

MAINTENANCE INFORMATION

1994 Mitsubishi 3000GT

1991-95 MAINTENANCE
Mitsubishi Maintenance Information

3000GT

* PLEASE READ THIS FIRST *

NOTE: For scheduled maintenance intervals and the related fluid capacities, fluid specifications and labor times for major service intervals, see SCHEDULED SERVICES article below:

- * SCHEDULED SERVICES - TURBO
- * SCHEDULED SERVICES - NON-TURBO

Warranty information and specifications for fluid capacities, lubrication specifications, wheel and tire size, and battery type are covered in this article.

MODEL IDENTIFICATION

VIN LOCATION

The Vehicle Identification Number (VIN) is located on the left side of the dash panel at the base of the windshield. The VIN chart explains the code characters.

VIN CODE ID EXPLANATION

Numbers preceding the explanations in the legend below refer to the sequence of characters as listed on VIN identification label. See VIN example below.

(VIN)	J	A	3	X	E	7	4	B	1	M	Y	0	0	0	0	0	3
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

1 - Country Of Origin

J * Japan

2 - Vehicle Make

A * Mitsubishi

3 - Type Of Vehicle

3 * Passenger Car

4 - Others

A * Driver & Passenger Air Bag

X * Driver Air Bag, Passenger Manual Seat Belt

5 - Vehicle Line

D * 3000GT 2WD (1991-92)

E * 3000GT AWD (1991-92)

M * 3000GT 2WD (1993-95)

N * 3000GT AWD (1993-95)

6 - Price Class

5 * Premium

- 6 * Special
- 7 * Ultimate
- 7 - Body Style
 - 4 * 3-Door Hatchback
- 8 - Engine Type
 - B * 3.0L DOHC (1991-92)
 - C * 3.0L DOHC Turbo (1991-92)
 - J * 3.0L DOHC (1993-95)
 - K * 3.0L DOHC Turbo (1993-95)
- 9 - Check Digit
 - * 0 Through 9, Or X
- 10 - Model Year
 - M * 1991
 - N * 1992
 - P * 1993
 - R * 1994
 - S * 1995
- 11 - Assembly Plant
 - Y * Nagoya, Japan
- 12-17 - Serial Number
 - * Sequential Production Number

MAINTENANCE SERVICE INFORMATION

SEVERE & NORMAL SERVICE DEFINITIONS

NOTE: Use the Severe Service schedule if the vehicle to be serviced is operated under ANY (one or more) of these conditions:

Service is recommended at mileage intervals based on vehicle operation. Service schedules are based on the following primary operating conditions:

Normal Service

- * Driven More Than 10 Miles Daily
- * No Operating Conditions From Severe Service Schedule

Severe Service (Unique Driving Conditions)

- * Driving In Dusty Conditions
- * Police, Taxi, Or Commercial Operation
- * Extensive Idling
- * Short-Trip Operation At Freezing Temperatures
- * Driving In Sandy Conditions
- * Driving In Salty Areas
- * More Than 50% Operation In Heavy Traffic During Hot Weather
- * Driving Off-Road

CAMSHAFT TIMING BELT

CAUTION: Failure to replace a faulty camshaft timing belt may result in serious engine damage.

The condition of camshaft drive belts should always be checked on vehicles which have more than 50,000 miles. Although some

manufacturers do not recommend belt replacement at a specified mileage, others require it at 60,000-100,000 miles. A camshaft drive belt failure may cause extensive damage to internal engine components on most engines, although some designs do not allow piston-to-valve contact. These designs are often called "Free Wheeling".

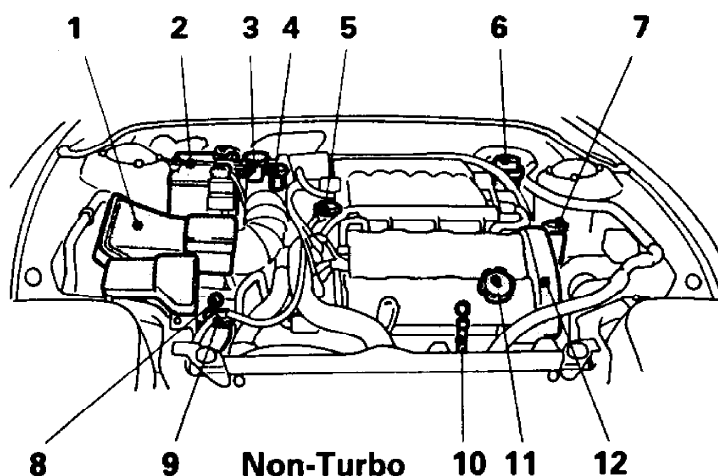
Many manufacturers changed their maintenance and warranty schedules in the mid-1980's to reflect timing belt inspection and/or replacement at 50,000-60,000 miles. Most service interval schedules in this manual reflect these changes.

Belts or components should be inspected and replaced if any of the following conditions exist:

- * Cracks Or Tears In Belt Surface
- * Missing, Damaged, Cracked Or Rounded Teeth
- * Oil Contamination
- * Damaged Or Faulty Tensioners
- * Incorrect Tension Adjustment

Replace camshaft timing belt at 60,000 mile intervals.

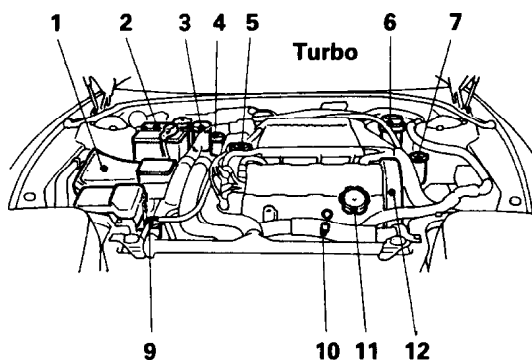
SERVICE POINT LOCATIONS



- 1- Air cleaner element
- 2- Battery
- 3- Windshield washer reservoir
- 4- Clutch fluid reservoir
(Cars with manual transaxle)
- 5- Radiator cap
- 6- Brake fluid reservoir
- 7- Power steering reservoir
- 8- Automatic transaxle fluid level dipstick
- 9- Engine coolant reservoir
- 10- Engine oil level dipstick
- 11- Engine oil filler cap
- 12- Drive belts

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Fig. 1: Service Point Locations (Non-Turbo)
Courtesy of Mitsubishi Motor Sales of America.

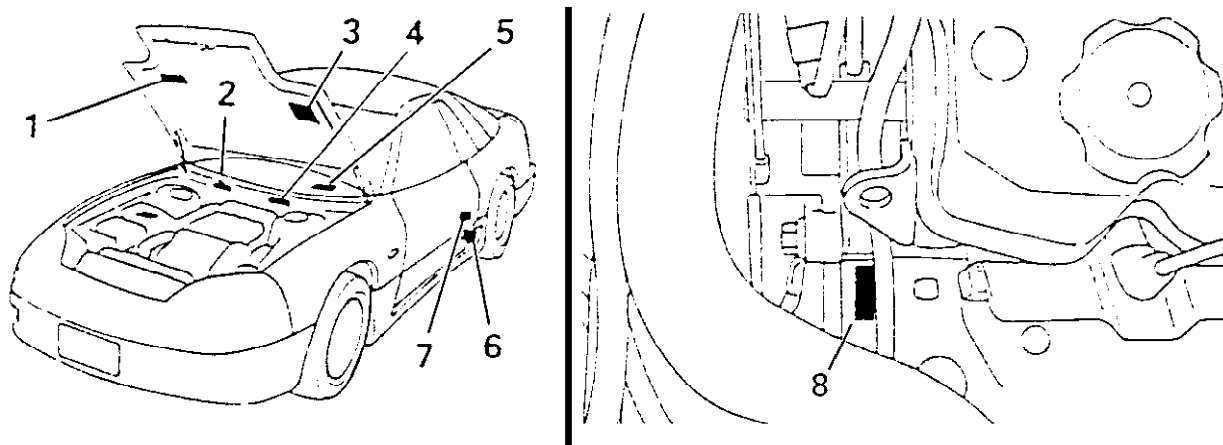


- 1- Air cleaner element
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(Cars with manual transaxle)
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- 8- Automatic transaxle fluid level dipstick
- 9- Engine coolant reservoir
- 10- Engine oil level dipstick
- 11- Engine oil filler cap
- 12- Drive belts

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Fig. 2: Service Point Locations (Turbo)
Courtesy of Mitsubishi Motor Sales of America.

INFORMATION LABEL LOCATIONS



- 1 - Vehicle Emission Control Information Label
- 2 - Chassis Number
- 3 - Service Points Label
- 4 - Vehicle Information Code Plate

- 5 - Vehicle Identification Number Plate
- 6 - Certification Label
- 7 - Tire Inflation Pressure Label
- 8 - Engine Serial Number

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Fig. 3: Information Label Locations
Courtesy of Mitsubishi Motor Sales of America.

SERVICE LABOR TIMES

SERVICE LABOR TIMES TABLE (HOURS)

Application	(1) 30,000 Mile Service	(1) 60,000 Mile Service
3.0L DOHC		
Automatic Transmission	3.0	8.5
Manual Transmission	2.0	7.5
3.0L DOHC Turbo		
Automatic Transmission	3.0	9.0
Manual Transmission	2.0	8.0

(1) - Add .4 hour for AWD model.

LUBRICATION SPECIFICATIONS

LUBRICATION SPECIFICATIONS TABLE

Application	Fluid Specifications
Brake & Clutch Master Cylinder Fluid	Brake Fluid DOT 3 Or DOT 4
Cooling System Fluid	Ethylene/Glycol Antifreeze
Engine Oil	
Non-Turbo	
Minimum Temperature	
Greater Than 32°F (0°C)	SAE 20W-40 Or 20W-50 API SH/CD

Greater Than -10°F (-23°C)	SAE 10W-30, 10W-40 Or 10W-50 API SH/CD
Maximum Temperature Less Than 60°F (16°C)	SAE 5W-30 API SH/CD
Turbo Minimum Temperature Greater Than 32°F (0°C)	SAE 20W-40 Or 20W-50 API SH/CD
Greater Than -10°F (-23°C)	SAE 10W-30, 10W-40 Or 10W-50 API SH/CD
Maximum Temperature Less Than 60°F (16°C)	SAE 5W-30 API SH/CD
Power Steering Fluid	Dexron-IIIE Or Diamond SP ATF
Rear Drive Axles Minimum Temperature More Than -10°F (-23°C)	SAE 90, 85W-90 Or 80W-90 API Classification GL-5 Or Higher
More Than -30°F to -10°F (-34°C to -23°C)	SAE 80W, Or 80W-90 API Classification GL-5 Or Higher
Maximum Temperature Less Than -30°F (-34°C)	SAE 75W API Classification GL-5 Or Higher
Manual Transaxle	SAE 75W-90W Or 75W-85W API Classification GL-4 Or Higher
Automatic Transaxle	Diamond ATF SP Or Equivalent
Transfer Case	SAE 75W-90W Or 75W-85W API GL-4 Or Higher

FLUID CAPACITIES

FLUID CAPACITIES TABLE (1)

