2006 ford f150 owners manual

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Instrument Cluster. Warning and control lights. Entertainment Systems. Climate Controls. Heater only. Manual heating and air conditioning. Automatic temperature control. Rear window defroster. Turn signal control. Bulb replacement. Driver Controls. Steering wheel adjustment. Power windows. Speed control. Message center. Locks and Security. Anti-theft system. Ford five hundred automobile owner's manual pages. Page 3 Ford Motor Company. Ford may change the contents without notice and without incurring obligation. Page 4: Introduction State of California to cause cancer and birth defects or other reproductive harm. Please take the time to get well acquainted with your vehicle by reading this handbook. The more you know and understand about your vehicle, the greater the safety and pleasure you will derive from driving it. In this guide, answers to such questions are contained in comments highlighted by the warning triangle symbol. These comments should be read and observed. Page 6 In order to properly diagnose and service your vehicle, Ford Motor Company, Ford of Canada, and service and repair facilities may access vehicle diagnostic information through a direct connection to your vehicle when diagnosing or servicing your vehicle. To access this information, special equipment must be directly connected to the recording modules. Ford Motor Company and Ford of Canada do not access event data recorder information without obtaining consent, Page 8 Driving chapter. Using your vehicle as an ambulance Do not use this vehicle as an ambulance. Your vehicle is not equipped with the Ford Ambulance Preparation Package. Notice to owners of pickup trucks and utility type vehicles Utility vehicles have a significantly higher rollover rate than other types of vehicles. Page 9 Introduction Cell phone use The use of Mobile Communications Equipment has become increasingly important in the conduct of business and personal affairs. Mobile Communications can enhance personal safety and security when appropriately used, particularly in emergency situations. Page 10 Introduction These are some of the symbols you may see on your vehicle. Page 13 Instrument Cluster Family carrier instrument cluster Mid instrument cluster Page 14 Instrument Cluster Luxury instrument cluster Harley-Davidson instrument cluster Warning lights and gauges can alert you to a vehicle condition that may become serious enough to cause expensive repairs. Many lights will illuminate when you start your vehicle to make sure the bulb works. Page 15 Instrument Cluster Service engine soon: The Service engine soon indicator light illuminates when the ignition is first turned to the ON position to check the bulb. Page 16 Instrument Cluster low brake fluid level and the brake system should be inspected immediately by your authorized dealer. Driving a vehicle with the brake system warning light on is dangerous. A significant decrease in braking performance may occur. It will take you longer to stop the vehicle. Have the vehicle checked by your authorized dealer. If the light remains on, have the system serviced immediately, refer to the Driving chapter for more information. Four wheel drive low: Illuminates when four-wheel drive low is engaged. Four wheel drive high: Illuminates 4x4 HI when four-wheel drive high is Page 18 Instrument Cluster Check fuel cap: Displays when the fuel cap may not be properly installed. Continued driving with this display on may cause the Service engine soon warning light to come on. Refer to Fuel filler cap in the Maintenance and Specifications chapter. Engine coolant temperature gauge: Indicates engine coolant temperature. If it enters the red section, the engine is overheating. Page 20 Instrument Cluster Odometer: Registers the total miles kilometers of the vehicle. Trip odometer: Registers the miles kilometers of individual journeys. Page 21 Instrument Cluster Engine oil pressure gauge: Indicates engine oil pressure. If the needle falls below the normal range, stop the vehicle, turn off the engine and check the engine oil level. Also use in menu mode to select various settings. Audio: Press to access select various settings. Treble: Press to adjust the treble setting. In menu mode, use to select various settings. Page 25 Entertainment Systems 3. Page 27 Entertainment Systems 9. Repeat: Press to repeat the current CD track. Fast forward: Press to manually advance in a CD track. Rewind: Press to manually reverse in a CD track. CD: Press to enter CD mode. If a CD is already loaded into the system, CD play will begin where it ended last. CD eject: Press to eject a CD. Page 30 Entertainment Systems display. Press to select a different category. Satellite radio is available only in the continental United States. SEEK to adjust the treble levels. Page 31 Entertainment Systems 6. Tape eject: Press to eject a tape. Text: This control currently not supported. Page 32 Entertainment Systems In CD mode, press to select the desired disc. Page 34 Entertainment Systems 2. Press again to return to the playing media. Page 36 Entertainment Systems 5. If a specific category is selected, Jazz, Rock, News, etc. To save satellite channels in your memory presets, tune to the desired channel then press and hold a preset control until sound returns. Page 39 12 cm audio compact discs only. Due to technical incompatibility, certain recordable and re-recordable compact discs may not function correctly when used in Ford CD players. Page 40 Note: SIRIUS reserves the unrestricted right to change, rearrange, add or delete programming including canceling, moving or adding particular channels, and its prices, at any time, with or without notice to you. Ford Motor Company shall not be responsible for any such

programming changes. The system is working properly. Fan speed adjustment: Controls the volume of air circulated in the vehicle. Temperature selection: Controls the temperature of the airflow in the vehicle. Air flow selections: Controls the direction of the airflow in the vehicle. Set the fan speed to the highest setting. Direct the outer instrument panel vents towards the side windows. To increase airflow to the outer instrument panel vents, close the vents located in the middle of the instrument panel. Do not place objects on top of the instrument panel as these objects may become projectiles in a collision or sudden stop. Page 45 Climate Controls Rear defroster if equipped : Press to defrost the rear window. Refer to Rear window defroster if equipped later in this chapter for more information. This function will clear snow, fog and thin ice from the side rear view mirrors. Page 47 Climate Controls Temperature conversion: To switch between Fahrenheit and Celsius: If your vehicle is equipped with a full message center, refer to Setup menu in the Message center section of the Driver Controls chapter for more information. If your vehicle is equipped with a mini message center, see your authorized dealer for temperature conversion. Page 48 Climate Controls engaged manually in any other airflow selection except defrost. Recirculation may turn off automatically. Use with recirculated air to improve cooling performance and efficiency. If your vehicle is equipped with a mini message center, refer to Mini message center electronic compass temperature display in the Driver Controls Chapter. Defrost: Distributes outside air through the windshield defroster vents and demister vents. Can be used to clear the windshield of fog and thin ice. Page 51 Climate Controls OFF: Outside air is shut out and the fan will not operate. Page Rear Window Defroster Climate Controls Do not place objects on top of the instrument panel as these objects may become projectiles in a collision or sudden stop. Rotate clockwise to the second position to also turn on the headlamps. Autolamp control if equipped The autolamp system provides light sensitive automatic on-off control of the exterior lights normally controlled by the headlamp control. Page 54 Lights High beams Push the lever toward the instrument panel to activate. Pull the lever towards you to deactivate. Flash to pass Pull toward you slightly to activate and release to deactivate. Daytime running lamps DRL if equipped Turns the headlamps on with a reduced output. Page 55 Lights Foglamp control if equipped The headlamp control also operates the foglamps. The foglamps can be turned on only when the headlamp control is in the position and the high beams are not turned on. Pull headlamp control towards you to turn foglamps on. Page 56 Lights Vertical aim adjustment 1. Park the vehicle directly in front of a wall or screen on a level surface, approximately 25 feet 7. Rear map lamp if equipped The rear map lamp lights are located on the end of the overhead rail system. When moist air enters the headlamp s through the vents, there is a possibility that condensation can occur. This condensation is normal and will clear within 45 minutes of headlamp operation. Using the right bulbs Replacement bulbs are specified in the chart below. Page 60 Lights Replacing headlamp bulbs 1. Make sure that the headlamp control is in the OFF position and open the hood. At the top and inboard side of the headlamp, peel the protective cover back from the lower screws and loosen the three retaining screws. Make sure the headlamp control is in the OFF position and open the hood. Make sure the headlamp control is in the OFF position. Open the tailgate to expose the lamp assembly screws and remove the two screws from the tail lamp assembly. Carefully pull the lamp assembly straight rearward from the tailgate pillar to disengage two hidden snap-in retainers. Page 63 Lights Replacing foglamp bulbs if equipped 1. Remove the bulb socket from the foglamp by turning counterclockwise. Disconnect the electrical connector from the foglamp bulb. Install the new bulb in reverse order. Replacing exterior mounted mirror turn signal indicator lamp bulbs For bulb replacement, see your authorized dealer. These include: 1. Cupholders 2. Tissue holder in lid 3. Power point 4. Page 66 Driver Controls 1. To open the bins, move the center latch forward which will allow the door to be opened. The latches on the side of the bins are to enable the user to remove the bin or add a dealer purchased feature. Page 67 Driver Controls Bin Removal Attach and remove bins from the rail using the following instructions: Place both palms on the underside of the storage bin, avoiding the storage bin door. Push upwards with palms. Page 68 Driver Controls While pushing upwards with palms, grip the side latches with fingers and squeeze. With pressure applied with palms and side latches squeezed down, pull downward on the entire storage bin and remove. Do not insert any other object in the power outlet as this will damage the outlet and blow the fuse. Do not hang any type of accessory or accessory bracket from the plug. They may seriously injure themselves. Rotate the control clockwise to adjust the right mirror and rotate the control counterclockwise to adjust the left mirror. Move the control in the direction you wish to tilt the mirror. Page 73 Driver Controls Heated outside mirrors if equipped Heated mirrors remove ice, mist and fog. To activate the heated mirrors, press the rear defrost button located on the climate control panel. Page Speed Control Driver Controls Never adjust the accelerator and brake pedal with feet on the pedals while the vehicle is moving. This will automatically

return the vehicle to the previously set speed. Do not let children play with the moon roof or leave children unattended in the vehicle. Page 78 Driver Controls To open the moon roof: The moon roof is equipped with a one-touch open feature. Press and release control. Press and release the control again to fully open. To stop the one-touch open feature press either the ROOF control again. Page 79 Driver Controls When programming your HomeLink Wireless Control System to a garage door or gate, be sure that people and objects are out of the way to prevent potential harm or damage. Do not use the HomeLink Wireless Control System with any garage door opener that lacks safety stop and reverse features as required by U. Page 80 Driver Controls 3. Simultaneously press and hold both the HomeLink and hand-held transmitter button. Do not release the buttons until Step 4 has been completed. Release both buttons. Do not hold for longer that 30 seconds. Page 83 Driver Controls Usually, when something affects the compass readings, the compass will correct itself after a few days of operating your vehicle in normal conditions. If the compass still appears to be inaccurate, a manual calibration may be necessary. Refer to Compass calibration adjustment. Page Message Center Driver Controls 1. Start the vehicle. To enter the compass calibration mode, press and hold the button for greater than eight seconds. The display will then show CAL in the display window. Compass display The compass reading may be affected when you drive near large buildings, bridges, power lines and powerful broadcast antenna. Determine your magnetic zone by referring to the zone map. Turn ignition to the ON position. Start the engine. The top of the message center must be blank. Page 87 Driver Controls The compass is now calibrated. Distance to empty DTE Selecting this function from the INFO menu estimates approximately how far you can drive with the fuel remaining in your tank under normal driving conditions. Remember to turn the ignition OFF when refueling to allow this feature to correctly detect the added fuel. Page 88 Driver Controls 1. Drive the vehicle at least 5 miles 8 km with the speed control system engaged to display a stabilized average. Record the highway fuel economy for future reference. It is important to press the RESET control after setting the speed control to get accurate highway fuel economy readings. Page 89 Driver Controls The sequence of the system check report and how it appears in the message center is as follows: 1. Page 90 Driver Controls Language 1. Displayed when the electrical system is not maintaining proper voltage. If you are operating electrical accessories when the engine is idling at a low speed, turn off as many of the electrical loads as soon as possible. If the warning stays on or comes on when the engine is operating at normal speeds, have the electrical system checked as soon as possible. Position the floor mat so that the eyelet is over the pointed end of the retention post. Make sure that the mat does not interfere with the operation of the accelerator or the brake pedal. Page 94 Driver Controls Tailgate removal Your tailgate is removable to allow more room for loading. Lower the tailgate. Use a screwdriver to pry the spring clip on each connector past the head of the support screw. Disconnect cable. Disconnect the other cable. Page 95 Driver Controls 4. Evenly push down on the extender and push the round knobs in on each side locking it in place. Green markings on the shaft indicate the locked position. The locking clip screws below the middle bar can be tightened counterclockwise for extra security. In case of loss, replacement keys are available from your dealer. You should always carry a second key with you in a safe place in case you require it in an emergency. Refer to the SecuriLock passive anti-theft system section in this chapter for more information. The childproof locks are located on rear edge of each rear door and must be set separately for each door. If there are problems with the remote entry system, make sure to take ALL remote entry transmitters with you to your authorized dealer in order to aid in troubleshooting the problem. Page Locks and Security Activating the memory feature To activate this feature: 1. Position the seat and adjustable pedals to the positions you desire. Page Locks and Security 2. Do not wipe off any grease on the battery terminals on the back surface of the circuit board. Remove the old battery. Note: Please refer to local regulations when disposing of transmitter batteries. Insert the new battery. Refer to the diagram inside the remote entry transmitter for the correct orientation of the battery. The battery saver will shut off the interior lamps 30 minutes after the last door is closed, even if the dimmer control is on. Page Locks and Security 4. Within five seconds, press the control two times. Note: One horn chirp should be heard, indicating the system has been disabled. Conversely, a horn chirp followed by a honk will indicate the system is enabled. If the procedure needs to be repeated, you must wait a minimum of 30 seconds to begin again. Page Locks and Security Message center procedure For information regarding the activation and deactivation of the autolocks feature using the message center, refer to Message center if equipped in the Driver Controls chapter. Page Locks and Security Programming a personal entry code To create your own personal entry code: 1. Enter the factory set code keypad will illuminate when pressed. Enter your personal 5-digit code. Each number must be entered within five seconds of each other. Use of these systems may result in vehicle starting problems and a loss of security protection. Note: Large metallic

objects, electronic devices that are used to purchase gasoline or similar items, or a second coded key on the same key chain may cause vehicle starting issues. Automatic disarming Switching the ignition to the 3 ON position with a coded key disarms the vehicle. Page Locks and Security 1. Do not pile cargo higher than the seatbacks to reduce the risk of injury in a collision or sudden stop. Page Seating and Safety Restraints Push control to lower head restraint. Make sure that the seat is relatched into place. Page Seating and Safety Restraints Using the armrest if equipped Push the release control to move the armrest up or down. Using the manual lumbar support For more lumbar support, turn the lumbar support control toward the front of vehicle. For less lumbar support, turn the lumbar support control toward the rear of vehicle. Page Seating and Safety Restraints Sitting improperly out of position or with the seat back reclined too far can take off weight from the seat cushion and affect the decision of the passenger sensing system, resulting in serious injury or death in a crash. Always sit upright against your seatback, with your feet on the floor. Page Seating and Safety Restraints The head restraints can be moved up and down. Lift the head restraint so that it is located directly or as close as possible behind your head. Push control to lower head restraint. Page Safety Restraints Seating and Safety Restraints Returning the seat to seating position Before returning the seatback to its original position, make sure that cargo or any objects are not trapped underneath the seatback. After returning the seatback to its original position, pull on the seatback to ensure that it has fully latched. Page Seating and Safety Restraints in rear-facing child seats, this occurs because they are initially sitting very close to the airbag. For other occupants, this occurs when the occupant is not properly restrained by seat belts or child safety seats and they move forward during pre-crash braking. Page Seating and Safety Restraints position the occupant relative to the airbag to improve protection. The safety belt pretensioners can be either activated alone or, if the collision is of sufficient severity, together with the airbags. Page Seating and Safety Restraints To reduce the risk of injury, make sure children sit in the back seat where they can be properly restrained. Never let a passenger hold a child on his or her lap while the vehicle is moving. The passenger cannot protect the child from injury in a collision. Page Seating and Safety Restraints Combination lap and shoulder belts 1. Insert the belt tongue into the proper buckle the buckle closest to the direction the tongue is coming from until you hear a snap and feel it latch. Make sure the tongue is securely fastened in the buckle. Page Seating and Safety Restraints 2. Insert the belt into the clip on the back panel. Protect the stowed belt if you carry cargo this may damage or soil the belt. If the belt has been disconnected to carry large objects behind the seat, reconnect it as follows: 1. Page Seating and Safety Restraints shortened, but pinches the webbing to keep the lap portion from getting longer. Page Seating and Safety Restraints Each seating position in your vehicle has a specific safety belt assembly which is made up of one buckle and one tongue that are designed to be used as a pair. Page Seating and Safety Restraints Insert the tongue into the correct buckle the buckle closest to the direction the tongue is coming from. To lengthen the belt, turn the tongue at a right angle to the belt and pull across your lap until it reaches the buckle. The Regular Cab front center seatbelt has a cinch mechanism. Grasp the shoulder portion and pull downward until the entire belt is extracted. Allow the belt to retract. As the belt retracts, you will hear a clicking sound. This indicates the safety belt is now in the automatic locking mode. Page Seating and Safety Restraints The driver and front outboard passenger safety belt pretensioners are designed to activate only during certain frontal or near-frontal collisions with sufficient longitudinal deceleration. A safety belt buckle pretensioner is a device which tightens the webbing of the lap and shoulder belts during some collisions in such a way that they fit more snugly against the body. Page Seating and Safety Restraints Front safety belt height adjustment Your vehicle has safety belt height adjustments for the driver and right front passenger. Adjust the height of the shoulder belt so the belt rests across the middle of your shoulder. To lower the shoulder belt height, push the button and slide the height adjuster down. Page if equipped , shoulder belt guide on seatback if equipped , child safety seat LATCH and tether anchors, and attaching hardware, should be inspected after a collision. Ford Motor Company recommends that all safety belt assemblies in use in vehicles involved in a collision be replaced. Page Seating and Safety Restraints If Page Seating and Safety Restraints Reasons given Airbag cover The airbag supplemental restraint system is designed to work in conjunction with the safety belts to help protect the driver and front outboard passenger from certain upper body injuries. Page Seating and Safety Restraints Important SRS precautions All occupants of the vehicle, including the driver, should always properly wear their safety belts, even when an airbag SRS is provided. Always transport children 12 years old and under in the back seat if your vehicle has a back seat. Page Seating and Safety Restraints Do not put anything on or over the airbag cover 1. Placing objects on or over the airbag cover may cause those objects to be thrown by the airbag into your face and torso or may result in a failure of the airbag to inflate

