



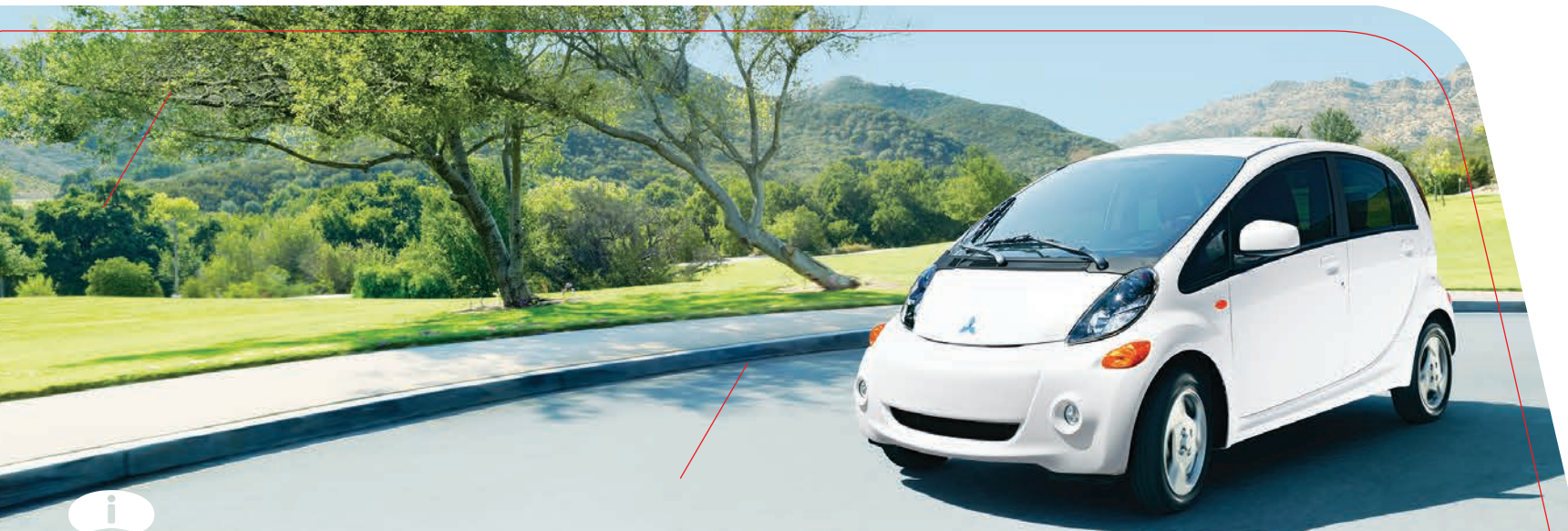
MiEV

Owner's Handbook



PLEASE PLACE COPIES OF THE FOLLOWING ITEMS IN THE POCKET BELOW:

1. Pre-Delivery Inspection Form (Customer Copy)
2. Triple Diamond Delivery Checklist (Customer Copy)
3. Salesperson or Key Dealership Contact's Business Card



Thank you for buying the 100% electric Mitsubishi i-MiEV and doing your part to further the electric vehicle movement in North America. There's no doubt you've already realized your positive environmental impact as well as the upcoming benefits to your wallet by skipping those regular visits to the pump. In the pages ahead we're going to run through some of the unique Mitsubishi i-MiEV technology and prepare you for the road.

We hope you will visit the Mitsubishi Owner's site where we store the latest Mitsubishi news and special offers. Here you can also keep track of your Mitsubishi i-MiEV's warranty and servicing needs, get Roadside Assistance Information and tap into other owner-centric details.

Just log on to **www.mitsubishicars.com/owners**.

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Not all features detailed in this book are available on all Mitsubishi i-MiEV's.
For additional information, refer to your Owner's Manual.



