to Use This Manual

This supplement contains information for the 97 ACCORD COUPE/ AERO DECK.

Refer to following shop manuals for service procedures and data not included in this supplement. Accord Aero deck is sold as Accord Wagon in Australia. Please refer to the procedures for Accord Wagon for repair/maintenance of the Accord Aero deck.

Description	Code No.
94 ACCORD Shop Manual MAINTENANCE, REPAIR and CONSTRUCTION	62SV400
94 ACCORD COUPE Shop Manual MAINTENANCE, REPAIR and CONSTRUCTION	62SV200
94 ACCORD AERO DECK Supplement Manual	62SV220
95 ACCORD Supplement Manual	62SV420
95 ACCORD COUPE, ACCORD AERO DECK/WAGON Supplement Manual	62SV221
96 ACCORD Supplement Manual	62SV421
96 ACCORD COUPE, ACCORD AERO DECK/WAGON Supplement Manual	62SV222

The first page of each section is marked with a black tab that lines up with one of the thumb index tabs on this page. 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.

Special Information

⚠ WARNING Indicates a strong possibility of severe personal injury or loss of life if instructions are not followed.

CAUTION: Indicates a possibility of personal injury or equipment damage if instructions are not followed.

NOTE: Gives helpful information.

CAUTION: Detailed descriptions of *standard workshop procedures, safety principles and service operations* are not included. Please note that this manual contains warnings and cautions against some specific service methods which could cause **PERSONAL INJURY**, damage a vehicle or make it unsafe. Please understand that these warnings cannot cover all conceivable ways in which service, whether or not recommended by HONDA, might be done, or of the possible hazardous consequences of every conceivable way, nor could HONDA investigate all such ways. Anyone using service procedures or tools, whether or not recommended by HONDA, *must satisfy himself thoroughly* that neither personal safety nor vehicle safety will be jeopardized.

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 any time 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.

☐ marked sections are not included in this manual.

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

General Info



Special Tools



Specifications

specs

Maintenance



Engine



Cooling



Fuel and Emissions



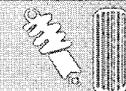
*Transaxle



*Steering



Suspension



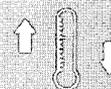
*Brakes (Including ABS)



*Body



*Heater and Air Conditioning



*Electrical (Including SRS)



Outline of Model Changes

European Models

ITEM	DESCRIPTION	MODELS						REFERENCE SECTION
		94 AERO DECK	95 COUPE	95 AERO DECK	96 COUPE	96 AERO DECK	97 COUPE AERO DECK	
General	ACCORD AERO DECK added	○						—
Engine	Exhaust pipe and muffler changed	○						—
	• Maintenance interval for engine oil and oil filter changed				○	○		—
Fuel and Emissions	• Fuel Tube/Quick-Connect Fittings introduce • Engine Control Module modified				○	○		—
	6 mm service bolt for fuel pressure measurement on fuel rail eliminated						○	11
Manual Transmission	Changed • Countershaft clearance inspection • Reverse idler gear shaft bolt torque		○	○				—
	Honda genuine manual transmission fluid (MTF) specified				○	○		—
	• 28 mm sealing bolt and select return pin disused • Stopper ring and taper ring unified for P2C4						○	13
Automatic Transmission	Modified • 1st clutch piston Changed • 1st-hold clutch plates • Secondary shaft axial clearance specification • Torque value of the transmission housing mounting bolts		○	○				—
	Recommended automatic transmission fluid changed						○	14
Steering	Steering gearbox removal/installation procedures changed				○	○		—
Suspension	Rear damper removal and installation changed	○						—
Brakes	Following inspection procedures added • Rubber parts and brake booster • Master cylinder and ABS modulator unit						○	19
Body	ACCORD AERO DECK added	○						—
	Changed • Instrument panel and dashboard lower cover removal procedures (automatic climate control model) • Headliner replacement procedure • Quantities of the side sill panel clips used • Sunroof constructions • Radio with a coded theft protection circuit (COUPE-KE model, AERO DECK-KE and KS models) Added • Door cylinder protector and door weatherstrip Disused • Manual door window		○	○				—
	Changed • Door molding adhesive tape location Added • Side and rear emblems		○					—
	Changed • Emblem attachment points • Front seat belt lower anchor bolt construction			○				—
	Changed • Attachment point of emblem • Opener cable location • Opening repair chart				○			—
	• Guide to the tape location of ceiling light harness Changed • Front bumper and spoiler, rear bumper and bumper skirt • Trunk lid				○	○		—
	• Door molding adhesive tape and clip location changed • Roof rack added					○		—

ITEM	DESCRIPTION	MODELS						REFERENCE SECTION
		94 AERO DECK	95 COUPE	95 AERO DECK	96 COUPE	96 AERO DECK	97 COUPE AERO DECK	
Electrical	ACCORD AERO DECK added	○						—
	Added • Driver's side vanity mirror light		○	○				—
	• Circuit diagrams of systems whose wire colors changed • It is now possible to replace the power mirror actuator • Immobilizer system information entered • Horn circuits of models with SRS airbag system changed				○	○		—
	Inner taillights added				○			—
	Immobilizer system added for KQ model						○	23
Supplemental Restraint System (SRS)	DE-made SRS unit adopted	○						—
	Changed • From SRS-type I to SRS-type III		○	○				—
	SRS unit and cable reel connectors changed				○	○		—

NOTE: For European model; refer to the following manuals for the items not shown in this manual:

- 94 ACCORD COUPE MAINTENANCE, REPAIR and CONSTRUCTION Code. No 62SV200
- 94 ACCORD AERO DECK SUPPLEMENT Code No. 62SV220
- 95 ACCORD COUPE, ACCORD AERO DECK/WAGON SUPPLEMENT Code No. 62SV221
- 96 ACCORD COUPE, ACCORD AERO DECK/WAGON SUPPLEMENT Code No. 62SV222

Outline of Model Changes

Except European Models

ITEM	DESCRIPTION	MODELS					REFERENCE SECTION	
		94 AERO DECK	95 COUPE	95 AERO DECK*1 or WAGON*2	96 COUPE	96 AERO DECK*1 or WAGON*2		97 COUPE AERO DECK WAGON*2
General	ACCORD AERO DECK added	○						—
	Sales name has been changed from ACCORD AERO DECK to ACCORD WAGON (for KQ model)			○				—
	ACCORD AERO DECK and COUPE for KY model added				○	○		—
Engine	Changed • Intake manifold • Exhaust pipe and muffler	○						—
	• VTEC oil pressure switch abolished • Troubleshooting for VTEC solenoid valve changed				○	○		—
	Maintenance interval for engine oil and oil filter changed				○	○		—
Fuel and Emissions	Changed • Engine coolant temperature sensor circuit (KH model)		○	○				—
	• Engine Control Module modified • Fuel Injection Air (FIA) Control System abolished (KH model) • Fuel Tube/Quick-Connect Fittings introduced				○	○		—
	6 mm service bolt for fuel pressure measurement on fuel rail eliminated						○	11
Manual Transmission	Changed • Countershaft clearance inspection • Reverse idler gear shaft bolt torque		○	○				—
	Honda genuine manual transmission fluid (MTF) specified				○	○		—
	• 28 mm sealing bolt and select return pin disused • Stopper ring and taper ring unified for P2C4						○	13
Automatic Transmission	Road test of F22B1 engine added	○						—
	Modified • 1st clutch piston Changed • 1st-hold clutch plates • Secondary shaft axial clearance specification • Torque valve of the transmission housing mounting bolts		○	○				—
	Recommended automatic transmission fluid changed						○	14
Steering	Steering gearbox removal/installation procedures changed				○	○		—
Suspension	Rear damper removal and installation changed	○						—
Brakes	Following inspection procedures added • Rubber parts and brake booster • Master cylinder and ABS modulator unit						○	19
Body	ACCORD AERO DECK added	○						—
	Changed • Instrument panel and dashboard lower cover removal procedures (automatic climate control model) • Headliner replacement procedure • Quantities of the side sill panel clips used • Sunroof construction Added • Door cylinder protector • Door lower weatherstrip • Radio with a coded theft protection circuit (COUPE-KM model, AERO DECK-KM model) Disused • Manual door window		○	○				—
	Changed • Door molding adhesive tape location Added • Side and rear emblems • Front bumper beam and rear bumper beam (KM model)		○					—
	Changed • Emblem attachment point			○				—
	Changed • Attachment point of emblem • Opener cable location • Opening repair chart • Power adjustable seat added				○			—
	• Door molding adhesive tape and clip location changed					○		—
	Changed • Front bumper and spoiler, rear bumper and bumper skirt • Trunk lid • Guide to the cushion tape location of ceiling light harness				○	○		—

ITEM	DESCRIPTION	MODELS						REFERENCE SECTION
		94 AERO DECK	95 COUPE	95 AERO DECK*1 or WAGON*2	96 COUPE	96 AERO DECK*1 or WAGON*2	97 COUPE AERO DECK*1 WAGON*2	
Air Conditioning	Added • Automatic climate control (KH model)		○	○				—
Electrical	ACCORD AERO DECK added	○						—
	Added • Automatic climate control (KH model) • Retractable power mirrors (KH model) • Driver's side vanity mirror light • Coded theft protection circuit for the radio (KM model) • Keyless entry system		○	○				—
	Changed • Taillight bulbs replacement		○					—
	• KY model added; related information entered • Information related to the addition F22B4 (KY model) engine entered • Circuit diagrams of system whose wire colors changed • Horn circuits of models with SRS airbag system changed • It is now possible to replace the power mirror actuator • Immobilizer system information entered				○	○		—
	Inner taillights added				○			—
	Immobilizer system added for KQ model						○	23
								—
Supplemental Restraint System (SRS)	DE-made SRS unit adopted	○						—
	Changed • From SRS-type I to SRS-type III		○	○				—
	SRS unit and cable reel connectors changed				○	○		—

NOTE: For except European models; refer to the following manuals for the items not shown in this manual:

- 94 ACCORD MAINTENANCE, REPAIR and CONSTRUCTION Code No. 62SV400
- 94 ACCORD AERO DECK SUPPLEMENT Code No. 62SV 220
- 95 ACCORD SUPPLEMENT Code No. 62SV420
- 95 ACCORD COUPE, ACCORD AERO DECK/WAGON Code No. 62SV221
- 96 ACCORD COUPE, ACCORD AERO DECK/WAGON SUPPLEMENT Code No. 62SV222

*1: Except KQ model, *2: KQ model



General Information

Chassis and Engine Numbers	1-2
Applicable Area Code/VIN/ Engine Number/Transmission Number List	1-6
Identification Number Locations	1-8

Chassis and Engine Numbers

AERO DECK and WAGON

European and KQ models:

Vehicle Identification Number 1HG CE1 7 1 0 0 A 3 00001

Manufacturer, Make and Type of Vehicle _____
 1HG: HONDA OF AMERICA MFG., INC., U.S.A.
 HONDA Passenger car

Line, Body and Engine Type _____
 CE1: ACCORD AERO DECK/F22B5 (European model)
 CE1: ACCORD WAGON/F22B1 (KQ)
 CE2: ACCORD AERO DECK/F20B3

Body Type and Transmission Type _____
 7: 5-door Wagon/5-speed Manual
 8: 5-door Wagon/4-speed Automatic

Vehicle Grade (Series) _____
 1: 2.2i LS
 2: 2.0i LS
 3: 2.0i LS with S/R
 4: 2.2i LS with S/R
 5: 2.0i ES 2.2i ES
 6: 2.2i ES with leather seats 2.0i ES
 7: VTi 2.0i ES with S/R
 8: 2.0i ES with S/R

Fixed Code _____

Auxiliary Number _____

Factory Code _____
 A: Ohio Factory in U.S.A. (Marysville)

Model Year _____
 3: 1997

Serial Number _____

Engine Number F20B3 - 4000001

Engine Type _____
 F20B3: 2.0 l SOHC Sequential Multiport Fuel-injected engine with CATA [European (KG, KE, KS, KZ) models]
 F22B1: 2.2 l SOHC VTEC Sequential Multiport Fuel-injected engine with CATA [Australian (KQ) model]
 F22B5: 2.2 l SOHC Sequential Multiport Fuel-injected engine with CATA [European (KG, KE, KS, KZ) models]

Serial Number _____
 F20B3, F22B5: 4000001~
 F22B1 : 4800001~

Transmission Number P2U5 - 8000001

Transmission Type _____
 P2U5: Manual for F22B1 engine
 P2C4: Manual for F20B3, F22B5 engines
 A0YA: Automatic

Serial Number _____



KY and KK models:

Vehicle Identification Number 1HG CE1 72 *VA 000001

Manufacturer, Make and Type of Vehicle
 1HG: HONDA OF AMERICA MFG., INC., U.S.A.
 HONDA Passenger car

Line, Body and Engine Type
 CE1: ACCORD AERO DECK/
 F22B1, F22B2 and F22B4

Body Type and Transmission Type
 7: 5-door Wagon/5-speed Manual
 8: 5-door Wagon/4-speed Automatic

Vehicle Grade (Series)
 3: EX
 7: 2.2 EX
 8: 2.2 EX, EX-R

Check Digit

Model Year
 V: 1997

Factory Code
 A: Ohio Factory in U.S.A. (Marysville)

Serial Number

Engine Number F22B1 - 4400001

Engine Type
 F22B1: 2.2 l SOHC VTEC Sequential Multiport Fuel-injected engine with CATA
 F22B2: 2.2 l SOHC Sequential Multiport Fuel-injected engine with CATA
 F22B4: 2.2 l SOHC Sequential Multiport Fuel-injected engine without CATA

Serial Number
 F22B1, F22B2: 4400001~
 F22B4: 4100001~

Transmission Number P2C4 - 8000001

Transmission Type
 P2C4: Manual
 A0YA: Automatic

Serial Number

KM model:

Vehicle Identification Number 1HG CE1 73 *TA 67 0001

Manufacturer, Make and Type of Vehicle
 1HG: HONDA OF AMERICA MFG., INC., U.S.A.
 HONDA Passenger car

Line, Body and Engine Type
 CE1: ACCORD AERO DECK/
 F22B1 and F22B2

Body Type and Transmission Type
 7: 5-door Wagon/5-speed Manual
 8: 5-door Wagon/4-speed Automatic

Vehicle Grade (Series)
 3: EX
 8: EX-R

Check Digit

Product Year
 T: 1996
 V: 1997

Factory Code
 A: Ohio Factory in U.S.A. (Marysville)

Destination Code
 6: Brazil

Model Year
 7: 1997

Serial Number

Engine Number F22B1 - 4400001

Engine Type
 F22B1: 2.2 l SOHC VTEC Sequential Multiport Fuel-injected engine with CATA
 F22B2: 2.2 l SOHC Sequential Multiport Fuel-injected engine with CATA

Serial Number

Transmission Number P2A4 - 8000001

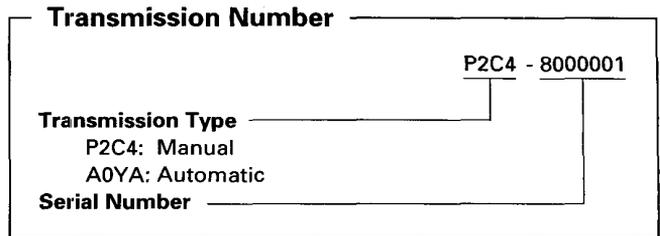
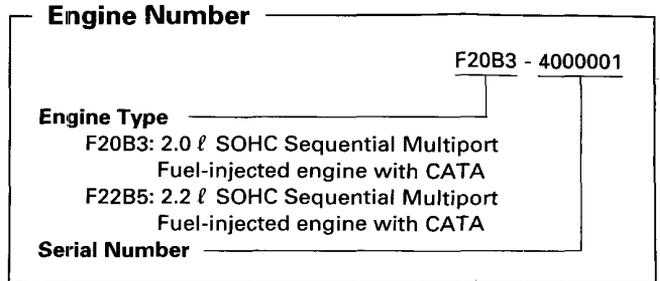
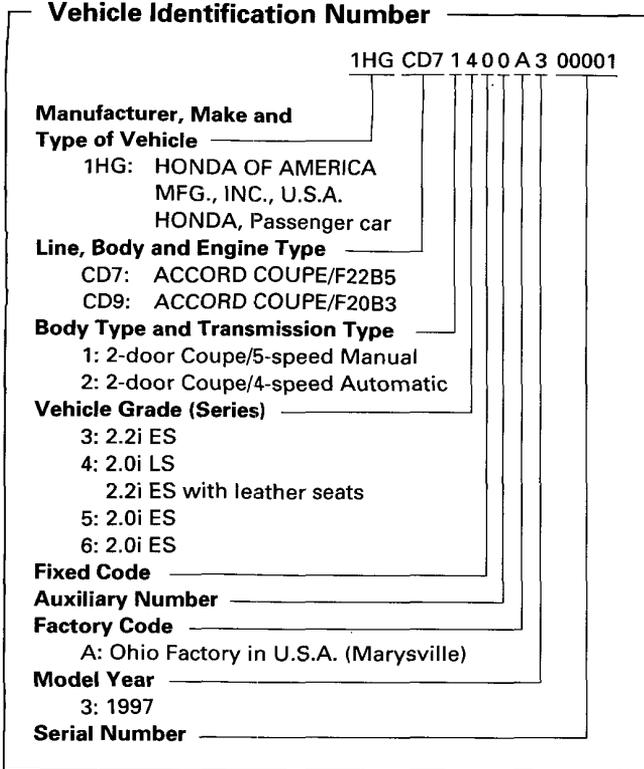
Transmission Type
 P2A4: Manual
 A0YA: Automatic

Serial Number

Chassis and Engine Numbers

Coupe

European Model:





KY, KH and KK models:

Vehicle Identification Number 1HG CD7 22 *VA 000001

Manufacturer, Make and Type of Vehicle
 1HG: HONDA OF AMERICA MFG., INC., U.S.A.
 HONDA Passenger car

Line, Body and Engine Type
 CD7: ACCORD COUPE/F22B1, F22B2 amd F22B4

Body Type and Transmission Type
 1: 2-door Coupe/5-speed Manual
 2: 2-door Coupe/4-speed Automatic

Vehicle Grade (Series)
 1: DX
 2: DX
 5: 2.2 EX, EX, EX-R
 6: 2.2 EX, EX, EX-R

Check Digit

Model Year
 V: 1997

Factory Code
 A: Ohio Factory in U.S.A. (Marysville)

Serial Number

Engine Number F22B1 - 4400001

Engine Type
 F22B1: 2.2 l SOHC VTEC Sequential Multiport Fuel-injected engine with CATA
 F22B2: 2.2 l SOHC Sequential Multiport Fuel-injected engine with CATA
 F22B4: 2.2 l SOHC Sequential Multiport Fuel-injected engine without CATA

Serial Number
 F22B1, F22B2: 4400001~
 F22B4: 4100001~

Transmission Number P2C4 - 8000001

Transmission Type
 P2C4: Manual
 A0YA: Automatic

Serial Number

KM model:

Vehicle Identification Number 1HG CD7 25 *TA 67 0001

Manufacturer, Make and Type of Vehicle
 1HG: HONDA OF AMERICA MFG., INC., U.S.A.
 HONDA Passenger car

Line, Body and Engine Type
 CD7: ACCORD COUPE/F22B1

Body Type and Transmission Type
 1: 2-door Coupe/5-speed Manual
 2: 2-door Coupe/4-speed Automatic

Vehicle Grade (Series)
 5: EX, EX-R
 6: EX, EX-R

Check Digit

Product Year
 T: 1996
 V: 1997

Factory Code
 A: Ohio Factory in U.S.A. (Marysville)

Destination Code
 6: Brazil

Model Year
 7: 1997

Serial Number

Engine Number F22B1 - 4400001

Engine Type
 F22B1: 2.2 l SOHC VTEC Sequential Multiport Fuel-injected engine with CATA

