THINK City

USER MANUAL

THINK city

Index

Introduction

This manual is the property of THINK NORTH AMERICA, INC. (THINK NA). Reproduction by any means, electronically or mechanically, in whole or part, is not permitted without written authorization from THINK NA. The *User Manual* describes standard as well as additional equipment. In some countries you may find additional requirements affecting installed equipment. Some chapters in the *User Manual* may describe equipment not necessarily installed in your vehicle.

Specifications, descriptions, references to official codes/ regulations, technical data and illustrations in this manual are correct information at the time of printing. Product design and product development are an ongoing process, and THINK NA may change the product or contents of this manual without notice and without incurring any liability or responsibility as a result.

Nothing in this manual will release the owner/user of a THINK City vehicle of his or her responsibility for sensible use of the vehicle, and to follow road traffic laws and regulations, including other laws and regulations related to THINK City's intended use.

THINK City is manufactured by:
THINK NORTH AMERICA, INC.
3221 Magnum Drive
Elkhart, Indiana 46516
www.thinkev.com

Symbols

⚠ WARNING

Indicates a situation in which serious bodily injury or death could result if the warning is ignored.

⚠ CAUTION

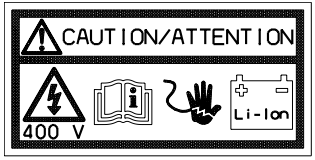
Indicates a situation in which bodily injury or damage to your vehicle, or both, could result if the caution is ignored.

NOTE: Provides useful supporting information and sometimes suggests how to make better use of your vehicle.

⚠ WARNING

Battery electric vehicles have certain characteristics that require unique care and attention.
The THINK CITY has high voltage systems that can cause electrical shock possibly resulting in serious injury or death. Your vehicle was built with safety as a fundamental concern, but reasonable care must be exercised including:

- **Do not tamper with orange high voltage wiring or any component attached to such wires, or in the event of an accident, do not touch orange high voltage wiring or any component attached to such wires.**
- **Pay attention to the warnings in this manual and to all labels in the vehicle.**
- **Do not work on the electrical system of the vehicle and allow only qualified personnel to do such work.**
- **Only use the charging cable supplied with the vehicle and do not use that cable if it is damaged in any way.**



⚠ WARNING

To ensure safety, the vehicle must only be charged from a grounded power supply. No other connection must be used.

Congratulations on acquiring a THINK City!

We at THINK NA are pleased with your choice of the THINK City EV, a zero-emission vehicle (ZEV) that will benefit the environment and your driving pleasure. In our opinion, THINK City is the best choice of vehicle with regard to reduction in emissions, and we have invested a considerable amount of effort and resources to make THINK City a practical, safe and economical vehicle.

This *User Manual*

In this manual you will find relevant information and answers to typical questions. As you will notice, we provide important illustrations and use a simple structure for easy reference.
If you are unable to find information on specific topics, or if you feel a better explanation is needed on something, please contact your local THINK NA dealer.

Other Documentation

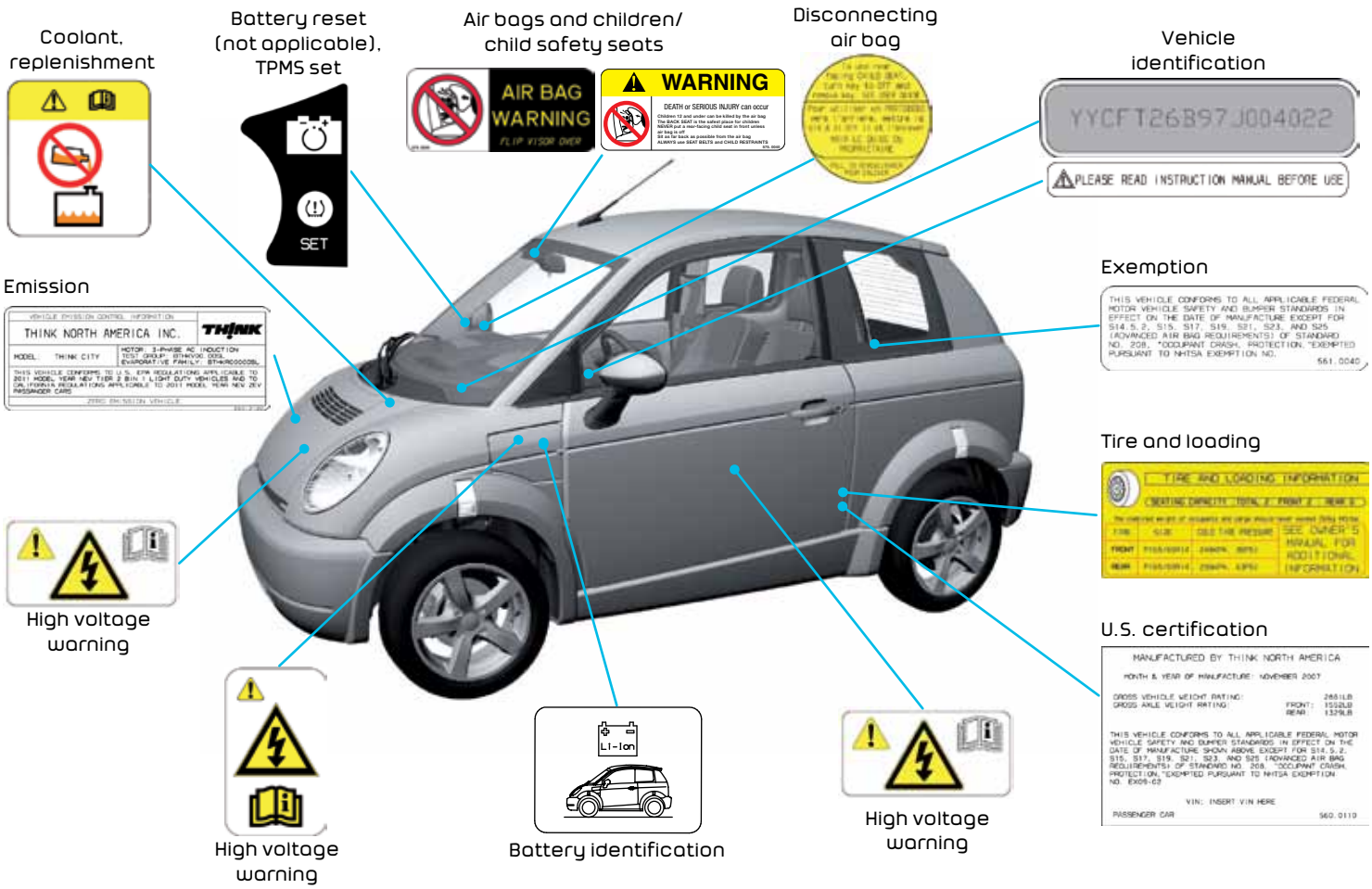
In addition to this *User Manual*, you will find the following in the documentation packet:

- *Battery Manual*
- *Service and Warranty Manual*
- *Portable Charger System Manual*
- *Radio Owner's Manual* (if equipped)
- *Original Equipment Passenger and Light Truck Tire Owner's Manual and Limited Warranty*

Please read the documents carefully to understand this vehicle's unique functionality and what you can expect from it.

Warranties and Repair

If you experience equipment failure, contact your dealer or other authorized THINK NA workshop. Be sure to become familiar with and follow the recommendations in the *Service and Warranty Manual* for THINK City.


Coolant, replenishment
Battery reset (not applicable), TPMS set
SET
Air bags and children/ child safety seats
AIR BAG WARNING
FLIP VISOR OVER
WARNING
DEATH or SERIOUS INJURY can occur
Disconnecting air bag
Vehicle identification
YYCFT26B97J004022
PLEASE READ INSTRUCTION MANUAL BEFORE USE
Emission
THINK NORTH AMERICA INC.
THINK
Exemption
THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY AND BUMPER STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE EXCEPT FOR S14.5.2, S15, S17, S19, S21, S23, AND S25 (ADVANCED AIR BAG REQUIREMENTS) OF STANDARD NO. 208, "OCCUPANT CRASH PROTECTION," EXEMPTED PURSUANT TO NHTSA EXEMPTION NO.
Tire and loading
TIRE AND LOADING INFORMATION
SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION
High voltage warning
U.S. certification
MANUFACTURED BY THINK NORTH AMERICA
MONTH & YEAR OF MANUFACTURE: NOVEMBER 2007
GROSS VEHICLE WEIGHT RATING: 2661LB
GROSS AXLE WEIGHT RATING: FRONT: 1552LB REAR: 1329LB
THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY AND BUMPER STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE EXCEPT FOR S14.5.2, S15, S17, S19, S21, S23, AND S25 (ADVANCED AIR BAG REQUIREMENTS) OF STANDARD NO. 208, "OCCUPANT CRASH PROTECTION," EXEMPTED PURSUANT TO NHTSA EXEMPTION NO. EX09-02
VIN: INSERT VIN HERE
PASSENGER CAR
High voltage warning
Li-Ion
Battery identification
High voltage warning

This chapter is a quick reference guide to all the main features in your THINK City.
It is important to notice important issues connected to driving an electric vehicle.
You will find more of the descriptions in this chapter and elsewhere in this *User Manual*. If anything is unclear, please contact your dealer.
Read the *User Manual* carefully to achieve maximum utilization of the vehicle.

1. Get to Know Your THINK City

Table of Contents

Important Information

THINK City is a safe vehicle

THINK City is a certified vehicle under the National Motor Vehicle Safety Act. THINK City has been developed in cooperation with leading automobile industries involved in vehicle safety, and has been tested by highly regarded test laboratories throughout the world.

Simple service and maintenance

Your THINK City is easy to maintain with fewer parts in need of service.
The outer body panels are made of dyed-throughout plastic, to avoid dents, paint damage or corrosion.
The battery is maintenance-free, with a long lifetime.

THINK City is a simple vehicle to use

- THINK City can be driven like all other vehicles.
- The ignition key turns the vehicle on and off.
- The electric motor is controlled by the accelerator pedal.
- The gear box functions as an ordinary automatic transmission.
- The energy level is shown on the instrument cluster.
- The vehicle battery can be charged with a standard, grounded outlet box (120V or 240V and 10 A or 15 A).

Federal and local authorities are encouraging people to switch to zero-emission vehicles (ZEV) by offering different incentives, such as:

- Cash incentives from federal and local governments
- No toll charges on roads
- Free parking and free charging
- Tax credit benefits
- Use of public transport lanes
- Use of carpool lanes

Contact your local authorities to find out which incentives they are offering for electric vehicles.

⚠ WARNING

THINK City is an electric traction vehicle with a molded plastic vehicle body. This makes THINK City different from other vehicles in many ways.
The most important are:

- **THINK City is virtually silent. Remember that other drivers and pedestrians might not be able to hear you coming. Use extreme caution in crossroads and pedestrian areas.**
- **Cleaning and maintenance of the plastic vehicle body is different from a standard painted vehicle. See Chapter 5, Service and Maintenance, in this manual.**
- **Charging the traction battery is a simple procedure. Read and learn about this and the charger cable in this chapter and also in the *Portable Charger System Manual*.**

California Proposition 65

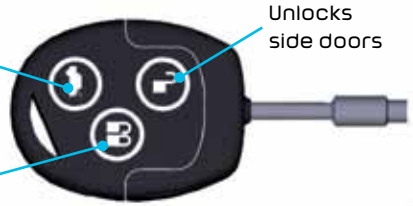
⚠ WARNING

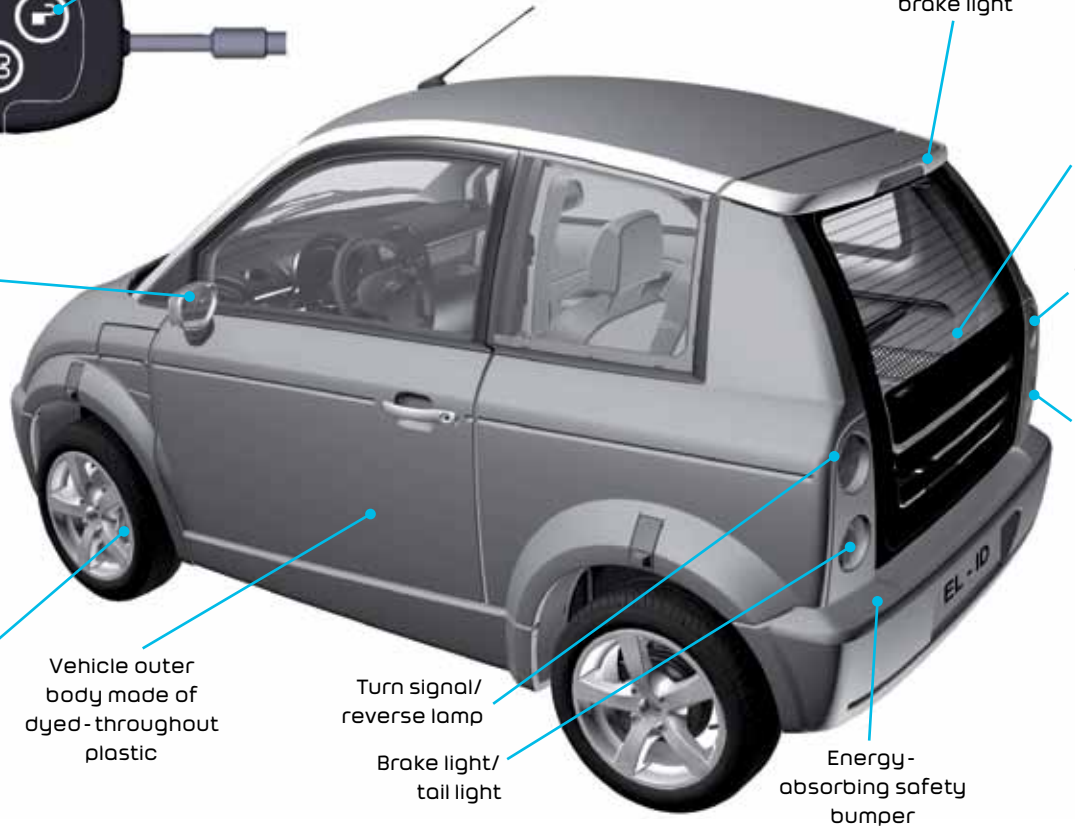
- **Certain vehicle components may contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear may contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.**
- **Certain components of this vehicle, such as air bag modules and seat belt pretensioners, may contain Perchlorate Material. Special handling may be required for service or vehicle end of life disposal. See www.dtsc.ca.gov/hazardouswaste/.**

Exterior

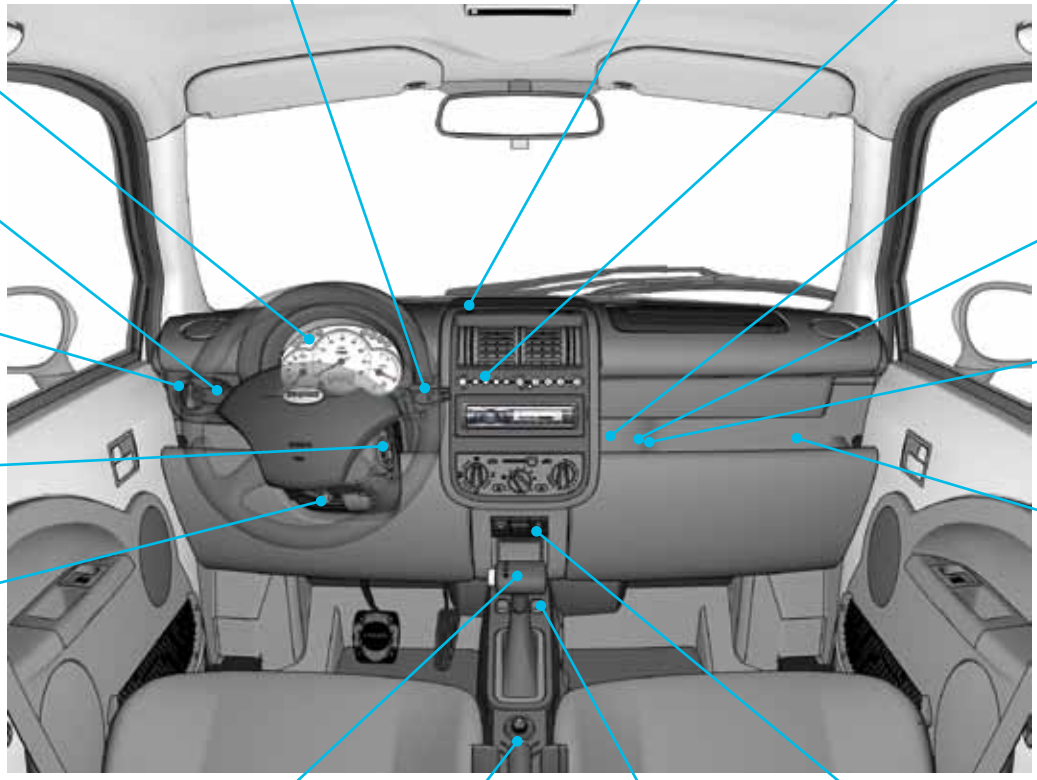

One wiper covers the whole windshield
Vehicle identification number
Antenna for radio
Seats with safety belts
Luggage compartment
Air intake for air conditioning system
Combined main light/park light/ turn signal
Hood, can be released from driver seat
Energy - absorbing safety bumper
Turn signal
Charger hatch
Connection point for charging cable and identification of battery type.
Door handle/lock. Remote control of lock is standard.
Reflector

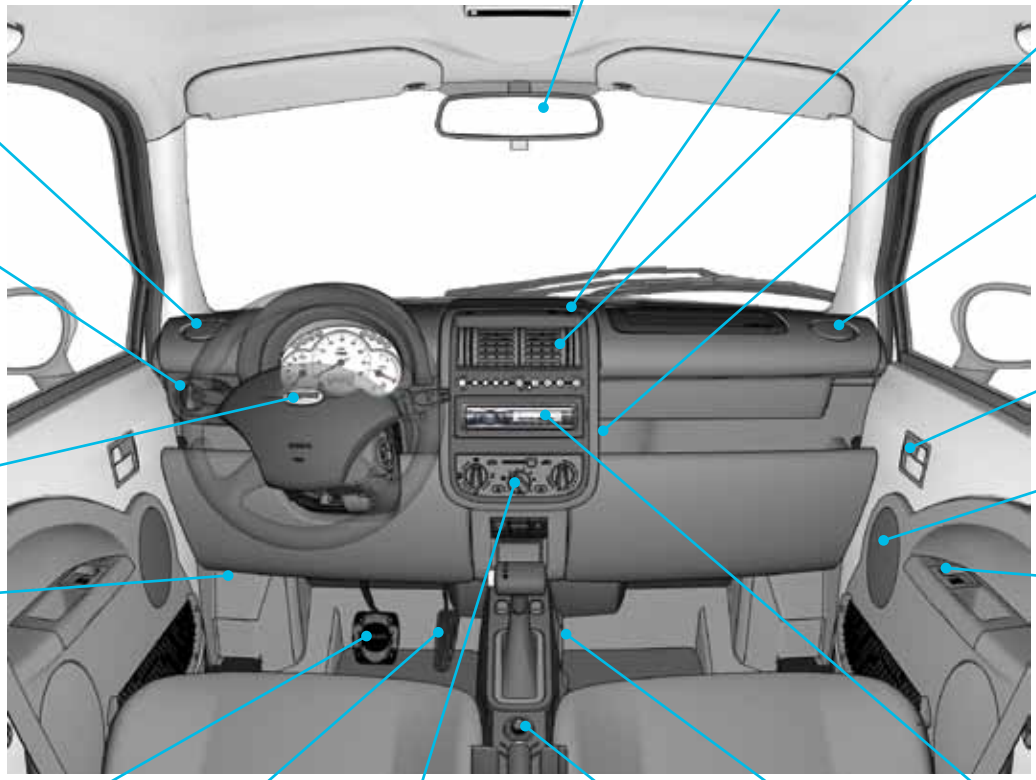
Functions on the key fob:



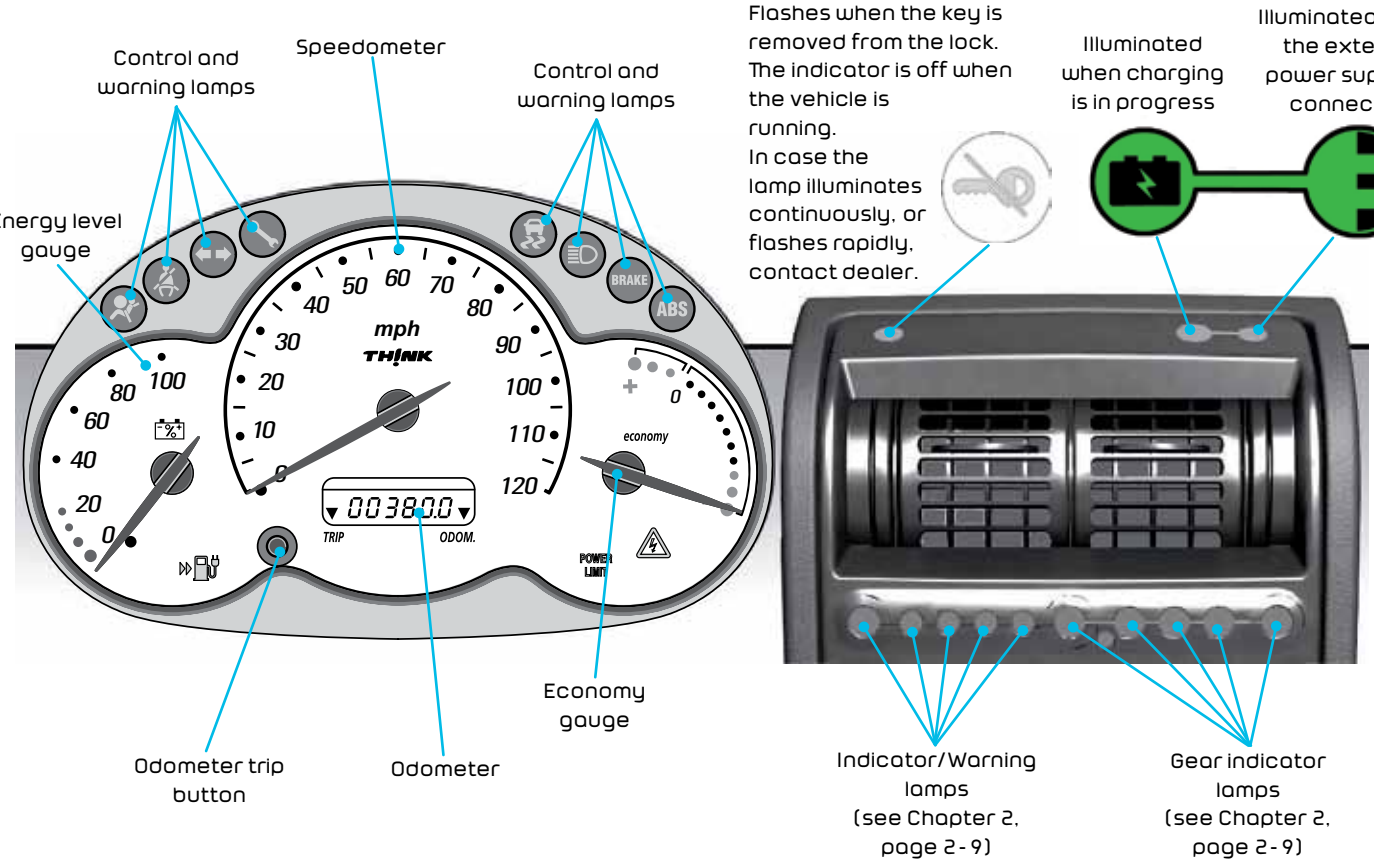


Interior


Windshield wiper/ windshield washer
Indicator, start-up locking system
Row of indicators/ warning lamps
Instrument cluster/warning lamps
Disconnect air bag, passenger seat
Open rear hatch
TPMS set button
Turn signal/ high beam/ head lamp flasher
Fuse box 12V
Ignition lock on/off switch
Connection for diagnosis (for service personnel)
Steering wheel adjustment
Gear selector
Parking brake
Window adjustment
Emergency hazard switch


Rear view mirror
Battery charging indicator
Cabin air vents
12V outlet
Ventilation
Light switch/ instrument lights
Ventilation
Door opener/ door lock
Horn
Speaker
Hood release knob
Coin box
Brake pedal
Accelerator pedal
Heat/AC ventilation
Exterior side mirror adjustment
Cup holders
Radio/CD player (if equipped)

Instrument Cluster



Charging

Charging the traction battery is a straight-forward and safe process. THINK City is supplied with a portable charger system (PCS) that includes a control unit with cables for connections to the electrical outlet and the vehicle. To charge the battery, connect the charging cable supplied with the vehicle to the electrical outlet.
The connection is made through the hatch on the driver side of the vehicle, in front of the driver side door.
You will also find more information on proper charging procedures and troubleshooting in the *Portable Charger System Manual* provided along with this manual.

To charge the battery:

⚠ WARNING

- **Always follow the charging directions carefully. If you don't, you may cause damage to the vehicle and/or the connected electrical outlet, injury to persons or accidental death.**
- **Inspection of the charge cable is required before use. A defective charge cable may cause an electric shock, with possible injury or accidental death, and/or damage to vehicle or building due to overheating.**

⚠ CAUTION

It is not possible to charge the traction battery if the 12V battery is completely discharged.

1. Park the vehicle with the gear selector in P (Park) and engage the parking brake.
2. Place the charging cable so that the PCS does not exert undue pressure on the cable and/or electrical outlet.
3. Always check the charging cable for any damaged areas.
4. Connect charging cable to power supply. Maximum safety is achieved when the charging cable is first connected to the electrical outlet and then to the vehicle.

5. Open the charger plug lid with your thumb, lifting upwards and connect charger plug to vehicle socket.
6. Ensure that the battery charging indicator lamp in the vehicle illuminates and the economy gauge needle in the instrument cluster is in the + region.

7. The charge time is dependent upon the total capacity of the battery, how much ampere-hour capacity is left and the amount of current used.

Refer to the *Portable Charger System Manual* and the *Battery Manual* for more information on proper charging procedures and estimated charging hours for your vehicle.

Delayed Charge Startup

⚠ CAUTION

If the battery charging indicator lamp in the vehicle flashes on the battery portion, it indicates that the charging is on hold for the batteries to reach appropriate temperature. This is normal. Once the appropriate temperature is reached, charging will start and the lamp will continuously illuminate.

The vehicle safety systems will monitor the battery and the battery's temperature. If the battery is outside chargeable temperature range, for instance immediately after driving, if the battery temperature is too high, the charging will be delayed until the battery temperature has decreased sufficiently. This condition will be indicated by slow flashing of the battery charge indicator.

Estimated Charging Hours

Charging time is dependent upon how much ampere-hour capacity is left, and the total capacity of the battery. For more information on battery types, capacity and charging time, see *Battery Manual* provided with this documentation packet.

Removing the Battery Charging Cable

1. Detach the battery charging cable from the vehicle.
2. Close the charger hatch.
3. Detach the battery charging cable from the electrical outlet.
4. Put the battery charging cable in its usual place, under the rear storage compartment. THINK NA recommends keeping the battery charging cable in the vehicle.

NOTE: It is recommended that the battery charging cable is disconnected from the vehicle first and then from the electrical outlet.

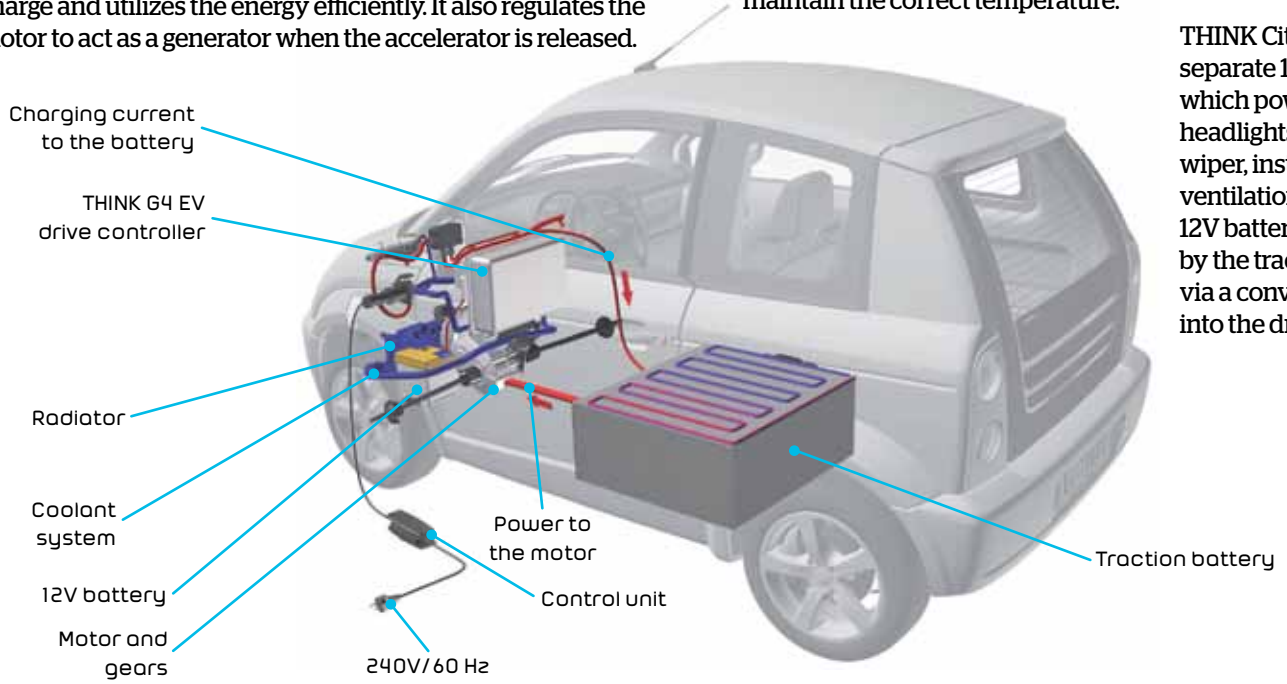
Traction System

THINK City is a front-wheel drive vehicle and is driven by an electric motor through a fixed reduction gear. The electric motor supplies ample torque over the entire rpm range. The motor gets its power (electricity) from the traction battery (see *Battery Manual*).

The THINK G4 EV drive controller monitors the electrical charge and utilizes the energy efficiently. It also regulates the motor to act as a generator when the accelerator is released.

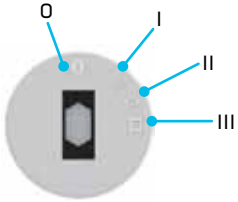
The traction battery is charged by connection to 240V (recommended) or 120V from a normal grounded electrical outlet. A built-in battery charger converts AC in the power grid to DC to charge the battery in the most optimal way. Charging stops automatically when the battery is fully charged. The on-board vehicle charger, drive controller and motor are liquid cooled. Two pumps circulate coolant to the individual units to maintain the correct temperature.

THINK City also has a separate 12V system which powers the headlights, windshield wiper, instruments, ventilation fan, etc. The 12V battery is charged by the traction battery via a converter built into the drive controller.



How to Start the Vehicle

1. Disconnect the battery charging cable.
2. Make sure the gear selector is in P (PARK).
3. Turn the ignition key to position II, and then to position III and then release. There will be a humming sound and all gear indicator lamps (green) will illuminate.



4. When the motor starts, the telltale lamp showing a green vehicle will illuminate. Make sure all warning and caution lamps are off.

5. Press the brake pedal and move the gear selector to desired position.
6. Release the parking brake and press the accelerator pedal.

You can also start the vehicle if the gear selector is in N (NEUTRAL).

NOTE: The vehicle is equipped with a park-brake interlock. You must press the brake to shift the gear selector out of P (Park).

How to Stop and Turn Off the Vehicle

1. Press the brake pedal until the vehicle has come to a complete stop.
2. Ensure that the vehicle is not moving.
3. Move the gear selector to P (PARK) and engage the parking brake.
4. Turn off the ignition (move to position 0).
5. Remove the ignition key and lock the vehicle.

How to Open the Rear Hatch

From inside the vehicle: Push the button for opening the rear hatch.

Using key fob: Push the symbol for opening the rear hatch twice quickly (works only with ignition key in 0, or ignition key removed).

⚠ CAUTION

Make sure the rear hatch is latched before driving (it can appear closed without actually being latched).

Access Light

Open doors with the key fob to switch on the interior light. The light will switch off after 25 seconds if all doors are closed. The light will switch off if the vehicle is started or locked with the key fob.

See Chapter 2 for more information.

Keys and Lock Systems

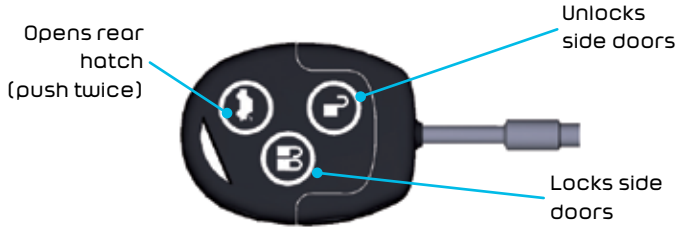
⚠ CAUTION

Keep the keys in a safe place and out of reach of children. Children could accidentally open the vehicle and injure themselves or others or cause damage to the vehicle.

THINK City is equipped with two remote control key fobs. The vehicle can be opened manually with the keys (only on driver side) if the remote control does not work.
THINK City is equipped with an advanced starter lock system. The vehicle can only be started with these coded keys (see Chapter 2).

Key Fob

Both key fobs are equipped with a remote control to lock or unlock the vehicle. Push the desired function on the key fob.



NOTE: If the open button on the key is pressed and none of the doors are opened or the ignition is not activated within 45 seconds, the central locking device will automatically lock the doors.

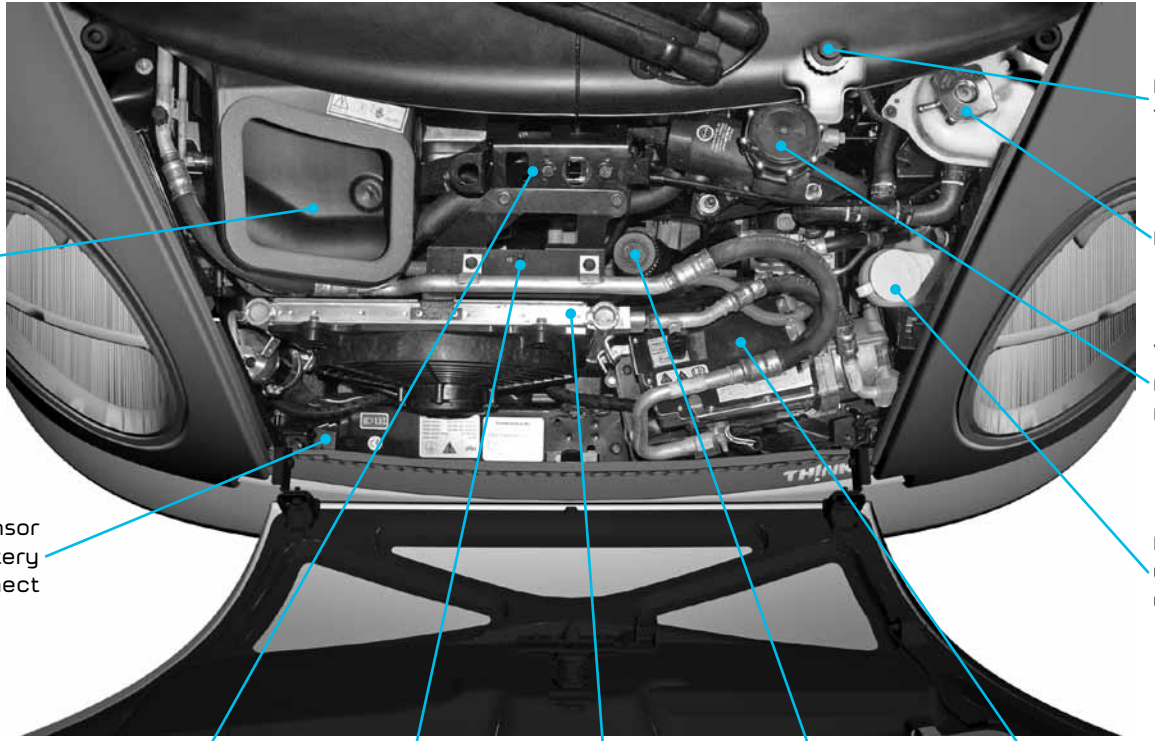
Change Key Fob Battery

See “Service and Maintenance”, page 5-19.

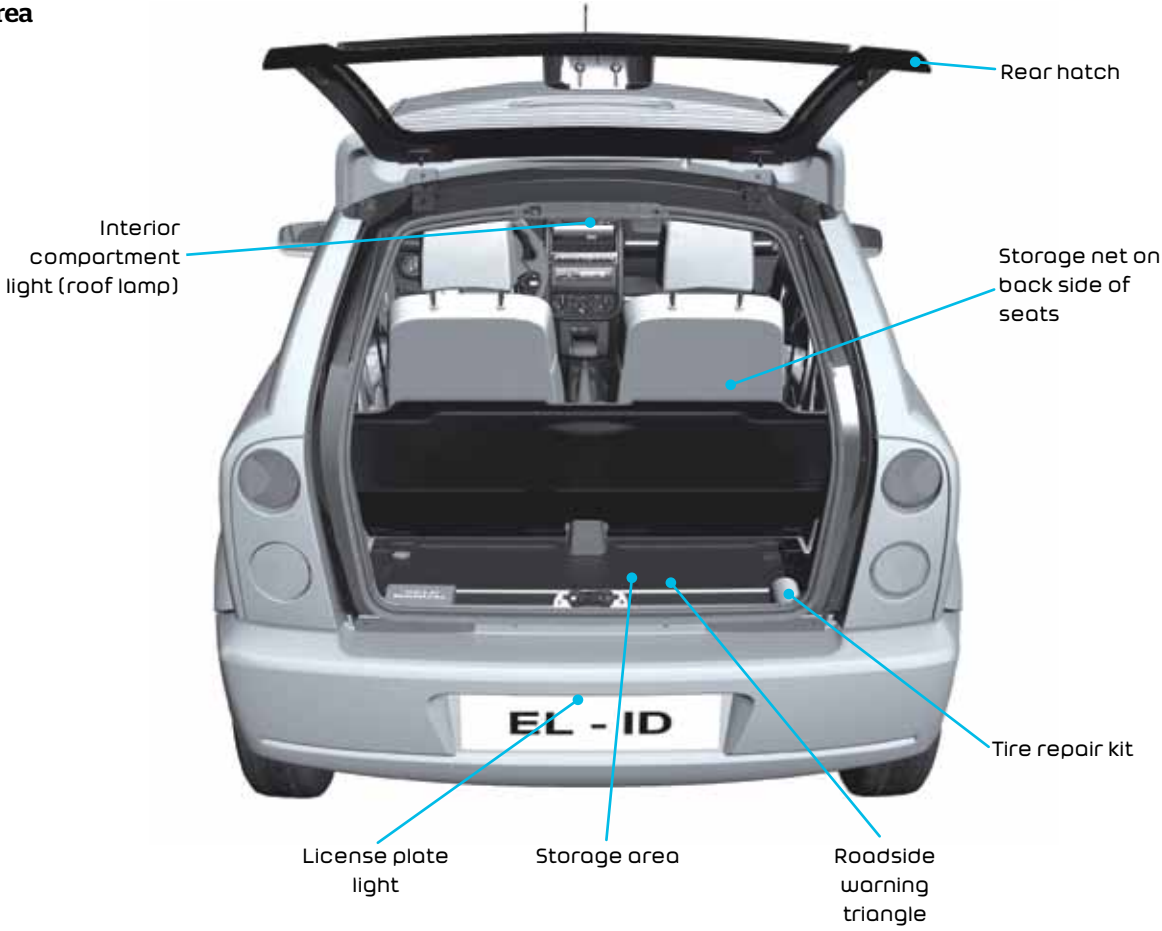
Central Locking Device

THINK City is equipped with a central locking device to lock all the doors with the interior door lock on the driver side or on the key fob.

Motor Compartment



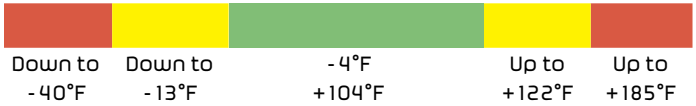
Luggage Area



Technical Data/Recycling

Temperature Limits

THINK City works under the following temperatures:



Green = normal performance
Yellow = reduced performance
Red = storage only

Fully Recyclable

THINK City was designed to create minimal impact on the environment in all phases of its usable lifetime. The unique way the vehicle is built makes it easy to disassemble for recycling. The dyed-throughout plastic body emits no poisonous gasses during production and can be melted down and re-used. The dye comes from natural pigments which eliminates the need for painting and the fumes resulting from that process. The framework is of aluminum and steel which can easily be recycled.

The first thing you will see when you get into your THINK City is the instrument cluster, which is arranged to give you a clear overview of the controls. Here you will find control and warning lights as well as instruments that inform you of the status of certain vehicle functions before you start the vehicle and when the vehicle is driven.