Application	Quantity
A/C System R-12 Refrigerant	
1991-92	34 Ozs.
1993	29 Ozs.
A/C System R-134a Refrigerant (2)	
1994-95	26-28 Ozs.
Cooling System	8.0 Qts. (8.0L)
Engine Oil	
Non-Turbo	4.5 Qts. (4.3L)
Turbo (W/Oil Cooler)	4.9 Qts. (4.6L)
Cooling System	8.5 Qts. (8.0L)
Automatic Transaxle	7.9 Qts. (7.5L)
Manual Transaxle	
Non-Turbo	2.1 Qts. (2.0L)
Turbo	
FWD	2.4 Qts. (2.3L)
AWD	2.5 Qts. (2.4L)
Transfer Case	
1991 & 1995	.63 Qt. (0.6L)
1992-93	.29 Qt. (.27L)
1994	.42 Qt. (0.4L)
Differential (Rear Axle)	1.2 Qts. (1.1L)
Power Steering (2WS)	0.95 Qts. (0.9L)
Power Steering (4WS)	1.6 Qts. (1.5L)
Fuel Tank	19.8 Gals. (75L)

(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.

(2) - Use of R-12 in a R134a system will result in SEVERE DAMAGE

WHEEL & TIRE SPECIFICATIONS

TIRE INFLATION

Tire pressure specification decal is attached to the rear face of the driver's door. Inflation pressures listed on decal are always cold inflation pressure. The cold inflation pressure must never exceed the maximum values molded into the tire side wall.

NOTE: Cold inflation pressure is defined as the tire pressure after the vehicle has not been driven for 3 hours, or driven less than a mile after being parked for a 3 hour period.

WHEEL & TIRE SPECIFICATIONS TABLE

Wheel Size	Tire Size
6JJ x 15	P205/65 R15
8JJ x 16	P225/55 R16
8 1/2J x 17	P245/45 R17
4 x 16 Temporary Spare	T125 Or T135/90 D16

NOTE: DO NOT use snow chains on AWD cars. AWD vehicles are equipped with 245/45ZR17 tires and clearance between chains and body is so slight that body damage may result. If necessary, change tires to 225/55R16 and use chains on rear wheels. Use snow chains on front wheels only on FWD cars. Prolonged driving with chains on tires may result in damage to upper sidewall of radial tires even with proper chain size.

WHEEL TORQUE SPECIFICATIONS

Tighten aluminum wheel lug nuts to 87-101 ft. lbs. (120-140 N.m). Tighten polycast or steel wheel lug nuts to 65-80 ft. lbs. (88-108 N.m). Always tighten wheel lug nuts in a crisscross pattern. All wheel lug nuts have right-hand threads.

BATTERY SPECIFICATIONS

CAUTION: When battery is disconnected, vehicles equipped with computers may lose memory data. When battery power is restored, driveability problems may exist on some vehicles. These vehicles may require a relearn procedure. See the appropriate COMPUTER RELEARN PROCEDURES article in the GENERAL INFORMATION Section.

Vehicles are delivered with a maintenance free 12-volt battery that does not normally require periodic service, however adding distilled water may become necessary during battery life. To determine charge condition, check the test indicator on top of the battery.

REPLACEMENT BATTERY SPECIFICATIONS TABLE

Engine Size	BCI Group Number
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CAUTIONS & WARNINGS

SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

NOTE: See the appropriate AIR BAG RESTRAINT SYSTEM article in the ACCESSORIES/SAFETY EQUIPMENT section.

Modifications or improper maintenance, including incorrect removal and installation of the Supplemental Restraint System (SRS), can adversely affect system performance. DO NOT cover, obstruct or change the steering wheel horn pad in any way, as such action could cause improper function of the system. Use only plain water when cleaning the horn pad. Solvents or cleaners could adversely affect the air bag cover and cause improper deployment of the system.

WARNING: To avoid injury from accidental air bag deployment, read and carefully follow all warnings and service precautions. See appropriate AIR BAG RESTRAINT SYSTEM article in the ACCESSORIES/SAFETY EQUIPMENT section.

