







Quick Guide

This Quick Guide is provided as a simple explanation of how to operate some of the features equipped on your CX-5.

	Essential Safety Equipment	1
	Before Driving	2
	When Driving	5
	Interior Features	24
	Maintenance and Care	25
	If Trouble Arises	26

The meaning for each of the symbols used in the Quick Guide is as follows:



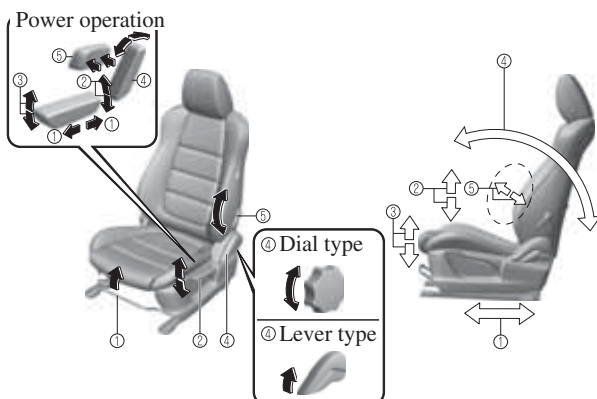
Detailed explanation pertaining to some information.

Essential Safety Equipment

Seat Operation

The following seat adjustment functions for the manual and power seats are available.

- ① Seat Slide
- ② Height Adjustment
- ③ Front Height Adjustment of Seat Bottom (Driver's Seat)
- ④ Seat Recline
- ⑤ Lumbar Support Adjustment (Driver's Seat)

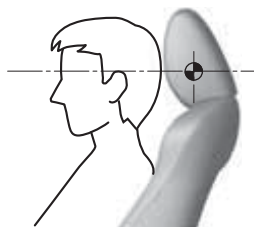


Head Restraints

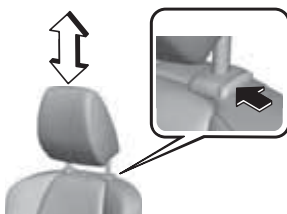
To raise a head restraint, pull it up to the desired position.

To lower the head restraint, press the stop-catch release, then push the head restraint down.

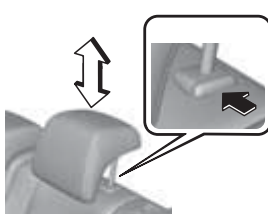
Adjust the head restraint so that the centre is even with the top of the passenger's ears.



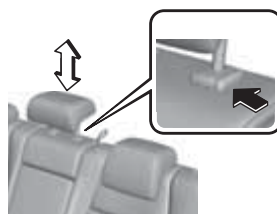
Front outboard seat



Rear outboard seat



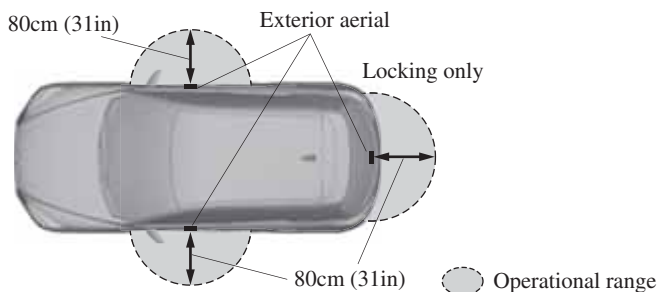
Rear centre seat



Before Driving

Operational Range

The advanced keyless system operates only when the driver is in the vehicle or within operational range while the key is being carried.

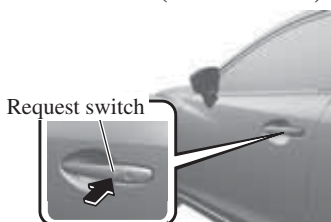


Locking, Unlocking with Request Switch

All doors and the liftgate can be locked/unlocked by pressing the request switch on the front doors while the key is being carried.

The request switch on the liftgate can only be used to lock all doors and the liftgate.

Front doors (Lock/Unlock)

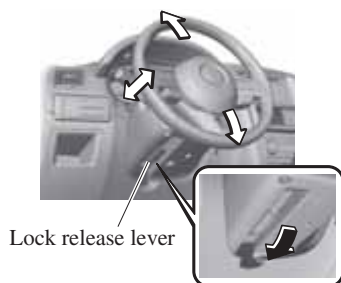


Liftgate (Lock only)



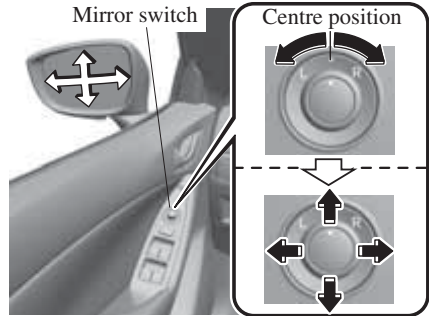
Steering Wheel Adjustment

1. Stop the vehicle, and then pull down the lock release lever under the steering column.
2. Tilt the steering wheel and/or adjust the steering column length to the desired positions, and then push the lever up to lock the column.
3. Attempt to push the steering wheel up and down to make sure it's locked before driving.



Outside Mirrors

1. Rotate the mirror switch to the left or right to choose the left or right side mirror.
2. Press the mirror switch in the appropriate direction.

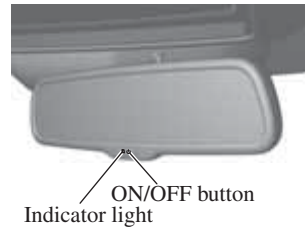


Rearview Mirror

Auto-dimming mirror

The auto-dimming mirror automatically reduces glare of headlights from cars at the rear when the ignition is switched ON.