2. Overview of Instruments and Controls

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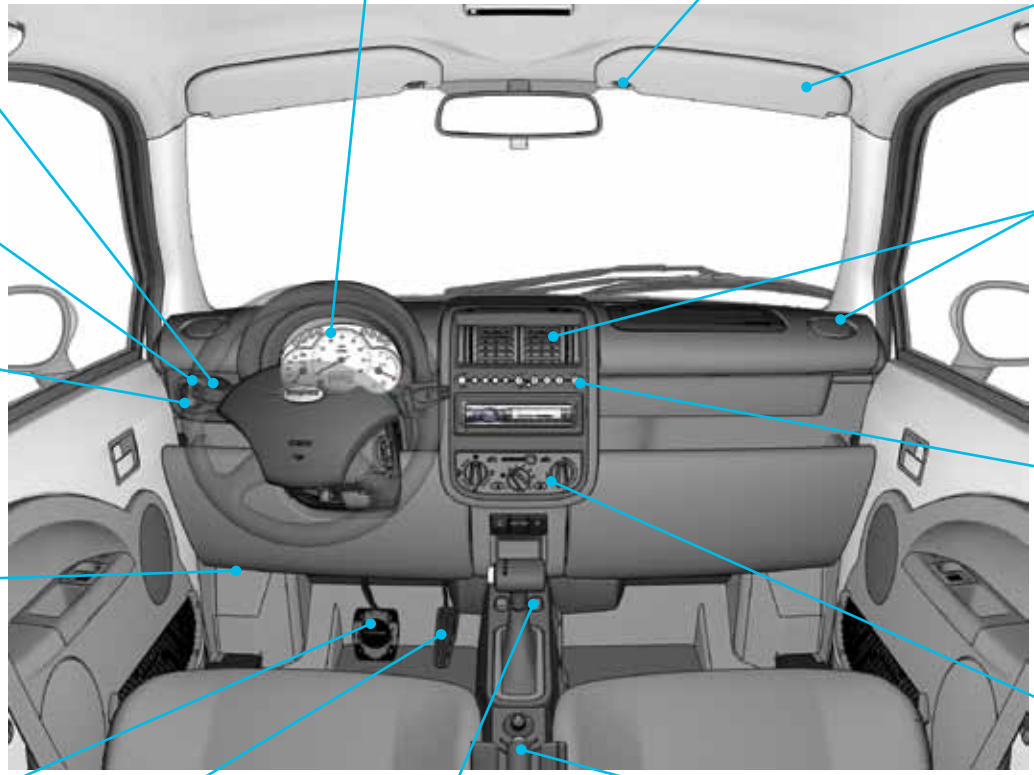
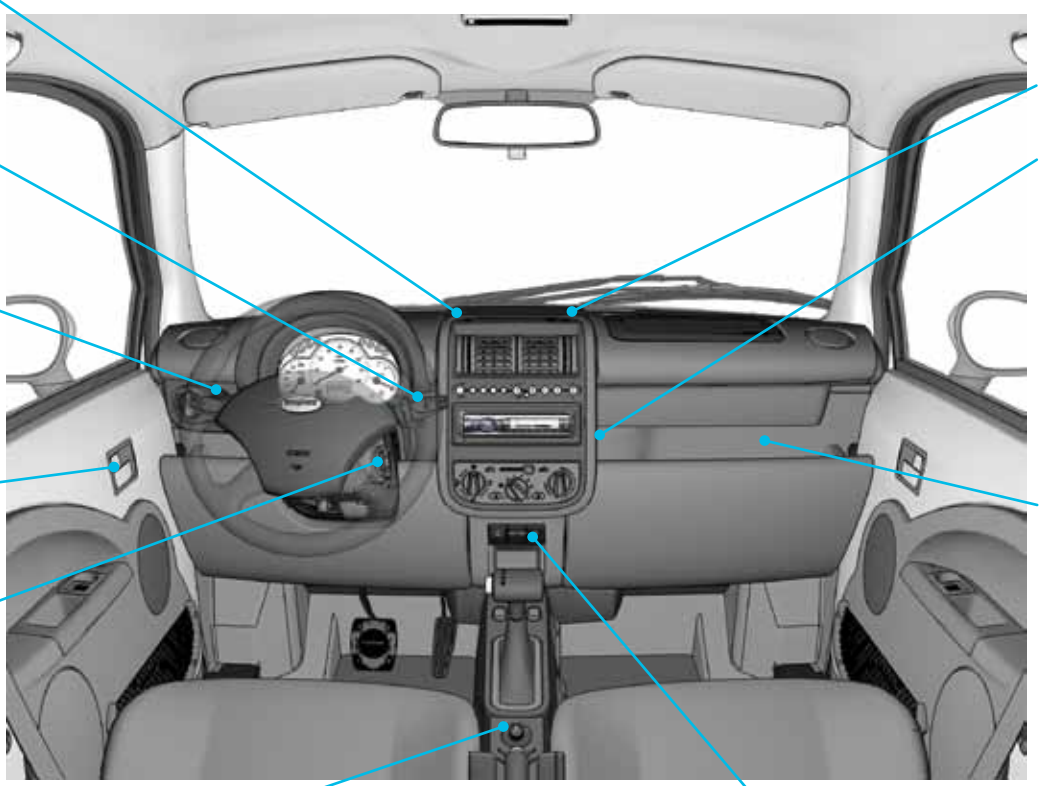
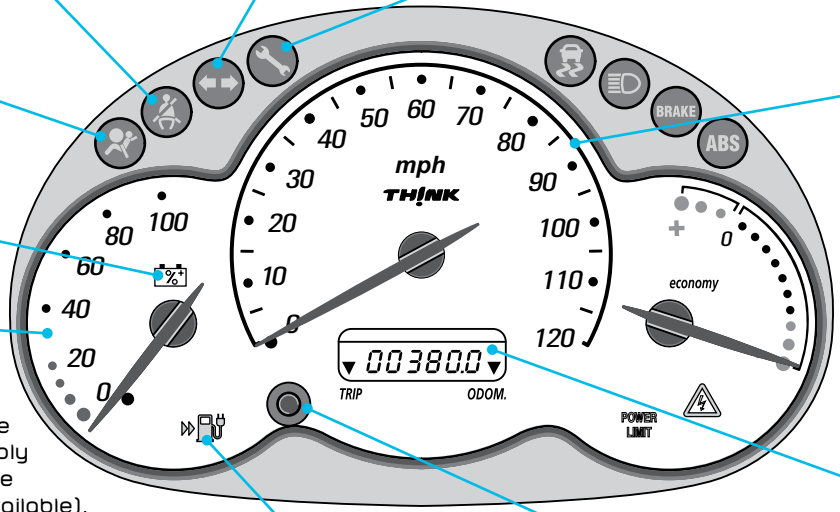
Overview Instruments




Indicator for start and ignition locking system
Windshield wiper/washer (see page 2-12)
Instrument panel light (see page 2-10)
Door opener/ door lock
Ignition lock
Exterior side mirror adjustment (see page 2-8)
Indicator for charging
12V outlet plug for 12V equipment. Max load is 200 W. Always keep cover on when not in use.
Storage compartment
Emergency hazard switch. Activates hazard lights. Works also when ignition is off. Press once to activate and again to turn off.

Main Instrument Cluster with Warning Lamps



Warning lamp for safety belts. Illuminates when the driver or passenger has not fastened the safety belt.

Warning lamp for turn signal and emergency hazard switch.

Warning lamp for faulty equipment. Illuminates if there are faults in the electrical system. If constantly on, contact your dealer.

Warning lamp for air bags. Illuminates or blinks continuously if there is a fault in the air bag system.

Speedometer. Shows the vehicle's speed.

Warning lamp indicating low power of 12V battery.

Charge level. Shows the traction battery's charge level. 100% means the battery is fully charged. If under 5%, the power output will be noticeably reduced (to economize range with the remaining charge available). 0% means the battery is completely discharged and must be charged to avoid damage. The charge gauge is active during both charging and driving. When the ignition is off, the gauge will show the charge level when the vehicle was last driven.

The odometer registers the vehicle's total driving distance. The trip counter shows the number of miles/kilometers driven from that starting point.

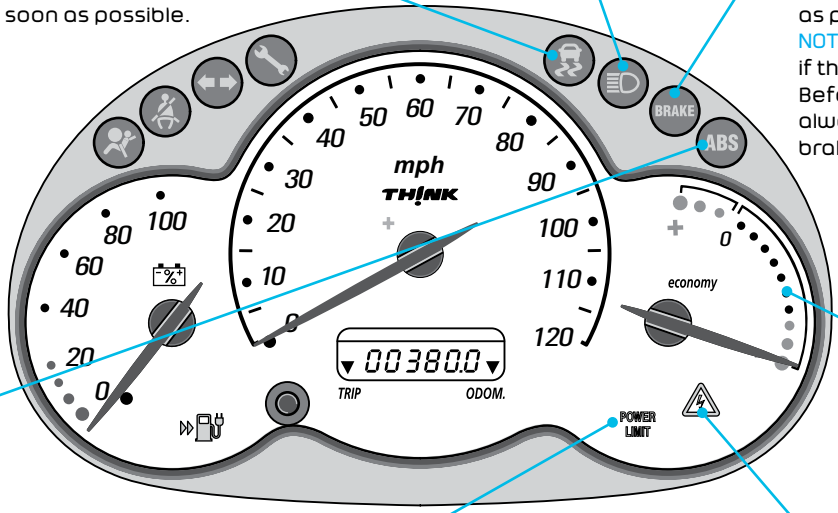
Warning lamp for low battery charge. Illuminates continuously if the charge is under 10%. Blinks rapidly when the charge is 0%.

Trip odometer button. Hold in for 2 seconds to reset. Push quickly to select the function.

Warning lamp for electronic stability program (ESP) (if equipped). Illuminates briefly when you switch on the vehicle and then goes out. Warning lamp flashes whenever an ESP event occurs. If it illuminates continuously while driving, the ESP system is not fully operational and the vehicle should be checked by the dealer as soon as possible.

Warning lamp for high beams. Illuminated when high beams are on.

Warning lamp for faults in the brakes. If lamp illuminates continuously, it indicates a severe brake system fault. If this happens, stop the vehicle in a safe manner and get it checked by the dealer as soon as possible.
NOTE: This lamp will also illuminate if the hand brake is engaged. Before driving the vehicle, always ensure that the hand brake is disengaged.



Warning lamp for anti lock brake system (ABS). Illuminates for a few seconds when the vehicle is started. If the lamp does not illuminate when the vehicle is started or if the lamp is illuminated continuously, the ABS will not work and the vehicle should be taken to the dealer as soon as possible.

Economy gauge. Shows the vehicle's power consumption. While driving the vehicle, if the indicator is in the green field, the vehicle is charging the battery (regenerative braking). See page 4-12 for more information.

Warning lamp for limited output. Illuminated when the motor's power is limited.

⚠ WARNING

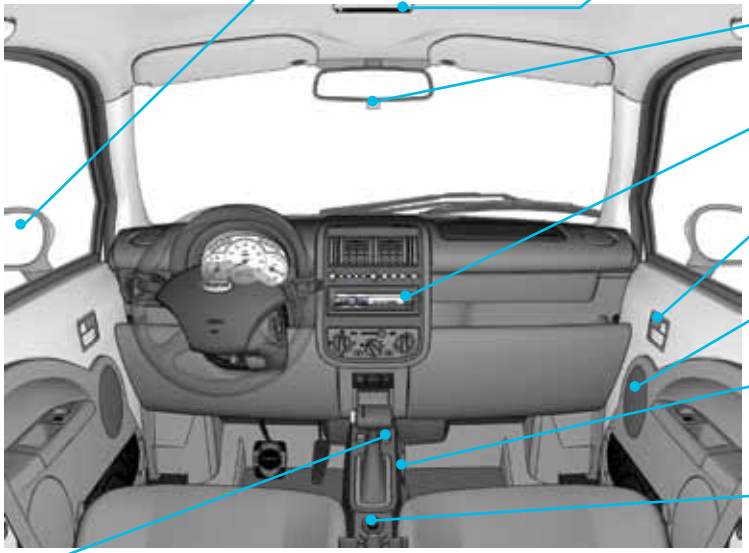
If illuminated, the telltale lamp indicates a fault in the high voltage system. Charging is not possible if the light is continuously illuminated. Contact your dealer if the lamp does not illuminate a few seconds at start-up or remains illuminated while driving.

Interior and Climate Controls

⚠ WARNING

When children are in the vehicle: Be sure that their heads and fingers are clear of the windows before closing. Never leave the vehicle with the key in the ignition.

Side exterior mirror. Electric adjustment only, cannot be moved manually



Electric window opener. Can only be operated when the vehicle is running.

The interior dome lamp illuminates when:

- The doors are closed and the switch is on.
- The door activation switch is on and one or more doors are open.

When the door activation switch is off, the dome lamp will not turn on if a door is opened.

Rear view mirror (interior) with night adjustment (push handle back)

Radio/CD player (if equipped) see radio owner's manual

Door opener/ door lock

Speaker for radio/CD player

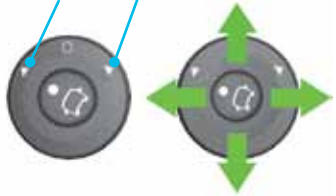
Cup holder

Button for adjusting side exterior mirrors

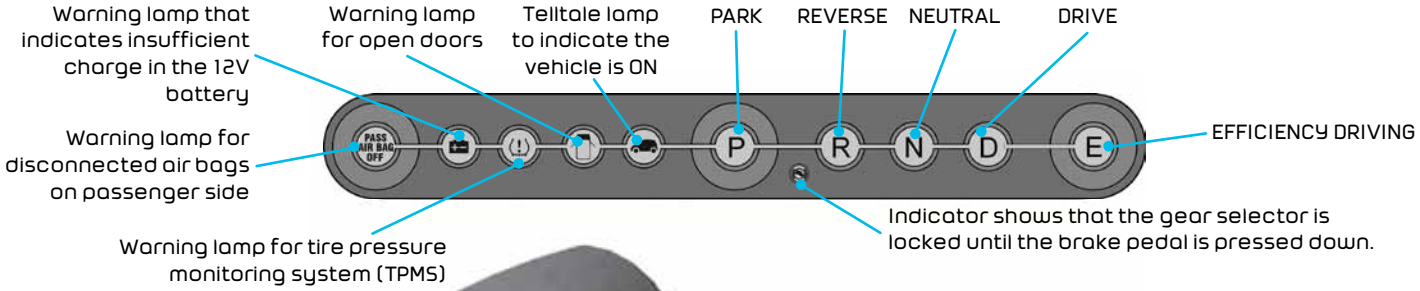
Choose which mirror to adjust by rotating the switch left/ right. Move the switch up/ down or right/left to adjust mirror to the correct position. Once adjusted, return the switch to the middle position.

Driver side mirror

Passenger side mirror



Gear Selector and Indicator



Brake-shift Interlock Feature

There is a gear lock which stops the gear selector from moving into or out of P (PARK), unless the brake pedal is engaged. The vehicle will not move when it is put in P (PARK).
This parking lock function will disengage automatically when the gear selector is moved out of P (PARK).

Gear Selector Positions

- Hold the brake pedal down and press on the gear lock release button before moving the gear selector from P (PARK) to another gear.
- P (PARK) - The vehicle must be stationary before it is put into P. The vehicle must be in P to remove the ignition key. If the doors are open and the gear selector is not in P, there is a repeated warning beep. Gear selector cannot be shifted to/from P unless the ignition key is in position.
- R (REVERSE) - When the gear selector is in R, the vehicle will move backward when the brakes are released.
- N (NEUTRAL) - When the gear selector is in N, the vehicle can be started and will move freely. Apply the brakes to stop the vehicle.
- D (DRIVE) - With the gear selector in D, the vehicle will move forward.
- E (EFFICIENCY DRIVING) - Limits power output and increases regenerating level to allow for more energy-efficient driving.

Main Light Switch, Turn Signal and Instrument Panel Lights

Main Light Switch

One click to the left turns on front and back parking lights only. Will work when ignition is off or on.

One click to the right turns on parking lights, license plate light and instrument panel lights. Will work when ignition is off or on.

Two clicks to the right turns on front head lamps (low beam), license plate light, back lights and instrument panel lights.

If equipped with fog lights, when you pull the switch out while in this position, the fog lights at the left rear illuminate. The symbol under the switch will illuminate to indicate the lights are on.

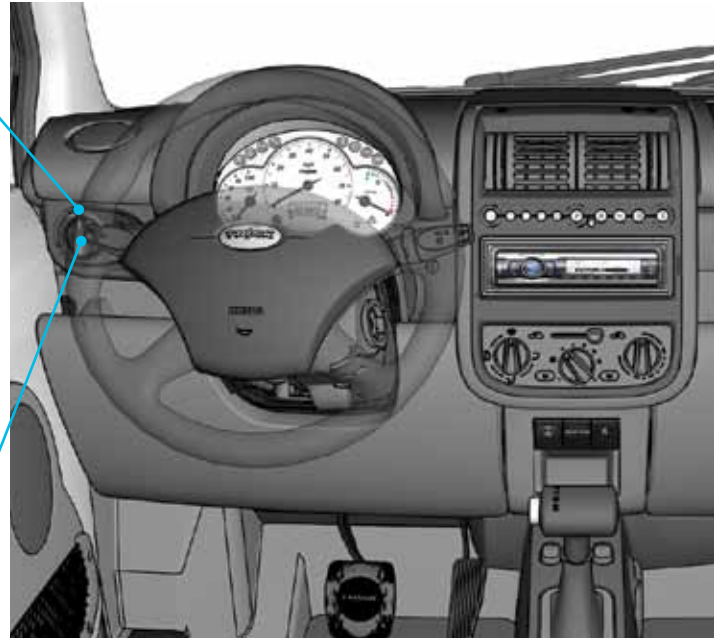
You can switch to high beams by pulling the stalk on the left side of the steering wheel towards the steering wheel. To return to low beams, pull the stalk again towards the steering wheel.

Headlamp Flasher
Pull the lever slightly towards the steering wheel

Turn Signal
Push the lever up/down to signal for right/left turn

Instrument Panel Lights

The brightness of the lights are adjusted by turning the adjusting wheel left or right. The instrument panel lights work only when the main or parking lights are on.



Ignition Lock and Emergency Hazard Switch

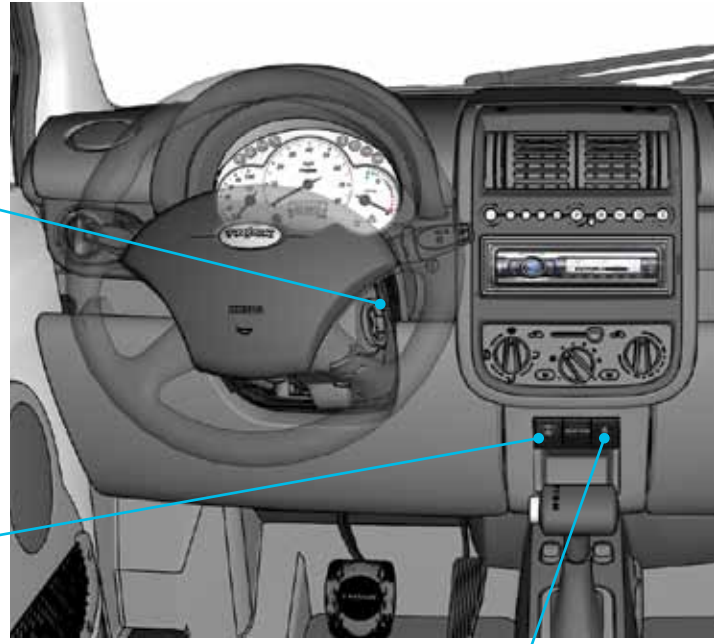
Ignition Lock

I. Turns off the motor and other functions. The radio can be used.

II. All electrical functions are on. The key is in the drive position.

III. Starts the motor and all systems for driving. Release the key as soon as the motor starts (indicated by the green car telltale lamp in the warning lamp panel). Once released, the key automatically returns to position II.

0. Activates the steering wheel lock. The key can be taken out.



Electric Windshield Defroster (if equipped)

This button has two positions. Pushing once will remove dew (yellow light illuminates). This turns off after 14 minutes or when the ignition is turned off. Press twice to manually turn off.

Pushing twice melts ice and snow (red light illuminates). This turns off after 4 minutes or when the ignition is turned off. Push once to manually turn off.

Emergency Hazard Switch

This switch activates all the turn signals when the ignition is on or off. Push once to activate and once more to turn off.

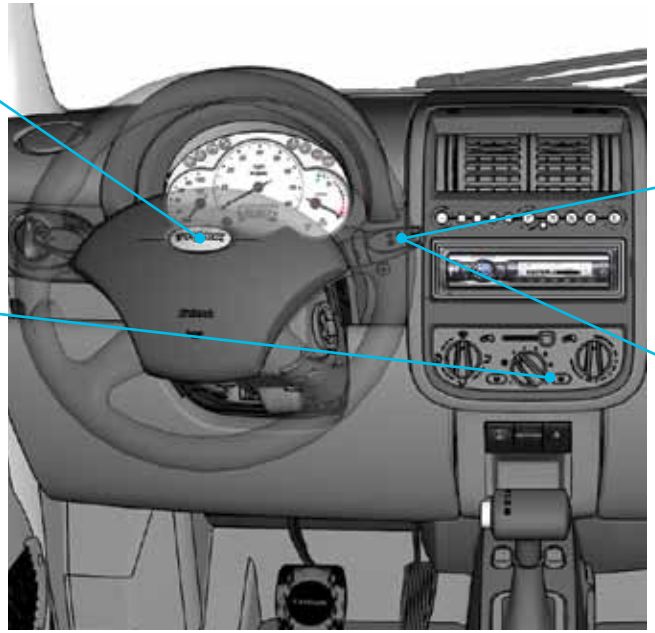
Windshield Wiper, Defroster and Horn

Horn

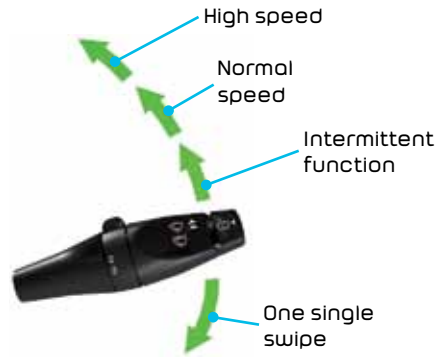
Press on the center of the steering wheel to beep a warning.