Serial Number

Transmission Number P2U5 - 8000001

Transmission Type
 P2U5: Manual
 A0YA: Automatic

Serial Number

Applicable Area Code/VIN/Engine Number/ Transmission Number List

AERO DECK and WAGON

MODEL	APPLICABLE AREA CODE	GRADE NAME	TRANSMISSION TYPE	VEHICLE IDENTIFICATION NUMBER	ENGINE NUMBER	TRANSMISSION NUMBER
ACCORD AERO DECK	KG	2.0iLS	5MT	1HGCE27200A300001~	F20B3-4000001~	P2C4-8000001~
				1HGCE27300A300001~	F20B3-4000001~	P2C4-8000001~
		2.0iES	5MT	1HGCE27600A300001~	F20B3-4000001~	P2C4-8000001~
				1HGCE27800A300001~	F20B3-4000001~	P2C4-8000001~
			4AT	1HGCE28800A300001~	F20B3-4000001~	A0YA-8000001~
		2.2iES	5MT	1HGCE17500A300001~	F22B5-4000001~	P2C4-8000001~
			4AT	1HGCE18500A300001~	F22B5-4000001~	A0YA-8000001~
		KS	2.0iLS	5MT	1HGCE27200A300001~	F20B3-4000001~
	1HGCE17500A300001~				F22B5-4000001~	P2C4-8000001~
	2.2iES		4AT	1HGCE18500A300001~	F22B5-4000001~	A0YA-8000001~
	KE	2.0iLS	5MT	1HGCE27300A300001~	F20B3-4000001~	P2C4-8000001~
				1HGCE28300A300001~	F20B3-4000001~	A0YA-8000001~
		2.2iES	5MT	1HGCE17600A300001~	F22B5-4000001~	P2C4-8000001~
			4AT	1HGCE18600A300001~	F22B5-4000001~	A0YA-8000001~
ACCORD WAGON	KQ	VTi	5MT	1HGCE17700A300001~	F22B1-4800001~	P2U5-8000001~
			4AT	1HGCE18700A300001~	F22B1-4800001~	A0YA-8000001~
ACCORD AERO DECK	KY	2.2EX	5MT	1HGCE177*VA000001~	F22B4-4100001~	P2C4-8000001~
			4AT	1HGCE187*VA000001~	F22B4-4100001~	A0YA-8000001~
			5MT	1HGCE178*VA000001~	F22B4-4100001~	P2C4-8000001~
			4AT	1HGCE188*VA000001~	F22B4-4100001~	A0YA-8000001~
			4AT	1HGCE183*VA000001~	F22B2-4400001~	A0YA-8000001~
	KK	EX	4AT	1HGCE188*VA000001~	F22B1-4400001~	A0YA-8000001~
		EX-R		1HGCE173*TA670001~	F22B2-4400001~	P2A4-8000001~
	KM	EX	5MT	1HGCE173*TA670001~	F22B2-4400001~	P2A4-8000001~
			4AT	1HGCE183*TA670001~	F22B2-4400001~	A0YA-8000001~
		EX-R	5MT	1HGCE178*TA670001~	F22B1-4400001~	P2A4-8000001~
4AT			1HGCE188*TA670001~	F22B1-4400001~	A0YA-8000001~	



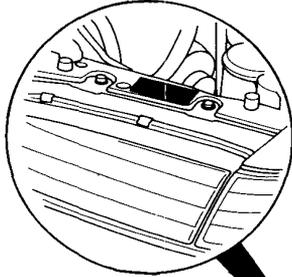
Coupe

MODEL	APPLICABLE AREA CODE	GRADE NAME	TRANSMISSION TYPE	VEHICLE IDENTIFICATION NUMBER	ENGINE NUMBER	TRANSMISSION NUMBER
ACCORD COUPE	KG	2.0iES	5MT	1HGCD91400A300001~	F20B3-4000001~	P2C4-8000001~
			4AT	1HGCD92400A300001~	F20B3-4000001~	A0YA-8000001~
			5MT	1HGCD91500A300001~	F20B3-4000001~	P2C4-8000001~
				1HGCD91600A300001~	F20B3-4000001~	P2C4-8000001~
			4AT	1HGCD92500A300001~	F20B3-4000001~	A0YA-8000001~
		1HGCD92600A300001~		F20B3-4000001~	A0YA-8000001~	
		2.2iES	5MT	1HGCD71300A300001~	F22B5-4000001~	P2C4-8000001~
			4AT	1HGCD72300A300001~	F22B5-4000001~	A0YA-8000001~
			5MT	1HGCD71400A300001~	F22B5-4000001~	P2C4-8000001~
			4AT	1HGCD72400A300001~	F22B5-4000001~	A0YA-8000001~
	KE	2.0iLS	5MT	1HGCD91400A300001~	F20B3-4000001~	P2C4-8000001~
			4AT	1HGCD92400A300001~	F20B3-4000001~	A0YA-8000001~
		2.2iES	5MT	1HGCD71400A300001~	F22B5-4000001~	P2C4-8000001~
			4AT	1HGCD72400A300001~	F22B5-4000001~	A0YA-8000001~
	KY	2.2EX	5MT	1HGCD715*VA000001~	F22B4-4100001~	P2C4-8000001~
			4AT	1HGCD725*VA000001~	F22B4-4100001~	A0YA-8000001~
			5MT	1HGCD716*VA000001~	F22B4-4100001~	P2C4-8000001~
			4AT	1HGCD726*VA000001~	F22B4-4100001~	A0YA-8000001~
	KH	DX	4AT	1HGCD721*VA000001~	F22B2-4400001~	A0YA-8000001~
				1HGCD722*VA000001~	F22B2-4400001~	A0YA-8000001~
		EX		1HGCD725*VA000001~	F22B1-4400001~	A0YA-8000001~
				1HGCD726*VA000001~	F22B1-4400001~	A0YA-8000001~
	KK	EX-R	4AT	1HGCD725*VA000001~	F22B1-4400001~	A0YA-8000001~
				1HGCD726*VA000001~	F22B1-4400001~	A0YA-8000001~
	KM	EX-R	5MT	1HGCD715*TA670001~	F22B1-4400001~	P2U5-8000001~
			4AT	1HGCD725*TA670001~	F22B1-4400001~	A0YA-8000001~
			5MT	1HGCD716*TA670001~	F22B1-4400001~	P2U5-8000001~
			4AT	1HGCD726*TA670001~	F22B1-4400001~	A0YA-8000001~

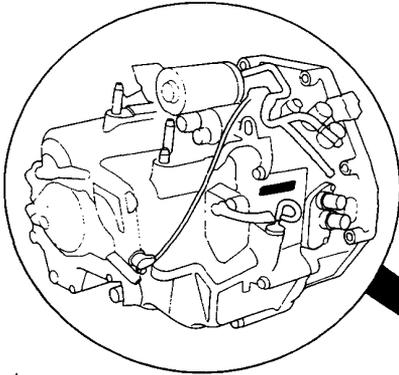
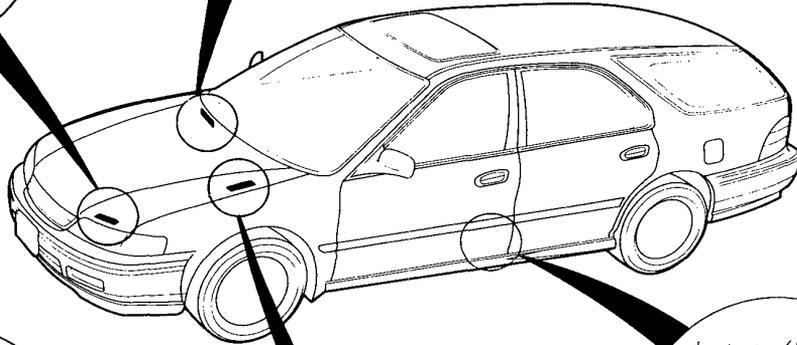
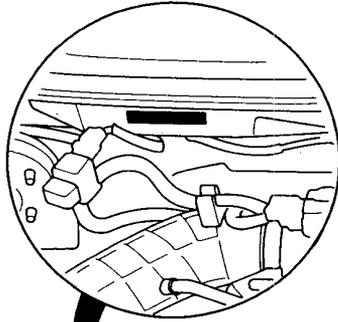
Identification Number Locations

AERO DECK and WAGON:

Built Date and Vehicle Type (KQ model)

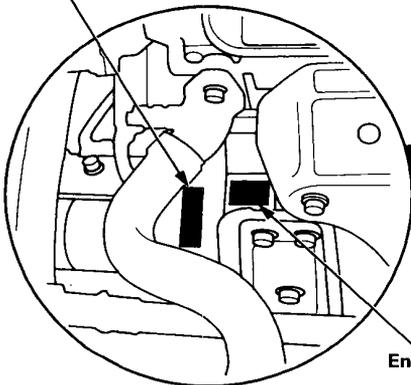


Vehicle Identification Number (VIN)

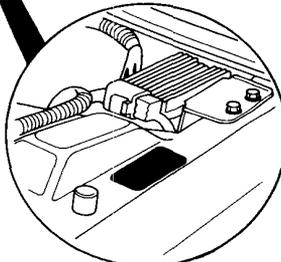


Transmission Number (Automatic)

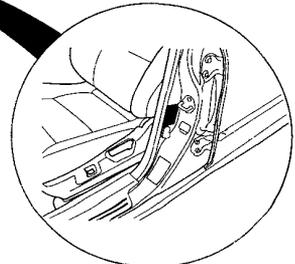
Transmission Number (Manual)



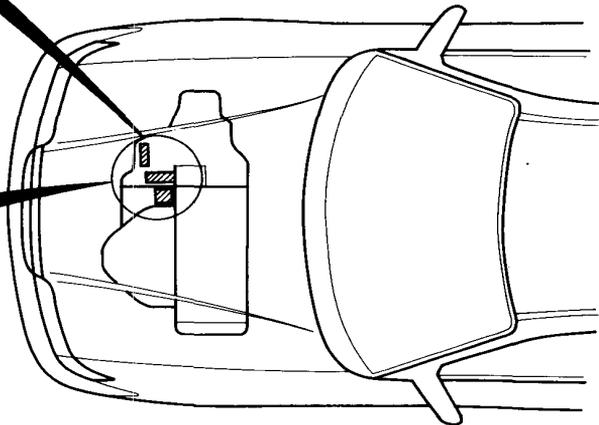
Engine Number

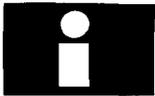


VIN and Engine Number (European models)



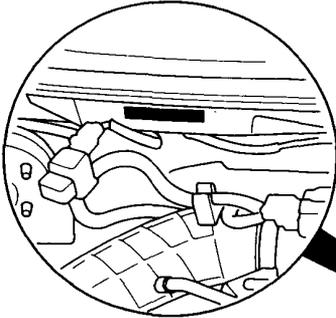
Certification Plate (KY, KK, KM models)



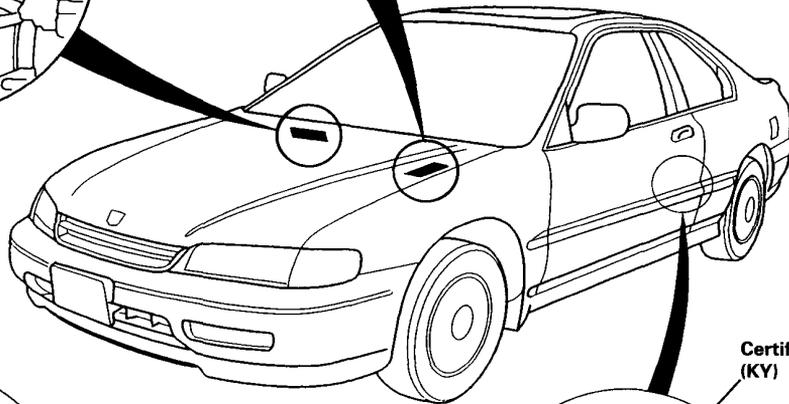
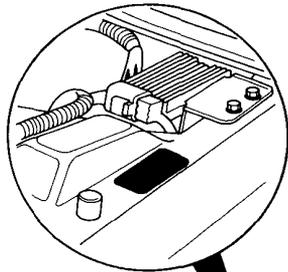


Coupe:

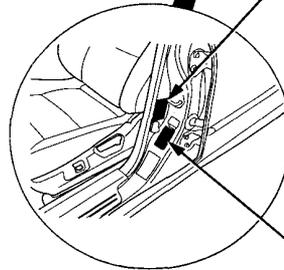
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Number (VIN)**



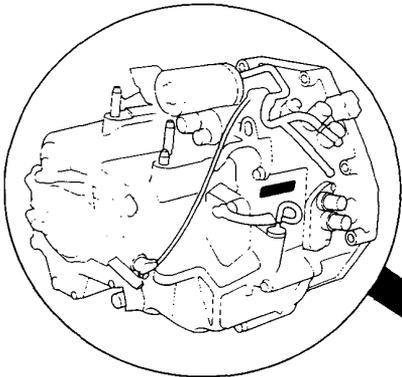
**VIN and Engine
Number (European models)**



**Certification Plate
(KY)**

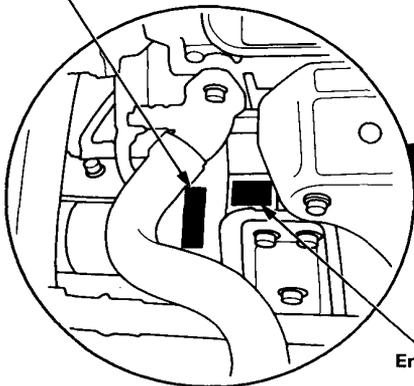


**Certification Plate
(KH, KK, KM)**

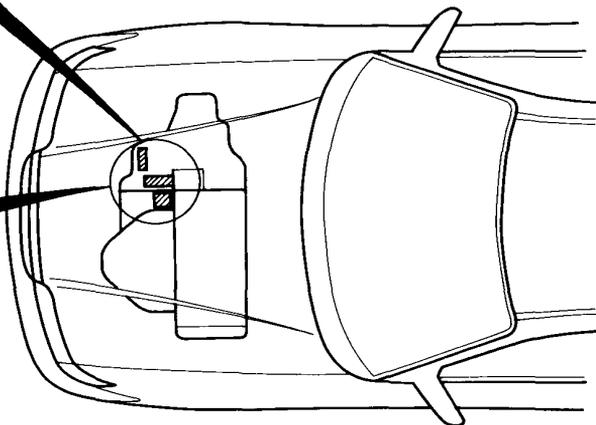


**Transmission Number
(Automatic)**

**Transmission Number
(Manual)**



Engine Number



Specifications

Standards and Service Limits	3-2
Design Specifications	3-13
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Standards and Service Limits

Cylinder Head/Valve Train — Section 6

		MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT
Compression	200 rpm (min^{-1}) and wide open throttle kPa (kgf/cm ² , psi)	Nominal Minimum Maximum variation	1,230 (12.5, 178) 930 (9.5, 135) 200 (2.0, 28)	
Cylinder head	Warpage Height		99.95 – 100.05 (3.935 – 3.939)	0.05 (0.002)
Camshaft	End play		0.05 – 0.15 (0.002 – 0.006)	0.5 (0.02)
	Camshaft-to-holder oil clearance		0.050 – 0.089 (0.0020 – 0.0035)	0.15 (0.006)
	Total runout		0.03 (0.001) max.	0.04 (0.002)
	Cam lobe height F22B1 engine	IN Primary Mid Secondary	37.775 (1.4872)	_____
			39.725 (1.5640)	_____
			34.481 (1.3575)	_____
	F22B2 engine	EX	38.366 (1.5105)	_____
		IN	38.526 (1.5168)	_____
	F22B5 engine	EX	38.778 (1.5267)	_____
		IN	39.165 (1.5420)	_____
F20B3 engine	EX	39.356 (1.5494)	_____	
	IN	38.741 (1.5252)	_____	
Valve	Valve clearance (Cold)	IN	0.24 – 0.28 (0.009 – 0.011)	_____
		EX	0.28 – 0.32 (0.011 – 0.013)	_____
	Valve stem O.D.	IN	5.485 – 5.495 (0.2159 – 0.2163)	5.455 (0.2148)
		EX	5.450 – 5.460 (0.2146 – 0.2150)	5.420 (0.2134)
	Stem-to-guide clearance	IN	0.020 – 0.045 (0.0008 – 0.0018)	0.08 (0.003)
		EX	0.055 – 0.080 (0.0022 – 0.0031)	0.12 (0.005)
Valve seat	Width	IN	1.25 – 1.55 (0.049 – 0.061)	2.00 (0.079)
		EX	1.25 – 1.55 (0.049 – 0.061)	2.00 (0.079)
	Stem installed height F22B1 engine	IN	46.75 – 47.55 (1.841 – 1.872)	47.80 (1.882)
		EX	46.68 – 47.48 (1.838 – 1.869)	47.73 (1.879)
		IN Except F22B1 engine	48.08 – 48.88 (1.893 – 1.924)	49.13 (1.934)
			EX	50.15 – 50.95 (1.974 – 2.006)
Valve spring	Free length F22B1 engine	IN	51.08 (2.011)	_____
		EX	55.58 (2.188)	_____
	F22B2 engine	IN	54.82 (2.158)	_____
		EX	56.28 (2.216)	_____
	F20B3 engine	IN	53.42 (2.103)	_____
		EX	54.66 (2.152)	_____
	F22B5 engine	IN	53.16 (2.093)*1	_____
		EX	55.80 (2.197)*1	_____
		EX	55.78 (2.196)*2	_____
Valve guide	I.D.	IN	5.515 – 5.530 (0.2171 – 0.2177)	5.55 (0.219)
		EX	5.515 – 5.530 (0.2171 – 0.2177)	5.55 (0.219)
	Installed height F22B1 engine	IN	21.20 – 22.20 (0.835 – 0.874)	_____
		EX	20.63 – 21.63 (0.812 – 0.852)	_____
		IN Except F22B1 engine	23.50 – 24.50 (0.925 – 0.965)	_____
			EX	14.80 – 15.80 (0.583 – 0.622)
Rocker arm	Arm-to-shaft clearance F22B1 engine	IN	0.026 – 0.067 (0.0010 – 0.0026)	0.08 (0.003)
		EX	0.018 – 0.054 (0.0007 – 0.0021)	0.08 (0.003)
		IN Except F22B1 engine	0.017 – 0.050 (0.0007 – 0.0020)	0.08 (0.003)
			EX	0.018 – 0.054 (0.0007 – 0.0021)