properly, both of which could result in serious injury. Page Seating and Safety Restraints Children and airbags For additional important safety information, read all information on safety restraints in this guide. Children must always be properly restrained. Accident statistics suggest that children are safer when properly restrained in the rear seat than in the front seat. Page Seating and Safety Restraints How does the airbag supplemental restraint system work? The airbag SRS is designed to activate when the vehicle sustains sufficient longitudinal deceleration. The fact that the airbags did not inflate in a collision does not mean that something is wrong with the system. Page Seating and Safety Restraints If the airbag has deployed, the airbag will not function again and must be replaced immediately. If the airbag is not replaced, the unrepaired area will increase the risk of injury in a collision. Determining if the system is operational The SRS uses readiness lights in the instrument cluster or a tone to indicate the condition of the system. Page Seating and Safety Restraints The front passenger sensing system may detect small or medium objects placed on the seat cushion. For most objects that are in the front passenger seat, the passenger airbag will be disabled. Even though the passenger airbag is disabled, the pass airbag off lamp may or may not be illuminated according to the table below. Page Seating and Safety Restraints To reduce the risk of possible serious injury: Do not stow objects in seat back map pocket if equipped or hang objects off seat back if a child is in the front passenger seat. Do not place objects underneath the front passenger seat or between the seat and the center console if equipped. Page To improve the fit of both the lap and shoulder belt on children who have outgrown child safety seats, Ford Motor Company recommends use of a belt-positioning booster. Booster seats position a child so that safety belts fit better. They lift the child up so that the lap belt rests low across the hips and the knees bend comfortably. Page Seating and Safety Restraints Children and booster seats vary widely in size and shape. Choose a booster that keeps the lap belt low and snug across the hips, never up across the stomach, and lets you adjust the shoulder belt to cross the chest and rest snugly near the center of the shoulder. Page Seating and Safety Restraints Never use pillows, books, or towels to boost a child. They can slide around and increase the likelihood of injury or death in a collision. Page 36 kg 80 pounds using an upper torso harness and a belt-positioning booster. Ford recommends the use of a child safety seat having a top tether strap. Page Seating and Safety Restraints 1. Position the child safety seat in a seat with a combination lap and shoulder belt. Pull down on the shoulder belt and then grasp the shoulder belt and lap belt together. While holding the shoulder and lap belt portions together, route the tongue through the child seat according to the child seat Page Seating and Safety Restraints 4. Insert the belt tongue into the proper buckle the buckle closest to the direction the tongue is coming from for that seating position until you hear a snap and feel the latch engage. Make sure the tongue is latched securely by pulling on it. Page Seating and Safety Restraints 8. Allow the safety belt to retract to remove any slack in the belt. Before placing the child in the seat, forcibly move the seat forward and back to make sure the seat is securely held in place. To check this, grab the seat at the belt path and attempt to move it side to side and forward. Page Seating and Safety Restraints 5. Insert the belt tongue into the proper buckle for that seating positions until you hear a snap and feel it latch. Make sure the tongue is securely latched to the buckle by pulling on the tongue. Page Seating and Safety Restraints 9. The shoulder belt must be snug to keep the lap belt tight during a collision. Installing child safety seats in the front row lap belt seating positions SuperCab and SuperCrew Installing a child safety seat in the front row lap seating position should be avoided if at all possible. Page Seating and Safety Restraints Attaching child safety seats with tether straps Most new forward-facing child safety seats include a tether strap which goes over the back of the seat and hooks to an anchoring point. Tether straps are available as an accessory for many older safety seats. Contact the manufacturer of your child seat for information about ordering a tether strap. Page Seating and Safety Restraints Front seat tether strap attachment 1. Position the child safety seat on the seat cushion. Route the child safety seat tether strap over the back of the seat and under the head restraint. Locate the correct anchor for the selected seating position. Page Seating and Safety Restraints Rear seat tether strap attachment There are three loops of webbing just above the back of the rear seat along the bottom edge of the rear window in the SuperCab and SuperCrew. These loops are to be used as both routing loops and anchor loops for up to three child safety seat tether straps. Page Seating and Safety Restraints 3. Follow the instructions in this chapter. Attaching safety seats with LATCH Lower Anchors and Tethers for Children attachments for child seat anchors Some child safety seats have two rigid or webbing mounted attachments that connect to two anchors at certain seating positions in your vehicle. Page Seating and Safety Restraints The lower anchors for child seat installation are located at the rear section of the seat between the cushion and seat back. Utility vehicles and trucks are not designed for cornering at speeds as high as passenger cars any more than low-slung sports cars are designed Page

Tires, Wheels and Loading Power is supplied to all four wheels through a transfer case or power transfer unit. Information on transfer case operation and shifting procedures can be found in the Driving chapter. Department of Transportation-Tire quality grades: The U. Department of Transportation requires Ford Motor Company to give you the following information about tire grades exactly as the government has written it. Page Tires, Wheels and Loading Treadwear The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. Page Always inflate your tires to the Ford recommended inflation pressure even if it is less than the maximum inflation pressure information found on the tire. The cold inflation pressure should never be set lower than the recommended pressure on the Safety Compliance Certification Label or Tire Label. Page Tires, Wheels and Loading 6. Visually inspect the tires to make sure there are no nails or other objects embedded that could poke a hole in the tire and cause an air leak. Check the sidewalls to make sure there are no gouges, cuts or bulges. Page Only use replacement tires and wheels that are the same size and type such as P-metric versus LT-metric or all-season versus all-terrain as those originally provided by Ford. Use of any tire or wheel not recommended by Ford can affect the safety and performance of your vehicle, which could result in an increased risk of loss of vehicle control, vehicle rollover, personal injury and death. Page Tires, Wheels and Loading It is recommended that the two front tires or two rear tires generally be replaced as a pair. Safety practices Driving habits have a great deal to do with your tire mileage and safety. Page Tires, Wheels and Loading Front wheel drive FWD vehicles and those with an independent rear suspension if equipped may require alignment of all four wheels. The tires should also be balanced periodically. An unbalanced tire and wheel assembly may result in irregular tire wear. Tire rotation Rotating your tires at the recommended interval as indicated in the scheduled maintenance information that comes with your vehicle will Page Tires, Wheels and Loading Note: After having your tires rotated, inflation pressure must be checked and adjusted to the vehicle requirements. This information identifies and describes the fundamental characteristics of the tire and also provides a U. Page Tires, Wheels and Loading Note: You may not find this information on all tires because it is not required by federal law. The speed rating denotes the speed at which a tire is designed to be driven for extended periods of time under a standard condition of load and inflation pressure. Page Tires, Wheels and Loading 9. Tire Ply Composition and Material Used: Indicates the number of plies or the number of layers of rubber-coated fabric in the tire tread and sidewall. Note: The temporary tire size for your vehicle may be different from this example. The tires on your vehicle have all weather treads to provide traction in rain and snow. However, in some climates, you may need to use snow tires and chains. Page Tires, Wheels and Loading Payload â€" is the combined weight of cargo and passengers that the vehicle is carrying. When towing, trailer tongue load or king pin weight is also part of cargo weight. The total load on each axle must never exceed its GAWR. Page Tires, Wheels and Loading Maximum Loaded Trailer Weight â€" is the highest possible weight of a fully loaded trailer the vehicle can tow. Page Tires, Wheels and Loading 5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4. If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Loaded vehicles may handle differently than unloaded vehicles. The trailer brakes must meet local and Federal regulations. Page Tires, Wheels and Loading Servicing after towing If you tow a trailer for long distances, your vehicle will require more frequent service intervals. Refer to your Scheduled Maintenance Information for more information. Replace the rear axle lubricant any time the axle has been submerged in water. Note: The ignition key cannot be removed from the ignition unless the gearshift lever is securely latched in P Park. Page Driving Do not start your vehicle in a closed garage or in other enclosed areas. Exhaust fumes can be toxic. Always open the garage door before you start the engine. See Guarding against exhaust fumes in this chapter for more instructions. If you smell exhaust fumes inside your vehicle, have your dealer inspect your vehicle immediately. Page Driving Starting the engine 1. If there is difficulty in turning the key, rotate the steering wheel until the key turns freely. Page Brakes Driving To reduce the risk of electrical shock, do not use your heater with ungrounded electrical systems or two-pronged cheater adapters. If a metal-to-metal, continuous grinding or continuous squeal sound is present, the brake linings may be worn-out and should be inspected by an authorized dealer. If the light does not illuminate during start up, remains on or flashes, the ABS may be disabled and may need to be serviced. Even when the ABS is disabled, normal braking is still effective. Always set the parking brake fully and make sure that the gearshift is securely latched in P Park automatic transmission or in 1 First manual transmission. Page Driving The Traction Control switch, located on the center console, has an indicator light that illuminates when the system is off. The Traction Control system will automatically turn on every time the ignition is turned off

and on. The Traction Control system should normally be left on. Under normal conditions, the Traction-Lok axle functions like a standard rear axle. The axle may exhibit a slight noise or vibration in tight turns with low vehicle speed. This is normal behavior and indicates the axle is working. Refer to Fuses and relays in the Roadside Emergencies chapter. If the fuse is not blown, perform the following procedure: 1. Apply the parking brake, turn the ignition to LOCK, then remove the key. Page Driving Always set the parking brake fully and make sure the gearshift is latched in P Park. Turn the ignition to the LOCK position and remove the key whenever you leave your vehicle. If the parking brake is fully released, but the brake warning lamp remains illuminated, the brakes may not be working properly. Drive not shown Drive is activated when the transmission control switch is pressed. Page Driving 2. Press the clutch pedal to the floor, then put the gearshift lever in the neutral position. Start the engine, then press the brake pedal and release the parking brake. Move the gearshift lever to 1st gear, then slowly release the clutch pedal while slowly pressing on the accelerator. This system is not designed to prevent contact with small or moving objects. The system is designed to provide a warning to assist the driver in detecting large stationary objects to avoid damaging the vehicle. Illuminates when 4L is selected. Provides optimal smoothness and fuel economy at high speeds. Page Driving 3. Place the transmission in N Neutral. Move the transfer case lever through N Neutral directly to the desired position. Intended only for off-road applications such as deep sand, steep grades or pulling heavy objects. This is appropriate for all on-road driving conditions, such as dry road surfaces, wet pavement, snow, gravel and shallow sand. Page Driving steering and braking control of your vehicle, you must have all four wheels on the ground and they must be rolling, not sliding or spinning. Doing so will produce excessive noise, increase tire wear and may damage drive components. Page Driving Do not rock the vehicle if the engine is not at normal operating temperature or damage to the transmission may occur. Do not rock the vehicle for more than a few minutes or damage to the transmission and tires may occur or the engine may overheat. Page Driving the driveline. Therefore, the vehicle is free to roll even if the automatic transmission is in P Park or the manual transmission is in gear. Do not leave the vehicle unattended with the transfer case in the N Neutral position. Page Ford Motor Company joins the U. Forest Service and the Bureau of Land Management in encouraging you to help preserve our national forest and Page Driving Driving on hilly or sloping terrain Although natural obstacles may make it necessary to travel diagonally up or down a hill or steep incline, you should always try to drive straight up or straight down. Avoid driving crosswise or turning on steep slopes or hills. Page Ford Motor Company recommends that caution be used with any vehicle equipped with a high load or device such as ladder racks or pickup box cover. Page Snow Plow Prep Package is not available. Installing the snowplow Weight limits and guidelines for selecting and installing the snowplow can be found in the Ford Truck Body Builders Layout Book, Snowplow section, found at Page Operating the vehicle with the snowplow attached Ford recommends that the Fâ€" be limited to low speed, personal-use snow removal. Do not use your vehicle for snow removal until it has been driven at least miles km. Page Do not attempt to service, repair, or modify the air bag supplemental restraint system SRS or its fuses. See your Ford or Lincoln Mercury dealer. Page Driving Engine temperature while plowing When driving with a plow, your engine may run at a higher temperature than normal because the attached snowplow blade will restrict airflow to the radiator. If you are driving more than 15 miles 24 km at temperatures above freezing, angle the plow blade either full left or full right to provide maximum airflow to the radiator. Page Roadside Emergencies 50, miles 80, km on Lincoln vehicles. Page 1â€"â€"â€"; Lincoln vehicle customers call 1â€"â€"â€" Canadian customers who require roadside assistance, call 1â€"â€"â€" If you need to arrange roadside assistance for yourself, Ford Motor Company will reimburse a reasonable amount. To obtain reimbursement information, U. Ford or Mercury vehicles customers call ; The hazard flashers will operate when the ignition is in any position or if the key is not in the ignition. Push in the flasher control and all front and rear direction signals will flash. After an accident, if the engine cranks but does not start, this switch may have been activated. Page Roadside Emergencies The fuses are coded as follows. Page Roadside Emergencies Auxiliary relay box The relay box is located in the engine compartment on the left fender. Page Changing Tires Ford. If the dissimilar spare tire or wheel is damaged, it should be replaced rather than repaired. Page Roadside Emergencies Location of the spare tire and tools The spare tire and tools for your vehicle are stowed in the following locations: Tool Location Spare tire Under the vehicle, just forward of the rear bumper Jack, jack handle and lug nut Regular Cab: Behind the interior wrench trim on the passenger side of the Page Roadside Emergencies Tire change procedure To help prevent the vehicle from moving when you change a tire, be sure the parking brake is set, then block in both directions the wheel that is diagonally opposite other side and end of the vehicle to the tire being changed. Page Roadside Emergencies 7. Position the jack according to

