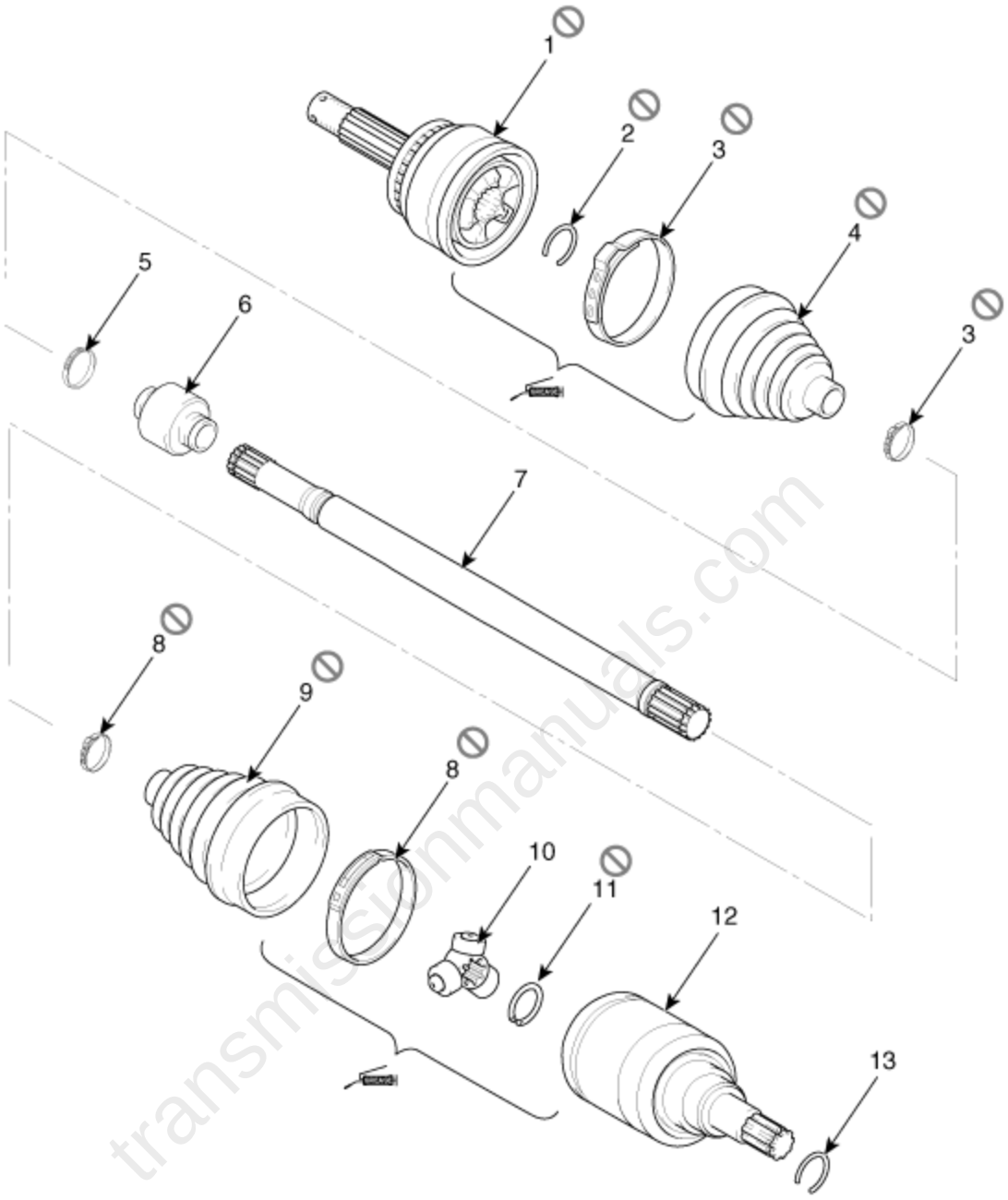
Driveshaft Assembly / Dynamic Damper

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Components and components location

