

EMISSION CONTROL SYSTEM MAINTENANCE

The “Scheduled” maintenance services, listed in **bold type** on the following pages must be done at the times or mileages specified to assure the continued proper functioning of the emission control system. These, and all other maintenance services included in this manual, should be done to provide best vehicle performance and reliability. More frequent maintenance may be needed for vehicles in severe operating conditions such as dusty areas and very short trip driving.

Inspection and service also should be done any time a malfunction is suspected.

NOTE: Maintenance, replacement, or repair of the emission control devices and systems on your vehicle may be performed by any automotive repair establishment or individual using any automotive part which has been certified pursuant to U.S. EPA or, in the State of California, California Air Resources Board regulations.

EMISSIONS TESTING

In some localities, it may be or will become a legal requirement to ensure that all emissions components and systems are functioning properly as a part of the test procedure. The test center accomplishes this by checking the On Board Diagnostic System (OBD) system with an electronic scan tool. If your vehicle has recently been serviced, the OBD system may have been reset to a “not ready” condition because the OBD system has not had sufficient time since the servicing to reconfirm that emissions components are operating properly. In most cases, a reasonable mix and amount of normal city and highway driving and at least one overnight-off period will be required to prepare your vehicle for this check; however your dealer has the equipment and procedures required to make certain that the OBD system of your vehicle is ready for the required testing.

MAINTENANCE SCHEDULES

SELECTING THE PROPER MAINTENANCE SCHEDULE

There are two maintenance schedules that show the **required** service for your vehicle.

First is the “Severe Maintenance Schedule.” It is for vehicles that are operated under the conditions that are listed below and at the beginning of the schedule.

- Day or night temperatures are below 32° F (0° C).
- Stop and go driving.
- Extensive engine idling.
- Driving in dusty conditions.
- Short trips of less than 10 miles (16 km).
- More than 50% of your driving is at sustained high speeds during hot weather, above 90° F (32° C).
- Trailer towing.
- Taxi, police, or delivery service (commercial service).
- Off-road or desert operation.
- Heavy Loading
- **If equipped for and operating with E-85 (ethanol) fuel.**

NOTE: If **ANY** of these apply to you then change your engine oil every 3,000 miles (5 000 km) or 3 months, whichever comes first and follow the “Severe Schedule” of the “Maintenance Schedules” section of this manual.

NOTE: If **ANY** of these apply to you then change your coolant every 102,000 miles (175 000 km) or 60 months, whichever comes first and follow the “Severe Schedule” of the “Maintenance Schedules” section of this manual.

Second is the “Regular Maintenance Schedule.” It is for vehicles that are not operated under any of the conditions listed under the “Severe Schedule.”

Use the schedule that best describes your driving conditions. Where time and mileage are listed, follow the interval that occurs first.

NOTE: Under no circumstances should oil change intervals exceed 6000 miles (10 000 km) or 6 months whichever comes first.

CAUTION!

Failure to perform the required maintenance items may result in damage to the vehicle.

SERVICE STATION CHECKS

At Each Stop for Fuel

- Check the engine oil level about 5 minutes after a fully warmed engine is shut off. Checking the oil level while the vehicle is on level ground will improve the accuracy of the oil level reading. Add oil only when the level is at or below the ADD or MIN mark.
- Check the windshield washer solvent and add, if required.

Once a Month

- Check tire pressure and look for unusual wear or damage.
- Inspect the battery and clean and tighten the terminals as required.
- Check the fluid levels of coolant reservoir, brake master cylinder, and transmission and add as needed.
- Check all lights and all other electrical items for correct operation.

At Each Oil Change

- Change the engine oil filter.
- Inspect the exhaust system.
- Inspect the brake hoses.
- Inspect the CV joints (if equipped) and front suspension components.
- Check the automatic transmission fluid level (if equipped).
- Check the manual transmission fluid level (if equipped).
- Check the coolant level, hoses, and clamps.