the following guides and turn the jack handle clockwise until the wheel is completely off the ground. When one of the rear wheels is off the ground, the transmission alone will not prevent the vehicle from moving or slipping off the jack, even if the transmission is in P Park. Page Roadside Emergencies 9. Replace the flat tire with the spare tire, making sure the valve stem is facing outward. Reinstall the lug nuts until the wheel is snug against the hub. Do not fully tighten the lug nuts until the wheel has been lowered. Page Lug Nut Torque M14 x 2. Use only Ford recommended replacement fasteners. When a wheel is installed, always remove any corrosion, dirt or foreign materials present on the mounting surfaces of the wheel or the surface of the wheel hub, brake drum or brake disc that contacts the wheel. An explosion could result in injury or vehicle damage. Batteries contain sulfuric acid which can burn skin, eyes and clothing, if contacted. Do not attempt to push-start your vehicle. Page Roadside Emergencies Connecting the jumper cables 1. Note: In the illustrations, lightning bolts are used to designate the assisting boosting battery. Page Roadside Emergencies 3. Connect the negative - cable to the negative - terminal of the assisting battery. Once the disabled vehicle has been started, run both engines for an additional three minutes before disconnecting the jumper cables. Removing the jumper cables Remove the jumper cables in the reverse order that they were connected. Remove the jumper cable from the ground metal surface. After the disabled vehicle has been started and the jumper cables removed, allow it to idle for several minutes so the engine computer can relearn its idle conditions. Page Wrecker Towing Ford recommends your vehicle be towed with a wheel lift or flatbed. Do not tow with a slingbelt. Ford Motor Company has not approved a slingbelt towing procedure. Away from home If you own a Ford or Mercury vehicle and are away from home when your vehicle needs service, or if you need more help than the authorized dealer could provide, after following the steps described above, contact the Ford Customer Relationship Center to find an authorized dealer to help you. Page If you own a Lincoln vehicle and are away from home when your vehicle needs service, or if you need more help than the authorized dealer could provide, after following the steps described above, contact the Ford Customer Relationship Center to find an authorized dealer to help you. Page Customer Assistance In some states in the U. Ford is also allowed a final repair attempt in some states. In the United States, a warranty dispute must be submitted to the Page You are not bound by the decision but may choose to accept it. If the arbitrator has decided in Page United States and Canada, provided by a network of more than 4, participating authorized dealers. If you did not take advantage of the Ford Extended Service Plan at the time of purchasing your vehicle, you may still be eligible. Since this Page The use of leaded fuel in your vehicle without proper conversion may damage the effectiveness of your emission control system and may cause engine knocking or serious engine damage. Page Reporting Safety Defects U. These products are available from your authorized dealer. Page Cleaning available from your authorized dealer. This washer fluid contains special solution in addition to alcohol which helps to remove the hot wax deposited on the wiper blade and windshield from automated car wash facilities. Be sure to replace wiper blades when they appear worn or do not function properly. Page Cleaning Cleaning For dirt, use a vacuum cleaner then use a clean, damp cloth or soft brush. For routine cleaning, wipe the surface with a soft, damp cloth. For more thorough cleaning, wipe the surface with a mild soap. These quality products have been specifically engineered to fulfill your automotive needs; If your vehicle requires professional service, your authorized dealer can provide the necessary parts and service. Page Maintenance and Specifications 2. Block the wheels. Set the parking brake, depress the clutch and place the gearshift in N Neutral. Note: Do not start your engine with the air cleaner removed and do not remove it while the engine is running. Battery 2. Clutch fluid reservoir manual transmission 3. Power steering fluid reservoir 4. Brake fluid reservoir 5. Engine coolant reservoir 6. Air filter assembly 7. Engine oil filler cap 8. Page Maintenance and Specifications 4. Transmission fluid dipstick automatic transmission 3. Engine oil filler cap 4. Power steering fluid reservoir 5. Engine oil dipstick 6. Brake fluid reservoir 7. Engine coolant reservoir 8. Air filter assembly 9. Windshield washer fluid reservoir Page Maintenance and Specifications 5. Air filter assembly 4. Engine oil filler cap 9. Page In very cold weather, do not fill the reservoir completely. Do not use any special washer fluid such as windshield water repellent type fluid or bug wash. They may cause squeaking, chatter noise, streaking and smearing. Page Engine Oil Maintenance and Specifications Poor wiper quality can be improved by cleaning the wiper blades and the windshield, refer to Windows and wiper blades in the Cleaning chapter. To prolong the life of the wiper blades, it is highly recommended to scrape off the ice on the windshield before turning on the wipers. Locate and carefully remove the engine oil level indicator dipstick. Wipe the indicator clean. Insert the indicator fully, then remove it again. Page Change your engine oil and filter according to the appropriate schedule listed in scheduled maintenance information. Ford production and aftermarket Motorcraft oil filters are designed for added engine protection and long life. If a replacement oil

filter is used that does not meet Ford material and design specifications, start-up engine noises or knock may be experienced. However, for severe usage or in high temperature climates, check the battery electrolyte level. Refer to the scheduled maintenance information for the service interval schedules. Lift the battery with a battery carrier or with your hands on opposite corners. Follow your local authorized standards for disposal. Call your local authorized recycling center to find out more about recycling automotive batteries. Page Maintenance and Specifications When the engine is cold, check the level of the engine coolant in the reservoir. Page Recycled engine coolant Ford Motor Company does NOT recommend the use of recycled engine coolant in vehicles originally equipped with Motorcraft Premium Gold Engine Coolant since a Ford-approved recycling process is not yet available. Fill your engine coolant reservoir as outlined in Adding engine coolant in this section. Page Fuel Information Maintenance and Specifications Never remove the coolant reservoir cap while the engine is running or hot. Restart the engine and take your vehicle to an authorized dealer. Driving the vehicle without repairing the engine problem increases the chance of engine damage. Take your vehicle to an authorized dealer as soon as possible. Fuel such as gasoline is highly toxic and if swallowed can cause death or permanent injury. Page Maintenance and Specifications Refueling Fuel vapor burns violently and a fuel fire can cause severe injuries. Page The customer warranty may be void for any damage to the fuel tank or fuel system if the correct genuine Ford or Motorcraft fuel filler cap is not used. The fuel system may be under pressure. If the fuel filler cap is venting vapor or if you hear a hissing sound, wait until it stops before completely removing the fuel filler cap. Page Repairs to correct the effects of using a fuel for which your vehicle was not designed may not be covered by your warranty. Page Maintenance and Specifications Running out of fuel Avoid running out of fuel because this situation may have an adverse effect on powertrain components. Page Maintenance and Specifications If other than Ford, Motorcraft or Ford-authorized parts are used for maintenance replacements or for service of components affecting emission control, such non-Ford parts should be equivalent to genuine Ford Motor Company parts in performance and durability. Page Maintenance and Specifications 3. The fuel cap may not have been securely tightened. See Fuel filler cap in this chapter. After three driving cycles without these or any other temporary malfunctions present, the indicator should turn offâ€"A driving cycle consists of a Refer to scheduled maintenance for the service interval schedules. Start the engine and let it run until it reaches normal operating temperature the engine coolant temperature gauge indicator will be near the center of the normal area between H and C. Page If the fluid level drops, refill the fluid level to the step in the reservoir. Refer to Lubricant specifications in this chapter. Brake fluid is toxic. If brake fluid contacts the eyes, flush eyes with running water for 15 minutes. Page Maintenance and Specifications 1. Clean the reservoir cap before removal to prevent dirt and water from entering the reservoir. Remove cap and rubber diaphragm from reservoir. Add fluid until the level reaches the step in the reservoir. Reinstall rubber diaphragm and cap onto reservoir. Latch the gearshift lever in P Park and leave the engine running. Remove the dipstick, wiping it clean with a clean, dry lint free rag. If necessary, refer to Identifying components in the engine compartment in this chapter for the location of the dipstick. Page Maintenance and Specifications High fluid level Fluid levels above the safe range may result in transmission failure. High fluid levels can be caused by an overheating condition. Adjusting automatic transmission fluid levels Before adding any fluid, make sure the correct type is used. Page 4. Add enough fluid through the filler opening so that the fluid level is at the bottom of the opening. Install and tighten the fill plug securely. Use only fluid that meets Ford specifications. Page Use only fluid that meets Ford specifications. When changing the air filter element, use only the Motorcraft air filter element listed. Refer to Motorcraft part numbers in this chapter. Release two retainer clamps. Pull air filter tray assembly out toward front of vehicle and lift air filter element up and out of housing. The air filter box needs to be free of any debris before installing a new air filter. Replace the PCV valve with one that meets Ford material and design specifications for your vehicle, such as a Motorcraft or equivalent replacement part. The customer warranty may be void for any damage to the emissions system if such a PCV valve is not used. Cab 6. Page Lubricant Specifications Add 4 oz. Service refill capacity is determined by filling the axle to the bottom of the filler hole with the vehicle on a level surface. Page Maintenance and Specifications World manufacturer identifier 2. Vehicle line, series, body type 4. Engine type 5. Check digit 6. Model year 7. Ford Motor Company will repair or Any such equipment installed in your vehicle should comply with FCC or CRTC regulations and should be installed only by a qualified service technician. Page Index Index maintenance-free Page Emergency Flashers Page Index checking and adding Page Index Power distribution box Safety see Fuses Page Index Specification chart, Transfer case lubricants Print page 1 Print document pages. Cancel Delete. Sign In OR. Don't have an account? Sign up! Restore password. Upload from disk. Upload from URL. Quick Links. See

