

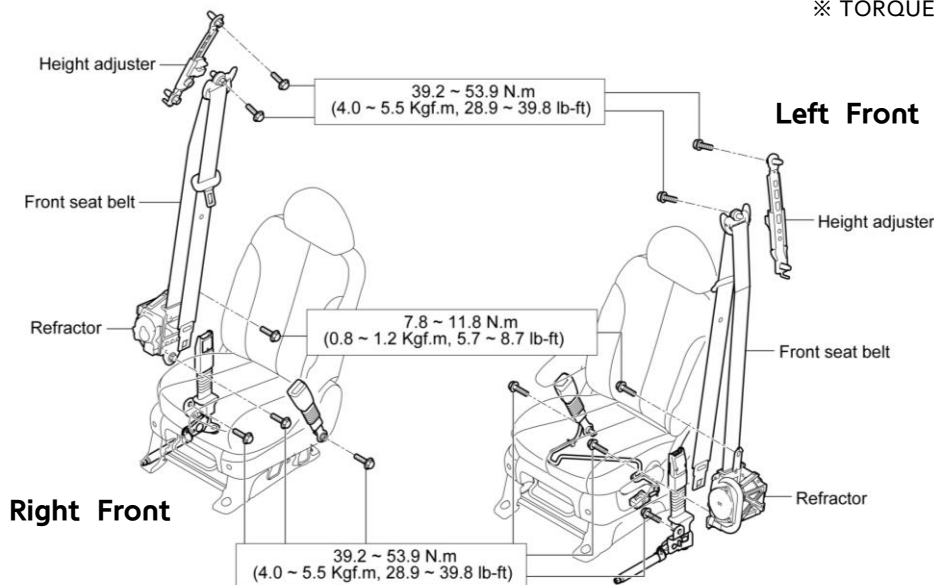
The seat belt installation instruction



MODEL : SEDONA 2005~2014

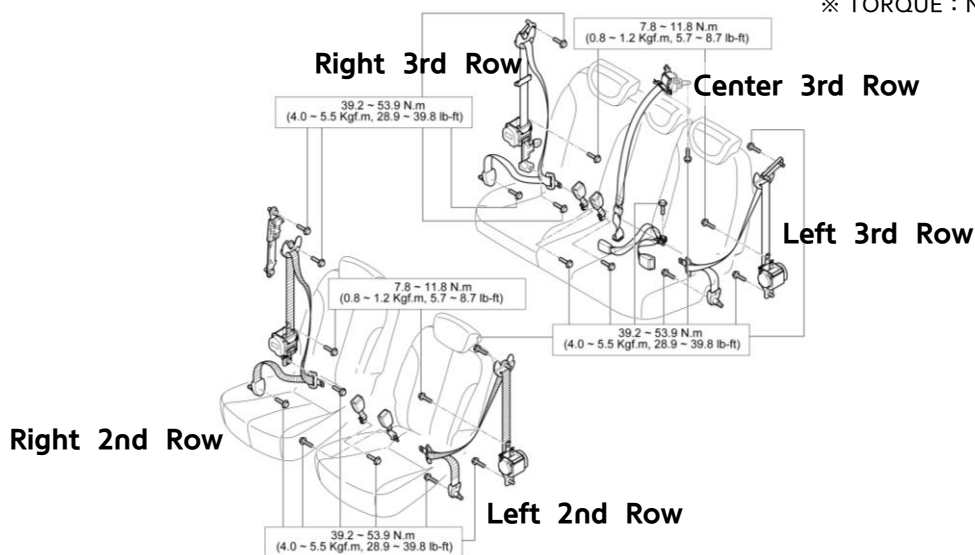
FRONT SEAT BELTS

※ TORQUE : N.m (kgf.m, lb.ft)



REAR SEAT BELTS

※ TORQUE : N.m (kgf.m, lb.ft)



※ The images shown are for illustration purposes only and may not be an exact representation of the product.

1. Remove any trim panels required to access the seatbelt and mounting hardware. Note the location and position of each to aid in reassembly.
2. Remove the existing seatbelt carefully. Note the location, position, and order in which all bolts, washers, and/or spacers are assembled.
Also note any electrical connectors.
3. Install the new seatbelt.
Refer to the diagram included in the installation instructions to ensure the new seatbelt is installed in the same way that the original assembly was installed, including proper routing of the webbing. Torque each bolt to the proper specification and reconnect any electrical connectors.
4. Replace any trim panels or covers taking care not to pinch, twist or restrict the safety belt webbing or damage any electrical connectors or wiring.
5. Test the system for properly functionality as applicable, including: DTCs or warning lamps, latching and unlatching of the belt buckle, extension and retraction of the belt, the retractor locking operation [retractor should lock when the belt webbing is pulled rapidly and when the vehicle brake is rapidly applied], functionality of the driver seat belt use warning lamp and chime, and the anchorage height adjuster.
6. If you have any concerns or are unsure if there is an issue with the seatbelt, consult an authorized Kia dealer.