Defrosting Back Window

Push the button to activate. This removes dew/moisture and melts thin ice or snow. The light in the switch will stay on as long as the heat is on. This will turn off after 14 minutes or when the ignition is turned off. Push the button again to manually turn off.



Windshield Wiper Speed



Windshield Washer

Pull the handle towards you to start the wiper blade. It will swipe over 3 more times after the washer fluid stops spraying.

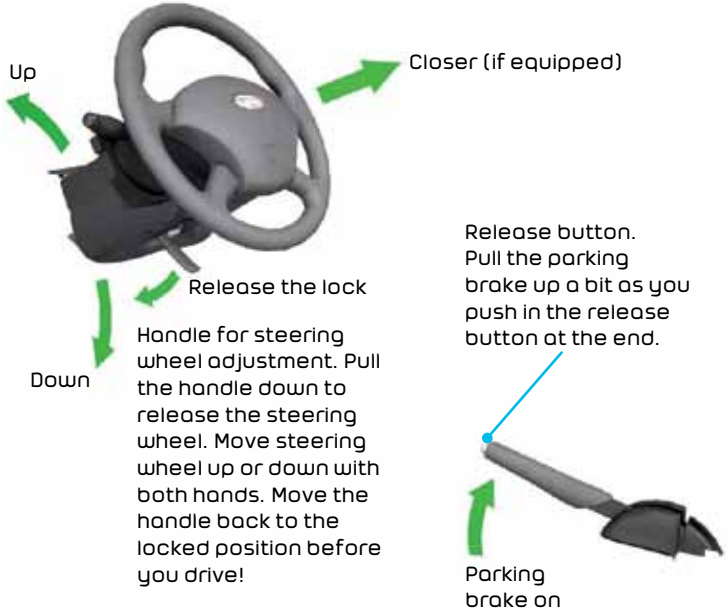
Start-up Locking System, Steering Wheel and Parking Brake

⚠ WARNING

Never adjust the steering wheel column while the vehicle is in motion! Doing so may result in loss of vehicle control and possible injury or death in the event of a collision.

THINK City is equipped with start-up locking system which is an advanced theft protection feature. The keys are coded for each individual vehicle, and only the exact keys can be used to start it. If you lose the keys or they are stolen, you must contact your dealer to code new keys.
If there are large metal objects, electronic devices or other keys kept on the same key ring, this could cause start-up difficulties. Make sure none of these items are touching the vehicle key when you start the motor. These objects will not damage the key but can cause problems during start-up if they are too close to it. If you experience difficulty starting up, turn the key to off position, and hold these objects away from the key and start the vehicle again. Be sure that your ignition key is an original THINK City key.
Reserve keys can be bought at your dealer who can code them for the locking system.
If one or both keys are lost or stolen, you must take the vehicle and key(s) to the dealer for re-coding.

Steering Wheel and Parking Brake



The parking brake works on the back wheels. Always use the parking brake when you leave the vehicle.

The purpose of the climate control system in THINK City is to assure the utmost comfort and convenience for both driver and passenger. Remember that using the ventilation and heating fans take energy from the vehicle's traction battery.

3. Climate Controls

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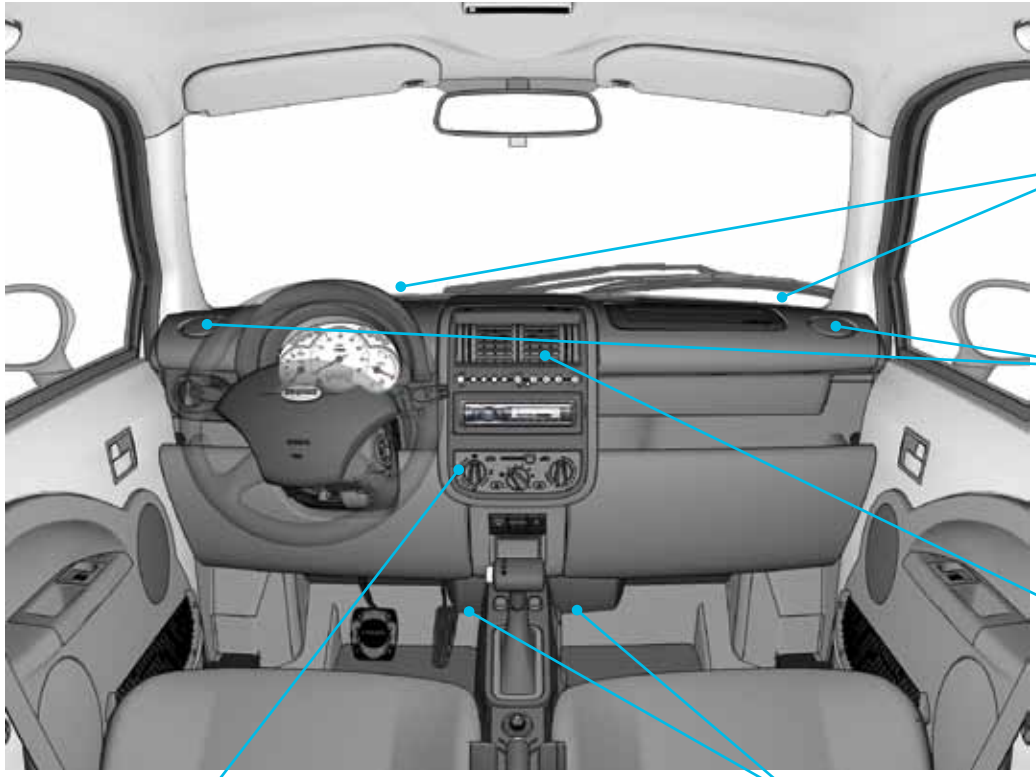
Setting the Climate Controls

The various air vents regulate the amount of air and blowing direction



If you select a position between two symbols, the air is distributed accordingly

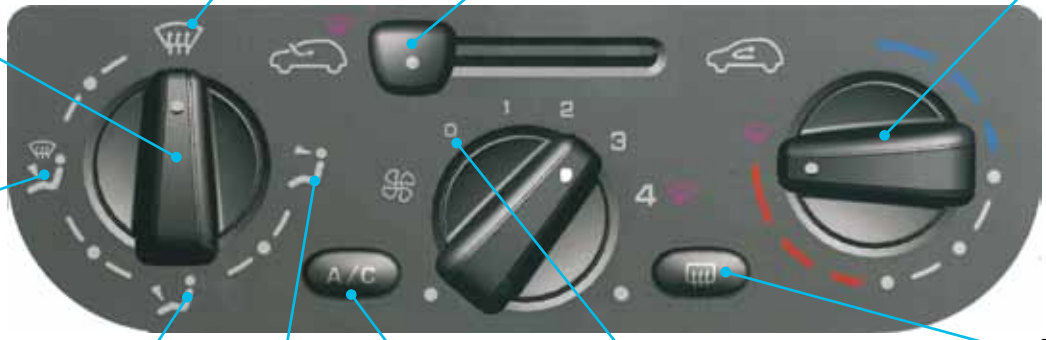
All air directed toward windshield

Fresh air/recirculation (see page 3-6)

Temperature control. Heat comes from an electric heating element and can therefore reduce the distance the vehicle can be driven. The heating element will stay on unless the temperature control is set at the coldest temperature. Temperature setting: Red = hot Blue= cold

Air flow direction control

Air towards the windshield and the floor



Defrosting rear windows and electrically heated mirrors (if equipped) (see page 2-12)

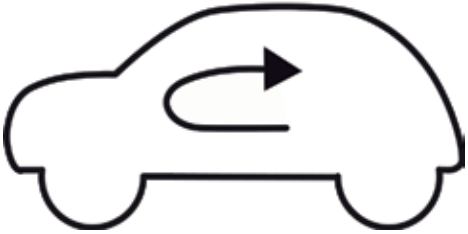
Fan speed
Fan speed 0 = no air. At high vehicle speeds some air can still go through the system. Use recirculation to avoid this. Fan speed 4 = maximum fan speed.

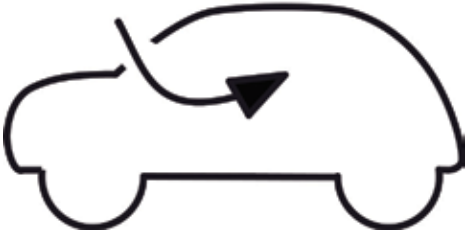
Almost all air towards the floor, a little towards the windshield

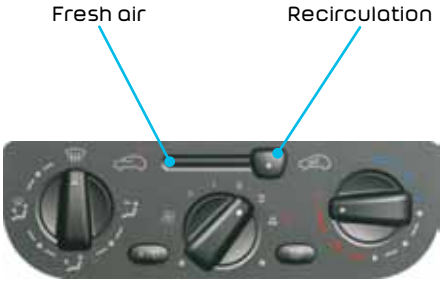
All air through the center and side vents

A/C on/off switch

Fresh Air and Recirculation







Recirculating the Air
In this case, the interior air is recirculated and fresh air is not coming into the vehicle.
This will stop fumes (exhaust in a tunnel, etc.) from coming in. This also helps the vehicle to stay warm, and is the most energy efficient setting.
The disadvantage is that the windows may fog up and air quality is eventually reduced.

Fresh Air
Opening the fresh air vents allows for better air quality and is necessary to keep the windows from fogging up which is often the case in cold or humid weather.
Setting the controls to combine recirculated and fresh air is preferable and also helps to save energy by utilizing the existing interior air temperature.

In order for the ventilation system to work properly, the air ducts on the vehicle must not be blocked or covered by snow or leaves.

Recommended Settings

To remove mist or moisture:

Set the air direction towards the windshield, choose fresh air on high speed (level 2-4) and the warmest heat setting. If the vehicle is equipped with A/C, turn this on. If the vehicle is equipped with electric front window defrosting (optional), turn this on.

To remove snow/ice from the windshield:

Set the air direction towards the windshield, choose recirculation, high fan speed (level 3-4) and the warmest heat setting. If the vehicle is equipped with electric front window defrosting (optional), turn this on.

To heat up quickly:

Set the air direction towards the windshield and floor, select fresh air, fan speed 2-3 and the warmest heat setting.

For ventilation:

Set air direction towards the interior (vent mode), choose fresh air, adjust fan speed to suitable level and the coldest temperature setting.

Heating in cold climate (–4°F to 50°F):

Set the air direction towards the windshield and floor, select fresh air and suitable fan speed and adjust the temperature setting to a comfortable temperature.

Cooling and ventilation at ambient conditions above 50°F:

Set air direction towards interior (vent mode), choose fresh air, adjust fan speed to a suitable level and set temperature to a suitable level (0 to 180-degree knob position or blue and white area).

Maximum cooling in hot conditions:

Set air direction towards interior (vent mode), choose recirculated air, choose high fan speed (3-4) and set temperature knob to max cool.

NOTE: The interior air quality will deteriorate if the air recirculation setting is on too long; a recommendation is to switch to fresh air for 1-2 minutes every 20 minutes.

Tips and Advice

⚠ CAUTION

Do not place objects on top of the dashboard as these can fly through the air when braking or in an accident. Objects on the dashboard can also block the stream of air or fall into the air vents and damage the ventilation system. They can also reduce visibility.

In humid weather, the defroster function (air blowing toward the windshield) should be selected before starting to drive. This will reduce the chance of dew and moisture building up on the windshield in the first few minutes. Eventually the settings can be changed.

NOTE: Ensure that snow, ice and leaves in the grill and the hood are removed or the heating system's air intake ducts will be blocked.

Wash the vehicle's windows regularly both inside and out. This removes any greasy film that builds up and also absorbs extra moisture.
While driving in cool weather you can choose recirculation which helps to heat up the interior air more quickly. Select fresh air as soon as the interior is warm to avoid dew and moisture on the windows.

NOTE: The interior air quality will deteriorate if the air recirculation setting is on too long, so use it for shorter periods.

Using the ventilation system will reduce the distance the vehicle can drive so use the maximum settings only when necessary.
If the vehicle has the electrically heated windshield (if equipped), you can increase the driving distance by using this to remove ice and snow instead of the heating and ventilation system.

THINK City – a safe, small vehicle. THINK City has been developed in cooperation with leading automobile industries involved in vehicle safety.
The collision tests and endurance tests have been conducted in accordance with recognized standards in the automotive industry.
In this chapter you will find information regarding safety equipment and practical advice on vehicle operation.

4. Driving and Safety

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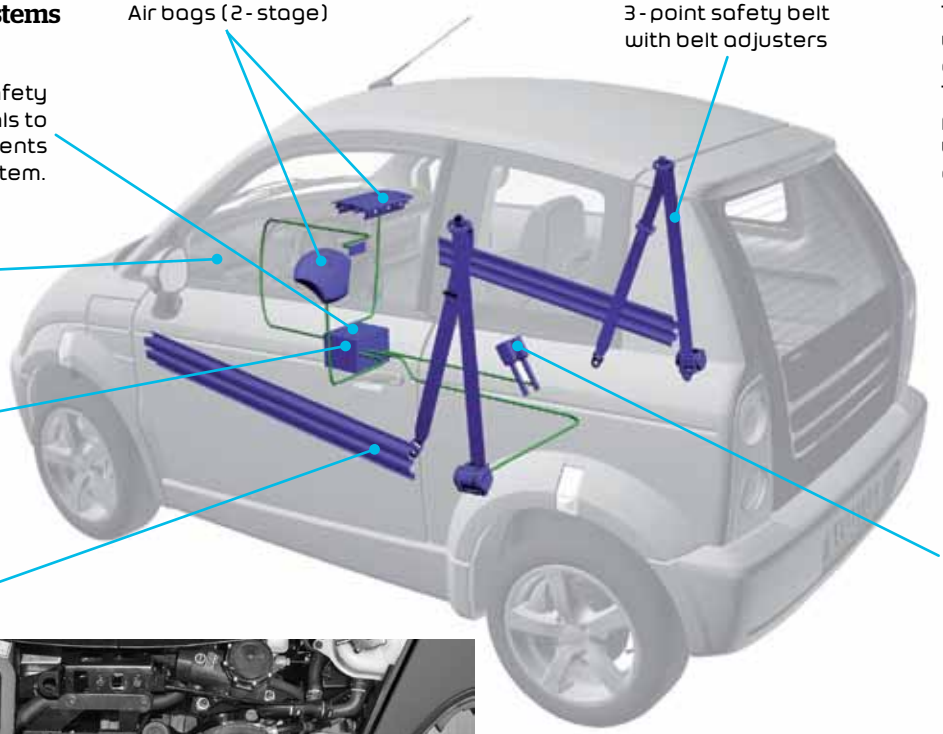
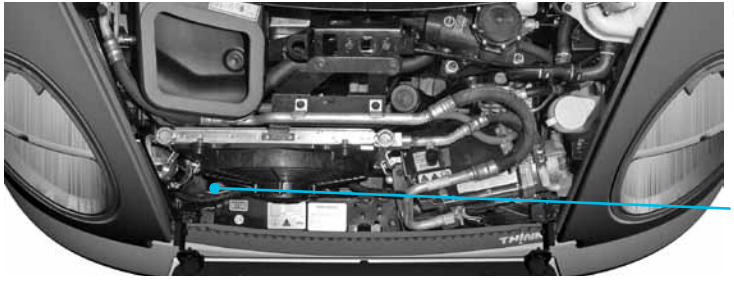
Important Safety Systems



THINK City is equipped with a safety system for driver and passenger. To provide the best protection in an accident, wear the safety belts at all times.

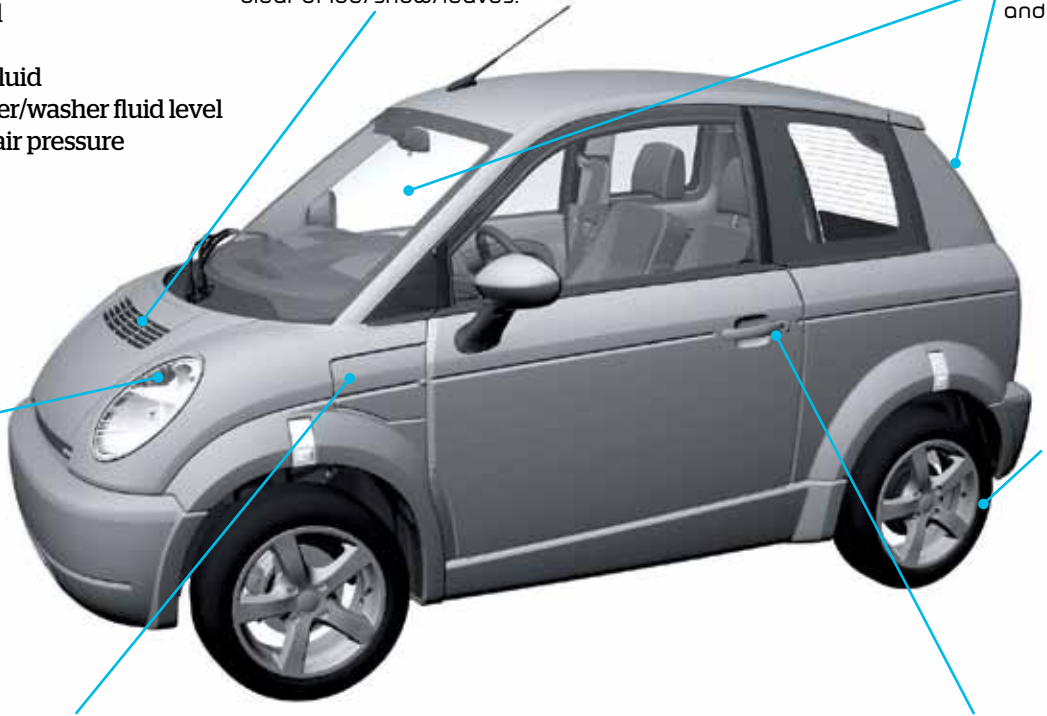


Inertia sensor. THINK City is equipped with an inertia sensor in front of the motor. The sensor sends a signal to the traction battery that cuts the power from the traction battery in case of an impact.

Safety Rules

Check the following regularly:

- Anti-freeze level
- Brake fluid
- Power steering fluid
- Windshield wiper/washer fluid level
- Tire treads and air pressure
- Lights



Make sure the air intake area is clear of ice/snow/leaves.

Check that the windows are clean and ice/snow free.

Keep the head lamps clean. Strong, bright lights are important for safety (see page 5 - 6)

Use recommended quality tires. Never let the tread go under the minimum depth. Check for proper air pressure (see page 5 - 20). Good tires are essential for safe driving.

Remove the battery charging cable before getting into the vehicle. Take it with you so you can use it in other places.

NOTE: It is recommended that the battery charging cable is disconnected from the vehicle first and then from the electrical outlet.

Lock/unlock with key fob (see page 1 - 18).

⚠ WARNING

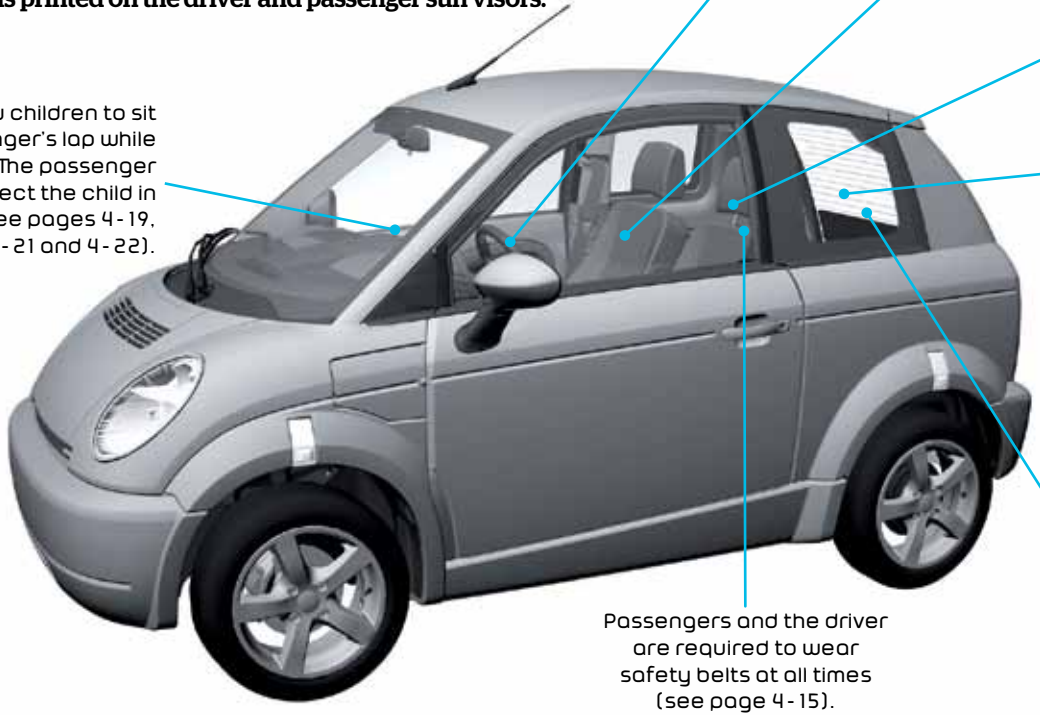
Children 12 years old and under can be killed or injured by the air bag. Never put a rear-facing child seat in the front unless the air bag system is turned OFF using the air bag disconnect switch. Sit as far back as possible from the air bag. Always use safety belts and/or the correct child restraints. Air bag warning information is printed on the driver and passenger sun visors.

