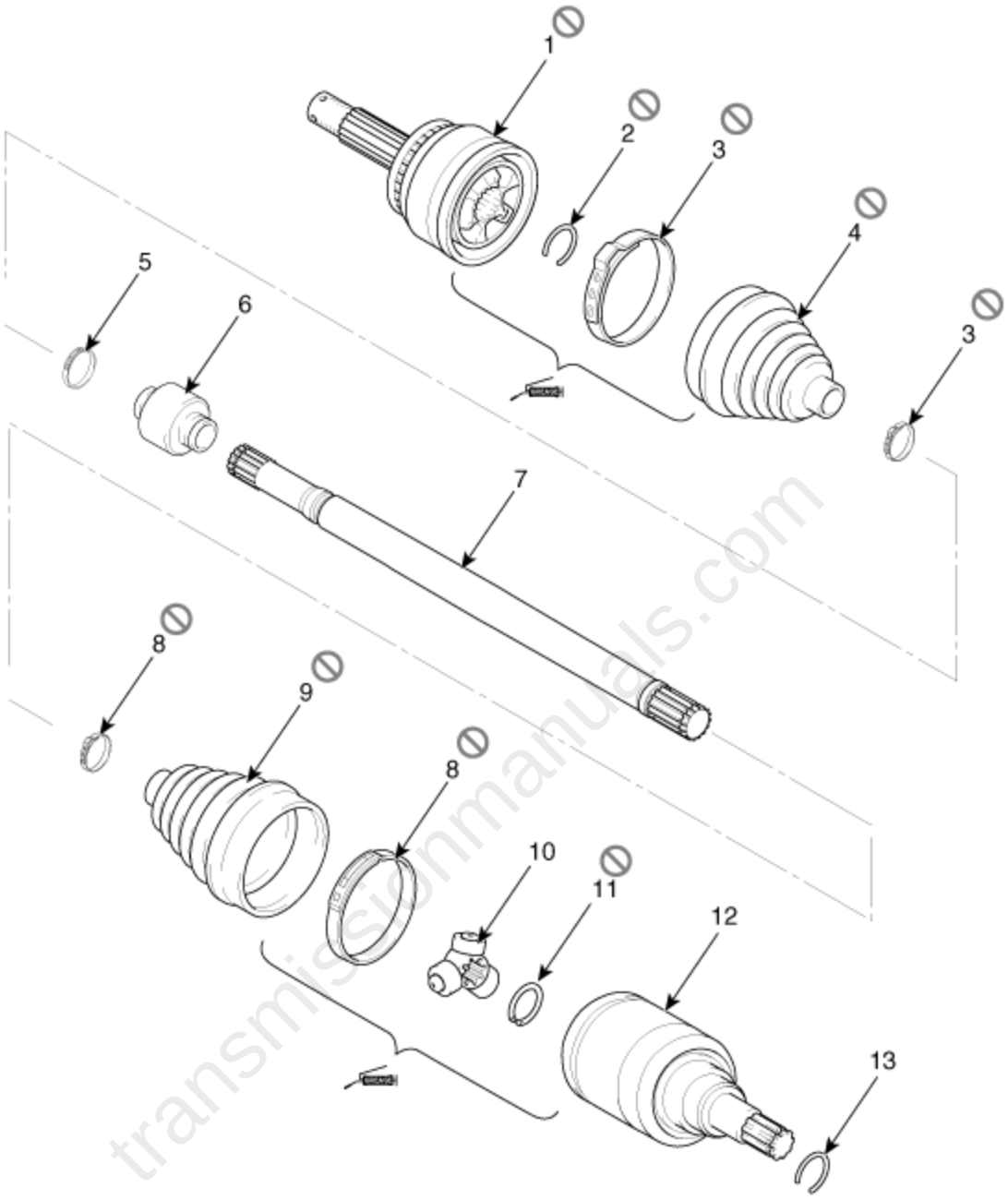
Driveshaft Assembly / BJ Boot

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Components and components location

