

ESSENTIAL INFORMATION

Fuel tank capacity: Your vehicle is equipped with a 15 gallon (56.8L) fuel tank

Octane Recommendations: Your vehicle is designed to use "Regular" unleaded gasoline with a pump octane rating of 87 for optimum performance. Using gasoline with lower octane ratings may decrease performance.

Tire Pressure: Safe operation of your vehicle requires your tires to be properly inflated. The recommended inflation pressure is found on the Safety Compliance Certification Label or Tire Label which is located on the B-Pillar or the edge of the driver's door. At least once a month and before long trips, inspect each tire and check the air pressure with a tire gauge. Don't forget the spare. Air pressure should be checked when the tires are cold. ⚠️ WARNING: Improperly inflated tires can affect vehicle handling and can fail suddenly, resulting in a possible loss of vehicle control.

Unique Service Intervals: Please check your Owner's Guide for proper service intervals. Your vehicle is equipped with a rear air filter that must be inspected or replaced at every service interval to avoid damage to the hybrid system. Special caution is required when servicing brake pads. Please refer to the Owner's Guide and/or Service Manual for information on servicing brake pads.

Fuel Pump / High Voltage Shut-off Switches: The fuel pump shut-off switch is located in the front passenger's footwell, behind a flip-up cover. The high voltage shut-off switch is located in the passenger side of the rear cargo area, in the jack compartment behind the jack access door. These switches provide added protection by discontinuing fuel to the engine and by shutting off power to the high voltage battery in case of an accident. For more information, please see your Owner's Guide.

Rear Window Buffeting: When one or both of the rear windows are open, the vehicle may demonstrate a wind throb or buffeting noise. This noise is common among a wide range of vehicles and can be eliminated by simply lowering a front window approximately two to three inches.

Location of Spare Tire and Tools: The spare tire is located under the vehicle, just forward of the rear bumper. The jack and tools are located in the right rear of the cargo area behind an access panel.

Tire Pressure Monitoring System: Using radio-frequency pressure sensors, this system monitors tire pressure on all road tires and provides the driver with a yellow warning light when air needs to be added. Message center equipped vehicles provide additional warning messages. The TPMS warning light will reset itself (turn off) after the tires are set to specification and the vehicle is driven above 20 mph (32 km/h) for at least 2 minutes. Note: Outside temperature affects tire pressure. For more information, please see your Owner's Guide.

Roadside Assistance: During your Mercury Mariner Hybrid's limited warranty period, the assurance and support of a 24-hour emergency roadside assistance program is included. Roadside assistance includes such services as fuel delivery, tire changes, jump starts, winch outs, help when you're locked out of your vehicle, and towing. To receive roadside assistance in the United States, call (800) 241-3673. In Canada (800) 665-2006.



HYBRID OPERATION

The Mercury Mariner Hybrid is a whole new kind of SUV that combines electric and gasoline propulsion without compromise, to provide breakthrough performance and efficiency. It requires no special fuels and never has to be plugged in. Familiarizing yourself with these unique characteristics will help ensure optimal performance from your new vehicle.

NORMAL VEHICLE OPERATION

Starting: Turn the ignition key to the START position while the vehicle is in Park (P). The gas engine will turn on, accompanied by the green "ready indicator" light. Your engine may shut off shortly after starting, depending on temperature and battery charge level. This is a natural part of the Mariner Hybrid's fuel-saving features. The "ready indicator" light will stay on and you do not need to restart the vehicle. Note: You may notice higher engine speeds upon start-up. This temporary condition is normal and necessary to heat up the cabin for occupant comfort.

Transmission Operation: Due to the technologically advanced, electronically controlled Continuously Variable Transaxle (eCVT) you will not feel shift changes like those of a non-hybrid vehicle. Your Mercury Mariner Hybrid's transmission is designed to do its work seamlessly. Since your engine speed is controlled by the transmission, it may seem elevated at times. This is normal hybrid operation and helps deliver fuel efficiency and performance.