Driver's View



- | | | | |
|---|---|----|---|
| 1 | Energy level gauge | 7 | Ready indicator |
| 2 | Energy usage indicator | 8 | 12 volt starter battery charging system warning light |
| 3 | Odo/Trip Meter/Service Reminder/Cruising Range/ Temperature | 9 | Power down warning light |
| 4 | Speedometer | 10 | Acoustic Vehicle Alerting System (AVAS indicator) |
| 5 | Reset/dash lights illumination/selector button | 11 | Selector level position indicator |
| 6 | Low energy warning indicator | 12 | TPMS (Tire Pressure Monitoring System) |
| | | 13 | Vehicle Charging Light |

How To Start The Vehicle

Insert the key and press the brake pedal down.

Turn the key to the **On** position and make sure all warning lights are functioning properly.

Turn the key to the **Start** position for one or two seconds until you hear the startup bell and the **READY** indicator light comes on.

The indicator light tells you the car is ready to be driven.

Drive Modes



While pressing the brake pedal, you can select your drive mode.

- D** - use this position for normal driving
- Eco** - use this position to limit power consumption and maximize driving range
- B** - use this position when braking is required such as on a steep downhill

Combination Meter



Energy Usage Indicator

As the needle moves to the right, the more electrical power is consumed.

Charge Zone - when the needle is in this area, more electric energy is charged back to your battery

Eco Zone - when the needle is in this area, you are maximizing your range

Power Zone - when the needle is in this area, you are using more power while reducing overall range

How to Read the Energy Level Gauge

Similar to a traditional gas powered vehicle's fuel gauge, the Energy Level Gauge in your Mitsubishi i-MiEV indicates the remaining power in the main drive lithium-ion battery.

When the Energy Level Gauge shows two bars remaining, the warning indicator (A) flashes telling you your remaining battery charge is low.

When the Energy Level Gauge shows one bar remaining, the warning indicator (A) and the charging bars (B) flash alternately telling you your remaining battery charge is low. Recharge the main drive lithium-ion battery as soon as possible.

The Power Down Warning (Turtle) Light (C) illuminates when there are no bars remaining. Recharge the main drive lithium-ion battery as soon as possible.



DRIVING YOUR MITSUBISHI i-MiEV

Driving Range

The distance you can drive varies considerably depending on a variety of factors:

← Driving range →

Short		Long
Range Reducing	Condition	Range Extending
High acceleration, speed	Driving style	Low acceleration, speed
Heater on	Heater usage	Heater off(or use seat heater)
A/C on	A/C usage	A/C off
Highway	City/ Highway	City
Heavy payload	Payload	Light payload
Windy, wet	Weather	Calm, dry
Uphill, rough	Road conditions	Flat/Downhill, smooth
D-mode	Drive mode	Eco or B mode

The Mitsubishi i-MiEV has a tested EPA combined range of 62 miles.

What Happens in Extreme Heat and Cold Conditions:

When the vehicle is driven in a low or high ambient temperature, its heater or air-conditioning performance may be reduced. The use of the heater or air-conditioner can reduce the vehicle's driving distance. Please refer to the General Information in the Owner's Manual, regarding cautions and actions to deal with intense heat and cold.

What is Regenerative Braking?

Motion Energy is converted into electric energy using the motor as a power generator. While decelerating, electric energy will be created and used to charge the main drive lithium-ion battery.

To maximize regenerative braking set the drive mode selector lever to:

B (Regenerative Brake Mode) - for downhill driving and strong regenerative braking

Eco - for economical or gentle downhill driving using moderate regenerative braking.



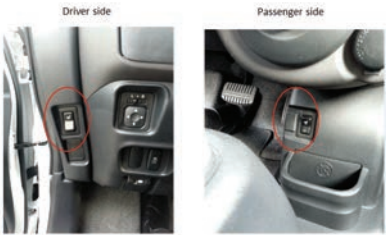
What is the sound I'm hearing while my Mitsubishi i-MiEV is moving at very slow speeds?

This is the Acoustic Vehicle Alerting System (AVAS) which sounds an audible warning from 0 to 22 miles per hour to alert pedestrians of the approaching electric vehicle.

Seat Heater Switch

The heated seat can be operated when the vehicle starter is in the ON position.

The indicator light will illuminate while the heater is on.