Components

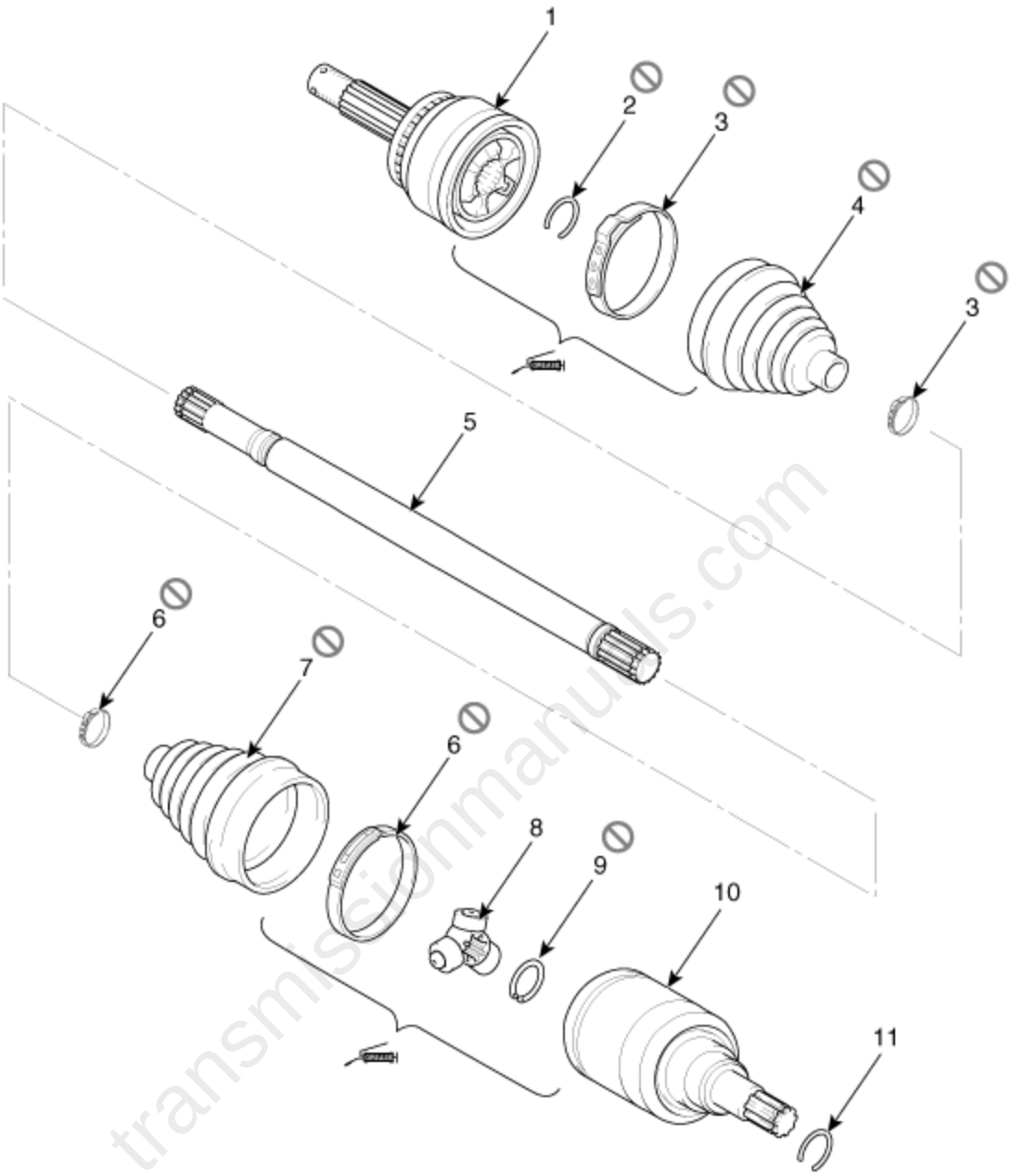
[RH]



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1. BJ assembly
2. Clip
3. BJ boot band
4. BJ boot
5. Dynamic damper band
6. Dynamic damper
7. Shaft
8. TJ boot band
9. TJ boot
10. Spider assembly
11. Circlip
12. TJ housing
13. Circlip

[LH]



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1. BJ assembly
2. BJ circlip
3. BJ boot band
4. BJ boot
5. Shaft
6. TJ boot band
7. TJ boot
8. Spider assembly
9. Snap ring
10. TJ case
11. Circlip

Repair procedures

Replacement

1. Remove the front driveshaft.

   (Refer to Driveshaft Assembly - “Front Driveshaft”)