Driving: The gas engine automatically starts and stops to provide power when it's needed and to save fuel when it's not. While coasting at low speeds, coming to a stop or standing, the engine normally shuts down and the vehicle operates in electric-only mode. Conditions that cause the engine to start up or remain running include:

- Driver request for moderate to rapid acceleration.
- Vehicle speed above 40 mph (65 km/h).
- Ascending a hill.

• ECON mode not selected (while the climate control is on).

• Selection of climate control defrost mode or defrost / floor mode.

• Charge level of high voltage battery is low.

• Very high or low outside temperature (to provide system cooling/heating).

Stopping: The gas engine may shut off as you come to a stop to conserve fuel. Restarting the vehicle is not required. Simply step on the accelerator when you are ready to drive.

Battery: Your Mercury Mariner Hybrid is equipped with a high voltage battery cooling system in the rear of the vehicle. A cool battery ensures battery life and provides the best possible performance. Your hybrid high voltage battery may periodically recharge itself to ensure maximum efficiency. You may notice slight changes in drivability during this process, but it's an important part of your Mercury Mariner Hybrid's high voltage battery optimization features. You may hear a series of clicks from the cargo area when you first turn the key in the ignition. This sound is the high voltage contactors closing to allow you to start your hybrid.

Neutral: It is not recommended to idle the vehicle in (N) Neutral for extended periods of time because this will discharge your high voltage battery and decrease fuel economy. Also, the engine cannot provide power to the hybrid system in N.

Low Gear: (L) Low gear is designed to mimic the enhanced engine braking available in non-hybrid vehicles. On long downhill grades, Low gear may result in high engine speeds to provide necessary engine braking. This is normal and will not damage your

vehicle. Response during acceleration should be the same as in the (D) Drive position.

Reverse: (R) Reverse Gear vehicle speed is limited to 22 mph (35 km/h).

UNIQUE HYBRID OPERATING CHARACTERISTICS

Your Mercury Mariner Hybrid, with its new technology, behaves differently compared to a non-hybrid vehicle. A description of the major differences follows:

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transmission are designed to deliver the power you need at the most efficient engine speed. During heavy accelerations, your hybrid may reach high engine speeds (up to 6000 RPM). This is a characteristic of the Atkinson cycle engine technology helping to maximize your hybrid's fuel economy. In prolonged mountainous driving, you may also see the engine tachometer changing without your input. This is intentional and maintains the battery charge level. You may also notice during extended downhill driving that your engine continues to run instead of shutting off. During this "engine braking," the engine stays on, but it's not using any fuel. You may also hear a slight whine or whistle when operating your vehicle. This is the normal operation of the electric generator in the hybrid system.

Braking: Your hybrid is equipped with standard hydraulic braking and regenerative braking. Regenerative braking is performed by your transmission and it captures brake energy and stores it in the high voltage battery. You may hear a pumping sound when you unlock or enter the vehicle and a venting sound a few minutes after shutting off the vehicle. This is the hydraulic portion of your regenerative braking system charging and discharging.

Driving to Optimize Fuel Economy: Your fuel economy should improve throughout your hybrid's break-in period. As with any vehicle, fuel economy can be significantly impacted by your driving habits and accessory usage. For best results, keep in mind these tips:

Tire Inflation: Keep tires properly inflated and only use recommended size.

Climate Control: Your hybrid is equipped with an ECON button that offers a more fuel-efficient operation of your automatic temperature control system. When activated, the ECON feature allows the engine to shut down at low speeds or when your vehicle is stopped. If cooler temperature is desired, the ECON button can be turned off, for better interior cooling but lower fuel economy. ECON mode turns itself off when you select defrost or defrost/floor mode.

Driver Habits: Aggressive driving increases the amount of energy required to move your vehicle. In general, better fuel economy is achieved with mild to moderate acceleration and deceleration. Moderate braking is particularly important since it allows you to maximize the energy captured by the regenerative braking system. Note: Having your engine running is not always an indication of inefficiency - in some cases it is actually more efficient than driving in electric mode.