Press the ON/OFF button to cancel the automatic dimming function. The indicator light will turn off. To reactivate the automatic dimming function, press the ON/OFF button. The indicator light will illuminate.



Operation of the Power Windows

Each passenger window can also be operated using the master control switches on the driver's door.

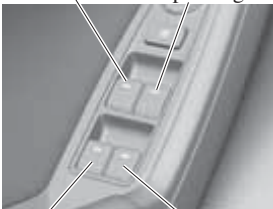
To open the window to the desired position, lightly hold down the switch.

To close the window to the desired position, lightly pull up the switch.

Master control switches

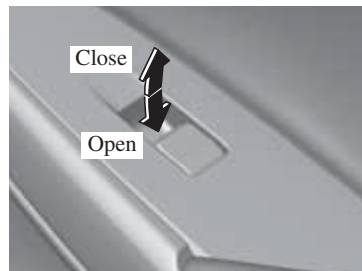
Driver's window

Front passenger's window



Left rear window

Right rear window



Before Driving

Fuel Requirements and Capacities

SKYACTIV-G 2.0, SKYACTIV-G 2.5

Fuel	Research Octane Number	Capacity
Premium unleaded fuel (Conforming to EN 228 and within E10)*1	95 or above	2WD: 56.0 L (14.8 US gal, 12.3 Imp gal) 4WD: 58.0 L (15.3 US gal, 12.8 Imp gal)
Regular unleaded fuel	92 or above	
	90 or above	

*1 Europe

SKYACTIV-D 2.2

Fuel	Capacity
Your Mazda will operate efficiently on diesel fuel with specification EN590 or the equivalent.	2WD: 56.0 L (14.8 US gal, 12.3 Imp gal)
	4WD: 58.0 L (15.3 US gal, 12.8 Imp gal)

When refuelling, always add at least 10 L (2.6 US gal, 2.2 Imp gal) of fuel.

Fuel-Filler Flap and Cap

Fuel-Filler Flap

To open, pull the remote fuel-filler flap release.

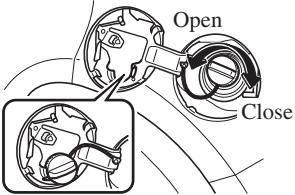
Remote fuel-filler flap release



Fuel-Filler Cap

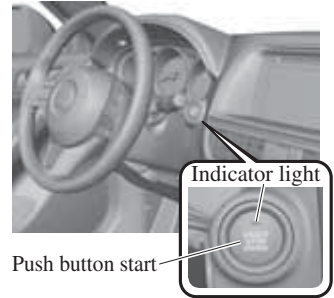
To remove the fuel-filler cap, turn it anticlockwise. Attach the removed cap to the inner side of the fuel flap.

To close the fuel-filler cap, turn it clockwise until a click is heard.



Starting the Engine

1. Make sure the parking brake is on.
2. Continue to press the brake pedal firmly until the engine has completely started.
3. **(Manual transaxle)**
Continue to press the clutch pedal firmly until the engine has completely started.
(Automatic transaxle)
Put the vehicle in park (P). If you must restart the engine while the vehicle is moving, shift into neutral (N).
4. Press the push button start after both the KEY indicator light (green) (if equipped) in the instrument cluster and the push button start indicator light (green) illuminate.



(SKYACTIV-D 2.2)

- The starter does not rotate until the glow indicator light turns off.
- When starting the engine, do not release the clutch pedal (manual transaxle) or the brake pedal (automatic transaxle) until the glow indicator light in the instrument cluster turns off and the engine starts, after pressing the push button start.
- If the clutch pedal (manual transaxle) or the brake pedal (automatic transaxle) is released before the engine starts, depress the clutch pedal (manual transaxle) or the brake pedal (automatic transaxle) again and press the push button start to start the engine.
- If the ignition is left switched ON for a long period of time without the engine running after the glow plugs are warmed up, the glow plugs may warm up again which will illuminate the glow indicator light.



When Driving

Operation of i-stop Function

The i-stop function automatically stops the engine when the vehicle is stopped at a traffic light or stuck in traffic, and then restarts the engine automatically to resume driving. The system provides improved fuel economy, reduced exhaust gas emissions, and eliminates idling noise while the engine is stopped.

Engine idle stopping and restarting

NOTE

- The i-stop indicator light (green) turns on under the following conditions:
 - When engine idling is stopped.
 - **(Except European model)**
Engine idling stop conditions are met while the vehicle is being driven.



- The i-stop indicator light (green) turns off when the engine is restarted.

Manual transaxle

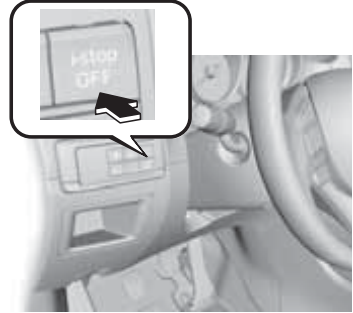
1. Stop the vehicle by depressing the brake pedal and then the clutch pedal.
2. While depressing the clutch pedal, shift the shift lever to the neutral position. Engine idling stops after the clutch pedal is released.
3. The engine restarts automatically when the clutch pedal is depressed.