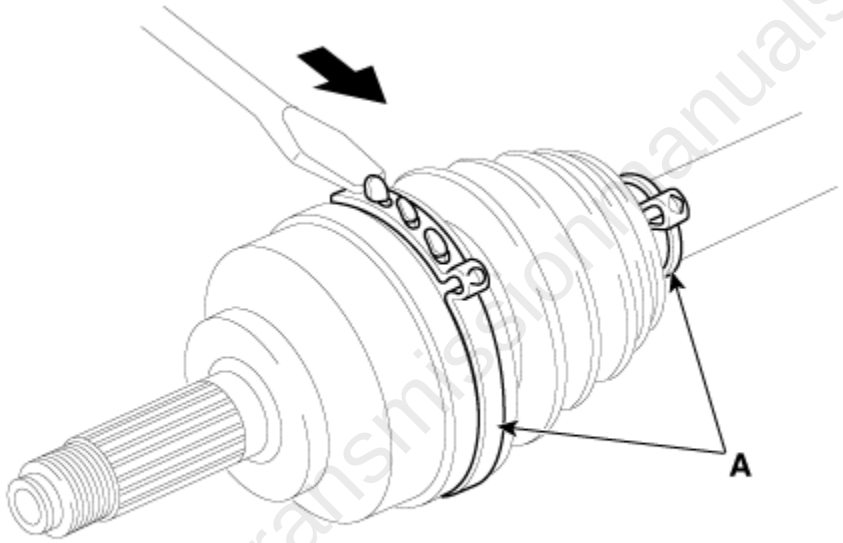
2. Remove the TJ joint assembly.

   (Refer to Driveshaft Assembly - “TJ Joint”)

3. Remove the Dynamic damper.

   (Refer to Driveshaft Assembly - “Dynamic Damper”)

4. Using a plier or flat-tipped (-) screwdriver, remove the BJ boot bands (A).



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5. Remove the BJ boot.

6. Install in the reverse order of removal.

NOTICE

- Do not disassemble the BJ assembly.
- Special grease must be applied to the driveshaft joint. Do not substitute with another type of grease.
- The boot band should be replaced with a new one.

Dynamic Damper

Components and components location Components [RH] 1. BJ assembly 2. Clip 3. BJ boot band 4. BJ boot 5. Dynamic damper band 6. Dynami ...

Rear Hub - Carrier

Components and components location Components [Disc type - Couple Torsion Beam Axle] 1. Rear brake disc 2. Rear hub bearing 3. Dust cover 4. Ext ...

Other information:

Kia Forte 2019-2023 (BD) Service Manual: Sunroof Glass

Components and components location Components Location 1. Sunroof glass Repair procedures Replacement Put on glove to protect your hands. 1. C ...

Kia Forte 2019-2023 (BD) Service Manual: Rear Bumper

Components and components location Components [4 Door] 1. Rear bumper assembly 2. Rear bumper side bracket [RH] 3. Rear bumper side bracket [LH] [5 Door] 1. Rear bumper assembly 2. Rear bumper side bracket ...

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Wiper blades / Blade replacement

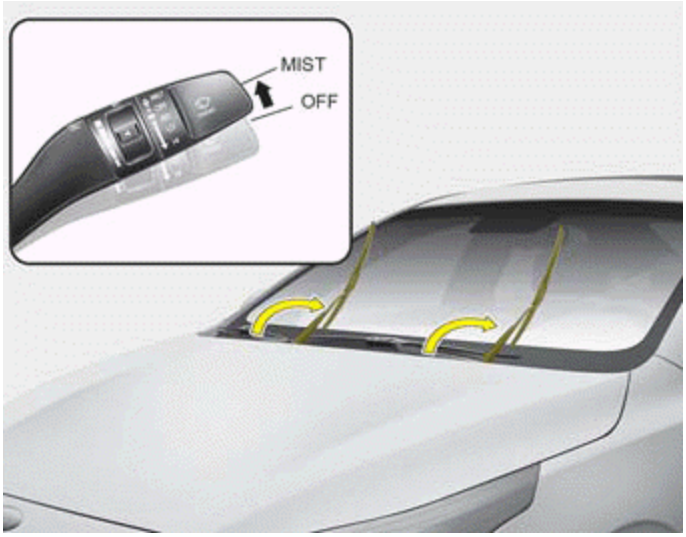
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When the wipers no longer clean adequately, the blades may be worn or cracked, and require replacement.

