

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000029TK6
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: DRIVE SHAFT / PROPELLER SHAFT: FRONT DRIVE SHAFT ASSEMBLY: DISASSEMBLY; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DISASSEMBLY

CAUTION / NOTICE / HINT

NOTICE:

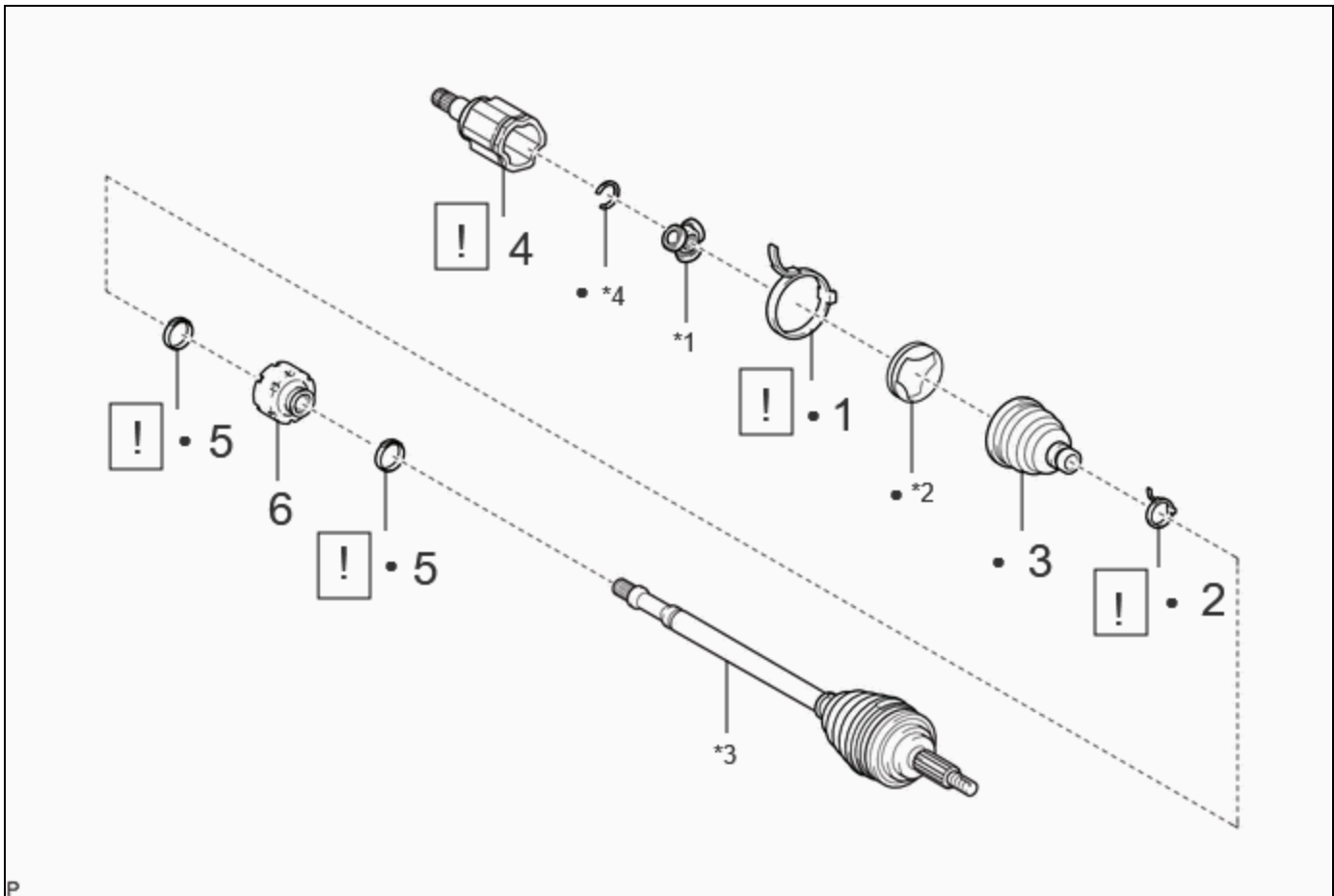
- Secure the drive shaft in a vise between aluminum plates.
- Do not overtighten the vise.




HINT:

- Use the same procedure for the RH side and LH side.
- The following procedure is for the LH side.

