

SERVICE BULLETIN

SUBARU CORPORATION
Customer Quality Dept.
Japan.

Issued: 9 March, 2022
Rev.1 25 July, 2022

Subject:	Repair Procedure Change: Repair Procedure against the squeaking noise from UNIVERSAL JOINT ASSEMBLY-STEERING
Applicable Section in Service Manual:	STEERING COLUMN > SYSTEM > Steering Intermediate Shaft Steering > POWER ASSISTED SYSTEM (POWER STEERING) > Universal Joint
Applicable Parts Name in Parts System:	Steering System and Cable > MANUAL STEERING GEAR BOX > UNIVERSAL JOINT ASSEMBLY-STEERING
Foreword:	This Service Bulletin is to inform you of the repair procedure against the squeaking noise from UNIVERSAL JOINT ASSEMBLY-STEERING that occurs when steering wheel is rotated. Rev.1: Added production change and new parts information.

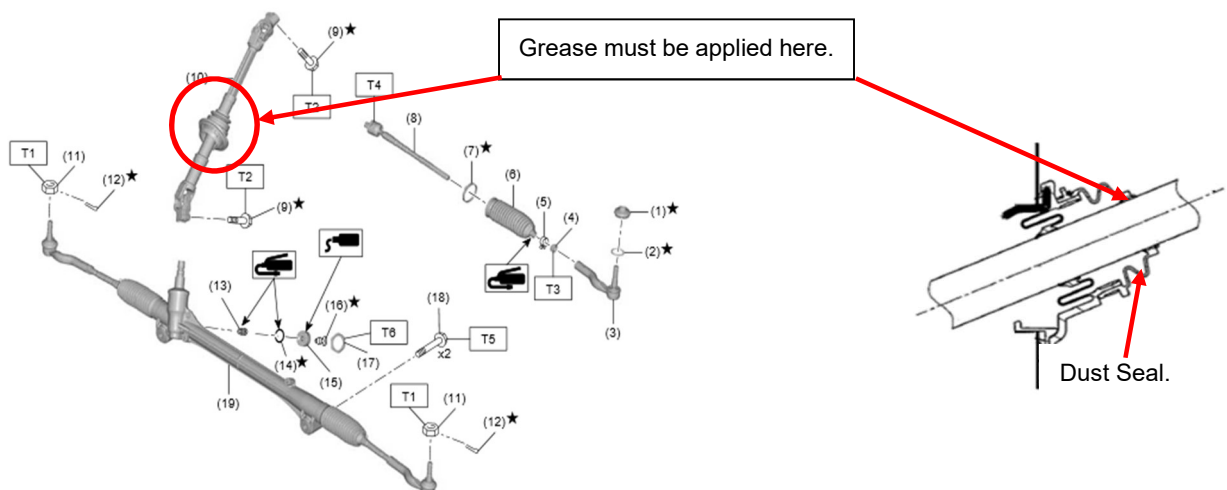
1. Applicable Vehicle

Applicable Vehicle	Destination, Specification	MY
BRZ	North America, Europe, General	13 - 23

This information is applicable to Japan production vehicles only.

2. Details of Symptom and Improvement

Symptom	Details of Symptom and Countermeasure
A squeaking noise occurs when steering wheel is rotated.	<p>Details of Symptom: A squeaking noise occurs from UNIVERSAL JOINT ASSEMBLY-STEERING when steering wheel is rotated. This is due to the lack of lubrication at the friction surface of the UNIVERSAL JOINT ASSEMBLY-STEERING dust seal. (Deteriorated grease created the lack of lubrication condition.)</p> <p>Countermeasure: The problem can be solved by adding 1-2 grams of grease to the UNIVERSAL JOINT ASSEMBLY-STEERING dust seal. For the production line, new UNIVERSAL JOINT ASSEMBLY-STEERING that contains new grease NIGLUBE RM inside is introduced.</p> <p>When the problem is reported, apply grease to the dust seal. (See 5. Working Procedure.)</p>



3. Production Change Information (Starting VIN)

Applicable Vehicle	Destination, Specification		Starting VIN
BRZ	North America		JF1ZDBF11P8700070
	Europe, General	RHD	JF1ZD8K81PG004003
		LHD	JF1ZD8L81PG006001