Components

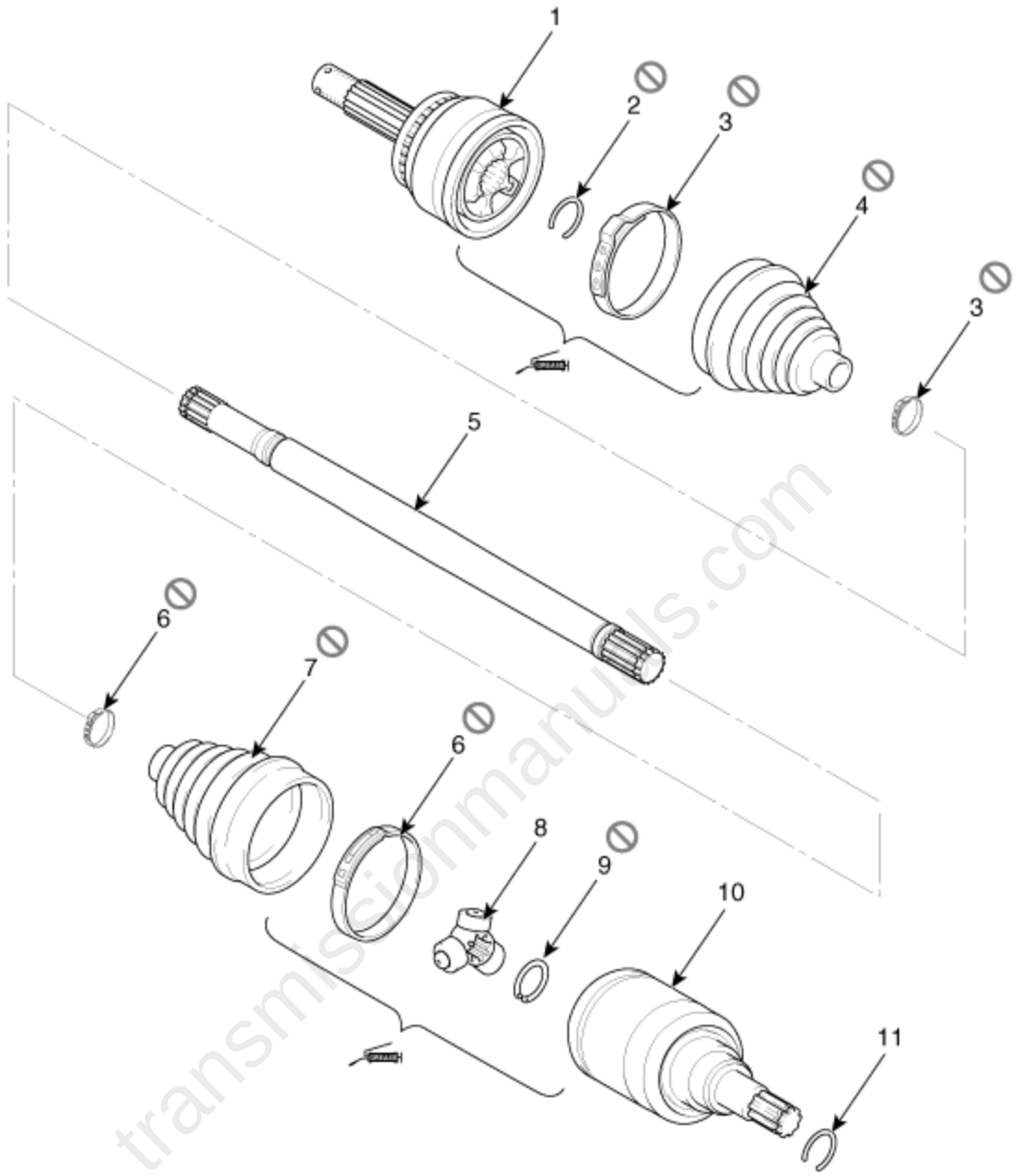
[RH]



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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

