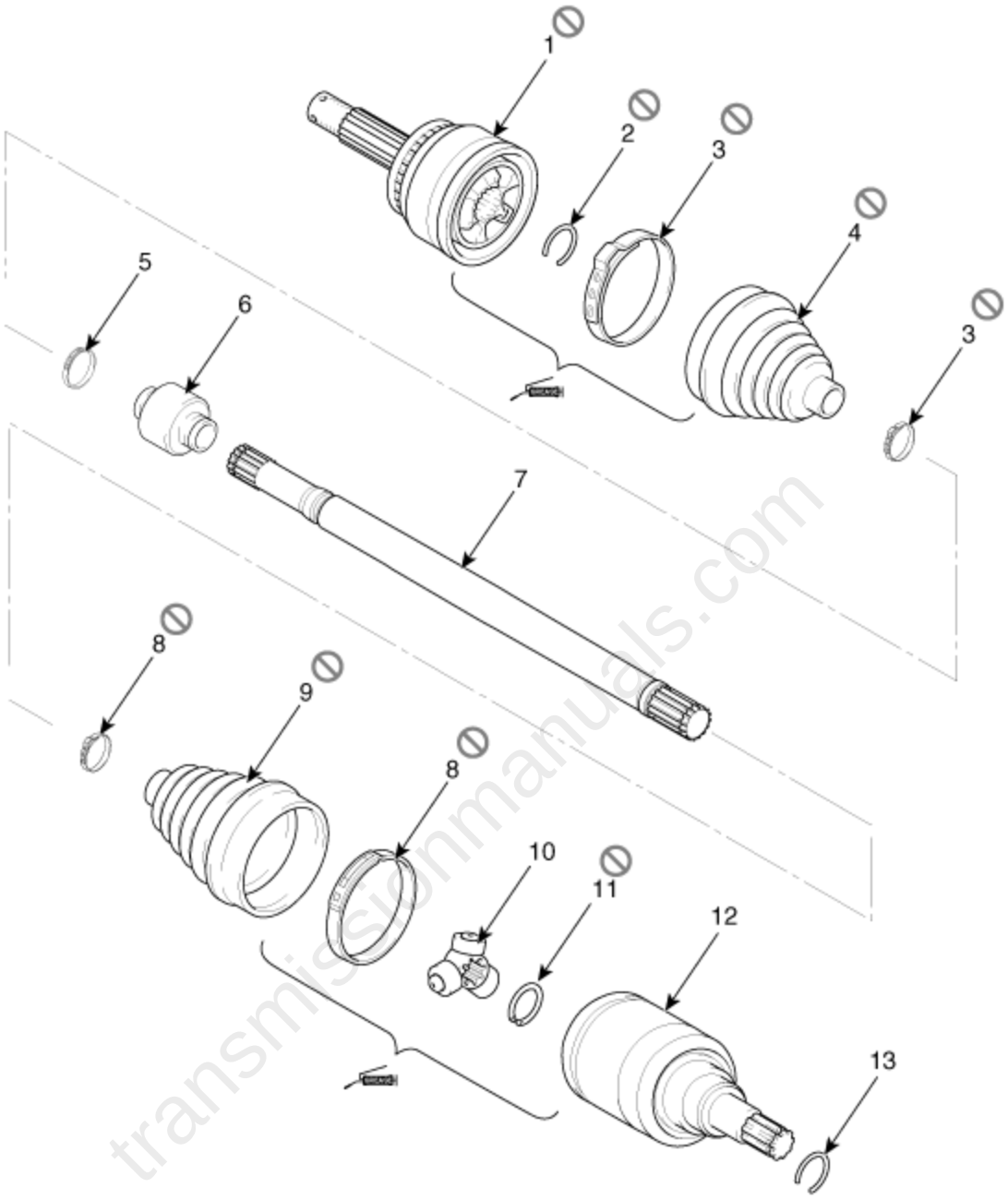
Driveshaft Assembly / TJ Joint

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Components and components location

Components

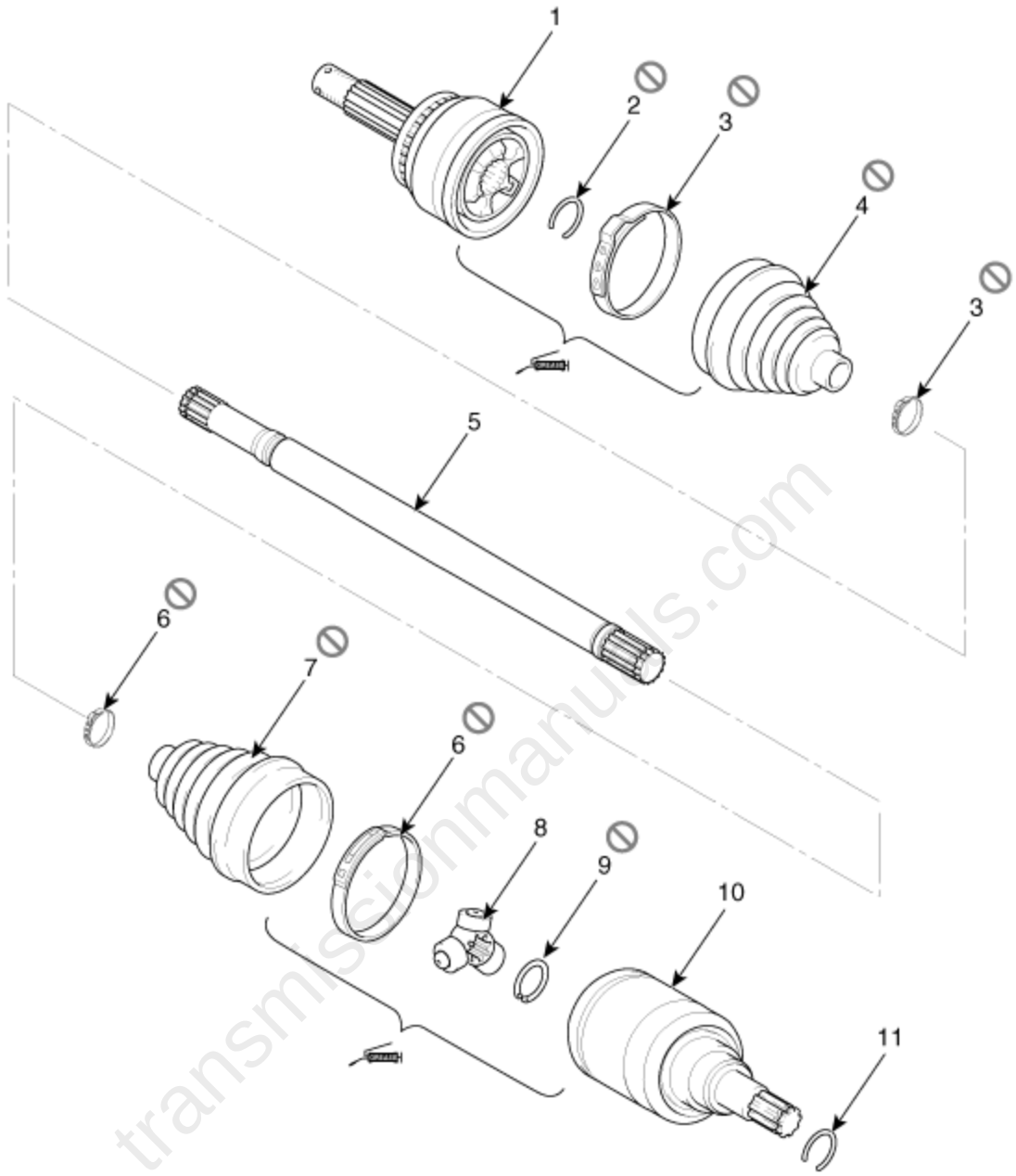
[RH]



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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

Disassembly

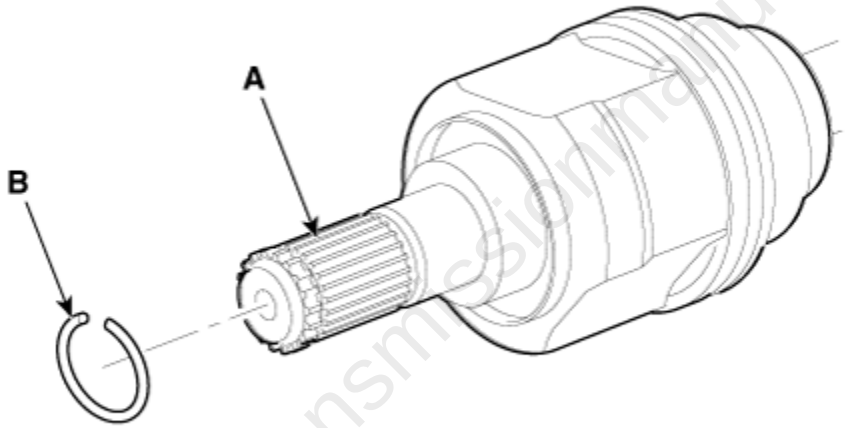
NOTICE

- 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.