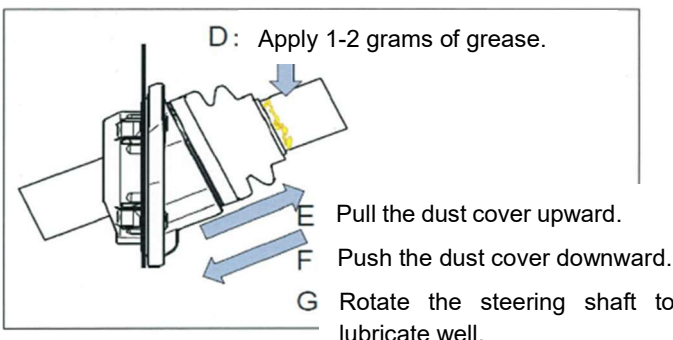
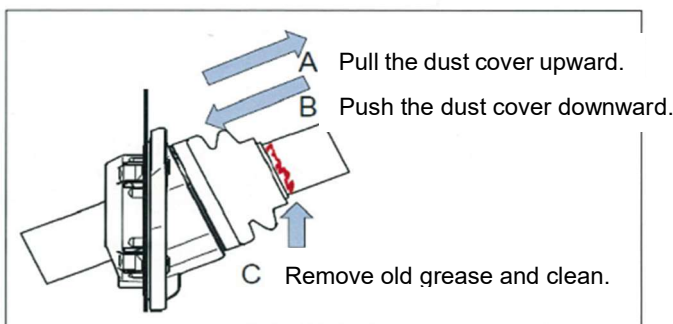
For more detail of the VIN format, refer to the "Identification Section" in the Service Manual.

4. Parts Information of the applicable UNIVERSAL JOINT ASSEMBLY-STEERING

No.	New Part Number	Interchangeability	Old Part Number	Part Name	Applicable Model Year
1	34170CA001	New Part to Old Vehicle: Yes. Old Part to New Vehicle: No.	34170CA000	UNIVERSAL JOINT ASSEMBLY-STEERING	RHD 13-20MY
2	34170CA011		34170CA010		LHD 13-20MY
3	34170CC001		34170CC000		RHD 22-23MY
4	34170CC011		34170CC010		LHD 22-23MY

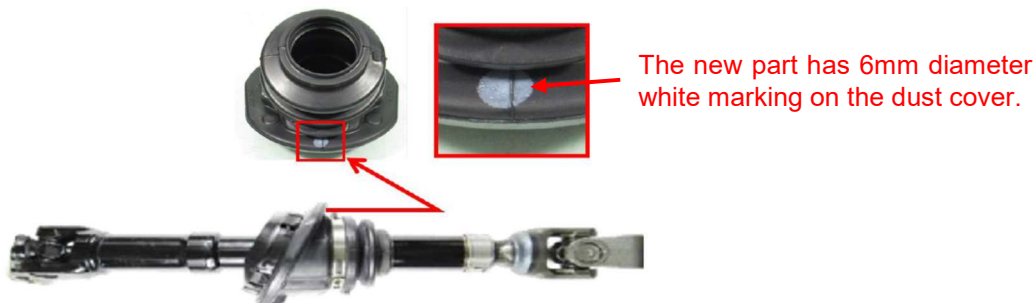
4. Working Procedure (Grease Application Procedure)

- A. Pull the dust cover upward.
- B. Push the dust cover downward.
The above procedure A and B are to collect old grease.
- C. Remove old grease and clean.
- D. Apply 1-2 grams of grease around the shaft.
Recommended grease:
NIGLUBE RX-2 or equivalent
- E. Pull the dust cover upward.
- F. Push the dust cover downward.
The above procedures E and F are to spread the grease well.
- G. Rotate the steering shaft to lubricate well.



Note:

The old parts and new parts use different grease. (Old: NIGLUBE RX-2 New: NIGLUBE RM)
When lubrication the steering shaft, use appropriate grease. (Do not mix NIGLUBE RX-2 and NIGLUBE RM.)
See the below photos to identify old part or new part.



5. Labour Time

0.3 hours for checking noise and grease application.

END.

**CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT
IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.**

SUBARU Service Bulletins are intended for use by professional technicians **ONLY**. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, **DO NOT** assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition.