

Part 8

SPECIFICATIONS

- Dimensions and weight
- Engine
- Fuel
- Service specifications
- Tires
- Fuses

Dimensions and weight

		Coupe	Liftback	Convertible
Overall length	mm (in.)	4495 (177.0)	4425 (174.2)	4495 (177.0)
Overall width	mm (in.)	1750 (68.9)	1750 (68.9)	1750 (68.9)
Overall height	mm (in.)	1310 (51.6) ^{*1}	1305 (51.4) ^{*1}	1325 (52.2) ^{*1}
Wheelbase	mm (in.)	2540 (100.0)	2540 (100.0)	2540 (100.0)
Front tread	mm (in.)	1515 (59.6)	1515 (59.6)	1515 (59.6)
Rear tread	mm (in.)	1495 (58.9)	1495 (58.9)	1495 (58.9)
Vehicle capacity weight (occupants + luggage)	kg (lb.)	329 (725)	329 (725)	329 (725)

^{*1}: Unladen vehicle

Engine

Model:

7A-FE and 5S-FE

Type:

4 cylinder in line, 4 cycle, gasoline

Bore and stroke, mm (in.):

7A-FE engine

81.0 X 85.5 (3.19 X 3.37)

5S-FE engine

87.0 X 91.0 (3.43 X 3.58)

Displacement, cm³ (cu. in.):

7A-FE engine

1762 (107.5)

5S-FE engine

2164 (132.0)

Fuel

Fuel type:

7A-FE engine—Unleaded gasoline, Research Octane Number 91 (Octane Rating 87) or higher

5S-FE engine—Unleaded gasoline, Research Octane Number 91 (Octane Rating 87) or higher. For improved vehicle performance, the use of premium unleaded gasoline with a Research Octane Number of 96 (Octane Rating 91) or higher is recommended.

Fuel tank capacity, L (gal., Imp. gal.):

60 (15.9, 13.2)

Service specifications

ENGINE

Valve clearance (engine cold), mm (in.)

7A-FE engine

Intake 0.15—0.25 (0.006—0.010)

Exhaust 0.25—0.35 (0.010—0.014)

5S-FE engine

Intake 0.19—0.29 (0.007—0.011)

Exhaust 0.28—0.38 (0.011—0.015)

Spark plug type:

7A-FE engine

NIPPONDENSO K16R-U

NGK BKR5EYA

5S-FE engine

NIPPONDENSO PK20R11

NGK BKR6EP11

Spark plug gap, mm (in.):

7A-FE engine 0.8 (0.031)

5S-FE engine 1.1 (0.043)

Drive belt tension measured with Bor-
oughs drive belt tension gauge No.
BT-33-73F (used belt), lbf:

7A-FE engine

Generator belt
115 ± 20

Power steering pump belt
80 ± 20

Air conditioning compressor belt
100 ± 20

5S-FE engine

Generator belt
Vehicles with air conditioning
155 ± 20

Vehicles without air conditioning
95 ± 20

Power steering pump belt
80 ± 20

ENGINE LUBRICATION

Oil capacity (drain and refill), L (qt., Imp.
qt.):

7A-FE engine

With filter 3.7 (3.9, 3.3)
Without filter 3.5 (3.7, 3.0)

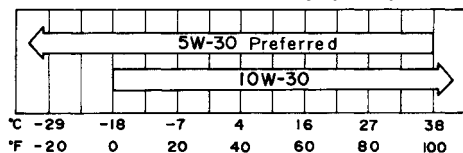
5S-FE engine

With filter 3.9 (4.1, 3.4)
Without filter 3.7 (3.9, 3.3)

Oil grade:

API SH, "Energy-Conserving II" multi-
grade engine oil or ILSAC multigrade
engine oil is recommended.

Recommended oil viscosity (SAE):



Temperature range anticipated before next oil change
80040-L03U

COOLING SYSTEM

Total capacity, L (qt., Imp.):

7A-FE engine

With manual transaxle 6.1 (6.4, 5.4)

With automatic transaxle 6.6 (7.0, 5.8)

5S-FE engine

With manual transaxle 6.7 (7.1, 5.9)

With automatic transaxle 7.1 (7.5, 6.2)

Coolant type:

With ethylene-glycol antifreeze
(Do not use alcohol type.)