1. Remove the Front Driveshaft.

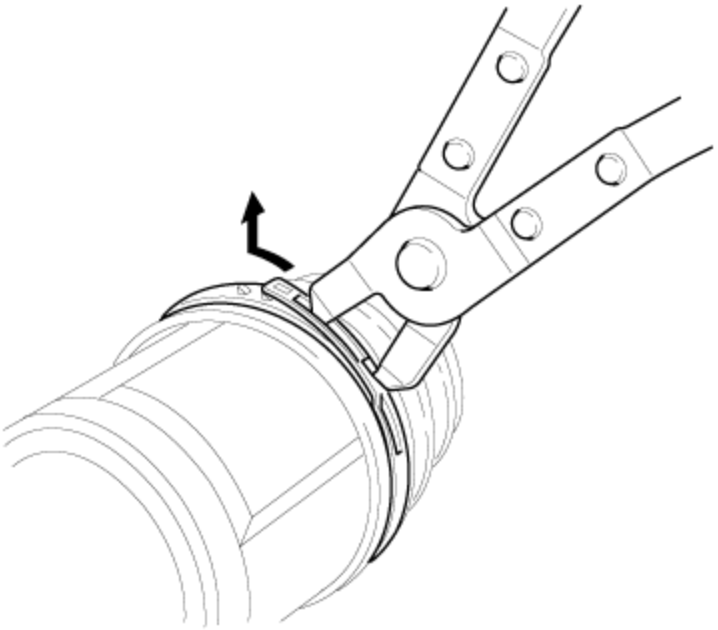
   (Refer to Driveshaft Assembly - “Front Driveshaft”)

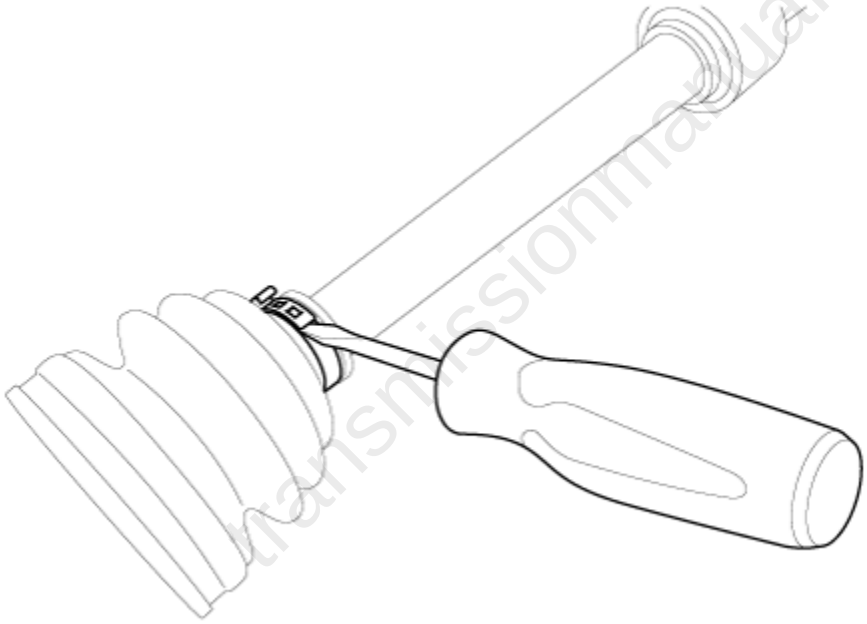
2. Remove the housing circlip (B) from the driveshaft spline (A).



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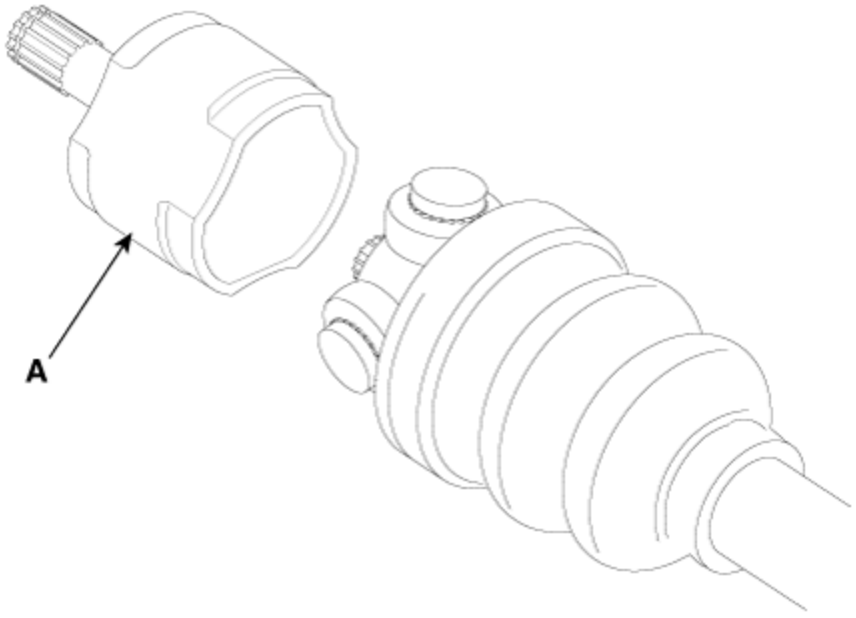
3. Remove both boot bands from the TJ housing.





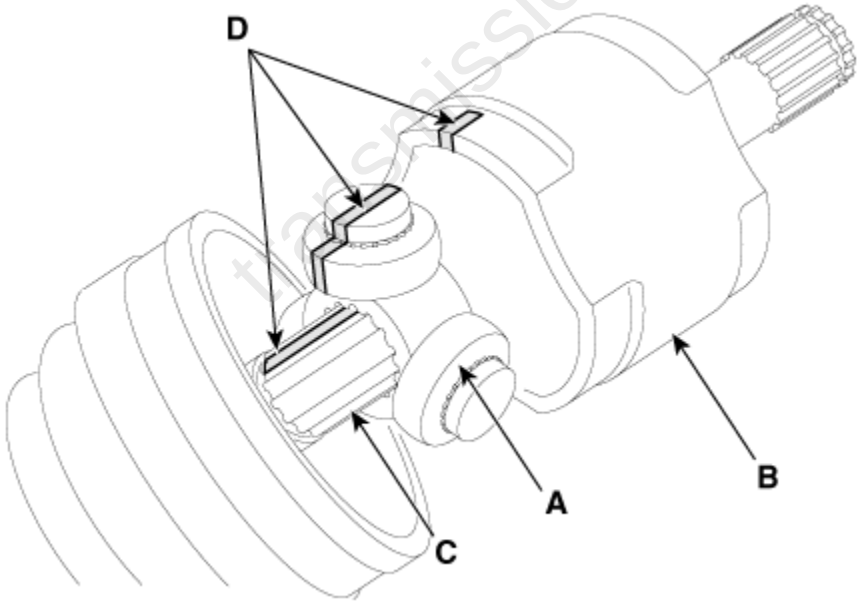
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4. Remove the TJ housing (A).