Additional Tips: • Do not carry extra loads. • Be mindful of adding external accessories that may increase aerodynamic drag. • Observe posted speed limits. • Perform all scheduled maintenance. • There is no need to wait for your engine to "warm up." The vehicle is ready to drive immediately after starting.

Integrated Keyhead Transmitter (IKT) and Remote Entry System features: Your vehicle comes equipped with two specially programmed Integrated Keyhead Transmitters (IKTs). IKTs are both a programmed ignition key and a remote keyless entry transmitter. Handle the IKT carefully when starting the car to avoid accidentally pressing any of the remote entry buttons. Press [key] once to unlock the driver's door. The interior lamps will illuminate if the lamp is in the DOOR position. Press [key] twice to unlock all the doors. Press [key] once to lock all the doors. Press [key] twice to confirm all the doors and liftgate are closed. On the first press of [key], the parklamps will flash. On the second press within 3 seconds, the horn will chirp and the turn signal lamps will flash once if all the doors and the liftgate are closed. Press [key] and hold for 1.5 seconds to activate the panic alarm. Press [key] again or turn the key in the ignition to deactivate the panic alarm. Press [key] twice within 3 seconds to activate the car finder feature; your horn will chirp and your turn signal lamps will flash. It is recommended that this method be used to locate your vehicle, rather than using the panic alarm. Press [key] twice within 3 seconds to open the liftgate glass. Ensure that you keep the IKT adhesive security label in a safe place for future reference. Replacements are only available through an authorized dealer.

Center Console Storage: Your vehicle is equipped with a configurable console containing a tray and an inside bin that can be removed to open up space to fit a laptop computer, MP3 players, CDs or handbags. To remove, open the console lid and pull the bin straight up and out from the console housing. The sliding tray and inside bin can be hooked on the side or rear of the console for extra storage.

Moon Roof (if equipped): The moon roof is equipped with an automatic, one-touch, express opening feature. Press and release the rear portion of the control located in the overhead console. To stop motion at any time during the one-touch opening, press the control a second time. To close, press and hold the front portion of the control until the glass stops moving. To open the moon roof vent position, press and hold the front portion of the control. To close, press and hold the rear portion of the control until the glass stops moving.

ADDITIONAL INFORMATION

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Navigation System (if equipped): Press and hold a preset button to save an AM/FM radio station. In CD mode, press a button to play the disc in the corresponding slot. Press to access the media menu and to step through the media menu tabs consisting of various sources. Press to access the sound menu and to step through the sound menu tabs. Press to access the system menu and to step through system menu tabs. Press to seek to the next/previous available station or track. Press to load a single CD. Press and hold to load discs in all empty slot locations. Press to access the navigation map. Press while the map display is active to re-center the map on the current vehicle position. Press to access the destination entry menu and to show additional destination entry techniques.



SATELLITE COMPATIBLE SIX-DISC/MP3 RADIO

- 1. LOAD Press to load a CD with the CD6 system.
- 2. DIRECT Press to access a desired radio station, track or MP3 folder.
- 3. SCAN Press for a brief sampling of radio stations or CD/MP3 tracks.
- 4. SHUFFLE Press to play CD/MP3 tracks in random order when active (on).
- 5. ON/OFF/VOL Press to turn ON or OFF. Turn to increase or decrease the volume.
- 6. CAT/FOLD In category mode, use to select from various music categories. In MP3 mode, use to access the previous/next folder. In satellite radio mode, use to select from various satellite radio categories.
- 7. CD Press to enter CD/MP3 mode. If a disc is already loaded into the system, CD/MP3 play will begin where it ended last.
- 8. AM/FM Press to select AM, FM1 or FM2 frequency band.
- 9. EJECT Press to eject a CD. Select the desired CD slot by pressing the corresponding memory preset.
- 10. CLOCK Press to set the time. The display will read SET TIME. Use the memory preset numbers to enter in the desired time, hours and minutes.
- 11. SOUND Press repeatedly to cycle through sound options. Press ◀SEEK/TRACK▶ to adjust levels.
- 12. SEEK/TRACK Press to access the next listenable station or track.
- 13. MENU Press repeatedly to access the following features: AUTO PRESET ON/OFF, RDS ON/OFF and COMPRESSION (only available in CD/MP3 mode).
- 14. TUNE In radio mode, turn to go up or down the frequency band.
- 15. TEXT In MP3 mode, press repeatedly to scroll through display options. In satellite radio mode, press and release to display the artist and song title.
- 16. SAT (if equipped) Press to access satellite radio mode. Press repeatedly to cycle through SAT1, SAT2 and SAT3 modes.
- 17. AUX Press to access LINE (auxiliary audio mode).