Automatic transaxle

1. Engine idling stops when the brake pedal is depressed while the vehicle is driven (except for driving in the R or M position second gear fixed mode) and the vehicle is stopped.
2. The engine restarts automatically when the brake pedal is released with the selector lever in the D or M position (not in second gear fixed mode).
3. If the selector lever is in the N or P position, the engine does not restart when the brake pedal is released. The engine restarts when the brake pedal is depressed again or the selector lever is shifted to the D, M (not in second gear fixed mode) or the R position. (For the purposes of safety, always keep the brake pedal depressed when shifting the selector lever while engine idling is stopped.)

i-stop OFF Switch

By pressing the switch until a beep sounds, the i-stop function is turned off and the i-stop warning light (amber) in the instrument cluster turns on. By pressing the switch again until the beep sounds, the i-stop function becomes operational and the i-stop warning light (amber) turns off.



i-stop indicator light (green)/i-stop warning light (amber)

i-stop indicator light (green)

i-stop

- When the engine idling is stopped.
- **(Except European model)**
Engine idling stop conditions are met while the vehicle is being driven.

i-stop warning light (amber)

i-stop

- The light turns on when the ignition is switched ON and turns off when the engine is started.
- The light turns on when the i-stop OFF switch is pressed and the system is turned off.





















































i-stop Warning Beep

If the driver's door is opened while engine idling is stopped, the warning sound operates to notify the driver that engine idling is stopped. It stops when the driver's door is closed.

When Driving

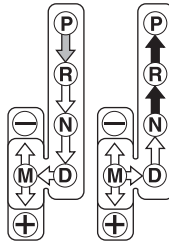
Warning/Indicator Lights

Some of the warning/indicator lights are displayed in the instrument cluster. If a warning/indicator light is displayed in the instrument cluster, verify the meaning of the warning in the Warning (Display Indication) item.




Signal	Warning/Indicator Lights	Signal	Warning/Indicator Lights
1	 Master Warning Light	27	 Tyre Pressure Monitoring System Warning Light
2	 Warning (Display Indication)	28	 KEY Indication
3	 Brake System Warning Light	29	 Adaptive LED Headlights Warning Light (Amber)/Indicator Light (Green)
4	 ABS Warning Light	30	 High Beam Control System (HBC) Warning Light (Amber)/Indicator Light (Green)
5	 Electric Parking Brake Indicator Light	31	 Glow Indicator Light
6	 Electric Parking Brake Warning Light	32	 DPF Diesel Particulate Filter Indication
7	 Charging System Warning Indication/Warning Light	33	 Wrench Indication
8	 Engine Oil Warning Light	34	 Low Ambient Temperature Warning Indication
9	 Check Engine Light	35	 TCS/DSC Indicator Light
10	 High Engine Coolant Temperature Warning Light (Red)	36	 TCS OFF Indicator Light
11	 i-stop Warning Light (Amber)/Indicator Light (Green)	37	 Smart Brake Support/Smart City Brake Support (SBS/SCBS) OFF Indicator Light
12	 Lane-Keep Assist System Indication	38	 Smart City Brake Support (SCBS) Warning Indication
13	 Lane-Keep Assist System OFF Indication	39	 i-ELOOP i-ELOOP Indication
14	 Lane Departure Warning System (LDWS) Indication	40	 Low Engine Coolant Temperature Indicator Light (Blue)
15	 Lane Departure Warning System (LDWS) OFF Indication	41	 Shift Position Indication
16	 4WD 4WD Warning Indication	42	 Headlight High-Beam Indicator Light
17	 AT Automatic Transaxle Warning Indication	43	 Direction indicator/Hazard Warning Indicator Lights
18	 Power Steering Malfunction Indication	44	 Security Indicator Light
19	 Air Bag/Front Seat Belt Pretensioner System Warning Light	45	 Cruise Main Indicator Light (Amber)/Cruise Set Indicator Light (Green)
20	 Low Fuel Warning Light	46	 Mazda Radar Cruise Control (MRCC) Warning Light (Amber)/Indicator Light (Green)
21	 Seat Belt Warning Light	47	 SPORT Select Mode Indication
22	 Door-Ajar Warning Indication	48	 Blind Spot Monitoring (BSM) OFF Indication
23	 Liftgate-Ajar Warning Indication	49	 Lights-On Indicator Light
24	 120 km/h 120 km/h Warning Light	50	 LED Headlight Warning Light
25	 Vehicle Speed Warning Indication	51	 Front Fog Light Indicator Light
26	 Low Washer Fluid Level Warning Indication	52	 Rear Fog Light Indicator Light



Automatic Transaxle Controls



Various Lockouts:

	Indicates that you must depress the brake pedal and hold in the lock-release button to shift (The ignition must be switched ON).
	Indicates the selector lever can be shifted freely into any position.
	Indicates that you must hold in the lock-release button to shift.

Drive Selection

Drive selection is a system to switch the vehicle's drive mode. When the sport mode is selected, vehicle's response against accelerator operation is enhanced. Use the sport mode when higher vehicle response is required such as merging onto expressway or accelerating to overtake.

Drive Selection Switch

1. Press the drive selection switch to the **SPORT** side (forward) to select the sport mode.
2. Pull the drive selection switch to the **—** side (backward) to cancel the sport mode.



Select Mode Indicator Light

When the sport mode is selected, the select mode indication turns on in the instrument cluster.