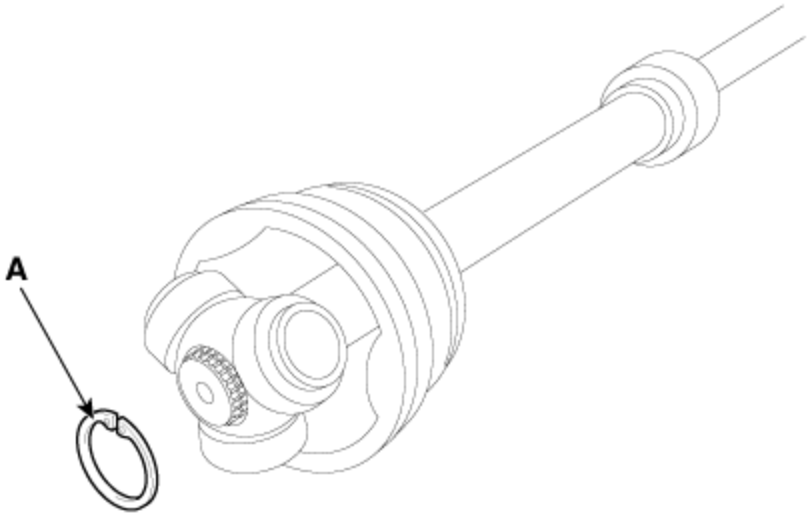
NOTICE

- Make alignment marks (D) on spider roller assembly (A), TJ housing (B), and shaft spline (C) to aid reassembly.

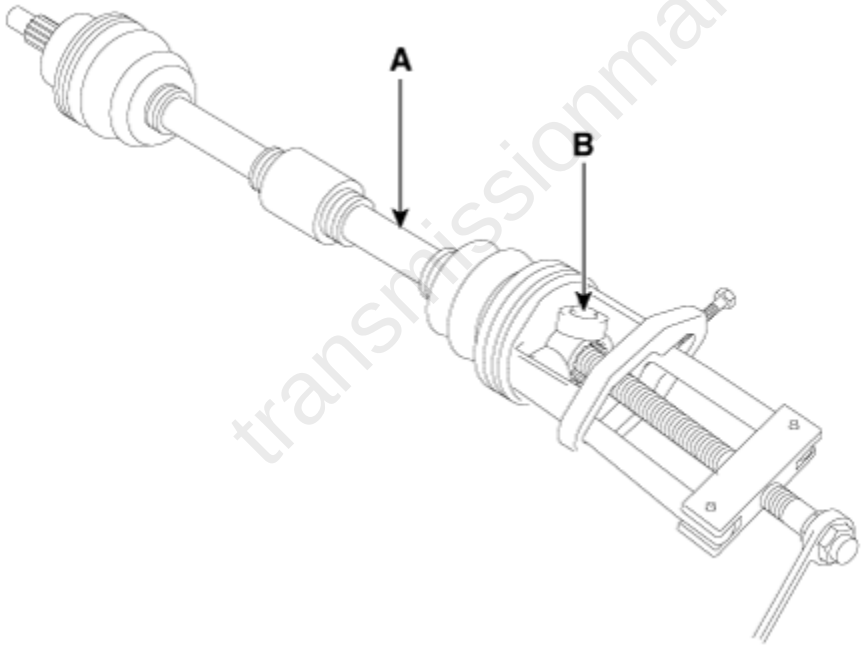


5. Remove the snap ring (A) from the shaft.

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6. Remove the spider assembly (B) from the driveshaft (A) using the puller.



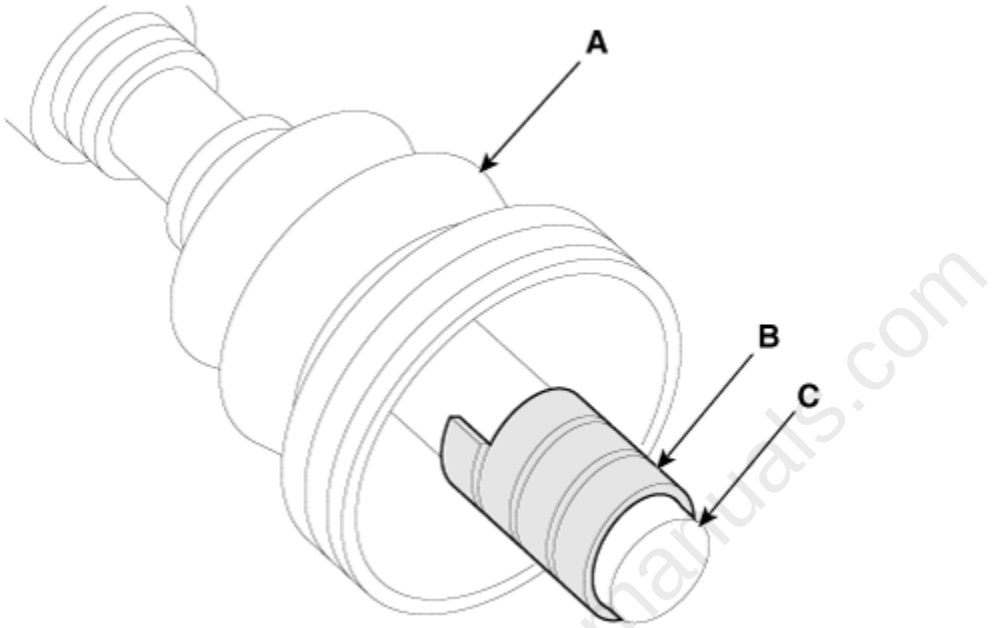
7. Clean the spider assembly.

8. Remove the TJ boot (A).

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NOTICE

- For reusing the boot (A), wrap tape (B) around the driveshaft splines (C) to protect the boot (A).



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Inspection

1. Check the spider assembly for roller rotation, wear or corrosion.

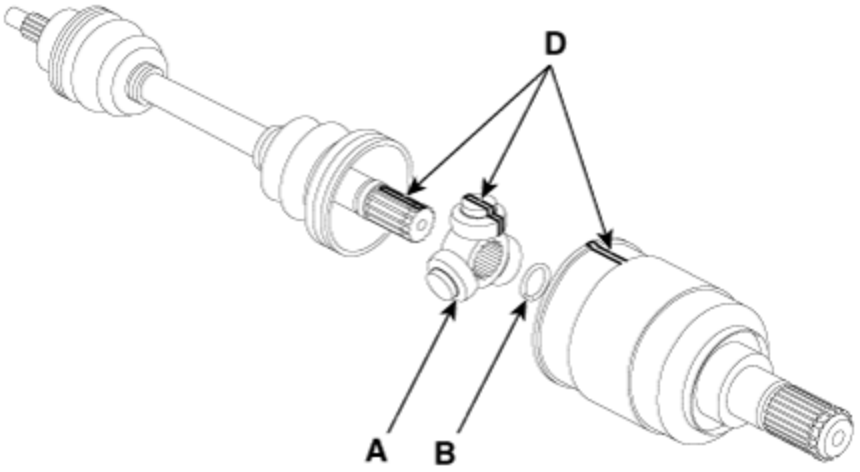
2. Check the groove inside the joint case for wear or corrosion.

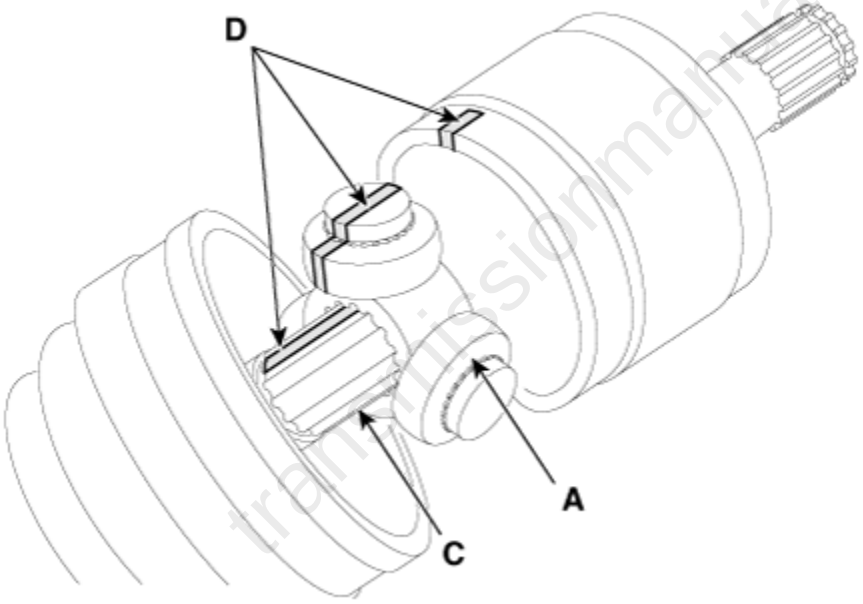
3. Check the TJ boots for damage and deterioration.