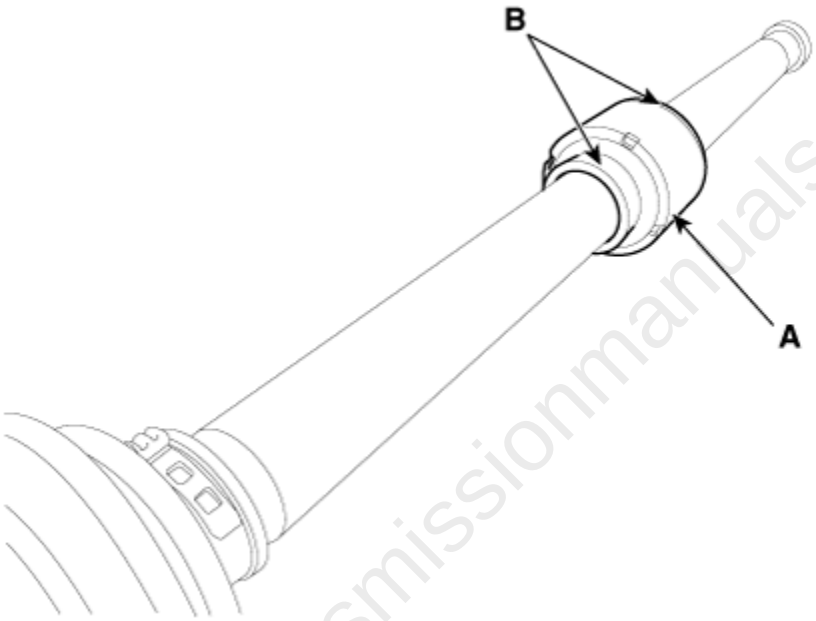
1. Remove the front driveshaft.

   (Refer to Driveshaft Assembly - “Front Driveshaft”)

2. Remove the TJ joint assembly.

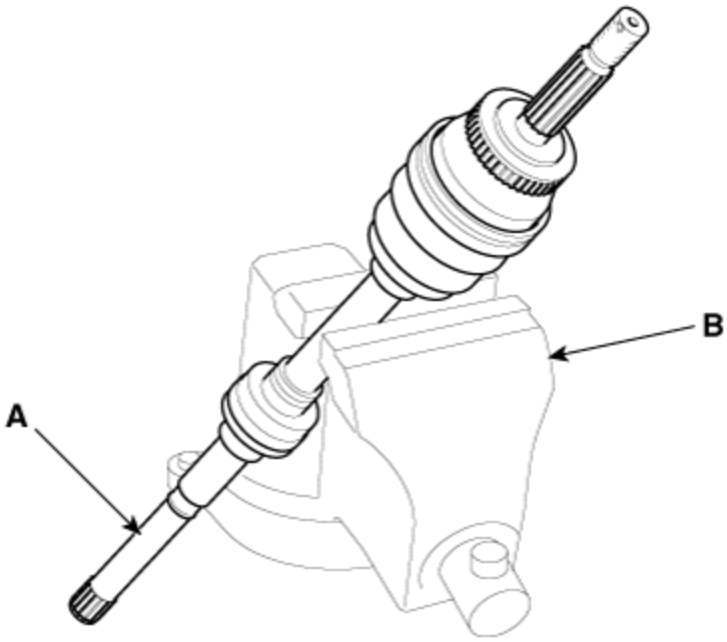
   (Refer to Driveshaft Assembly - “TJ joint”)