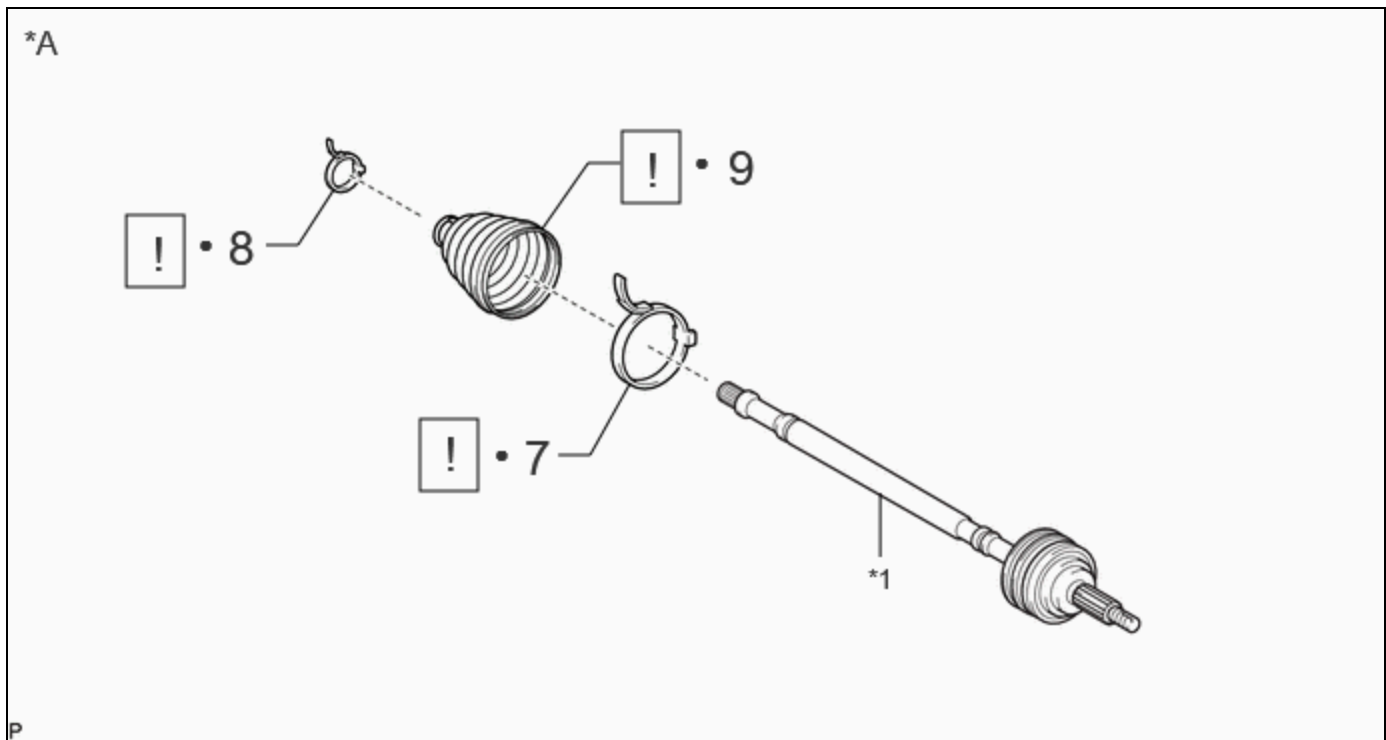
CAUTION / NOTICE / HINT




COMPONENTS (DISASSEMBLY)



PROCEDURE		PART NAME CODE			
1	FRONT NO. 2 AXLE INBOARD JOINT BOOT CLAMP	43448G	INFO	-	-
2	FRONT AXLE INBOARD JOINT BOOT CLAMP	43448F	INFO	-	-
3	FRONT AXLE INBOARD JOINT BOOT	-	-	-	-
4	FRONT DRIVE INBOARD JOINT ASSEMBLY	43040	INFO	-	-
5	FRONT DRIVE SHAFT DAMPER CLAMP	43474G	INFO	-	-
6	FRONT DRIVE SHAFT DAMPER	43474E	-	-	-

*1	TRIPOD JOINT	*2	FRONT AXLE INBOARD JOINT GROMMET
*3	FRONT DRIVE OUTBOARD JOINT SHAFT ASSEMBLY	*4	SHAFT SNAP RING
•	Non-reusable part	-	-



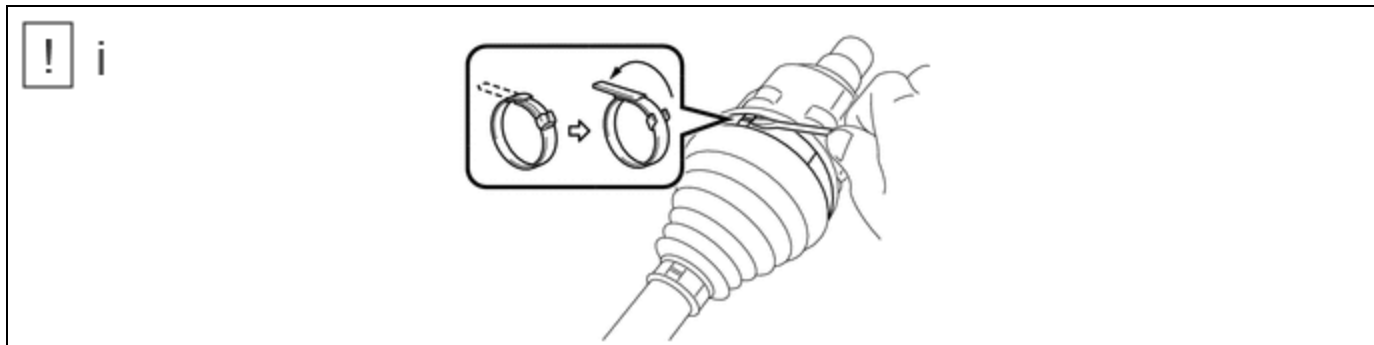
PROCEDURE		PART NAME CODE			
7	FRONT NO. 2 AXLE OUTBOARD JOINT BOOT CLAMP	43447F	INFO	-	-
8	FRONT AXLE OUTBOARD JOINT BOOT CLAMP	43447E	INFO	-	-
9	FRONT AXLE OUTBOARD JOINT BOOT	-	INFO	-	-

*A	for LH Side	-	-
----	-------------	---	---

*1	FRONT DRIVE OUTBOARD JOINT SHAFT ASSEMBLY	-	-
•	Non-reusable part	-	-

PROCEDURE

1. SEPARATE FRONT NO. 2 AXLE INBOARD JOINT BOOT CLAMP

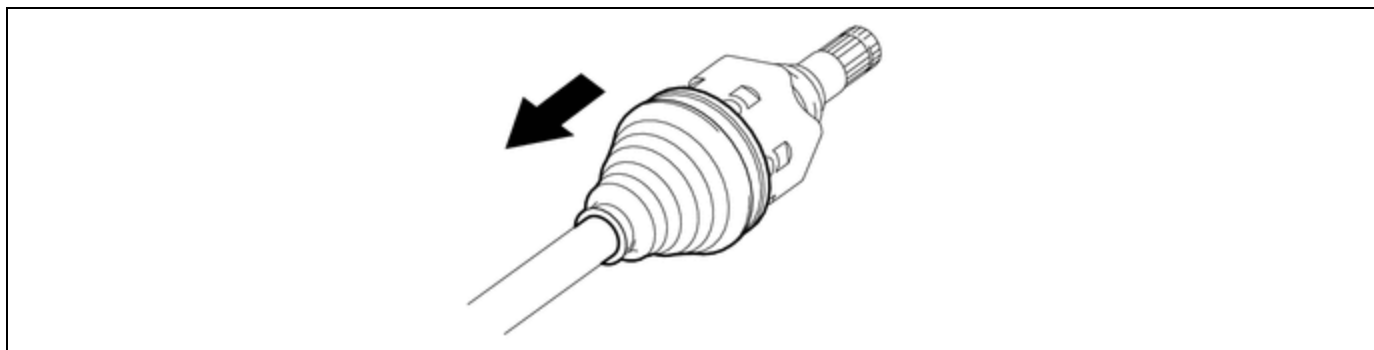


(1) Using a screwdriver, release the staked part of the front No. 2 axle inboard joint boot clamp and separate the front No. 2 axle inboard joint boot clamp.

