ESSENTIALINFORMATION

uel Type and Tank Capacity. Your fuel tank has a capacity of 15 gallons (56.8L).
Our vehicle is designed to use "Regular" unleaded gasoline with an octane ratio of 2. Do not use assoline by the second of the seco 87. Do not use gasoline labeled as "Regular" in high altitude areas that are sold wit octane ratings less than 87. Do not use E85 fuels that are blended with a maximum of 85% ethanol

ire Pressure: Your tire pressure is properly set at the dealership according t abel or Tire Label located on the B-Pillar or the edge of the driver's door. Cl About the pressure at least once a month and before long trips (including spare). As an added safety feature, your vehicle has been equipped with a Tire Pressure Monitoring System (TPMS) that illuminates a low tire pressure warning light (b) the strip of the strip

eu oue or wore or your tires is signiticautiy nuger-iutiatég. Imbroberià iu icle coetrol. Pefec to the Tices. Wheels and Leading chanter in your Owner. enicle control. Kerer to the Tires, wheels and Loading chapter in your Uwi Juide for more details and safety information

Inique Service Intervals: Please check your Owner's Guide for proper service ntervals. Your vehicle is equipped with a rear air filter that must be inspected eplaced at every service interval to avoid damage to the hybrid system. Spec aution is required when servicing brake pads. Please refer to the Owner's Gui

uel Pump/High Voltage Shut-off Switches: The fuel pump shut-off switch i located in the front passenger's footwell, behind a flip-up cover. The high volta 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 you name? Shuide.

.D.S. Post Crash Alert System: Your vehicle is equipped with the S.O.S. Post C ert system. This system provides addible and visual alarms in the event of a tensioners. The turn signals will flash and the horn will sound. To deartive a evensioners. The curn signals will flash and the horn will sound. To deactival he system, press the hazard flasher control <u>&</u> , or you can press the **仁⑦** butto by your remote transmitter.

ocation of spare tire : If you get a flat tire while driving, do not apply the brake ivily. Instead, gradually decrease your speed. Hold the steering wheel firm d slowly move to a safe place on the side of the road. Your vehicle is equipp th a temporary spare tire located under the vehicle, just forward of the rea pumper. The temporary spare is designed for emergency use only and should be replaced as soon as possible. The jack and tools are located in the right rear cargo rea, behind an access panel. For complete details on how to change your tire, refe o the Roadside Emergencies chapter in your Owner's Guide.

asy Fuel™ 'no cap' fuel system: Your vehicle has a 'no cap' fuel system which allo u to simply open the fuel filler door, insert the nozzle and start rueling. The Ea ica. If you good to fill your fuel tack with a portable fuel container, use the fu and which is less to discide the seas assesses side eases semeast meet as ref which is located inside the real passenger side cargo compartment acce c. Slowly insect the funnel into the Fasy Fuel™ system and fill the tack with

oadside Assistance: Your new Mercury Mariner Hybrid comes with the assur d support of 24-hoor emergency roadside assistance, roadside assistant c channing a flat tice towing and winch out. To cocnive coadside assistance arts, changing a fiat tire, towing, and winth out. To receive roadside assistant the United States, call 1 (800) 241-3673. In Canada, call 1 (800) 665-2006. F e information on coverage period and details of service, refer to the roadsi stance information.

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00-392-3673 (FOF

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

new vehicle. NORMAL VEHICLE OPERATION

these unique characteristic

will help ensure optimal

performance from your

Starting: Turn the ignition on 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 and performance. is normal and necessary to heat up the cabin for

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 Also, the engine cannot at low speeds, coming to a stop or standing, the engine normally shuts down and the vehicle operates in electriconly mode. Conditions that cause the engine to start u

occupant comfort.

or remain running include Driver request for moderate to rapid acceleration.

> Vehicle speed above 40 mph $(65 \, \text{km/h})$.

Ascending a hill. · ECON mode not selected (while the climate control is on).

defrost mode or defrost/ vehicle speed is limited to 2 floor mode.

Charge level of high voltage UNIQUE HYBRID

 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. Restartine the vehicle is no required. Simply step on th accelerator when you are ready to drive.

Transmission Operation Due to the technological advanced, electronically controlled Continuous Variable Transaxle (eCV vou will not feel shift changes like those of non-hybrid vehicle. You Mercury Mariner Hybrid 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

recommended to idle the vehicle in (N) Neutral for extended periods of time because this will discharg your high voltage battery and decrease fuel economy provide power to the hybrid system in N.

Low Gear: (L) Low eear is designed to mimic the enhanced engine braking available in non-hybrid vehicles. On long downhill grades, Low gear may resi in high engine speeds to provide necessary engine braking. This is normal and will not damage you vehicle. Response during acceleration should be

the same as in the (D)

 Selection of climate control Reverse: (R) Reverse Gear mph (35 km/h).

battery is low. CHARACTERISTICS

differences follows:

with a high voltage battery

Neutral: It is not

a customary part of hybrid operation and do not require service.

Engine: The engine speed in your hybrid is not directl tied to your vehicle speed. Your vehicle's engine and transmission are designed to deliver the power you need at the most efficient engine speed. During heavy accelerations, your hybrid may reach high engine

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

Battery: Your Mercury

Mariner Hybrid is equipped

cooling system in the rear o the vehicle. A cool battery ensures battery life and provides the best possible performance. Your hybrid nigh voltage battery may periodically recondition equipped with standard itself to ensure maximum hydraulic braking and efficiency. You may notice slight changes in drivability during this process, but it's is performed by your an important part of your Mercury Mariner Hybrid's brake energy and stores it in nigh voltage battery the high voltage battery. optimization features. You may hear a series of clicks from the cargo area when you first turn the key in the

closing to allow you to start vour hvbrid. In addition, you may hear fan noise and a slieht tappine sound from the rear as the vent door operates. This fan may continue to operate for short durations after the vehicle has been turned off. These noises a

gnition. This sound is the

high voltage contactors

fuel economy, ECON mode turns itself off when vou select defrost or defrost/floor mode.

speeds (up to 6000 RPM). This is a characteristic of the Atkinson cycle engine technology helping to maximize your hybrid's Driver Habits: Aggressive fuel economy. In prolonge driving increases the 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 shuttine o

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 you

vehicle. This is the normal

operation of the electric

Braking: Your hybrid is

regenerative braking.

Regenerative braking

DRIVING TO OPTIMIZE

FUEL ECONOMY

transmission and it captures

eenerator in the

hybrid system.

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 no 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.

external accessories that may increase aerodynamic drag.

speed limits.

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

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

limate 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 lowe

- Be mindful of adding

Observe posted

· Perform all scheduled maintenance.

 There is no need to wait for your engine to "warm up." The vehicle is ready to drive immediately

> Moon Roof (if equipped): The moon roof is equipped with an automatic one-touch, express opening, closing and venting feature. To open, press and lease the rear portion of the control located in the overhead console. To stop ion at any time during the one-touch opening, press the control a second ne. To close, press and release the front portion of the control until the glass

www.SyncMyRide.com.

Navigation Supplement. Please also feel free to visit

Integrated Keyhead Transmitter

(IKT) and Remote Entry System

Features: Your vehicle comes

nition key and a remote keyless entry

mitter. Handle the IKT carefully

then starting the car to avoid accident

ess 췯 once to unlock the driver's do

he interior lamps will illuminate. Press 🖰

ftgate glass. Press ᅀ once to lock all the door

If all doors and the liftgate are closed, the turn

ess 🗗 twice to confirm all the doors and liftgate

are closed and locked. The doors will lock again, the

orn will chirp once. Press 📢 🔌 to activate the panic

arm. The horn will sound and the turn lamps will flash

ess 📢 🔌 again or turn the ignition on to deactivate the

anic alarm. Press 🍪 twice within three seconds to oper

he liftgate glass. Car finder: Press ᅀ twice within three.

conds. The horn will chirp and the turn lamps will flash.

is recommended to use this method to locate your vehicle,

ther than using the panic alarm. Note: Ensure that you keep

e adhesive security labels in a safe place for future reference

lacements are only available through an authorized dealer.

SYNC (if equipped): Your vehicle may be equipped with ______

system with special phone and media features. For more information

please refer to the SYNC Supplement or to the SYNC section in the

s moving. To open the moon roof to the vent position, press the front portio

the control. To close, press and hold the rear portion of the control until the

pipped with two programmed

. 🖳

your SYNC supplement ro

.ON/OFF/VOL

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autoload up to six discs. Isert the discs, one at a tim