*1: CHUO HATSUJO manufactured valve spring

*2: NIHON HATSUJO manufactured valve spring

Engine Block — Section 7

	MEASUREMENT		STANDARD (NEW)	SERVICE LIMIT	
Cylinder block	Warpage of deck surface		0.07 (0.003) max.	0.10 (0.004)	
	Bore diameter	A or I	85.010 – 85.020 (3.3468 – 3.3472)	85.070 (3.3492)	
		B or II	85.000 – 85.010 (3.3465 – 3.3468)	85.070 (3.3492)	
	Bore taper		—	0.05 (0.002)	
Reboring limit		—	0.5 (0.02)		
Piston	Skirt O.D. [at 21 mm (0.8 in) from bottom of skirt]	No letter	84.980 – 84.990 (3.3457 – 3.3461)	84.970 (3.3453)	
		Letter B	84.970 – 84.980 (3.3453 – 3.3457)	84.960 (3.3449)	
	Clearance in cylinder		0.020 – 0.040 (0.0008 – 0.0016)	0.05 (0.002)	
	Groove width (For ring)	Top	1.220 – 1.230 (0.0480 – 0.0484)	1.25 (0.049)	
		Second	1.220 – 1.230 (0.0480 – 0.0484)	1.25 (0.049)	
Oil		2.805 – 2.825 (0.1104 – 0.1112)	2.85 (0.112)		
Piston ring	Ring-to-groove clearance	Top	0.035 – 0.060 (0.0014 – 0.0024)	0.13 (0.005)	
		Second	0.030 – 0.055 (0.0012 – 0.0022)	0.13 (0.005)	
	Ring end gap	Top	0.20 – 0.35 (0.008 – 0.014)	0.60 (0.024)	
		Second	0.40 – 0.55 (0.016 – 0.022)	0.70 (0.028)	
Oil		0.20 – 0.70 (0.008 – 0.028)	0.80 (0.031)		
Piston pin	O.D.		21.994 – 22.000 (0.8659 – 0.8661)	—	
	Pin-to-piston clearance		0.010 – 0.022 (0.0004 – 0.0009)	—	
Connecting rod	Pin-to-rod interference		0.013 – 0.032 (0.0005 – 0.0013)	—	
	Small end bore diameter		21.968 – 21.981 (0.8649 – 0.8654)	—	
	Large end bore diameter			—	
	Nominal	Except F20B3 engine	51.0 (2.01)	—	
		F20B3 engine	48.0 (1.89)	—	
End play installed on crankshaft		0.15 – 0.30 (0.006 – 0.012)	0.40 (0.016)		
Crankshaft	Main journal diameter	No. 1 and 4 journals	49.984 – 50.008 (1.9679 – 1.9688)	—	
		No. 2 journal	49.976 – 50.000 (1.9676 – 1.9685)	—	
		No. 3 journal	49.972 – 49.996 (1.9674 – 1.9683)	—	
		No. 5 journal	49.988 – 50.012 (1.9680 – 1.9690)	—	
		Rod journal diameter		—	
	Except F20B3 engine		47.976 – 48.000 (1.8888 – 1.8898)	—	
	F20B3 engine		44.976 – 45.000 (1.7707 – 1.7717)	—	
	Taper		0.005 (0.0002) max.	0.006 (0.0002)	
	Out-of-round		0.005 (0.0002) max.	0.006 (0.0002)	
	End play		0.10 – 0.35 (0.004 – 0.014)	0.45 (0.018)	
Runout		0.03 (0.001) max.	0.04 (0.002)		
Bearings	Main bearing-to-journal oil clearance		No. 1 and 4 journals	0.013 – 0.037 (0.0005 – 0.0015)	0.050 (0.0020)
			No. 2 journal	0.021 – 0.045 (0.0008 – 0.0018)	0.050 (0.0020)
			No. 3 journal	0.025 – 0.049 (0.0010 – 0.0019)	0.055 (0.0022)
			No. 5 journal	0.009 – 0.033 (0.0004 – 0.0013)	0.040 (0.0016)
			Rod bearing-to-journal oil clearance		—
	Except F20B3 engine		0.021 – 0.049 (0.0008 – 0.0019)	0.060 (0.0024)	
F20B3 engine		0.015 – 0.043 (0.0006 – 0.0017)	0.050 (0.0020)		
Balancer shaft	Journal diameter	No. 1 front journal	42.722 – 42.734 (1.6820 – 1.6824)	42.71 (1.681)	
		No. 1 rear journal	20.938 – 20.950 (0.8243 – 0.8248)	20.92 (0.824)	
		No. 2 front and rear journals	38.712 – 38.724 (1.5241 – 1.5246)	38.70 (1.524)	
		No. 3 front and rear journals	34.722 – 34.734 (1.3670 – 1.3675)	34.71 (1.367)	
		Journal taper		0.005 (0.0002)	—
	End play	Front	0.10 – 0.40 (0.004 – 0.016)	—	
		Rear	0.04 – 0.15 (0.002 – 0.006)	—	
	Total runout		0.02 (0.001)	0.03 (0.001)	
	Shaft-to-bearing oil clearance		No. 1 front, No. 3 front and rear journals	0.066 – 0.098 (0.0026 – 0.0039)	0.12 (0.005)
			No. 1 rear journal	0.050 – 0.075 (0.0020 – 0.0030)	0.09 (0.004)
No. 2 front and rear journals			0.076 – 0.108 (0.0030 – 0.0043)	0.13 (0.005)	

Standards and Service Limits

Engine Block — Section 7

	MEASUREMENT		STANDARD (NEW)	SERVICE LIMIT
Balancer shaft bearing	I.D.	No. 1 front journal	42.800 – 42.820 (1.6850 – 1.6858)	42.83 (1.686)
		No. 1 rear journal	21.000 – 21.013 (0.8268 – 0.8273)	21.02 (0.828)
		No. 2 front and rear journals	38.800 – 38.820 (1.5276 – 1.5283)	38.83 (1.529)
		No. 3 front and rear journals	34.800 – 34.820 (1.3701 – 1.3709)	34.83 (1.371)

Engine Lubrication — Section 8

	MEASUREMENT		STANDARD (NEW)	SERVICE LIMIT
Engine oil	Capacity ℓ (US qt, Imp qt)	F22B1 engine	5.6 (5.9, 4.9) for engine overhaul 4.3 (4.5, 3.8) for oil change, including filter 4.0 (4.2, 3.5) for oil change, without filter	
		Except F22B1 engine	4.9 (5.2, 4.3) for engine overhaul 3.8 (4.0, 3.3) for oil change, including filter 3.5 (3.7, 3.1) for oil change, without filter	
Oil pump	Inner-to-outer rotor clearance		0.02 – 0.16 (0.001 – 0.006)	0.20 (0.008)
	Pump housing-to-outer rotor clearance		0.10 – 0.19 (0.004 – 0.007)	0.21 (0.008)
	Pump housing-to-rotor axial clearance		0.02 – 0.07 (0.001 – 0.003)	0.12 (0.005)
Relief valve	Pressure setting at engine oil temp. 80°C (176°F)			
	kPa (kgf/cm ² , psi)	at idle at 3,000 rpm (min ⁻¹)	69 (0.7, 10) min. 340 (3.5, 50) min.	

Cooling — Section 10

	MEASUREMENT	STANDARD (NEW)
Radiator	Coolant capacity ℓ (US qt, Imp qt) [Including engine, heater, cooling line and reservoir]	M/T: 6.9 (7.4, 6.1) for overhaul : 5.4 (5.7, 4.8) for coolant change
	Reservoir capacity: 0.6 ℓ (0.63 US qt, 0.53 Imp qt)	A/T: 6.8 (7.3, 6.0) for overhaul : 5.3 (5.6, 4.7) for coolant change
Radiator cap	Opening pressure kPa (kgf/cm ² , psi)	93 – 123 (0.95 – 1.25, 14 – 18)
Thermostat	Start to open °C (°F)	70 – 80 (169 – 176)
	Fully open °C (°F)	90 (194)
	Valve lift at fully open	8.0 (0.31) min.
Cooling fan	Thermoswitch "ON" temperature °C (°F)	90 – 96 (194 – 205)
	Thermoswitch "OFF" temperature °C (°F)	Subtract 2 – 7 (4 – 13) from actual "ON" temperature
	Fan timer "ON" temperature °C (°F)	103 – 109 (217 – 228)
	Fan timer "OFF" temperature °C (°F)	Subtract 4 – 9 (7 – 16) from actual "ON" temperature

Fuel and Emissions — Section 11

	MEASUREMENT	STANDARD (NEW)
Pressure regulator	Pressure with regulator vacuum hose disconnected kPa (kgf/cm ² , psi)	260 – 310 (2.7 – 3.2, 38 – 46)
Fuel tank	Capacity ℓ (US gal, Imp gal)	64.5 (17.1, 14.2)
Engine	Idle speed with headlight and cooling fan off rpm (min ⁻¹)	Except KH model: 770 ± 50 (M/T: neutral) 770 ± 50 (A/T: N or P position) KH model: 700 ± 50 (M/T: neutral) 700 ± 50 (A/T: N or P position)
Engine	Fast idle rpm (min ⁻¹)	1,400 ± 200 (M/T: neutral) 1,400 ± 200 (A/T: N or P position)
Engine	Idle CO %	Except KY model: 0.1 max. KY model: 1.0 ± 1.0 %

Clutch — Section 12

	MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT
Clutch pedal	Pedal height to floor	RHD: 209 (8 1/4), LHD: 184 (7 1/4)	—
	Stroke	142.5 – 152.5 (5.6 – 6.0)	—
	Pedal play	9 – 15 (0.4 – 0.6)	—
	Disengagement height to floor	RHD: 99 (3.9) min. LHD: 74 (2.9) min.	—
Flywheel	Clutch surface runout	0.05 (0.002) max.	0.15 (0.006)
Clutch disc	Rivet head depth	1.3 – 1.9 (0.05 – 0.07)	0.2 (0.01)
	Thickness	8.4 – 9.0 (0.33 – 0.35)	6.0 (0.24)
Pressure plate	Warpage	0.03 (0.001) max.	0.15 (0.006)
	Diaphragm spring finger alignment	0.6 (0.02) max.	0.8 (0.03)

Manual Transmission — Section 13

	MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT
Transmission oil	Capacity ℓ (US qt, Imp qt)	1.9 (2.0, 1.7) for oil change 2.0 (2.1, 1.8) for overhaul	
Mainshaft	End play	0.10 – 0.16 (0.004 – 0.006)	Adjust
	Diameter of ball bearing contact area	27.977 – 27.990 (1.1015 – 1.1020)	27.94 (1.100)
	Diameter of needle bearing contact area	37.984 – 38.000 (1.4954 – 1.4961)	37.93 (1.493)
	Diameter of ball bearing contact area	27.987 – 28.000 (1.1018 – 1.1024)	27.94 (1.100)
	Runout	0.02 (0.001) max.	0.05 (0.002)
Mainshaft 3rd and 4th gears	I.D.	43.009 – 43.025 (1.6933 – 1.6939)	43.080 (1.6961)
	End play	0.06 – 0.21 (0.002 – 0.008)	0.30 (0.012)
	Thickness 3rd gear 4th gear	32.42 – 32.47 (1.276 – 1.278) 30.92 – 30.97 (1.217 – 1.219)	32.3 (1.27) 30.8 (1.21)
Mainshaft 5th gear	I.D.	43.009 – 43.025 (1.6933 – 1.6939)	43.080 (1.6961)
	End play	0.06 – 0.21 (0.002 – 0.008)	0.30 (0.012)
	Thickness	30.92 – 30.97 (1.217 – 1.219)	30.8 (1.21)
Countershaft	Diameter of needle bearing contact area	38.000 – 38.015 (1.4961 – 1.4967)	37.95 (1.494)
	Diameter of ball bearing and needle bearing contact area	24.987 – 25.000 (0.9837 – 0.9843)	24.94 (0.982)
	Diameter of 1st gear contact area	39.984 – 40.000 (1.5742 – 1.5748)	39.93 (1.572)
	Runout	0.02 (0.001) max.	0.05 (0.002)
Countershaft 1st gear	I.D.	46.009 – 46.025 (1.8114 – 1.8120)	46.08 (1.814)
	End play	0.06 – 0.23 (0.002 – 0.009)	0.23 (0.009)
Countershaft 2nd gear	I.D.	47.009 – 47.025 (1.8507 – 1.8514)	47.08 (1.854)
	End play	P2C4 P2A4, P2U5 0.05 – 0.10 (0.002 – 0.004)	0.18 (0.007)
	Thickness	P2C4 P2A4, P2U5 0.05 – 0.17 (0.002 – 0.007)	0.18 (0.007)
		P2C4 P2A4, P2U5 28.92 – 28.97 (1.139 – 1.141)	—
		34.62 – 34.67 (1.363 – 1.365)	—

(cont'd)

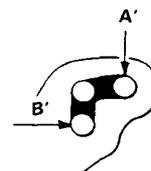
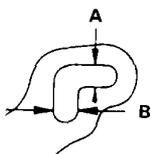
Standards and Service Limits

Manual Transmission — Section 13 (cont'd)

	MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT	
Spacer collar (Countershaft 2nd gear)	I.D.	36.48 – 36.49 (1.4362 – 1.4366)	36.50 (1.437)	
	O.D.	41.989 – 42.000 (1.6531 – 1.6535)	41.94 (1.652)	
	Length	29.02 – 29.04 (1.1425 – 1.1433)	—	
Spacer collar (Mainshaft 4th and 5th gears)	I.D.	31.002 – 31.012 (1.2205 – 1.2209)	31.06 (1.223)	
	O.D.	37.989 – 38.000 (1.4956 – 1.4961)	37.94 (1.494)	
	Length	A	56.45 – 56.55 (2.222 – 2.226)	—
		B	26.03 – 26.08 (1.025 – 1.027)	26.01 (1.024)
Reverse idler gear	I.D.	20.016 – 20.043 (0.7880 – 0.7891)	20.09 (0.7909)	
	Gear-to-reverse gear shaft clearance	0.036 – 0.084 (0.0014 – 0.0033)	0.160 (0.0063)	
Synchro ring	Ring-to-gear clearance (ring pushed against gear)	0.85 – 1.10 (0.033 – 0.043)	0.40 (0.016)	
Double cone synchro	Clearance (ring pushed against gear)	0.95 – 1.68 (0.037 – 0.066)	0.6 (0.02)	
	Outer synchro ring-to-gear	0.5 – 1.0 (0.02 – 0.04)	0.3 (0.01)	
	Synchro cone-to-gear	0.5 – 1.0 (0.02 – 0.04)	0.3 (0.01)	
	Outer synchro ring-to-synchro cone	0.5 – 1.0 (0.02 – 0.04)	0.3 (0.01)	
Shift fork	Finger thickness	3rd/4th shift fork 7.4 – 7.6 (0.29 – 0.30)	—	
	Fork-to-synchro sleeve clearance	Except above	6.2 – 6.4 (0.24 – 0.25)	
			0.35 – 0.65 (0.014 – 0.026)	1.0 (0.039)
Reverse shift fork	Pawl groove width	13.0 – 13.3 (0.51 – 0.52)	—	
	Fork-to-reverse idler gear clearance	0.5 – 1.1 (0.02 – 0.04)	1.8 (0.07)	
	Groove width*1	at A	7.05 – 7.25 (0.278 – 0.285)	—
		at B	7.4 – 7.7 (0.29 – 0.30)	—
	Fork-to-5th/reverse shift shaft clearance*2	at A'	0.05 – 0.35 (0.002 – 0.014)	0.5 (0.02)
at B'		0.4 – 0.8 (0.02 – 0.03)	1.0 (0.04)	
Shift arm	I.D.	15.973 – 16.000 (0.6289 – 0.6299)	—	
	Shift arm-to-shaft clearance	0.005 – 0.059 (0.0002 – 0.0023)	—	
	Shift fork diameter at contact area	12.9 – 13.0 (0.508 – 0.512)	—	
	Shift arm-to-shift fork shaft clearance	0.2 – 0.5 (0.008 – 0.020)	0.6 (0.024)	
Select lever	Shaft outer diameter	15.941 – 15.968 (0.6276 – 0.6287)	—	
	Shift arm cover clearance	0.032 – 0.102 (0.0013 – 0.0040)	—	
Shift lever	O.D.	15.941 – 15.968 (0.6276 – 0.6287)	—	
	Transmission housing clearance	0.012 – 0.122 (0.0005 – 0.0048)	—	
Interlock	Bore diameter	16.00 – 16.05 (0.630 – 0.632)	—	
	Shift arm clearance	0.032 – 0.109 (0.0013 – 0.0043)	—	

*1: Measuring points

*2: Measuring points



Automatic Transmission — Section 14

	MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT
Transmission fluid	Capacity ℓ (US qt, Imp qt)	6.0 (6.3, 5.3) for overhaul 2.4 (2.5, 2.1) for fluid change	
Hydraulic pressure kPa (kgf/cm ² , psi)	Line pressure at 2,000 rpm (min ⁻¹) in N or P position	830 (8.5, 120) throttle fully closed 880 (9.0, 130) throttle more than 2/8 open	780 (8.0, 110) throttle more than 2/8 open
	4th clutch pressure at 2,000 rpm (min ⁻¹) in D4 position	520 (5.3, 75) throttle fully closed 880 (9.0, 130) throttle more than 2/8 open	460 (4.7, 67) throttle fully closed 780 (8.0, 110) throttle more than 2/8 open
	3rd and 2nd clutch pressure at 2,000 rpm (min ⁻¹) in D4 position	490 (5.0, 71) throttle fully closed 880 (9.0, 130) throttle more than 2/8 open	440 (4.5, 64) throttle fully closed 780 (8.0, 110) throttle more than 2/8 open
	2nd clutch pressure at 2,000 rpm (min ⁻¹) in Z position	830 – 880 (8.5 – 9.0, 120 – 130)	780 (8.0, 110)
	1st and 1st-hold clutch pressure at 2,000 rpm in 1 position	830 – 880 (8.5 – 9.0, 120 – 130)	780 (8.0, 110)
	Throttle B pressure	Throttle fully closed Throttle fully open	0 (0, 0) 830 – 880 (8.5 – 9.0, 120 – 130)
Stall speed rpm (min ⁻¹) (Check with car on level ground)	F20B3 engine F22B1, F22B2 and F22B5 engines	2,550 2,650	2,400 – 2,700 2,500 – 2,800

(cont'd)

Standards and Service Limits

Automatic Transmission — Section 14 (cont'd)

	MEASUREMENT		STANDARD (NEW)	SERVICE LIMIT	
Clutch	Clutch initial clearance	1st-hold	0.80 - 1.00 (0.031 - 0.039)	—	
		1st, 2nd 3rd, 4th	0.65 - 0.85 (0.026 - 0.033) 0.4 - 0.6 (0.016 - 0.024)	— —	
	Clutch return spring free length	1st, 2nd, 3rd, 4th	33.5 (1.32)	31.5 (1.24)	
	Clutch disc thickness		1.88 - 2.00 (0.074 - 0.079)	Until grooves worn out.	
	Clutch plate thickness	1st	1.95 - 2.05 (0.077 - 0.081)	Discoloration	
		2nd	2.55 - 2.65 (0.100 - 0.104)	Discoloration	
		3rd, 4th	2.25 - 2.35 (0.089 - 0.093)	Discoloration	
		1st-hold	1.55 - 1.65 (0.061 - 0.065)	Discoloration	
	Clutch end plate thickness	Mark 1	2.05 - 2.10 (0.081 - 0.083)	Discoloration ↑ ↓ Discoloration	
		Mark 2	2.15 - 2.20 (0.085 - 0.087)		
		Mark 3	2.25 - 2.30 (0.089 - 0.091)		
		Mark 4	2.35 - 2.40 (0.093 - 0.094)		
		Mark 5	2.45 - 2.50 (0.096 - 0.098)		
		Mark 6	2.55 - 2.60 (0.100 - 0.102)		
		Mark 7	2.65 - 2.70 (0.104 - 0.106)		
		Mark 8	2.75 - 2.80 (0.108 - 0.110)		
		Mark 9	2.85 - 2.90 (0.112 - 0.114)		
Valve body	Stator shaft needle bearing contact I.D.	Torque converter side	27.000 - 27.021 (1.0630 - 1.1638)	Wear or damage	
		Oil pump side	29.000 - 29.013 (1.1417 - 1.1422)		
	Oil pump gear thrust clearance		0.03 - 0.05 (0.001 - 0.002)	0.07 (0.003)	
	Oil pump gear to-body clearance	Drive Driven	0.210 - 0.265 (0.0083 - 0.0104) 0.070 - 0.125 (0.0028 - 0.0049)	— —	
	Oil pump driven gear I.D.		14.016 - 14.034 (0.5518 - 0.5525)	Wear or damage	
	Oil pump shaft O.D.		13.980 - 13.990 (0.5504 - 0.5508)	Wear or damage	
Shifting device, parking brake and throttle control system	Reverse shift fork finger thickness		5.90 - 6.00 (0.232 - 0.236)	5.40 (0.213)	
	Parking brake pawl		—	Wear or other defect	
	Parking brake gear		—		
	Throttle cam stopper height		17.0 - 17.1 (0.669 - 0.673)	—	
Servo body	Shift fork shaft bore I.D.		14.000 - 14.005 (0.5512 - 0.5514)	—	
			14.006 - 14.010 (0.5514 - 0.5516)	—	
		14.011 - 14.015 (0.5516 - 0.5518)	—		
	Shift fork shaft valve bore I.D.		37.000 - 37.039 (1.4567 - 1.4582)	37.045 (1.4585)	
Regulator valve body	Sealing ring contact I.D.		35.000 - 35.025 (1.3780 - 1.3789)	35.05 (1.3799)	
Accumulator body	Sealing ring contact I.D.		32.000 - 32.013 (1.2598 - 1.2604)	32.050 (1.2618)	
Stator shaft	Sealing ring contact I.D.		29.000 - 29.013 (1.1417 - 1.1422)	29.050 (1.1437)	
Transmission	Diameter of needle bearing contact area	On mainshaft of stator shaft	22.984 - 23.000 (0.9049 - 0.9055)	Wear or damage ↑ ↓ Wear or damage	
		On mainshaft of 3rd gear collar	45.984 - 46.000 (1.8104 - 1.8110)		
		On mainshaft of 4th gear collar	31.984 - 32.000 (1.2592 - 1.2598)		
		On countershaft of 1st gear collar	40.984 - 41.000 (1.6135 - 1.6142)		
		On countershaft of 4th gear	31.975 - 31.991 (1.2589 - 1.2595)		
		On countershaft of parking gear	39.984 - 40.000 (1.5742 - 1.5748)		
		On countershaft of reverse gear	35.979 - 36.000 (1.4165 - 1.4173)		
		On secondary shaft of 1st gear	31.975 - 31.991 (1.2589 - 1.2595)		
		On secondary shaft of 2nd gear	31.975 - 31.991 (1.2589 - 1.2595)		
		On reverse idler gear shaft	14.99 - 15.00 (0.5902 - 0.5906)		
		Inside diameter	Mainshaft 3rd gear		52.000 - 52.019 (2.0472 - 2.0480)
			Mainshaft 4th gear		38.005 - 38.021 (1.4963 - 1.4969)
			Countershaft 1st gear		47.000 - 47.016 (1.8504 - 1.8510)
	Countershaft 4th gear		38.000 - 38.016 (1.4961 - 1.4967)		
	Countershaft reverse gear		42.000 - 42.016 (1.6535 - 1.6542)		
	Countershaft idler gear		48.000 - 48.016 (1.8898 - 1.8904)		
	Secondary shaft 1st gear		36.000 - 36.016 (1.4173 - 1.4179)		
	Secondary shaft 2nd gear	37.000 - 37.016 (1.4567 - 1.4573)			
	Reverse idler gear	20.007 - 20.020 (0.7877 - 0.7881)			
	Reverse idler gear shaft holder	14.800 - 14.824 (0.5827 - 0.5836)			