Reassembly

1. Wrap tape around the driveshaft spline (TJ) to prevent damaging the boot.

2. Using the alignment marks (D) made during disassembly as a guide, install the spider assembly (A) and snap ring (B) on the driveshaft splines (C).





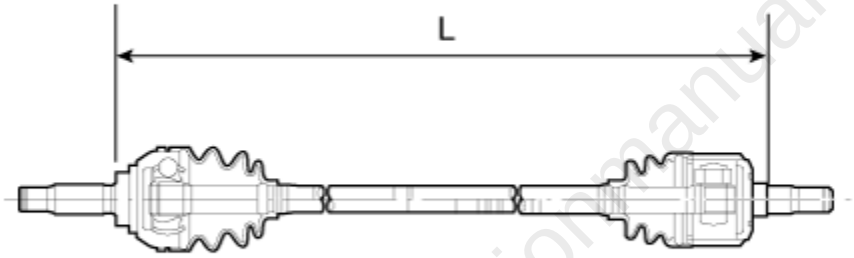
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3. Add specified grease to the joint boot as much as it was wiped away at inspection.

4. Install both boot bands.

5. To control the air in the TJ boot, keep the specified distance between the boot bands when they are tightened.

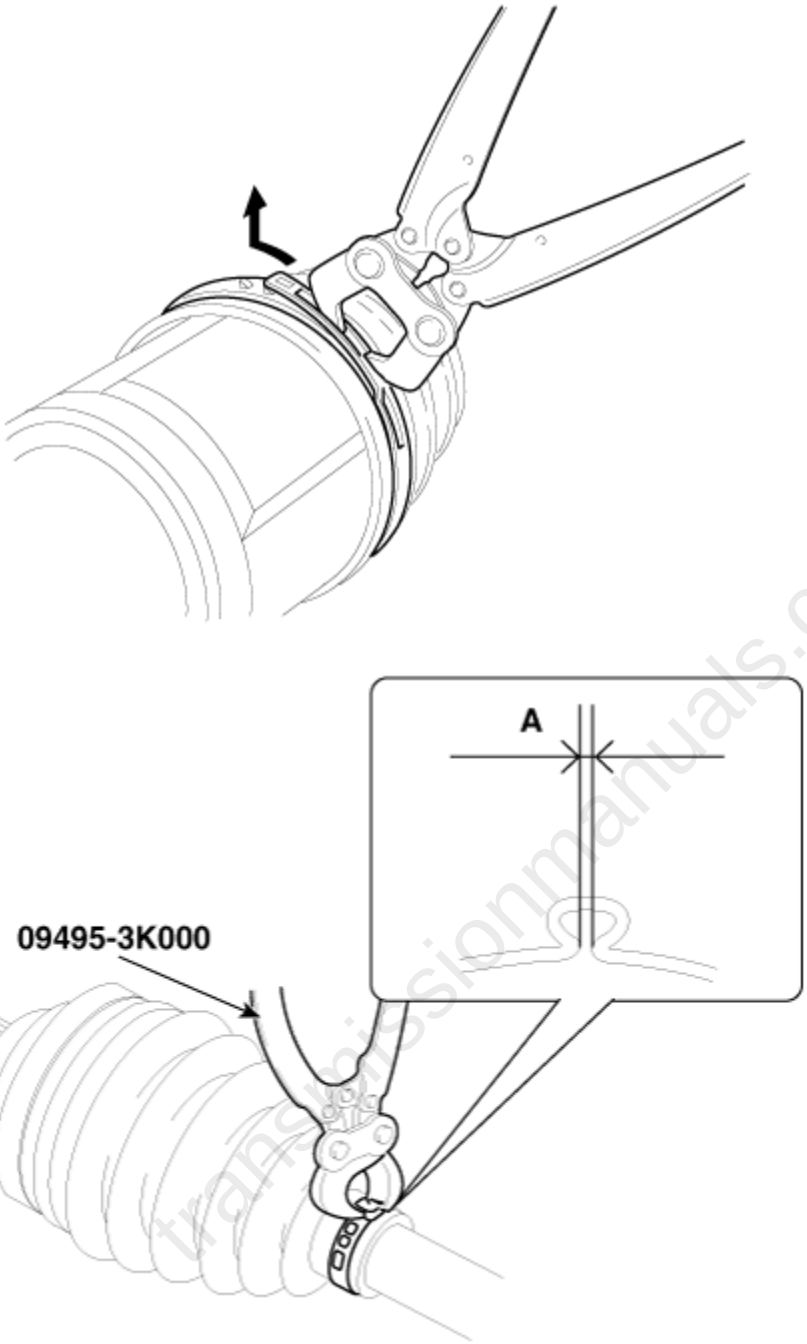
Engine	Distance (L) mm (in.)	
	LH side	RH side
Gamma 1.6 MPI (MT)	537.9 (21.1772)	834.2 (32.8425)
Gamma 1.6 MPI (AT)	525.2 (20.6772)	814.5 (32.0669)
Nu 2.0 MPI (MT)	545.6 (21.4803)	826.2 (32.5276)
Nu 2.0 MPI (AT)	525.2 (20.6772)	814.5 (32.0669)
Gamma 1.6 T-GDI (DCT)	498.7 (19.6339)	517.6 (20.3780)
Gamma 1.6 T-GDI (MT)	530.5 (20.8858)	517.7 (20.3819)
New U 1.6 (DCT)	498.7 (19.6339)	872.9 (34.3661)
New U 1.6 (MT)	530.6 (20.8898)	841.2 (33.1181)



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6. Using the SST (09495-3K000), secure the TJ boot bands.

   Clearance (A): 2.0 mm (0.0787 in.) or less



7.
Install the front driveshaft.

(Refer to Driveshaft Assembly - “Front Driveshaft”)

Front Driveshaft

Components and components location Components Location [Gamma 1.6 MPI, Nu 2.0 MPI, New U 1.6 TCI] 1. Drive shaft (LH) 2.

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.

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Drive shaft (RH) ... Dynami ...

Other information:

Kia Forte 2019-2023 (BD) Owners Manual: Automatic climate control system

1. Driver`s temperature control knob 2. AUTO (automatic control) button 3. Front windshield defroster button 4. Rear window defroster button 5. Air conditioning button 6. Air intake control button 7. Blower OFF button 8. Fan speed control button 9. Mode selection button 10. Passe ...

Kia Forte 2019-2023 (BD) Service Manual: Cruise Control System

Description and operation Description The cruise control system is engaged by the cruise "ON/OFF" main switch located on right of steering wheel column. The system has the capability to cruise, coast, accelerate and resume speed. It also has a safety interrupt, engaged ...

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Smart Cruise Control / To adjust the sensitivity of smart cruise control

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The sensitivity of vehicle speed when following the front vehicle to maintain the set distance can be adjusted. Go to the User Settings Mode (Driver Assistance) and SCC Reaction. You may select one of following three stages:

• Slow:

Vehicle speed to the vehicle ahead to maintain the set distance is slower than normal speed.

• Normal:

Vehicle speed to the vehicle ahead to maintain the set distance is normal

• Fast:

Vehicle speed to the vehicle ahead to maintain the set distance is faster than normal speed.

✻ *NOTICE*

The last selected mode remains in the system.