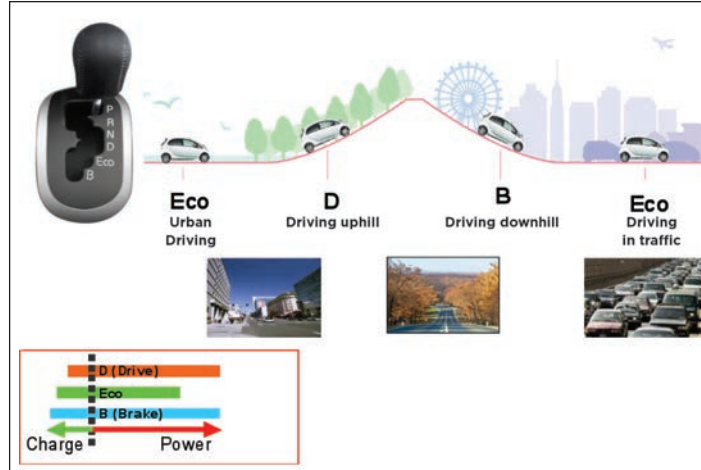


Extending Your Driving Range

Shift position

Selecting the most suitable shift position will help extend your driving range.

- D** - is the standard mode and provides full power access and normal regenerative braking
- Eco** - slightly reduces overall power thus conserving energy and slightly increasing regenerative braking
- B** - provides full power with the strongest calibration of regenerative braking



Using the accelerator - drive smoothly, accelerate gently and read the road ahead. Your real-time energy consumption is displayed on the energy usage indicator. Try to keep the red needle within the green **Eco** zone. When your foot is off the accelerator or you are braking (regenerating energy), the red needle should be in the blue **Charge** zone.

Freeway driving - use **Eco** mode and try to maintain a consistent speed. The faster you go, the greater the energy consumption and less overall range.

Uphill driving - use **D** mode and try to carry as much speed (momentum) from the flat section of the road up the hill as possible to avoid having to accelerate in the middle of the hill.

While decelerating - try to take your foot off the accelerator as early as possible. The moment you take your foot off the pedal, the vehicle will start regenerating electricity which is especially effective while driving downhill in **B** mode.

Use of Climate Control - while the Mitsubishi i-MiEV is plugged in to a level 1 or 2 charger, use your i-MiEV Remote to pre-heat, pre-cool, or defrost the cabin as much as possible. This will draw power from the outlet rather than pulling energy from the main drive lithium-ion battery.

Use the more energy efficient seat heater instead of the cabin heater to keep warm while driving.

The **MAX** switch is effective for adjusting the cabin temperature quickly, however, it pulls a lot of energy. Once the temperature is set to your liking, it is better to turn off the **MAX** switch to reduce unnecessary energy consumption.

Warning - the headlights and wipers are operated by the 12 volt starter battery and do not have a significant impact on driving range. Please keep these safety features on while operating the Mitsubishi i-MiEV when necessary.



CHARGING YOUR MITSUBISHI i-MiEV

Main Drive Lithium-ion Battery vs. 12 Volt Starter Battery

If the 12 volt starter battery is discharged regardless of the remaining level of the main drive lithium-ion battery, the vehicle cannot be driven.

The 12 volt starter battery provides electricity to numerous devices in the car. Even if the remaining electricity level of the main drive lithium-ion battery lowers, you can continue to use the lights and wipers.

To avoid the 12 volt starter battery from dying please avoid using the headlights, radio, air conditioning, etc. for a long period of time without the vehicle turned on and the READY light lit.



Main drive lithium-ion battery powers the Mitsubishi i-MiEV, its **heating as well as its air conditioning compressor.**



Major functions run by the 12 volt starter battery **include: start up of the power unit, headlights, power windows, wipers, cabin lights, audio, AC/heater fan and seat heaters.**

Pacemaker and Defibrillator Warning

Before starting the charge operation or driving the vehicle, check with the electric medical device manufacturer concerning the effects that charging may have on implantable devices if you use any medical electric devices, such as:

- An implantable cardiac pacemaker
- An implantable cardiovascular defibrillator

The Mitsubishi i-MiEV is designed to comply with the ICNIRP International Guidelines however customer's medical devices may not comply.