Automatic Transmission — Section 14

	MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT
Transmission (cont'd)	Mainshaft 3rd gear collar length	19.50 – 19.55 (0.768 – 0.770)	Wear or damage ↑ ↓ Wear or damage
	Mainshaft 4th gear collar length	47.50 – 47.55 (1.870 – 1.872)	
	Countershaft 1st gear collar length	27.50 – 27.55 (1.083 – 1.085)	
	Thrust washer thickness		
	Countershaft 1st gear	1.45 – 1.50 (0.057 – 0.059)	
	Countershaft idler gear	3.45 – 3.55 (0.136 – 0.140)	
	Countershaft parking gear length	25.030 – 25.048 (0.9854 – 0.9861)	
	Secondary shaft 1st gear distance collar length	4.95 – 5.00 (0.195 – 0.197)	
	Secondary shaft 2nd gear thrust washer thickness	4.35 – 4.45 (0.1713 – 0.1752)	
	Secondary shaft 2nd gear spline washer thickness	4.02 – 4.05 (0.158 – 0.159) 4.07 – 4.10 (0.160 – 0.161) 4.12 – 4.15 (0.162 – 0.163) 4.17 – 4.20 (0.164 – 0.165) 4.22 – 4.25 (0.166 – 0.167) 4.27 – 4.30 (0.168 – 0.169) 4.32 – 4.35 (0.170 – 0.171) 4.37 – 4.40 (0.172 – 0.173) 4.42 – 4.45 (0.174 – 0.175)	

	MEASUREMENT	STANDARD (NEW)			
		Wire Dia.	O.D.	Free Length	No. of Coils
Spring	Regulator valve spring A	1.8 (0.071)	14.7 (0.579)	87.8 (3.457)	16.5
	Regulator valve spring B	1.8 (0.071)	*6.0 (0.236)	44.0 (1.732)	12.7
	Stator reaction spring	4.5 (0.177)	35.4 (1.394)	30.3 (1.193)	1.92
	Torque converter check valve spring	1.1 (0.043)	8.4 (0.331)	38.2 (1.504)	14.0
	Relief valve spring	1.0 (0.039)	8.4 (0.331)	39.1 (1.539)	15.1
	Cooler relief valve spring	1.0 (0.039)	8.4 (0.331)	46.8 (1.843)	10.8
	2nd orifice control valve spring	0.6 (0.024)	6.6 (0.260)	66.4 (2.614)	25.0
	Orifice control valve spring	0.7 (0.028)	6.6 (0.260)	52.5 (2.067)	18.4
	Servo control valve spring	1.0 (0.039)	8.1 (0.319)	52.6 (2.071)	22.4
	4th exhaust valve spring	0.8 (0.031)	7.1 (0.280)	48.8 (1.921)	17.2
	Throttle valve B adjusting spring	0.8 (0.031)	6.2 (0.244)	30.0 (1.181)	8.0
	Throttle valve B spring	1.4 (0.055)	8.5 (0.335)	41.5 (1.634)	10.5
		1.4 (0.055)	8.5 (0.335)	41.5 (1.634)	11.2
		1.4 (0.055)	8.5 (0.335)	41.6 (1.638)	12.4
	1-2 shift valve spring	0.9 (0.035)	8.6 (0.339)	40.4 (1.591)	14.5
	2-3/3-4 shift valve spring	0.9 (0.035)	7.6 (0.299)	57.0 (2.244)	26.8
	1st-hold accumulator spring	4.0 (0.157)	25.0 (0.984)	64.7 (2.547)	7.3
	1st accumulator spring A	2.3 (0.091)	16.3 (0.642)	109.6 (4.315)	20.0
	1st accumulator spring B	1.8 (0.071)	6.3 (0.248)	70.5 (2.776)	15.3
	4th accumulator spring	2.9 (0.114)	22.0 (0.866)	90.1 (3.547)	10.9
	2nd accumulator spring	3.5 (0.138)	22.0 (0.866)	91.0 (3.583)	10.8
	3rd accumulator spring	2.9 (0.114)	17.5 (0.689)	99.6 (3.921)	16.1
	Lock-up shift valve spring	0.9 (0.035)	7.6 (0.229)	73.7 (2.902)	32.0
	Lock-up timing valve spring	0.8 (0.031)	6.6 (0.260)	51.1 (2.012)	14.7
	CPC valve spring	1.4 (0.055)	9.4 (0.370)	33.0 (1.299)	10.5
	Modulator valve spring	1.4 (0.055)	9.4 (0.370)	33.0 (1.299)	10.5
	Lock-up control valve spring	0.7 (0.028)	6.6 (0.260)	38.0 (1.496)	24.6
		0.7 (0.028)	6.6 (0.260)	38.5 (1.516)	24.6
		0.7 (0.028)	6.6 (0.260)	39.0 (1.575)	24.6
	3rd kick-down valve spring	1.0 (0.039)	7.6 (0.299)	48.3 (1.902)	15.6
	Main orifice control valve spring	1.1 (0.043)	7.1 (0.280)	49.1 (1.933)	22.7

*: I.D.

Standards and Service Limits

Differential (Manual transmission) — Section 15

	MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT
Differential carrier	Pinion shaft contact area I.D.	18.000 – 18.018 (0.7087 – 0.7094)	—
	Carrier-to-pinion shaft clearance	0.017 – 0.047 (0.0007 – 0.0019)	0.1 (0.004)
Right Left	Driveshaft contact area I.D.	28.005 – 28.025 (1.1026 – 1.1033)	—
	Carrier-to-driveshaft clearance	0.025 – 0.066 (0.0010 – 0.0026)	0.12 (0.005)
		0.055 – 0.091 (0.0022 – 0.0036)	0.15 (0.006)
Differential pinion gear	Backlash	0.05 – 0.15 (0.002 – 0.006)	—
	I.D.	18.042 – 18.066 (0.7113 – 0.7113)	—
	Pinion gear-to-pinion shaft clearance	0.055 – 0.095 (0.0022 – 0.0037)	0.15 (0.006)
Differential taper roller bearing preload		1.4 – 2.5 (14 – 26, 12 – 23)	Adjust
Starting torque	N·m (kgf·cm, lbf·in)		

Differential (Automatic transmission) — Section 15

	MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT
Differential carrier	Pinion shaft contact area I.D.	18.000 – 18.018 (0.7087 – 0.7094)	—
	Carrier-to-pinion shaft clearance	0.013 – 0.047 (0.0005 – 0.0019)	0.1 (0.004)
	Driveshaft contact area I.D.	28.005 – 28.025 (1.1026 – 1.1033)	—
	Carrier-to-driveshaft clearance	0.025 – 0.066 (0.0010 – 0.0026)	0.12 (0.005)
Differential pinion gear	Backlash	0.05 – 0.15 (0.002 – 0.006)	—
	I.D.	18.042 – 18.066 (0.7113 – 0.7113)	—
	Pinion gear-to-pinion shaft clearance	0.055 – 0.095 (0.0022 – 0.0037)	0.12 (0.005)
Differential taper roller bearing preload		2.7 – 3.9 (28 – 40, 24 – 35)	Adjust
Starting torque	N·m (kgf·cm, lbf·in)	2.5 – 3.6 (25 – 37, 22 – 32)	Adjust
			For new bearing
			For used bearing

Steering — Section 17

	MEASUREMENT	STANDARD (NEW)
Steering wheel	Rotational play at steering wheel circumference	0 – 10 (0 – 0.39)
	Starting load at steering wheel circumference	
Gear box	N (kgf, lbf)	29 (3.0, 6.6)
	Engine running	
Pump	Angle of rack-guide-screw loosened from locked position	20° ± 5°
Power steering fluid	Pump pressure with shut-off valve closed	6,400 – 7,400 (65 – 75, 924 – 1,067)
	kPa (kgf/cm ² , psi)	
Power steering fluid	Recommended fluid	Honda power steering fluid-V, II or S
	Fluid capacity	1.1 (1.16, 0.97)
	ℓ (US qt, Imp qt)	0.4 (0.42, 0.35)
Power steering belt*	For overhaul	
	For fluid change	
Power steering belt*	Deflection with 98 N (10 kgf, 22 lbf) between pulleys	13.0 – 16.0 (0.51 – 0.63) with used belt 11.0 – 12.5 (0.43 – 0.49) with new belt
	Belt tension N (kgf, lbf)	390 – 540 (40 – 55, 88 – 121) with used belt 740 – 880 (75 – 90, 165 – 198) with new belt
	Measured with belt tension gauge	

*: When using a new belt, adjust deflection or tension to new values. Run the engine for 5 minutes then turn it off. Readjust deflection or tension to used belt values.

Suspension — Section 18

		MEASUREMENT		STANDARD (NEW)	
Wheel alignment	Camber	Front		0°00' ± 1°	
		Rear		-0°25' ± 30'	
	Caster	Front		3°00' ± 1°	
	Total toe	Front		0 ± 3 (0 ± 1/8)	
Front wheel turning angle		Rear		IN 2 ± 2 (1/16 ± 1/16)	
		Inward wheel		39°00' ± 2°	
		Outward wheel		30°00' (Reference)	
Wheel bearing	End play	Front		0 - 0.05 (0 - 0.002)	
		Rear		0 - 0.05 (0 - 0.002)	
Wheel	Rim runout	Aluminum wheel	Axial	0 - 0.7 (0 - 0.03)	
			Radial	0 - 0.7 (0 - 0.03)	
	Steel wheel	Axial	0 - 1.0 (0 - 0.04)		
		Radial	0 - 1.0 (0 - 0.04)		
			STANDARD (NEW)	SERVICE LIMIT	

Brakes — Section 19

		MEASUREMENT		STANDARD (NEW)	
Parking brake lever	Play in stroke at 196 N (20 kgf, 44 lbf) lever force			To be locked when pulled Disc: 7 - 11 notches Drum: 4 - 8 notches	
Foot brake pedal	Pedal height (With floor mat removed)	M/T		LHD: 192 (7 9/16), RHD: 167 (6 9/16)	
	Free play	A/T		LHD: 193 (7 5/8), RHD: 168 (6 5/8) 1 - 5 (1/16 - 3/16)	
Master cylinder	Piston-to-pushrod clearance			0 - 0.4 (0 - 0.02)	
Disc brake	Disc thickness	Front Coupe		22.9 - 23.1 (0.90 - 0.91)	
			Aero deck	24.9 - 25.1 (0.98 - 0.99)	
		Rear	9.9 - 10.1 (0.39 - 0.40)		
	Disc runout	Front		0.10 (0.004)	
		Rear		0.10 (0.004)	
	Disc parallelism	Front and rear		0.015 (0.0006)	
Pad thickness	Front Coupe		1.6 (0.06)		
	Aero deck		1.6 (0.06)		
	Rear		1.6 (0.06)		
Drum brake	Drum I.D.			219.9 - 220.0 (8.657 - 8.661)	
	Lining thickness			3.9 - 4.5 (0.15 - 0.18)	
Brake booster	Characteristics at 196 N (20 kgf, 44 lbf) pedal force	Vacuum kPa (mm Hg, in Hg)	Minimum line pressure kPa (kgf/cm ² , psi)		
			Except 8" + 9" master power with ABS		8" + 9" master power with ABS
			0 (0, 0)	970 (9.9, 140)	850 (8.7, 120)
			40.0 (300, 11.8)	5,530 (56.4, 802)	6,120 (62.4, 887)
			66.7 (500, 19.7)	8,580 (87.5, 1,240)	8,980 (91.6, 1,300)

Standards and Service Limits

Air Conditioning — Section 22

	MEASUREMENT	STANDARD (NEW)
Air conditioning system	Lubricant type: NIPPONDENSO: ND-OIL8 (P/N 38899 – PR7 – A01) Lubricant capacity mℓ (fl oz, Imp oz) Condenser Evaporator Line or hose Receiver	25 (5/6, 0.9) 40 (1 1/3, 1.4) 10 (1/3, 0.4) 10 (1/3, 0.4)
Compressor (NIPPONDENSO)	Lubricant type: ND-OIL8 (P/N 38899 – PR7 – A01) Lubricant capacity mℓ (fl oz, Imp oz) Stator coil resistance at 20°C (68°F) Ω Pulley-to-pressure plate clearance	160 ⁺¹⁵ / ₀ (5 1/3 ^{+1/2} / ₀ , 5.6 ^{+0.5} / ₀) 3.4 – 3.8 0.5 ± 0.15 (0.02 ± 0.006)
Compressor belt*	Deflection with 98 N (10 kgf, 22 lbf) between pulleys	8.0 – 10.5 (0.31 – 0.41) with used belt 5.0 – 7.0 (0.20 – 0.28) with new belt
	Belt tension N (kgf, lbf) Measured with belt tension gauge	440 – 590 (45 – 60, 99 – 132) with used belt 930 – 1,130 (95 – 115, 209 – 254) with new belt

*: When using a new belt, adjust deflection or tension to new values. Run the engine for 5 minutes then turn it off.
Readjust deflection or tension to used belt values.

Electrical — Section 23

	MEASUREMENT	STANDARD (NEW)	
Ignition coil	Rated voltage V Primary winding resistance at 20°C (68°F) Ω Secondary winding resistance at 20°C (68°F) kΩ	12 F22B1 engine: 0.4 – 0.6 F22B2 engine: 0.6 – 0.8 Except F22B1, F22B2 engines: 0.6 – 0.8 F22B1 engine: 22 – 34 F22B2 engine: 14 – 22 Except F22B1, F22B2 engines: 13 – 19	
Ignition wire	Resistance at 68°F (20°C) kΩ	25 max.	
Spark plug	Type Gap	See Section 23 1.1 ⁰ / _{-0.1} (0.043 ⁰ / _{-0.004})	
Ignition timing	At idling °BTDC (Red) –rpm (min ⁻¹)	Except KH model: 15 ± 2 – 770 ± 50 (M/T: neutral) 15 ± 2 – 770 ± 50 (A/T; N or P position) KH model: 15 ± 2 – 700 ± 50 (M/T: neutral) 15 ± 2 – 700 ± 50 (A/T; N or P position)	
Alternator belt*1	Deflection with 98 N (10 kgf, 22 lbf) between pulleys	10.5 – 12.5 (0.41 – 0.49) with used belt 8.0 – 10 (0.31 – 0.39) with new belt	
	Belt tension N (kgf, lbf) Measured with belt tension gauge	290 – 440 (30 – 45, 66 – 99) with used belt 540 – 740 (55 – 75, 120 – 170) with new belt	
Alternator	Output 13.5 V at hot A Coil resistance (rotor) at 20°C (68°F) kΩ Slip ring O.D. Brush length Brush spring tension N (kgf, lbf)	STANDARD (NEW)	SERVICE LIMIT
		90*2, 80*3 2.8 – 3.0 (0.11 – 0.12) 14.4 (0.57) 10.5 (0.41) 2.9 – 3.5 (0.30 – 0.36, 0.66 – 0.77)	14.0 (0.55) 1.5 (0.06)
Starter	M/T	1.4 kW/NIPPONDENSO 0.5 – 0.8 (0.02 – 0.03) 0 – 0.02 (0 – 0.001) 29.9 – 30.0 (1.177 – 1.181) Brush length 15.0 – 15.5 (0.59 – 0.61) Brush spring tension (new) N (kgf, lbf) 18 – 24 (1.8 – 2.4, 4.0 – 5.3)	0.2 (0.008) 0.05 (0.002) 29.0 (1.14) 10.0 (0.39)
	A/T	1.4 kW (KY model), 1.6 kW (Except KY model)/MITSUBA 0.4 – 0.5 (0.016 – 0.020) 0 – 0.02 (0 – 0.001) 28.0 – 28.1 (1.102 – 1.106) Brush length 15.8 – 16.2 (0.62 – 0.64) Brush spring tension (new) N (kgf, lbf) 16 – 18 (1.6 – 1.8, 3.5 – 4.0)	0.15 (0.006) 0.05 (0.002) 27.5 (1.083) 11.0 (0.43)

*1: When using a new belt, adjust deflection or tension to new values. Run the engine for 5 minutes then turn it off.
Readjust deflection or tension to used belt values.