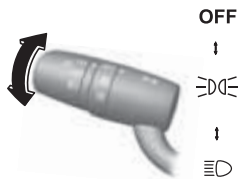
SPORT



When Driving

Operation of the Headlights

Without auto-light control

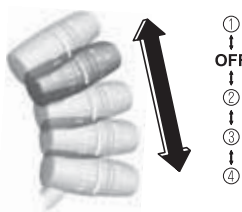


With auto-light control

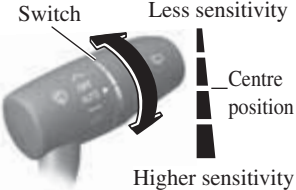
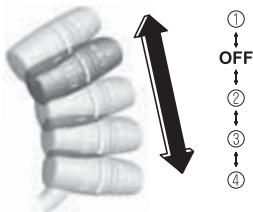


Operation of the Windscreen Wipers

With intermittent wiper



With auto-wiper control



Switch Position	Wiper operation
①	Operation while pulling up lever
②	Intermittent (With intermittent wiper) Auto control (With auto-wiper control)
③	Low speed
④	High speed

When the wiper lever is in the AUTO position, the rain sensor senses the amount of rainfall on the windscreen and turns the wipers on or off automatically.

i-ACTIVSENSE

i-ACTIVSENSE is a collective term covering a series of advanced safety and driver support systems which make use of a Forward Sensing Camera (FSC) and radar sensors.

These systems consist of active safety and pre-crash safety systems.

These systems are designed to assist the driver in safer driving by reducing the load on the driver and helping to avert collisions or reduce their severity. However, because each system has its limitations, always drive carefully and do not rely solely on the systems.

Active Safety Technology

Active Safety Technology supports safer driving by helping the driver to recognise potential hazards and avert accidents.

Driver awareness support systems

Nighttime visibility

- Adaptive Front Lighting System (AFS)
- High-Beam Control system (HBC)
- Adaptive LED Headlights

Forward/rear detection

- Lane Departure Warning System (LDWS)
- Blind Spot Monitoring (BSM)

Inter-vehicle distance recognition

- Distance Recognition Support System (DRSS)

Driver fatigue detection

- Driver attention alert

Rear obstruction detection when leaving a parking space

- Rear Cross Traffic Alert (RCTA)

Inter-vehicle distance

- Mazda Radar Cruise Control (MRCC)

Lane departure

- Lane-keep assist system

Speed control

- Adjustable Speed Limiter

Pre-Crash Safety Technology

Pre-crash safety technology is designed to assist the driver in averting collisions or reduce their severity in situations where they cannot be avoided.

Collision damage reduction in low vehicle speed range

Forward driving

- Smart City Brake Support [Forward] (SCBS F)

Reverse driving

- Smart City Brake Support [Reverse] (SCBS R)

Collision damage reduction in medium/high speed range

- Smart Brake Support (SBS)



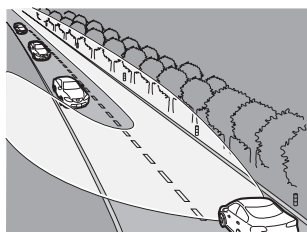
When Driving

Adaptive LED Headlights

The adaptive LED headlights are controlled between high and low beams as follows to assure the driver's visibility without dazzling a vehicle ahead or a vehicle approaching in the opposite direction.

Glare-free high beam

This feature dims only the high-beam light shone on a vehicle ahead. The high beams will dim while driving at a speed of 40 km/h or faster. When the vehicle speed is less than 30 km/h, the beams switch to the low beams.

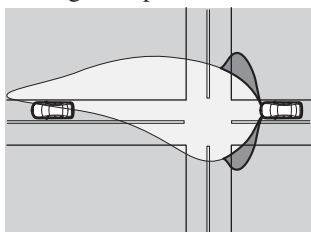


NOTE

The headlight high-beam indicator light turns on while the high beams are on.

Wide-range low beam

This feature extends the illumination range of the light cast by the low beams while driving at a speed of 40 km/h or slower.



Highway mode

This feature shifts the illumination angle of the light cast by the headlights upward while driving on highways.



Adaptive LED Headlights

To turn on the system

The system switches the headlights to the high beams after the ignition is switched ON and the headlight switch is in the AUTO position.

CAUTION

Do not rely completely on the adaptive LED headlight system and drive the vehicle while paying sufficient attention to safety. Switch the headlights between the high and low beams manually if necessary.
Other details are described in the related text.

NOTE

In the following situations, the adaptive LED headlights may not operate as expected.

- When there are sources of light in the area such as street lamps, illuminated signboards, and traffic signals.
- When there are reflective objects in the surrounding area such as reflective plates and signs.
- When visibility is reduced under rain, snow and foggy conditions.
- When driving on roads with sharp curves or undulations.

Other details are described in the related text.

Adaptive LED headlight indicator light (green)

The adaptive LED headlight indicator light (green) in the instrument cluster turns on while the adaptive LED headlights are operating.



When Driving

Mazda Radar Cruise Control (MRCC) system

The Mazda Radar Cruise Control (MRCC) system is designed to maintain headway control according to the vehicle speed using a radar sensor to detect the distance to a vehicle ahead, and by presetting the vehicle speed between 30 km/h (19 mph) and 145 km/h (90 mph), the driver is freed from having to constantly use the accelerator or brake pedals.

Additionally, if your vehicle starts closing in on the vehicle ahead because, for example, the vehicle ahead brakes suddenly, a warning sound and a warning indication in the display are activated simultaneously to alert you to maintain a sufficient distance between the vehicles.

Use the Mazda Radar Cruise Control (MRCC) system on expressways and other highways which do not require a lot of repeated acceleration and deceleration.

WARNING

Do not rely completely on the Mazda Radar Cruise Control (MRCC) system and always drive carefully:

The Mazda Radar Cruise Control (MRCC) system has limitations in its ability to detect vehicles ahead depending on the weather and road conditions. Additionally, the system may be unable to decelerate sufficiently to avoid hitting the vehicle ahead if the vehicle ahead applies the brakes suddenly or another vehicle cuts into the driving lane, which could result in an accident. Check the safety of the surroundings and pay sufficient attention to the distance between your vehicle and the vehicles travelling in front and behind.