also: Quick Reference Manual. Table of Contents. Instrument Cluster. Warning Lights And Chimes. Entertainment Systems. Climate Controls. Turn Signal Control. Bulb Replacement. Driver Controls. Steering Wheel Adjustment. Locks And Security. Owners Guide postfmt. USA fus. Ford five hundred automobile owner's manual pages. Ford may change the contents without notice and without incurring obligation. Page 4: Introduction State of California to cause cancer and birth defects or other reproductive harm. Please take the time to get well acquainted with your vehicle by reading this handbook. The more you know and understand about your vehicle, the greater the safety and pleasure you will derive from driving it. In this guide, answers to such questions are contained in comments highlighted by the warning triangle symbol. These comments should be read and observed. Page 6 In order to properly diagnose and service your vehicle, Ford Motor Company, Ford of Canada, and service and repair facilities may access vehicle diagnostic information through a direct connection to your vehicle when diagnosing or servicing your vehicle. To access this information, special equipment must be directly connected to the recording modules. Ford Motor Company and Ford of Canada do not access event data recorder information without obtaining consent, Page 8 Introduction Using your vehicle as an ambulance Do not use this vehicle as an ambulance. Your vehicle is not equipped with the Ford Ambulance Preparation Package. Notice to owners of pickup trucks and utility type vehicles Utility vehicles have a significantly higher rollover rate than other types of vehicles. Page 9 Introduction Cell phone use The use of Mobile Communications Equipment has become increasingly important in the conduct of business and personal affairs. Mobile Communications can enhance personal safety and security when appropriately used, particularly in emergency situations. Page 10 Introduction These are some of the symbols you may see on your vehicle. Many lights will illuminate when you start your vehicle to make sure the bulb works. Page 15 Instrument Cluster Service engine soon: The Service engine soon indicator light illuminates when the ignition is first turned to the ON position to check the bulb. Page 16 Instrument Cluster Mid and Luxury instrument cluster If the brake system warning light BRAKE does not illuminate at this time, seek service immediately from your authorized dealer. Illumination after releasing the parking brake indicates low brake fluid level and the brake system should be inspected immediately by your authorized dealer. Overdrive off if equipped : Illuminates when the overdrive function of the transmission has been turned off, refer to the Driving chapter. If the light flashes steadily or does not illuminate, have the transmission serviced soon, or damage may occur. Low fuel: Displays when the fuel level in the fuel tank is at or near empty refer to Fuel gauge in this chapter. Engine coolant temperature gauge: Indicates engine coolant temperature. If it enters the red section, the engine is overheating. Page 20 Instrument Cluster Odometer: Registers the total miles kilometers of the vehicle. Trip odometer: Registers the miles kilometers of individual journeys. Page 21 Instrument Cluster Engine oil pressure gauge: Indicates engine oil pressure. If the needle falls below the normal range, stop the vehicle, turn off the engine and check the engine oil level. Also use in menu mode to select various settings. Audio: Press to access select various settings. Treble: Press to adjust the treble setting. In menu mode, use to select various settings. Use SEEK to adjust the bass levels. SEEK to adjust the audio between the left and right speakers. Use SEEK to adjust the audio between the front and rear speakers. Page 27 Entertainment Systems 5. If a specific category is selected, Jazz, Rock, News, etc. Fast forward: Press to manually advance in a CD track. Rewind: Press to manually reverse in a CD track. Page 31 Entertainment Systems 2. Page 33 Entertainment Systems 7. Text: This control currently not supported. Page 34 Entertainment Systems In CD mode, press to select the desired disc. SEEK to adjust the treble levels. Find: RDS must be activated to access the Find function. Page 39 Entertainment Systems 5. Page 40 Entertainment Systems You may store up to six stations in each frequency band for a total of Page 42 Due to technical incompatibility, certain recordable and re-recordable compact discs may not function correctly when used in Ford CD players. Page 43 Entertainment Systems label may peel and cause the CD to become jammed. It is recommended that homemade CDs be identified with permanent felt tip marker rather than adhesive labels. Ballpoint pens may damage CDs. Please contact your authorized dealer for further information. Page 44 Note: SIRIUS reserves the unrestricted right to change, rearrange, add or delete programming including canceling, moving or adding particular channels, and its prices, at any time, with or without notice to you. Ford Motor Company shall not be responsible for any such programming changes. The system is working properly. Fan speed adjustment: Controls the volume of air circulated in the vehicle. Temperature selection: Controls the temperature of the airflow in the vehicle. Air flow selections: Controls the direction of the airflow in the vehicle. Set the fan speed to the highest setting. Direct the outer instrument panel vents towards the side windows. To increase airflow to the outer instrument panel vents, close the vents located in the middle of the instrument panel. Do not place objects on top of the instrument panel as these objects may

become projectiles in a collision or sudden stop. Page 48 Climate Controls Rear defroster if equipped : Press to defrost the rear window. Refer to Rear window defroster if equipped later in this chapter for more information. This function will clear snow, fog and thin ice from the side rear view mirrors. Page 50 Climate Controls Temperature conversion: To switch between Fahrenheit and Celsius: If your vehicle is equipped with a full message center, refer to Setup menu in the Message center section of the Driver Controls chapter for more information. If your vehicle is equipped with a mini message center, see your authorized dealer for temperature conversion. Recirculated air may reduce the amount of time to cool down the interior of the vehicle and may also help reduce undesired odors from reaching the interior of the vehicle. Recirculation can be engaged manually in any other airflow selection except defrost. If your vehicle is equipped with a mini message center, refer to Mini message center electronic compass temperature display in the Driver Controls Chapter. Defrost: Distributes outside air through the windshield defroster vents and demister vents. Can be used to clear the windshield of fog and thin ice. Page 54 Climate Controls Use with recirculated air to improve cooling performance and efficiency. OFF: Outside air is shut out and the fan will not operate. Page Rear Window Defroster Climate Controls Do not place objects on top of the instrument panel as these objects may become projectiles in a collision or sudden stop. Rotate clockwise to the second position to also turn on the headlamps. Autolamp control if equipped The autolamp system provides light sensitive automatic on-off control of the exterior lights normally controlled by the headlamp control. Page 57 Lights At this point, the headlamps and park lamps will turn off. Foglamp control if equipped The headlamp control also operates the foglamps. The foglamps can be turned on only when the headlamp control is in the position and the high beams are not turned on. Page 58 Lights Always remember to turn on your headlamps at dusk or during inclement weather. The Daytime Running Lamp DRL system does not activate the tail lamps and generally may not provide adequate lighting during these conditions. Failure to activate your headlamps under these conditions may result in a collision. Page Turn Signal Control Lights 3. Turn on the low beam headlamps to illuminate the wall or screen and open the hood. Cover one of the headlamps so no light hits the wall. On the wall or screen you will observe a light pattern with a distinct horizontal edge towards the right. Rear map lamp if equipped The rear map lamp lights are located on the end of the overhead rail system. The lamps can be turned on or off by pushing on the lens. Remove the bulb by turning it counterclockwise, then pull it straight out. Grasp the bulb only by its plastic base and do not touch the glass. The oil from your hand could cause the bulb to break the next time the headlamps are operated. Page 64 Lights 4. Slide the headlamp assembly forward disconnecting the snap attachment at the fender. Remove bulb socket from the lamp assembly by turning it counterclockwise and then pull the bulb straight out. Install the new bulb s in reverse order. Remove the two screws and move the lamp assembly away from the vehicle to expose the bulb sockets. Remove the bulb socket by rotating counterclockwise and pulling it out of the lamp assembly. Page 67 Driver Controls While holding the steering column, pull the lever up to its original position to lock the steering column. Never adjust the steering column when the vehicle is moving. The overhead console can come on rails, which can be removed by the customer, or it can come as a non-rail component of the headliner, which cannot be removed. Bins adjacent to the End Cap must be pinned to the End Cap. Bins without pin attachments should not be placed on the overhead rail. Page 70 Driver Controls While pushing upwards with palms, grip the side latches with fingers and squeeze. With pressure applied with palms and side latches squeezed down, pull downward on the entire storage bin and remove. Do not insert any other object in the power outlet as this will damage the outlet and blow the fuse. Do not use the power point for operating the cigarette lighter element if equipped. Press and hold the bottom part of the rocker switch to open the window. Rotate the control clockwise to adjust the right mirror and rotate the control counterclockwise to adjust the left mirror. Move the control in the direction you wish to tilt the mirror. Page 75 Driver Controls Heated outside mirrors if equipped Heated mirrors remove ice, mist and fog. To activate the heated mirrors, press the rear defrost button located on the climate control panel. Page Speed Control Driver Controls Never adjust the accelerator and brake pedal with feet on the pedals while the vehicle is moving. This will automatically return the vehicle to the previously set speed. Page 80 Driver Controls To open the moon roof: The moon roof is equipped with a one-touch open feature. Press and release control. Press and release the control again to fully open. To stop the one-touch open feature press either the ROOF control again. Page 81 Driver Controls When programming your HomeLink Wireless Control System to a garage door or gate, be sure that people and objects are out of the way to prevent potential harm or damage. Do not use the HomeLink Wireless Control System with any garage door opener that lacks safety stop and reverse features as required by U. Page 82 Driver Controls 3. Simultaneously press and hold both the HomeLink

and hand-held transmitter button. Do not release the buttons until Step 4 has been completed. Release both buttons. Do not hold for longer that 30 seconds. Page 85 Driver Controls Usually, when something affects the compass readings, the compass will correct itself after a few days of operating your vehicle in normal conditions. If the compass still appears to be inaccurate, a manual calibration may be necessary. Refer to Compass calibration adjustment. Page Message Center Driver Controls 1. Start the vehicle. To enter the compass calibration mode, press and hold the button for greater than eight seconds. The display will then show CAL in the display window. Compass display The compass reading may be affected when you drive near large buildings, bridges, power lines and powerful broadcast antenna. Determine your magnetic zone by referring to the zone map. Turn ignition to the ON position. Start the engine. The top of the message center must be blank. Page 89 Driver Controls The compass is now calibrated. Distance to empty DTE Selecting this function from the INFO menu estimates approximately how far you can drive with the fuel remaining in your tank under normal driving conditions. Remember to turn the ignition OFF when refueling to allow this feature to correctly detect the added fuel. Page 90 Driver Controls 2. Record the highway fuel economy for future reference. It is important to press the RESET control after setting the speed control to get accurate highway fuel economy readings. Page 91 Driver Controls The sequence of the system check report and how it appears in the message center is as follows: 1. Page 92 Driver Controls Language 1. Indicates the brake fluid level is low and the brake system should be inspected immediately. Refer to Brake fluid reservoir in the Maintenance and Specifications chapter. Displayed when the engine oil pressure is low. If this warning message is displayed, check the level of the engine oil. Page Tailgate Driver Controls Position the floor mat so that the eyelet is over the pointed end of the retention post. Make sure that the mat does not interfere with the operation of the accelerator or the brake pedal. To remove the floor mat, reverse the installation procedure. Page 96 Driver Controls To install, follow the removal procedures in reverse order. To extend the bed extender: 1. Lower tailgate. Page 97 Driver Controls To remove the bed extender: 1. Extend the bed extender. Pull the round knobs on each side of the extender to unlock it. Make sure the locking clip screws are loose before removing the extender. Press the locking clips below the middle bar on each side and lift the extender out of the bed. In case of loss, replacement keys are available from your dealer. You should always carry a second key with you in a safe place in case you require it in an emergency. Refer to the SecuriLock passive anti-theft system section in this chapter for more information. The childproof locks are located on rear edge of each rear door and must be set separately for each door. If there are problems with the remote entry system, make sure to take ALL remote entry transmitters with you to your authorized dealer in order to aid in troubleshooting the problem. Page Locks and Security 2. Do not wipe off any grease on the battery terminals on the back surface of the circuit board. Remove the old battery. Note: Please refer to local regulations when disposing of transmitter batteries. Insert the new battery. Refer to the diagram inside the remote entry transmitter for the correct orientation of the battery. The battery saver will shut off the interior lamps 30 minutes after the last door is closed, even if the dimmer control is on. Perimeter lighting feature if equipped The perimeter lighting feature illuminates the exterior of the vehicle in order to provide better visibility to the user while he or she approaches and enters the vehicle. If the procedure needs to be repeated, you must wait a minimum of 30 seconds to begin again. The keypad can be operated with the factory set 5â€"digit entry code; After the code is entered, the locks will cycle, confirming that the new code has been set. Page Note: The SecuriLock passive anti-theft system is not compatible with non-Ford aftermarket remote start systems. Use of these systems may result in vehicle starting problems and a loss of security protection. Note: Large metallic objects, electronic devices that are used to purchase gasoline or similar items, or a second coded key on the same key chain may cause vehicle starting issues. The key codes need to be erased from your vehicle and new coded keys will need to be programmed. Page Locks and Security 5. Do not pile cargo higher than the seatbacks to reduce the risk of injury in a collision or sudden stop. Page Seating and Safety Restraints Push control to lower head restraint. Make sure that the seat is relatched into place. Page Seating and Safety Restraints Using the armrest if equipped Push the release control to move the armrest up or down. Using the manual lumbar support For more lumbar support, turn the lumbar support control toward the front of vehicle. For less lumbar support, turn the lumbar support control toward the rear of vehicle. Page Seating and Safety Restraints Sitting improperly out of position or with the seat back reclined too far can take off weight from the seat cushion and affect the decision of the passenger sensing system, resulting in serious injury or death in a crash. Always sit upright against your seatback, with your feet on the floor. Page Seating and Safety Restraints The head restraints can be moved up and down. Lift the head restraint so that it is located directly or as close as possible behind your head. Push control to lower head restraint. Page Safety

Restraints Seating and Safety Restraints Returning the seat to seating position Before returning the seatback to its original position, make sure that cargo or any objects are not trapped underneath the seatback. After returning the seatback to its original position, pull on the seatback to ensure that it has fully latched. Page Seating and Safety Restraints Front passenger sensing system For airbags to do their job they must inflate with great force, and this force can pose a potentially deadly risk to occupants that are very close to the airbag when it begins to inflate. For some occupants, like infants in rear-facing child seats, this occurs because they are initially sitting very close to the airbag. This maximizes the effectiveness of the safety belt and removes any slack from the safety belt to improve protection. Page Seating and Safety Restraints Safety restraints precautions Always drive and ride with your seatback upright and the lap belt snug and low across the hips. To reduce the risk of injury, make sure children sit in the back seat where they can be properly restrained. Never let a passenger hold a child on his or her lap while the vehicle is moving. Page Seating and Safety Restraints Safety belts and seats can become hot in a vehicle that has been closed up in sunny weather; they could burn a small child. Check seat covers and buckles before you place a child anywhere near them. Combination lap and shoulder belts 1. Page Seating and Safety Restraints If you carry large cargo behind the seat or items that might damage or soil the belt, detach the belt from the seat: 1. Release the mini-buckle by inserting a key or safety belt tongue into the slot. Page Seating and Safety Restraints 2. The belt is now ready for use. This mini-buckle should stay buckled at all times unless cargo-carrying makes it necessary to detach the belt. Page Seating and Safety Restraints 3. Insert the belt tongue into the proper buckle for your seating position until you hear a snap and feel it latch. Make sure the tongue is securely fastened to the buckle by pulling on the tongue. Page Seating and Safety Restraints Insert the tongue into the correct buckle the buckle closest to the direction the tongue is coming from. To lengthen the belt, turn the tongue at a right angle to the belt and pull across your lap until it reaches the buckle. Page Seating and Safety Restraints The front and rear safety restraints in the vehicle are combination lap and shoulder belts. The front passenger outboard and rear outboard seat safety belts have two types of locking modes described below: Vehicle sensitive mode The vehicle sensitive mode is the normal retractor mode, allowing free shoulder belt length adjustment to your movements and locking in response to vehicle movement. Page Seating and Safety Restraints How to use the automatic locking mode 1. Buckle the combination lap and shoulder belt. Grasp the shoulder portion and pull downward until the entire belt is extracted. After any vehicle collision, the safety belt systems at all outboard seating positions except the driver position, which does not have this feature must be checked by an authorized dealer to verify that the automatic locking retractor feature for child seats is still Page Seating and Safety Restraints Safety belt usage sensors The driver and front outboard passenger safety belt buckles are equipped with sensors that detect if the safety belts are fastened. The sensors provide information to the Personal Safety System which can then adapt the airbag deployment or safety belt pretensioner activation based upon safety belt usage. Page if equipped , shoulder belt guide on seatback if equipped , child safety seat LATCH and tether anchors, and attaching hardware, should be inspected after a collision. Ford Motor Company recommends that all safety belt assemblies in use in vehicles involved in a collision be replaced. Page Seating and Safety Restraints If Page Seating and Safety Restraints Reasons given If you are uncomfortable - try different positions for the safety belt upper anchorage and seatback which should be as upright as possible; Sitting on the safety belt will increase the risk of injury in an accident. To disable one-time or deactivate the Belt Minder feature please follow the directions stated below. Within 10 seconds of the light turning on, buckle then unbuckle the safety belt. The airbag supplemental restraints are an integral part of the Personal Safety System. They are designed to be deployed in cases where the Personal Safety System has determined the occupant conditions and crash severity are appropriate to activate these devices. Do not put anything on or over the airbag cover 1. Page Seating and Safety Restraints Children and airbags For additional important safety information, read all information on safety restraints in this guide. Children must always be properly restrained. Accident statistics suggest that children are safer when properly restrained in the rear seat than in the front seat. Page Seating and Safety Restraints How does the airbag supplemental restraint system work? The airbag SRS is designed to activate when the vehicle sustains sufficient longitudinal deceleration. The fact that the airbags did not inflate in a collision does not mean that something is wrong with the system. Page Seating and Safety Restraints If the airbag has deployed, the airbag will not function again and must be replaced immediately. If the airbag is not replaced, the unrepaired area will increase the risk of injury in a collision. Determining if the system is operational The SRS uses readiness lights in the instrument cluster or a tone to indicate the condition of the system. Also see Airbag supplemental restraint system SRS in this chapter for special instructions about using airbags.