SCC (smart cruise control) malfunction message

■ Type A ■ Type B The message will appear when the vehicle to vehicle distance control system is not functioning normally. In this situation, take your vehicle to an authorized Kia de ...

To convert to cruise control mode

The driver may choose to only use the cruise control mode (speed control function) by doing as follows: 1. Turn the smart cruise control system on (the cruise indicator light will be on b ...

Other information:

Kia Forte 2019-2023 (BD) Owners Manual: On inclines, Lane changing

On inclines During uphill or downhill driving, the smart cruise control system may not immediately detect a moving vehicle in your lane, and may cause your vehicle to accelerate to the set speed. Also, the vehicle speed may rapidly decrease when the vehicle ahead is sudden ...

Kia Forte 2019-2023 (BD) Owners Manual: Sunroof

If your vehicle is equipped with a sunroof, you can slide or tilt your sunroof with the sunroof control lever located on the overhead console. The sunroof can only be opened, closed, or tilted when the ignition switch is in the ON position. The sunroof can be operated for approximate ...

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Cruise Control System / To cancel cruise control, do one of the following

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- Depress the brake pedal.
- Shift into N (Neutral) with an Intelligent Variable Transmission / Dual clutch transmission.
- Press the CANCEL switch.
- Decrease the vehicle speed lower than the memory speed by 20 km/h (12 mph).
- Decrease the vehicle speed to less than approximately 30 km/h (20 mph).

Each of these actions will cancel cruise control operation (The SET speed will disappear.), but it will not turn the system off. If you wish to resume cruise control operation, move the lever up (to RES+). You will return to your previously preset speed.

To decrease the cruising speed

Follow either of these procedures: Move the lever down (to SET-) and hold it.Your vehicle SET speed will decrease by 10 km/h (5 mph). Release the lever at the speed you want to maint ...

To resume cruising speed at more than approximately 30 km/h (20 mph)

If any method other than the CRUISE ON-OFF switch was used to cancel cruising speed and the system is still activated, the most recent set speed will automatically resume when you move the ...

Other information:

Kia Forte 2019-2023 (BD) Owners Manual: High Beam Assist

The High Beam Assist is a system that automatically adjusts the headlamp range (switches between high beam and low beam) according to the brightness of other vehicles and road conditions. Operating condition 1.Place the light switch in the AUTO position. 2.Turn on the high beam by p ...

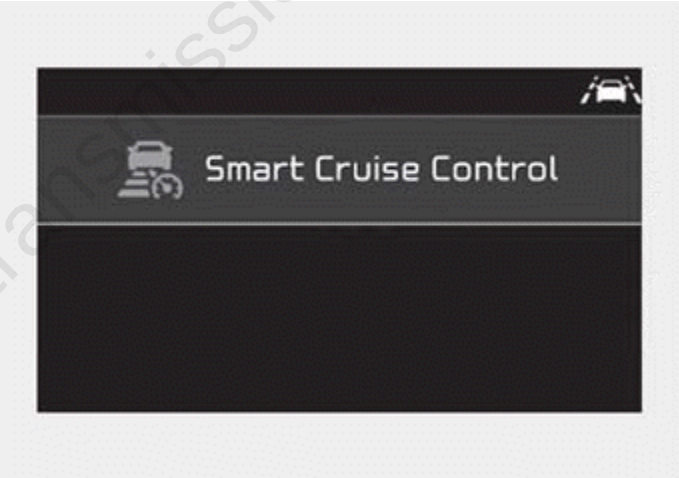
Kia Forte 2019-2023 (BD) Owners Manual: Normal Maintenance Schedule - Non Turbo Models

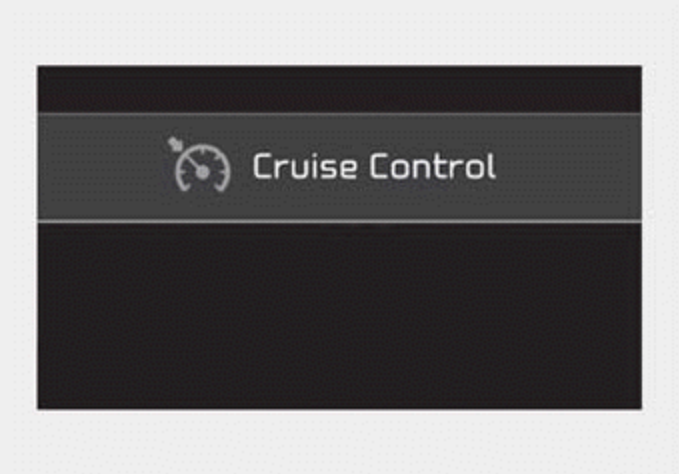
The following maintenance services must be performed to ensure good emission control and performance. Keep receipts for all vehicle emission services to protect your warranty. Where both mileage and time are shown, the frequency of service is determined by whichever occurs first. I : Insp ...

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Smart Cruise Control / To convert to cruise control mode

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The driver may choose to only use the cruise control mode (speed control function) by doing as follows:

1. Turn the smart cruise control system on (the cruise indicator light will be on but the system will not be activated).

2. Push the distance to distance switch for more than 2 seconds.

3. Choose between "Smart Cruise Control" and "Cruise Control".

When the system is canceled using the CRUISE button or the CRUISE button is used after the engine is turned on, the Smart Cruise Control mode will turn on.

WARNING

When using the cruise control mode, you must manually assess the distance to other vehicles as the system will not automatically brake to slow down for other vehicles.

To adjust the sensitivity of smart cruise control

The sensitivity of vehicle speed when following the front vehicle to maintain the set distance can be adjusted. Go to the User Settings Mode (Driver Assistance) and SCC Reaction. You may sel ...

Limitations of the system

The smart cruise control system may have limits to its ability to detect distance to the vehicle ahead due to road and traffic conditions. On curves On curves, the smart cruise control ...

Other information:

Kia Forte 2019-2023 (BD) Owners Manual: Seat

Driver’s seat (1) Forward and backward (2) Seatback angle (3) Seat cushion tilt (4) Seat height (5) Lumbar support* (6) Headrest Front passenger’s seat (7) Forward and backward (8) Seatback angle (9) Headrest Rear seat (10) Armrest (11) Headrest WARNING - Loose objects D ...

Kia Forte 2019-2023 (BD) Owners Manual: Electronic stability control (ESC)

The Electronic Stability control (ESC) system is designed to stabilize the vehicle during cornering maneuvers. ESC checks where you are steering and where the vehicle is actually going. ESC applies the brakes on individual wheels and intervenes with the engine management system to ...

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Smart Cruise Control speed / To decrease the cruise control set speed

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Follow either of these procedures:

- Move the lever down (to SET-), and hold it. Your vehicle set speed will decrease by 10 km/h (5 mph). Release the lever at the speed you want.
- Move the lever down (to SET-), and release it immediately. The cruising speed will decrease by

1.0 km/h (1.0 mph) each time you move the lever down (to SET-) in this manner.
- You can set the speed to 30 km/h (20 mph).

To temporarily accelerate with the cruise control on:

If you want to speed up temporarily when the cruise control is on, depress the accelerator pedal. Increased speed will not interfere with cruise control operation or change the set speed.

To return to the set speed, take your foot off the accelerator.

If you move the lever down (to SET-) at increased speed, the cruising speed will be set again.

✻ *NOTICE*

Be careful when accelerating temporarily, because the speed is not controlled automatically at this time even if there is a vehicle in front of you.

To increase cruise control set speed

Follow either of these procedures: Move the lever up (to RES+), and hold it. Your vehicle set speed will increase by 10 km/h (5 mph). Release the lever at the speed you want. Move ...

Smart cruise control will be temporarily canceled when

Cancelled manually The smart cruise control is temporarily canceled when the brake pedal is depressed or the CANCEL button is pressed. Depress the brake pedal and press the CANCEL button at ...