To prevent damage to the wiper arms or other components, do not attempt to move the wipers manually.

Aftermarket wiper blades may result in wiper malfunction and/or failure. It is recommended to use certified Kia parts.

Front windshield wiper blade

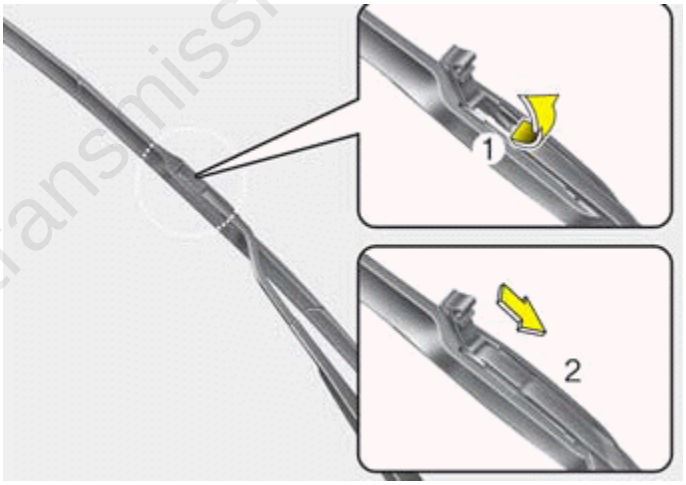


To inspect or replace the windshield wiper blades and to prevent damaging the hood, move the windshield wiper blades to the service position as follows;

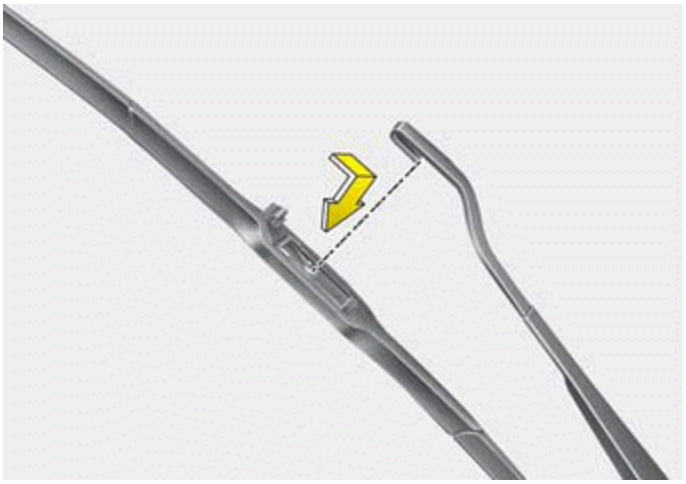
After turning off the engine, move the wiper switch to the single wiping (MIST) position within 20 seconds and hold the switch more than 2 seconds until the wiper blade is in the fully up position.

CAUTION - Wiper arms

- *Do not allow the wiper arm to fall against the windshield, since it may chip or crack the windshield.*
- *Do not pull wiper arm forward, since the arm could chip the hood paint.*



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Type A

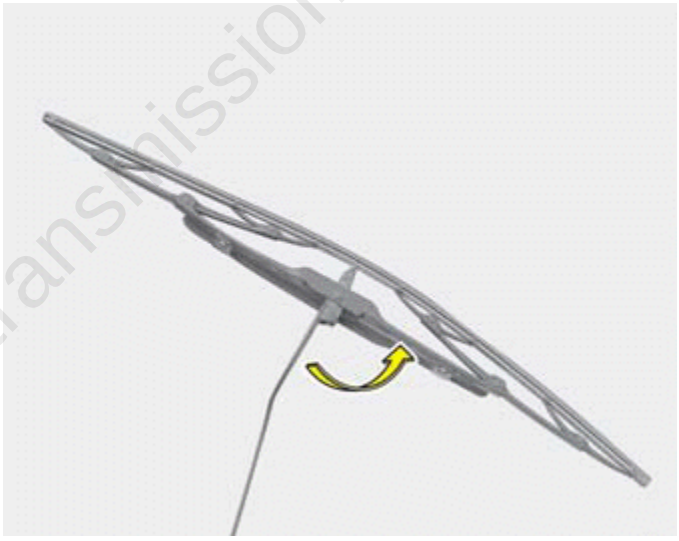
1. Raise the wiper arm.