Important child restraint precautions You are required by law to use safety restraints for children in the U. Page To improve the fit of both the lap and shoulder belt on children who have outgrown child safety seats, Ford Motor Company recommends use of a belt-positioning booster. Booster seats position a child so that safety belts fit better. They lift the child up so that the lap belt rests low across the hips and the knees bend comfortably. Page Seating and Safety Restraints Children and booster seats vary widely in size and shape. Choose a booster that keeps the lap belt low and snug across the hips, never up across the stomach, and lets you adjust the shoulder belt to cross the chest and rest snugly near the center of the shoulder. Page Seating and Safety Restraints Never use pillows, books, or towels to boost a child. They can slide around and increase the likelihood of injury or death in a collision. Page 36 kg 80 pounds using an upper torso harness and a belt-positioning booster. Ford recommends the use of a child safety seat having a top tether strap. Page Seating and Safety Restraints 1. Position the child safety seat in a seat with a combination lap and shoulder belt. Pull down on the shoulder belt and then grasp the shoulder belt and lap belt together. While holding the shoulder and lap belt portions together, route the tongue through the child seat according to the child seat Page Seating and Safety Restraints 4. Insert the belt tongue into the proper buckle the buckle closest to the direction the tongue is coming from for that seating position until you hear a snap and feel the latch engage. Make sure the tongue is latched securely by pulling on it. Page Seating and Safety Restraints 8. Allow the safety belt to retract to remove any slack in the belt. Before placing the child in the seat, forcibly move the seat forward and back to make sure the seat is securely held in place. To check this, grab the seat at the belt path and attempt to move it side to side and forward. Page Seating and Safety Restraints 5. Insert the belt tongue into the proper buckle for that seating positions until you hear a snap and feel it latch. Make sure the tongue is securely latched to the buckle by pulling on the tongue. Page Seating and Safety Restraints 9. The shoulder belt must be snug to keep the lap belt tight during a collision. Installing child safety seats in the front row lap belt seating positions SuperCab and SuperCrew Installing a child safety seat in the front row lap seating position should be avoided if at all possible. Page Seating and Safety Restraints The passenger seats of your vehicle are equipped with built-in tether strap anchors located behind the seats as described below. The tether anchors in your vehicle may be loops of webbing above the seatback or an anchor bracket behind the seat on the rear edge of the seat cushion. Make sure the seatback is locked in the upright position before installing the child seat. Clip the tether strap to the anchor as shown. Page Seating and Safety Restraints If the safety seat is not anchored properly, the risk of a child being injured in a collision greatly increases. Rear seat tether strap attachment There are three loops of webbing just above the back of the rear seat along the bottom edge of the rear window in the SuperCab and SuperCrew. Route the tether strap behind the head restraint supports to a loop behind an adjacent seating position, and hook the strap hook onto the loop. Page Seating and Safety Restraints If you install a child seat with rigid LATCH attachments, do not tighten the tether strap enough to lift the child seat off the vehicle seat cushion when the child is seated in it. Keep the tether strap just snug without lifting the front of the child seat. Utility vehicles and trucks are not designed for cornering at speeds as high as passenger cars any more than low-slung sports cars are designed Page Tires, Wheels and Loading Power is supplied to all four wheels through a transfer case or power transfer unit. Information on transfer case operation and shifting procedures can be found in the Driving chapter. Page 10 to 12 inches or limited production tires as defined in Title 49 Code of Federal Regulations Part Department of Transportation-Tire quality grades: The U. Department of Transportation requires Ford Motor Company to give you the following information about tire grades exactly as the government has written it. Page Tires, Wheels and Loading Treadwear The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. Page Always inflate your tires to the Ford recommended inflation pressure even if it is less than the maximum inflation pressure information found on the tire. The cold inflation pressure should never be set lower than the recommended pressure on the Safety Compliance Certification Label or Tire Label. Page Tires, Wheels and Loading 6. Visually inspect the tires to make sure there are no nails or other objects embedded that could poke a hole in the tire and cause an air leak. Check the sidewalls to make sure there are no gouges, cuts or bulges. Page Only use replacement tires and wheels that are the same size and type such as P-metric versus LT-metric or all-season versus all-terrain as those originally provided by Ford. Use of any tire or wheel not recommended by Ford can affect the safety and performance of your vehicle, which could result in an increased risk of loss of vehicle control, vehicle rollover, personal injury and death. Page Tires, Wheels and Loading It is recommended that the two front tires or two rear tires generally be replaced as a pair. Safety practices Driving habits have a great deal to do with your tire mileage and safety. Page Tires, Wheels and Loading

Front wheel drive FWD vehicles and those with an independent rear suspension if equipped may require alignment of all four wheels. The tires should also be balanced periodically. An unbalanced tire and wheel assembly may result in irregular tire wear. Tire rotation Rotating your tires at the recommended interval as indicated in the scheduled maintenance information that comes with your vehicle will Page Tires, Wheels and Loading Note: After having your tires rotated, inflation pressure must be checked and adjusted to the vehicle requirements. This information identifies and describes the fundamental characteristics of the tire and also provides a U. Page Tires, Wheels and Loading Note: You may not find this information on all tires because it is not required by federal law. The speed rating denotes the speed at which a tire is designed to be driven for extended periods of time under a standard condition of load and inflation pressure. Page Tires, Wheels and Loading 9. Tire Ply Composition and Material Used: Indicates the number of plies or the number of layers of rubber-coated fabric in the tire tread and sidewall. Note: The temporary tire size for your vehicle may be different from this example. The tires on your vehicle have all weather treads to provide traction in rain and snow. However, in some climates, you may need to use snow tires and chains. Page Tires, Wheels and Loading Payload â€" is the combined weight of cargo and passengers that the vehicle is carrying. When towing, trailer tongue load or king pin weight is also part of cargo weight. The total load on each axle must never exceed its GAWR. Page Tires, Wheels and Loading Maximum Loaded Trailer Weight â€" is the highest possible weight of a fully loaded trailer the vehicle can tow. Page Tires, Wheels and Loading 5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4. If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Loaded vehicles may handle differently than unloaded vehicles. Park the unloaded vehicle on a level surface. With the ignition on and all doors closed, allow the vehicle to stand for several minutes so that it can level. Page Tires, Wheels and Loading Using a step bumper if equipped The rear bumper is equipped with an integral hitch and only requires a ball with a one inch The bumper has a 5, lb. If it is necessary to relocate the trailer hitch ball position, a frame-mounted trailer hitch must be installed. Note: The ignition key cannot be removed from the ignition unless the gearshift lever is securely latched in P Park. Page Driving Do not start your vehicle in a closed garage or in other enclosed areas. Exhaust fumes can be toxic. Always open the garage door before you start the engine. See Guarding against exhaust fumes in this chapter for more instructions. If you smell exhaust fumes inside your vehicle, have your dealer inspect your vehicle immediately. Page Driving Starting the engine 1. If there is difficulty in turning the key, rotate the steering wheel until the key turns freely. Page Brakes Driving If the engine fails to start using the preceding instructions flexible fuel vehicles only 1. When the engine starts, release the key, then gradually release the accelerator pedal as the engine speeds up. This system helps you maintain steering control during emergency stops by keeping the brakes from locking. The BRAKE warning lamp will illuminate and will remain illuminated until the parking brake is released. This system helps you maintain the stability and steerability of your vehicle, especially on slippery road surfaces such as snow- or ice-covered roads and gravel roads. The system will allow your vehicle to make better use of available traction in these conditions. In a rollover crash, an unbelted person is significantly more likely to die than a person wearing a seat belt. Your vehicle has larger tires and increased ground clearance, giving the vehicle a higher center of gravity than a passenger car. Page Driving 2. Locate the round access plug on the underside of the steering column cover. Remove the access plug using a flat head screwdriver, then push the override button using a flat head screwdriver, apply the brake pedal and shift the transmission into N Neutral. Open the center console bin. Using a screwdriver, carefully pry off the console finish panel surrounding the shifter mechanism by inserting a screwdriver into the latch slot as shown. Remove console finish panel assembly to expose the inside of the gearshift. Page Driving If the parking brake is fully released, but the brake warning lamp remains illuminated, the brakes may not be working properly. See your authorized dealer. Turn the ignition to the LOCK position and remove the key whenever you leave your vehicle. Drive not shown Drive is activated when the transmission control switch is pressed. Page Driving During each shift, the clutch pedal must be fully depressed to the floor. Failure to fully depress the clutch pedal to the floor may cause increased shift efforts, prematurely wear transmission components or damage the transmission. Reverse 1. Page Driving To help avoid personal injury, always use caution when in reverse and when using the RSS. This system is not designed to prevent contact with small or moving objects. The system is designed to provide a warning to assist the driver in detecting large stationary objects to avoid damaging the vehicle. Illuminates when 4L is selected. Provides optimal smoothness and fuel economy at high speeds. Page Driving 3. Place the transmission in N Neutral. Move the transfer case lever through N Neutral directly to the desired position. Intended

only for off-road applications such as deep sand, steep grades or pulling heavy objects. This is appropriate for all on-road driving conditions, such as dry road surfaces, wet pavement, snow, gravel and shallow sand. Page Driving steering and braking control of your vehicle, you must have all four wheels on the ground and they must be rolling, not sliding or spinning. Doing so will produce excessive noise, increase tire wear and may damage drive components. Page Driving Do not rock the vehicle if the engine is not at normal operating temperature or damage to the transmission may occur. Do not rock the vehicle for more than a few minutes or damage to the transmission and tires may occur or the engine may overheat. Page Driving the driveline. Therefore, the vehicle is free to roll even if the automatic transmission is in P Park or the manual transmission is in gear. Do not leave the vehicle unattended with the transfer case in the N Neutral position. Page Ford Motor Company joins the U. Page Driving Driving on hilly or sloping terrain Although natural obstacles may make it necessary to travel diagonally up or down a hill or steep incline, you should always try to drive straight up or straight down. Avoid driving crosswise or turning on steep slopes or hills. Page Ford Motor Company recommends that caution be used with any vehicle equipped with a high load or device such as ladder racks or pickup box cover. Page Snow Plow Prep Package is not available. Installing the snowplow Weight limits and guidelines for selecting and installing the snowplow can be found in the Ford Truck Body Builders Layout Book, Snowplow section, found at Page Operating the vehicle with the snowplow attached Ford recommends that the Fâ€" be limited to low speed, personal-use snow removal. Do not use your vehicle for snow removal until it has been driven at least miles km. Page Do not attempt to service, repair, or modify the air bag supplemental restraint system SRS or its fuses. See your Ford or Lincoln Mercury dealer. Page Driving Engine temperature while plowing When driving with a plow, your engine may run at a higher temperature than normal because the attached snowplow blade will restrict airflow to the radiator. If you are driving more than 15 miles 24 km at temperatures above freezing, angle the plow blade either full left or full right to provide maximum airflow to the radiator. Page Roadside Emergencies 50, miles 80, km on Lincoln vehicles. Page 1â€"â€"â€"; Lincoln vehicle customers call 1â€"â€"â€" Canadian customers who require roadside assistance, call 1â€"â€"â€" If you need to arrange roadside assistance for yourself, Ford Motor Company will reimburse a reasonable amount. To obtain reimbursement information, U. Ford or Mercury vehicles customers call 1â€"â€"â€"; The hazard flashers will operate when the ignition is in any position or if the key is not in the ignition. Push in the flasher control and all front and rear direction signals will flash. The access cover needs to be removed to reset the fuel pump shut-off switch. To reset the switch: 1. Page Roadside Emergencies The fuses are coded as follows. Page Ford. If the dissimilar spare tire or wheel is damaged, it should be replaced rather than repaired. Page Roadside Emergencies 2. Fully insert the jack handle through the bumper hole and into the guide tube through the access hole in the rear bumper. Turn the handle counterclockwise until tire is lowered to the ground, the tire can be slid rearward and the cable is slightly slack. Page Roadside Emergencies 3. Block the diagonally opposite wheel. Obtain the spare tire and jack from their storage locations. Use the tip of the lug wrench to remove any wheel trim. Loosen each wheel lug nut one-half turn counterclockwise but do not remove them until the wheel is raised off the ground. Do not start the engine when your vehicle is on the jack. The jack is only meant for changing the tire. Stow the flat tire. Stow the jack and lug wrench. Make sure the jack is fastened so it does not rattle when you drive. Unblock the wheels. Page Lug Nut Torque M14 x 2. Use only Ford recommended replacement fasteners. When a wheel is installed, always remove any corrosion, dirt or foreign materials present on the mounting surfaces of the wheel or the surface of the wheel hub, brake drum or brake disc that contacts the wheel. Page Roadside Emergencies Preparing your vehicle When the battery is disconnected or a new battery is installed, the transmission must relearn its shift strategy. This operation is considered normal and will not affect function or durability of the transmission. Connect the negative - cable to the negative - terminal of the assisting battery. Do not use fuel lines, engine rocker covers or the intake manifold as grounding points. Do not connect the end of the second cable to the negative - terminal of the battery to be jumped. Page Roadside Emergencies Removing the jumper cables Remove the jumper cables in the reverse order that they were connected. Remove the jumper cable from the ground metal surface. Note: In the illustrations, lightning bolts are used to designate the assisting boosting battery. After the disabled vehicle has been started and the jumper cables removed, allow it to idle for several minutes so the engine computer can relearn its idle conditions. Page Wrecker Towing Ford recommends your vehicle be towed with a wheel lift or flatbed. Do not tow with a slingbelt. Ford Motor Company has not approved a slingbelt towing procedure. Away from home If you own a Ford or Mercury vehicle and are away from home when your vehicle needs service, or if you need more help than the authorized dealer could provide, after following the steps described above, contact the Ford Customer

