

Part 8

SPECIFICATIONS

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

Dimensions and weight

		2-door models		4-door models	
		215/70R16 tires	235/60R16 tires	215/70R16 tires	235/60R16 tires
Overall length	mm (in.)	3740 (147.2)	3755 (147.8)	4150 (163.4)	4165 (164.0)
Overall width	mm (in.)	1695 (66.7)	1760 (69.3)	1695 (66.7)	1760 (69.3)
Overall height	mm (in.)	1655 (65.2) ^{*1} 1645 (64.8) ^{*2}	1636 (64.4)	1660 (65.4) ^{*1} 1650 (65.0) ^{*2}	1640 (64.6)
Wheelbase	mm (in.)	2200 (86.6)	2200 (86.6)	2410 (94.9)	2410 (94.9)
Front tread	mm (in.)	1460 (57.5)	1480 (58.3)	1460 (57.5)	1480 (58.3)
Rear tread	mm (in.)	1465 (57.7) ^{*3} 1470 (57.9) ^{*4}	1490 (58.7)	1465 (57.7) ^{*3} 1470 (57.9) ^{*4}	1490 (58.7)
Vehicle capacity weight (occupants + luggage)	kg(lb)	720 (1588)		801 (1766) ^{*3} 794 (1751) ^{*4}	

- ^{*1}:Unladen vehicle (four-wheel drive models)
- ^{*2}:Unladen vehicle (two-wheel drive models)
- ^{*3}:Four-wheel drive models
- ^{*4}:Two-wheel drive models

Engine

Model:
3S-FE
Type:
4 cylinder in line, 4 cycle, gasoline
Bore and stroke, mm (in.):
86.0 X 86.0 (3.39 X 3.39)
Displacement, cm³ (cu. in):
1998 (121.9)

Fuel

Fuel type:
unleaded gasoline, Research Octane
Number 91 (Octane rating 87) or
higher
Fuel tank capacity, L (gal., Imp. gal.):
58 (15.3, 12.8)

Service specifications

ENGINE

Valve clearance (engine cold), mm (in.)
Intake 0.19—0.29 (0.007—0.011)
Exhaust 0.28—0.38 (0.011—0.015)
Spark plug type:
NIPPONDENSO PK20R11
NGK BKR6EP-11
Spark plug gap, mm (in.):
1.1 (0.043)

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

Generator belt	95 ± 20
Air conditioning compressor belt	66 - 99
Power steering pump belt	80 ± 20

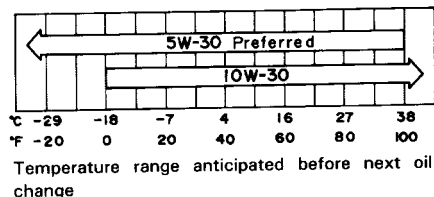
ENGINE LUBRICATION

Oil capacity (drain and refill),
L (qt., Imp. qt.):
With filter
4.1 (4.3, 3.6)
Without filter
3.9 (4.1, 3.4)

Oil grade:

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

Recommended oil viscosity (SAE):



60040-L03 U

COOLING SYSTEM

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

Manual Transmission

8.0 (8.5, 7.0)

Automatic transmission

7.7 (8.1, 6.8)

Coolant type:

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

BATTERY

Open voltage* at 20 °C (68 °F):

12.6—12.8 V Fully charged

12.2—12.4 V Half charged

11.8—12.0 V Discharged

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

Charging rates:

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.):

Two-wheel drive models

3.9 (4.1, 3.4)

Four-wheel drive models

5.0 (5.3, 4.4)

Oil type:

Two-wheel drive models

Multipurpose gear oil API
GL-4 or GL-5

Four-wheel drive models

Multipurpose gear oil API
GL-5

Recommended oil viscosity:

SAE 75W-90

AUTOMATIC TRANSAXLE

Fluid capacity (drain and refill),

L (qt., Imp. qt.):

Two-wheel drive models

Up to 3.3 (3.5, 2.9)

Four-wheel drive models

Up to 7.0 (7.4, 6.2)

Fluid type:

Two-wheel drive models

Automatic transmission fluid
D-II or DEXRON®III (DEX
RON®II)

Four-wheel drive models

Toyota automatic transaxle
fluid Type T or equivalent

TRANSFER

(four-wheel drive models with an automatic transaxle)

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

0.7 (0.7, 0.6)

Oil type:

Multipurpose gear oil API GL-5

Recommended oil viscosity:

SAE 75W-90

REAR DIFFERENTIAL

(four-wheel drive models)

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

0.9 (1.0, 0.8)

Oil type:

Hypoid gear oil API GL-5

Recommended oil viscosity:

Above -18 °C (0 °F)

SAE 90

Below -18 °C (0 °F)

SAE 80W or 80W-90

BRAKES

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

75 (3.0)