Adjust the seats, mirrors and steering wheel so you are comfortable and have good visibility (see page 4-7).

Check that child safety equipment, if installed, is properly mounted (see pages 4-19, 4-20 and 4-21).

Drive with the seat back straight up and the safety belt fastened low and tight over your hips (see page 4-15).

Do not allow children to sit on a passenger's lap while driving. The passenger cannot protect the child in a collision (see pages 4-19, 4-20, 4-21 and 4-22).



Secure/tie-down items stored/transported in the luggage compartment. Loose objects can injure people in the vehicle during unexpected quick braking or a collision (see page 4-23).

Passengers are only allowed to sit in the back if the vehicle is equipped with rear seats and safety belts.

Passengers and the driver are required to wear safety belts at all times (see page 4-15).

Recommended Settings

⚠ WARNING

- **Never adjust the steering wheel or the seat/headrest while the vehicle is in motion! Doing so may result in loss of vehicle control and possible injury or death in the event of a collision.**
- **Do not sit too close to the air bag. The National Highway Traffic Safety Administration (NHTSA) recommends a minimum distance of 10 in. (25 cm) between an occupant's chest and the driver's air bag module.**

It is important for safety reasons to sit in a comfortable position so be sure to adjust the seat and steering wheel so you have full control and good visibility.

The headrest should be adjusted to your height (directly behind your head). It is adjusted by pulling the headrest straight up or pushing it down into the seat back.

(if equipped)

Knob to flip/slide the seat forward for easy access to the luggage compartment. To return the seat back to its original position, slide the seat back and flip the seat back rearward until you hear a click.

Handle for adjusting the steering wheel to the desired angle. Press the handle down and move the steering wheel up or down and then lock it in place by lifting the handle up again.

Adjusts the angle of the seat back. Rotate the knob clockwise or counterclockwise to the desired position.

Handle to move the seat forward/backward. Lift the handle and slide the seat to the desired position.

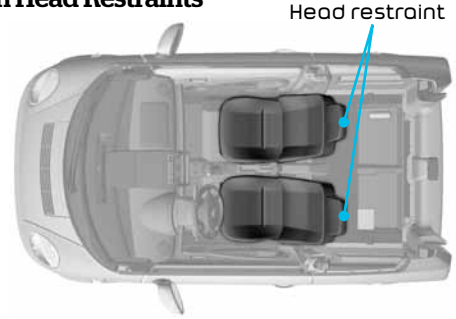
Head Restraints

⚠ WARNING

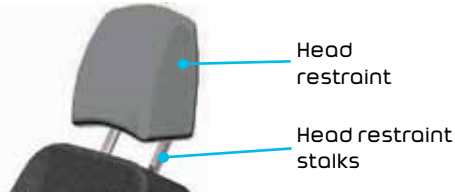
- **Head restraints supplement the other vehicle safety systems. They may provide additional protection against injury in certain rear-end collisions. All occupants, including the driver, should not operate a vehicle or sit in a vehicle's seat until the head restraints are placed in their proper positions in order to minimize the risk of neck injury in the event of a crash.**
- **Adjust the head restraints properly. Check the adjustment after someone else uses the seat. Do not attach anything to the head restraint stalks or remove the head restraint. Do not use the seat if the head restraint has been removed. If the head restraint was removed, reinstall and properly adjust the head restraint before an occupant uses the seating position. Failure to follow these instructions can reduce the effectiveness of the head restraints and may increase the risk of serious injury or death in a collision.**

Seating Positions with Head Restraints

The illustration shows the seating positions equipped with head restraints. All of the head restraints are adjustable.



Components of Head Restraints



Adjustment

Adjust the head restraint so the center is level with the center of the seat occupant's ears. THINK City's head restraints are not meant to be removable. In the event the head restraints are removed, please ensure that they are correctly installed prior to using the vehicle.

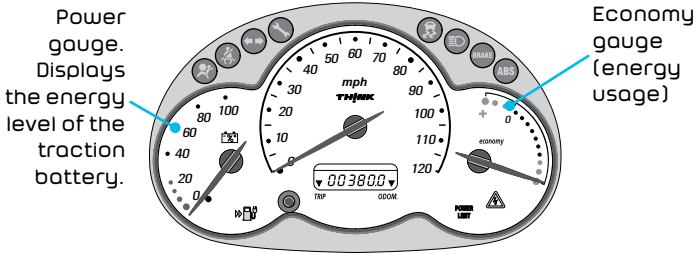
To raise the head restraint, pull it up.
To lower, push the head restraint down.

Economical Driving and Energy Tips

To achieve maximum driving distance you should:

- Use position E (efficiency) on the gear selector when possible.
- Use the recommended tire air pressure.
- Keep the vehicle weight as light as possible.
- Avoid driving constantly with roof racks (if equipped).
- Do not accelerate quickly.
- Maintain a moderate speed.
- Drive as smoothly as possible.
- Limit the use of the heating system.
- Remember to connect the charge cable to the electrical outlet when the vehicle is not in use. The battery will then be fully charged for your next trip.

See the *Battery Manual* for information on the battery. Both driving style and use of heating and other electrical equipment affects the distance the vehicle can go. Instruments in the vehicle provide information about the driving distance and energy usage. See Chapter 2 for more information.



Regenerative Brakes

THINK City is equipped with a motor brake that feeds energy to the battery for recharging, and at the same time slows the vehicle down. When the accelerator is released, this goes into operation.

⚠ WARNING

Note that if you are not careful when releasing the accelerator, the motor brake can lock the front wheels during extremely slippery road conditions. This could happen, especially when the gear shifter is in E (EFFICIENT DRIVING). So use extreme caution when driving on slippery road conditions.

If the battery is fully charged, the regenerative braking effect will be reduced to avoid over charging. This effect will also disengage if the ABS is activated.

Gear Selector Positions

Gear Selector Positions

The brake pedal must be depressed before the release button is pushed in to move the gear selector from P (PARK). Keep the brake pedal depressed to prevent the vehicle from moving.

P (PARK) — The vehicle must be standing still for the gear selector to move into P. The gear selector in P locks the gear box and stops the front wheels from turning. The gear selector must be in P for the ignition key to be removed. If the doors open when the gear selector is not in P, a warning signal will beep. Also, the gear selector cannot be shifted into or out of P if the key is not turned on.

R (REVERSE) — With the gear selector in R, the vehicle will move backward. Apply the brakes if necessary.

N (NEUTRAL) — The vehicle can be started without the gear engaged (the vehicle can roll). Apply the brakes if necessary.

D (DRIVE) — When the gear selector is in D, the vehicle will move forward. Apply the brakes to stop the vehicle. This is the recommended gear when driving on highways and open roads. The regenerative brakes will go into effect as soon as the accelerator is released (if the battery is almost fully charged, the regenerative braking effect will be limited).

E (EFFICIENCY DRIVING) — When the gear selector is in E, the vehicle will move forward. The power output is limited to 20 kW and the level of regeneration is higher. This allows for the maximum driving distance and is recommended when full power is not required (downtown city driving or slow traffic).

Antilock Brake System (ABS)

⚠ WARNING

- **The antilock brake system (ABS) cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase braking or steering efficiency beyond that afforded by the condition of the vehicle brakes and tires or the traction. The ABS cannot prevent all accidents, including those resulting from excessive speed in turns, following another vehicle too closely, or hydroplaning. Only safe, attentive and skillful driving can prevent accidents. The capabilities of an ABS-equipped vehicle must never be exploited in a reckless or dangerous manner which could jeopardize the user's safety or the safety of others.**
- **Do not take driving risks and hope that ABS will correct judgment errors. It is always your responsibility to drive with due care and attention.**

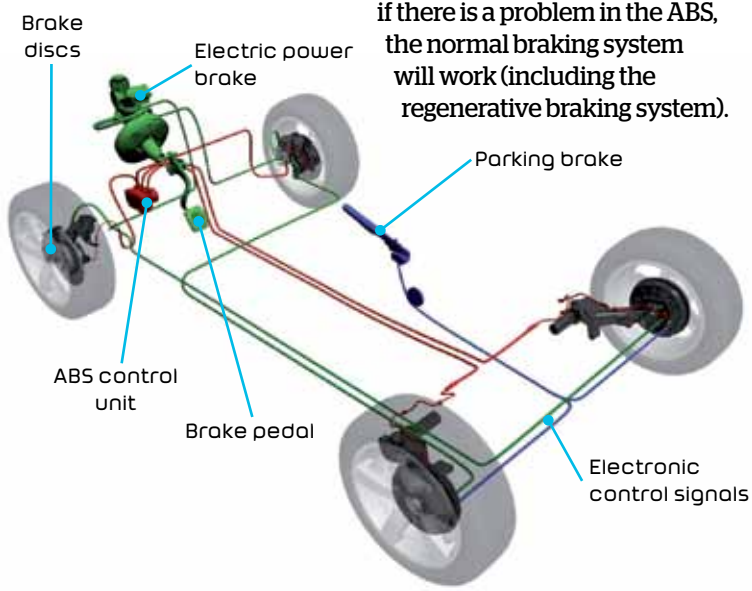
⚠ CAUTION

Moisture and road salt can reduce the efficiency of the brakes. When driving in wet conditions or after washing the vehicle, the brake discs can get wet and the efficiency of the brakes could be reduced temporarily. Test the brakes after such conditions by pressing the brake pedal lightly. This will produce heat which reduces the moisture. This test is especially important after washing the vehicle in winter at or below freezing conditions.

The vehicle's power brakes produce a vacuum when the brakes are applied. This is done with the help of an electric pump. When the brake pedal is applied, the electric pump will make a sound – this is normal.

Warning Lamp for ABS Brakes

This warning lamp will illuminate briefly when the ignition is started, before the motor starts. It should then go out. If there is a fault in the ABS, the warning lamp will be lit continuously. Even if there is a problem in the ABS, the normal braking system will work (including the regenerative braking system).



The ABS monitors the speed of the wheels. If one of the wheels gets blocked during braking, the braking power will adjust itself so that the wheel does not lock up. The wheels will continue to rotate freely, allowing you to steer the vehicle even in an emergency situation.
When the ABS cuts in, there will be a pulsating movement in the brake pedal. This is normal and indicates that the ABS brakes are working as they should. It is not uncommon to hear noise from the braking system both during braking and when starting up. This can be caused by dust, moisture, heat, cold, salt or dirt. If there is a constant "metal upon metal" sound when braking, have the brakes checked by your dealer. Dealer should also be contacted if there is repeated vibration in the steering wheel during braking.

Driving Tips

When THINK City starts and drives, energy from the battery is used. The greater the speed or steeper uphill, the more energy is required. Fast acceleration and erratic driving uses more energy than smooth and stable driving.

While driving the vehicle, whenever the accelerator is not depressed, the motor will act as generator and will create energy that charges the battery. This is more pronounced when driving downhill or when driving in EFFICIENCY DRIVING mode. This is called regenerative braking and helps maximize your driving range. By anticipating your stops and simply removing your foot from the accelerator to slow down, you can take advantage of the energy gained from regenerative braking.

Electronic Stability Program (ESP) (if equipped)

⚠ WARNING

If the ESP warning lamp in the instrument cluster flashes, proceed as follows:

- **While driving, apply as little throttle as possible.**
- **While driving, ease up on the accelerator pedal.**
- **Adapt your speed and driving style to the prevailing road conditions.**

Failure to observe these guidelines could cause the vehicle to skid. The ESP system cannot prevent accidents resulting from excessive speed.

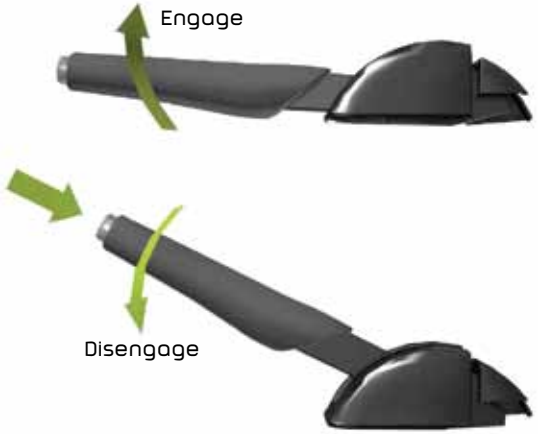
⚠ WARNING

The ESP system cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase the traction. The ESP system cannot prevent accidents resulting from excessive speed in turns or hydroplaning. Only safe, attentive and skillful driving can prevent accidents. The capabilities of an ESP system must never be exploited in a reckless or dangerous manner which could jeopardize the user's safety or the safety of others.

Your vehicle may be equipped with the Electronic Stability Program (ESP). If equipped, the ESP system is active as soon as the vehicle is turned on and it monitors the vehicle's traction and handling. The ESP system detects when a wheel is spinning or if the vehicle starts to skid. Once recognized, the ESP system stabilizes the vehicle by applying brakes to the appropriate wheel and also by limiting the power output to the front wheels. The ESP warning lamp in the instrument cluster flashes whenever an ESP event occurs.

The ESP warning lamp is also an ESP fault detection telltale lamp. The ESP warning lamp in the instrument cluster briefly illuminates when you switch on the vehicle and goes out when the vehicle is running. If the lamp illuminates continuously while driving, the ESP system is not fully operational and the vehicle should be checked by the dealer as soon as possible.

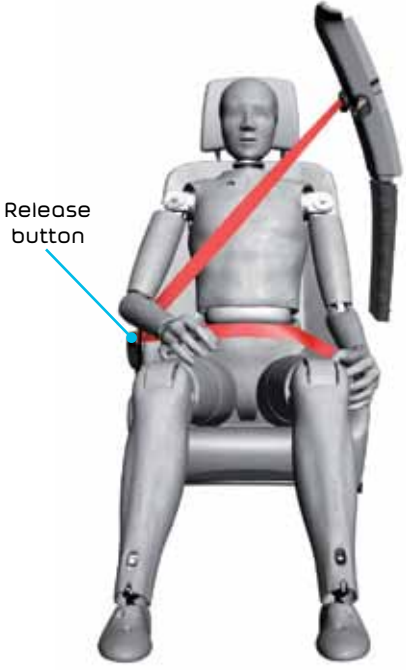
Parking Brake



Always use the parking brake when the vehicle is parked. Pull the lever upward. The parking brake works on the rear wheels and should be engaged after 2-3 "clicks". If not, this must be checked and corrected by your dealer.

Warning lamps for the braking system will illuminate when the parking brake is on.

The parking brake is disengaged by pushing the button at the end of the lever, and pulling up slightly then moving down. The parking brake can be used as an emergency brake when the vehicle is moving. The parking brake works only on the rear wheels and the vehicle will therefore have a longer braking distance and the vehicle will feel quite different than during normal braking.



Safety Belts

THINK City is equipped with combined lap and shoulder belts (3-point safety belt).

Fastening the safety belts:

1. Pull the safety belt slowly out and over your shoulder. Insert the tongue of the safety belt securely into the buckle.
2. Tighten the safety belt by pulling on the shoulder strap so that the lap belt fits snugly.
3. Push on the release button to unfasten the safety belt.

Check that the safety belt:

- is not twisted
- is securely fastened in the buckle – listen for a sharp snap.

The warning lamp for safety belts will illuminate and make a warning beep if the vehicle is started and the safety belts are not fastened.

Safety Belt Locking Modes

Normal sensitive mode:

This is the normal retraction mode and allows movement and slow adjustments. If the driver brakes suddenly or turns a corner sharply, or if the vehicle receives an impact of approximately 5 mph (8 km/h) or more, the combination safety belts will lock to help stop the driver and passengers from being thrown forward.

Automatic lock mode

The passenger side has the automatic lock retractor (ALR) (this is not available on the driver safety belt). This mode must be used any time a child safety seat is installed in the passenger front seat using the passenger safety belt (see page 4-21).

Using the automatic lock mode:

1. Pull the safety belt all the way out.
2. Buckle the safety belt.
3. Let the safety belt retract until it is tight. There will be clicking sounds which means that the safety belt is locked and cannot be pulled any further out.

To release automatic locking:

- Loosen the safety belt and let it fully retract. The automatic locking is now fully disengaged and normal sensitive mode is activated.

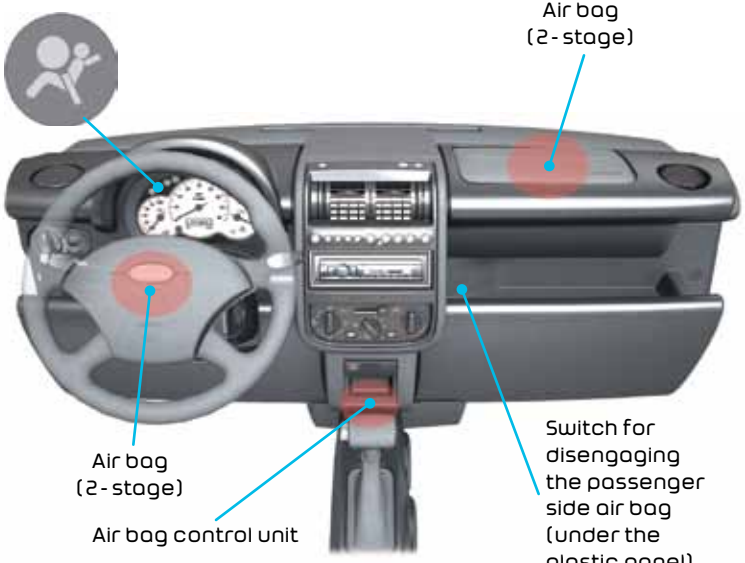
⚠ CAUTION

If the vehicle has been in an accident and the air bags deployed or the safety belt locked, the vehicle must be taken to your dealer to inspect/repair/replace the safety restraints. Do not attempt to repair these yourself.

Air Bags

⚠ WARNING

The vehicle is equipped with an air bag and lap/shoulder belt at both front outboard seating positions. All occupants, including the driver, should always wear their safety belts whether or not an air bag is also provided, in order to minimize the risk of severe injury or death in the event of a crash. The air bag is a supplemental restraint at these seating positions providing additional protection in certain types of collisions only – they do not replace the need to wear a safety belt.



General Information

Air bags are an integral part of the vehicle's safety system. The control unit will analyze data received from the collision and safety sensors to determine if the air bags should be released. Air bags are designed to be released only in a frontal collision or another type of collision severe enough to activate them. Activation of the air bags is accompanied by a loud noise; air bags inflate rapidly to reduce the crash force before deflating in a controlled manner. This happens in a matter of tenths of seconds.

How the System Works

Operation of the air bag system depends on the rate at which your vehicle decelerates as a result of a collision. In the event of a collision, the air bag control unit monitors the rate of deceleration to determine whether the air bags should be deployed.

When deployed, air bags inflate rapidly, with considerable force accompanied by a loud noise. The deployed air bag, together with the safety belt restraint system, limits the movement of the occupants, thereby reducing the risk of injury to the head and upper torso.

The air bag system is not designed to deploy as a result of:

- Rear collisions
- Minor front impacts
- Minor side impacts
- Heavy braking
- Driving over bumps or potholes

⚠ WARNING

- **The air bags deploy with considerable speed and force and there is risk of injury such as facial abrasions, fractures, injury to the facial area or eyes and possible internal injury. To limit these injuries, ensure that occupants are correctly seated, with the seat as far back as is practical, and are wearing safety belts.**
- **When air bags are deployed, a powdery residue is emitted; this may cause eye and skin irritation if exposed too long. Wash with soap as soon as possible. Several components in the air bag system heat up during deployment; do not touch these components directly after deployment, allow time for cooling.**
- **The National Highway Traffic Safety Administration (NHTSA) recommends a minimum distance of 10 in. (25 cm) between an occupant's chest and the driver's air bag module.**

Obstruction of Air Bags

⚠ WARNING

- **Do not allow passengers to obstruct the operation of the air bags by placing feet, knees or any other part of the body, or any loose objects in contact with, or in close proximity to, an air bag module.**
- **Do not attach or position items on an air bag cover, which could interfere with the inflation of the air bag or be propelled inside your vehicle and injure occupants.**

Deployment of Air Bags

⚠ WARNING

In the event the air bags are deployed, the vehicle must be taken to an authorized THINK NA dealer to check/repair/replace the safety restraint systems. Do not attempt to repair these systems yourself.

NOTE: This vehicle is subject to NHTSA Temporary Exemption No. EX 09-02, from S14.5.2, S15, S17, S19, S21, S23, and S25 of FMVSS 208; the so-called advanced air bag requirement.

Air Bag Warning Indicator

If there is a fault in the air bag safety system, the warning lamp will blink or illuminate continuously or it may not illuminate at all when the ignition is turned on. In such cases, the air bag must be checked by your dealer.

Air Bag Warning Labels

⚠ WARNING

- **The vehicle should not be driven if warning signals/faults in the safety restraint system, safety belts or air bags are indicated in the control module.**
- **Children 12 years old and under can be killed or injured by the air bag. Never put a rear-facing child seat in the front passenger seat, unless the air bag system is turned OFF. Sit as far back as possible from the air bag. Always use safety belts and/or the correct child restraints. Air bag warning information is printed on the driver and passenger sun visors.**

Deactivating the Passenger Air Bag

The passenger side air bag of the vehicle can be deactivated (turned off) using the ignition key. The switch is beside the fuse box over the passenger side foot-well.