Other information:

Kia Forte 2019-2023 (BD) Owners Manual: Important safety precautions

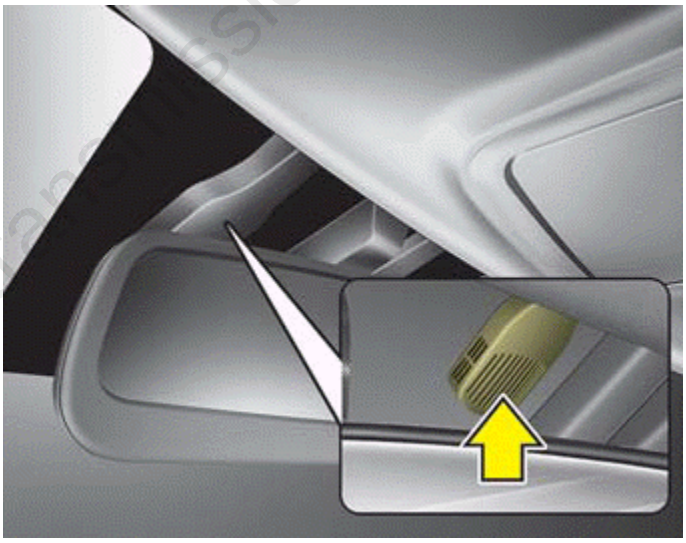
You will find many safety precautions and recommendations throughout this section, and throughout this manual. The safety precautions in this section are among the most important. Always wear your seat belt A seat belt is your best protection in all types of accidents. Air bags are des ...

Kia Forte 2019-2023 (BD) Service Manual: Windshield Wiper/Washer

Components and components location Component Location 1. Washer reservoir & Pump assembly 2. Wiper arm & blade 3. Multifunction switch 4. Wiper motor & linkage assembly 5. Wiper/Washer relay ...

Cruise Control System / To decrease the cruising speed

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Follow either of these procedures:

- Move the lever down (to SET-) and hold it.Your vehicle SET speed will decrease by 10 km/h (5 mph). Release the lever at the speed you want to maintain.
- Move the lever down (to SET-) and release it immediately. The cruising speed will decrease by 1 km/h (1.0 mph) each time the lever is operated in this manner.

To temporarily accelerate with the cruise control on:

If you want to speed up temporarily when the cruise control is on, depress the accelerator pedal. Increased speed will not interfere with the cruise control operation or change the set speed.

To return to the set speed, take your foot off the accelerator.

To increase cruise control set speed

Follow either of these procedures: Move the lever up (to RES+) and hold it.Your vehicle SET speed will increase by 10 km/h (5 mph). Release the lever at the speed you want. Move th ...

To cancel cruise control, do one of the following

Depress the brake pedal. Shift into N (Neutral) with an Intelligent Variable Transmission / Dual clutch transmission. Press the CANCEL switch. Decrease the vehicle speed lower than ...

Other information:

Kia Forte 2019-2023 (BD) Service Manual: Front Seat Shield Outer Cover

Components and components location Component Location 1. Front seat shield outer cover Repair procedures Replacement Put on gloves to prevent hand injuries. ...

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

Repair procedures Replacement [Bench back type] • When removing with a flat - tip screwdriver or remover, wrap protective tape around the tools to prevent damage to components. ...

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Appearance care / To help prevent corrosion

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You can help prevent corrosion from beginning by observing the following:

Keep your vehicle clean

The best way to prevent corrosion is to keep your vehicle clean and free of corrosive materials. Attention to the underside of the vehicle is particularly important.

- If you live in a high-corrosion area — where road salts are used, near the ocean, areas with industrial pollution, acid rain, etc.—, you should take extra care to prevent corrosion. In winter, hose off the underside of your vehicle at least once a month and be sure to clean the underside thoroughly when winter is over.
- When cleaning underneath the vehicle, give particular attention to the components under the fenders and other areas that are hidden from view. Do a thorough job; just dampening the accumulated mud rather than washing it away will accelerate corrosion rather than prevent it. Water under high pressure and steam are particularly effective in removing accumulated mud and corrosive materials.
- When cleaning lower door panels, rocker panels and frame members, be sure that drain holes are kept open so that moisture can escape and not be trapped inside to accelerate corrosion.

Keep your garage dry

Don't park your vehicle in a damp, poorly ventilated garage. This creates a favorable environment for

corrosion. This is particularly true if you wash your vehicle in the garage or drive it into the garage when it is still wet or covered with snow, ice or mud. Even a heated garage can contribute to corrosion unless it is well ventilated so moisture is dispersed.

Keep paint and trim in good condition

Scratches or chips in the finish should be covered with "touch-up" paint as soon as possible to reduce the possibility of corrosion. If bare metal is showing through, the attention of a qualified body and paint shop is recommended.

Bird droppings : Bird droppings are highly corrosive and may damage painted surfaces in just a few hours. Always remove bird droppings as soon as possible.

Don't neglect the interior

Moisture can collect under the floor mats and carpeting and cause corrosion. Check under the mats periodically to be sure the carpeting is dry. Use particular care if you carry fertilizers, cleaning materials or chemicals in the vehicle.

These should be carried only in proper containers and any spills or leaks should be cleaned up, flushed with clean water and thoroughly dried.

Exterior care

Exterior general caution It is very important to follow the label directions when using any chemical cleaner or polish. Read all warning and caution statements that appear on the label. Fini ...

Interior care

Interior general precautions Prevent chemicals such as perfume, cosmetic oil, sun cream, hand cleaner, and air freshener from contacting the interior parts because they may cause damage or di ...

Other information:

Kia Forte 2019-2023 (BD) Service Manual: Evaporator Core

Repair procedures Replacement 1. Disconnect the negative (-) battery terminal. 2. Remove the heater and blower unit from the crash pad after loosening the mounting nuts. (Refer to Heater - "Heater Unit") 3. ...

Kia Forte 2019-2023 (BD) Service Manual: Rear Seat Back Cover

Components and components location Component Location 1. Rear seat back cover [RH] 2. Rear seat back cover [LH] Repair procedures Replacement (Bench back type) 1. Remove the rear seat back assembly. (Refer to Rear ...

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Cruise Control System / To increase cruise control set speed

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Follow either of these procedures:

- Move the lever up (to RES+) and hold it.Your vehicle SET speed will increase by 10 km/h (5 mph). Release the lever at the speed you want.
- Move the lever up (to RES+) and release it immediately. The cruising speed will increase by 1 km/h (1.0 mph) each time the lever is operated in this manner.

To set cruise control speed

1. Press the CRUISE button on the steering wheel to turn the system on. The CRUISE indicator light in the instrument cluster will illuminate. 2. Accelerate to the desired speed, which must ...

To decrease the cruising speed

Follow either of these procedures: Move the lever down (to SET-) and hold it.Your vehicle SET speed will decrease by 10 km/h (5 mph). Release the lever at the speed you want to maint ...

Other information:

Kia Forte 2019-2023 (BD) Owners Manual: Headlamp (LED type) replacement (Headlamp Type C)

If the Low/High beam lamp(1), Day time running lamp/Position lamp(2), side marker(3) do not operate, have the vehicle checked by an authorized Kia dealer. The LED lamp cannot be replaced as a single component because it is an integrated unit. The LED lamp has to be replaced with the ...

Kia Forte 2019-2023 (BD) Owners Manual: Exterior care

Exterior general caution It is very important to follow the label directions when using any chemical cleaner or polish. Read all warning and caution statements that appear on the label. Finish maintenance Washing To help protect your vehicle’s finish from rust and deterioration, wash ...

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Smart Cruise Control speed / To increase cruise control set speed

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Follow either of these procedures:

- Move the lever up (to RES+), and hold it. Your vehicle set speed will increase by 10 km/h (5 mph). Release the lever at the speed you want.
- Move the lever up (to RES+), and release it immediately. The cruising speed will increase by

1.0 km/h (1.0 mph) each time you move the lever up (to RES+) in this manner.

- You can set the speed to a maximum of 180 km/h (110 mph). However, all speed limit laws must be followed.

CAUTION

Check the driving condition before using the toggle switch. Driving speed sharply increases when you push up and hold the toggle switch.

Smart Cruise Control speed

To set Smart Cruise Control Speed : 1. Press the CRUISE button to turn the system on. The CRUISE indicator in the instrument cluster will illuminate. 2. Accelerate to the desired speed. T ...