Do not use the Mazda Radar Cruise Control (MRCC) system in the following locations. Otherwise, it could lead to an accident:

- Roads with sharp curves, heavy traffic, or roads requiring repeated and frequent acceleration.
- When entering expressway interchanges and service areas.
- Slippery roads such as ice or snow-bound roads.
- Long descending slopes.



Setting the Mazda Radar Cruise Control (MRCC)

NOTE

Under the following conditions, operation of the Mazda Radar Cruise Control (MRCC) system is temporarily cancelled, a cancel indication is indicated in the display in the instrument cluster, and the MRCC indicator light (green) turns off simultaneously.

- The CANCEL switch is pressed or the brake pedal is depressed.
- The parking brake is applied.
- The shift lever is in the P, N, or R position (for manual transaxle vehicles, R position only).
- The vehicle speed decreases to less than 25 km (16mph).
- The DSC, Smart Brake Support (SBS) system, or the Smart City Brake Support (SCBS) system is operating.
- A system malfunction is detected.

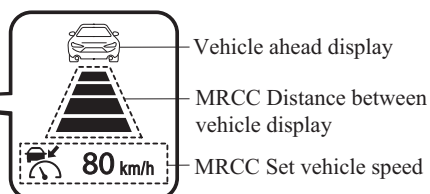
The Mazda Radar Cruise Control (MRCC) system may be cancelled during rain, fog, snow or other inclement weather conditions, or when the front surface of the radiator grille is dirty.

Other details are described in the related text.

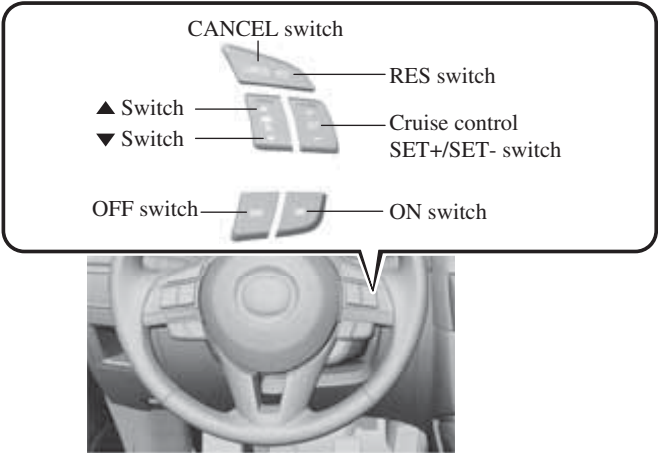
Mazda Radar Cruise Control (MRCC) Display Indication

The setting status of the Mazda Radar Cruise Control (MRCC) system is indicated in the display in the instrument cluster.

A system malfunction or operation conditions are indicated by a warning.





Setting the Mazda Radar Cruise Control (MRCC)



When the ON switch is pressed, the vehicle speed and the distance between vehicles while in headway control can be set. The Mazda Radar Cruise Control (MRCC) indication is displayed in the display of the instrument cluster.

How to Set the Speed

1. Adjust the vehicle speed to the desired setting using the accelerator pedal.
2. Headway control begins when the SET + or SET - switch is pressed. The set speed and the inter-vehicle distance display filled with white lines are displayed.





Travel status	During travel at constant speed	During travel under headway control
Display		



Setting the Mazda Radar Cruise Control (MRCC)

How to Set the Distance Between Vehicles During Headway Control

The distance between vehicles is set to a shorter distance each time the ▲ switch is pressed. The distance between vehicles is set to a longer distance by pressing the ▼ switch. The distance-between-vehicles can be set to 4 levels; Long, medium, short, and extremely short distance.

Distance-between-vehicles guideline (at 80 km/h (50 mph) vehicle speed)	Long (about 50 m (164 ft))	Medium (about 40 m (131 ft))	Short (about 30 m (98 ft))	Extremely short (about 25 m (82 ft))
Indication on display				

Change the Set Vehicle Speed

Changing the set vehicle speed using the SET + / SET - switch

Press and hold the SET + or SET - switch to adjust the set vehicle speed in 10 km/h (5 mph) increments.

The set vehicle speed can also be adjusted in 1 km/h (1 mph) (European models) or 5 km/h (5 mph) (Except European models) increments by pressing and releasing the SET + or SET - switch immediately.

To accelerate using the accelerator pedal

Depress the accelerator pedal and press and release the SET + or SET - switch at the desired speed. If a switch cannot be operated, the system returns to the set speed when you release your foot from the accelerator pedal.

Close Proximity Warning

If your vehicle rapidly closes in on the vehicle ahead because the vehicle applies the brakes suddenly while you are travelling in headway control, the warning sound activates and the brake warning is indicated in the display. Always verify the safety of the surrounding area and depress the brake pedal while keeping a safe distance from the vehicle ahead. Additionally, always keep a safer distance from the vehicles behind you.



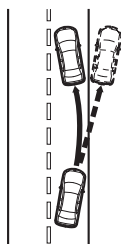
When Driving

Lane-keep Assist System

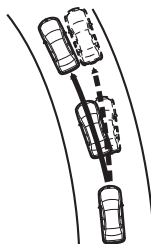
The lane-keep assist system alerts the driver that the vehicle is not being kept within its lane and it provides steering assistance to help the driver stay within the vehicle lane.

The steering wheel operation of the lane-keep assist system has “Late” and “Early” steering assist timing functions and the setting can be changed. Details are described in Setting Change (Personalisation Features) in the related text.