NAVIGATION SYSTEM (if equipped)



- 1. MEMORY PRESETS Press and hold a preset button to save an AM/FM radio station. In CD mode, press a button to play the disc in the corresponding slot.
- 2. MEDIA Press to access the media menu and to step through the media menu tabs consisting of various sources.
- 3. SOUND Press to access the sound menu and to step through the sound menu tabs.
- 4. MENU Press to access the system menu and to step through system menu tabs.
- 5. SEEK Press to seek to the next/previous available station or track.
- 6. LOAD Press to load a single CD. Press and hold to load discs in all empty slot locations.
- 7. MAP Press to access the navigation map. Press while the map display is active to re-center the map on the current vehicle position.
- 8. DEST Press to access the destination entry menu and to show additional destination entry techniques.
- 9. NAV Press to access the navigation menu and to step through the navigation menu tabs.
- 10. REPEAT Press while navigation guidance is active to repeat the last spoken navigation guidance prompt.
- 11. TUNE Press to manually advance up or down the frequency band or to the next/previous folder in MP3 mode.

ENERGY FLOW SCREEN Press MENU then select the HEV tab. Displays a graphical representation of how power is transferred in the Hybrid system.

FUEL ECONOMY SCREEN Press Menu then select the HEV tab and fuel consumption, average fuel economy and a graph of fuel economy achieved in the last minute of driving.

For more information, please see your Navigation Supplement.

Smudges, fingerprints or scratches on the navigation discs could affect performance of the navigation system. Keep discs clean and stored in the protective jackets when not in use.

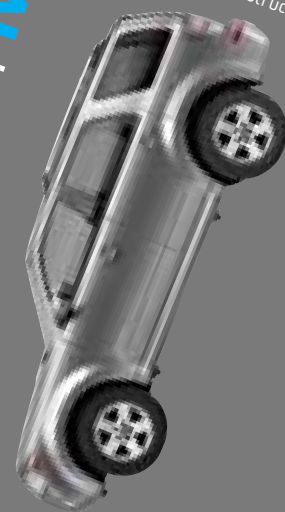


2008 MERCURY MARINER Hybrid QUICK REFERENCE GUIDE



MERCURY MARINER Hybrid

THE NEW 2008



is 100% SUV and 100% Hybrid. It requires no special fuels and never has to be plugged in. All you have to do is get in and drive.

With all the confidence of an authentic Mercury SUV combined with the benefits of a full hybrid system, every Mercury Mariner Hybrid is equipped to help you go anywhere and do anything now more efficiently than ever and in an environmentally conscious manner. In order to help you fully appreciate the features of your new vehicle and its unique characteristics, we invite you to explore this easy-to-use Quick Reference Guide.

This vehicle has unique driving characteristics to maximize its hybrid operation. Drive with care and wear a safety belt at all times. Mercury urges you to read the Owner's Guide and the Driving Your SUV or Truck Supplement for further information on safe driving precautions and instructions.