MAINTENANCE SCHEDULES - Severe Maintenance Schedule

Miles (Kilometers)	3,000 (5 000)	6,000 (10 000)	9,000 (15 000)	12,000 (20 000)	15,000 (25 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	X
Rotate tires.		X		X	
Check spare tire for proper pressure and correct stowage		X		X	
Change rear axle fluid.					X
Change front axle fluid (4X4).					X
Inspect engine air cleaner filter, replace if necessary.					X

MAINTENANCE SCHEDULES - Severe Maintenance Schedule

Miles (Kilometers)	18,000 (30 000)	21,000 (35 000)	24,000 (40 000)	27,000 (45 000)	30,000 (50 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	X
Rotate tires.	X		X		X
Check spare tire for proper pressure and correct stowage.	X		X		X
Change rear axle fluid.					X
Change front axle fluid (4X4).					X
Check transfer case fluid level (4X4).					X
Inspect brake linings.	X				
Inspect engine air cleaner filter, replace if necessary.					X
Replace spark plugs.					X
Inspect PCV valve, replace as necessary.**					X

MAINTENANCE SCHEDULES - Severe Maintenance Schedule

Miles (Kilometers)	33,000 (55 000)	36,000 (60 000)	39,000 (65 000)	42,000 (70 000)	45,000 (75 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	X
Rotate tires.		X		X	
Check spare tire for proper pressure and correct stowage.		X		X	
Change rear axle fluid.					X
Change front axle fluid (4X4).					X
Inspect brake linings.		X			
Inspect engine air cleaner filter, replace if necessary.					X

MAINTENANCE SCHEDULES - Severe Maintenance Schedule

Miles (Kilometers)	48,000 (80 000)	51,000 (85 000)	54,000 (90 000)	57,000 (95 000)	60,000 (100 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	X
Rotate tires.	X		X		X
Check spare tire for proper pressure and correct stowage.	X		X		X
Change rear axle fluid.					X
Change front axle fluid (4X4).					X
Inspect brake linings.			X		
Inspect engine air cleaner filter, replace if necessary.					X
Replace spark plugs.					X
Inspect PCV valve, replace as necessary.**					X
Inspect auto tension drive belt and replace, if required.					X

MAINTENANCE SCHEDULES - Severe Maintenance Schedule

Miles (Kilometers)	48,000 (80 000)	51,000 (85 000)	54,000 (90 000)	57,000 (95 000)	60,000 (100 000)
Drain and refill automatic transmission fluid, change filter (3.7L).					X
Drain and refill automatic transmission fluid and change main sump filter (4.7L).					X
Inspect transfer case fluid (4X4).					X
Flush and replace engine coolant at 60 months, or 102, 000 miles (175 000 km) whichever comes first.					X

MAINTENANCE SCHEDULES - Severe Maintenance Schedule

Miles (Kilometers)	63,000 (105 000)	66,000 (110 000)	69,000 (115 000)	72,000 (120 000)	75,000 (125 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	
Rotate tires.		X		X	
Check spare tire for proper pressure and correct stowage.		X		X	
Change rear axle fluid.					X
Change front axle fluid (4X4).					X
Inspect brake linings.				X	
Inspect engine air cleaner filter, replace if necessary.					X
Inspect auto tension drive belt and replace, if required.					X

MAINTENANCE SCHEDULES - Severe Maintenance Schedule

Miles (Kilometers)	78,000 (130 000)	81,000 (135 000)	84,000 (140 000)	87,000 (145 000)	90,000 (150 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	X
Rotate tires.	X		X		X
Check spare tire for proper pressure and correct stowage.	X		X		X
Change rear axle fluid.					X
Change front axle fluid (4X4).					X
Inspect brake linings.					X
Inspect engine air cleaner filter, replace if necessary.					X
Replace spark plugs.					X
Inspect PCV valve, replace as necessary.**					X
Inspect auto tension drive belt and replace, if required.					X

MAINTENANCE SCHEDULES - Severe Maintenance Schedule

Miles (Kilometers)	93,000 (155 000)	96,000 (160 000)	99,000 (165 000)	100,000 (170 000)	102,000 (175 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X		X
Rotate tires.		X			X
Check spare tire for proper pressure and correct stowage.		X			X
Flush and replace engine coolant, if not done at 60 months.					X
Change rear axle fluid.		X			
Change front axle fluid (4X4).		X			

MAINTENANCE SCHEDULES - Severe Maintenance Schedule

Miles (Kilometers)	105,000 (180 000)	108,000 (185 000)	111,000 (190 000)	114,000 (195 000)	117,000 (200 000)	120,000 (205 000)
Change engine oil and engine oil filter, or at 3 months whichever comes first.	X	X	X	X	X	X
Rotate tires.		X		X		X
Check spare tire for proper pressure and correct stowage.		X		X		X
Change rear axle fluid.	X					X
Change front axle fluid (4X4).	X					X
Inspect brake linings.		X				
Inspect engine air cleaner filter, replace if necessary.	X					X
Replace spark plugs.						X
Inspect PCV valve, replace as necessary.**						X
Inspect auto tension drive belt and replace, if required.	X					X
Drain and refill transfer case fluid (4X4).						X

MAINTENANCE SCHEDULES - Severe Maintenance Schedule

Miles (Kilometers)	105,000 (108 000)	108,000 (185 000)	111,000 (190 000)	114,000 (195 000)	120,000 (205 000)
Drain and refill automatic transmission fluid, change filter (3.7L).					X
Drain and refill automatic transmission fluid and change main sump filter and spin-on cooler return filter if equipped. (4.7L).					X
Flush and replace engine coolant, if not replaced at 102,000 miles (175 000 km).					X

This applies only if your vehicle is used for police, taxi, fleet, or frequent trailer towing.

Inspection and service should also be performed anytime a malfunction is observed or suspected. Retain all receipts.

** This maintenance is recommended by the manufacturer to the owner, but not required to maintain the emissions warranty.

MAINTENANCE SCHEDULES - Regular Maintenance Schedule

REGULAR MAINTENANCE SCHEDULE

Miles (Kilometers) [Months]	6,000 (10 000) [6]	12,000 (20 000) [12]	18,000 (30 000) [18]	24,000 (40 000) [24]	30,000 (50 000) [30]
Change engine oil and engine oil filter.	X	X	X	X	X
Rotate tires.	X	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X	X	X
Check transfer case fluid level (4X4).					X
Inspect brake linings.			X		
Inspect engine air cleaner filter, replace if necessary					X
Replace spark plugs.					X

MAINTENANCE SCHEDULES - Regular Maintenance Schedule

Miles (Kilometers) [Months]	36,000 (60 000) [36]	42,000 (70 000) [42]	48,000 (80 000) [48]	54,000 (90 000) [54]	60,000 (100 000) [60]	66,000 (110 000) [66]
Change engine oil and engine oil filter.	X	X	X	X	X	X
Rotate tires.	X	X	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X	X	X	X
Check transfer case fluid level (4X4).					X	
Flush and replace engine coolant at 60 months, if not replaced at 102,000 miles (185 000 km).					X	
Inspect brake linings.	X			X		
Inspect engine air cleaner filter, replace if necessary.					X	
Replace spark plugs.					X	
Inspect PCV valve, replace as necessary.**					X	
Inspect auto tension drive belt and replace, if required.					X	

MAINTENANCE SCHEDULES - Regular Maintenance Schedule

Miles (Kilometers) [Months]	72,000 (120 000) [72]	78,000 (130 000) [78]	84,000 (140 000) [90]	90,000 (150 000) [96]	96,000 (160 000) [96]	100,000 (170 000)
Change engine oil and engine oil filter.	X	X	X	X	X	
Rotate tires.	X	X	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X	X	X	
Check transfer case fluid level (4X4).				X		
Inspect brake linings.	X			X		
Inspect engine air cleaner filter, replace if necessary.				X		
Replace spark plugs.				X		
Inspect PCV valve, replace as necessary.**				X		
Inspect auto tension drive belt and replace, if required.				X		

MAINTENANCE SCHEDULES - Regular Maintenance Schedule

Miles (Kilometers) [Months]	102,000 (180 000) [102]	108,000 (190 000) [108]	114,000 (200 000) [114]	120,000 (210 000) [120]
Change engine oil and engine oil filter.	X	X	X	X
Rotate tires.	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X	X
Drain and refill transfer case fluid (4X4).				X
Flush and replace engine coolant, if not done at 60 months.	X			
Flush and replace engine coolant, if not done at 102,000 miles (180 000 km)				X
Inspect brake linings.		X		
Inspect engine air cleaner filter, replace as necessary.				X
Replace spark plugs.				X
Inspect PCV valve, replace as necessary.**				X

MAINTENANCE SCHEDULES

WARNING!

You can be badly injured working on or around a motor vehicle. Do only that service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

NOTICE TO CONSUMERS

Mitsubishi Motors North America, Inc. (MMNA) is committed to assuring your satisfaction with your vehicle.

If you have a concern that is not resolved to your satisfaction, we encourage you to use Mitsubishi's informal third party Dispute Resolution Process, available for additional assistance. The Process is administered by the National Center for Dispute Settlement (NCDS). While you may utilize the process at any time, we suggest that you first utilize Mitsubishi Motors' normal complaint handling process: First tell the dealer your concern; if the dealer can not resolve your concern, contact Mitsubishi Customer Relations at 1-888-MITSU-2006 (1-888-648-7820).

A Mitsubishi regional representative will work with you to address your concern. If you wish to pursue the matter further, submit an application (which can be found in the Dispute Resolution Process Brochure), describing your concern to:

**National Center for Dispute Settlement
Dispute Resolution Process
P. O. Box 561109
Dallas, TX 75356-1109
1-866-WE-RESOLVE
(1-866-937-3765)**

A copy of the Dispute Resolution Process Brochure can be found in the glove box of your new vehicle.

NOTICE TO CONSUMERS

To file a claim, complete the Dispute Resolution Process application, which includes the following information:

- **Your name and address,**
- **Your vehicle model and Vehicle Identification Number (VIN), and**
- **The nature of your concern.**

Once your claim is submitted, NCDS will review your request for arbitration and inform you if your concern meets the program criteria for the Dispute Resolution Process. If your concern meets the program criteria, it will be referred to an NCDS decision-maker (arbitrator) for hearing. If you requested an oral hearing, you will be contacted by an NCDS representative to arrange a mutually agreeable date and location to conduct the hearing. If you selected a three-person panel and a “documents only” hearing, NCDS will notify you of the date all your documents must be received by NCDS. (Arkansas customers may choose a single arbitrator or panel regardless of format).

The arbitrator or panel will render a decision on your case. If you accept the decision it will be binding on MMNA. The entire process will normally take no longer than forty (40) days from the date your application is received to the date the decision is rendered.

In the event your vehicle does not conform to MMNA’s express warranty after a reasonable number of repair attempts, the federal Magnuson-Moss Warranty Act and state lemon laws permit owners to obtain a replacement vehicle or a refund of the purchase price under certain circumstances. The provisions of state laws vary from state to state.

Some states require that written notification be given to the manufacturer before the consumer may be eligible for a refund or replacement vehicle. Therefore, MMNA requests that you first provide us with written notification of any such non-conformities so that we may have an opportunity to make final repairs to the vehicle before you pursue lemon law remedies.

Please send your correspondence to:

Mitsubishi Motors North America, Inc.
P.O. Box 6400
Cypress, CA 90630-0064

Wisconsin Vehicle Owners: In the state of Wisconsin, you must use NCDS prior to seeking remedies available to you through a court action pursuant to the Magnuson-Moss Warranty Act. In addition, you must use NCDS prior to seeking remedies under the Wisconsin Lemon Law.

For further information contact: WisDot Dealer Section / P.O. Box 7909 / Madison / WI / 53707-7909 / 608-266-1425 / [**dealers.dmv@dot.state.wi.us**](mailto:dealers.dmv@dot.state.wi.us).

There may be times when MMNA will pay all or part of the cost of certain repairs beyond the terms of the warranty. Check with your local dealer to determine if this applies to your vehicle.

OTHER TERMS

ANY IMPLIED WARRANTY APPLICABLE TO THIS VEHICLE IS LIMITED IN DURATION TO THE LENGTH OF THIS WRITTEN WARRANTY. MMNA SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL OR EXEMPLARY DAMAGES FOR BREACH OF THIS WARRANTY OR ANY IMPLIED WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitation on how long an implied warranty lasts, or limitations on available remedies, so the above limitations or exclusions may not apply to you. This warranty gives the owner specific legal rights and the owner may also have other rights which vary by state.

CUSTOMER SATISFACTION

At MMNA, we are proud of the quality and of the workmanship that is built into every MMNA Vehicle. We are equally proud of our corporate commitment to promote the highest possible degree of customer satisfaction with our products and services.

Today's automobiles are extremely complex and are comprised of an enormous number of individual parts. Occasionally, a problem with one of these parts can occur. Should you experience such a problem, we are confident that you will find your Authorized Mitsubishi Motors Dealer or Authorized Service Center prepared to provide you with high quality service repairs. Every Authorized Mitsubishi Motors Dealer or Authorized Service Center has Mitsubishi-trained personnel, plus the tools and equipment necessary to provide for your various service needs. In the event a problem arises, we ask that you follow the procedure outlined on the following pages.

Step 1: Contact the Nearest Authorized Mitsubishi Motors Dealer or Authorized Service Center:

This is the most direct and expedient way to obtain service. Authorized Mitsubishi Motors Dealers or Authorized Service Centers have the ultimate responsibility for providing the service and repairs you may need. We recommend that you contact the Dealership Service Advisor or Service Manager for assistance. In the event that you feel additional assistance is required, ask to speak to the Dealership owner. Since it is his or her business, he or she will be very interested in your continued satisfaction and patronage.

Step 2: Contact MMNA's Customer Relations Dept.

After the completion of Step 1 and in the event your Authorized Mitsubishi Motors Dealer or Authorized Service Center has been unable to provide an adequate resolution, contact MMNA's Customer Relations Department by calling 1-888-MITSU-2006 (1-888-648-7820).

If you choose to write us, please send your correspondence to the following address:

**Mitsubishi Motors North America, Inc.
Customer Relations Department
P.O. Box 6014
Cypress, CA 90630-0064**

Please be sure to include your name, address and telephone number along with your 17 character vehicle identification number. The VIN (vehicle identification number) can be found in the upper corner of the dashboard on the driver's side of the vehicle and on your vehicle's registration.

MMNA's Customer Relations Department will be prepared to investigate your concern and provide you with assistance.

Step 3: Dispute Resolution (See "Notice to Consumers" on Page 38.)



DIAMOND CARE™ PROTECTION PLAN

Have you purchased the Mitsubishi Diamond Care Protection Plan? The Plan supplements your new vehicle warranties. See your authorized Mitsubishi dealer for details.

For the United States only



CHANGE OF OWNER NAME OR ADDRESS

IMPORTANT - For accuracy of safety Recall Mailing Records, complete and mail.

It is only necessary to complete this card if your address changes after the vehicle has been delivered. It is not necessary to mail this card to start the warranty.

PLEASE PRINT OR TYPE LEGIBLY:

1	2	V.I.N. (Vehicle Identification Number)											18			19			24																																
N															CHANGE DATE	MON	DAY	YEAR																																	
NAME		25	26	LAST NAME											FIRST NAME											50																									
		1																																																	
ADDRESS		25	26																																																50
		2																																																	
ADDRESS (Continued)		51																																																75	
CITY		25	26												40	STATE		41	42																																
		3																																																	
ZIP		43												47	PHONE		48												59																						

Note: Not returning this card will not effect the warranty coverage on your vehicle.

**WARRANTY ADMINISTRATION DEPARTMENT
MITSUBISHI MOTORS NORTH AMERICA, INC.
6400 KATELLA AVENUE
CYPRESS, CALIFORNIA 90630-0064**

PLACE
STAMP
HERE

OWNER INFORMATION

OWNER'S NAME		
ADDRESS		
CITY	STATE	ZIP

VEHICLE / DEALER INFORMATION

VEHICLE IDENTIFICATION NUMBER															
WARRANTY START (IN-SERVICE) DATE										MILEAGE AT START OF WARRANTY					
SELLING DEALER NAME										DEALER CODE					
ADDRESS															
CITY				STATE				ZIP							

DIAMOND CARE PROTECTION PLAN INFORMATION (IF APPLICABLE)

POLICY NUMBER										EXPIRATION DATE					
MONTHS OF COVERAGE								EXPIRATION MILEAGE							

IMPORTANT NOTICE TO OWNER

PLEASE PRESENT THIS BOOKLET TO ANY AUTHORIZED MITSUBISHI MOTORS DEALER OR AUTHORIZED SERVICE CENTER FOR WARRANTY SERVICE ON THE ABOVE LISTED VEHICLE

RAIDER



MITSUBISHI MOTORS

MSSPN10D06

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