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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: INTRODUCTION: HOW TO USE THIS MANUAL: GENERAL INFORMATION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

GENERAL INFORMATION

GENERAL DESCRIPTION

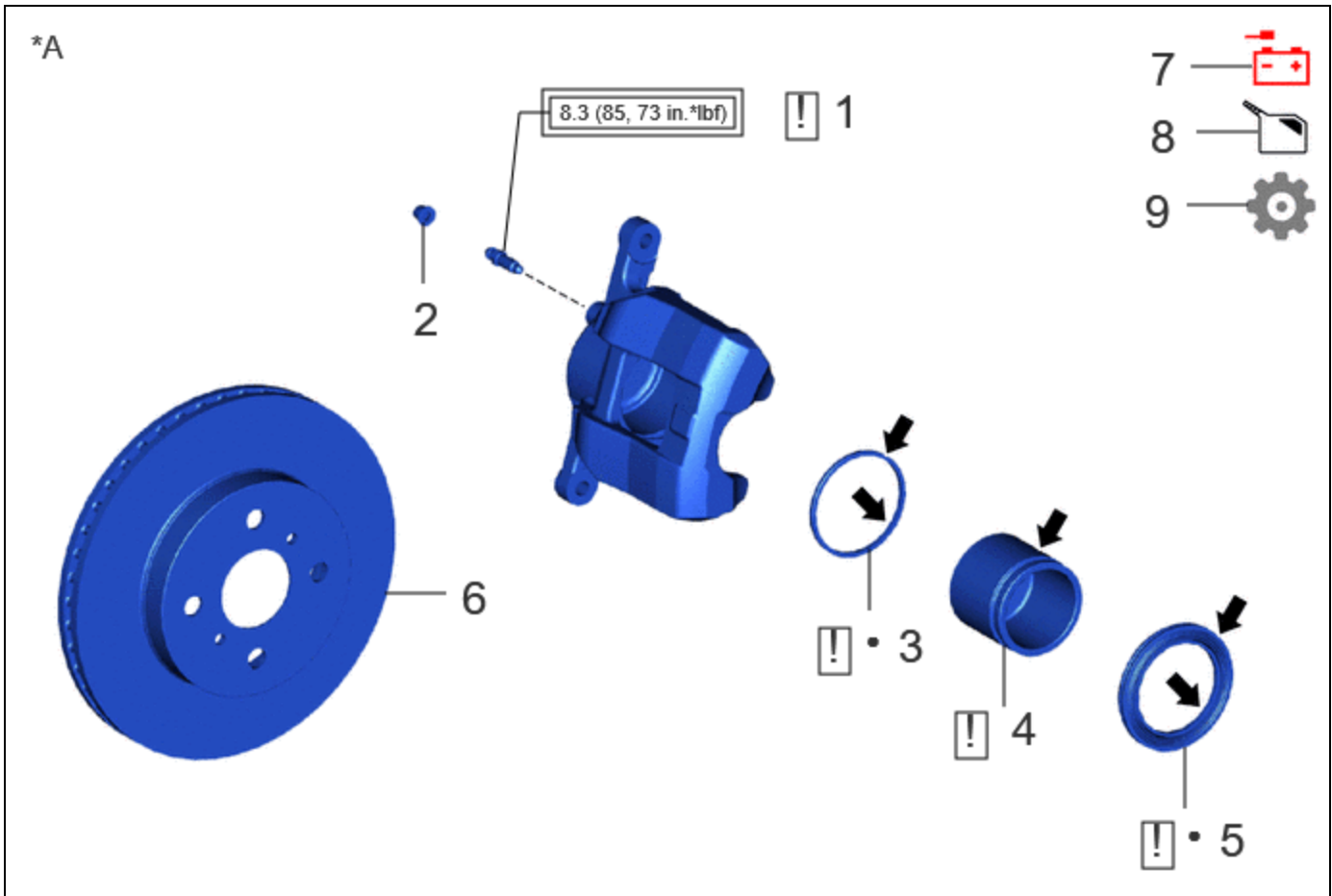
- (a) This manual is written in accordance with SAE J2008.
- (b) Repair operations can be separated mainly into the following 3 processes:
 - (1) Diagnosis
 - (2) Removing/Installing, Replacing, Disassembling/Reassembling, Checking and Adjusting
 - (3) Final Inspection
- (c) The following procedures are omitted from this manual. However, these procedures must be performed.
 - (1) Use a jack or lift to perform operations.
 - (2) Clean all removed parts.
 - (3) Perform a visual check before and after performing any work.

