

Part 8

SPECIFICATIONS

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Dimensions and weight

Overall length	mm (in.)	4830 (190.1)
Overall width	mm (in.)	1785 (70.2)
Overall height	mm (in.)	1440 (56.7)* ¹
Wheelbase	mm (in.)	2720 (107.0)
Front tread	mm (in.)	1550 (61.0)
Rear tread	mm (in.)	1525 (60.0)
Vehicle capacity weight (occupants + luggage)	kg (lb.)	410 (904)* ² 478 (1054)* ³

*1: Unladen vehicle

*2: With floor shift type automatic transmission

*3: With column shift type automatic transmission

Engine

Model:

1MZ-FE

Type:

6 cylinder V type 4 cycle, gasoline

Bore and stroke, mm (in.):

87.5 x 83.0 (3.44 x 3.27)

Displacement, cm³ (cu. in.):

2995 (182.8)

Fuel

Fuel type:

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.):

70 (18.5, 15.4)

Service specifications

ENGINE

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

Intake 0.15—0.25 (0.006—0.010)

Exhaust 0.25—0.35 (0.010—0.014)

Spark plug type:

NIPPONDENSO PK20TR11

NGK BKR6EKP11

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

115 ± 10

Power steering pump belt

115 ± 20

ENGINE LUBRICATION

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

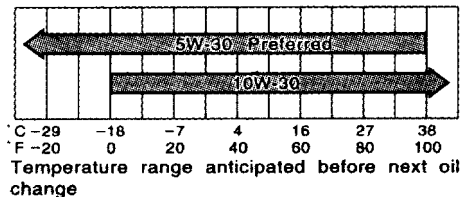
With filter 4.7 (5.0, 4.1)

Without filter 4.5 (4.8, 4.0)

Oil grade:

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

Recommended oil viscosity (SAE):



L70010

COOLING SYSTEM

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

9.3 (9.8, 8.2)

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 type 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.

AUTOMATIC TRANSAXLE

Automatic transmission

Fluid capacity (drain and refill),

L (qt., Imp. qt.):

Up to 3.5 (3.7, 3.1)

Differential

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

0.85 (0.9, 0.7)

Fluid type:

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

BRAKES

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

70 (2.8)

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 294 N (30 kgf, 66.1 lbf):

3-6clicks

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:

P2.5/65R 15 92H

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

Front 220 (2.2, 32)

Rear 220 (2.2, 32)

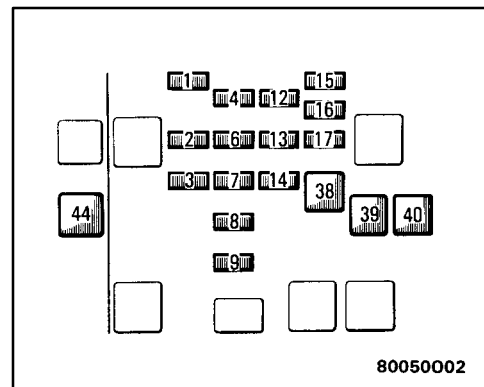
Wheel size:

15 x 6JJ

Wheel nut torque, N·m (kgfm, ft·lbf):

103 (10.5, 76)

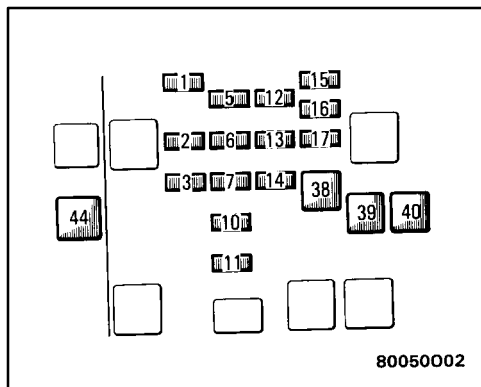
Fuses



Engine compartment (U.S.A.)

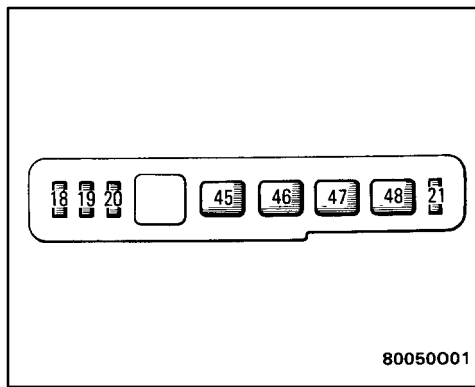
Fuses (type A)

1. **7.5 A:** Spare fuse
2. **EFI 15 A:** Multiport fuel injection system/sequential multiport fuel injection system, air conditioning control system, electrical idle-up system, electronically controlled automatic transmission system
3. **HORN 10 A:** Horn
4. **OBD. TRAC 7.5 A:** On-board diagnosis system
5. **OBD 7.5 A:** On-board diagnosis system



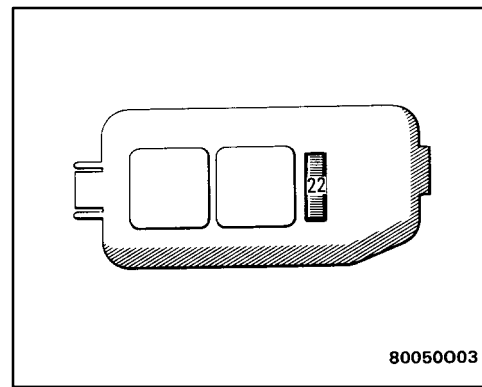
Engine compartment (Canada)