2. Lift up the wiper blade clip. Then pull down the blade assembly and remove it.

3. Install the new blade assembly.

4. Return the wiper arm on the windshield.

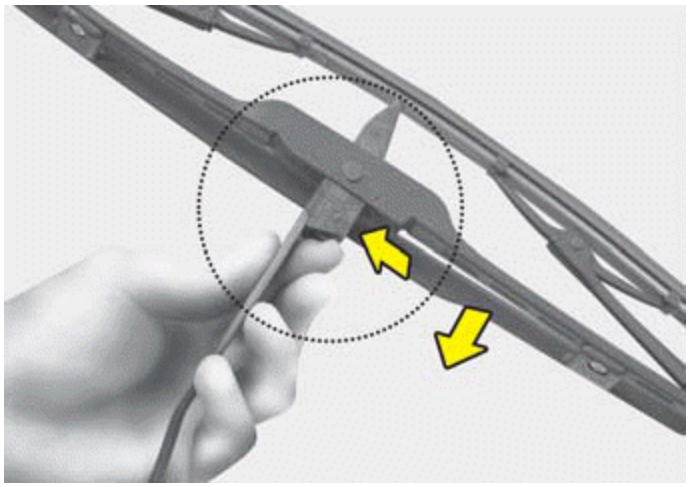
5. Turn ignition to the ON position and the wiper arms will return to the normal operating position.



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Type B

1. Raise the wiper arm and turn the wiper blade assembly to expose the plastic locking clip.





2. Compress the clip and slide the blade assembly downward.

3. Lift it off the arm.

4. Install the new blade assembly.

5. Return the wiper arm on the windshield.

6. Turn ignition to the ON position and the wiper arms will return to the normal operating position.

Wiper blades

Blade inspection Commercial hot waxes applied by automatic car washes have been known to make the windshield difficult to clean. Contamination of either the windshield or the wiper blades ...

Battery

For best battery service Keep the battery securely mounted. Keep the battery top clean and dry. Keep the terminals and connections clean, tight, and coated with petroleum jelly or term ...

Other information:

Kia Forte 2019-2023 (BD) Owners Manual: Vehicle to vehicle distance setting

To set vehicle to vehicle distance: This function allows you to program the vehicle to maintain a relative distance to the vehicle ahead without depressing the accelerator pedal or brake pedal. The vehicle to vehicle distance will automatically activate when the smart cruise control ...

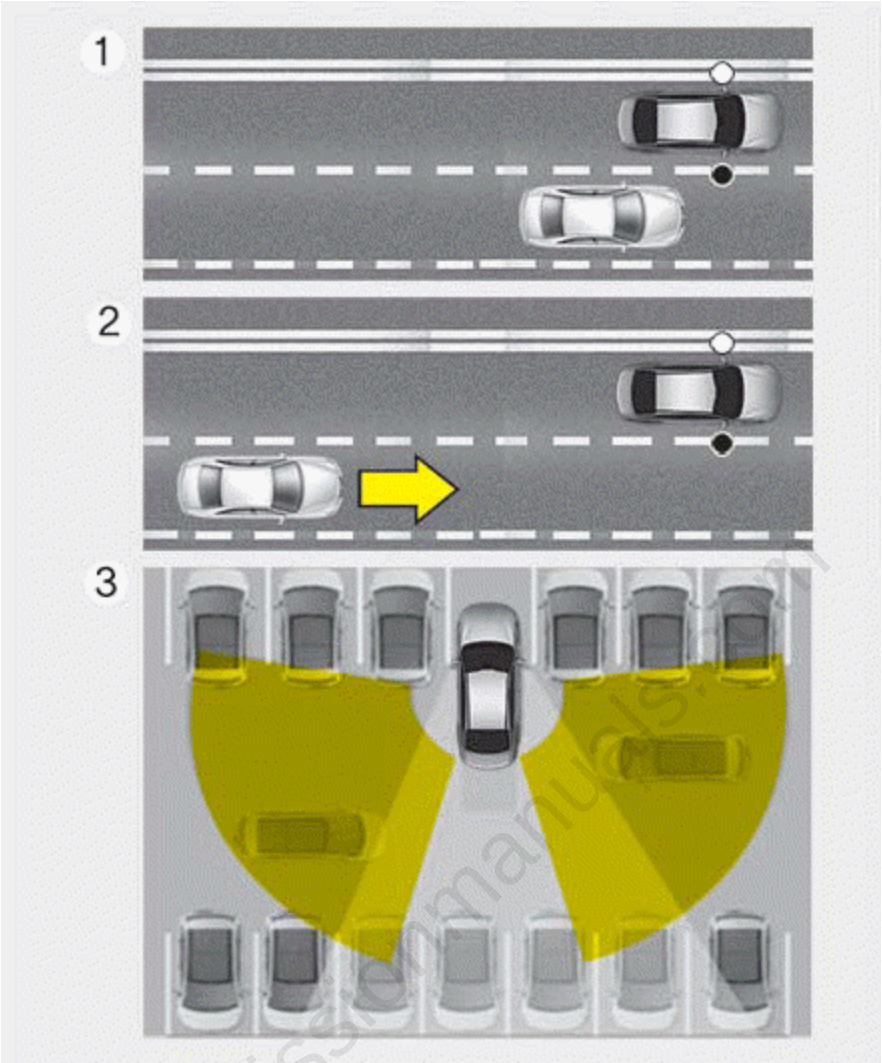
Kia Forte 2019-2023 (BD) Owners Manual: Fan speed control, Air conditioning