INSTRUMENT PANEL FEATURES



1. HEADLAMP AND FOG LAMP CONTROL

Rotate the headlamp control to the first position to turn on the parking lamps. Rotate to the second position to turn on the headlamps. To use the autolamp (if equipped) light sensitive on-off control for the headlamps, turn the headlamp control to the position. To turn the autolamps off, turn the control back to the O (Off) position.

2. MULTIFUNCTION LEVER

The multifunction lever controls the front and rear wipers and washers, high beam headlamps and turn signals. Rotate the end of the control away from you to increase

3. THROTTLE CONTROL/ POWERTRAIN

Illuminates when the vehicle has detected a malfunction. Report the fault to your Hybrid certified dealer at the earliest opportunity.

4. SPEED CONTROL

For your speed control to work, it must be in the ON position. Pressing and releasing the

5. TILT STEERING WHEEL LEVER

To adjust the steering wheel, push the adjustment lever down to unlock the steering column. While the lever is in the down position, tilt the steering wheel to your desired position. Then, while holding the steering column in place, pull the lever up to its original position to lock the steering column.

6. CHECK ENGINE LAMP

Illuminates briefly when ignition is turned to the RUN position. Solid illumination after start indicates the On-Board Diagnostics System has detected a malfunction. Have your vehicle serviced immediately at a Hybrid certified dealer.

9. ABS WARNING LAMP

Illuminates briefly when ignition is turned to the RUN position. If the light remains illuminated or continues to flash, a malfunction has been detected. Normal braking is still functional unless the brake warning light is also illuminated.

8. MESSAGE CENTER

When the ignition is in the RUN position, the message center in your vehicle's instrument cluster will display information through constant monitoring of vehicle systems. You may select display features on the message center for a display of status. The system will also notify you of potential vehicle problems with a display of system warnings followed by a long indicator chime.

12. MASTER VEHICLE ELECTRICAL HAZARD WARNING LAMP

Indicates a hybrid component failure or fault that will cause the vehicle to shut down or fail to start. For additional information, please see your Owner's Guide.

7. TIRE PRESSURE MONITORING SYSTEM (TPMS)

Using radio-frequency pressure sensors, this system monitors tire pressure on all road tires and provides the driver with a warning light when air needs to be added. For additional information, please see your Owner's Guide.

10. BATTERY GAUGE

The battery gauge provides information about your vehicle's energy usage. When the pointer is directed at ASSIST, this means the battery is providing extra power to boost the vehicle's acceleration. When it's pointing to CHARGE, extra energy is being stored in the battery while idling, coasting or slowing down. When you press the brake pedal, the pointer swings counterclockwise into the CHARGE zone to report that regenerative braking is underway. If the needle does not move when braking, the battery is fully charged.

15. REVERSE SENSING SYSTEM (if equipped)

This system sounds a tone to warn the driver of obstacles near the rear bumper when R (Reverse) is

13. POWER POINT - 110 VAC (if equipped)

This outlet, located on the floor console in front of the gearshift, is used for powering electrical devices that require up to 150W. Exceeding this limit will cause the power point to cut off the power temporarily to provide overload protection. The green indicator light will illuminate when the power point is ready to supply power, will blink when it is in fault mode, and will turn off when the power supply is off (ignition is not in the RUN position). This outlet does not require an adapter in order to plug in an electrical device.

14. PASSENGER AIRBAG OFF

The passenger airbag off indicator will illuminate when the passenger's frontal airbag is off. For additional information, please see your Owner's Guide.