Power Down Warning Light

If this warning light illuminates, the power provided by the electric motor will be reduced, the vehicle will only be able to move at low speeds, and the air conditioning unit shuts off. This warning light will illuminate;

- When the energy level in the main drive lithium-ion battery is near empty
- When temperature of the electric motor unit or the main drive lithium-ion battery is too high or too low
- When voltage of the main drive lithium-ion battery becomes low



Charge Overview

The Mitsubishi i-MiEV can be charged anytime. However, repeatedly charging the vehicle's battery when it is almost full may decrease the battery's overall lifespan. There are three different levels of charging your Mitsubishi i-MiEV.

Level 1 charging is based on using a standard rated (dedicated 15 amp circuit) A/C 120 volt outlet.

- 1) Fully apply the parking brake and place the selector lever in the **P - (Park)** position.
- 2) Turn off the headlights and turn the key to the **Lock** position.
- 3) Pull the Level 1 / Level 2 charging opener located at the bottom left of the instrument panel to open the regular charging lid at the rear passenger side of the vehicle.
- 4) Remove the key and lock the vehicle.
- 5) The Regular Charging Lid will be open. Press the tab to open the inner lid providing access to the charge port.
- 6) Level 1 charging is based on using a standard rated (dedicated 15 amp circuit) A/C 120 volt outlet. Plug the charging cord into the electrical outlet.

Warning - make sure the outlet is on a dedicated circuit which is not shared with any other appliances. Also check the outlet to confirm there is no rust or corrosion.



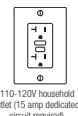




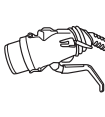
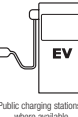
Note: You cannot connect the charger cord into an extension cord. Please ensure you have a Garage Site Survey completed before plugging in an EV into any outlet in your home or garage. Use a hook and a rope that can support the weight of the EV charging cable, 8.8 lbs (4 kg). Make sure that the rope has no damage before use.

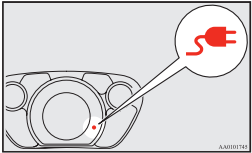
- 7) Open the cap on the regular charge connector and make sure there is no foreign matter such as dust or dirt on the end of the connector.
- 8) Select your charging amp, either 8 amp or 12 amp **before** you connect the charging cord to the vehicle. The vehicle charging cord defaults to 8 amps and you will not be able to change the charging amp speed once you have connected to the vehicle. Only select 12 amp if you have a dedicated 15 amp circuit/outlet available to plug into and the outlet must be grounded and protected by a ground-faulty circuit interrupter. Connect the charging cable to your Mitsubishi i-MiEV until you hear a click. You will also hear a fan turn on briefly.
- 9) Make sure the charging indicator on the Mitsubishi i-MiEV's instrument cluster is illuminated.
- 10) Charging is complete when the charging indicator light turns off.
- 11) Remove the connector while pressing the button on the top of the connector.
- 12) Close the inner lid and the regular charging door.
- 13) Remove the charging cable plug from the outlet and store appropriately for future use.

Level 2

You can charge your vehicle through the regular charging port using 240 Volt Electric Vehicle Supply Equipment (EVSE) compatible with the Mitsubishi i-MiEV. For connecting/disconnecting the charging connector to or from the vehicle, follow steps 1-12 (omitting #6) as outlined above. Also, please follow instructions provided with the 240 EVSE.

For further information, please refer to the General Information Section in your Owner's Manual under Charging. Please pay particular attention to instructions, warnings, and cautions in the Owner's Manual.

Category	Charge port	Charge connector	Charging Source	Charging time with fully discharged battery
Level 1 Regular charging 110-120V (Attached EV charging cable)	 passenger side of vehicle		 110-120V household outlet (15 amp dedicated circuit required)	120V/8A: Approximately 22 hours 120V/12A: Approximately 14 hours
Level 2 Regular charging 220-240V (Primary Home EVSE Dock- Available separately)	 passenger side of vehicle		 Home or public charging device	Approximately 6 hours
Quick charging (charging method with quick charger) Level 3 DC	 driver side of vehicle (if so equipped)		 Public charging stations where available	Approximately 30 minutes for 80% charge



Charge Overview

Quick Charge

Quick Charging is based on accessing a public charging station that is CHAdeMO certified. Note that in under 30 minutes of charging you will reach a maximum of 80% of a full charge as shown in your Energy Level Gauge.