CAUTION: Disconnect negative battery cable before servicing any air bag system, steering column or passenger side dash component. After any repair, turn ignition key to the ON position from passenger's side of vehicle in case of accidental air bag inflation

AIR CONDITIONING SERVICING

CAUTION: Avoid breathing R-134a refrigerant and PAG lubricant vapors, exposure may irritate eyes, nose and throat. To remove R-134a from system use R-134a recycling equipment that meets SAE J2210 specifications. If accidental system discharge occurs, ventilate work area before resuming service.

WARNING: R-134a service equipment or vehicle A/C systems SHOULD NOT be pressure tested or leak tested with compressed air. Some mixtures of air/R134a have shown to be combustible at elevated pressures. These mixtures are dangerous and may cause fire and/or explosions. See A/C SYSTEM GENERAL SERVICING article in the AIR CONDITIONING & HEAT section.

ANTI-LOCK BRAKE SYSTEM

The anti-lock brake system contains electronic equipment that can be susceptible to interference caused by improperly installed or high output radio transmitting equipment. Since this interference could cause the possible loss of the anti-lock braking capability, such equipment should be installed by qualified professionals.

On models equipped with anti-lock brake systems, ALWAYS observe the following cautions:

- * DO NOT attempt to bleed hydraulic system without first referring to the appropriate ANTI-LOCK BRAKE SYSTEM article in the BRAKES Section.
- * DO NOT mix tire sizes. As long as tires remain close to the original diameter, increasing the width is acceptable. Rolling diameter must be identical for all 4 tires. Some manufacturers recommend tires of the same brand, style and

type. Failure to follow this precaution may cause inaccurate wheel speed readings.

- * Use ONLY recommended brake fluids. DO NOT use silicone brake fluids in an ABS-equipped vehicle.

BATTERY WARNING

WARNING: When battery is disconnected, vehicles equipped with computers may lose memory data. When battery power is restored, driveability problems may exist on some vehicles. These vehicles may require a relearn procedure. See the appropriate COMPUTER RELEARN PROCEDURES article in the GENERAL INFORMATION section.

REPLACING BLOWN FUSES

Before replacing a blown fuse, remove ignition key, turn off all lights and accessories to avoid damaging the electrical system. Be sure to use fuse with the correct indicated amperage rating. The use of an incorrect amperage rating fuse may result in a dangerous electrical system overload.

BRAKE PAD WEAR INDICATOR

Indicator will cause a squealing or scraping noise, warning that brake pads need replacement.

CATALYTIC CONVERTER

Continued operation of vehicle with a severe malfunction could cause converter to overheat, resulting in possible damage to converter and vehicle.

Any modification to the exhaust system on turbo models, which reduces exhaust backpressure, will lead to lean fuel mixtures and excessive spark advance. This could cause serious engine damage.

ELECTROSTATIC DISCHARGE SENSITIVE (ESD) PARTS

WARNING: Many solid state electrical components can be damaged by static electricity (ESD). Some will display a warning label, but many will not. Discharge personal static electricity by touching a metal ground point on the vehicle prior to servicing any ESD sensitive component.

ENGINE OIL

CAUTION: Never use non-detergent or straight mineral oil.

FUEL SYSTEM SERVICE

WARNING: Relieve fuel system pressure prior to servicing any fuel system component (fuel injection models).

HALOGEN BULBS

Halogen bulbs contain pressurized gas which may explode if overheated. DO NOT touch glass portion of bulb with bare hands. Eye protection should be worn when handling or working around halogen bulbs.

RADIATOR CAP

CAUTION: Always disconnect the fan motor when working near the radiator fan. The fan is temperature controlled and could start at any time even when the ignition key is in the OFF position. DO NOT loosen or remove radiator cap when cooling system is hot.

RADIATOR FAN

WARNING: Keep hands away from radiator fan. Fan is controlled by a thermostatic switch which may come on or run for up to 15 minutes even after engine is turned off.

