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Toyota Original Charging Cable Lock Installation Instructions

Thank you for purchasing Toyota original charging cable lock.
Please read this before installation, and please follow the proper procedures for installation.

Please give the customers the attached "Instruction Manual."

Product Number
Product Number G90F0-47010

Warning!

If you are installing charging cable lock and charging lid opener at the same time, please install a charging lid opener first.

Constitute Parts

Number	Product Name	Product Number	Quantity
1	Lock SUB-ASSY	-	1
2	Cover A	G90F1-47010	1
3	Cover B	G90F1-47010	1
4	Tapping Screw (M4x8mm)	G90F1-47010	1
5	Bolt W/Washer(M6x20mm) (Mech color: Green/Bolt color: Silver)	G90F3-47010	1
6	Bolt W/Washer (M6x25mm) (Mech color: Orange/Bolt color: Silver)	G90F3-47010	1
7	Bolt W/Washer (M6x25mm) (Mech color: White/Bolt color: Black)	G90F3-47010	1
8	Bolt W/Washer (M6x25mm) (Mech color: Sky Blue/Bolt color: Silver)	G90F3-47010	1
9	Flat Washer (Silver)(M6)	G90F3-47010	1
10	Key (Key No. with Plate) 2x	G926J-47020	1

11	Instruction Manial	-	1
12	Installation Instruction	-	1

*Mech (processing) color: Shows the color you paint when processing bolt threaded part with lock agent and sealant.

We do not recommend repetitive use.

The number of supplied blank key is one. The key is not mountain processed.

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Installation Overview

BXEE011F

Bolt W/Washer (Mech color: Orange/Bolt color: Silver)

Bolt W/Washer (Mech color: White/Bolt color: Black)

Lock SUB-ASSY

Bolt W/Washer (Mech color: Green/Bolt color: Silver)

Installation State

Cover A

Cover B

Tapping Screw

Flat Washer (Silver)

Bolt W/Washer (Mech color: Sky Blue/Bolt color: Silver)

Installation Instruction

1. Installing Lock SUB-ASSY

(1) Press charging mark part and open charging lid

BXEE012H

Charging Mark Part

Charging Lid

(2) Remove vehicle bolt (3x) excluding the vehicle bolt on the upper right of charging inlet.

Warning! To prevent the displacement of charging inlet, please do not remove the bolt in the upper right.

Advice. If you accidentally remove the bolt of the upper right, it is possible that the product will not install properly because of the position shift. In that case, align them by temporarily tighten the vehicle bolts in the order of upper right, then lower left, and after that, please remove the bolt in the lower left only.

Do not reuse the vehicle bolts that were removed.

BXEE013H

Vehicle Bolt

Charging Inlet

Different types of bolt w/ washer are used depending on the bolt hole positions of charging inlet.

Please check the color of the bolt mech color and attach it without mistake.

There is a risk of damaging vehicle parts if you use wrong bolts or install in the wrong fastening position.

Warning! If grease, oil, water, and dust accumulate on the bolt and clamping surface, please make sure to degrease them.

(3) Insert bolt W/Washer (**Mech color: Green**/Bolt color: Silver) in the **lower left** bolt hole of charging inlet.

[Tightening Torque: 8.5N.m - 10.5N.m]

BXEE014H

Tightening Torque

Bolt W/Washer 8.5-10.5N.m

Bolt W/Washer (**Mech color: Green**/Bolt color: Silver)

(4) Remove the vehicle bolt (1x) in the upper right of charging inlet.

Advice. Do not reuse the vehicle bolts that were removed.

BXEE015H

Vehicle Bolt

Supply "Charging Lid Opener" non-equipped car.

(5) Make sure that the keyhole of the lock SUB-ASSY is in the unlocked state.

Advice. If it is in the locked state, please use the provided key to make it unlocked state.

(6) Put a flat washer on top of the lock SUB-ASSY's guide part.

(7) Make sure the flat washer does not fall, match the lock SUB-ASSY and charging inlet without any gap.

Advice. Please make sure that the lock SUB-ASSY and charging inlet's bolt hole is matched.

BXEE053H

Please do not hold this part strongly when installing. There is a possibility that the part can be deformed.

Lock SUB-ASSY

Keyhole

Guide

Flat Washer

Installation State

Lock SUB-ASSY

Flat Washer

Guide

Unlock State

Lock State

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Supply "Charging Lid Opener" equipped car.

(5) Make sure that the keyhole of the lock SUB-ASSY is in the unlocked state.

Advice. If it is in the locked state, please use the provided key to make it unlocked state.