Pedal freeplay, mm (in.):

1—6 (0.04—0.24)

Pad wear limit, in. (mm):

1.0 (0.04)

Lining wear limit, in. (mm):

1.0 (0.04)

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

5—8 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 and pressure:

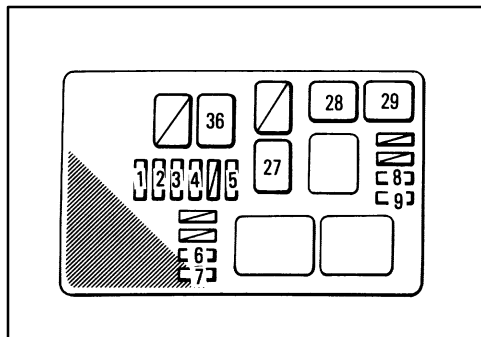
Model	Tire size	Tire pressure kpa (kgf/cm ² or bar, psi)		Wheel size
		Front	Rear	
2-door models	215/70R 16 99S	180 (1.8, 26)	180 (1.8, 26)	16 X 6JJ 16 X 6.5JJ*
	235/60R 16 100H	170 (1.7, 25)	170 (1.7, 25)	16 X 6.5 JJ
4-door models	215/70R 16 99S	190 (1.9, 28)	180 (1.8, 26)	16 x 6JJ 16 X 6.5JJ *
	235/60R 16 100H	170 (1.7, 25)	170 (1.7, 25)	16 X 6.5JJ

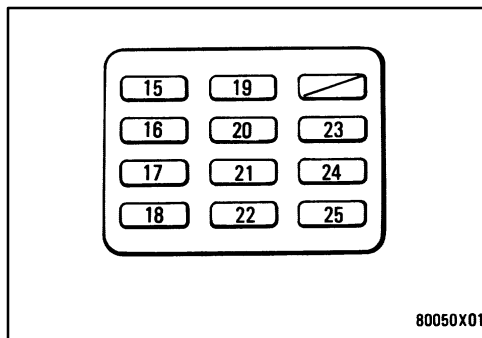
Wheel nut torque, N • m (kgf • m, f • lbf):

103 (10.5, 76)

*: Vehicles with aluminum wheel

Fuses





Instrument panel

19 DEF-I/UP 7.5A: Multiport fuel injection system/sequential multiport fuel injection system

20 IGN 7.5A: Multiport fuel injection system/sequential multiport fuel injection system, discharge warning light

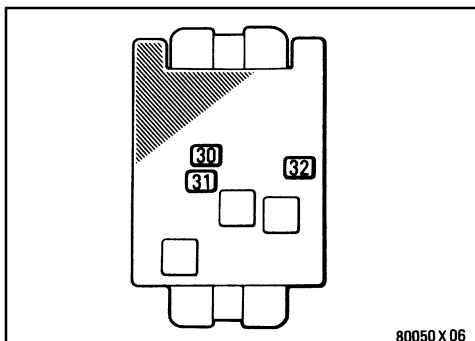
21 ECU-IG, 7.5A: Anti-lock brake system, electronically controlled automatic transmission system

22 WIPER 20A: Windshield wipers and washer, rear wiper and washer

23 SRS 7.5A: SRS airbag system

24 OBD 7.5A: On-board diagnosis system

25 STOP 10A: Stop lights



Instrument panel

26 A/C 7.5A: Air conditioning system
Fuses (type B)

27 MAIN No. 1 30A: Starting system, headlights

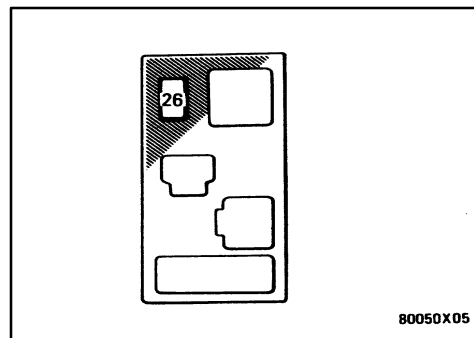
28 RDI FAN 30A: Electric cooling fan

29 CDS FAN 30A: Electric cooling fan

30 POWER 30A: Power windows, power door lock system

31 DEF 30A: Rear window defogger

32 AM1 40A: "CIG & RAD", "WIPER", "GAUGE", "ECU-IG", "TURN" and "TAIL" fuses



Passenger's side kick panel

Fuses (type C)

33 Main 80A: "AM2", "HAZ-HORN", "EFI", "DOME", "RADIO" and "ALT-S" fuses

34 ALT 100A: Tail lights, "ABS", "RADIO", "HTR", "AM1", "POWER", "STOP" and "DEF" fuses

35 HTR 50A: Air conditioning system

36 ABS 60A: Anti-lock brake system