⚠ WARNING

The air bag on the passenger side should always be deactivated when:

- **An infant less than 1-year-old is carried in a front-facing/rear-facing child seat**
- **A child 12 years old or under is riding in the front passenger seat**

Always ensure that the passenger air bags are re-activated in all other circumstances except the ones mentioned above (or according to a medical doctor as regards some individuals like those of very small stature or with certain medical conditions). Failure to do so may result in death or serious injury in the event of a collision.

Safety Seats for Children

⚠ WARNING

- Always ensure your child is secured properly in a device that is appropriate for their height, age and weight. Failure to properly secure children or properly secure the child restraints and follow these instructions and guidelines may result in an increased risk of serious injury or death to your child.
- All U.S. states and territories require that infants and small children be restrained in an approved child restraint at all times while the vehicle is being operated.

⚠ WARNING

Children 12 years old and under can be killed or injured by the air bag. THINK does not recommend carrying a rear-facing child restraint seat in the front seat even with the passenger air bag turned off. For more information, refer to the air bag warning information that is printed on the driver and passenger sun visors. Failure to follow the warnings and instructions for proper use and installation of child restraints could result in serious injury or death of a child or other passengers in a sudden stop or collision. Please follow these precautions to ensure maximum safety:

- Sit as far back as possible from the air bag.
- Always use safety belts and/or the correct child restraints.
- Never let a child stand or kneel on any seat and do not allow a child in the cargo area. The child could be seriously injured or killed in a sudden stop or collision.
- Do not put a safety belt around both a child and another passenger.
- Infants and children should never be held on anyone's lap.
- Always carefully follow the instructions and warnings provided by the manufacturer of any child restraint to determine if the restraint device is appropriate for your child's size, height, weight or age.
- Follow the child restraint manufacturer's instructions and warnings provided for installation and use in conjunction with the instructions and warnings provided by the vehicle manufacturer.

Child Seat Installation Using the LATCH (Lower Anchors and Tethers for CHildren) System

⚠ WARNING

Attach the LATCH system compatible child restraints only at the front passenger position. Always inspect the lower anchors by inserting your fingers into the lower anchor area, making sure there are no obstructions over the anchors. Failure to follow the warnings and instructions for proper use and installation of child restraints could result in serious injury or death of a child or other passengers in a sudden stop or collision.

This vehicle is equipped with a universal child restraint anchor system, referred to as the LATCH (Lower Anchors and Tethers for CHildren) system in the front passenger seat. This system may also be referred to as the ISOFIX or ISOFIX-compatible system. With this system, you do not have to use a vehicle seat belt to secure the child restraint. Some child restraints include rigid or webbing-mounted attachments that can be connected to these anchors. If you do not have a LATCH-compatible child restraint, the vehicle seat belts must be used to secure the child seat.

The LATCH lower anchors are located at the rear of the seat cushion near the seat back. LATCH compatible child restraints include two rigid or webbing-mounted attachments that can be connected to the two lower anchors located at front passenger positions in your vehicle.

Follow these steps to install a forward-facing child restraint using the LATCH system:

1. Move the seat to the rearmost position.
2. Position the child restraint on the seat. The back of the child restraint should be secured against the vehicle seat back.
3. Secure the child restraint anchor attachments to the LATCH lower anchors. Check to make sure the LATCH attachment is properly attached to the lower anchors. For child restraints that are equipped with webbing-mounted attachments, remove any additional slack from the anchor attachments.
4. If the child restraint is equipped with a top tether strap, route the top tether strap and secure the tether strap to the tether anchor point. The tether anchor point can be found on the floor of the cargo compartment behind the front passenger seat. Adjust the head restraints if needed. Tighten the tether strap according to the manufacturer's instructions to remove any slack.
5. After attaching the child restraint, test it before you place the child in it. If the restraint is not secure, tighten the LATCH attachment as necessary.
6. Check to make sure the child restraint is properly secured prior to each use. If the child restraint is loose, repeat steps above to ensure it is secured properly.

Child Seat Installation Using the Safety Belts

⚠ WARNING

The automatic locking retractor (ALR) in the front passenger seat must be used when installing a child restraint using the safety belt system. Failure to use the ALR mode will result in the child restraint not being properly secured and cause injury to a child in a sudden stop or collision.

Follow these steps to install a forward-facing child restraint using the safety belt system:

1. Move the seat to the rearmost position.
2. Position the child restraint on the seat. The back of the child restraint should be secured against the vehicle seat back.
3. Route the safety belt tongue through the child restraint and insert it into the buckle until you hear and feel the latch engage. Be sure to follow the child restraint manufacturer's instructions for belt routing.
4. If the child restraint is equipped with a top tether strap, route the top tether strap and secure the tether strap to the tether anchor point. The tether anchor point can be found on the floor of the cargo compartment behind the front passenger seat. Adjust the head restraints if needed. Tighten the tether strap according to the manufacturer's instructions to remove any slack.
5. Pull the shoulder belt until the belt is fully extended. At this time, the seat belt retractor is in the ALR mode. It reverts to normal sensitive mode when the seat belt is fully retracted. See page 4-15 for more information.
6. Allow the safety belt to retract. Pull up on the shoulder belt to remove any slack in the belt. Remove any additional slack from the seat belt; press downward and rearward firmly in the center of the child restraint with your knee to compress the vehicle seat cushion and seat back while pulling up on the safety belt.
7. Tighten the tether strap according to the manufacturer's instructions to remove any slack.
8. Check to make sure the child restraint is properly secured prior to each use. If the child restraint is loose, repeat steps above to ensure it is secured properly.

Installing Booster Seats

⚠ WARNING

- **Make sure the shoulder portion of the belt is away from the child's face and neck and the lap portion of the belt does not cross the stomach. Never place, or allow a child to place, the shoulder belt under a child's arm or behind the back because it reduces the protection for the upper part of the body and may increase the risk of injury or death in a collision.**
- **Choose only a child restraint or booster seat with a label certifying that it complies with Federal Motor Vehicle Safety Standard 213. Ensure that the child restraint or booster seat is compatible with the vehicle's seat and safety belt system.**

⚠ WARNING

The automatic locking retractor (ALR) mode should NOT be used when using a booster seat with the safety belts.

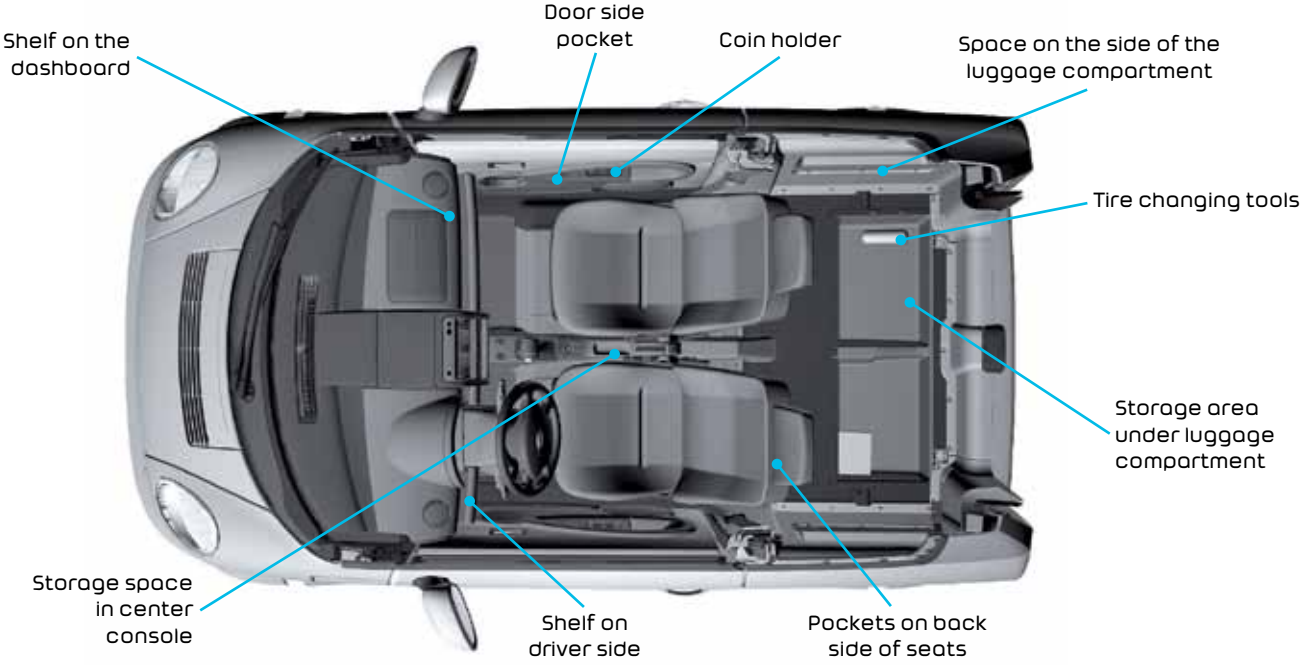
Follow these steps to install a booster seat:

1. Move the seat to the rearmost position.
2. Position the booster seat on the front passenger in a front-facing direction. Always follow the booster seat manufacturer's instructions.
3. Ensure that the seat is stable. If necessary, adjust the head restraint.
4. Position the lap portion of the safety belt low and snug on the child's hips.
5. Pull the shoulder belt portion of the safety belt toward the retractor to take up extra slack.
6. Ensure the shoulder belt is positioned across the top, middle portion of the child's shoulder.
7. Insert the tongue of the belt securely into the buckle. Follow the warnings, cautions and instructions for properly fastening a safety belt shown in the Safety Belts section on page 4-15.

Luggage Compartment and Storage

Loading and inadequate stowing/securing of cargo can compromise the safety of the vehicle and its stability.
The cargo and its placement affect the driving performance of the THINK City. Proper weight placement and a low gravity point make for a stable vehicle and reduces the risk of fishtailing. Never exceed the weight limit stated on the label inside the driver door jam.

Never let objects lie loose and unsecured in the vehicle. If a sudden stop is made or if there is a collision, these objects can fly through the air and injure both driver and passenger. Always place the heaviest objects on the floor and up against the seat backs so they cannot move around. A bag weighing 40 lb will equal a colliding weight of 2,000 lb in a 31 mph collision.



Driving with Roof Racks and Ski Box

Roof racks will increase the vehicle's wind resistance and shorten the driving distance. Always remove the roof racks when not needed.

Use only roof racks and ski box that are designed for THINK City. Check with your dealer. Maximum weight is 110 lb. Cargo should not be placed directly on the roof.

Place the heaviest objects on the bottom of the ski box. This will help to lessen the effect on driving performance.

Spread the cargo evenly so the weight is divided equally. Items inside the box must also be secured to avoid shifting.

Check that the roof racks are properly mounted. Follow the manufacturer's instructions carefully or contact your dealer for assistance.

Break-ins and theft

Remove all valuables that are visible when you leave the vehicle. If the radio has a detachable front panel, take it out.

Avoiding Roll Over

⚠ WARNING

Safety belts help reduce the risk of injury in collisions and rollovers. In a rollover crash, an unbelted or improperly belted person is significantly more likely to be injured or killed than a person properly wearing a safety belt.

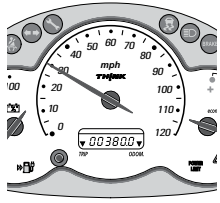
Your Think City vehicle was designed to have a low center of gravity reducing the chances of vehicle rollover. However, as with any vehicle, loss of control could result in a collision with other vehicles or objects and cause the vehicle to roll over, particularly if the loss of control causes the vehicle to slide sideways. Be attentive at all times, and avoid driving when tired. Never drive when under the influence of alcohol or drugs (including prescription or over-the-counter drugs which may cause drowsiness). Always wear your safety belt as outlined in the Safety Belts section of this manual, and also instruct your passengers to do so.

Driving in Water

To avoid hydroplaning, which can make steering of the vehicle unstable, do not drive fast through deep water. After driving through puddles, check your brakes – wet brakes are less effective than when dry.

Driving on Snow and Ice

- Reduce your speed and allow for increased safe distances when driving on snow and ice. Avoid fast acceleration, hard braking and sharp turns as much as possible.
- Use good quality snow tires on all 4 wheels with sufficient tread, or studded tires as needed.
- Use the same type and size of snow tires on all 4 wheels; do not mix different brands and tread.
- Studded tires should be "driven in" carefully the first 300-400 miles to assure the studs are worked well into the rubber.
- The regenerative brakes and ABS brakes communicate such that if the ABS brakes are applied, the regenerative braking function disengages.
- Use of snow chains is only possible when using tires that are 165/65 R14 on steel rims (if equipped).



- Snow chains should only be used on the front wheels; make sure that no part of the chain sticks out or is loose which could damage the brakes, shock absorbers or other parts of the vehicle.
- Never drive faster than 30 mph with snow chains.
- Do not drive with snow chains on bare ground. This puts heavy wear on the chains, tires and vehicle.
- Consult your dealer for advice on purchasing snow chains for your vehicle.

⚠ CAUTION

THINK City is not designed to pull a trailer or other vehicles.

Towing

Contact a towing company if you need to have your vehicle towed. Perhaps you have an insurance or emergency road service to contact.

When towing a THINK City:

- Gear selector in N (NEUTRAL) – turn the ignition key “OFF”. Do not take the key out!
- Remember that the brakes need more force to work when the power is off.

Towing hook in the front

Recommended towing options:

- Transporting the vehicle on a flatbed.
- Towing on a ramp with front wheels raised.
- If rear wheels are raised, the front wheels must be on a dolly to avoid damage to the transmission (front wheels must not rotate).

Wheels and Tires

Tire repair kit.
Read the instructions
on the canister.

Flat Tire

⚠ CAUTION

The tire repair kit is only a temporary fix. Change the tire or have it repaired immediately at the vehicle or tire dealer.

- If you have a flat tire, brake carefully and slow down – find a safe place away from traffic at which to stop.
- Turn on the emergency hazard lights!
- Wear a reflective safety vest!
- Put the emergency warning triangle on the road.
- THINK City does not have a spare tire and jack – it has a tire repair kit in the luggage compartment where the warning triangle is found. Read the directions.
- Do not use a tire repair kit from another vehicle.

When you are driving with a temporarily repaired tire, remember:

- Never drive over 50 mph; stay at the lowest speed possible.
- Have as little extra weight in the vehicle as possible and never more than the load limit stated on the tire label on the driver side door jam.
- Drive only as far as you have to get a permanent repair.
- Do not drive with more than one temporarily repaired tire at a time.
- Be sure to purchase a replacement repair kit at a THINK NA dealer.

See tire manual for additional information.

Changing a Wheel

⚠ WARNING

Ensure that the jack is positioned such that it rests under the structural components of the vehicle and not on the battery compartment.

⚠ CAUTION

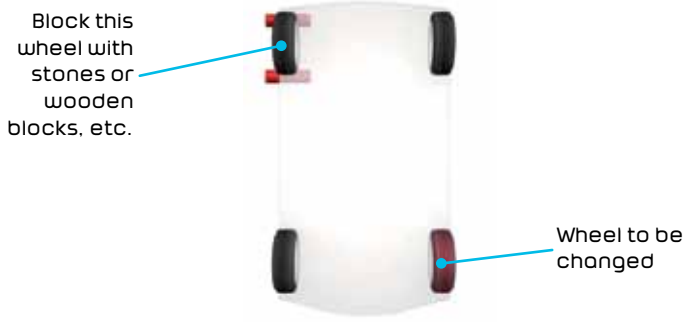
Do not start the motor while the vehicle is raised on the jack. Stay clear of the under part of the vehicle when it is jacked up (do not put arms, feet, legs under the vehicle).

You will need a jack (preferably a heavy-duty 1-ton jack) to change a wheel.

Before the vehicle is jacked up, check the following:

1. Park on an even surface such as asphalt.
2. Pull up the parking brake.
3. If in a heavily congested traffic area, put the warning triangle out and turn on the emergency flashers.

4. Put the gear selector in P, turn the ignition key to off "O" and block the wheel that is diagonally across on the opposite side of the vehicle in relation to the wheel you are changing (see illustration).



1. Remove the lug nut cover and hub cap/wheel cover.
2. Loosen all lug nuts a half turn (just loosen, do not unscrew).
3. Place the jack under the chassis jacking point. Jack it up carefully and check that the chassis is being lifted up.
4. Check that the jack is stable and that the jack is positioned at the jacking point.
5. Jack up until the wheel clears the ground; make sure the vehicle is still stable.
6. Unscrew the lug nuts and remove the wheel. Put the new wheel on and tighten the lug nuts.
7. Tighten the lug nuts diagonally across from each other, one pair at a time, so that the wheel sits tightly against the mounting surface.
8. Let the vehicle down and tighten all the lug nuts. Remove the wheel blocks.

Tire Pressure Monitoring System (TPMS)

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label on the driver side door jamb. (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.)

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure telltale lamp when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale lamp illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure.

Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale lamp.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale lamp. When the system detects a malfunction, the telltale lamp will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale lamp after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

TPMS Set

NOTE: After changing tires, it is necessary for the system to re-learn the sensor ID´s in each wheel. THINK recommends that this operation is performed after conducting any work that involves removing one or more wheels from the vehicle.

NOTE: Any wheel fitted to the vehicle must be fitted with the correct sensor for the THINK TPMS. If uncertain, contact your dealer for assistance.

To set your TPMS:

1. Make sure that you have the correct pressure in all 4 tires. The front tires should be inflated to 36 psi (2.5 bar) and rear tires inflated to 43 psi (3.0 bar). Tire pressure should always be checked on cold tires and with an accurate pressure gage. Performing a TPMS Set sequence with incorrect tire pressures may prevent the TPMS from functioning correctly and not indicating low tire pressure or system malfunction.
2. Turn the ignition on and make sure that the vehicle is in "Run mode" by checking that the green vehicle telltale lamp on the center stack is illuminated.
3. Press the TPMS Set button for between 3 to 6 seconds, until the TPMS telltale lamp starts flashing rapidly and a beep noise is heard. If the vehicle is turned off before this sequence is complete, the system will indicate a malfunction when the vehicle is started up again and the TPMS telltale lamp will flash for about 1 minute and then remain illuminated. If this happens, start over from Step 2.
4. Drive the vehicle for up to 10 minutes above 15 mph (25 km/h) until the TPMS telltale lamp stops flashing and a beep noise is heard from the vehicle. If the speed is reduced below 15 mph (25 km/h), the learn process will pause. The process will resume when the speed is above 15 mph again. Increasing the speed above 15 mph has no effect on the time the TPMS set process will take.
5. When the TPMS telltale lamp has stopped flashing, the learn process is complete and the system is fully operational.

TPMS set (under the plastic panel)

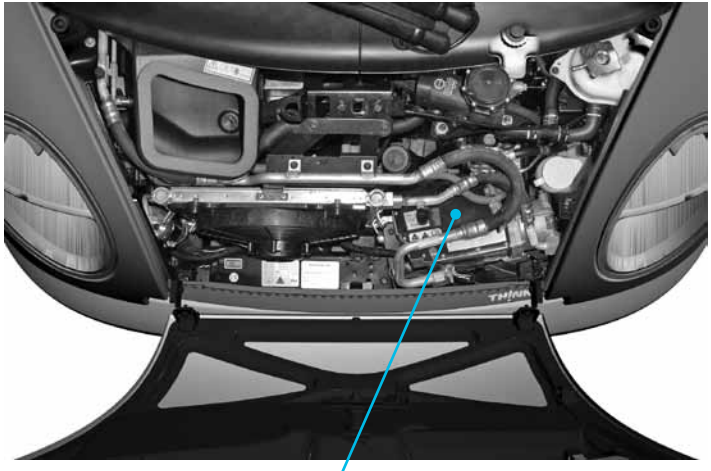
Jump Start

⚠ WARNING

The 12V auxiliary battery contains sulfuric acid. If exposed, rinse thoroughly with water and contact a doctor.
The battery has gaseous vapors which can explode when ignited by flames, sparks or cigarettes.

⚠ CAUTION

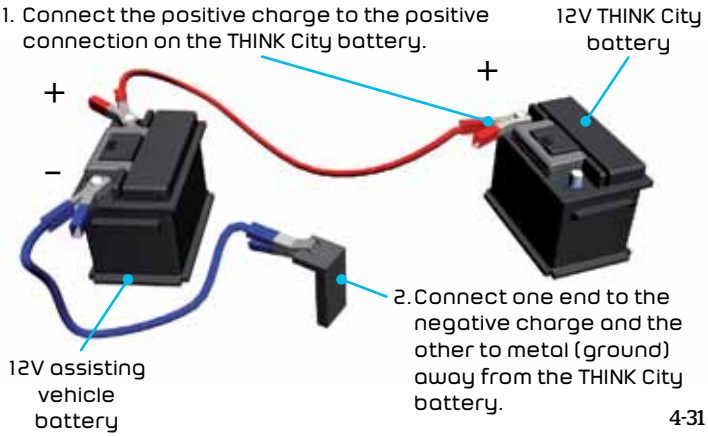
Do not try to push-start your THINK City if the auxiliary battery is depleted. An electric vehicle cannot be started this way.