TURBOCHARGED MODELS

CAUTION: Do not race engine immediately after starting. When stopping engine, allow engine to idle for approximately 60 seconds before shutting it off. Failure to do so may cause turbocharger damage due to lack of oil flowing to the turbocharger bearings.

WARRANTY INFORMATION

CAUTION: Always refer to customer's copy of warranty information for specific model application and/or coverage limitations.

NEW VEHICLE LIMITED WARRANTY

Covers all manufacturer-installed parts and components for any repairs, replacements or adjustments needed to correct defects in materials or workmanship under normal use and maintenance for 36 months or 36,000 miles, whichever comes first, from date of delivery to the first retail buyer or first date of use.

POWERTRAIN LIMITED WARRANTY

Upon expiration of New Vehicle Limited Warranty, this warranty covers powertrain against defects in materials or workmanship up to a maximum of 5 years or 50,000 miles, whichever occurs first. See copy of warranty for specific components covered.

BATTERY WARRANTY

Covers replacement of original battery for 12 months or 12,000 miles, whichever occurs first.

AIR CONDITIONER WARRANTY

Covers manufacturer's air conditioners for 36 months or 36,000 miles, whichever occurs first. Air conditioner refrigerant charge is covered for the first 12 months or 12,000 miles, whichever occurs first. Refrigerant is covered only as part of a warranty repair.

ANTI-CORROSION PERFORATION LIMITED WARRANTY

Covers any body sheet metal panel found to have developed perforation (rust-through) due to corrosion for 36 months regardless of mileage. Outer panel coverage extends to 7 years or 100,000 miles, whichever occurs first.

EMISSION SYSTEM DEFECT WARRANTY (EXCEPT CALIFORNIA)

Warrants that the vehicle was designed, built and equipped to conform at the time of sale with all applicable U.S. emission standards. Covers any repairs needed to correct defects in materials or workmanship which would cause the vehicle not to meet these standards for 5 years or 50,000 miles, whichever occurs first.

EMISSION SYSTEM PERFORMANCE WARRANTY (EXCEPT CALIFORNIA)

Covers all repairs, adjustments, or replacements if vehicle has been maintained in accordance with the prescribed scheduled maintenance instructions and fails to conform to applicable emission standards and such failure results or will result in the vehicle owner having to bear any penalty or other sanctions under local, state or federal law. Warranty period is 5 years or 50,000 miles, whichever occurs first. Covers remedy of non-conformity if vehicle fails to pass an EPA approved emissions test during the first 24 months or 24,000 miles of this warranty. During the remainder of the warranty period, covers remedy of non-conformity resulting from failure of certain emission-related components. See copy of warranty for specific components covered.

EMISSION SYSTEM WARRANTY (CALIFORNIA)

Warrants that the vehicle was designed, built and equipped to conform at the time of sale with all applicable U.S. and California emission standards, and that the emission control system is free from defects in materials or workmanship which would cause the vehicle not to meet these standards for 3 years or 50,000 miles, whichever occurs first. Certain emission-related components are covered for 7 years or 70,000 miles, whichever occurs first. See copy of warranty for specific components covered.

FUSES & CIRCUIT BREAKERS

FUSE BLOCK

Fuse block is located under instrument panel on driver's side. In event of a blown fuse, locate cause before replacing fuse. Spare fuses are contained in the fuse cover.