(6) Put a flat washer on top of the lock SUB-ASSY's guide part.

(7) Make sure the flat washer does not fall, match the lock SUB-ASSY and charging inlet without any gap.

Advice. Please make sure that the lock SUB-ASSY and charging inlet's bolt hole is matched.

BXEE054H

Please do not hold this part strongly when installing. There is a possibility that the part can be deformed.

Nut (Supply "Charging Lid Opener")

Lock SUB-ASSY

Keyhole

Guide

Flat Washer

Installation State

Lock SUB-ASSY

Flat Washer

Guide

Unlock State

Lock State

Warning! If grease, oil, water, and dust accumulate on the bolt and clamping surface, please make sure to degrease them.

(8) Insert bolt W/Washer (**Mech color: Orange**/Bolt color: Silver) in the **upper right** bolt hole of charging inlet.

BXEE018H

Bolt W/Washer (**Mech color: Orange**/Bolt color: Silver)

(9) Temporary tightening bolt W/Washer (**Mech color: White**/Bolt color: Black) in the **upper left** of the lock SUB-ASSY.

(10) Make sure that the flat washer is on top of the lock SUB-ASSY's guide part, and temporarily tighten the bolt W/Washer (**Mech color: Sky Blue**/Bolt color: Silver) in the **lower right** bolt hole.

(11) Tighten the bolt W/Washer (3x) that were temporarily tightened.

[Tightening Torque: 8.5N.m-10.5N.m]

Please perform p.7 "the Operation Confirmation Item" No.1-No.3 beforehand.

BXEE019H

Tightening Torque

Bolt W/Washer 8.5-10.5N.m

Flat Washer

Guide

Guide

Bolt W/Washer (**Mech color: Sky Blue**/Bolt color: Silver)

Bolt W/Washer (**Mech color: White**/Bolt color: Black)

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2. Installing Cover A

Warning! Once installed, cover A cannot be removed.

Supply "Charging Lid Opener" non-equipped car.

(1) Fit the tab of the cover A (4x) and install them to lock SUB-ASSY.

Warning! Please be careful not to scratch it when installing cover A.

Please destroy and remove cover A when replacing or repairing the charging cable lock.

If you need to remove charging cable lock or charging inlet, you will need new cover set and bolt set for re-installation.

Advice. Please make sure that the cover A is definitely installed.

BXEE020H

^: Tab

Cover A

Installation State

Cover A

Supply "Charging Lid Opener" equipped car.

(1) Pass cover A under nut (Supply "Charging Lid Opener").

(2) Fit tab (4x) of cover A and install them to lock SUB-ASSY.

Warning! Please be careful not to scratch it when installing cover A.

Please do not install cover B.

Please destroy and remove cover A when replacing or repairing the charging cable lock.

If you need to remove charging cable lock or charging inlet, you will need new cover set and bolt set for re-installation.

Advice. Please make sure that the cover A is definitely installed.

Please perform p.7 "the Operation Confirmation Item" No.1-No.4

BXEE021H

Nut (Supply "Charging Lid Opener")

Cover A

^: Tab

Installation State

Cover A

3. Installing Cover B

Supply "Charging Lid Opener" non-equipped car.

Align the cover B and lock SUB-ASSY, and tighten it with a tapping screw.

[Tightening Torque: 1.2N.m-1.7N.m]

Warning! Please be careful not to damage cover B with tools etc. when installing.

Please perform p.7 "the Operation Confirmation Item" No.1-No.4

BXEE052H

Tightening Torque

Tapping Screw 1.2-1.7N.m

Cover B

Tapping Screw

Installation State

Cover B

Correct State

Wrong State

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Operation Verification

Please follow the steps below and perform operation verification.

If there is an abnormality, please inspect p.8 "Troubleshooting Destination."

Warning!

Please make sure it is in a locked state before inserting the charging connector.

Please fit charging connector into charging inlet when locking.

Please insert the key all the way and turn when locking and unlocking.

Please do not apply excessive strain on the key after inserted it.

Please do not apply excessive strain on the charging connector after locked it.

No.	Operation Verification	Troubleshooting Destination
1	Can you insert the charging connector(*)? Charging Connector	Inspect A
2	Can you insert the key into the keyhole and securely lock it? Keyhole. Unlock State. Key. Lock State.	Inspect B
3	Can you insert the key into the keyhole and securely unlock it? Keyhole. Lock State. Key. Unlock State.	Inspect B
4	Can you definitely open and close the charging lid?	Inspect C

*Please make sure to use the Toyota original charging connector.