*2: F22B1 engine

*3: Except F22B1 engine

Design Specifications

	ITEM			METRIC	ENGLISH	NOTES		
DIMENSIONS	Overall Length	Coupe		4,710 mm	185.4 in			
		Aero deck		4,700 mm* ¹	185.0 in* ¹			
	Overall Width			4,780 mm	188.2 in			
				4,770 mm* ¹	187.8 in* ¹			
	Overall Height	Coupe		1,780 mm	70.1 in			
		Aero deck* ³		1,390 mm	54.7 in			
	Wheelbase			1,460 mm	57.5 in			
		Wagon* ²		1,425 mm* ¹	56.1 in * ¹			
	Track Front/Rear			1,425 mm	56.1 in			
	Ground Clearance			2,715 mm	106.9 in			
Seating Capacity			1,515/1,500 mm	59.6/59.1 in				
			160 mm	6.3 in				
			Five					
WEIGHT (Coupe)	Curb Weight	KE: 2.0i LS	M/T	1,320 kg	2,910 lbs	*4: With SRS airbag system and leather *5: With leather		
		European Model	A/T	1,345 kg	2,965 lbs			
	(KE, KG)	2.2i ES	M/T	1,335 kg	2,943 lbs			
			A/T	1,360 kg	2,998 lbs			
	KG: 2.0i LS		M/T	1,295 kg	2,855 lbs			
			A/T	1,320 kg	2,910 lbs			
	2.0i ES		M/T	1,330 kg	2,932 lbs			
			A/T	1,355 kg	2,987 lbs			
	2.2i ES		M/T	1,315/1,330* ⁴	2,899/2,932 lbs			
			A/T	1,340/1,355* ⁴	2,954/2,987 lbs			
	Except European Model	DX	A/T	1,280	2,822			
		(KH) EX	A/T	1,360/1,370* ⁵	2,999/3,020* ⁵			
	Weight Distributions (Front/Rear)							
	European Model	KE: 2.0i LS	M/T	800/520 kg	1,764/1,146 lbs		*4: With SRS airbag system and leather *5: With leather	
			A/T	830/515 kg	1,830/1,135 lbs			
2.2i ES		M/T	825/510 kg	1,819/1,124 lbs				
		A/T	855/505 kg	1,885/1,113 lbs				
KG: 2.0i LS		M/T	790/505 kg	1,742/1,113 lbs				
		A/T	820/500 kg	1,808/1,102 lbs				
2.0i ES		M/T	815/515 kg	1,797/1,135 lbs				
		A/T	845/510 kg	1,863/1,124 lbs				
2.2i ES		M/T	810 (820* ⁴)/505 (510* ⁴) kg	1,786 (1,808* ⁴)/1,113 (1,124* ⁴) lbs				
		A/T	840 (850* ⁴)/500 (505* ⁴) kg	1,852 (1,874* ⁴)/1,102 (1,113* ⁴) lbs				
Except European Model	DX	A/T	800/480 kg	1,764/1,058 lbs				
	(KH) EX	A/T	855 (860* ⁵)/505 (510* ⁵) kg	1,885 (1,896* ⁵)/1,114 (1,124* ⁵) lbs				
WEIGHT (Aero deck/Wagon)	Curb Weight	KG 2.0i LS	M/T	1,365 kg	3,009 lbs	*6: With driver and front passenger SRS airbag system		
		2.0i LS with sunroof	M/T	1,385 kg	3,053 lbs			
	2.0i ES		M/T	1,410 kg	3,108 lbs			
			A/T	1,435 kg	3,164 lbs			
	2.2i LS		M/T	1,385 kg	3,053 lbs			
			A/T	1,410 kg	3,108 lbs			
	2.2i ES		M/T	1,410 kg	3,108 lbs			
			A/T	1,435 kg	3,164 lbs			
	2.2i ES* ⁶		M/T	1,415 kg	3,120 lbs			
			A/T	1,440 kg	3,175 lbs			
	KE 2.0i LS		M/T	1,375 kg	3,031 lbs			
			A/T	1,400 kg	3,086 lbs			
	2.2i ES		M/T	1,415 kg	3,120 lbs			
			A/T	1,440 kg	3,175 lbs			
	2.2i ES* ⁶		M/T	1,405 kg	3,097 lbs			
			A/T	1,430 kg	3,153 lbs			
	KU 2.0i LS		M/T	1,370 kg	3,020 lbs			
		2.0i LS with sunroof	M/T	1,390 kg	3,064 lbs			
	2.2i ES		M/T	1,415 kg	3,120 lbs			
			A/T	1,440 kg	3,175 lbs			
KQ VTi		M/T	1,405 kg	3,097 lbs				
		A/T	1,430 kg	3,153 lbs				
KH LX		M/T	1,395 kg	3,075 lbs				
	EX	M/T	1,425 kg	3,142 lbs				

*1: KY model *2: KQ model *3: Except KQ model

(cont'd)

Design Specifications

(cont'd)

	ITEM		METRIC	ENGLISH	NOTES	
WEIGHT (Aero deck/Wagon)	Weight Distribution (Front/Rear)				*1: With driver and front passenger SRS airbag system	
	KG	2.0i LS	M/T	790/575 kg		1,742/1,268 lbs
		2.0i LS with sunroof	M/T	795/590 kg		1,753/1,301 lbs
		2.0i ES	M/T	820/590 kg		1,808/1,301 lbs
			A/T	850/585 kg		1,874/1,290 lbs
		2.2i LS	M/T	795/590 kg		1,753/1,301 lbs
			A/T	825/585 kg		1,819/1,290 lbs
		2.2i ES	M/T	820/590 kg		1,808/1,301 lbs
			A/T	850/585 kg		1,874/1,290 lbs
		2.2i ES*1	M/T	825/590 kg		1,819/1,301 lbs
			A/T	855/585 kg		1,885/1,290 lbs
		KE 2.0i LS	M/T	785/590 kg		1,731/1,301 lbs
			A/T	815/585 kg		1,797/1,290 lbs
		2.2i ES	M/T	825/590 kg		1,819/1,301 lbs
			A/T	855/585 kg		1,885/1,290 lbs
		2.2i ES*1	M/T	825/580 kg		1,819/1,279 lbs
			A/T	855/575 kg		1,885/1,268 lbs
		KU 2.0i LS	M/T	795/575 kg		1,753/1,268 lbs
		2.0i LS with sunroof	M/T	800/590 kg		1,764/1,301 lbs
		2.2i ES	M/T	825/590 kg		1,819/1,301 lbs
		A/T	855/585 kg	1,885/1,290 lbs		
	KQ VTi	M/T	820/585 kg	1,807/1,290 lbs		
		A/T	845/585 kg	1,863/1,290 lbs		
	KH LX	M/T	815/580 kg	1,796/1,279 lbs		
	EX	M/T	835/590 kg	1,841/1,301 lbs		
	Max. Permissible Weight (EC)	M/T	1,880 kg	4,145 lbs		
		A/T	1,910 kg	4,211 lbs		
	Max. Permissible Axle Weight (EC)	Front	1,000 kg	2,205 lbs		
		Rear	1,020 kg	2,249 lbs		
	Max. Loaded Vehicle Weight (ADR)	M/T	1,846 kg	4,070 lbs		
		A/T	1,871 kg	4,125 lbs		
ENGINE	Type	F22B1 engine	Water-cooled, 4-stroke SOHC VTEC gasoline engine			
		Except F22B1 engine	Water-cooled, 4-stroke SOHC gasoline engine			
	Cylinder Arrangement		Inline 4-cylinder, transverse			
	Bore and Stroke	F20B3 engine	85.0 x 88.0 mm	3.35 x 3.46 in		
		F22B1, F22B2, F22B4 and F22B5 engines	85.0 x 95.0 mm	3.35 x 3.74 in		
	Displacement	F20B3 engine	1,997 cm ³ (mℓ)	122 cu-in		
		F22B1, F22B2, F22B4 and F22B5 engines	2,156 cm ³ (mℓ)	132 cu-in		
	Compression Ratio	F20B3 engine	9.0			
		F22B1, F22B2 engines	8.8			
		F22B5 engine/F22B4 engine	9.8/8.9			
	Valve Train	F22B1 engine	Belt driven, SOHC VTEC			
		Except F22B1 engine	4 valve per cylinder Belt driven, SOHC 4 valve per cylinder			
	Lubrication System		Forced and wet sump, trochoid pump			
Oil Pump Displacement at 6,000 engine rpm (min ⁻¹)		73.5 ℓ (77.7 US qt, 64.7 Imp qt)/minute				
Water Pump Displacement at 6,000 engine rpm (min ⁻¹)		160 ℓ (169 US qt, 141 Imp qt)/minute				
Fuel Required	F22B4 engine	LEADED gasoline with a Research Octane Number (RON) of 91 or higher*1		*1: Unleaded gasoline with RON of 91 or higher may also be used.		
	F22B1, F22B2 engines	UNLEADED gasoline with RON of 91 or higher				
	F20B3, F22B5 engines	Premium UNLEADED gasoline with RON of 95 or higher				
STARTER	Type		Gear reduction			
	Normal Output	M/T	1.4 kW			
		A/T (Except KY model)	1.6 kW			
		A/T (KY model)	1.4 kW			
	Normal Voltage		12 V			
	Hour Rating		30 seconds			
	Direction of Rotation		Clockwise as viewed from gear end			
Weight	1.4 kW M/T	3.7 kg	8.2 lbs			
	1.4 kW A/T (KY model)	3.4 kg	7.5 lbs			
	1.6 kW A/T (Except KY model)	3.6 kg	7.9 lbs			
CLUTCH	Type	M/T	Single plate dry, diaphragm spring			
		A/T	Torque converter			
	Facing Area	M/T	217 cm ²	33.6 sq-in		

ITEM		METRIC	ENGLISH	NOTES		
TRANSMISSION	Type	M/T A/T	Synchronized 5-speed forward, 1 reverse Electronically controlled 4-speed automatic, 1 reverse Direct/1 : 1		*1: Aero Deck/Wagon *2: Coupe	
	Primary Reduction	Type/Ratio				
	Manual Transmission		F20B3, F22B4, F22B5 engines	F22B1*1, F22B2 engines	F22B1*2 engine	
	Gear Ratio	1st	3.285	3.285	3.285	
		2nd	1.807	1.807	1.807	
		3rd	1.230	1.193	1.193	
		4th	0.933	0.903	0.933	
		5th	0.757	0.685	0.685	
	Final Reduction Gear	Reverse	3.000	3.000	3.000	
		Ratio	4.266	4.266	4.062	
		Type	Single helical gear			
	Automatic Transmission		F20B3, F22B4 F22B5 engines	F22B1, F22B2 engines		*1: Coupe *2: Aero deck/Wagon
Gear Ratio	1st	2.736	2.736			
	2nd	1.333	1.483			
	3rd	1.026	1.026			
	4th	0.731	0.674			
	Reverse	2.047	2.047			
Final Reduction Gear	Ratio	4.285	4.133*1, 4.285*2			
	Type	Single helical gear				
AIR CONDITIONING	Cooling Capacity		4,130 kcal/h	16,400 BTU/h		
	Compressor	Type/Manufacturer No. of Cylinder Capacity Max. Speed Lubricant Capacity Lubricant Type	Swash-plate/NIPPONDENSO 10 170 ml/rev 10.4 cu-in/rev 7,600 rpm (min ⁻¹) 160ml 5 1/3fl oz, 5.6 Imp oz ND-OIL8 (P/N 38899 – PR7 – A01)			
	Condenser	Type	Corrugated fin			
	Evaporator	Type	Corrugated fin			
	Blower	Type Motor Input Speed Control Max. Capacity	Sirocco fan 200 W/12 V 4-speed 480 m ³ /h 16,900 cu-ft/h			
	Temperature Control		Air-mix type			
	Compressor Clutch	Type Power Consumption	Dry, single plate, poly-V-belt drive 40 W max./12 V		At 20°C (68°F)	
	Refrigerant	Type Quantity	HFC-134a (R-134a) 650 ⁻⁵⁰ g 22.9 ^{-1.8} oz			
	STEERING SYSTEM	Type		Power assisted, rack and pinion		
		Overall Ratio	Aero deck with KQ, KE models	17.1		
Except Aero deck/Wagon with KQ, KE models			16.3			
Turns, Lock-to-Lock		Aero deck/Wagon with KQ, KE models	3.26			
	Except Aero deck with KQ, KE models	3.11				
Steering Wheel Diameter		380 mm	15.0 in			

(cont'd)

Design Specifications

(cont'd)

	ITEM		METRIC	ENGLISH	NOTES
SUSPENSION	Type	Front	Independent double wishbone, coil spring with stabilizer		
		Rear	Independent double wishbone, coil spring with stabilizer		
	Shock Absorber	Front and Rear	Telescopic, hydraulic nitrogen gas-filled		
WHEEL ALIGNMENT	Camber	Front	0°		
		Rear	-0°25'		
	Caster	Front	3°00'		
	Total Toe	Front	0 mm	0 in	
		Rear	In 2 mm	In 1/16 in	
BRAKE SYSTEM	Type	Front	Power-assisted self-adjusting ventilated disc		
		Rear	Power-assisted self-adjusting solid disc		Disk brake
	Pad Surface Area	Front	49 cm ² x 2	7.6 sq-in x 2	Drum brake
		Rear	28 cm ² x 2	4.3 sq-in x 2	
	Lining Surface Area	Rear	74 cm ² x 2	11.5 sq-in x 2	Disk brake
	Parking Brake	Type	Mechanical actuating, rear two wheel brakes		Drum brake
TIRE	Size and Pressure		See tire label.		
ELECTRICAL	Battery		12 V - 52 AH/5 HR*1 12 V - 55 AH/5 HR*2		
	Starter		12 V - 1.4 kW/1.6 kW		
	Alternator		12 V - 90 A*3, 80 A*4		
	Fuses				
	In Under-dash Fuse/Relay Box		7.5 A, 10 A, 15 A, 30 A		
	In Under-hood Fuse/Relay Box		7.5 A, 15 A, 20 A, 30 A, 40 A 50 A, 80 A, 100 A		
	In Under-hood ABS Fuse/Relay Box		10 A, 15 A, 20 A, 40 A		
	Headlights	Inside	12 V - 55 W*5, 60 W*5		
		Outside	12 V - 60/55 W*5, 51 W*5		
	Front Turn Signal Lights		12 V - 21 W		
	Front and Rear Position Lights		12 V - 5 W*5, 3CP*5		
	Side Turn Signal Lights		12 V - 5 W		
	Rear Turn Signal Lights		12 V - 21 W		
	Brake Lights		12 V - 21 W		
	Taillights		12 V - 5 W*5, 3CP*6		
	High Mount Brake Light		12 V - 21 CP (18 W)*7 12 V - 21 W *8		
	Back-up Lights		12 V - 21 W*8, 32CP*7		
	Rear Fog Light*9		12 V - 21 W		
	License Plate Lights		12 V - 5 W*5, 12 - 8 W*6		
	Ceiling Lights		12 V - 8 W		
Trunk Light (Luggage Area Lights)		12 V - 3.4 W (5.0 W)			
Door Courtesy Lights		12 V - 3.4 W			
Vanity Mirror Light		12 V - 1.8 W			
Gauge Lights		12 V - 1.4 W, 3.0 W			
Indicator Lights		12 V - 0.84 W, 1.12 W, 1.4 W, LED			
Illumination and Pilot Lights		12 V - 0.56 W, 0.84 W, 1.12 W, 1.4 W			
Heater Illumination Lights		12 V - 1.4 W			

*1: Except KH, KM, KK models

*2: KH, KM, KK models

*3: F22B1 engine

*4: Except F22B1 engine

*5: KE, KG, KQ, KS models

*6: KH, KY, KM, KK models

*7: Aero Deck/Wagon

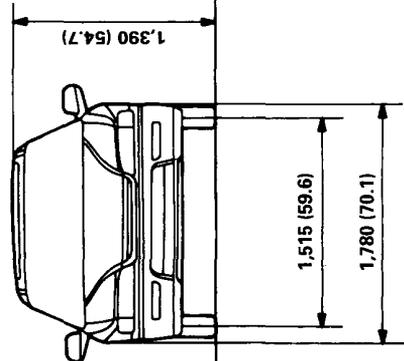
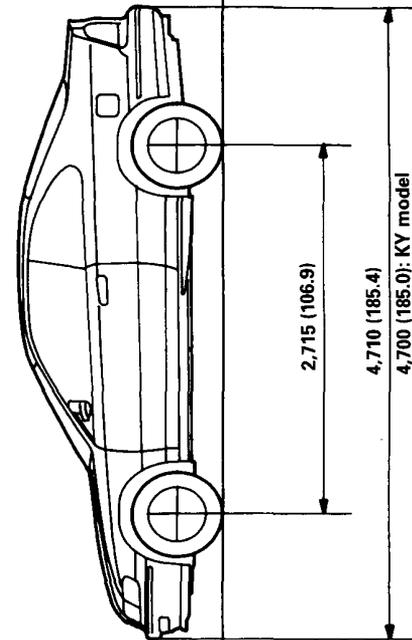
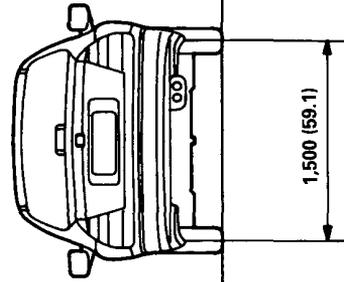
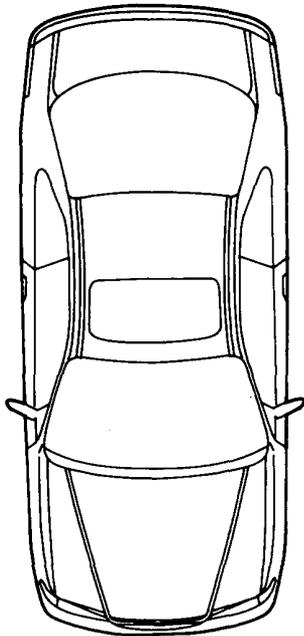
*8: Coupe

*9: KG, KE, KM models

Body Specifications

Coupe:

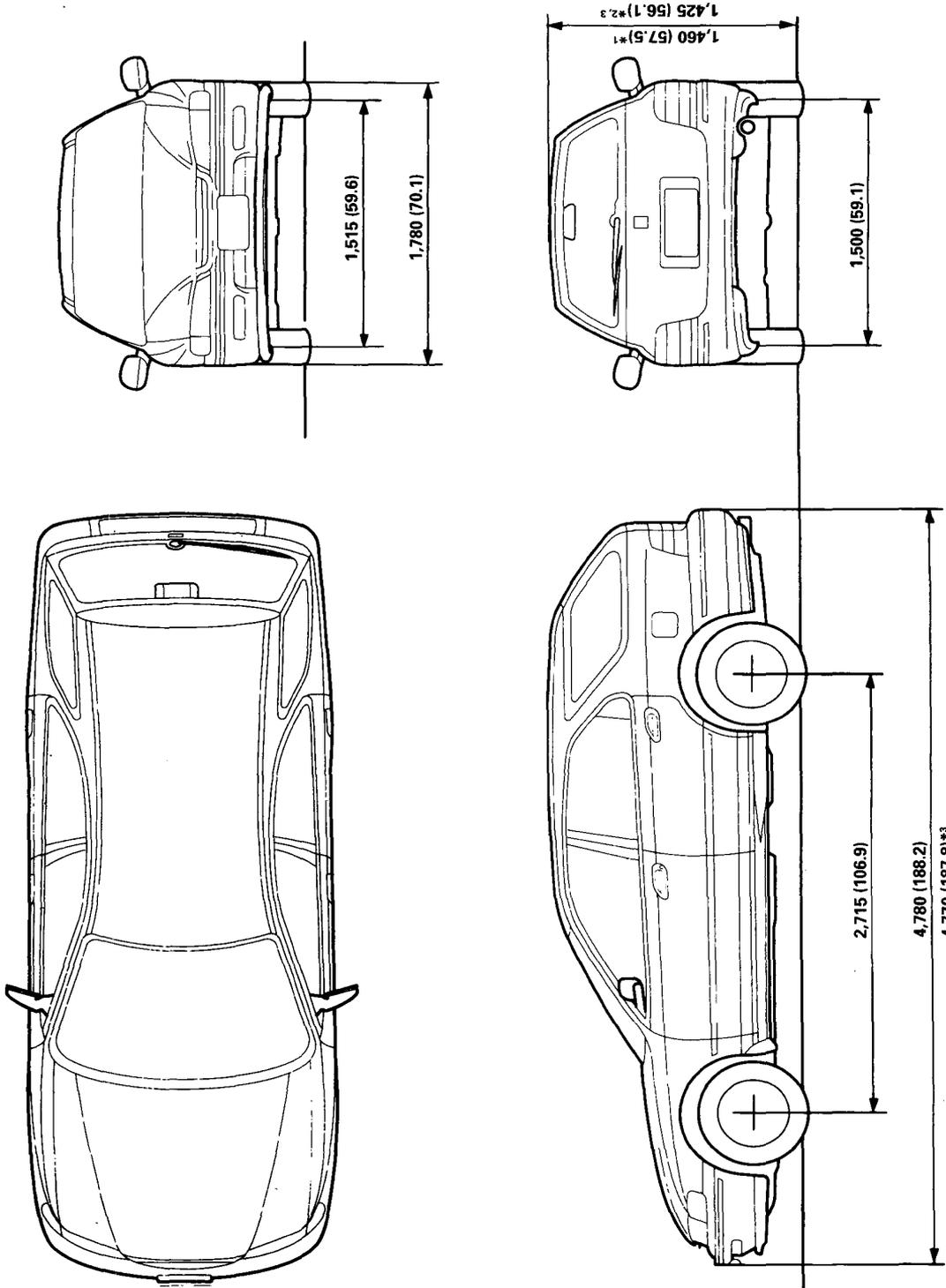
Unit: mm (in)



Body Specifications

Aero deck*^{1,2}/Wagon*³:

Unit: mm (in)



*1: Except KQ model *2: KQ model *3: KY model

Maintenance

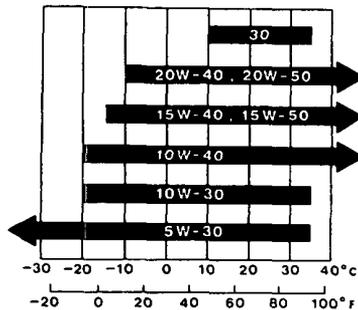
Lubrication Points	4-2
Maintenance Schedule	4-4



Lubrication Points

For the details of lubrication points and type of lubricants to be applied, refer to the illustrated index and various work procedure (such as Assembly/Reassembly, Replacement, Overhaul, Installation, etc.) contained in each section.