To decrease the cruise control set speed

Follow either of these procedures: Move the lever down (to SET-), and hold it. Your vehicle set speed will decrease by 10 km/h (5 mph). Release the lever at the speed you want. Mov ...

Other information:

Kia Forte 2019-2023 (BD) Owners Manual: Emergency trunk safety release

Your vehicle is equipped with an emergency trunk release lever located inside the trunk. If someone is inadvertently locked in the trunk, moving the handle in the direction of the arrow will release the trunk latch mechanism and open the trunk. No one should be allowed to occupy the ...

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

Components and components location Component Location [4 Door] 1. Rear pillar trim [5 Door] 1. Rear pillar trim Repair procedures Replacement [4 Door] ...

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Smart Cruise Control speed / To resume cruise control set speed

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Reset

If any method other than the “RES+” or “SET-“ lever was used to cancel cruising speed and the system is still activated, the cruising speed will automatically resume when you push the lever up (RES+) or down (SET-).

If you push the lever up (RES+), the speed will resume to the recently set speed. However, if vehicle speed is between 10 km/h (6 mph) and 30 km/h (20 mph), it will resume when there is a vehicle in front of your vehicle.

WARNING

To reduce the risk of an accident, always check the road conditions when reactivating the smart cruise control using the RES+ lever to ensure the road conditions permit safe use of the cruise control.

Smart cruise control will be temporarily canceled when

Cancelled manually The smart cruise control is temporarily canceled when the brake pedal is depressed or the CANCEL button is pressed. Depress the brake pedal and press the CANCEL button at ...

To turn cruise control off

Press the CRUISE button. (the CRUISE indicator in the instrument cluster will go off). When the Smart Cruise Control System is not needed, press the [CRUISE] switch and deactivate the sys ...

Other information:

Kia Forte 2019-2023 (BD) Owners Manual: Engine coolant

The high-pressure cooling system has a reservoir filled with year round antifreeze coolant. The reservoir is filled at the factory. Check the antifreeze protection and coolant level at least once a year: at the beginning of the winter season, and before traveling to a colder climate. C ...

Kia Forte 2019-2023 (BD) Service Manual: Front Oil Seal

Components and components location Components 1. Front oil seal Repair procedures Replacement 1. Remove the crankshaft damper pulley. (Refer to Drive Belt System - "Crankshaft Damper Pulley") 2. ...

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Cruise Control System / To resume cruising speed at more than approximately 30 km/h (20 mph)

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If any method other than the CRUISE ON-OFF switch was used to cancel cruising speed and the system is still activated, the most recent set speed will automatically resume when you move the lever up.

It will not resume, however, if the vehicle speed has dropped below approximately 30 km/h (20 mph).

To cancel cruise control, do one of the following

Depress the brake pedal. Shift into N (Neutral) with an Intelligent Variable Transmission / Dual clutch transmission. Press the CANCEL switch. Decrease the vehicle speed lower than ...

To turn cruise control off, do one of the following

Press the CRUISE button (The CRUISE status on the LCD screen will disappear). Turn the ignition off. Both of these actions will cancel the cruise control operation. If you want to ...

Other information:

Kia Forte 2019-2023 (BD) Service Manual: Emergency Call (E-Call) Switch

Schematic diagrams Circuit Diagram Repair procedures Replacement 1. If the E-Call switch needs to be replaced, replace the overhead console lamp assembly. (Refer to Lighting System - "Overhead Console Lamp") ...

Kia Forte 2019-2023 (BD) Service Manual: Ambient Temperature Sensor

Description and operation Description The ambient temperature sensor is located at the front of the condenser and detects ambient air temperature. It is a negative type thermistor; resistance will increase with lower temperature, and decrease with higher temperature. The sensor o ...

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Cruise Control System / To set cruise control speed

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1. Press the CRUISE button on the steering wheel to turn the system on. The CRUISE indicator light in the instrument cluster will illuminate.

2. Accelerate to the desired speed, which must be more than 30 km/h (20 mph).



3. Move the lever down (to SET-), and release it at the desired speed. The SET speed on the LCD screen will appear. Release the accelerator at the same time. The desired speed will automatically be maintained.

On a steep grade, the vehicle may slow down slightly when driving uphill or speed up slightly while going downhill.

Cruise Control System

The cruise control system allows you to program the vehicle to maintain a constant speed without depressing the accelerator pedal. This system is designed to function above approximately 30 ...

To increase cruise control set speed

Follow either of these procedures: Move the lever up (to RES+) and hold it.Your vehicle SET speed will increase by 10 km/h (5 mph). Release the lever at the speed you want. Move th ...

Other information:

Kia Forte 2019-2023 (BD) Service Manual: Height Adjust

Components and components location Component Location 1. Height adjust Repair procedures Replacement 1. Remove the front seat belt upper anchor. (Refer to Front Seat Belt - "Front Seat Belt Pretensioner") ...

Kia Forte 2019-2023 (BD) Service Manual: Cowl Side Trim

Components and components location Component Location 1. Cowl side trim Repair procedures Replacement Put on gloves to prevent hand injuries. ...

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Cruise Control System / To turn cruise control off, do one of the following

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- Press the CRUISE button (The CRUISE status on the LCD screen will disappear).
- Turn the ignition off.

Both of these actions will cancel the cruise control operation. If you want to resume the cruise control operation, repeat the steps provided in “To set cruise control speed” on the previous page.

To resume cruising speed at more than approximately 30 km/h (20 mph)

If any method other than the CRUISE ON-OFF switch was used to cancel cruising speed and the system is still activated, the most recent set speed will automatically resume when you move the ...

Smart Cruise Control

① Cruise indicator ② Set speed ③ Vehicle-to-vehicle distance The smart cruise control system allows you to program the vehicle to maintain a constant speed and predetermined distanc ...

Other information:

Kia Forte 2019-2023 (BD) Service Manual: Crankshaft

Components and components location Components 1. Crankshaft sprocket 2. Crankshaft thrust bearing 3. Crankshaft upper main bearing 4. Crankshaft 5. CKPS wheel 6. Crankshaft lower main bearing 7. Crankshaft main bearing cap 8. Pilot bearing (...

Kia Forte 2019-2023 (BD) Owners Manual: Air intake control

This is used to select the outside (fresh) air position or recirculated air position. To change the air intake control position, push the control button. Recirculated air position With the recirculated air position selected, air from the passenger compartment will be drawn throu ...

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Smart Cruise Control speed / To turn cruise control off

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Press the CRUISE button. (the CRUISE indicator in the instrument cluster will go off).

When the Smart Cruise Control System is not needed, press the [CRUISE] switch and deactivate the system.

• Press the CRUISE button (The CRUISE indicator light will go off.).

To resume cruise control set speed

Reset If any method other than the “RES+” or “SET-“ lever was used to cancel cruising speed and the system is still activated, the cruising speed will automatically resume when you ...

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 pe ...

Other information:

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

Components and components location Components 1. Windshield glass 2. Windshield glass molding Repair procedures Replacement [Removal] Put on gloves to prevent hand ...

Kia Forte 2019-2023 (BD) Service Manual: Inhibitor Switch

Components and components location Component Location 1. Inhibitor switch 2. Manual control lever Specifications Specification Item Specification Power supply 12 V ...