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Troubleshooting

Inspect A

Does the charging cable lock stuck with dust or ice? - No: Please remove any dust or ice.

|

Yes

|

Is the charging cable lock in the unlocked state? - No: Please make sure the charging cable lock is in the unlocked state.

|

Yes

|

Can you insert charging cable lock? - No: Defective lock SUB-ASSY.

|

Yes

|

Please continue the operation verification.

Inspect B

Do the charging connector and charging inlet definitely fit? - No: Please fit the charging connector.

|

Yes

|

Did you insert the key all the way and turn? - No: Please insert the key all the way and turn.

|

Yes

|

Are you using the key provided? - No: Please use the key provided. (It is different from the vehicle emergency key.)

|

Yes

|

Can you insert the key into the keyhole and definitely lock and unlock? - No: Defective lock SUB-ASSY or key

|

Yes

|

Please continue the operation verification

Inspect C

Is the cover A fitted securely? - No: Please fit cover A securely.

|

Yes

|

Is cover B installed properly? (Supply "Charging Lid Opener" non-equipped car only) - No: Please install cover B properly.

|

Yes

|

Can you open and close charging lid properly? - No: Defective cover A or cover B.

|

Yes

|

Operation verification end.

Page 1 - Customer

For Customers

Toyota Original
Charging Cable Lock Installation Instructions

Thank you for purchasing Toyota original charging cable lock.

Please read this instructions before use and please use it correctly according to the content described.

Please keep this in the car so that this will not be lost.

In addition, if you transfer this product to another customer, please pass this instruction also.

In order to use this safely

This instruction is using marks below to indicate particular instructions that should be observed in order to use this safely.

Warning!

This indicates that there is a risk if failed to observe the instruction, such as an accident, injury, damage to the vehicle.

Advice.

This indicates things that we would like you to know in order to use this more safely and comfortably.

Features of the changing cable lock

To avoid the removal of the charging connector while charging the vehicle, theft, and other mischief, you can lock it with a dedicated key.

*It is not effective for all acts of mischief.

Handling precautions

Warning!

-This product is compatible with Toyota original charging connector of vehicle standard and dealer installed options. It does not support other charging connectors (models with different connector tip shape, such as some charging stand).

-If the dirt on the product is a concern, please wipe it off with a soft cloth as soon as possible.

-For warnings about charging, please refer to the owner's manual of this vehicle.

-Please make sure it is in locked position before inserting the charging connector.

-Please do not insert things other than the key provided (such as emergency vehicle key). Also, please insert the key all the way and turn.

-Please carry the key provided with the vehicle standard keys.

-Key No. plate is necessary when you lost the key provided so please keep it safely.

-Please contact your Toyota dealer if you lost the key provided.

-You might not be able to insert the charging connector if it is not the original model or the tip shape is deformed due to damage.

-Using the charging connector with the deformed tip shape due to damage will cause the cable lock malfunction.

Please contact your Toyota dealer if you have any questions.

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How to use charging cable lock

To lock charging connector

(1) Press the charging mark part and open the charging lid.
(For the charging lid opener equipped car, operate the opener to open the charging lid.)

Charging mark part. Charging lid. Charging inlet.

(2) Insert the charging connector into the charging inlet and start charging.

Keyhole. Charging connector

(3) To lock the charging connector, insert the key into the keyhole and turn it to the right until it is in locked position.

Key. Unlocked position. Locked position.

(4) Unplug the key when it is in locked position.

Key.

To unlock Charging connector

(1) To unlock the charging connector, insert the key into the keyhole and turn it to the left until it is in unlocked position.

Key. Locked position. Unlocked position.

(2) Unplug the key when it is in unlocked position.

Key.

(3) Unplug the charging connector from the charging inlet.

Charging connector.

(4) Close the charging lid.

Charging lid.

If you suspect a problem.

If you suspect a problem, please check the contents of the table below and take appropriate actions before calling for service.

Symptom	Content of Inspection	Methods of Treatment
I cannot insert the charging connector	Does the charging cable lock stuck with dust or ice?	Please remove any dust or ice.
	Is the charging cable lock in the unlocked state?	Please make sure the charging cable lock is in the unlocked state.
I cannot lock/unlock the charging connector even when I insert the key into	Do the charging connector and charging inlet definitely fit?	Please fit the charging connector.

the keyhole		
	Did you insert the key all the way and turn?	Please insert the key all the way and turn.
	Are you using the key provided?	Please use the key provided. (It is different from the vehicle emergency key.)

If the problem persists after taking actions according to the table above, please contact your Toyota dealer.