3. Remove the remove the both side of band (B) of the dynamic damper (A).



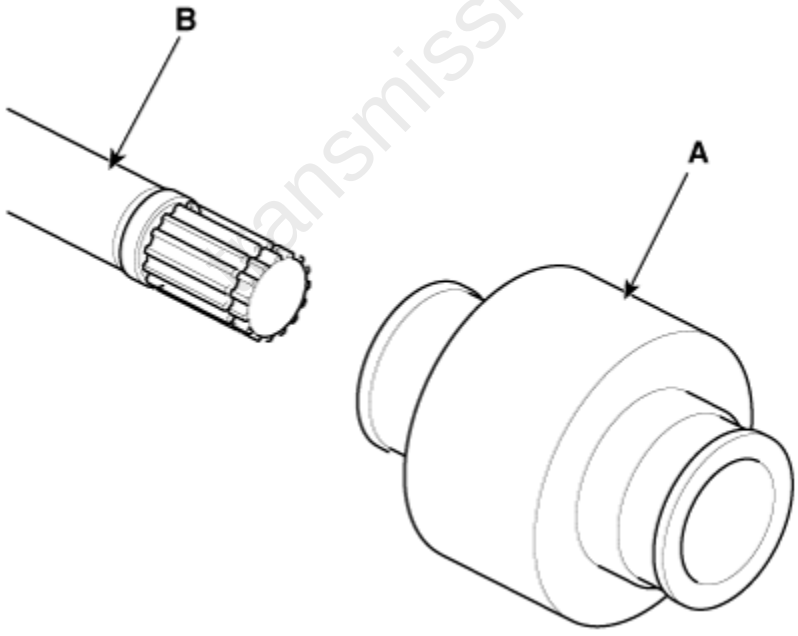
4. Fix the driveshaft (A) with a vice (B) as illustrated.

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5. Apply soap powder on the shaft to prevent being damaged between the shaft spline and the dynamic damper when the dynamic damper is removed.

6. Separate the dynamic damper (A) from the shaft (B) carefully.



Reassembly

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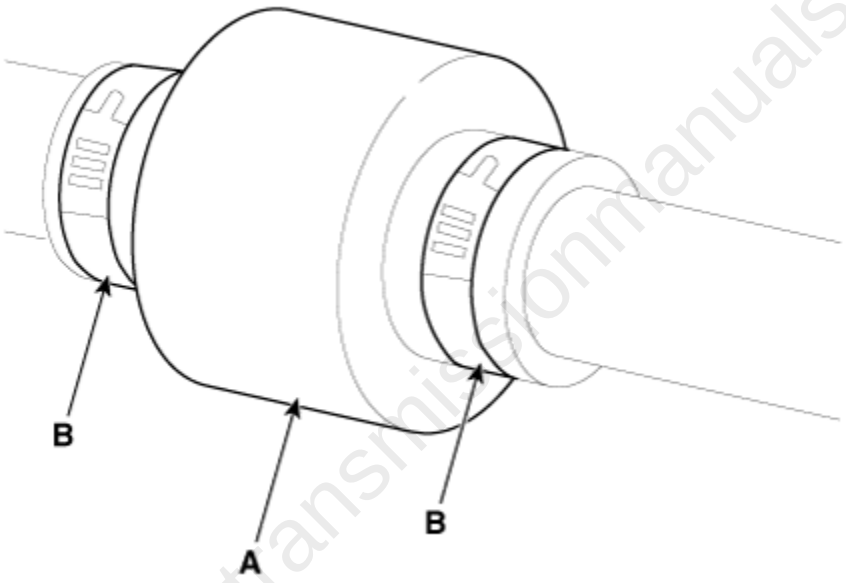
1. Apply soap powder on the shaft to prevent being damaged between the shaft spline and the dynamic damper.

2. Install the dynamic damper.

3. Install the dynamic damper band (A).

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

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



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5. Install the TJ joint assembly.

   (Refer to Driveshaft Assembly - “TJ Joint”)

6. Install the front driveshaft.

   (Refer to Driveshaft Assembly - “Front Driveshaft”)

7.
Check the front alignment.

(Refer to Suspension System - "Front Alignment")

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

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

Other information:

Kia Forte 2019-2023 (BD) Service Manual: Luggage Room Lamp

Repair procedures Removal 1. Disconnect the negative (-) battery terminal. 2. Remove the luggage room lamp (A) by using a screwdriver or remover. [4DR] [5DR] 3. Disconnect the luggage room lamp ...

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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Driving your vehicle / Economical operation

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Your vehicle's fuel economy depends mainly on your style of driving, where you drive and when you drive.