- 6. HAZ 10 A:** Turn signal lights, emergency flasher
- 7. DOME 7.5 A:** Interior light, personal light, vanity mirror light, door courtesy light, ignition switch light, trunk light, power door lock control, locking with wireless remote control system, theft deterrent system, automatic light control system, daytime running light system, service reminder indicators and warning buzzer, clock
- 8. HEAD (LH) 15 A:** Left-hand headlight
- 9. HEAD (RH) 15 A:** Right-hand headlight



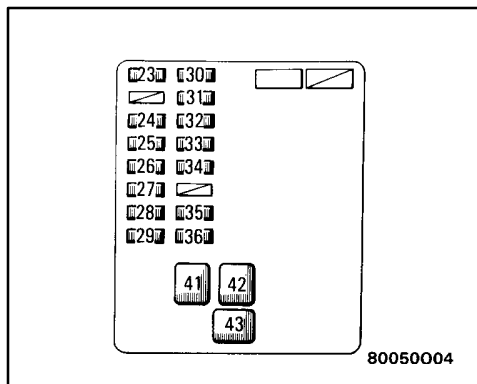
Engine compartment

- 10. HEAD HI (LH) 15 A:** Left-hand headlight (high beam)
- 11. HEAD HI (RH) 15 A:** Right-hand headlight (high beam)
- 12. ALT-S 5 A:** Charging system
- 13. AM2 30 A:** Gauge and meters, SRS airbag system, Multiport fuel injection system/sequential multiport fuel injection system, starter system
- 14. ECU-B 5 A:** Cruise control system, air conditioning control system
- 15. 15 A:** Spare fuse
- 16. 30 A:** Spare fuse



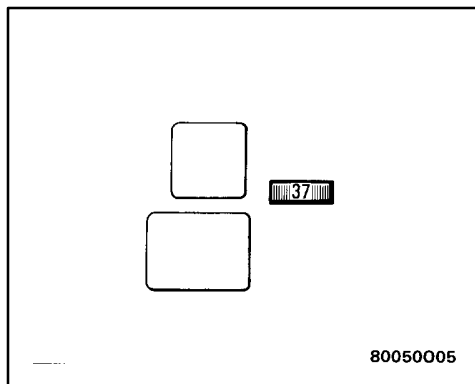
Engine compartment (Canada only)

- 17. TEL 15 A:** No circuit
- 18. HEAD LO (LH) 10 A:** Left-hand headlight (low beam)
- 19. HEAD LO (RH) 10 A:** Right-hand headlight (low beam)
- 20. RAD NO.1 15 A:** Audio system
- 21. FOG 15 A:** No circuit
- 22. DRL 5 A:** Daytime running light system
- 23. SRS 5 A:** SRS airbag system
- 24. IGN 5 A:** Gauge and meters, SRS airbag system, Multiport fuel injection system/sequential multiport fuel injection system



Instrument panel

- 25. SEAT HEATER 20 A:** Seat heater
- 26. TURN 7.5 A:** Turn signal lights, emergency flasher
- 27. ECU-IG 10 A:** Cruise control system, anti-lock brake system, shift lock system, power antenna, power door lock system, electric cooling fan
- 28. WIPER 20 A:** Windshield wipers and washer, headlight cleaner



Passenger's side kick panel

- 29. GAUGE 7.5 A:** Gauge and meter, buck-up lights, interior lights, charging system, electronically controlled automatic transmission system, cruise control system, power door lock system, service reminder indicators and warning buzzer, automatic light control system, daytime running light system
- 30. TAIL 15 A:** Parking lights, license plate lights, tail lights, front side marker lights

31. STOP 15 A: Stop lights, cruise control system, high mounted stoplight, anti/lock brake system, shift lock system, multiport fuel injection system/sequential multiport fuel injection system

32. PANEL 5 A: Gauge and meter, Audio system, cigarette lighter, glovebox light, clock, electronically controlled automatic transmission system, air conditioning control system, service reminder indicators, turn signal lights, emergency flasher, headlight cleaner, seat heater

33. MIRROR HEATER 10 A: Mirror heaters

34. CIG/RADIO 15 A: Cigarette lighter, interior lights, clock, SRS airbag system, shift lock system, power antenna, electronically controlled automatic transmission system, air conditioning control system, ignition system, theft deterrent system, outside rear view mirror control system, Audio system, service reminder indicators

35. HEATER 10 A: Air conditioning control system, rear window defogger, starter system

36. STARTER 5 A: Starter system

37. A.C 10 A: Air conditioning control system

Fuses (type B)

38.MAIN 40 A: "HEAD (LH)", "HEAD HI (LH)", "HEAD (RH)" and "HEAD HI (RH)" fuses

39.RDI 30 A: Electric cooling fan

40.CDS 30 A: Electric cooling fan

41.DOOR 30 A: Power door lock system, power seat

42.RR DEF 40 A: Rear window defogger

43.POWER 30 A: Power window, electric moon roof

Fuses (type C)

44.ALT 120 A: "RDI FAN", "CDS" fuses

45.AM1 80 A: "RR DEF", "DOOR", "POWER", "TAIL", "PANEL", "DEF I/UP", "SEAT HEATER", "SRS" and "STOP" fuses

46.ABS 60 A: Anti-lock brake system

47.IG SW 40 A: "CIG/RADIO" and "GAUGE" fuses

48.48HTR 50 A: "A.C." fuse