NO.	LUBRICATION POINTS	LUBRICANT	
1	Engine	Always use a fuel-efficient oil is that says "API Service SG or SH." SAE Viscosity: See chart below.	
2	Transmission	Manual	Genuine Honda MTF*1
		Automatic	Genuine Honda ATF PREMIUM (Automatic Transmission Fluid-PREMIUM) or DEXRON® II or III ATF
3	Brake line (Includes Anti-lock brake line)	Brake fluid DOT3 or DOT4*2	
4	Clutch line	Brake fluid DOT3 or DOT4*2	
5	Power steering gearbox	Steering grease P/N 08733 – B070E	
6	Release fork (Manual transmission)	Urea Grease UM264 (P/N 41211 – PY5 – 305)	
7	Shift and select cable ends (Manual transmission)		
8	Throttle cable end (Dashboard lower panel hole)	Silicone grease	
9	Throttle cable end (Throttle link)	Multi-purpose grease	
10	Brake master cylinder pushrod		
11	Clutch master cylinder pushrod		
12	Hood hinges and hood latch		
13	Battery terminals		
14	Fuel fill lid		
15	Tailgate hinges		
16	Door hinges, upper and lower		
17	Door open detent		
18	Rear brake calipers	Silicone grease	
19	Power steering system	Genuine Honda Power Steering Fluid (V, II or S)	
20	Air conditioning compressor	Compressor oil: NIPPONDENSO: ND-OIL8 (P/N 38899 – PR7 – A01) (For Refrigerant: HFC-134a (R-134a))	



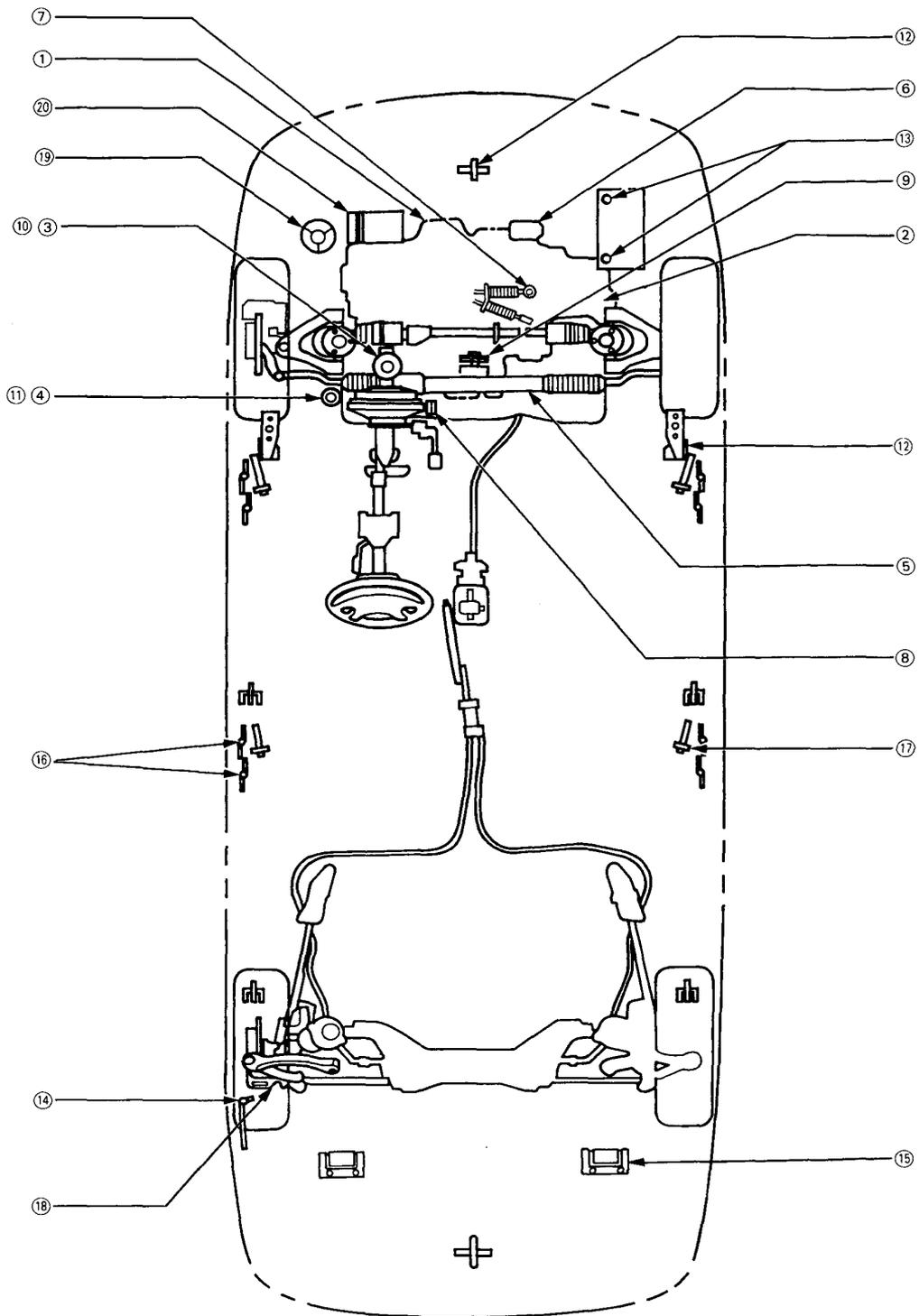
Recommended engine oil
Engine oil viscosity for
ambient temperature ranges

CAUTION: Used engine oil may cause skin cancer if repeatedly left in contact with the skin for prolonged periods. Although this is unlikely unless you handle used oil on a daily basis, it is still advisable to thoroughly wash your hands with soap and water as soon as possible after handling used oil.

*1: If Honda MTF is not available, you may use an API service SG or SH-rated motor oil with a viscosity of SAE 10W – 30 or 10W – 40 temporarily.

Motor oil can cause increased transmission wear and higher shifting effort.

*2: We recommend Genuine Honda Brake Fluid.



Maintenance Schedule

European, Australian and New Zealand Model — Normal Conditions

Follow the Maintenance Schedule if the severe driving conditions specified in the Severe Conditions Maintenance Schedule on pages 4-6 and 4-7 do not apply.

Service at the indicated distance or time whichever comes first.	km x 1,000		20	40	60	80	100	120	140	160	180	200	SECTION and PAGE
	miles x 1,000	months	12	24	36	48	60	72	84	96	108	120	
Replace engine oil	Every 10,000 km (6,000 miles) or 12 months												8-2*7
Replace engine oil filter	●	●	●	●	●	●	●	●	●	●	●	●	8-5**2
Replace air cleaner element	●	●	●	●	●	●	●	●	●	●	●	●	11-101*2
Inspect valve clearance	●	●	●	●	●	●	●	●	●	●	●	●	6-13*1*2
Replace fuel filter	●	●	●	●	●	●	●	●	●	●	●	●	11-92*2
Replace spark plugs	●	●	●	●	●	●	●	●	●	●	●	●	23-108*2
Replace timing belt, timing balancer belt and inspect water pump	Replace every 45,000 km (28,000 miles)												**6-19 to 6-23 **7-10-9
Inspect and adjust drive belts	●	●	●	●	●	●	●	●	●	●	●	●	**2-17-20 **22-43 **22-42 **23-116, 117 **23-123, 124
Inspect idle speed	●	●	●	●	●	●	●	●	●	●	●	●	11-73*2
Replace engine coolant	●	●	●	●	●	●	●	●	●	●	●	●	10-5*1*2
Replace transmission fluid (○: Inspect)	○	○	○	○	○	○	○	○	○	○	○	○	13-2*7 14-2
Inspect front and rear brakes	●	●	●	●	●	●	●	●	●	●	●	●	**19-7, 9 11, 22, 24, 29, 34, 38, 19-2, 3
Replace brake fluid (including ABS)	●	●	●	●	●	●	●	●	●	●	●	●	19-6*2
Check parking brake adjustment	●	●	●	●	●	●	●	●	●	●	●	●	19-5*2
Check lights alignment	●	●	●	●	●	●	●	●	●	●	●	●	23-196*2
Test drive (noise, stability, dashboard operations)	●	●	●	●	●	●	●	●	●	●	●	●	—

*1: Refer to shop manual: 94 ACCORD MAINTENANCE, REPAIR and CONSTRUCTION Code No. 62SV400

*2: Refer to shop manual: 94 ACCORD COUPE MAINTENANCE, REPAIR and CONSTRUCTION Code No. 62SV200

*3: Refer to shop manual: 94 ACCORD AERO DECK SUPPLEMENT Code No. 62SV220

*4: Refer to shop manual: 95 ACCORD SUPPLEMENT Code No. 62SV420

*5: Refer to shop manual: 95 ACCORD COUPE, ACCORD AERO DECK/WAGON SUPPLEMENT Code No. 62SV221

*6: Refer to shop manual: 96 ACCORD SUPPLEMENT Code No. 62SV421

*7: Refer to shop manual: 96 ACCORD COUPE, ACCORD AERO DECK/WAGON SUPPLEMENT Code No. 62SV222

*8: We recommend Genuine Honda Brake Fluid.



Service at the indicated distance or time whichever comes first.	km x 1,000		20	40	60	80	100	120	140	160	180	200	SECTION and PAGE	
	miles x 1,000		12	24	36	48	60	72	84	96	108	120		
	months		12	24	36	48	60	72	84	96	108	120		
Visually inspect the following items:														
Tie rod ends, steering gearbox, and boots													<ul style="list-style-type: none"> • Check for correct installation and position, check for cracks, deterioration, rust, and leaks. • Check tightness of screws, nuts, and joints. If necessary, retighten. 	—
Suspension components													<ul style="list-style-type: none"> • Check rack grease and steering linkage. • Check the boot for damage and leaking grease. • Check the fluid line for damage and leaks. 	17-19*
Driveshaft boots													<ul style="list-style-type: none"> • Check the bolts for tightness. • Check the all dust cover for deterioration and damage. 	**18-9, 10, 19, 20
Brake hoses and lines (including ABS)													<ul style="list-style-type: none"> • Check boots and boot band for cracks. • Check rack grease. 	16-3**
Exhaust system													Check the master cylinder, proportioning control valve and ABS modulator for damage and leakage.	**19-14, 15, 19 19-2, 3
Fuel lines and connections													Check the catalytic converter heat shield, exhaust pipe and muffler for damage, leaks and tightness.	**9-6 to 9-12 **9-5 to 9-7 **9-3 to 9-4
Tyre condition													Check fuel lines for loose connections, cracks and deterioration. Retighten loose connections and replace any damaged parts.	11-76**
Inspect supplemental restraint system													Inspect system 10 years after first registration	—

- *1: Refer to shop manual: 94 ACCORD MAINTENANCE, REPAIR and CONSTRUCTION Code No. 62SV400
- *2: Refer to shop manual: 94 ACCORD COUPE MAINTENANCE, REPAIR and CONSTRUCTION Code No. 62SV200
- *3: Refer to shop manual: 94 ACCORD AERO DECK SUPPLEMENT Code No. 62SV220
- *4: Refer to shop manual: 95 ACCORD SUPPLEMENT Code No. 62SV420
- *5: Refer to shop manual: 95 ACCORD COUPE, ACCORD AERO DECK/WAGON SUPPLEMENT Code No. 62SV221
- *6: Refer to shop manual: 96 ACCORD SUPPLEMENT Code No. 62SV421
- *7: Refer to shop manual: 96 ACCORD COUPE, ACCORD AERO DECK/WAGON SUPPLEMENT Code No. 62SV222

Maintenance Schedule

European, Australian and New Zealand Model — Severe Conditions

Service at the indicated distance or time whichever comes first.	km x 1,000		miles x 1,000		20	40	60	80	100	120	140	160	180	200	NOTES	SECTION and PAGE
	months	months	months	months	12	24	36	48	60	72	84	96	108	120		
Replace engine oil and oil filter					Every 5,000 km (3,000 miles) or 6 months											**8-5, *8-2
Clean (○) or replace (●) air cleaner element — Use normal schedule except in dusty conditions	○	○	○	○	○	○	○	○	○	○	○	○	○	○		11-101*2
Inspect valve clearance	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Check the valve clearance.	6-13*1*2
Replace fuel filter	●	●	●	●	●	●	●	●	●	●	●	●	●	●		11-92*2
Replace spark plugs	●	●	●	●	●	●	●	●	●	●	●	●	●	●		23-108*2
Replace timing belt, timing balancer belt and inspect water pump					Replace every 45,000 km (28,000 miles)											**6-19 to 6-23 *1*10-9
Inspect and adjust drive belts	●	●	●	●	●	●	●	●	●	●	●	●	●	●	• Check for cracks and damage. • Check deflection and tension.	**2-43, **22-42 *23-116, 117 *23-123, 124
Inspect idle speed																11-73*2
Replace engine coolant															Check specific gravity for freezing point.	10-5*1*2
Replace transmission fluid	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Manual transmission: Genuine Honda MTF Automatic transmission: Genuine Honda ATF PREMIUM (Automatic Transmission Fluid-PREMIUM) or DEXRON II or III ATF.	13-2*7 14-2
Inspect front and rear brakes					Every 10,000 km (6,000 miles) or 6 months										• Check the brake pad and disc thickness. • Check for damage or cracks. • Check the wheel cylinder for leaks. • Check the brake linings for cracking, glazing, wear, or contamination. • Check the calipers for damage, leaks, and tightness.	**19-7, 9, 11, 22, 24, 29, 34, 38, 19-2, 3
Replace brake fluid (including ABS)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Use only DOT3 or DOT4** fluid. Check that brake fluid level is between the upper and lower marks on the reservoir.	19-6*2
Check parking brake adjustment	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Check the parking brake operation.	19-5*2
Check lights alignment	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Check the position of the headlights.	23-196*2
Test drive (noise, stability, dashboard operations)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Check for road stability, noise, vibrations and dashboard operation.	—

*1: Refer to shop manual: 94 ACCORD MAINTENANCE, REPAIR and CONSTRUCTION Code No. 62SV400
 *2: Refer to shop manual: 94 ACCORD COUPE MAINTENANCE, REPAIR and CONSTRUCTION Code No. 62SV200
 *3: Refer to shop manual: 94 ACCORD AERO DECK SUPPLEMENT Code No. 62SV220
 *4: Refer to shop manual: 95 ACCORD SUPPLEMENT Code No. 62SV420
 *5: Refer to shop manual: 95 ACCORD COUPE, ACCORD AERO DECK/WAGON SUPPLEMENT Code No. 62SV221
 *6: Refer to shop manual: 96 ACCORD SUPPLEMENT Code No. 62SV421
 *7: Refer to shop manual: 96 ACCORD COUPE, ACCORD AERO DECK/WAGON SUPPLEMENT Code No. 62SV222
 *8: We recommend Genuine Honda Brake Fluid.

Maintenance Schedule

KY, KM, KK, KH Model

This Maintenance Schedule outlines the minimum required maintenance that you should perform to ensure the trouble-free operation of the customer's vehicle. Due to regional and climatic differences, some additional servicing may be required. Please consult the warranty handbook for a more detailed description.

Service at the indicated distance or time whichever comes first.	20	40	60	80	100	120	140	160	180	200	NOTES	SECTION and PAGE
	12	24	36	48	60	72	84	96	108	120		
Replace engine oil	Every 5,000 km (3,000 miles) or 6 months											**18-5, *18-2
Replace engine oil filter	Every 5,000 km (3,000 miles) or 6 months											**18-5, *18-2
Replace air cleaner element	Clean every 10,000 km (6,000 miles) or 12 months, and replace every 20,000 km (12,000 miles) or 24 months.											11-101*2
Inspect valve clearance	•	•	•	•	•	•	•	•	•	•	Check the valve clearance.	6-13*1*2
Replace fuel filter	•	•	•	•	•	•	•	•	•	•	11-92*2	11-92*2
Replace spark plugs	•	•	•	•	•	•	•	•	•	•	23-108*2	23-108*2
Inspect distributor cap, rotor and ignition wiring	•	•	•	•	•	•	•	•	•	•	Check for cracks, wear, damage and fouling	23-107*2
Replace timing belt, timing balancer belt and inspect water pump	•	•	•	•	•	•	•	•	•	•	Check water pump for signs of seal leakage.	**16-19 to 6-23 **10-9
Inspect and adjust drive belts	•	•	•	•	•	•	•	•	•	•	• Check for cracks and damage. • Check deflection and tension.	**17-20 **22-43, *22-42 *23-116, 117 *23-123, 124
Inspect idle speed (CO)	•	•	•	•	•	•	•	•	•	•	Check specific gravity for freezing point.	11-73*2
Replace engine coolant	•	•	•	•	•	•	•	•	•	•	Check the clicking sound of motion from the PCV valve of idling.	10-5*1*2
Inspect PCV valve	•	•	•	•	•	•	•	•	•	•	• Check the EVAP control canister operation. • Check the hose for blockage, cracks or disconnected.	11-120*2
Inspect evaporative emission control system	•	•	•	•	•	•	•	•	•	•	• Check the movement or EGR valve. • Check the hose for blockage, cracks or disconnected.	11-121*2
Inspect EGR system	•	•	•	•	•	•	•	•	•	•	Manual transmission: Genuine Honda MTF Automatic transmission: Genuine Honda ATF PREMIUM (Automatic Transmission Fluid-PREMIUM) or DEXRON II or III ATF.	11-114*2
Replace transmission fluid	•	•	•	•	•	•	•	•	•	•	• Check the brake pad and disc thickness. Check for damage or cracks. • Check the wheel cylinder for leaks. • Check the brake linings for cracking, glazing, wear, or contamination. • Check the calipers for damage, leaks, and tightness.	**19-7, 9, 11, 22, 24, 29, 34, 36 19-2, 3
Inspect front and rear brakes	Every 10,000 km (6,000 miles) or 6 months											

*1: Refer to shop manual: 94 ACCORD MAINTENANCE, REPAIR and CONSTRUCTION Code No. 62SV400
 *2: Refer to shop manual: 94 ACCORD COUPE MAINTENANCE, REPAIR and CONSTRUCTION Code No. 62SV200
 *3: Refer to shop manual: 94 ACCORD AERO DECK SUPPLEMENT Code No. 62SV220
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 *6: Refer to shop manual: 96 ACCORD SUPPLEMENT Code No. 62SV421
 *7: Refer to shop manual: 96 ACCORD COUPE, ACCORD AERO DECK/WAGON SUPPLEMENT Code No. 62SV222



Service at the indicated distance or time whichever comes first.	km x 1,000		20	40	60	80	100	120	140	160	180	200	SECTION and PAGE	
	miles x 1,000	months	12	24	36	48	60	72	84	96	108	120		
Replace brake fluid (including ABS)			●	●	●	●	●	●	●	●	●	●	Use only DOT3 or DOT4 ^{**} fluid. Check that brake fluid level is between the upper and lower marks on the reservoir.	19-6 ^{**}
Check parking brake adjustment			●	●	●	●	●	●	●	●	●	●	Check the parking brake operation.	19-5 ^{**}
Rotate tyres (Check tyre inflation and condition at least once per month)			Rotate tyres every 10,000 km (6,000 miles)										—	
Visually inspect the following items:														
Tie rod ends, steering gearbox, and boots	Every 10,000 km (6,000 miles) or 6 months												17-19 ^{**}	
Suspension components													**18-9, 10, 19, 20	
Driveshaft boots													16-3 ^{**}	
Brake hoses and lines (including ABS)													**19-14, 15, 19, 19-2, 3	
Cooling system hoses and connection													10-2 ^{**1*}	
Exhaust system													*19-6 to 9-12 *9-5 to 9-7 *9-3 to 9-4	
Fuel lines and connections													11-76 ^{**}	
Inspect supplemental restraint system	Inspect system 10 years after first registration												—	

*1: Refer to shop manual: 94 ACCORD MAINTENANCE, REPAIR and CONSTRUCTION Code No. 62SV400
 *2: Refer to shop manual: 94 ACCORD COUPE MAINTENANCE, REPAIR and CONSTRUCTION Code No. 62SV200
 *3: Refer to shop manual: 94 ACCORD AERO DECK SUPPLEMENT Code No. 62SV220
 *4: Refer to shop manual: 95 ACCORD SUPPLEMENT Code No. 62SV420
 *5: Refer to shop manual: 95 ACCORD COUPE, ACCORD AERO DECK/WAGON SUPPLEMENT Code No. 62SV221
 *6: Refer to shop manual: 96 ACCORD SUPPLEMENT Code No. 62SV421
 *7: Refer to shop manual: 96 ACCORD COUPE, ACCORD AERO DECK/WAGON SUPPLEMENT Code No. 62SV222
 *8: We recommend Genuine Honda Brake Fluid.