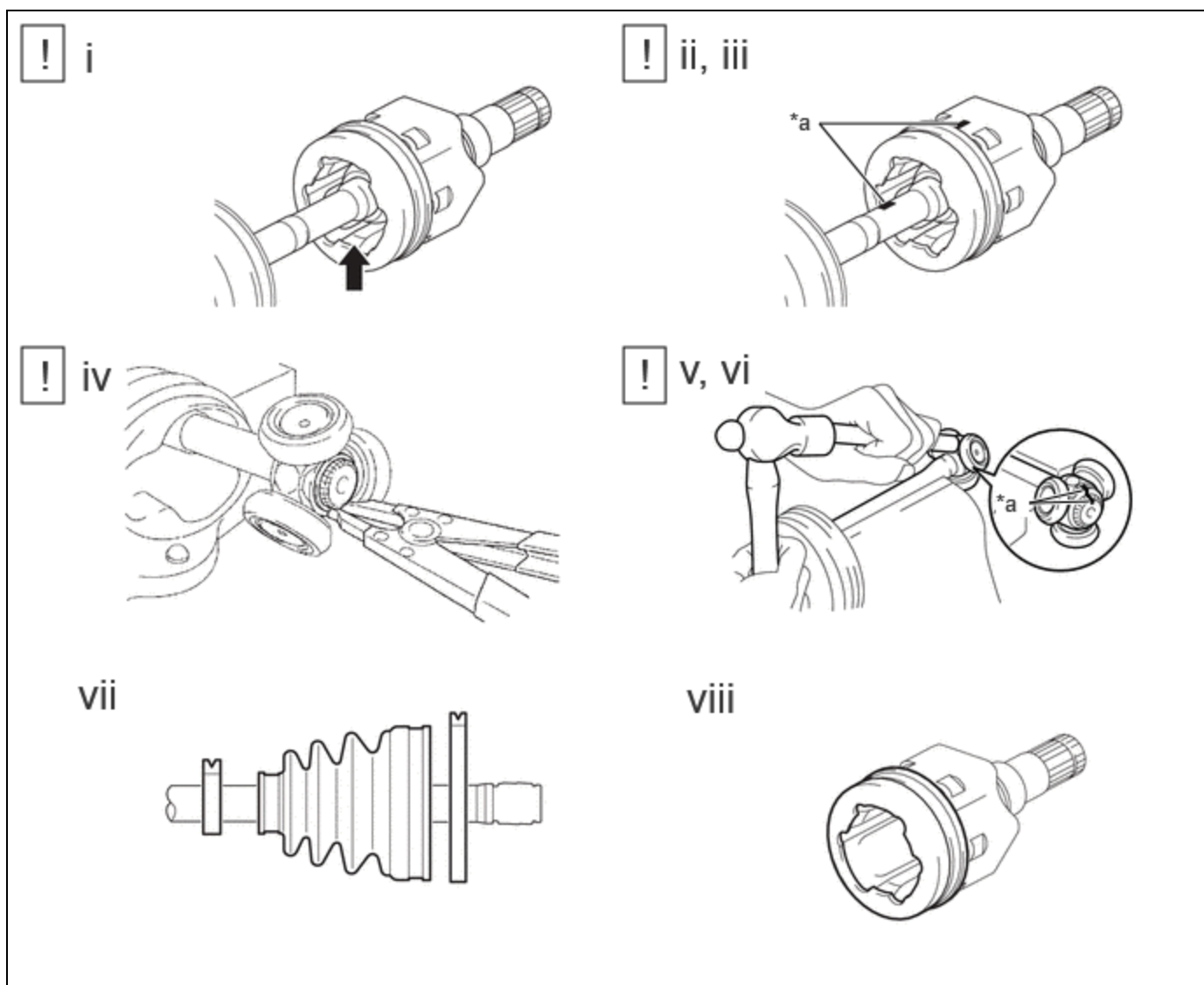
2. SEPARATE FRONT AXLE INBOARD JOINT BOOT CLAMP

(a) Perform the same procedure as for the front No. 2 axle inboard joint boot clamp.

3. SEPARATE FRONT AXLE INBOARD JOINT BOOT



4. REMOVE FRONT DRIVE INBOARD JOINT ASSEMBLY



*a	Matchmark	-	-
----	-----------	---	---

(1) Remove the old grease from the front drive inboard joint assembly.