Relationship Center to find an authorized dealer to help you. Page If you own a Lincoln vehicle and are away from home when your vehicle needs service, or if you need more help than the authorized dealer could provide, after following the steps described above, contact the Ford Customer Relationship Center to find an authorized dealer to help you. Page Customer Assistance In some states in the U. Ford is also allowed a final repair attempt in some states. Page You are not bound by the decision but may choose to accept it. If the arbitrator has decided in Page United States and Canada, provided by a network of more than 4, participating authorized dealers. If you did not take advantage of the Ford Extended Service Plan at the time of purchasing your vehicle, you may still be eligible. Since this Page The use of leaded fuel in your vehicle without proper conversion may damage the effectiveness of your emission control system and may cause engine knocking or serious engine damage. Page Reporting Safety Defects U. The high-pressure fluid could penetrate the sealed parts and cause damage. These products are available from your authorized dealer. Page Cleaning Leather seats for the King Ranch SuperCrew only if equipped Your vehicle is equipped with seating covered in premium, top-grain leather which is extremely durable, but still requires special care and maintenance in order to ensure longevity and comfort. Regular cleaning and conditioning will maintain the appearance of the leather. These quality products have been specifically engineered to fulfill your automotive needs; If your vehicle requires professional service, your authorized dealer can provide the necessary parts and service. Set the parking brake, depress the clutch and place the gearshift in N Neutral. Block the wheels. Battery 2. Clutch fluid reservoir manual transmission 3. Power steering fluid reservoir 4. Brake fluid reservoir 5. Engine coolant reservoir 6. Air filter assembly 7. Engine oil filler cap 8. Page Maintenance and Specifications 4. Transmission fluid dipstick automatic transmission 3. Engine oil filler cap 4. Power steering fluid reservoir 5. Engine oil dipstick 6. Brake fluid reservoir 7. Engine coolant reservoir 8. Air filter assembly 9. Air filter assembly 4. Engine oil filler cap 9. Windshield washer fluid reservoir F f12 Owners Guide postfmt USA fus Page In very cold weather, do not fill the reservoir completely. Do not use any special washer fluid such as windshield water repellent type fluid or bug wash. They may cause squeaking, chatter noise, streaking and smearing. Page Engine Oil Maintenance and Specifications Poor wiper quality can be improved by cleaning the wiper blades and the windshield, refer to Windows and wiper blades in the Cleaning chapter. To prolong the life of the wiper blades, it is highly recommended to scrape off the ice on the windshield before turning on the wipers. Locate and carefully remove the engine oil level indicator dipstick. Wipe the indicator clean. Insert the indicator fully, then remove it again. Page Change your engine oil and filter according to the appropriate schedule listed in scheduled maintenance information. Ford production and aftermarket Motorcraft oil filters are designed for added engine protection and long life. If a replacement oil filter is used that does not meet Ford material and design specifications, start-up engine noises or knock may be experienced. For longer, trouble-free operation, keep the top of the battery clean and dry. Page Maintenance and Specifications Battery posts, terminals and related accessories contain lead and lead compounds. Wash hands after handling. When the battery is disconnected or a new battery is installed, the engine must relearn its idle and fuel trim strategy for optimum driveability and performance. Coolant concentration testing is possible with a hydrometer or antifreeze tester such as the Rotunda Battery and Antifreeze Tester, â€"R Mixing Motorcraft Specialty Orange Engine Coolant or any orange-colored extended life product with your factory filled coolant can result in degraded corrosion protection. Page Recycled engine coolant Ford Motor Company does NOT recommend the use of recycled engine coolant in vehicles originally equipped with Motorcraft Premium Gold Engine Coolant since a Ford-approved recycling process is not yet available. Page Maintenance and Specifications When this occurs the vehicle will still operate. The pressure in an overfilled tank may cause leakage and lead to fuel spray and fire. The fuel system may be under pressure. If the fuel filler cap is venting vapor or if you hear a hissing sound, wait until it stops before completely removing the fuel filler cap. If fuel is splashed in the eyes, remove contact lenses if worn , flush with water for 15 minutes and seek medical attention. Failure to seek proper medical attention could lead to permanent injury. Page Maintenance and Specifications Flexible fuel components and standard unleaded gasoline fuel components are not interchangeable. If your vehicle is not serviced in accordance with flexible fuel vehicles procedures, damage may occur and your warranty may be invalidated. When refueling always shut the engine off and never allow sparks or open flames near the filler neck. Page The customer warranty may be void for any damage to the fuel tank or fuel system if the correct genuine Ford or Motorcraft fuel filler cap is not used. Page Repairs to correct the effects of using a fuel for which your vehicle was not designed may not be covered by your warranty. Page Maintenance and Specifications The advertised capacity is the amount of the indicated capacity and the empty reserve combined. Indicated capacity is the difference in the amount of

fuel in a full tank and a tank when the fuel gauge indicates empty. Page Maintenance and Specifications Keep a record for at least one month and record the type of driving city or highway. Additionally, keeping records during summer and winter will show how temperature impacts fuel economy. Follow the recommended maintenance schedule and owner maintenance checks found in scheduled maintenance information. Page If other than Ford, Motorcraft or Ford-authorized parts are used for maintenance replacements or for service of components affecting emission control, such non-Ford parts should be equivalent to genuine Ford Motor Company parts in performance and durability. Page Maintenance and Specifications Please consult your Warranty Guide for complete emission warranty information. This OBD-II system protects the environment by ensuring that your vehicle continues to meet government emission standards. Allow the vehicle to sit for at least eight hours without starting the engine. Then, start the engine and complete the above driving cycle. The engine must warm up to its normal operating temperature. Page If the fluid level drops, refill the fluid level to the step in the reservoir. Use only a DOT 3 brake fluid designed to meet Ford specifications. Refer to Lubricant specifications in this chapter. Brake fluid is toxic. If brake fluid contacts the eyes, flush eyes with running water for 15 minutes. Your transmission does not consume fluid. However, the fluid level should be checked if the transmission is not working properly, i. However, if fluid is added at this time, an overfill condition could result when the vehicle reaches normal operating temperature. Page Maintenance and Specifications If an overfill occurs, excess fluid should be removed by an authorized dealer. Do not use supplemental transmission fluid additives, treatments or cleaning agents. Page 5. Install and tighten the fill plug securely. Use only fluid that meets Ford specifications. Refer to the Lubricant specifications section in this chapter. Clean the filler plug. Loosen the clamp that secures the air filter element in place. Carefully separate the two halves of the air filter housing. Remove the air filter element from the open end of the air filter housing. Release two retainer clamps. Pull air filter tray assembly out toward front of vehicle and lift air filter element up and out of housing. The air filter box needs to be free of any debris before installing a new air filter. Replace the PCV valve with one that meets Ford material and design specifications for your vehicle, such as a Motorcraft or equivalent replacement part. The customer warranty may be void for any damage to the emissions system if such a PCV valve is not used. Service refill capacity is determined by filling the axle to the bottom of the filler hole with the vehicle on a level surface. Page Engine Data Maintenance and Specifications

b00a0 09 ford mustang
briggs and stratton intek parts diagram
mercedes e350 fuse box diagram

Ensure the correct automatic transmission fluid is used. Transmission fluid requirements are indicated on the dipstick or on the dipstick handle. Check the container to verify the fluid being added is of the correct type. Refer to your scheduled maintenance information to determine the correct service interval. World manufacturer identifier 2. Vehicle line, series, body type 4. Engine type 5. Check digit 6. These quality accessories have been specifically engineered to fulfill your automotive needs; they are custom designed to complement the style and aerodynamic appearance of your vehicle. Page Index Index acid, treating emergencies.. Page Emergency Flashers Page Index checking and adding Page Index Infant seats Lane change indicator see Turn signal Page Index Safety belts see Safety restraints.. Page Index four-wheel drive Traction control Print page 1 Print document pages. Cancel Delete. Sign In OR. Don't have an account? Sign up! Restore password. Upload from disk. Upload from URL.