Fado Balanco Conod ilbelizared Aninille quipped) and ALL. quippea). when

SEEK/TRACK

tation catallite change

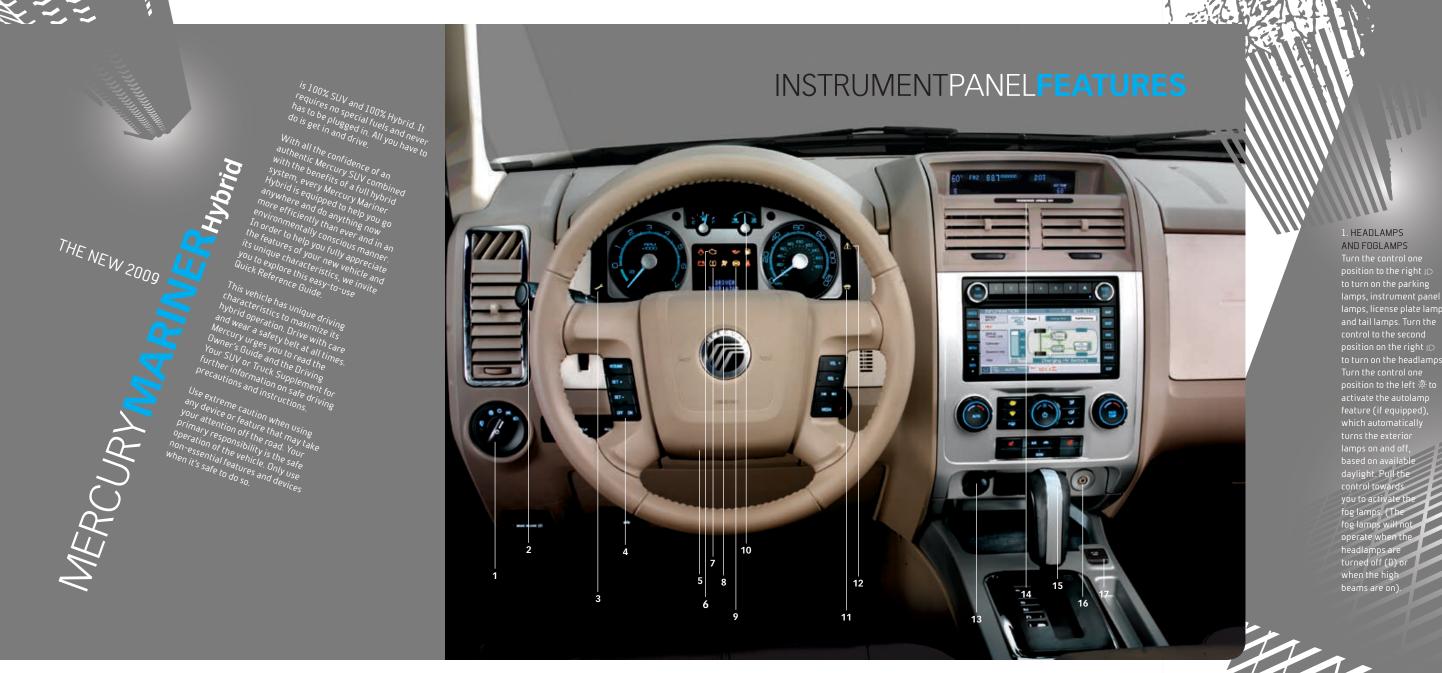
ress riangle / riangle to cycle through

TUNE/OK your vehicle is equipped wil

ess repeateury to

T2 and SAT2 mode certailillelit programmin





Rotate the end of the

decrease the speed of wiper control to the 🖺 hold activates the wash and release.

4. SPEED CONTROL

the SET + control. and hold SET+ until the dealer as soon as possible. soon as possible. Norm or briefly press SET+

2. MULTI-FUNCTION window wiper, turn the previously set speed. To more information, please

5. TILT STEERING

chapter of your

9. ABS WARNING LAMP

If the ABS light remain

6. SERVICE ENGINE

7. LOW TIRE PRESSURE brake warning light (489) is

BATTERY GAUGE

the pointer swings the CHARGE zone to

the steerine column. a display of system Please refer to your

> .2. MASTER VEHICLE ELECTRICAL HAZARD WARNING LAMP

down or fail to start.

POWER POINT -

started. The vehicle is

the vehicle to shut information, please see

110 VAC (if equipped)

ASSIST, the battery is protection. The green

14. PASSENGER AIRBAG OFF

11. READY INDICATOR Owner's Guide for

5. REVERSE SENSING

STABILITY ENHANCEMENT SYSTEM

the RSS off. An indicator and steerability of your

6. AUXILIARY INPUT JACK

rough the vehicle

peakers. For additiona your Owner's Guide. 7. AUXILIARY POWER

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