Fan speed control The ignition switch must be in the ON position for fan operation. The fan speed control knob allows you to control the fan speed of the air flowing from the ventilation system. To change the fan speed, turn the knob to the right for higher speed or left for lower sp ...

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Driving your vehicle / Blind-spot Collision Warning (BCW)

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The Blind-Spot Collision Warning (BCW) system uses radar sensors in the rear bumper to monitor and warn the driver of an approaching vehicle in the driver's blind spot area.

The system monitors the rear area of the vehicle and provides information to the driver with an audible alert and an indicator on the outside rearview mirrors.

WARNING

- *Always be aware of road conditions while driving and be alert for unexpected situations even though the BCW system is operating.*
- *The BCW is not a substitute for proper and safe driving. Always drive safely and use caution when changing lanes or backing up the vehicle. The BCW may not detect every object alongside the vehicle.*

(1) Blind spot area

The BCW range varies relative to vehicle speed. Note that if your vehicle is traveling much faster than the vehicles around you, the warning will not occur.

(2) Closing at high speed

The BCW-Closing at high speed feature will alert you when a vehicle is approaching in an adjacent lane at a high rate of speed. If the driver activates the turn signal when the system detects an oncoming vehicle, the system sounds an audible alert. Distance from an approaching vehicle can be seen differently according to the relative speed.

(3) RCCW (Rear Cross-Traffic Collision Warning)

The RCCW feature monitors approaching cross traffic from the left and right side of the vehicle when your vehicle is in reverse. The feature will operate when the vehicle is moving in reverse below about 10 km/h (6 mph). If oncoming cross traffic is detected, a warning chime will sound. Distance from an approaching vehicle can be seen differently according to the relative speed.

WARNING

- *Always check the road conditions while driving for unexpected situations even though the BCW (Blind-Spot Collision Warning) system is operating.*
- *BCW (Blind-Spot Collision Warning) system is a system made for convenience. Do not solely rely on the system but always pay attention to drive safely.*
- *Distance from an approaching vehicle can be seen differently according to the relative speed.*

- BCW (Blind-Spot Collision Warning) / LCA (Lane Change Assist)
- RCCW (Rear Cross-Traffic Collision Warning)
- Driver's Attention

Drive mode integrated control system

The drive mode may be selected according to the driver's preference or road condition. The mode changes whenever the DRIVE MODE button is pressed. SMART mode : SMART mode automatically ...

BCW (Blind-Spot Collision Warning) / LCA (Lane Change Assist)

Operating conditions The indicator on the switch will illuminate when the BCW (Blind-Spot Collision Warning) system switch is pressed with the ignition switch ON. If the vehicle speed excee ...

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Other information:

Kia Forte 2019-2023 (BD) Service Manual: Brake Pedal

Components and components location Components 1. Brake member assembly 2. Stop lamp switch 3. Pedal assembly Repair procedures Removal 1. Disconnect the negative battery terminal. 2. Remove the cr ...

Kia Forte 2019-2023 (BD) Service Manual: Intake Actuator

Description and operation Description The intake actuator is located at the blower unit. It regulates the intake door by a signal from the control unit. Pressing the intake selection switch will shift between recirculation and fresh air modes. Specifications Specificati ...

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