The 12V auxiliary battery has much the same function as in a regular vehicle; the battery can be depleted if the vehicle's lights are left on. The 12V auxiliary battery and the traction battery are two separate units so that the auxiliary battery can be dead while the traction battery is fully charged. At the same time, it does not help to charge the 12V auxiliary battery if the traction battery is completely discharged.

Prior to using the jumper cables:

- Be sure that the jumper cables are long enough to reach from battery to battery.
- Check that the ventilation caps are secure.
- Put the assisting vehicle in NEUTRAL and engage the parking brake.
- Turn off all electric features on THINK City and put the gear in P (PARK), pull the handbrake and turn ignition key to off "O".



In order for THINK City's warranty to be valid, it is important to follow the recommendations in this *User Manual*, and that all service repairs are made at an authorized dealer or workshop according to the specified mileage or intervals listed in the *Service and Warranty Manual*.
If you experience problems with the vehicle, contact the dealership immediately. We recommend the dealership for all repairs. You are guaranteed original replacement parts and that the repairs are made by trained mechanics. This will ensure that your vehicle is maintained properly and kept in good running condition.

5. Service and Maintenance

Table of Contents

General Maintenance

This section provides information on those service and maintenance items you can do yourself and items your dealer should take care of. What the dealer takes care of is also described in the *Service and Warranty Manual*.

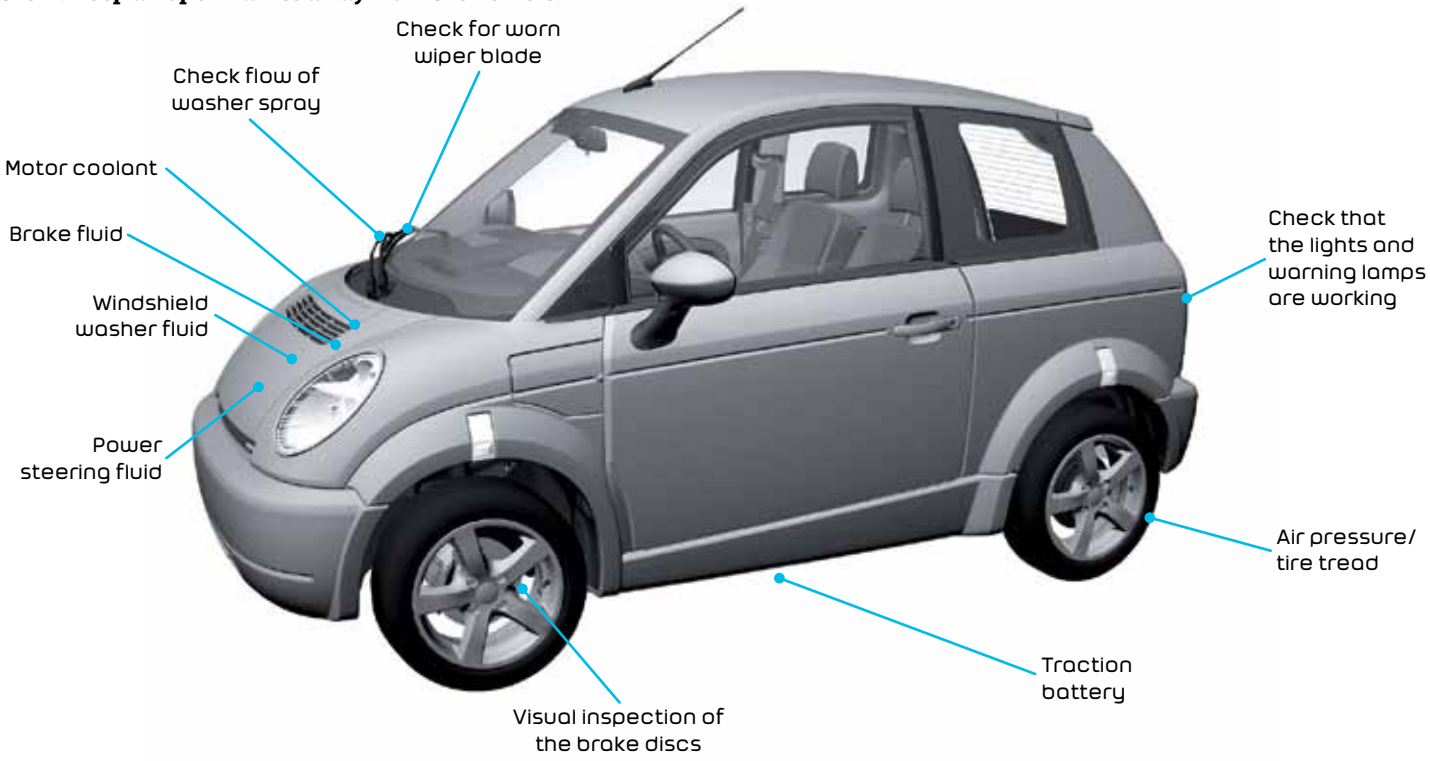
Maintenance that you can do yourself:

- General safety rules
- Clean the vehicle inside and out
- Clean the motor compartment and parts
- Refill windshield washer fluid and motor coolant
- Check power steering fluid
- Maintenance of the 12V battery
- Change light bulbs
- Change battery in the key fob

⚠ WARNING

Remember to turn off the motor before checking motor fluids/ parts. Let the motor and gears cool down before working on them. Keep all open flames away from the vehicle.

For every 600 miles/once a month, check the following and refill if necessary (see pages 5-9, 5-11):



Washing and Cleaning

⚠ CAUTION

- **Remove the charge cable before washing the vehicle.**
- **THINK City should not be polished! Wax and soaps with abrasives can damage the surface.**
- **Do not use strong soap or household detergents and solvents; this can cause discoloration.**

General Guidelines for Washing/Cleaning

It is important to clean the vehicle regularly, especially in winter climates. Bird droppings and insects can damage the body if not removed immediately. Dirt and salt spray should also be removed as quickly as possible to avoid damage.

THINK City has a dyed-throughout plastic body. Wash with pH-neutral vehicle shampoo in cool or lukewarm water. Rinse with clean water and dry with a clean chamois or towel. Do not wash the vehicle in direct sunlight or when the body is hot as this can cause discoloration. Regular vehicle cleaner can be used on the THINK City. For resistant stains, special degrease detergents for vehicles can be used.

Washing in Car Washes

⚠ CAUTION

Do not use car washes that use acid in the detergent. Some car washes, especially brushless ones, use some acid for cleaning. The acid may react with some plastic vehicle components, causing them to crack. This could affect their appearance, and also could cause them to not function properly. Always check with your car wash to confirm that acid is not used.

THINK City can be washed in commercial car washes. Remove the antenna and luggage racks beforehand.

Washing the Motor Compartment

Under normal operation, the motor compartment does not require any cleaning. However, if cleaning is required, the vehicle must be turned off and the charger cable must be disconnected. Allow sufficient time for the motor and gear box to cool down before spraying with water. Do not spray directly on electronic connections and controls.

Wipe the instrument panel with a damp cloth. Dry off with a clean, dry cloth.

Use glass cleaner to wash the windows. Windshield washer fluid can also be used.

The safety belts should be checked regularly for worn or damaged areas.

Washing the Wheels, Rims and Wheel Covers

Wash the wheels regularly with a sponge dampened in a mild soap solution, especially during winter months in areas where road salt is used. If not removed, road salt can discolor the wheels.

⚠ CAUTION

To avoid staining or discoloring the wheels, follow the recommendations below:

- **Do not use a cleaner that uses strong acid or alkali contents to clean the wheels.**
- **Do not apply wheel cleaners to the wheels when they are hot. The wheel temperature should be the same as ambient temperature.**
- **Rinse the wheel to completely remove the cleaner within 15 minutes after the cleaner is applied.**

Interior Wash

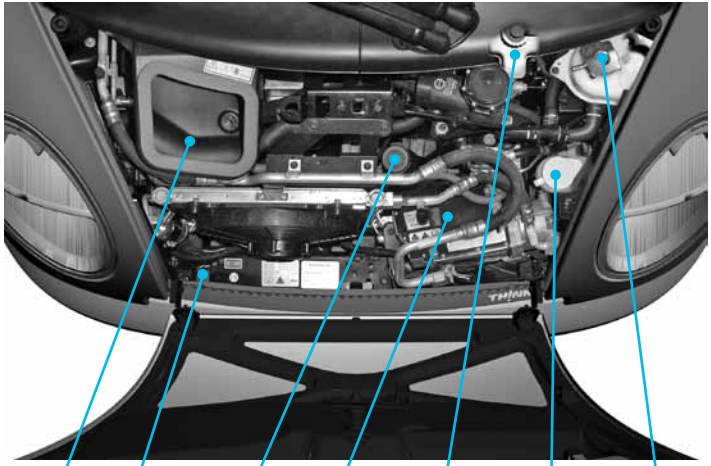
Vacuum the seats and carpeting. Remove spots with appropriate cleaner.

Washing the Underbody

Do not spray directly on the battery case. The underside should be flushed during the regular wash, especially under the fenders.

The Motor Compartment – Opening/Closing

The hood must be opened to check/refill motor coolant, brake fluid, power steering fluid and windshield washer fluid. Turn off the motor and set the parking brake before opening the hood. Pull the hood release handle under the instrument panel. This will release the hood latch. Lift the hood and support it with the hood support strut.
Be sure the motor and gears are cool before touching any areas of the motor.



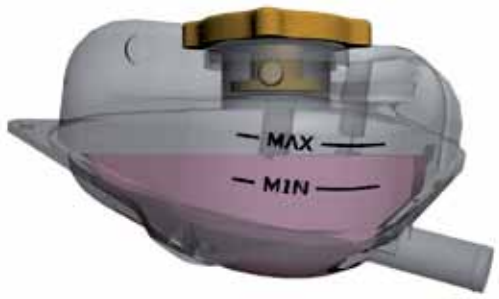

Handle to release the hood.

To close the hood, put the hood support strut back into the clamp, let the hood down and make sure it is locked (you should hear a click when it is locked in place).

Motor Coolant – Checking and Refilling

⚠ WARNING

The cooling system is pressurized - do not remove the lid on the radiator with the motor running or if the motor is hot. Pressure in the cooling system can cause injury as steam/ scalding water can spray out when the lid is opened.



Coolant reservoir

The level of the coolant can be read without removing the lid. If the level is lower than the minimum range line, add more coolant.

The coolant must be a 50/50 mixture of distilled water and coolant. The level in the coolant reservoir should be measured when the motor is cold. (A lesser concentrate of coolant and pure water can be used, but contact your dealer immediately for draining and refilling with the correct concentration.)

A 50% concentration of coolant will protect the motor at temperatures down to -34º F. It also prevents corrosion damage to the motor and cooling system.

If the cooling system repeatedly needs filling, there may be a problem; contact your dealer.

THINK City comes from the factory with prediluted All Vehicle 50/50 antifreeze/coolant from Prime®. Refill with the same brand.

To refill the coolant:

1. Turn off the motor and let it cool down.
2. Place a piece of thick cloth over the coolant reservoir cap and turn carefully counterclockwise (left). Carefully release the steam and pressure before opening all the way.
3. When the pressure is fully released, unscrew the cap using the cloth since steam and heat can still spray out.
4. Fill the reservoir slowly with the correct mixture (50/50) up to the MAX line.
5. Screw the lid tight to prevent fluid leaking out.

If you are uncertain if the coolant mixture is the right concentration, it can be measured with a coolant gauge; contact your dealer.

⚠ CAUTION

THINK City is not designed for temperatures under -13ºF. See also Chapter 6 "Specifications and Technical Data".

Cooling System's Safety System and Switches

Safety Mode For the Cooling System

The cooling system ensures the correct running temperature for vital components (motor and drive controller). If there is too little coolant in the system, or the system overheats due to other factors, the safety mode will be activated to prevent damage to the components.
Should this happen, the "POWER LIMIT" warning will illuminate. The vehicle can still be driven but will have limited power.

⚠ WARNING

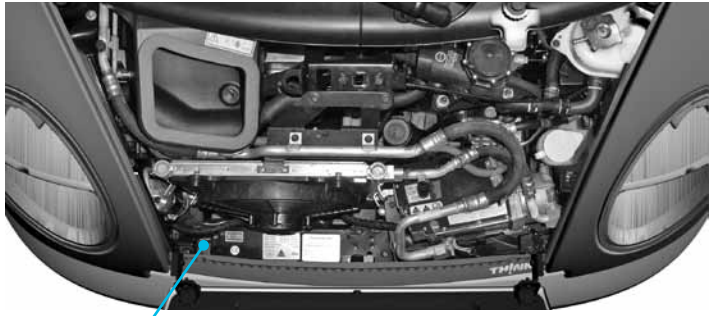
If the vehicle is driven when overheated, the temperature can increase even more and cause the drive system to turn itself off. This means that steering and braking will be much heavier and harder to use.

Stop the vehicle and turn off the motor. Check the coolant level in the cooling system, refill if necessary. If the level is OK, let the vehicle cool down and then start up. If it overheats again, take it to your dealer to be checked.

Inertia Sensor

THINK City has an inertia sensor in the motor compartment. This will cut the power to the traction battery in a collision, or a powerful mechanical shock resulting from running into a curb or similar object.

If the inertia sensor has been activated:
If the vehicle is not too damaged and can be driven safely, the inertia sensor can be re-set by pushing the red button.



Brake Fluid, Power Steering and Windshield Washer Fluid

Brake fluid reservoir

Checking and Refilling the Brake Fluid

If the brake fluid level is low, fill with brake fluid type DOT 4 to the MAX line (do not fill over this level).

To refill:

1. Clean the lid and surrounding area.
2. Check that water/pollutants do not get into the reservoir.
3. Refill with the recommended brake fluid to the MAX level.
4. Screw the cap tightly and wipe the area clean.

⚠ WARNING

Note! Brake fluid is toxic!
Use only brake fluid type DOT 4. Use only brake fluid from an unopened and sealed container/bottle.

Checking and Refilling the Power Steering Fluid

Check the power steering fluid level regularly. Refer to the *Service and Warranty Manual* for information regarding recommended service intervals.

Power steering fluid reservoir

Refilling Windshield Washer Fluid

Refill as needed. Use pre-blended washer fluid that withstands freezing temperatures. In extremely cold climates/conditions, do not fill the reservoir to the top.

Windshield washer fluid reservoir

12V Battery

⚠ WARNING

- **A 12V battery contains sulfuric acid so be sure to protect skin, eyes and clothes.**
- **If battery acid comes in contact with your skin or eyes, flush immediately with water for at least 15 minutes and seek medical attention.**
- **The battery can produce flammable gases. Do not allow flames or sparks to come near the battery and make sure there is sufficient ventilation.**

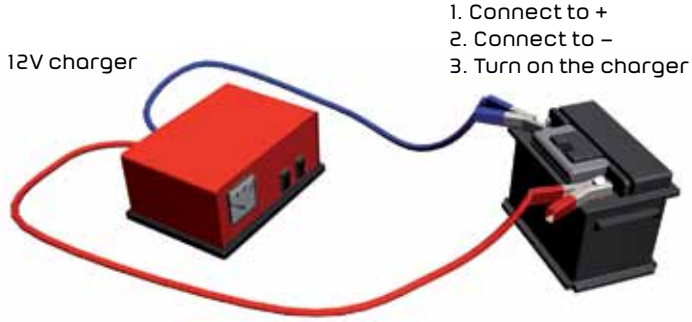
THINK City comes with a maintenance-free 12V battery.
A few simple guidelines will help increase the battery's lifetime.

- Keep the top of the battery clean; wipe with a dry cloth.
- Make sure the battery cables are fastened securely to the battery terminals.

Remember that the vehicle uses power even when not in use so it will gradually lose charge. After 30 days without being driven, the battery will have a capacity of approximately 20%.
Leakage from the battery will damage the vehicle's surface. Rinse well with water and wipe clean.
Take used batteries to an approved recycling center or battery sales store. Contact local authorities for more information.
Battery terminals, posts and related accessories contain lead; wash hands after handling the battery.
NOTE: The battery can be charged with an external battery charger.

Charging the Battery

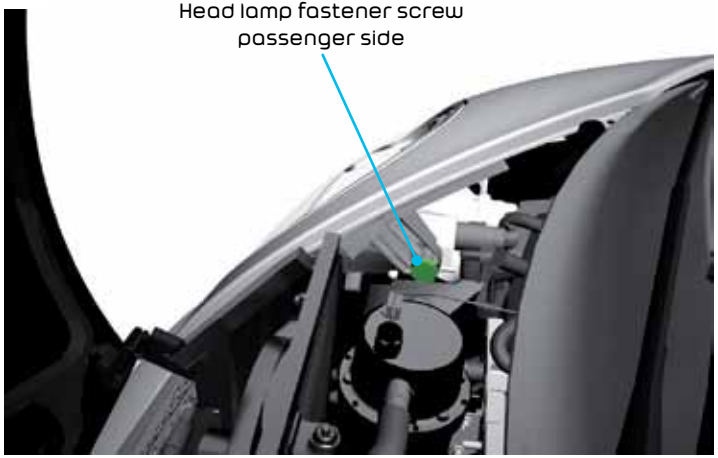
Must be done in a well-vented area. See the *Battery Manual*.



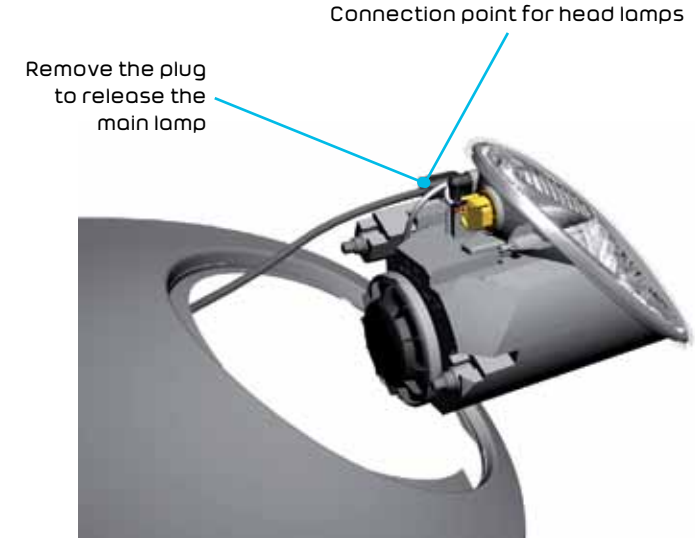
Changing Light Bulbs in Front Head Lamp

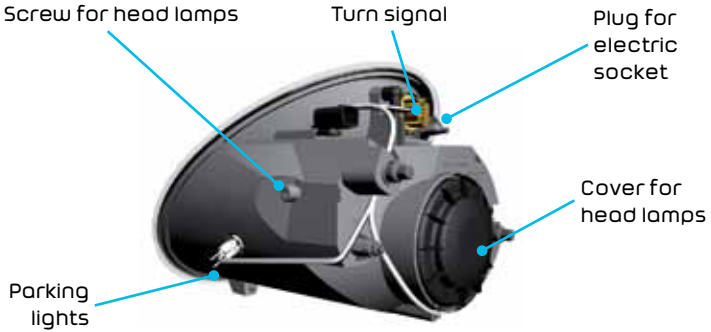
⚠ CAUTION

- **Do not remove bulbs if they are not going to be replaced immediately. Lamp assemblies without bulbs can allow dirt to build up on the reflectors and reduce brightness.**
- **Bulb and bulb sockets can be very hot. Allow the lamp to cool down before changing a bulb. Otherwise you could be burned if you touch them.**
- **Keep bulbs out of the reach of children. Wear eye and hand protection.**



To change a bulb in the main head lamp, you must unplug it from the motor compartment. Unscrew the fastener screw and pull the lamp outward.



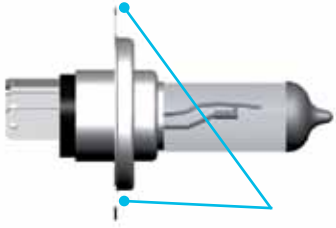


Changing the Main Head Lamps Bulb (Halogen)

1. Unscrew the cover for the head lamp.

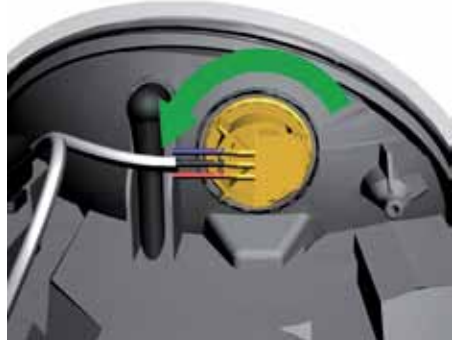
2. Disconnect the electrical connector from the bulb.

3. Turn the bulb holder slightly counter-clockwise and pull out the complete bulb holder. Take out the main bulb from the holder and insert the new one. Remember not to touch the new halogen bulb, use gloves or a clean cloth.



4. Make sure the guide pins are fed into the holder correctly. Replace the bulb holder in the head lamp in reverse order. Remember to screw the cover back on. Note that the wires to the lamp are on the inside of the rubber gasket.