Fuel and Emissions

Special Tools	11-2
Fuel Supply System	
Fuel Pressure	11-3
Fuel Tank	11-4



Outline of Model Change

- The 6 mm service bolt for fuel pressure measurement on the fuel rail has been eliminated.

Special Tools

Ref. No	Tool Number	Description	Qty	Remark
①	07406 - 0040002	Fuel Pressure Gauge Set	1	Component Tools
①-1	07406 - 0040202	Fuel Pressure Hose Assembly	(1)	



①



①-1

Fuel Supply System



Fuel Pressure

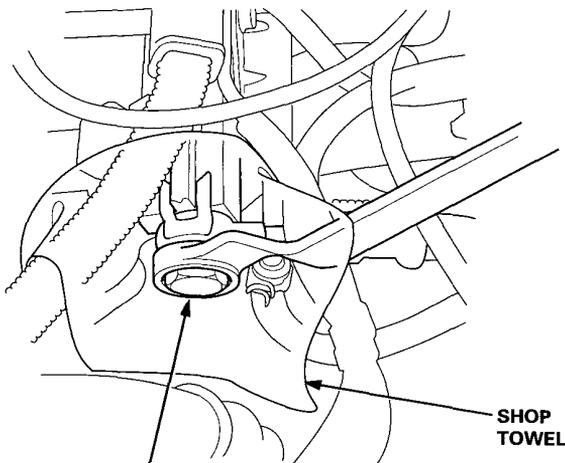
Relieving

Before disconnecting fuel pipes or hoses, release pressure from the system by loosening the 12 mm sealing nut on the fuel rail.

⚠ WARNING

- Do not smoke while working on the fuel system. Keep open flames or sparks away from your work area.
- Be sure to relieve fuel pressure while the ignition switch is off.

1. Disconnect the battery negative cable from the battery negative terminal.
2. Remove the fuel fill cap.
3. Use a box end wrench on the 12 mm sealing nut at the fuel nut.
4. Place a rag or shop towel over the 12 mm sealing nut.
5. Slowly loosen the 12 mm sealing nut one complete turn.



12 mm SEALING NUT
22 N·m (2.2 kgf·m, 16 lbf·ft)

NOTE: Replace the washers whenever the sealing nut is loosened or removed.

Inspection

1. Relieve fuel pressure.
2. Remove the service bolt on the fuel rail while holding the banjo bolt with another wrench. Attach the special tool.
3. Start the engine. *Measure the fuel pressure with the engine idling and the vacuum hose of the fuel pressure regulator disconnected from the fuel pressure regulator and pinched. If the engine will not start, turn the ignition switch ON (II), wait for two seconds, turn it off, then back on again and read the fuel pressure.

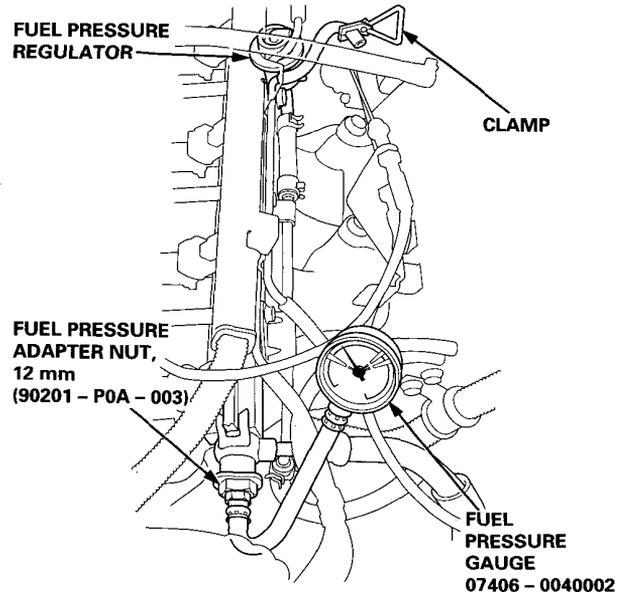
Pressure should be:

260 – 310 kPa (2.7 – 3.2 kgf/cm², 38 – 46 psi)

4. Reconnect vacuum hose to the fuel pressure regulator.

Pressure should be:

210 – 250 kPa (2.1 – 2.6 kgf/cm², 30 – 37 psi)



If the fuel pressure is not as specified, first check the fuel pump. If the fuel pump is OK, check the following:

- If the fuel pressure is higher than specified, inspect for:
 - Pinched or clogged fuel return hose or line.
 - Faulty fuel pressure regulator.
- If the fuel pressure is lower than specified, inspect for:
 - Clogged fuel filter.
 - Faulty fuel pressure regulator.
 - Leakage in the fuel line.

Fuel Supply System

Fuel Tank

Replacement

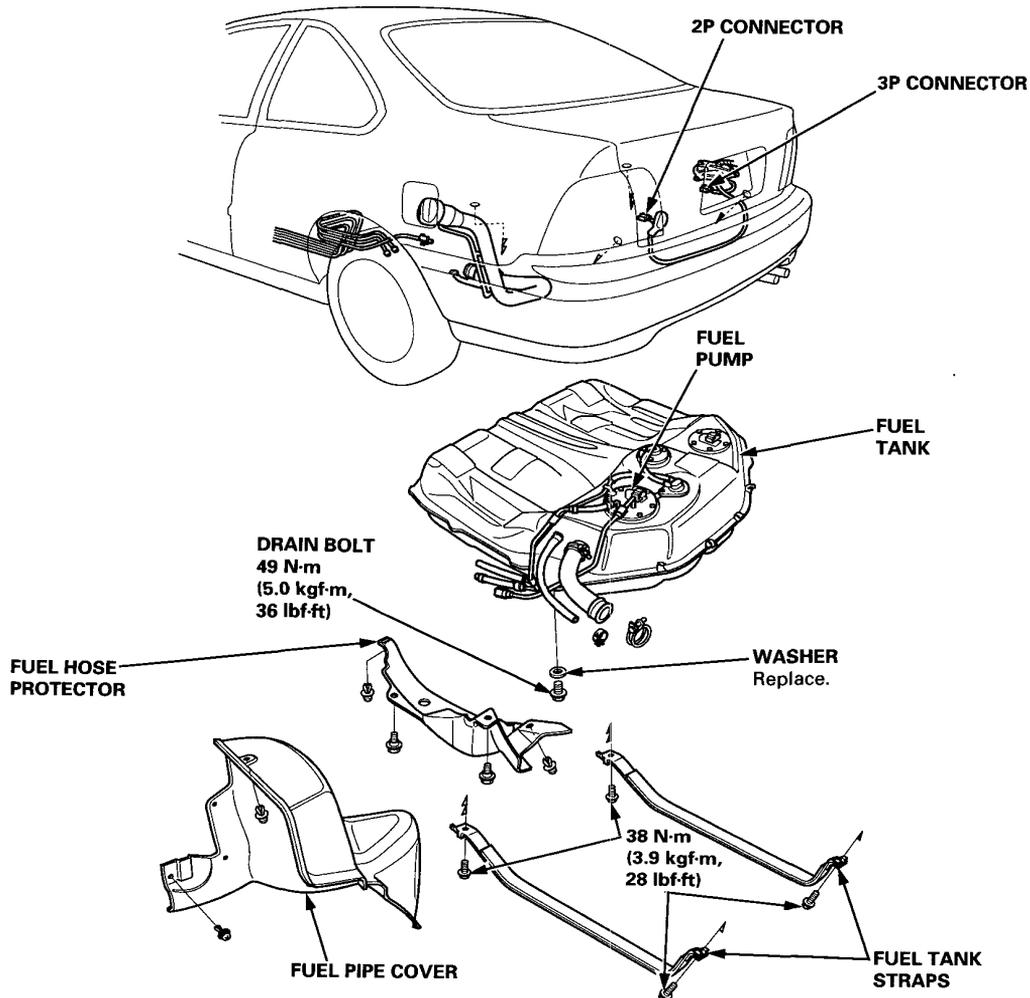
⚠ WARNING Do not smoke while working on fuel system. Keep open flame away from your work area.

1. Relieve the fuel pressure (see page 11-3).
2. Jack up the car and support with jackstands.
3. Remove the drain bolt, and drain the fuel into an approved container.
4. Remove the fuel pipe cover and fuel hose protector.
5. Disconnect the hoses.

CAUTION:

- When disconnecting the hoses, slide back the clamps, then twist hoses as you pull, to avoid damaging them.
- Clean the flared joint of high pressure hoses thoroughly before reconnecting them.

6. Place a jack, or other support, under the tank.
7. Remove the strap nuts and let the straps fall free.
8. Disconnect the 2P and 3P connectors.
9. Remove the fuel tank.
NOTE: The tank may stick on the undercoat applied to its mount. To remove, carefully pry it off the mount.
10. Install the drain bolt with a new washer, then coat the drain bolt with Noxrust 124B or equivalent. Allow the Noxrust or equivalent to dry for 20 minutes.
11. Install the remaining parts in the reverse order of removal.



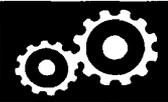
Manual Transmission

Transmission Housing

Index 13-2

Mainshaft Assembly

Index 13-3

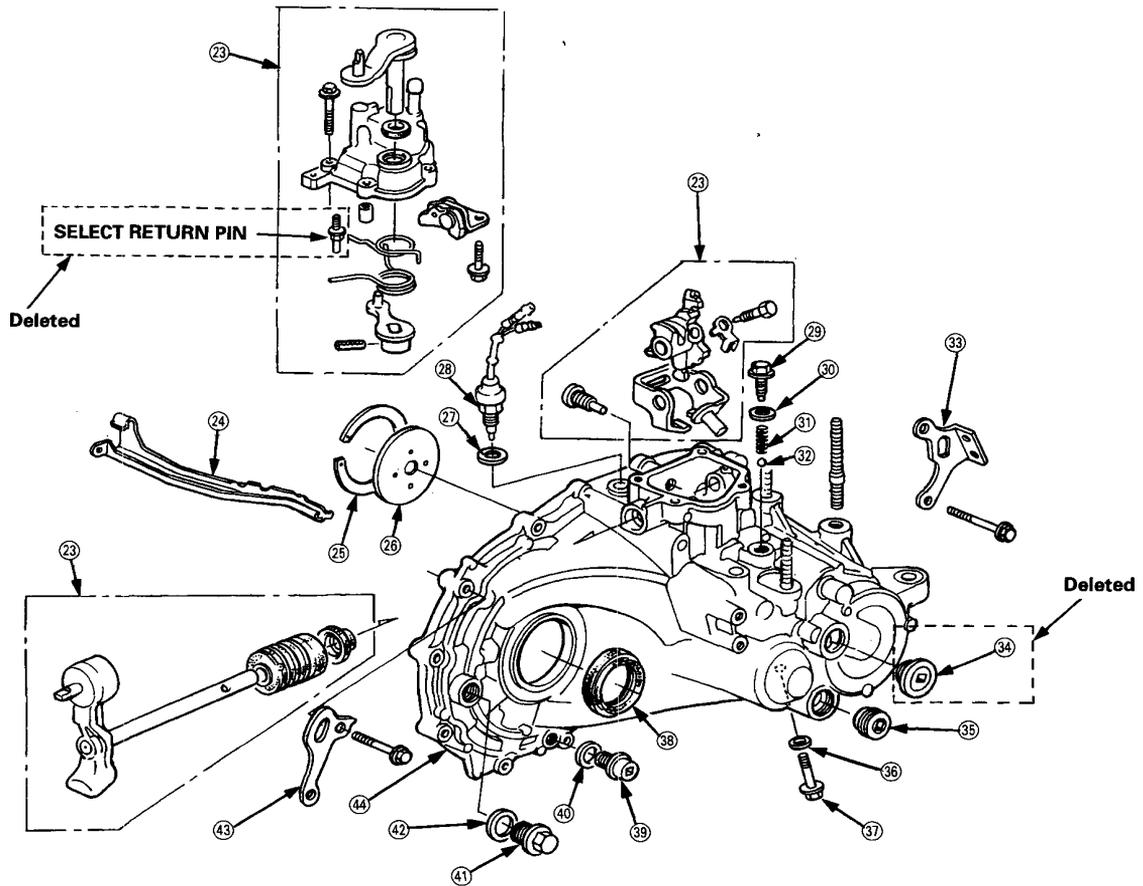


Outline of Model Changes

- The 28 mm sealing bolt has been disused.
- The select return pin has been disused.
- On the transmission of P2C4, the stopper ring and the taper ring are unified.

Transmission Housing

Index

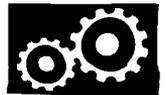


- 23 SHIFT ARM ASSEMBLY
- 24 OIL GUTTER PLATE
- 25 78 mm THRUST SHIM
- 26 OIL GUIDE PLATE
- 27 WASHER Replace.
- 28 BACK-UP LIGHT SWITCH
- 29 SETTING SCREW
- 30 WASHER Replace.
- 31 SPRING L. 25 mm (0.98 in)
- 32 STEEL BALL D. 5/16 in

- 33 TRANSMISSION HANGER
- 34 28 mm SEALING BOLT
- 35 32 mm SEALING BOLT
- 36 WASHER Replace.
- 37 REVERSE IDLER GEAR SHAFT BOLT
- 38 OIL SEAL
- 39 OIL DRAIN PLUG
- 40 WASHER Replace.

- 41 OIL FILLER BOLT
- 42 WASHER Replace.
- 43 TRANSMISSION HANGER
- 44 TRANSMISSION HOUSING

Mainshaft Assembly

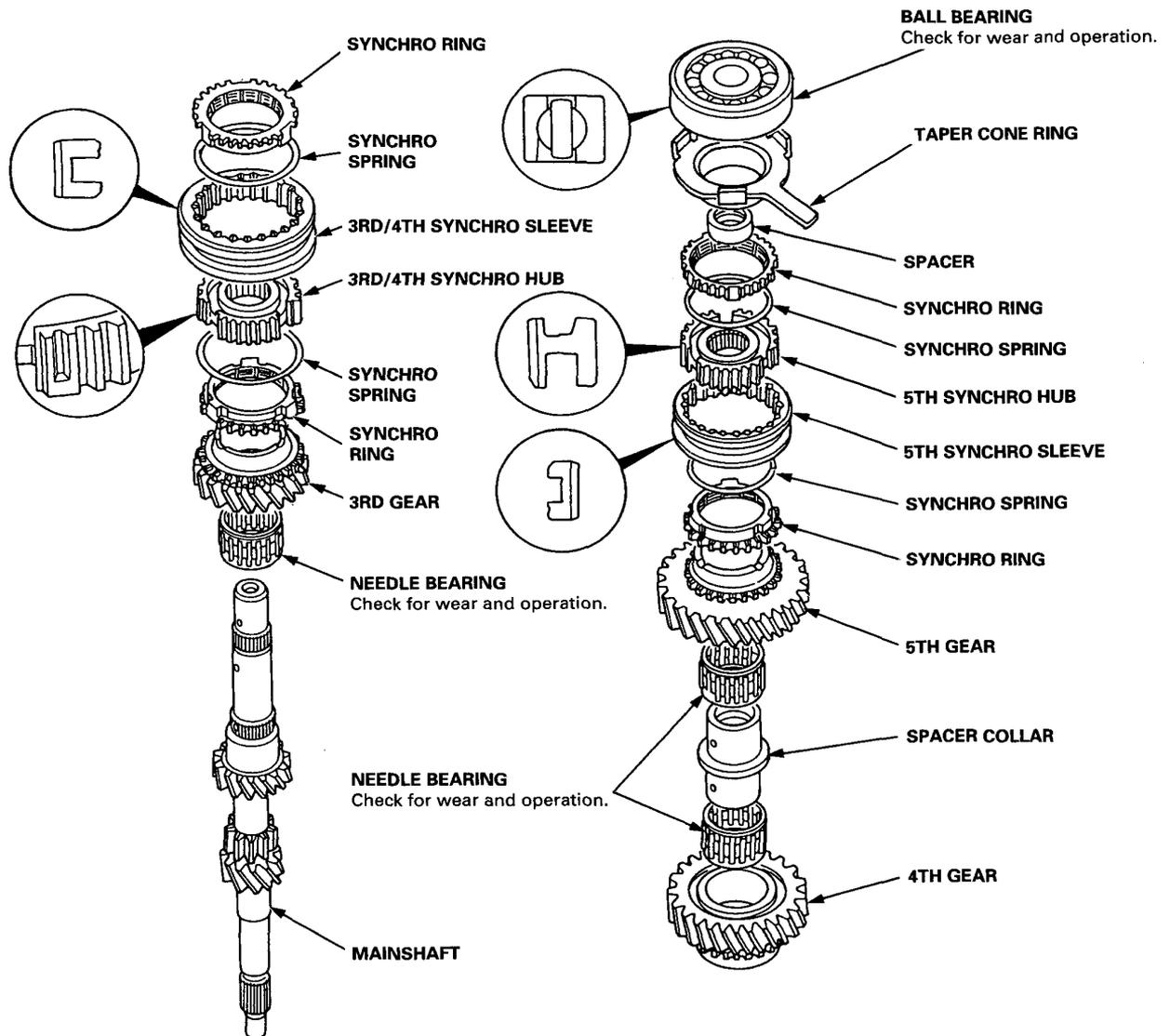


Index

NOTE: The 3rd/4th, and 5th synchro hubs, and the ball bearing are installed with a press.

 Prior to reassembling, clean all the parts in solvent, dry them, and apply lubricant to any contact surface. 3rd/4th and 5th synchro hubs, however, should be installed with a press before lubricating them.

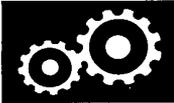
P2C4 Transmission:



Automatic Transmission

Fluid Level

Checking/Changing 14-2



Outline of Model Change

- The Automatic Transmission Fluid (ATF) recommendation has been changed.

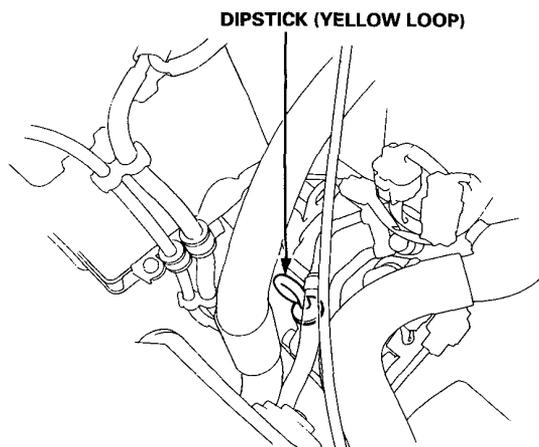
Fluid Level

Checking/Changing

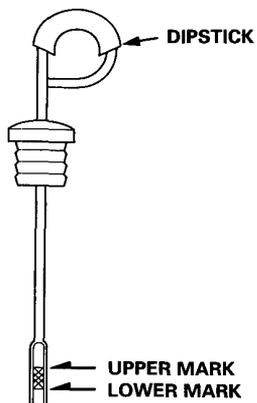
Checking

NOTE: Check the fluid level with the engine at normal operating temperature (the radiator fan comes on).