(2) Put matchmarks on the front drive inboard joint assembly and front drive outboard joint shaft assembly.

NOTICE:

Do not use a punch for the marks.

(3) Remove the front drive inboard joint assembly from the front drive outboard joint shaft assembly.

(4) Using a snap ring expander, remove the shaft snap ring from the front drive outboard joint shaft assembly.

(5) Put matchmarks on the front drive outboard joint shaft assembly and tripod joint.

NOTICE:

Do not use a punch for the marks.

(6) Using a brass bar and a hammer, tap out the tripod joint from the front drive outboard joint shaft assembly.

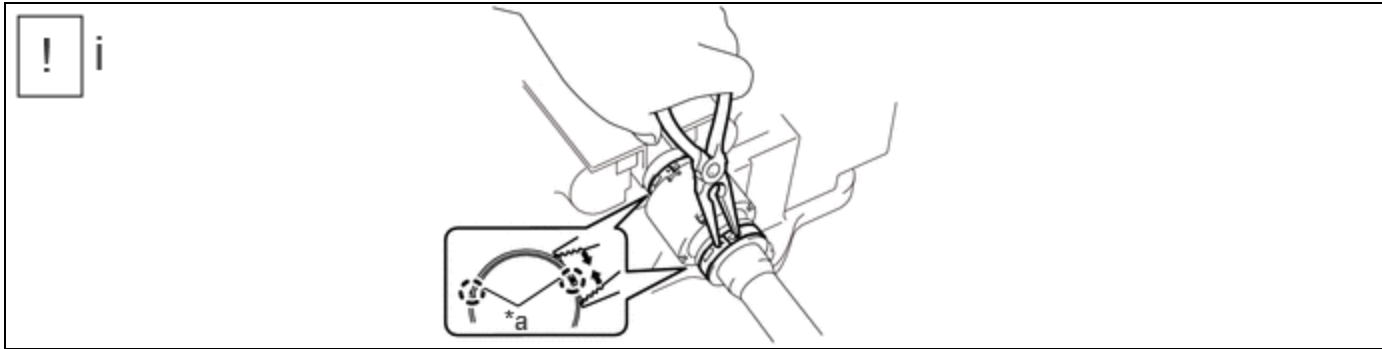
NOTICE:

- Do not tap the rollers.
- Do not drop the tripod joint.

(7) Remove the front No. 2 axle inboard joint boot clamp, front drive inboard joint boot and front axle inboard joint boot clamp.

(8) Remove the front axle inboard joint grommet from the front drive inboard joint assembly.

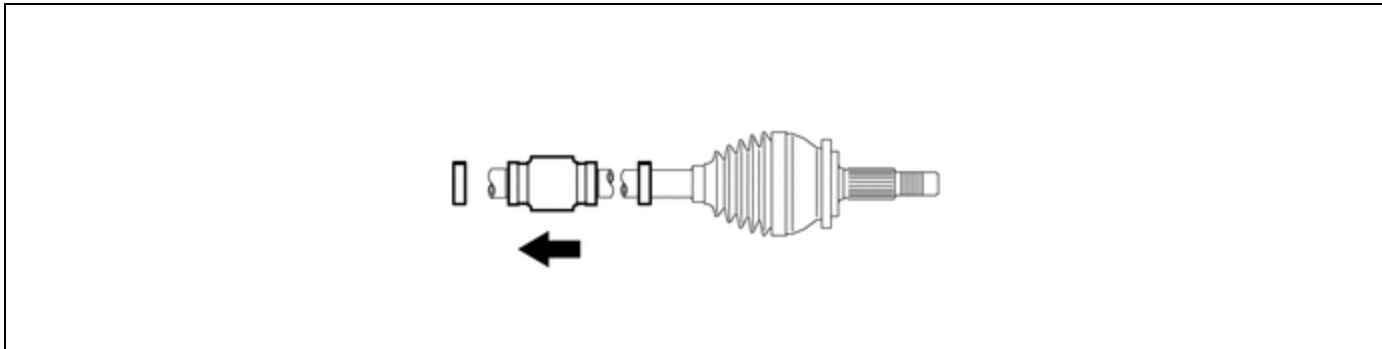
5. REMOVE FRONT DRIVE SHAFT DAMPER CLAMP