Changing Turn Signal Bulb



1. To loosen the turn signal holder, turn counterclockwise and take out the holder and bulb.

2. Twist the bulb counterclockwise while pushing in slightly and pull straight out; replace the bulb and install in reverse order.

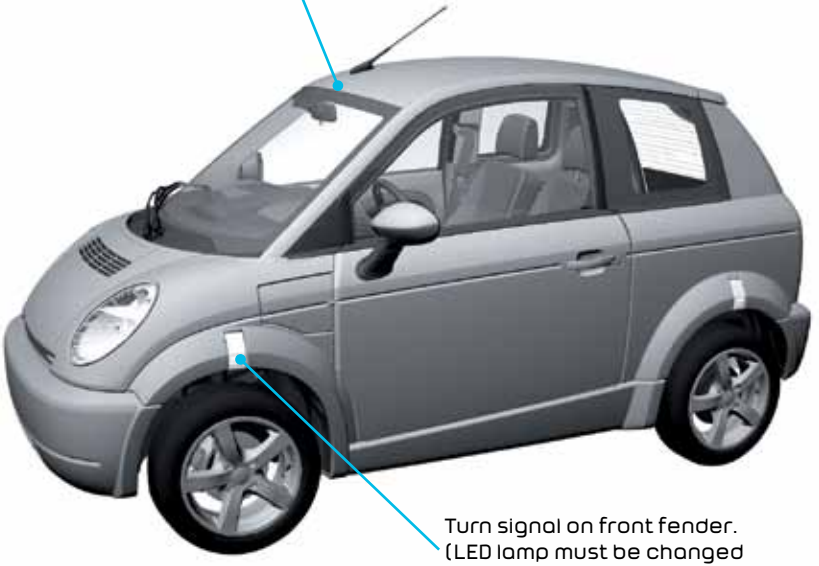
Changing the Parking Light Bulb

1. To loosen the parking lights holder, twist counterclockwise and pull out the holder and bulb.

2. Pull out the bulb, insert a new one and insert it back into the main head lamp.

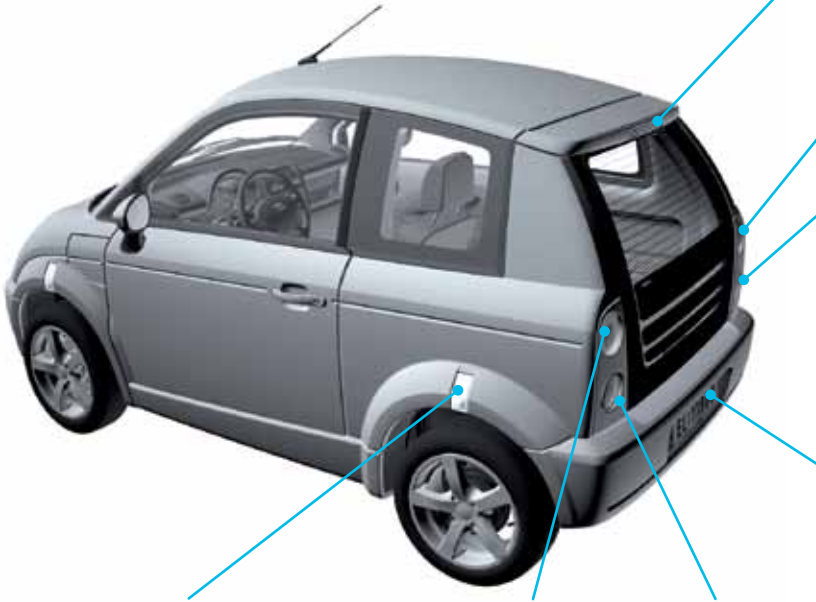
Changing the Dome Light Bulb

Turn the dome light off (with switch in center/off position). Pry out the bulb using a flat screwdriver at the side opposite the switch. Change the bulb and press the light back into place.



Turn signal on front fender. (LED lamp must be changed by your dealer.)

Changing the Rear Light Bulbs



High-mounted brake light

Loosen screws to access the bulbs

Take out the bad bulb, insert a new one (check that it works) and screw the cover back in place.

Turn signal/ reverse lamp

Brake light/ tail light/reflector

License plate light
Use a small, flat screwdriver to pry open the cover. Push in on lock on right side. Loosen the bulb by turning a half turn counterclockwise. Insert new bulb in reverse order.

Rear reflector (no bulb)

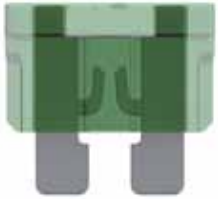
Turn signal/ reverse lamp

Brake light/ tail light/ reflector

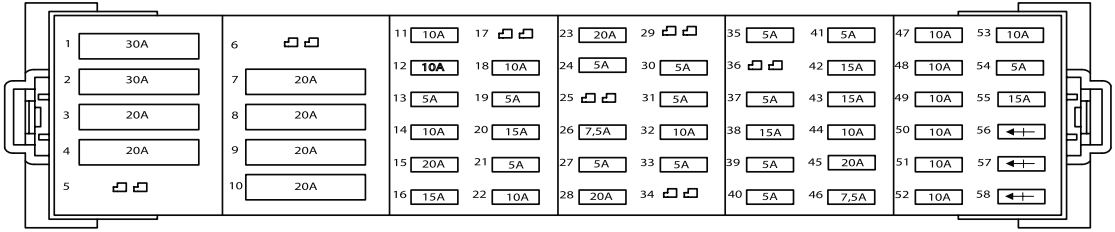
Fuses

Fuse intact

Fuse blown



If one of the electrical components in the vehicle does not work, it may be a blown fuse. Fuses must be replaced with the same amperage. Using the wrong fuse can cause damage. If a fuse blows repeatedly, it means there is a problem in the electrical components and your dealer must check the system.



Overview of fuses with reference to the list on page 5 - 18.

No.	Fuse type	Amp	Component
1	Maxi	30	Main fuse to motor switch
2	Maxi	30	ABS pump motor
3	Maxi	20	ABS valve control
4	Maxi	20	Rear defroster
5			Not in use (reserve)
6			Not in use (reserve)
7	Maxi	20	Interior fan 25A with A/C (extra)
8	Maxi	20	Windshield wiper motor setting 1 and washer pump
9	Maxi	20	Electric windows
10	Maxi	20	A/C condensation fan (extra)
11	Mini	10	Brake light switch (pedal switch)
12	Mini	10	Vacuum pump for power brake
13	Mini	10	Water pump in cooling system
14	Mini	10	License plate light, parking light, rear daytime driving lamps, lights on alarm
15	Mini	20	Power door locks (GEM)
16	Mini	15	Turn signal (GEM)
17			Not in use (reserve)
18	Mini	10	BMS unit
19	Mini	5	Diagnostics contact, climate control (CDCM)
20	Mini	15	Radio pin A-4
21	Mini	5	VCU
22	Mini	10	Safety restraint system (air bag control module)
23	Mini	20	Radiator fan 2
24	Mini	5	Electric heated mirrors
25			Not in use (reserve)
26	Mini	7.5	Not in use (reserve)
27	Mini	5	Water pump, heating passenger comp.
28	Mini	20	Radiator fan 1
29			Not in use (reserve)
30	Mini	5	Brake pedal signal, gear selector-release
31	Mini	5	Radio pin A-7
32	Mini	10	Rear fog lamp switch (if equipped)
33	Mini	5	Electric mirror control current/BMS start
34			Not in use (reserve)
35	Mini	5	Ignition in Drive: PCU, VCU, drive relay Rly6
36			Not in use (reserve)
37	Mini	5	ABS start, interior fan relay and climate control unit (CDCM) start
38	Mini	15	12V outlet passenger compartment
39	Mini	5	Ignition in Drive: indicator lamps, instrument cluster
40	Mini	5	Ignition start signal to PCU
41	Mini	5	Interior lights (via relay Rly 17)
42	Mini	15	Horn (via relay Rly 18)
43	Mini	20	Windshield wiper motor setting 2, interval wiping relay R15
44	Mini	10	Rear backing lights (via relay Rly 22)
45	Mini	20	Front windshield defroster setting 1 (extra)
46	Mini	7.5	Safety circuit for traction power, G-torque limit switch
47	Mini	10	Parking lights, right side (front and back)
48	Mini	10	Parking lights left side (front and back)
49	Mini	10	High beams, right side
50	Mini	10	High beams, left side
51	Mini	10	Low beams, right side
52	Mini	10	Low beams, left side
53	Mini	10	+12V connection point for mounted extra on dashboard
54	Mini	5	Power steering (steering wheel sensor and power steering pump)
55	Mini	15	Sunroof (extra)
Di56	Mini diode		Code diode for radio control (not “power off” at ignition key start) Direction is important!
Di57	Mini diode		Code diode for front daytime driving lamps. Direction is important!
Di58	Mini diode		Code diode for Bi-halogen. Direction is important!

Checking and Changing the Windshield Wiper

If the wiper does not clean properly, try washing the wiper blade and windshield with washer fluid and rinse with clear water. If this does not help, the wiper may be worn and must be replaced.
The wiper can be bought at service stations, auto parts stores and from your THINK NA dealer.

NOTE: The wiper can only be lifted slightly up from the windshield – do not try to bend it out further.

Pull the wiper blade and arm up and away from the glass. Remove the blade and install a new blade (refer to instructions on the package).
Test the wiper before driving.

Adjusting the Wiper Spray Duct

The washer spray duct is located on the wiper arm. This can be adjusted with a needle – stick it into the spray duct and turn to the desired angle. Test that the spray squirts the windshield at the correct spot, remembering that the speed of the vehicle will affect the spray.

Changing the Battery in the Key Fob

1. Use a small screwdriver to separate the remote control from the actual key.
2. The remote control can be opened up by pressing the locking arms carefully away (one on each side).
3. Place the positive (+) side of the battery in the same direction (see diagram on inside of remote control).
4. Put the transmitter together again. It is not necessary to reprogram the transmitter after changing the battery, it should work as before.

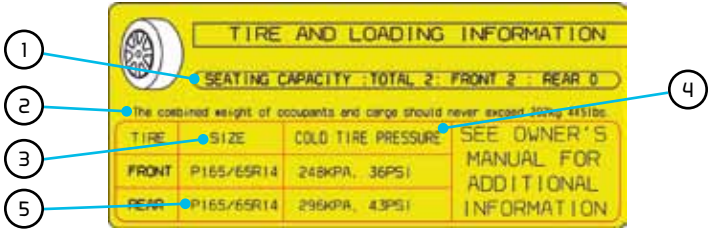
Tires

General Information

THINK City comes with tires designed for low road resistance in order to maximize the driving distance. If you change the tires, be sure new ones have the same specifications. Check that the tires have the legally required tread depth – too little tread increases the chances of hydroplaning under wet conditions. See also specifications and technical information as well as the purchase contract regarding wheels and tires. Be sure that all four tires are the same type and dimension and have the same rating for speed and load. If these precautions are not followed, it can affect/reduce the car's performance, the speedometer's accuracy, safety and braking capacity.

Tire Placard/ Label

The tire information label is located on the on the pillar behind the driver's door.

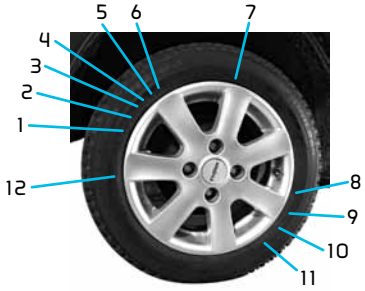


ITEM	DESCRIPTION
1. Seating capacity	The maximum number of occupants that can be seated in the vehicle.
2. Vehicle load limit	See "Vehicle Loading Information" in this section.
3. Original tire size	The size of the tires originally installed on the vehicle at the factory.
4. Cold tire pressure	Inflate the tires to this pressure when the tires are cold. Tires are considered COLD after the vehicle has been parked for 3 or more hours, or driven less than 1 mile (1.6 km) at moderate speeds. The recommended cold tire inflation is set by the manufacturer to provide the best balance of tire wear, vehicle handling, drivability, tire noise, etc., up to the vehicle's gross vehicle weight rating (GVWR).
5. Tire size	Refer to "Tire Marking" section.

⚠ WARNING

Under-inflated tires can cause tire failure and increase the risk of loss of vehicle control and possible injury or death in the event of a collision. Refer to the tire manual for more information on how to measure tire inflation pressure and instructions on proper tire maintenance.

Tire Markings



ITEM	DESCRIPTION
1. Tire width (165)	This three-digit number gives the width in millimeters of the tire from sidewall edge to sidewall edge.
2. Aspect ratio (65)	This two-digit number, known as the aspect ratio, gives the tire's ratio of height to width.
3. Tire construction (R)	"R" denotes the tire has radial structure.
4. Wheel diameter (14)	This two-digit number is the diameter of the wheel rim in inches.
5. Load index (99)	This number is the tire's load index. It is a measurement of how much weight each tire can support. You may not find this information on all tires.
6. Speed rating (T)	The speed rating, when stated, denotes the maximum speed at which the tire can be used. These ratings are listed in the Original Equipment Passenger and Light Truck Tire Owner's Manual and Limited Warranty booklet provided with this manual.

ITEM	DESCRIPTION
7. DOT Tire Identification Number (TIN)	This begins with the letters DOT and indicates that the tire meets all federal standards. Refer to Original Equipment Passenger and Light Truck Tire Owner's Manual and Limited Warranty booklet for more information.
8. Maximum permissible inflation pressure	This number is the greatest amount of air pressure that should be put in the tire. Do not exceed the maximum permissible inflation pressure.
9. Tread wear grade	Tread wear grade: This number indicates the tire's wear rate. The higher the tread wear number is, the longer it should take for the tread to wear down. A tire rated at 400 for example, will last twice as long as a tire rated at 200.
10. Traction grade	This letter indicates a tire's ability to stop on wet pavement. A higher graded tire should allow you to stop your vehicle on wet roads in a shorter distance than a tire with a lower grade. Traction is graded from highest to lowest as AA, A, B and C.
11. Temperature grade	Heat-resistance grading. The tire's resistance to heat is grade A, B or C, with A indicating the greatest resistance to heat. This grading is provided for a correctly inflated tire, which is being used within its speed and loading limits.
12. Tire ply composition and materials	The number of layers or plies of rubber-coated fabric in the tire. Tire manufacturers also must indicate the materials in the tire, which include steel, nylon, polyester and others.

NOTE: For more information regarding tire care, maintenance and safety practices, refer to the *Original Equipment Passenger and Light Truck Tire Owner's Manual and Limited Warranty* booklet provided along with this manual.

Uniform Tire Quality Grading

DOT (Department of Transportation) Quality Grades

All passenger car tires must conform to federal safety requirements in addition to these grades. Quality grades can be found, where applicable, on the tire sidewall between tread shoulder and maximum section width. For example: TREADWEAR 200 TRACTION AA TEMPERATURE A

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. For example, a tire graded 150 would wear one-and-one-half (1-1/2) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

Traction AA, A, B and C

⚠ WARNING

The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning or peak traction characteristics.

The traction grades, from highest to lowest, are AA, A, B and C. Those grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

Temperature A, B and C

⚠ WARNING

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, under-inflation or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

The temperature grades are A (the highest), B and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

Vehicle Loading Information

⚠ WARNING

It is extremely dangerous to ride in a cargo area inside a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed. Do not allow people to ride in any area of your vehicle that is not equipped with seats and safety belts. Be sure everyone in your vehicle is in a seat and using a safety belt properly.

⚠ WARNING

Overloading the vehicle will have an adverse affect on braking and handling characteristics, which could compromise your safety.

Steps for Determining Correct Load Limit

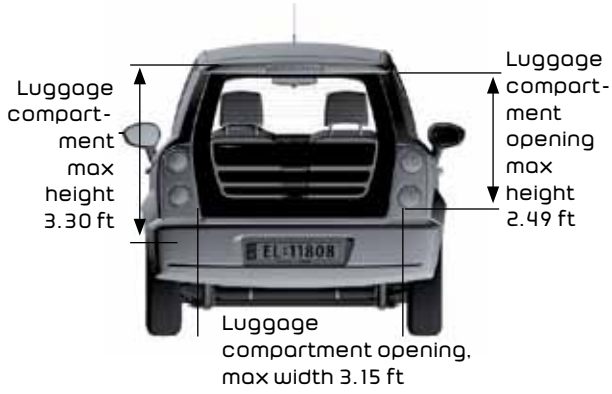
1. Locate the statement "The combined weight of occupants and cargo should never exceed 202 kg or 445 lb" on your vehicle's placard on driver side door jamb.
2. Determine the combined weight of the driver and passengers that will be riding in your vehicle.
3. Subtract the combined weight of the driver and passengers from 202 kg or 445 lb.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if there will be two 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 145 lb (445-300 (2 x 150) = 145 lb).
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.
6. Your vehicle should never be used to tow a trailer.

In this chapter you will find the specifications such as dimensions, weight and identification as well as a basic technical description of the main components in THINK City.

6. Specifications and Technical Data

Table of Contents

Dimensions and Weight



THINK City - 2 seats		
Curb weight:	2,348 lb (1065 kg)	With power assist steering, bi-halogen head lights and power locks.
Vehicle weight incl. driver	2,513 lb (1140 kg)	Weight depends on extra options.
Load capacity incl. passenger	445 lb (202 kg)	
Total weight	2,881 lb (1307 kg)	Refer to labels in the vehicle for exact weight for your vehicle.

Vehicle Identification Number

When contacting the dealership for service and maintenance, repairs and ordering parts, you need to know the make, model and year.

Vehicle identification number (VIN) (visible through front windshield)

Specifications

MOTOR	GEAR BOX AND POWER TRANSMISSION	ELECTRICAL SYSTEM	BRAKES	STEERING
Type: 3-phase electric induction motor	Fixed reduction gear, permanently connected to drive wheels. Ratio 1: 10,15	Secondary Battery: 12V/44Ah Type: VARTA BLUE Dynamic. Part no. 544 402 044 3132	Front disc brakes. Rear drum brakes. Parking brake: Mechanical on back wheels.	Type: Steering rack with power steering
Power: Max power 45.6 hp (34 kW) Max torque 66 lb-ft	Details: Gear box has built-in differential, fixed reduction gear. Autolock on when gear selector is at P (PARK).		Antilock brakes (ABS) with electronic brake distributor. Power brakes with electric pump.	Turning diameter: 29.5 ft
Maintenance: Maintenance free for the lifetime of the vehicle	Maintenance: Follow THINK's service recommendation (see Service and Warranty Manual).	Maintenance: As described in Chapter 5, p. 5-12		Electrohydraulic power steering with fluid reservoir in motor compartment. Fluid does not normally need changing. Oil specification: Pentosin CHF 202

Light Bulbs – Types

Wheel Suspension, Rims and Tires

Wheel Suspension

Front: Independent springs, MacPherson with stabilizer and hydraulic shock absorbers.
Rear: Independent springs, torsion rods, stabilizer and hydraulic shock absorbers.

Wheel Specifications

Front wheel:	
Camber:	0.95° ± 0.5°
Caster: (w/power steering)	3.2° ± 0.5°
Toe-in:	0° ± 0.5°
Rear wheel:	
Camber:	0.95° ± 0.5°
Toe-in:	0.37° ± 0.147°
Track width*:	
Front:	54.6 in.
Rear:	56.3 in.

*Track width applies to standard wheel size (165/65R14 w/0.94 in. offset)

Rims and Tires

The minimum requirement for tread depth is 0.060 in.
It is recommended to change the tires when the tread depth is less than 0.120 in. because of the danger of hydroplaning.
For snow tires, the requirement is 0.118 in. tread depth.

Standard wheels:		
Tire dimension:		165/65R14
Rims:		5.5x14 in. steel
	offset	0.94 in.
	bolt circle	4 in.
	center hole	2.56 in.
Aluminium rims (optional)		
Tire dimension:		165/65R14
Rims:		6x14 in. aluminum
	offset	0.94 in.
	bolt circle	4 in.
	center hole	2.56 in.

Technical Data/Recycling

Air Pressure

Air pressure front:	36 psi
Air pressure rear:	43 psi

Note that the air pressure should be checked when the tires are cold.

Body and Frame

No. of doors:	3 including rear hatch
Body:	Dyed-throughout ABS-plastic coated with ASA-plastic for UV-protection
Doors:	Pressed steel with high-strength steel reinforcements inside
Bumpers:	Polypropylene-plastic
Under frame:	High-strength steel (XF350)
Over frame:	Extruded and welded aluminium (600X)

Oils, Fluids and Lubricants

	Capacity	Recommended product
Brake fluid:	15.2 oz (0.45 L)	DOT 4
Coolant, motor/heater:	4.43 qt (4.2 L)	Prime® All Vehicle prediluted 50/50 antifreeze/coolant
Oil, power steering:	30.43 oz (0.9 L)	Pentosin CHF 202
Windshield washer fluid:	3.90 qt (3.7 L)	Windshield washer fluid

In this chapter you will find contact information for reporting safety defects.

7. Reporting Safety Defects

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Reporting Safety Defects

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying THINK NORTH AMERICA, INC.

If the NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or THINK NORTH AMERICA, INC.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to www.safercar.gov; or write to: Administrator, NHTSA, 1200 New Jersey Ave. SE, Washington, DC 20590.

You can also obtain other information about motor vehicle safety from www.safercar.gov.

8. Index

Distributor:

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