- 1) Fully apply the parking brake and place the selector lever in the **P - (Park)** position.
- 2) Turn off the headlights and turn the key to the **Lock** position.
- 3) Pull the quick charging lid opener at the bottom left of the driver's seat on the floor to open the quick charging lid at the rear driver's side of the vehicle.
- 4) Remove the key and lock the vehicle.
- 5) The Quick Charging door will be open. Press the tab to open the inner lid providing access to the charge port.
- 6) Open the cap on the quick charge connector and make sure there is no foreign matter such as dust or dirt on the end of the connector.
- 7) Connect the quick charge connector to your Mitsubishi i-MiEV according to the manual of the quick charger you are using.
- 8) Make sure the charging indicator on the Mitsubishi i-MiEV's instrument cluster is illuminated.
- 9) In order to protect the life of the battery, charging is complete at 80% of a full charge.
- 10) Remove the connector according to the manual of the quick charger you are using.
- 11) Close the inner lid and the quick charging door.
- 12) Place the quick charger back on its unit.



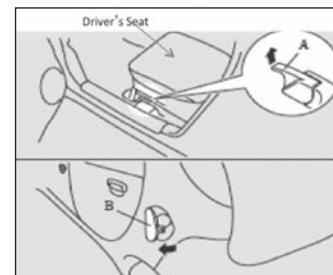
Access to Level 1/Level 2
Charging



Level 2 Charging



Quick Charging



Access to Level 3
Quick Charging



- 1) FM (FM1/FM2) indicator
- 2) Radio (AM/FM selection) button
- 3) Memory (Memory selection) button
- 4) Power
- 5) Scan button
- 6) Seek (Up/Down) buttons
- 7) CD button
- 8) Clock button
- 9) Repeat button
- 10) Play button

How to set the clock

- 1) Press and hold the clock button **8** and the clock display flashes.
- 2) Press the **SEEK** **6** button to adjust the “hours” digit. If you keep pressing the button, fast-forward begins.
- 3) When the “hours” digit is adjusted, press the clock button to flash the “minutes” digit. Press the **SEEK** button to adjust the “minutes” digit. If you keep pressing the button, fast-forward begins.
- 4) When the time is set, press the clock button to stop the clock display from flashing.