“Late” function



“Early” function



WARNING

Do not rely completely on the lane-keep assist system:

- *The lane-keep assist system is not an automatic driving system.*
 - *The detection ability of the lane-keep assist system is limited. Always stay on course using the steering wheel and drive with care.*
- Other details are described in the related text.*

NOTE

The lane-keep assist system may not operate as expected depending on how well the system can detect the white (yellow) lane lines or the road conditions, however this does not mean there is a problem with the system. Other details are described in the related text.

To turn on the system

1. Press the lane-keep assist system switch. The lane-keep assist system indication (stand-by) becomes visible in the multi-information display.



NOTE

If the steering operation assist setting has been turned off, the lane-keep assist system indication (stand-by) is not indicated.

Lane-keep Assist System

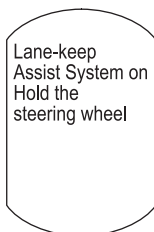
2. Drive the vehicle in the centre of the vehicle lane while the system is on standby.
3. The system becomes operational when all of the following conditions are met.

- The vehicle speed is about 60 km/h or faster.
- The system detects white (yellow) lane lines.

Other conditions are described in the related text.



- If the system can only detect a white (yellow) lane line on either the left or right, the system will not operate if the vehicle crosses the lane line on the side that cannot be detected, and a warning will not be activated. The system will only operate if the vehicle crosses a lane line on the side that can be detected and it will only activate the warning in this instance.
- If you take your hands off the steering wheel (not holding the steering wheel), the warning sound is activated and an alert is indicated in the multi-information display.



Vehicle lane line display

When the lane-keep assist system goes from stand-by to operational, the vehicle lane lines are indicated in the lane-keep assist display, and only the colour of the lane line on the side being detected changes.



Smart City Brake Support [Forward] (SCBS F)/Smart City Brake Support [Reverse] (SCBS R)

Smart City Brake Support [Forward] (SCBS F)

The Smart City Brake Support [Forward] (SCBS F) is a system designed to reduce damage in the event of a collision by operating the brake control when the system's laser sensor (front) detects a vehicle ahead and the system determines that a collision is unavoidable. The system operates while the vehicle is moving in the forward direction in the speed range of 4 to 30 km/h (3 to 18 mph), reducing damage in the event of a collision.

It may also be possible to avoid a collision if the relative speed between your vehicle and the vehicle in front of you is less than about 20 km/h (12 mph).

Smart City Brake Support [Reverse] (SCBS R)

The Smart City Brake Support [Reverse] (SCBS R) is a system designed to reduce damage in the event of a collision by operating the brake control when the system's ultrasonic sensors detect a vehicle or a wall at the rear of the vehicle and the system determines that a collision is unavoidable.

The system operates while the vehicle is reversing in the speed range of 2 to 8 km/h (2 to 4 mph), reducing damage in the event of a collision.

WARNING

Do not rely completely on the system:

- **(Smart City Brake Support [Forward] (SCBS F))**
The Smart City Brake Support [Forward] (SCBS F) operates in response to a vehicle (4-wheeled vehicle) in front of your vehicle. Operation in response to 2-wheeled vehicles or pedestrians is not guaranteed.
- **(Smart City Brake Support [Reverse] (SCBS R))**
The Smart City Brake Support [Reverse] (SCBS R) operates in response to a vehicle (4-wheeled vehicle) behind of your vehicle or a wall. Operation in response to 2-wheeled vehicles or pedestrians is not guaranteed.

Do not modify the suspension:

If the vehicle height or inclination is changed, the system will not be able to correctly detect vehicles ahead. This will result in the Smart City Brake Support (SCBS) system not operating normally or mistakenly operating, which could cause a serious accident.



Smart City Brake Support [Forward] (SCBS F)/Smart City Brake Support [Reverse] (SCBS R)

NOTE

• (Smart City Brake Support [Forward] (SCBS F))

The Smart City Brake Support [Forward] (SCBS F) detects a vehicle ahead by emitting a near-infrared laser beam and receiving the beam reflected off the reflector of the vehicle ahead, and then using it for the measurement. Consequently, the Smart City Brake Support [Forward] (SCBS F) may not operate under the following conditions:

- Trucks with low loading platforms and vehicles with an extremely low or high profile.
- Under bad weather condition, such as rain, fog and snow.
- The window washer is being used or the windscreen wipers are not used when it's raining.
- The windscreen is dirty.
- The steering wheel is turned completely left or right, or the vehicle is accelerated rapidly and comes close to the vehicle ahead.

Other details are described in the related text.

• (Smart City Brake Support [Reverse] (SCBS R))

The Smart City Brake Support [Reverse] (SCBS R) operates using ultrasonic sensors (rear) which detect obstructions at the rear by emitting ultrasonic waves and then receiving the returning waves reflected off the obstructions. In the following cases, the ultrasonic sensors (rear) cannot detect obstructions and the Smart City Brake Support [Reverse] (SCBS R) may not operate.

- The obstruction is small.
- The obstruction is thin such as a signpost.
- The obstruction is soft such as a hanging curtain or snow stuck to a vehicle.
- The obstruction is shaped irregularly.
- The surface of the obstruction is not pointed vertically relative to the vehicle.
- The obstruction is positioned away from the centre of the vehicle.
- Something is stuck on the bumper near an ultrasonic sensor (rear).
- When travelling near objects such as foliage, barriers, vehicles, walls, and fences along a road.
- When driving off-road in areas where there is grass and forage.

Other details are described in the related text.



When Driving

Smart Brake Support (SBS)

Smart Brake Support (SBS) is a system which alerts the driver of a possible collision using an indicator and warning sound in the instrument cluster while the vehicle is being driven at about 15 km/h or faster (10 mph or faster) and the system's radar sensor determines that your vehicle may hit a vehicle ahead. Furthermore, if the radar sensor determines that a collision is unavoidable, the automatic brake control is performed to reduce damage in the event of a collision.

WARNING

Do not rely completely on the Smart Brake Support (SBS) system and always drive carefully:

The Smart Brake Support (SBS) system is only designed to reduce damage in the event of a collision. The ability to detect obstructions is limited depending on the obstruction, weather conditions, or traffic conditions.

Check the safety of the surroundings and pay sufficient attention to the distance between your vehicle and the vehicles travelling in front and behind.



Smart Brake Support (SBS)

NOTE

The Smart Brake Support (SBS) system may not operate under the following conditions:

- If there is the possibility of hitting only a part of a vehicle ahead.
- The vehicle is driven at the same speed as the vehicle ahead.
- The brake pedal, steering wheel, selector lever, or a direction indicator is operated.

Other details are described in the related text.

Although the objects which activate the system are 4-wheeled vehicles, the radar sensor could detect the following objects, determine them to be an obstruction, and operate the Smart Brake Support (SBS) system.

- Objects on the road at the entrance to a curve (including guardrails and snow banks).
- A vehicle appears in the opposite lane while cornering or rounding a curve.
- When crossing a narrow bridge, passing through a low gate or tunnel, a narrow gate, or entering an underground parking area.
- Metal objects, bumps, or protruding objects on the road.
- Two-wheeled vehicles such as motorcycles and bicycles, pedestrians, trees.

Other details are described in the related text.

Collision Warning

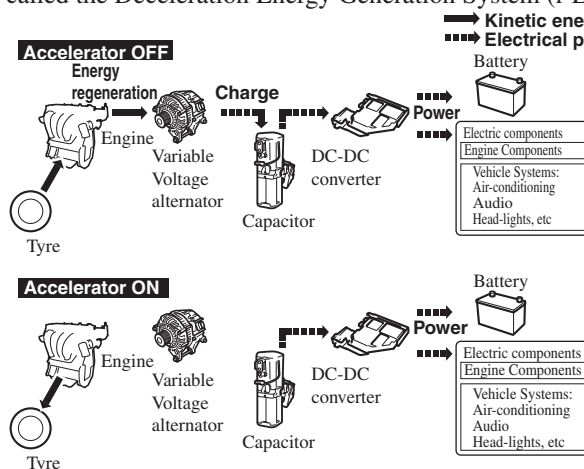
If there is the possibility of a collision with a vehicle or obstruction ahead, the beep sounds continuously and a warning is indicated in the display.



When Driving

i-ELOOP System

On conventional vehicles, the kinetic energy that is generated when the vehicle is decelerated by applying the brakes or during engine braking ends up being discarded as heat. By utilizing this discarded kinetic energy to generate electricity and use it to power the vehicle's electrical devices and accessories such as the A/C and audio, fuel consumption can be reduced. Mazda's system for generating electricity from this kinetic energy is called the Deceleration Energy Generation System (i-ELOOP).



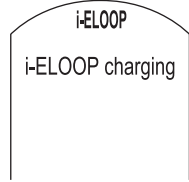
Control Status Display

The i-ELOOP power generating status is displayed in the audio display.

Indication on display	Control status
<p>Fuel Economy Monitor 10:20 Average (Since Reset) 4.2L/100km i-ELOOP i-stop READY</p>	<p>① Displays the level of electricity generated by regenerative braking.</p>
<p>Fuel Economy Monitor 10:20 Average (Since Reset) 4.2L/100km i-ELOOP i-stop READY</p>	<p>② Displays the amount of the electricity stored in the capacitor.</p>
<p>Fuel Economy Monitor 10:20 Average (Since Reset) 4.2L/100km i-ELOOP i-stop READY</p>	<p>③ Displays the status of the electricity stored in the capacitor and being supplied to the electrical devices (whole vehicle in display is illuminated simultaneously).</p>

i-ELOOP Charging Display

If the vehicle is driven while “i-ELOOP charging” is displayed, a beep sound is heard. Make sure the message is no longer displayed before driving.



Tyre Pressure Monitoring System

The Tyre Pressure Monitoring System (TPMS) monitors the air pressure of all four wheels. If the air pressure of one or more tyres is too low, the system warns the driver by indicating the tyre pressure monitoring system warning light in the instrument cluster and operating a beep sound.

In the following cases, system initialization must be performed so that the system operates normally.

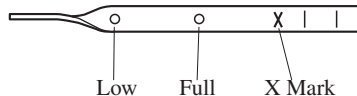
- A tyre pressure is adjusted.
- Tyre rotation is performed.
- A tyre or wheel is replaced.
- The battery is replaced or completely drained.
- The tyre pressure monitoring system warning light is illuminated.



Diesel Particulate Filter

The diesel particulate filter collects and removes most of the particulate matter (PM) in the exhaust gas of a diesel engine.

Inspect the engine oil level periodically (before getting in the vehicle). When inspecting the engine oil, if the engine oil level is close to or exceeds the “X” mark on the dipstick, replace the engine oil.

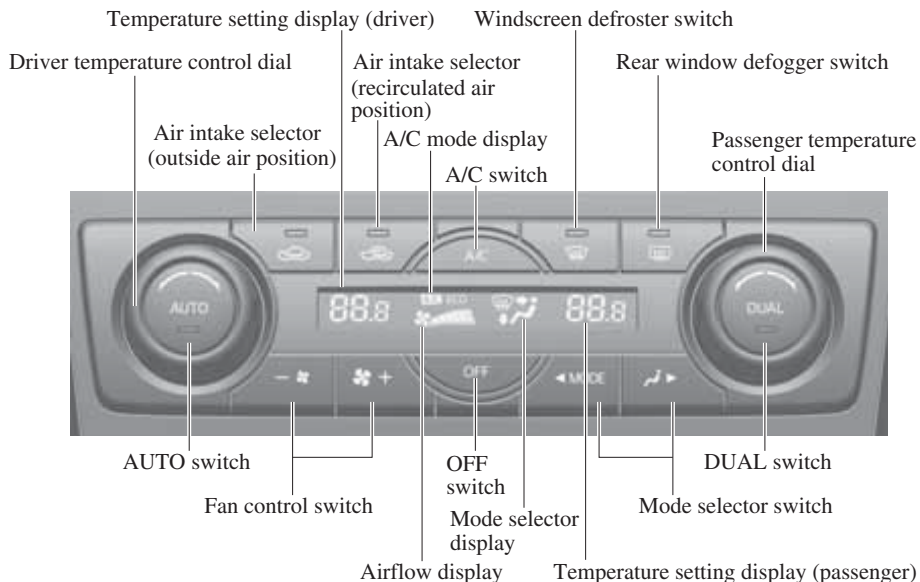


Whenever the engine oil is replaced, the vehicle's engine control unit needs to be reset as soon as possible. Otherwise the wrench indicator light or engine oil warning light may turn on.

To reset the engine control unit, refer to the vehicle engine control unit reset procedure or consult an expert repairer, we recommend an Authorised Mazda Repairer.

Interior Features

Air-Conditioning System (Fully Automatic Type)



Operation of Automatic Air Conditioning

1. Press the AUTO switch. Selection of the airflow mode, air intake selector and amount of airflow will be automatically controlled.
2. Use the temperature control dial to select a desired temperature.
Press the DUAL switch or turn the front passenger temperature control dial to control the set temperature individually for the driver and front passenger.
3. To turn off the system, press the OFF switch.

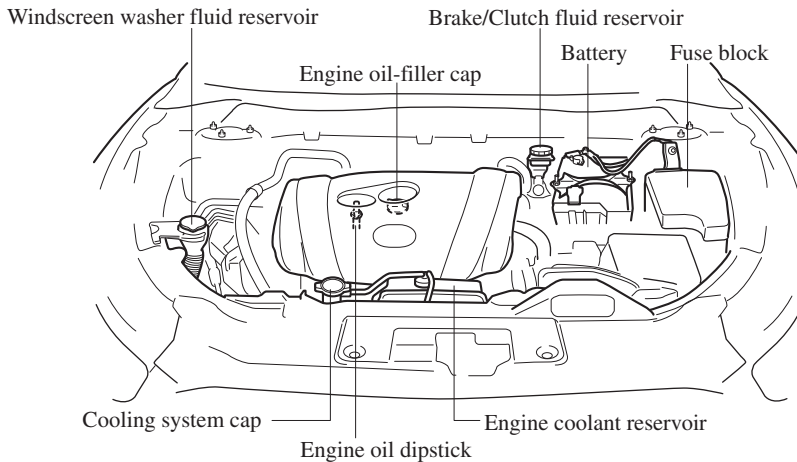
Owner Maintenance Precautions

Routine Service

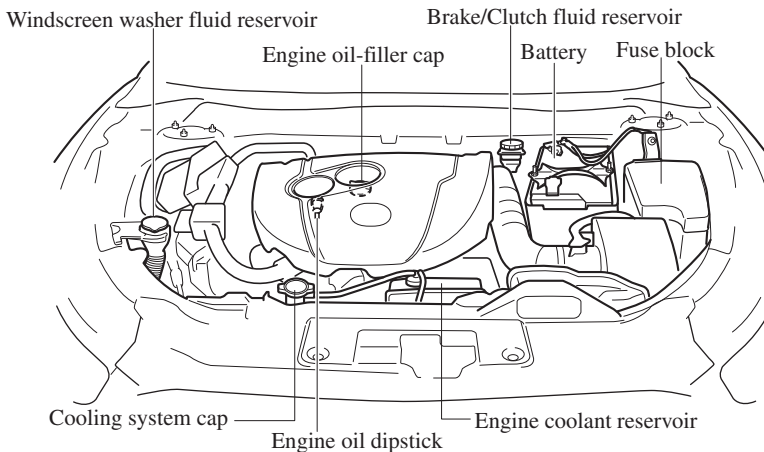
We highly recommend that these items be inspected daily, or at least every week.

- Engine Oil Level
- Engine Coolant Level
- Brake and Clutch Fluid Level
- Washer Fluid Level
- Battery Maintenance
- Tyre Inflation Pressure

SKYACTIV-G 2.0 and SKYACTIV-G 2.5



SKYACTIV-D 2.2



If Trouble Arises

If Trouble Arises

- **Flat Tyre**

If you have a flat tyre, drive slowly to a level spot that is well off the road and out of the way of traffic to change the tyre.

In the event of a flat tyre, use the temporary spare tyre.

- **Overheating**

1. Drive safely to the side of the road and park off the right-of-way.

2. Check whether coolant or steam is escaping from the engine compartment.

If steam is coming from the engine compartment:

Do not go near the front of the vehicle. Stop the engine.

Wait until the steam dissipates, then open the bonnet and start the engine.

If neither coolant nor steam is escaping:

Open the bonnet and idle the engine until it cools.

- **Towing Description**

We recommend that towing be done only by an expert repairer, we recommend an Authorised Mazda Repairer or a commercial tow-truck service.

- **Warning Lights and Warning Sounds**

If a warning light illuminates or flashes or a warning sound is heard, check for details concerning the warning light or sound in this guide. If the problem cannot be resolved, contact an Authorised Mazda Repairer.