1. Park the car on level ground. Turn off the engine.
2. Remove the dipstick (yellow loop) from the transmission, and wipe it with a clean cloth.
3. Insert the dipstick into the transmission.



4. Remove the dipstick and check the fluid level. It should be between the upper and lower marks.



5. If the level is below the lower mark, add fluid into the tube to bring it to the upper mark. Use Genuine Honda ATF PREMIUM (Automatic Transmission Fluid-PREMIUM) or an equivalent quality DEXRON® II or III ATF only.
6. Insert the dipstick back into the transmission.

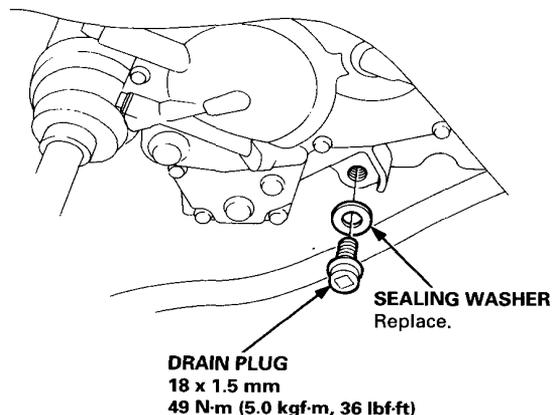
Changing

1. Bring the transmission up to normal operating temperature (the radiator fan comes on) by driving the car. Park the car on level ground, turn the engine off, and then remove the drain plug.
2. Reinstall the drain plug with a new sealing washer, then refill the transmission to the upper mark on the dipstick.

Automatic Transmission Fluid Capacity:

2.4 l (2.5 US qt, 2.1 Imp qt) at changing

6.0 l (6.3 US qt, 5.3 Imp qt) at overhaul



Brakes

Inspection

Brake System Rubber Parts and Brake Booster	19-2
Brake Hoses/Lines Inspection	19-3



Outline of Model Changes

- Inspection procedures for the rubber parts and the brake booster have been added.
- Inspection procedures for the master cylinder and the ABS modulator unit have been added.

Inspection

Brake System Rubber Parts and Brake Booster

A Brake Booster

Check brake operation by applying the brakes. If the brakes do not work properly, check the brake booster. Replace the brake booster as an assembly if it does not work properly or if there are signs of leakage.

B Piston Cup and Pressure Cup Inspection

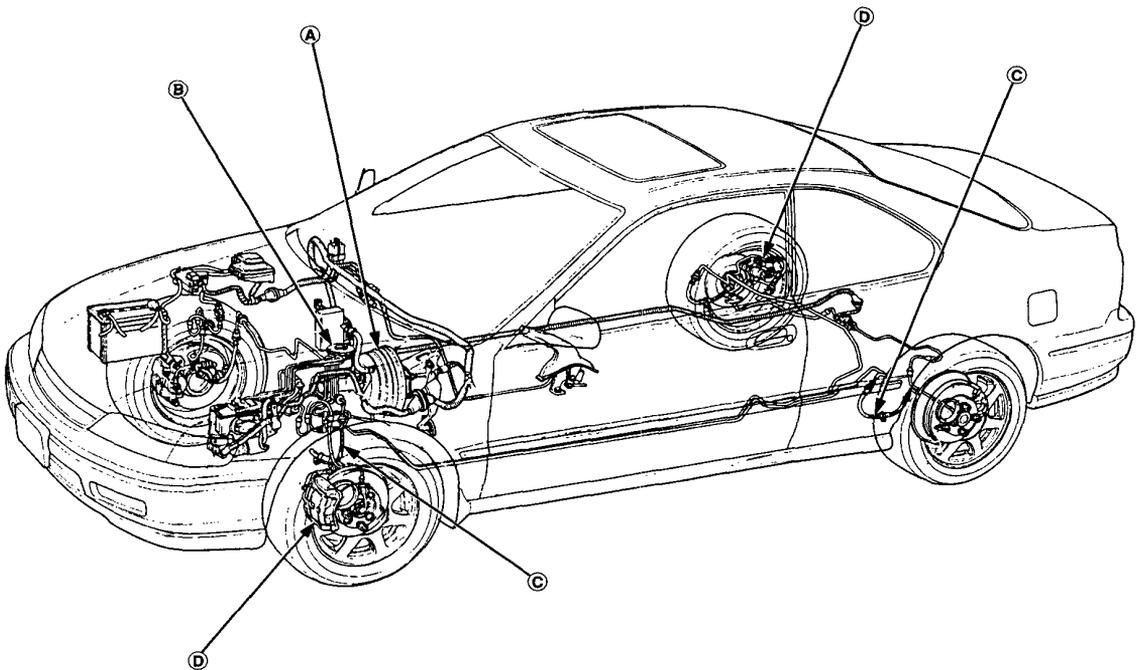
- Check brake operation by applying the brakes. Visually check for damage or signs of fluid leakage. If the pedal does not work properly or if there is damage or signs of fluid leakage, disassembly and inspect the master cylinder. Replace the secondary piston and primary piston as an assembly whenever the master cylinder is disassembled.
- Check for a difference in brake pedal stroke between quick and slow brake applications. If there is a difference in pedal stroke, disassembly and inspect the master cylinder. Replace the secondary piston and primary piston as an assembly whenever the master cylinder is disassembled.

C Brake Hoses

Visually check for damage or signs of fluid leakage. Replace the brake hose with a new one if it is damaged or leaking.

D Caliper Piston Seal and Piston Boots

Check brake operation by applying the brakes. Visually check for damage or signs of fluid leakage. If the pedal does not operate properly, the brakes drag, or there is damage or signs of fluid leakage, disassemble and inspect the brake caliper. Replace the boots and seals with new ones whenever the brake caliper is disassembled.



Brake Hoses/Lines

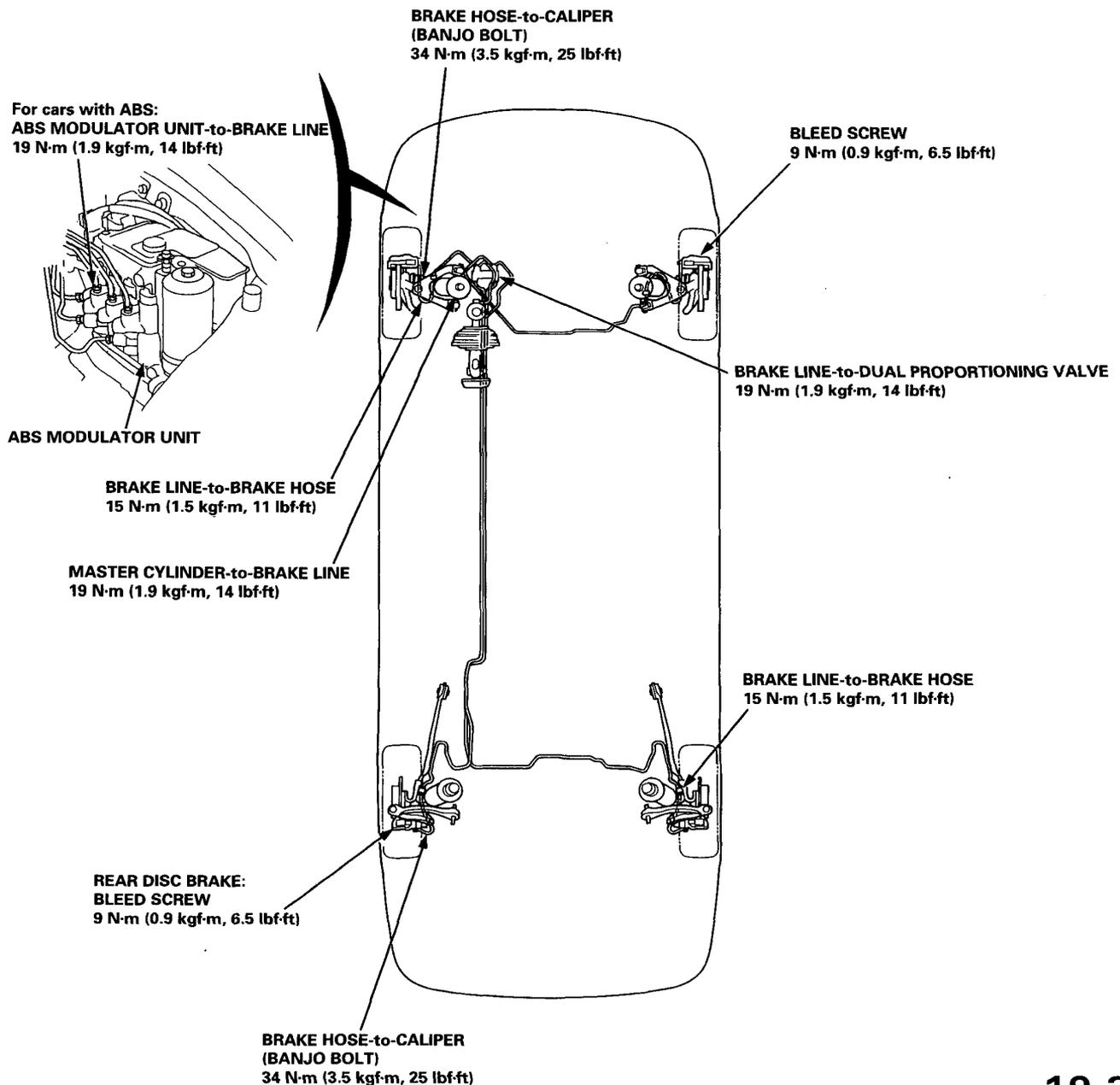


Inspection

1. Inspect the brake hoses for damage, deterioration, leaks, interference or twisting.
2. Check the brake lines for damage, rusting or leakage. Also check for bent brake lines.
3. Check for leaks at hose and line joints or connections, and retighten if necessary.
4. Check the master cylinder and ABS modulator unit for damage and leakage.

CAUTION: Replace the brake hose clip whenever the brake hose is serviced.

NOTE: This illustration is shown the LHD type for conventional brake, RHD type is symmetrical.



Read this before you do any electrical work on the car.

This model has an SRS (Type III) which includes a driver's airbag located in the steering wheel hub, and a passenger's airbag located in the dashboard above the glove box. The SRS of some models however, has only the driver's airbag. Information necessary to safely service the SRS is included in Shop Manual (62SV222). Items marked with an asterisk (*) on the contents page include, or are located near, SRS components. Servicing, disassembling or replacing these items will require special precautions and tools, and should therefore be done by an authorized Honda dealer.

⚠ WARNING

- **To avoid rendering the SRS inoperative, which could lead to personal injury or death in the event of severe frontal collision, all SRS service work must be performed by an authorized Honda dealer.**
- **Improper service procedures, including incorrect removal and installation of the SRS, could lead to personal injury caused by unintentional activation of the airbags.**
- **Do not bump the SRS unit. Otherwise, the system may fail in case of a collision, or the airbags may deploy when the ignition switch is in position ON (II).**
- **All SRS electrical wiring harnesses are covered with yellow insulation. Related components are located in the steering column, front console, dashboard, dashboard lower panel, and in the dashboard above the glove box. Do not use electrical test equipment on these circuits.**

Electrical

*Immobilizer System (KQ model)

Circuit Diagram 23-2

Control Unit Input Test 23-3

NOTE: "Immobi." in this manual means "immobilizer (immobiliser)".

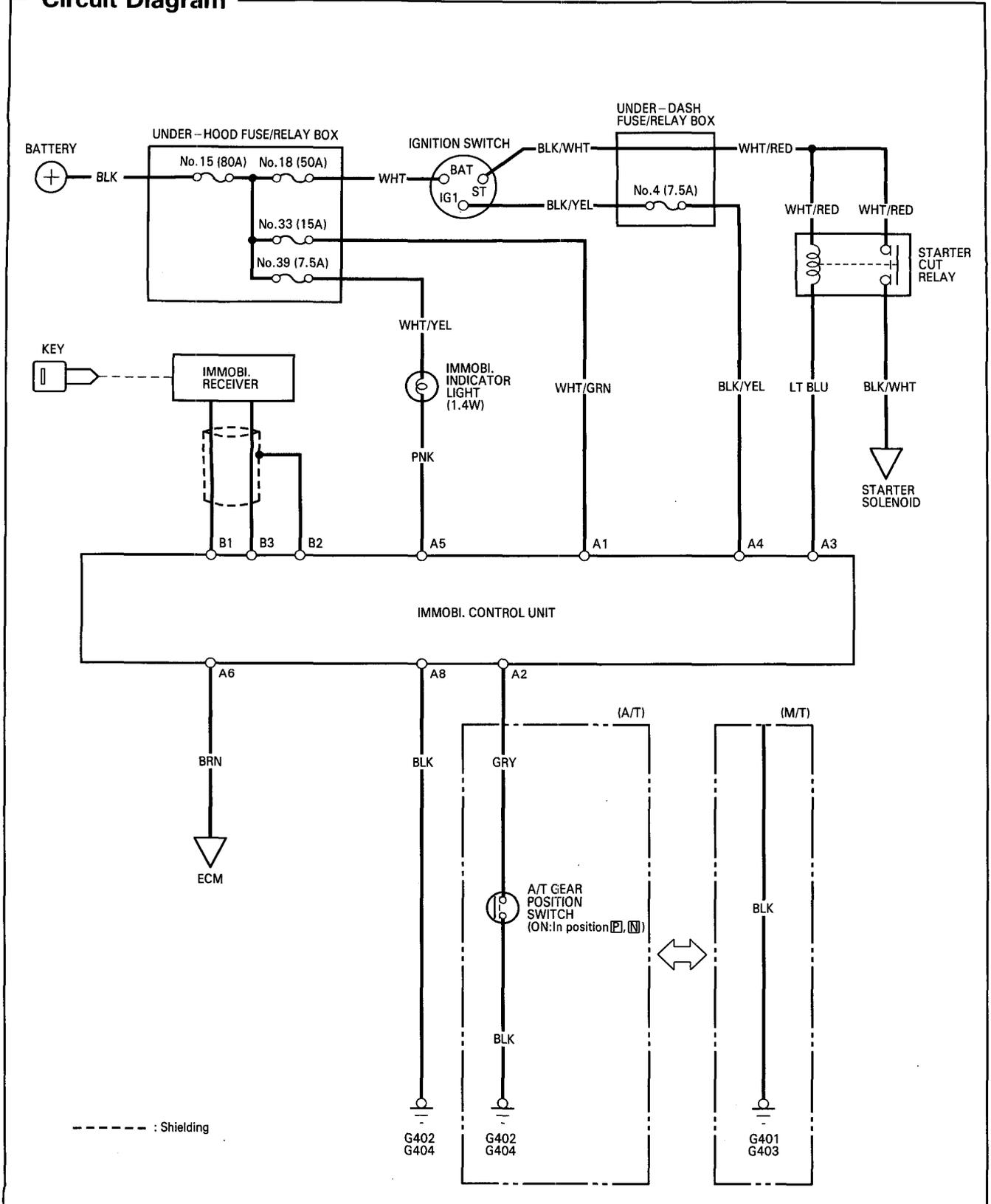
Outline of Model Change

- The immobilizer system has been added to the KQ model; related information was entered.
- For except information in this supplement; refer to the immobi. system in the '96 ACCORD COUPE, ACCORD AERO DECK/WAGON Shop Manual Supplement (62SV222).



Immobilizer System (KQ model)

Circuit Diagram





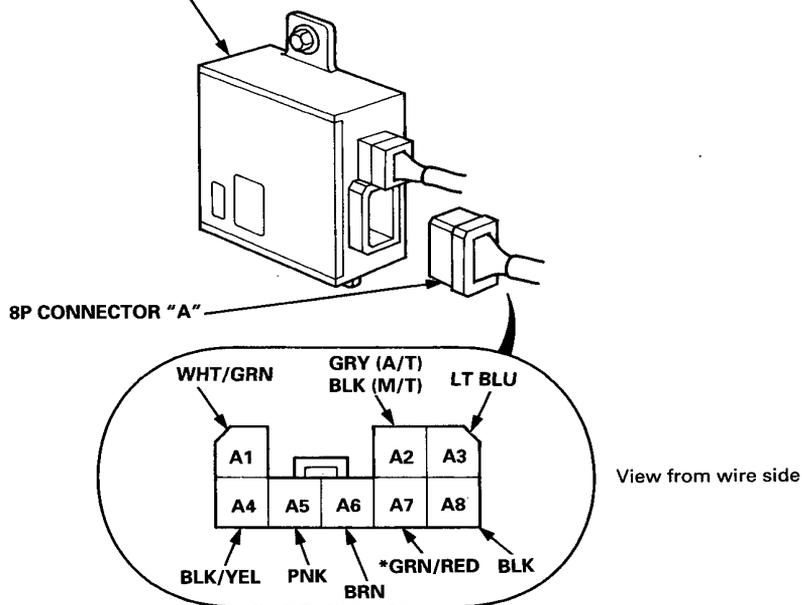
Control Unit Input Test

SRS components are located in this area. Review the SRS component locations, precautions, and procedures in the SRS sub-section before performing repairs or service.

1. Remove the front console.
2. Disconnect the 8P connector "A" from the immobi. control unit.
3. Inspect the connector and socket terminals to be sure they are all making good contact.
 - If the terminals are bent, loose, or corroded, repair them as necessary, and recheck the system.
 - If the terminals look OK, make the following input tests at the connectors.
 - If any test indicates a problem, find and correct the cause, then recheck the system.
 - If all the input tests prove OK, check the immobi. receiver and transponder.

IMMOBI. CONTROL UNIT

*GRN/RED: Not used

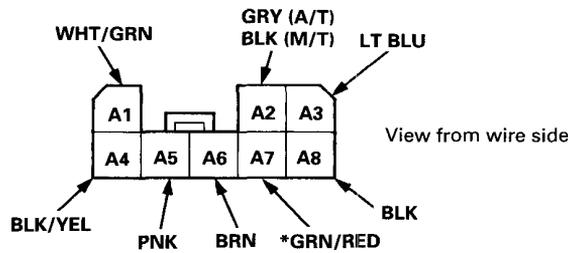


(cont'd)

Immobilizer System (KQ model)

Control Unit Input Test (cont'd)

8P CONNECTOR "A"



*GRN/RED: Not used

Terminal No.	Wire	Test condition	Test: Desired results	Possible cause if result is not obtained
A8	BLK	Under all conditions	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> • Poor ground (G402, G404) • An open in the wire
A1	WHT/GRN	Under all conditions	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 33 (15 A) fuse in the under-hood fuse/relay box • An open in the wire
A4	BLK/YEL	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage:	<ul style="list-style-type: none"> • Blown No. 4 (7.5 A) fuse in the under-dash fuse/relay box • An open in the wire
A3	LT BLU	Ignition switch START (III)	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> • Faulty starter cut relay • An open in the wire
A5	PNK	Under all conditions	Attach to ground: The immobi. Indicator light should come on.	<ul style="list-style-type: none"> • Blown No. 39 (7.5 A) fuse in the under-hood fuse/relay box • Faulty printed circuit film in the gauge assembly • Blown bulb • An open in the wire
A2	GRY (A/T)	Shift lever in position P or N	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> • Poor ground (G402, G404) • Faulty A/T gear position switch • An open in the wire
		Shift lever in any position except P and N	Check for continuity to ground: There should be no continuity.	
	BLK (M/T)	Under all conditions	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> • Poor ground (G401, G403) • An open in the wire
A6	BRN	Under all conditions	Check for continuity between the A6 terminal and the No. 2 terminal of the ECM 22P connector: There should be continuity.	<ul style="list-style-type: none"> • An open in the wire