Effectively using your Mitsubishi i-MiEV Remote

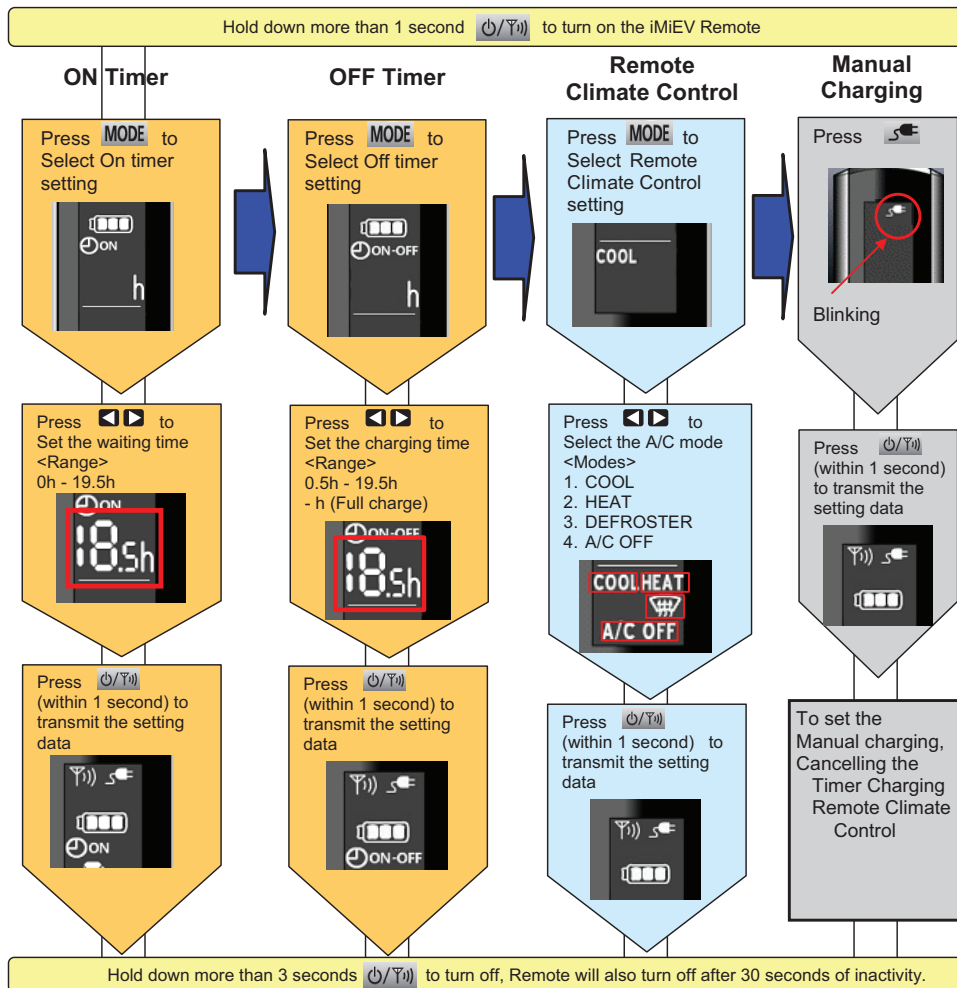
- 1) Pre-activate the climate control – you can use the controller to set the climate inside the vehicle while the vehicle is plugged in. The vehicle cabin's temperature will be comfortable while utilizing the power from the outlet rather than from the main drive lithium-ion battery.
- 2) Timed battery charging – you can set a timer to take advantage of lower energy rates by having your Mitsubishi i-MiEV programmed to charge during those off peak hours.
- 3) Battery level information – you can view your Mitsubishi i-MiEV's charge level on your i-MiEV Remote without being in your vehicle.
- 4) To maximize the range of the i-MiEV Remote, extend the antennae to its full height. When unobstructed, the range is up to 300 feet.

Your Mitsubishi i-MiEV Remote includes the following functions:

- 1) **Power/communication button** – when briefly pushed, settings are communicated to the Mitsubishi i-MiEV. When pushed longer than a second, the controller is turned on or off.
- 2) **Mode button** – scrolls to Charging Time, AC, Heater, and Defroster by just pressing the mode button
- 3) **Manual charge button** – turns charging on or off, bypassing preset timers.
- 4) **Scrolling buttons** – scrolls the display items.
- 5) **Communication signal** – blinks when communicating with the vehicle and when errors occur.
- 6) **Charging indicator** – lights up during charging and blinks if charging cable is not connected during charging attempt.
- 7) **ERROR indicator** – blinks if there is an operation or communication error.
- 8) **Battery indicator** – shows remaining charge of main drive lithium-ion battery. Blinks if battery has less than 20% charge.
- 9) **Timer indicator** – shows whether the timer is on or off.
- 10) **Program timing indicator** – shows the amount of time left until timer charging is complete based on the program time set.
- 11) **Climate control settings** – displays modes currently active.



How to Set the i-MiEV Remote



Q: Will my battery's capacity decrease over time?

A: The capacity of the lithium-ion battery used as the main drive lithium-ion battery on your Mitsubishi i-MiEV, like other commonly used main drive lithium-ion battery, will decrease according to time and usage. This type of decrease in battery capacity is normal, and is not indicative of any defect or failure in your main drive lithium-ion battery.

Q: Can I charge when it is raining or stormy?

A: To reduce the risk of electric shock, connect only to a properly grounded and waterproofed outlet. Never connect or disconnect the plug with a wet hand. Do not charge if there is a risk of lightning.

Q: How can I tow my car?

A: Do not tow this vehicle with rear wheels on the ground at any time. Please see additional information in your Owner's Manual.

Q: What do I do if I need to store my Mitsubishi i-MiEV for a long period of time?