Fuse & Circuit Breaker Identification - 1991-93

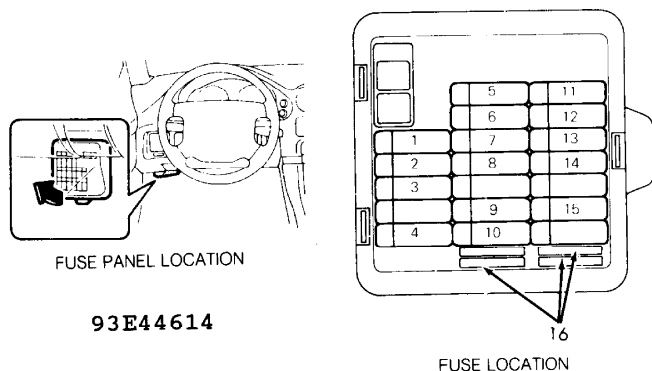
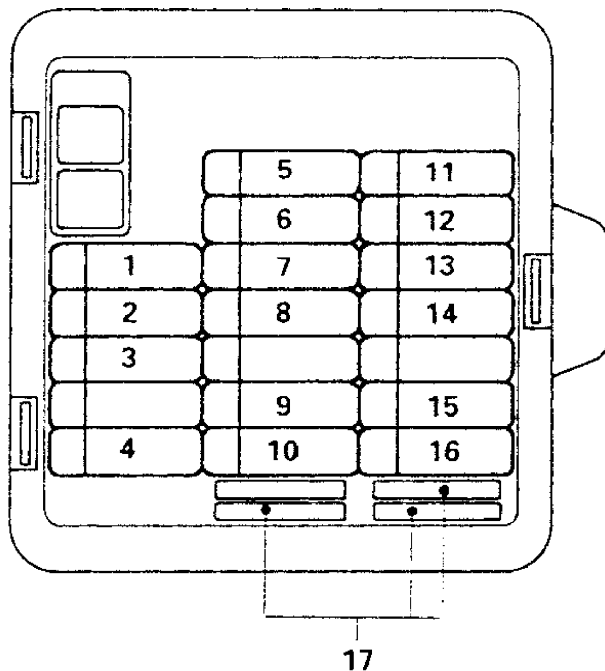


Fig. 4: Fuse Block Location & Identification (1991-93)
Courtesy of Mitsubishi Motors.

1 - 15 Amp (Light Blue)
Cigarette Lighter

- 2 - 10 Amp (Red)
Radio
- 3 - 10 Amp (Red)
Heater Relay
- 4 - 10 Amp (Red)
Seat Belt Warning Buzzer
- 5 - 15 Amp (Light Blue)
Engine
- 6 - 15 Amp (Light Blue)
Turn Signals
- 7 - 15 Amp (Light Blue)
Headlight Relay
- 8 - 15 Amp (Light Blue)
Wiper
- 9 - 10 Amp (Red)
(4 Speed Automatic Transaxle)
- 10 - 10 Amp (Red)
Headlight, Pop-Up Relay
- 11 - 10 Amp (Red)
Dome Light
- 12 - 10 Amp (Red)
Back-Up Lights
- 13 - 15 Amp (Light Blue)
Stoplights
- 14 - 30 Amp (Green)
Heater
- 15 - 10 Amp (Red)
Anti-Theft
- 16 - Spare Fuse

Fuse & Circuit Breaker Identification - 1994-95



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Fig. 5: Fuse Block Identification (1994-95)
Courtesy of Mitsubishi Motors.

- 1 - 15 Amp (Light Blue)
Cigarette Lighter

2 - 10 Amp (Red)
Radio
3 - 10 Amp (Red)
Heater Relay
4 - 10 Amp (Red)
Seat Belt Warning Buzzer
5 - 15 Amp (Light Blue)
Engine
6 - 15 Amp (Light Blue)
Turn Signals
7 - 15 Amp (Light Blue)
Headlight Relay
8 - 15 Amp (Light Blue)
Wiper
9 - 10 Amp (Red)
(4 Speed Automatic Transaxle)
10 - 10 Amp (Red)
Headlight, Pop-Up Relay
11 - 10 Amp (Red)
Dome Light
12 - 10 Amp (Red)
Back-Up Lights
13 - 15 Amp (Light Blue)
Stoplights
14 - 30 Amp (Green)
Heater
15 - 10 Amp (Red)
Anti-Theft
16 - 15 Amp (Light Blue)
AMP
17 - Spare Fuse