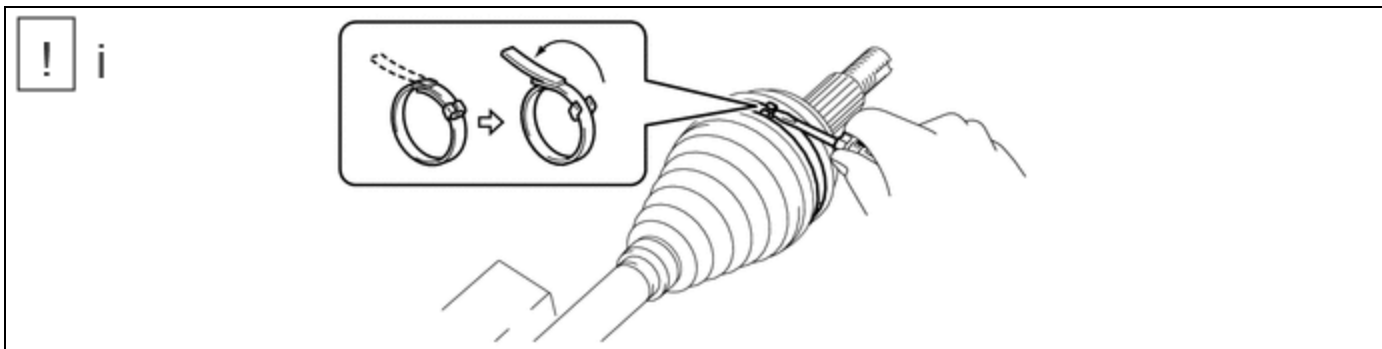
*a	Claw	-	-
----	------	---	---

(1) Using needle-nose pliers, separate the 2 front drive shaft damper clamps.

6. REMOVE FRONT DRIVE SHAFT DAMPER



7. SEPARATE FRONT NO. 2 AXLE OUTBOARD JOINT BOOT CLAMP (for LH Side)

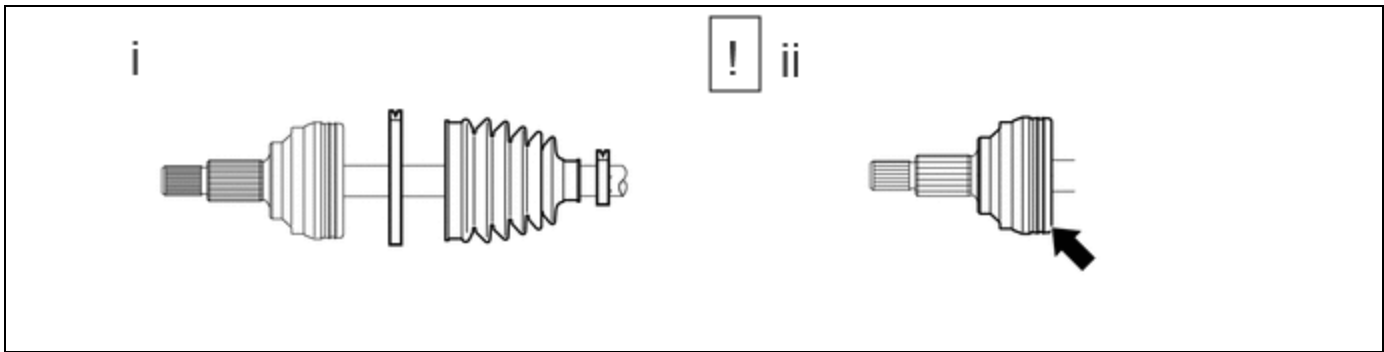


(1) Using a screwdriver, release the staked part of the front No. 2 axle outboard joint boot clamp and separate the front No. 2 axle outboard joint boot clamp.

8. SEPARATE FRONT AXLE OUTBOARD JOINT BOOT CLAMP (for LH Side)

(a) Perform the same procedure as for the front No. 2 axle outboard joint boot clamp.

9. REMOVE FRONT AXLE OUTBOARD JOINT BOOT (for LH Side)



- (1) Remove the front axle outboard joint boot clamp, front axle outboard joint boot and front No. 2 axle outboard joint boot clamp from the front drive outboard joint shaft assembly.
- (2) Remove the old grease from the front drive outboard joint shaft assembly.