A: Do not disconnect the main drive lithium-ion battery or any of the iMiEV's cables. Charge the main drive lithium-ion battery to full every 3 months. Try to avoid storage in a hot or cold environment. Do not leave the battery charged with more than 4 bars as this may severely decrease the main drive lithium-ion battery's overall lifespan. Check the battery residual every 3 months and if you see any discharge, please charge to 2-4 bars. Try to avoid storage in a hot or cold environment.


Q: Where can I find charging stations?

A: You can find charging stations near you by logging on to the US Department of Energy's Website at www.afdc.energy.gov.

Q: Why does my Mitsubishi i-MiEV Energy Level show bars but the engine won't start?

A: Even though your main drive lithium-ion battery displays a charge, your 12 volt starter battery may be drained and in need of charging. Your 12 volt starter battery provides the power to start up the main battery.

Q: What does this light mean?

A:  The Tire Pressure Monitoring System illuminates when one or more of your tires are significantly underinflated. Please note that changes in the outside temperature may decrease tire pressure causing the TPMS light to turn on. If the TPMS light remains illuminated, check your tire pressure.

Q: What do I do if I need Roadside Assistance?

A: For Roadside Assistance, call 1-888-648-7820.

Q: Where do I get my Mitsubishi i-MiEV serviced?

A: Only Mitsubishi i-MiEV authorized dealers are factory trained to service your vehicle.

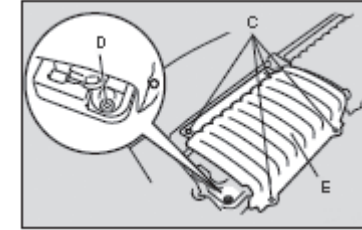
Q: What do I do if I get a flat tire?

A: The tire repair kit is stored under the rear seat cushion. To access the tire repair kit, pull forward the seat stoppers under the rear seat cushion. Lift up the seat cushion and pull it forward. Remove the screws (C) with a coin or the washer (D) at a position shown in the illustration, remove the cover and lift out the tire repair kit. Once you have accessed the tire repair kit, refer to the Mitsubishi i-MiEV Owner's Manual for instructions.

Warning - do not use the tire sealant repair kit if any of these situations occur:

- More than one tire is punctured
- The puncture hole has a length or width of $\frac{1}{8}$ th of an inch (4mm) or greater
- The tire is punctured in the sidewall, the side of the tire, not in the tread
- The vehicle has been driven with the tire almost completely flat
- The tire has completely slipped over the wheel rim and come off the wheel
- The wheel is damaged
- A bump, cut or crack is on the tire
- The tire sealant's expiration date has passed
- The outside temperature is below -22° F or above 140° F

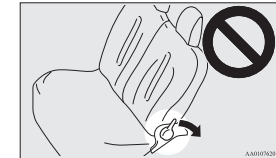
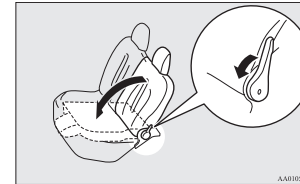
If any of these situations exist, call Roadside Assistance for help.

**Q: What sound am I hearing under my Mitsubishi i-MiEV?**

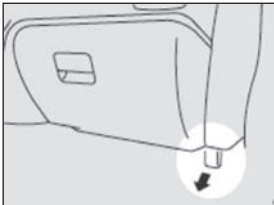
A: This is the Acoustic Vehicle Alerting System (AVAS) which sounds an audible warning from 0 to 22 miles per hour to alert pedestrians of the approaching electric vehicle.

Q: How do I fold down my rear seats?

A: Press the lever in a downward motion toward the floor. Pull the top of the seatback forward to lie flat against the seat.

**Q: How do I open the hood?**

A: The hood release lever is located on the passenger's side of the vehicle below the glovebox on the door side.





At Mitsubishi, we believe not all drivers are created equal. So we build our vehicles for a different breed of driver, the fearless ones who take pride in what they drive, and refuse to drive more of the same. It's obvious to us that people who truly want distinctive styling and the latest technology see past the procession of bland imitations. We believe that every vehicle we make should stand for something. Something more than expected. And that's why we don't build Mitsubishi cars for stereotypes. We build them for you.

MITSUBISHICARS.COM