PREPARATION

- (a) Use of Special Service Tools (SST) and Special Service Materials (SSM) may be required, depending on the repair procedure. Be sure to use SST and SSM when they are required and follow the work procedure properly. A list of SST and SSM is in the "Preparation" section of this manual.


REPAIR PROCEDURES

- (a) For component illustrations and procedures, there are 2 types of contents.
- (b) For "removal", "installation", "disassembly" and "reassembly":
 - (1) For "removal", "installation", "disassembly" and "reassembly", the component illustrations include the key points of the procedures and the order in which they are performed.











PROCEDURE		PART NAME CODE			
1	FRONT DISC BRAKE BLEEDER PLUG	-	(Link)	-	-
2	FRONT DISC BRAKE BLEEDER PLUG CAP	-	-	-	-
3	PISTON SEAL	-	(Link)	-	-
4	FRONT DISC BRAKE PISTON	-	(Link)	-	-
5	CYLINDER BOOT	-	(Link)	-	-
6	FRONT DISC	43512	-	-	-
7	CONNECT CABLE TO NEGATIVE AUXILIARY BATTERY TERMINAL	-	-	-	-
8	ADD BRAKE FLUID	-	-	(Link)	-
9	PERFORM INITIALIZATION	-	-	-	(Link)

*A	Example	-	-
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)		N*m (kgf*cm, ft.*lbf): Specified torque

•	Non-reusable part		Lithium soap base glycol grease
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1. The items in the following table are noted in the component illustrations.

SYMBOL	CONTENTS
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)*1
	N*m (kgf*cm, ft.*lbf): Specified torque
•	Non-reusable part
★	Precoated part
	Apply Lubricant Here
	Do not apply lubricants to the threaded parts
	Indicates key points of the procedure*2
	Disconnect or reconnect negative battery terminal
	Drain or fill oil/fluid (engine oil, coolant, brake fluid, etc.)
	Initialize, configure, calibrate, etc.
<p>*1: "Major areas involving basic vehicle performance such as moving/turning/stopping" indicates areas that require a higher degree of precision when tightening.</p> <p>*2: "Key points" refers to warnings, notices, SST usage, tightening sequences, etc., basically indicating non-trivial work procedures.</p>	

2. Numbers shown in the illustrations and procedure tables indicate the sequence in which steps should be performed.

3. The included "Part Name Code" is used when searching for the applicable component in the Parts Catalog.

(2) Illustrations of similar vehicle models are sometimes used. In these cases, minor details may be different from the actual vehicle.

The screenshot shows a technical manual page for the task "1. INSTALL TIMING CHAIN COVER OIL SEAL". The page includes an illustration of a hand using a Special Service Tool (SST) to tap in the oil seal. The illustration is labeled with "SST" and "Illustration". The explanation text includes a step number "i", a symbol, and the following instructions:

i. Using SST and a hammer, tap in the timing chain cover oil seal until its surface is flush with the timing chain cover assembly edge.

SST
09223-22010

Timing Chain Cover Oil Seal Tap in Depth:
-1.0 to 1.0 mm (-0.0394 to 0.0394 in.)

NOTICE:

- Keep the lip free from foreign matter.
- Do not tap in the timing chain cover oil seal at an angle.

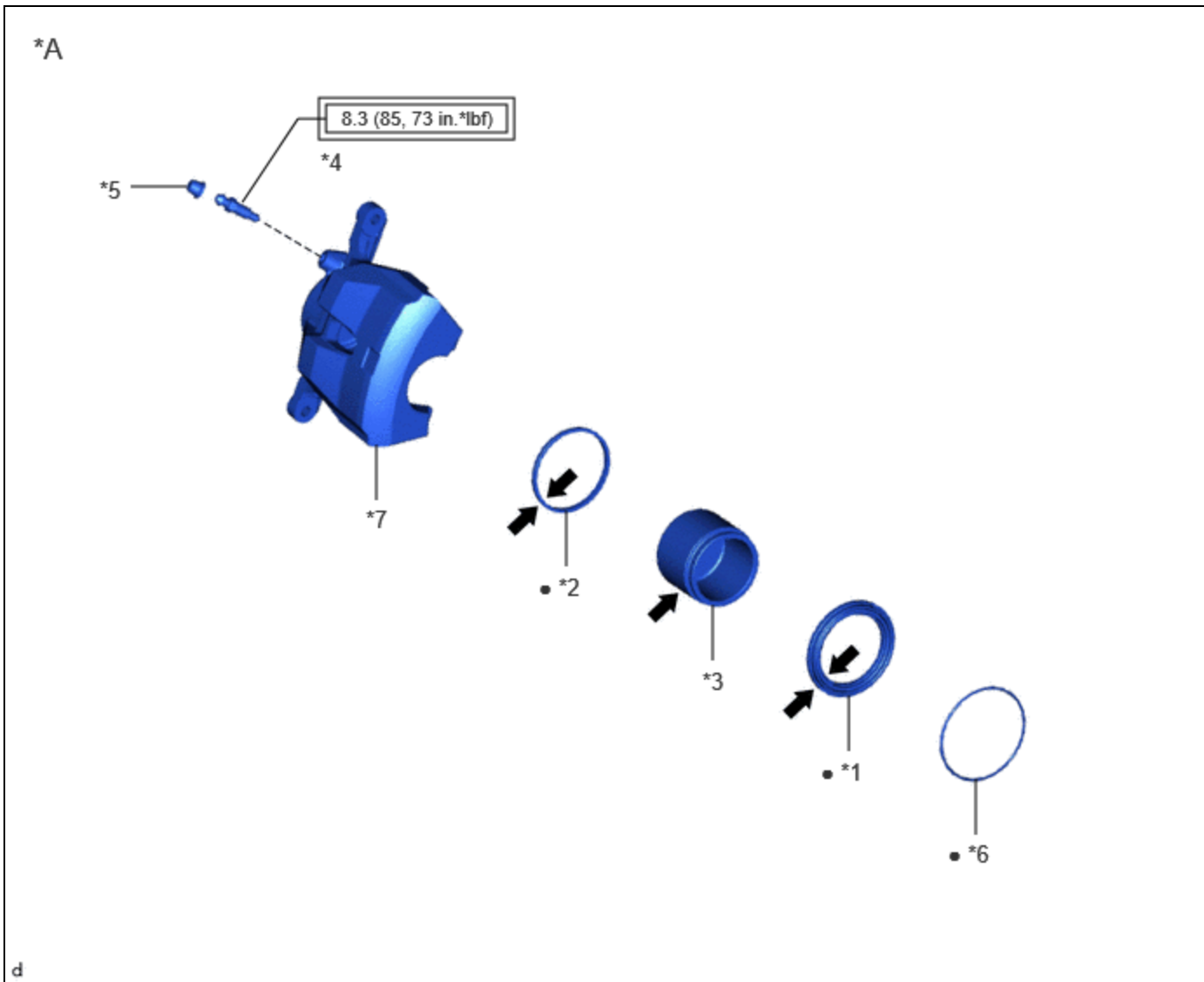
1. The illustrations show the locations for the work and the work procedures to be performed, while the explanation text includes only those tasks which involve key points, with detailed work instructions, standard values and notices.




Illustration	What to do and where to do it
Task heading	What work will be performed
Explanation text	<ul style="list-style-type: none"> ◦ How to perform the task ◦ Information such as specifications and warnings, which are written in boldface text

2. Step numbers within the illustration indicate the numbers for the explanation text.
3. Symbols indicate steps with key points.
4. Procedures are presented in a step-by-step format.





(c) For contents other than "removal", "installation", "disassembly" and "reassembly":

(1) A component illustration is placed under the title where necessary.



*A	Example	-	-
*1	CYLINDER BOOT	*2	PISTON SEAL
*3	FRONT DISC BRAKE PISTON	*4	FRONT DISC BRAKE BLEEDER PLUG
*5	FRONT DISC BRAKE BLEEDER PLUG CAP	*6	SET RING
*7	DISC BRAKE CYLINDER ASSEMBLY LH	-	-
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)		N*m (kgf*cm, ft.*lbf): Specified torque
•	Non-reusable part		Lithium soap base glycol grease

1. The items in the following table are noted in the component illustrations.

SYMBOL	CONTENTS
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)
	N*m (kgf*cm, ft.*lbf): Specified torque
•	Non-reusable part
★	Precoated part
	Apply Lubricant Here
	Do not apply lubricants to the threaded parts


CAUTION:

"Major areas involving basic vehicle performance such as moving/turning/stopping" indicates areas that require a higher degree of precision when tightening.


2. Non-reusable parts, grease application areas, precoated parts and torque specifications are noted in the component illustrations.

(2) Illustrations of similar vehicle models are sometimes used. In these cases, minor details may be different from the actual vehicle.

Task heading



Explanation text



1. INSTALL TIMING CHAIN COVER OIL SEAL

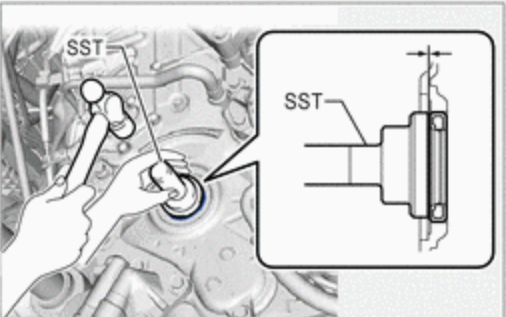
a. Using SST and a hammer, tap in the timing chain cover oil seal until its surface is flush with the timing chain cover assembly edge.

SST
09223-22010

Timing Chain Cover Oil Seal Tap in Depth:
-1.0 to 1.0 mm (-0.0394 to 0.0394 in.)

NOTICE:

- Keep the lip free from foreign matter.
- Do not tap in the timing chain cover oil seal at an angle.



Illustration

1. Only items with key points are described in the text. What to do and other details are explained using illustrations next to the text. Both the text and illustrations are accompanied by standard values and notices.

Illustration	What to do and where to do it
Task heading	What work will be performed
Explanation text	<ul style="list-style-type: none"> ◦ How to perform the task ◦ Information such as specifications and warnings, which are written in boldface text

2. Torque specifications, grease application areas and non-reusable parts are emphasized in the procedures.

HINT:

There are cases where such information can only be explained by using an illustration. In these cases, torque, oil and other information are described in the illustration.

3. Procedures are presented in a step-by-step format.

SERVICE SPECIFICATIONS

- (a) Specifications are presented in boldface text throughout the manual. The specifications are also found in the "Specifications" section for reference.

TERM DEFINITIONS

CAUTION	Possibility of injury to you or other people
NOTICE	Possibility of damage to components being repaired
HINT	Provides additional information to help you perform repairs

INTERNATIONAL SYSTEM OF UNITS

- (a) The units used in this manual comply with the International System of Units (SI UNIT) standard. Other units from the metric system and the English system are also provided.

Example:

Torque:

30 N·m {306 kgf·cm, 22 ft·lbf}