MODEL : SEDONA 2005~2014

1

SAFETY BELTS

Safety belt restraint system

⚠ WARNING - Safety belts

To minimize the risk of serious or fatal injury in an accident, the driver and all passengers should use the appropriate safety restraints for their age and size. The presence of air bags does not change the need to be properly restrained by a safety belt or size-appropriate child restraint. In fact, air bags are designed to work the best when passengers are correctly restrained in the vehicle.

- Be sure you are familiar with the information in this section, including the information on infant and child restraints.
- Read the safety warnings on the sun visors of your vehicle also.

We strongly recommend that the driver and all passengers be properly restrained at all times by using the safety belts provided with the vehicle. Proper use of the safety belts decreases the risk of severe injury or death in accidents or sudden stops. In most states, and in Canada, the law requires their use.

All seats have lap/shoulder belts. Inertial locks in the safety belt retractors allow all of the lap/shoulder safety belts to remain unlocked during normal vehicle operation. This allows the occupants some freedom of movement and increased comfort while using the safety belts. If a force is applied to the vehicle, such as a strong stop, a sharp turn, or a collision,

the safety belt retractors will automatically lock the safety belts.

Since the inertial locks do not require a collision in order to lock up, you may become aware of the safety belts locking while braking or going around sharp corners.

Always use the rear seat position(s) to install your child restraint(s).

⚠ WARNING - Child restraint in front seat

Never install a child restraint system in the front passenger position, as an inflating air bag could cause serious or fatal injury to a child in that position.

The rear (or front passenger) safety belts use a special auto-lock feature designed to allow a child restraint to be used in these positions without an added locking clip. They normally lock only under extreme or emergency conditions (emergency lock mode). However they can be adjusted so that they remain fixed and locked when a child restraint system is placed in these positions. (Use this auto-lock mode only to secure a child restraint, never for passengers restrained by the safety belts.)

The driver's safety belt can only operate in the emergency lock mode.

Safety belts provide the best restraint when:

- The seatback is upright.
- The occupant is sitting upright (not slouched).
- The lap belt is snug across the hips.
- The shoulder belt is snug across the chest.
- The knees are straight forward.

3

other damage. Pull the safety belt out and let it retract a number of times. Make sure that the lap/shoulder belts return smoothly and easily into the retractor.

- Check the latches to make sure they latch and release without interference or delay.
- Never close the doors on any part of the lap or shoulder belt.
- Any belt not in good condition or in good working order should be promptly replaced.

⚠ WARNING

Never close the doors on any part of the lap or shoulder belt. It can damage the safety belt or buckle which could increase the risk of injury in case of an accident.



1GQA2083

Safety belt warning light and chime

If the driver's safety belt is not fastened when the key is turned ON or if it is disconnected after the key is turned ON, the safety belt warning light will blink until the belt is fastened.

If the driver's safety belt is not fastened when the key is turned ON or if it is unfastened after the key is ON, the safety belt warning chime will sound for approximately 6 seconds.



1GHA2262

Lap/shoulder belt

To fasten the lap/shoulder belt:

1. Grasp the buckle and tongue plate.
2. Slowly pull the lap/shoulder belt out from the retractor.



1VQH2263

3. Insert the tongue plate (1) into the open end of the buckle (2) until an audible "click" is heard, indicating the belt is locked in the buckle.

2

⚠ WARNING - After a collision

- Lap/shoulder belt assemblies may be stretched or damaged when subjected to the stress and forces of a collision.
- The entire restraint system should be inspected following any collision. All belts, retractors, anchors and hardware damaged by a collision should be replaced before the vehicle is operated again.

⚠ WARNING - Cargo area

Passengers should never be allowed to ride in the cargo area of a vehicle. No safety belts are provided for the cargo area. Persons riding in the vehicle without a fastened safety belt are much more likely to suffer serious bodily injury or death during an accident.

⚠ WARNING - Twisted belts

A twisted or jammed safety belt cannot restrain you properly. If you cannot untwist or unjam the safety belt, have an authorized Kia dealer service it immediately. Never drive or ride with a twisted or jammed safety belt.