BATTERY

—Maintenance type battery

Specific gravity reading at 20°C (68°F):

1.260 Fully charged

1.160 Half charged

1.060 Discharged

—Non-maintenance battery

Open voltage* at 20°C (68°F):

12.7 V Fully charged

12.3 V Half charged

11.9 V Discharged

*: Voltage that is checked 20 minutes
after the key is removed with all the lights
turned off

Charging rates:	
Non-maintenance battery	5 A max.
Maintenance type battery	
Quick charge	15 A max.
Slow charge	5 A max.

CLUTCH

Pedal freeplay, mm (in.):
5—15 (0.2—0.6)

Fluid type:
SAE J1703 or FMVSS No. 116
DOT 3

MANUAL TRANSAXLE

Oil capacity, L (qt., Imp. qt.):
7A-FE engine
1.9 (2.0, 1.7)
5S-FE engine
2.6 (2.7, 2.3)

Oil type:
Multipurpose gear oil API GL-4 or
GL-5

Recommended oil viscosity:
SAE 75W-90

AUTOMATIC TRANSAXLE

7A-FE engine
Fluid capacity (drain and refill),
L (qt., Imp. qt.):
Up to 3.1 (3.3, 2.7)

5S-FE engine
Automatic transmission
Fluid capacity (drain and refill),
L (qt., Imp. qt.):
Up to 2.5 (2.6, 2.2)

Differential
Fluid capacity, L (qt., Imp. qt.):
1.6 (1.7, 1.4)

Fluid type:
Automatic transmission fluid D-II or
DEXRON®III (DEXRON®II)

BRAKES

Minimum pedal clearance when de-
pressed with the pressure of 490 N (50
kgf, 110 lbf) with the engine running, mm
(in.):

7A-FE engine	75 (3.0)
5S-FE engine	80 (3.1)

Pedal freeplay, mm (in.):
1—6 (0.04—0.24)

Pad wear limit, mm (in.):
1.0 (0.04)

Lining wear limit, mm (in.):
1.0 (0.04)

Parking brake adjustment when pulled
with the force of 196 N (20 kgf, 44 lbf):
4-7 clicks

Fluid type:
SAE J1703 or FMVSS No. 116 DOT 3

STEERING

Wheel freeplay:
Less than 30 mm (1.2 in.)

Power steering fluid type:
Automatic transmission fluid
DEXRON®II or III

Tires

Tire size:

Spare tire

U.S.A.

T125/70D16

Canada

7A-FE engine

185/70R14 88S

P185/70R14 87S

205/55R15 87V

5S-FE engine

205/55R15 87V

P205/55R15 87V

Except spare tire

7A-FE engine

185/70R14 88S

P185/70R14 87S

205/55R15 87V

P205/55R15 87V

5S-FE engine

205/55R15 87V

P205/55R15 87V

Tire pressure, kPa (kgf/cm² or bar, psi):

185/70R14 88S and P185/70R14 87S

Front 200 (2.0, 29)

Rear 200 (2.0, 29)

205/55R15 87V and P205/55R15 87V

Front 230 (2.3, 33)

Rear 230 (2.3, 33)

T125/70D16 420 (4.2, 60)

Wheel size:

185/70R14 88S and P185/70R14 87S

14 x 6JJ

205/55R15 87V and P205/55R15 87V

15 x 6 1/2JJ

15 x 7JJ

T125/70D16

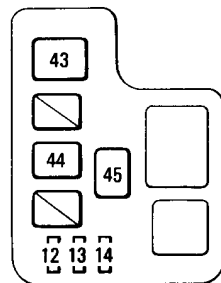
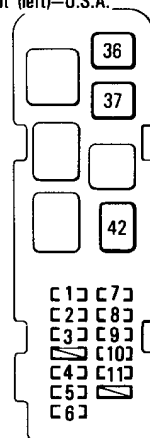
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Wheel nut torque, N·m (kgf·m, ft·lbf):

103 (10.5, 76)

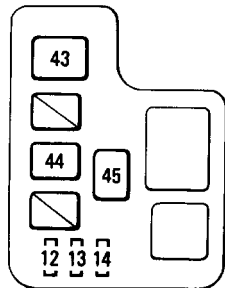
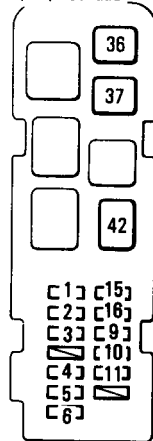
Fuses

Engine compartment (left)—U.S.A.