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Top pages

1. Kia Forte 2019-2023 (BD) Service Manual - 41085
2. Kia Forte 2019-2023 (BD) Owners Manual - 21930
3. Check tire pressure - 11836
4. System malfunction - 5175
5. Changing tires - 4244
6. Drive mode integrated control system - 3963
7. Front seat adjustment -manual - 3931
8. Timing Chain - 3804
9. Driver’s side fuse panel - 3726
10. Engine Mechanical System - 3538
11. Immobilizer system - 3465
12. Sensor to detect the distance from the vehicle in front (front radar/camera) - 3401
13. Air Conditioning System - 3392
14. Engine Oil and Filter - 3375
15. Body (Interior and Exterior) - 3201
16. Body Electrical System - 3125
17. Normal Condition - 3048
18. External AMP - 2979
19. Front Camera System - 2918
20. Lighting System - 2899
21. Power Train - 2847
22. Battery replacement - 2768
23. Maintenance Schedule - 2747
24. Integrated Central Control Unit (ICU) - 2580

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25. Trunk - 2559
26. Speaker - 2523
27. Floor Console Assembly - 2401
28. Audio - 2348
29. Smart trunk - 2346
30. Audio Unit - 2330

Top categories

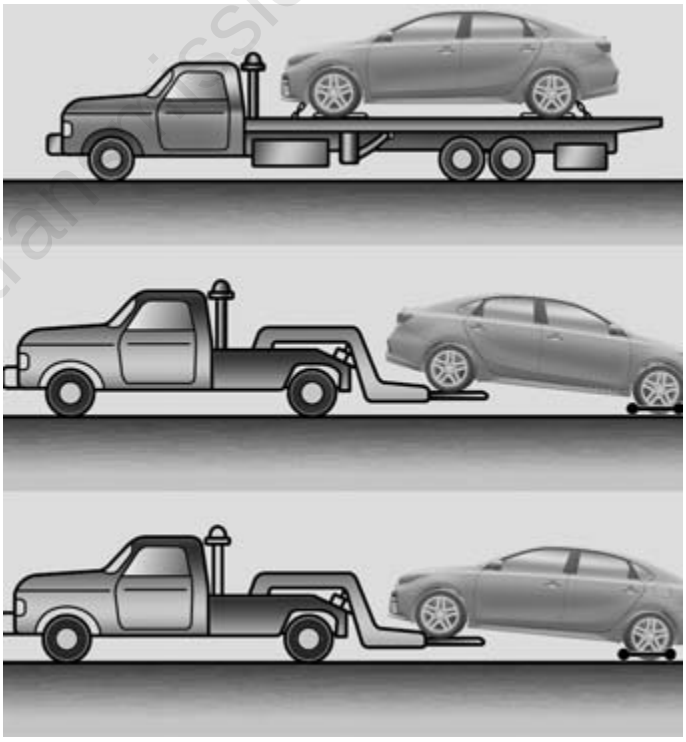
1. Kia Forte 2019-2023 (BD) Service Manual - 355695
    1. Body Electrical System - 63789
    2. Body (Interior and Exterior) - 54504
    3. Engine Mechanical System - 38167
    4. Maintenance - 29823
    5. Brake System - 17374
    6. Suspension System - 17338
    7. Engine Control / Fuel System - 16408
    8. Heating, Ventilation and Air Conditioning - 16049
    9. Engine Electrical System - 15307
    10. DCT(Dual Clutch Transmission) System - 11470
    11. General Information - 7094
    12. Steering System - 7092
    13. Emission Control System - 5061
    14. Clutch System - 4268
    15. Restraint - 4257
    16. Manual Transaxle System - 3499
    17. Driveshaft and axle - 3110
18. Kia Forte 2019-2023 (BD) Owners Manual - 236184
    1. Features of your vehicle - 80082
    2. Driving your vehicle - 49811
    3. Maintenance - 35235
    4. What to do in an emergency - 23483
    5. Safety features of your vehicle - 16742
    6. Your vehicle at a glance - 5177
    7. Specifications & Consumer information - 3724

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What to do in an emergency / Towing

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Towing service



If emergency towing is necessary, we recommend having it done by an authorized Kia dealer or a

commercial tow-truck service. Proper lifting and towing procedures are necessary to prevent damage to the vehicle. The use of wheel dollies or flatbed is recommended.

It is acceptable to tow the vehicle with the rear wheels on the ground (without dollies) and the front wheels off the ground.

If any of the loaded wheels or suspension components are damaged or the vehicle is being towed with the front wheels on the ground, use a towing dolly under the front wheels.

When being towed by a commercial tow truck and wheel dollies are not used, the front of the vehicle should always be lifted, not the rear.

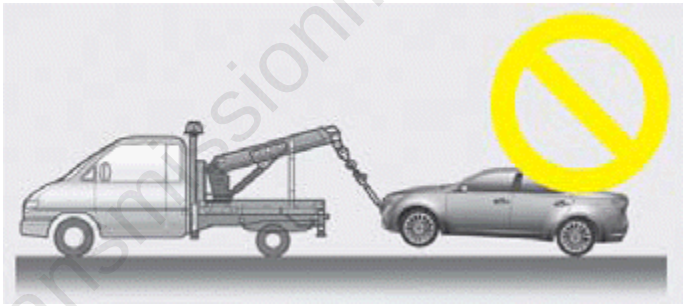
✻ *NOTICE*

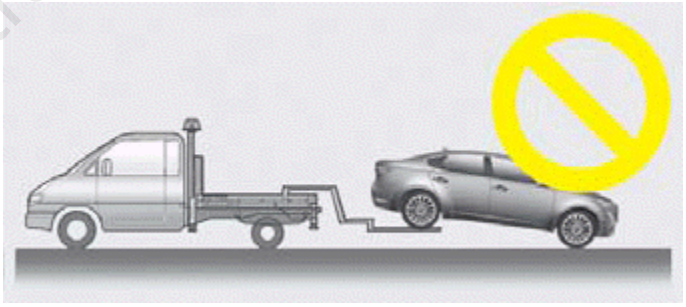
If the EPB does not release normally, take your vehicle to an authorized Kia dealer by loading the vehicle on a flatbed tow truck and have the system checked.

WARNING - Side and curtain Air bag

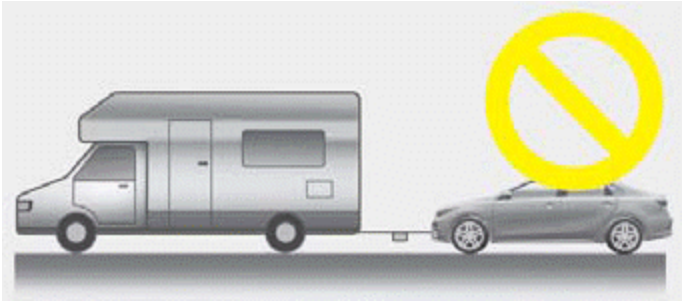
If your vehicle is equipped with side and curtain air bags, set the ignition switch to the LOCK or ACC position when the vehicle is being towed.

The side and curtain air bag may deploy when the ignition is in the ON position, and the rollover sensor detects a rollover situation.





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CAUTION - Towing

- *Do not tow the vehicle backwards with the front wheels on the ground as this may cause damage to the vehicle.*
- *Do not tow with sling-type equipment. Use wheel lift or flatbed equipment.*
- *Do not tow the vehicle with four wheels in contact with the ground if it is a vehicle equipped with DCT or IVT. Otherwise, the transmission will be seriously damaged. Also, make sure not to tow the vehicle connecting it with other vehicles including camper vans.*

When towing your vehicle in an emergency without wheel dollies :

1. Set the ignition switch in the ACC position.

2. Place the transmission shift lever in N (Neutral).

3. Release the parking brake.

CAUTION - Towing gear position

Failure to place the transmission shift lever in N (Neutral) may cause internal damage to the transmission.

- Removable towing hook
- Emergency towing

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Technical Data

- For 15/16 inch tire System voltage: DC 12 V Working voltage: DC 10 - 15 V Amperage rating: MAX. 10 ± 1 A (at DC 12V operation) Suitable for use at temperatures: -30 ~ +70°C (-22 ~ +158°F) ...

Removable towing hook

■ Front 1. Open the tailgate, and remove the towing hook from the tool case. 2. Remove the hole cover pressing the lower (front) part of the cover on the bumper. 3. Install the towing hoo ...

Other information:

Kia Forte 2019-2023 (BD) Service Manual: DCT Control Module (TCM)

Schematic diagrams TCM Connector TCM Terminal Function Connector [A] Pin Description Pin Description 1 Clutch actuator (Clutch motor 1 (Odd)_Phase V) 15 Clutch act ...

Kia Forte 2019-2023 (BD) Service Manual: Smart Cruise Control Unit

Specifications Specification Item Specification Power supply(V) 12 Operation voltage (V) 9 - 16 Components and components location Component Location Description and oper ...

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