⚠ WARNING - Belt use

Safety belts must be used correctly to work properly in an accident. Each seating position in your vehicle has a specific safety belt assembly that includes a buckle and tongue designed to be used together.

Failure to heed these warnings and follow these instructions will increase the risk and severity of injuries and the likelihood of death in an accident.

(Continued)

(Continued)

- Use the shoulder portion of the safety belt on the outside shoulder only. Never wear the shoulder portion under the arm or place it between your back and seatback.
- Never swing the safety belt around your neck to fit over the inside shoulder.
- Never wear the shoulder portion of the safety belt across the neck or face.
- Wear the lap portion as low as possible. Be sure that the lap belt fits snugly around the hips. Never wear a lap portion of a lap/shoulder belt over your waist; it should always go over the stronger area of your hips.
- Never use a single safety belt for more than one person.
- The front seatbacks should always remain in a comfortable, upright position when the vehicle is moving.

⚠ WARNING - Safety belt care

- A damaged belt may not give you the protection you need in an accident.
- Inspect your safety belts periodically for excessive wear or damage. Pull out each belt fully and look for fraying, cuts, burns or

4

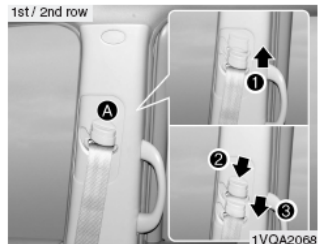


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4. Position the lap portion (2) of the belt across your lap as LOW ON THE HIPS as possible to reduce the risk of sliding under it during an accident. Adjust the belt to a SNUG FIT by pulling up on the shoulder portion (1) of the safety belt. The belt retractor is designed to take up excess webbing automatically and to maintain tension on the belt. For your safety, do not put any excess slack into the safety belt at any location.

* NOTICE

If you are not able to pull out the safety belt from the retractor, firmly pull the belt out and release it. Then you will be able to pull the belt out smoothly.



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5. Adjust the shoulder anchor position to your size. To raise the anchor position, push the anchor up (1). To lower the anchor position, press (2) the button (A) and slide the anchor down (3). After adjustment, make sure the anchor is locked in position. (if equipped)

If the height of the adjusting seat belt is too near your neck, you will not be getting the most effective protection. The shoulder portion should be adjusted so that it lies across your chest and midway over your shoulder nearest the door and not your neck.

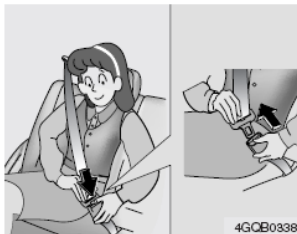
⚠ WARNING

- The height adjuster must be in the locked position when the vehicle is moving.
- The misadjustment of height of the shoulder belt could reduce the effectiveness of the seat belt in a crash.

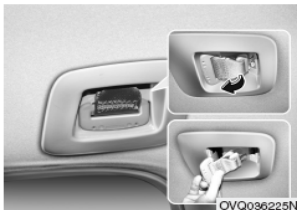
Always check the owner's manual for complete vehicle information and safety warnings.

MODEL : SEDONA 2005~2014

1



To unfasten the lap/shoulder belt:
Press the release button on the buckle and allow the belt to slowly retract.



3 Point rear center belt - 3rd row (Long wheelbase)
To fasten the rear center belt

1. Extract the tongue plate from the hole on the belt assembly cover and slowly pull the tongue plates out from the retractor.

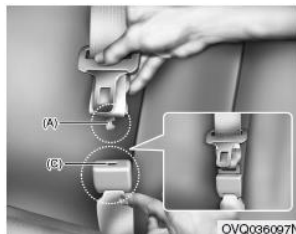
CAUTION - Cargo
Be sure that the cargo is securely loaded in the rear cargo area. Failing to do so may damage the rear center safety belt in sudden stop or certain collisions.

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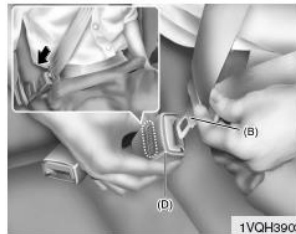
the seat belt web (A) and allow the webbing to retract automatically.
4. Insert the tongue plate (A) into the hole on the belt assembly cover.



Stowing the rear safety belt
The rear safety belt can be stowed in the pocket between the rear seatback and cushion when not in use.



2. Insert the tongue plate (A) into the open end of the buckle (C) until an audible "click" is heard, indicating the latch is locked. Make sure the belt is not twisted.



3. Pull the tongue plate (B) and insert the tongue plate (B) into the open end of the buckle (D) until an audible "click" is heard, indicating the latch is locked. Make sure the belt is not twisted.



Proper use and care of the safety belt system

To ensure that the safety belts provide the maximum protection, please follow these instructions:

- Use the belts at all times - even on short trips.
- If the safety belt is twisted, straighten it prior to use.
- Keep sharp edges and damaging objects away from the belts.
- Periodically inspect belt webbing, anchors, buckles and all other parts for signs of wear and damage. Replace damaged, excessively worn or questionable parts immediately.
- To clean the belt webbing, use a mild soap solution recommended for cleaning upholstery or carpets. Follow the instructions provided with the soap.
- Do not make modifications or additions to the safety belt.
- After wearing a safety belt, make sure it fully retracts to the stowed position. Do not allow the belt to get caught in the door when you close it.

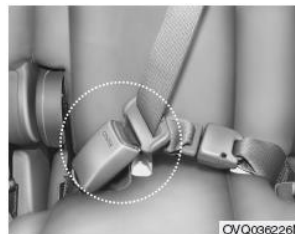
WARNING - Belt cleaning
Do not bleach or dye the webbing because this may weaken the webbing fibers and cause them to fail when restraining an occupant in a collision.

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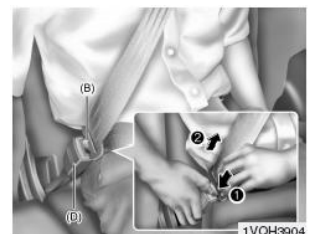
There will be an audible "click" when the tab locks in the buckle. The safety belt automatically adjusts to the proper length only after the lap belt is adjusted manually so that it fits snugly around your hips, if you lean forward in a slow, easy motion, the belt will extend and let you move around. If there is a sudden stop or impact, the belt will lock into position. It will also lock if you try to lean forward too quickly.

WARNING

When using the rear safety center belt, you must lock all tongue plates and buckles. If any tongue plate or buckle is not locked, it will increase the chance of injury in the event of collision.

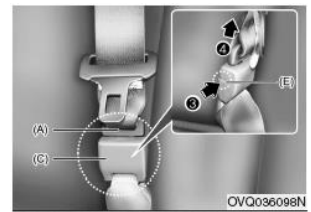


When using the rear center seat belt, the buckle with the "CENTER" mark must be used.



To unfasten the rear center belt

1. Press the release button on the buckle (D) and remove the tongue plate (B) from the buckle (D).
2. Retract the rear center seatbelt.



3. Insert the key or similar small rigid device into the web release button (D) on the anchor connector. Pull up on

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Restraint women

Pregnant women should wear lap/shoulder belt assemblies whenever possible according to specific recommendations by their doctors. The lap portion of the belt should be worn AS SNUGLY AND LOW AS POSSIBLE.

WARNING - Pregnant women

Pregnant women must never place the lap portion of the safety belt over the area of the abdomen where the fetus is located or above the abdomen where the fetus could crush the fetus during an impact.

Infants and small children

To increase their safety, infants and young children should always be restrained by a restraint system approved for their age and size.

Never allow a child to stand or kneel on the seat of a moving vehicle. Never allow a safety belt to be placed around both a child and an adult or around two children at the same time.

It is best for children to be seated in the rear seats.

Many companies manufacture child restraint systems (often called child seats) for infants and small children. An acceptable child restraint system must always satisfy U.S. Federal Motor Vehicle Safety Standards and your applicable state laws. Make sure that any child-restraint system you use in your vehicle is labelled as complying with Federal Safety Standards.

The child-restraint system should be chosen to fit both the size of the child and the size of the vehicle seat. Be sure to follow any instructions provided by the child-restraint system manufacturer when installing the child-restraint system.

WARNING - Children on laps

Never hold a child on your lap or in your arms in a moving vehicle. Even a very strong person cannot hold onto a child in the event of even a minor collision.

WARNING - Hot metal parts

Safety belts and seats can become hot in a vehicle that has been closed during warm/hot weather; they could burn a child. Check seat covers and buckles before you place a child anywhere near them.