Each of these factors affects how many miles (kilometers) you can get from a gallon (liter) of fuel.To operate your vehicle as economically as possible, use the following driving suggestions to help save money in both fuel and repairs:

- Drive smoothly. Accelerate at a moderate rate. Don't make "jackrabbit" starts or full-throttle shifts and maintain a steady cruising speed. Don't race between stoplights. Try to adjust your speed to the traffic so you don't have to change speeds unnecessarily. Avoid heavy traffic whenever possible. Always maintain a safe distance from other vehicles so you can avoid unnecessary braking. This also reduces brake wear.
- Drive at a moderate speed. The faster you drive, the more fuel your vehicle uses. Driving at a moderate speed, especially on the highway, is one of the most effective ways to reduce fuel consumption.
- Don't "ride" the brake pedal. This can increase fuel consumption and also increase wear on these components. In addition, driving with your foot resting on the brake pedal may cause the brakes to overheat, which reduces their effectiveness and may lead to more serious consequences.
- Take care of your tires. Keep them inflated to the recommended pressure. Incorrect inflation, either too much or too little, results in unnecessary tire wear. Check the tire pressures at least once a month.
- Be sure that the wheels are aligned correctly. Improper alignment can result from hitting curbs

or driving too fast over irregular surfaces. Poor alignment causes faster tire wear and may also result in other problems as well as greater fuel consumption.

- Keep your vehicle in good condition. For better fuel economy and reduced maintenance costs, maintain your vehicle in accordance with the maintenance schedule in Chapter 7. If you drive your vehicle in severe conditions, more frequent maintenance is required (see Chapter 7 for details).
- Keep your vehicle clean. For maximum service, your vehicle should be kept clean and free of corrosive materials. It is especially important that mud, dirt, ice, etc. not be allowed to accumulate on the underside of the vehicle. This extra weight can result in increased fuel consumption and also contribute to corrosion.
- Travel lightly. Don't carry unnecessary weight in your vehicle.Weight reduces fuel economy.
- Don't let the engine idle longer than necessary. If you are waiting (and not in traffic), turn off your engine and restart only when you're ready to go.
- Remember, your vehicle does not require extended warm-up. After the engine has started, allow the engine to run for 10 to 20 seconds prior to placing the vehicle in gear. In very cold weather, however, give your engine a slightly longer warmup period.
- Don't "lug" or "over-rev" the engine. Lugging is driving too slowly in a very high gear resulting in engine bucking. If this happens, shift to a lower gear. Over-revving is racing the engine beyond its safe limit. This can be avoided by shifting at the recommended speed.
- Use your air conditioning sparingly. The air conditioning system is operated by engine power so your fuel economy is reduced when you use it.
- Open windows at high speeds can reduce fuel economy.
- Fuel economy decreases in crosswinds and headwinds. To help offset some of this loss, slow down when driving in these conditions.

Keeping a vehicle in good operating condition is important both for economy and safety. Therefore, have an authorized Kia dealer perform scheduled inspections and maintenance.

WARNING - Engine off during motion

Never turn the engine off to coast down hills or anytime the vehicle is in motion. The power steering and power brakes will not function properly without the engine running. In addition, turning off the ignition while driving could engage the steering wheel lock resulting in loss of vehicle steering. Keep the engine on and downshift to an appropriate gear for an engine braking effect.

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System malfunction

When the “Check System” warning message appears, the system is not working properly. In this situation, take your vehicle to an authorized Kia dealer and have the system checked. WARNIN ...

Special driving conditions

Hazardous driving conditions When hazardous driving conditions are encountered such as water, snow, ice, mud, sand, or similar hazards, follow these suggestions: Drive cautiously and allow ...

Other information:

Kia Forte 2019-2023 (BD) Service Manual: Cluster Fascia Panel

Components and components location Component Location 1. Cluster fascia panel Repair procedures Replacement Put on gloves to prevent hand injuries. ...

Kia Forte 2019-2023 (BD) Owners Manual: Armed & Theft-alarm stage

Armed stage Using the smart key Park the vehicle and stop the engine. Arm the system as described below. 1.Turn off the engine. 2.Make sure that all doors (and tailgate) and the engine hood are closed and latched. 3.• Lock the doors by pressing the button on the front outside door h ...

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