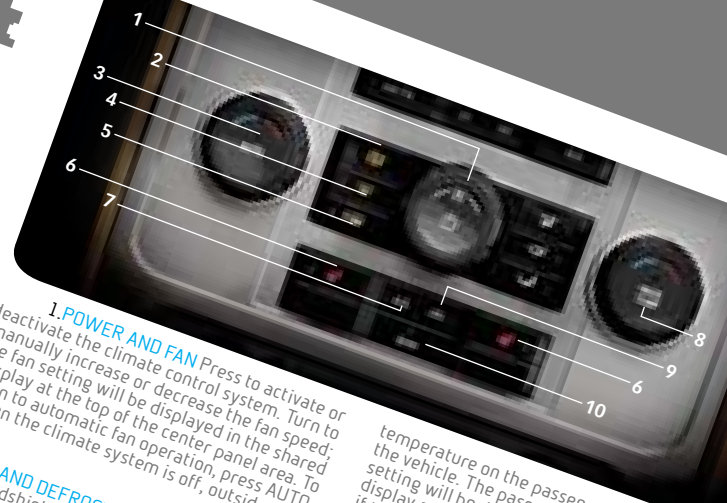
16. AUXILIARY INPUT JACK

The auxiliary input jack provides a way to connect your portable music player to the in-vehicle audio system. The audio from a portable music player to be played through the vehicle speakers. For additional information, please see your Owner's Guide.

17. AUXILIARY POWER POINTS (12V)

The 12V power point outlets, located on the instrument panel and the rear of the center console, are designed for accessory plugs only. Do not insert any other object; damage may occur and blow the fuse.

DUAL AUTOMATIC CLIMATE CONTROL



1. POWER AND FAN Press to activate or deactivate the climate control system. Turn to manually increase or decrease the fan speed; the fan setting will be displayed in the shared display at the top of the center panel area. To return to automatic fan operation, press AUTO. When the climate system is off, outside air is shut out.

2. FLOOR AND DEFROST Distributes air through the windshield defroster, demister, floor and rear seat floor vents.

3. AUTO/DRIVER TEMPERATURE Press to engage full automatic operation. Turn to increase or decrease the temperature on the driver side of the vehicle. The temperature setting will be displayed in the shared display at the top of the center panel area. The control also adjusts the passenger side temperature when PASS TEMP is disengaged.

4. DEFROST Distributes outside air through the windshield defroster vents and demister vents. It can be used to clear the windshield of fog and thin ice.

5. REAR DEFROSTER Press to clear the rear window of fog and thin ice. The rear defroster turns off automatically after a predetermined amount of time or if the Ignition is turned to LOCK or ACCESSORY position. This button also controls the outside heated mirrors (if equipped).

6. DRIVER/PASSENGER HEATED SEATS (if equipped) Press to activate or deactivate the driver or passenger heated seat. The system automatically shuts off after 10 minutes.

7. A/C Press to activate/deactivate air conditioning. Use with recirculated air to improve cooling performance and efficiency.

8. PASS TEMP Press to engage/disengage separate passenger side temperature control. Turn to increase/decrease the

temperature on the passenger side of the vehicle. The passenger temperature setting will be displayed in the shared display at the top of the center panel area, if the PASS TEMP is engaged.

9. RECIRCULATED AIR Press to activate/deactivate air recirculation in the vehicle. Recirculated air may reduce the interior of time needed to cool down and reduce undesired odors from reaching the interior of the vehicle.

10. ECON Press this button to activate/deactivate economy air conditioning operation. ECON mode will help to improve fuel economy by allowing the gas engine to turn off when it's not needed to cool the vehicle. When the gas engine turns off, the A/C compressor does not operate to cool the cabin and comfort may be reduced. To select cooling comfort over maximum fuel economy, deactivate ECON. ECON cannot be selected in or .

TIPS:
MAX A/C OPERATION Press AUTO for full automatic operation. Do not override A/C or recirculated air. Set the temperature to 60°F (16.0°C). Deactivate ECON.
Override Operation: Select A/C and recirculated air. Set the airflow to highest front fan speed initially, then adjust to maintain comfort. Deactivate ECON.

FUEL ECONOMY Fuel economy can be impacted by Climate Control usage. With the Climate Control set to Defrost or Floor/Defrost the engine may run continuously, reducing fuel economy. Setting the Climate Control A/C to ON also reduces fuel economy, by allowing the gas engine to turn off when not needed to drive the vehicle.