WARNING - Infants and young children

- Infants and young children are at much greater risk of serious injury or death in an accident or sudden stop if they are unrestrained or restrained improperly. Follow all instructions in this section and the instructions that came with an approved child safety system. The child restraint must be correctly installed in the vehicle, and the child must be correctly placed in the child restraint.
- All children under 12 are safest in the back seat.
- Never install a rear facing infant seat in the front passenger position. The baby will be injured or killed by the air bag if it deploys.
- Never allow a child to stand or kneel on the seat of a moving vehicle.

MODEL : SEDONA 2005~2014

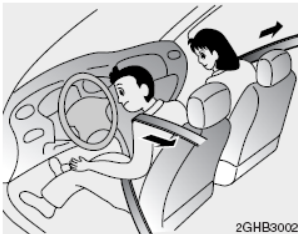
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Larger children

As children grow, they may need to use new child-restraint systems, including larger child seats or booster seats, which are appropriate for their increased size. A child who has outgrown available child-restraint systems should use the belts provided in the vehicle. When seated in the rear outboard seats, the child should be restrained by the lap/shoulder belt. If the shoulder belt portion slightly touches the child's neck or face, try placing the child closer to the center of the vehicle. If the shoulder belt still touches their face or neck they need to be returned to a child restraint system. In addition, aftermarket devices are available from independent manufacturers which help pull the shoulder belt down and away from the child's face or neck.

⚠ WARNING - Shoulder belts on small children

- Never allow a shoulder belt to be in contact with a child's neck or face while the vehicle is in motion.
- If safety belts are not properly worn and adjusted on children, there is a risk of death or serious injury.



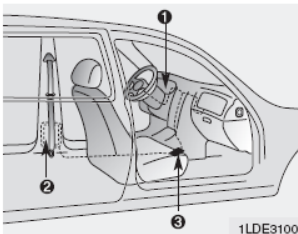
Pre-tensioner safety belt

Your vehicle is equipped with driver's and front passenger's pre-tensioner safety belts. The purpose of the pre-tensioner is to make sure that excess slack is taken up in certain frontal collisions. The pre-tensioners may activate along with the front air bags in frontal collisions based on angle of impact, seat belt usage and impact severity.

*** NOTICE**

The pre-tensioner seat belt is installed at the front seats, and the sensor is equipped inside the buckle, where presence of passenger is sensed by the fastening of the seat belts. Therefore, pre-tensioner will not activate if the passenger is not fastened with the seat belts. Likewise, it will activate if buckled even without a passenger in the seat. Pre-tensioner seat belt is designed to activate when the seatbelt is in use. To ensure the pretensioner seatbelts activate in event of a possible seatbelt buckle switch malfunction, the system is designed to activate regardless of whether a seat belt is in use or if no seat belt use is detected within 6 seconds of turning the ignition switch ON.

2



The seat belt pre-tensioner system consists mainly of the following components. Their locations are shown in the illustration.

- (1) SRS air bag warning light
- (2) Seatbelt pre-tensioner assembly
- (3) SRS air bag control module

⚠ WARNING - Safety belt adjustment

To obtain maximum benefit from a pre-tensioner seat belt:

- The safety belt must be worn correctly.
- The safety belt must be adjusted to the correct position.

Load limiter (if equipped)

When the pre-tensioner activates, if the system senses excessive seat belt tension on the driver or passenger's seat belt, the load limiter inside the pre-tensioner will release some of the pressure on the affected seat belt.

⚠ WARNING - Air bag/Pre-tensioner dust

When the air bags and pre-tensioners are activated, a loud noise may

be heard and fine dust, which may appear to be smoke, may be visible in the passenger compartment. This dust is not toxic. The dust may cause skin irritation and should not be breathed for prolonged periods. Ventilate the vehicle after impact and wash your hands and face thoroughly after an accident.

⚠ WARNING - Air bag/pre-tensioner warning light

If the SRS air bag warning light does not illuminate when the ignition key is turned to "ON", or if it remains illuminated after approximately 6 seconds, or if it illuminates while the vehicle is being driven, please have an authorized Kia dealer inspect the pre-tensioner and air bag system as soon as possible.

⚠ WARNING - Hot parts

The pre-tensioner assembly mechanism may become hot during activation. Do not touch the pre-tensioner seat belt assembly for several minutes after they have been activated.

⚠ WARNING - Replacing used pre-tensioners

- Pre-tensioners are designed to operate once. After activation, pre-tensioner seat belts must be replaced. All seat belts, of any type, should always be replaced after they have been worn during a collision.
- Do not attempt to replace the pre-tensioners yourself. This must be done by an authorized Kia dealer.

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4