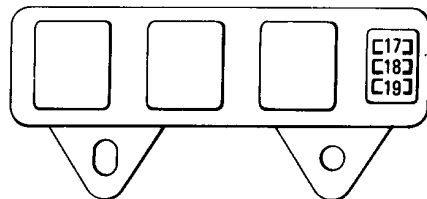
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Engine compartment (left)—Canada



80050G01

Engine compartment (front)—Canada only

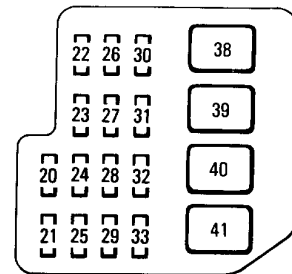


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Fuses (type A)

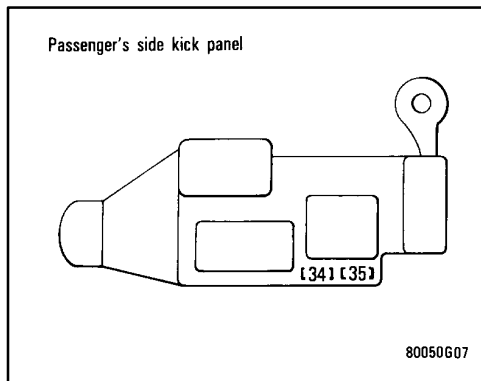
- 1 **AM2 30 A:** Starting system
- 2 **HAZARD 10A:** Emergency flashers
- 3 **HORN 7.5 A:** Horns
- 4 **Radio NO.120 A:** Car audio system
- 5 **ECU-B 15 A:** Anti-lock brake system, cruise control system
- 6 **DOME 10 A:** Interior lights, personal lights, luggage compartment light, trunk light, door courtesy lights, clock
- 7 **HEAD (LH) 15 A:** Left-hand headlight
- 8 **HEAD (RH) 15 A:** Right-hand headlight

Instrument panel



80050G03

- 9 **SPARE:** Spare fuse
- 10 **SPARE:** Spare fuse
- 11 **SPARE:** Spare fuse
- 12 **ALT-S 7.5 A:** Charging system
- 13 **SRS WRN 7.5 A:** SRS airbag warning light
- 14 **EFI 15 A:** Multiport fuel injection system/sequential multiport fuel injection system
- 15 **HEAD (LH) LO 15 A:** Left-hand headlight (low beam)
- 16 **HEAD (RH) LO 15 A:** Right-hand headlight (low beam)
- 17 **HEAD-HI (RH) 15 A:** Right-hand headlight (high beam)



18 HEAD-HI (LH) 15 A: Left-hand headlight (high beam)

19 DRL 7.5 A: Daytime running light system

20 ECU-IG 15 A: Electronically controlled automatic transmission system, anti-lock brake system

21 SEAT-HTR 20 A: No circuit

22 PANEL 7.5 A: Instrument panel lights

23 STOP 15 A: Stop lights, high mounted stoplight, multiport fuel injection system/sequential multiport fuel injection system, cruise control system cancel device, electronically controlled automatic

transmission system, anti-lock brake system

24 FOG 20 A: Front fog lights

25 CIG & RAD 15 A: Cigarette lighter, digital clock display, car audio system

26 IGN 7.5 A: Charging system, discharge warning light, multiport fuel injection system/sequential multiport fuel injection system, SRS airbag system

27 WIPER 20 A: Windshield wipers and washer, rear window wiper and washer

28 MIR-HTR 10 A: Multiport fuel injection system/sequential multiport fuel injection system

29 TURN 10 A: Turn signal lights, emergency flashers

30 TAIL 15 A: Tail lights, parking lights, front side marker lights, rear side marker lights, license plate lights

31 HTR 10 A: Air conditioning system, rear window defogger

32 GAUGE 10 A: Gauges and meters, power door lock system

33 ST 7.5 A: Starting system, multiport fuel injection system/sequential multiport fuel injection system

34 A/C 10 A: Air conditioning system

35 OBD II 7.5A: On-board diagnosis system

Fuses (type B)

36 RDI 30 A: Electric cooling fan

37 CDS 30 A: Electric cooling fan

38 AM1 40 A: Electronic ignition system/distributor ignition system

39 DOOR 30 A: Power door lock system, convertible top control system

40 DEF 30 A: Rear window defogger

41 POWER 30 A: Power windows, electric moon roof

Fuses (type C)

42 HTR 40 A: Air conditioning system

43 ALT 100 A: "ALT-S", "TAIL", "DOOR", "DEF" and "POWER" fuses

44 MAIN 60 A: Starting system, headlights, "AM2", "HAZARD", "HORN", "DOME" and "RADIO" fuses

45 ABS 50 A: Anti-lock brake system