

# EXHAUST JOINT PIPE INSTALLATION MANUAL



**Installation must be done by a professional.**

Read this manual prior to the installation.

Always have access to this manual as well as a factory service manual.

※ Make sure the vehicle is applicable to this kit.

NAME OF PRODUCT	EXHAUST JOINT PIPE
PART NUMBER	14011-AT001
APPLICATION	<ul style="list-style-type: none"><li>• TOYOTA 86 (DBA-ZN6) 2012/4~ (4BA-ZN6) 2019/4~</li><li>• SUBARU BRZ (DBA-ZC6) 2012/3~ (4BA-ZN6) 2019/4~</li><li>• TOYOTA GR86 (3BA-ZN8) 2021/10~ (Under the following conditions)</li><li>• SUBARU BRZ (3BA-ZD8) 2021/8~ (Under the following conditions)</li></ul> <p><u>Compatibility conditions for ZN8/ZD8</u> This product can only be installed in combination with the BOLT ON TURBO KIT. (It cannot be used in combination with the stock or HKS NA exhaust manifold.)</p>
ENGINE	FA20 (FA24)
REMARKS	<ul style="list-style-type: none"><li>○ In order to install this product, the engine must be lifted. The engine crane, SST, etc. are required to lift the engine. Make sure to read through the factory service manual before installing this product.</li></ul>

## REVISION OF MANUAL

Rev. Number	Date	Manual Number	Details
3-3.01	2018/7	E65571-T25010-00	1 <sup>st</sup> Edition
3-3.02	2024/11	E65571-T25011-00	2 <sup>nd</sup> Edition

Published in November, 2024 by HKS Co., Ltd. (Unauthorized reproduction is strictly prohibited.)

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## NOTICE

This manual assumes that you have and know how to use the tools and equipment necessary to safely perform service operations on your vehicle. This manual assumes that you are familiar with typical automotive systems and basic service and repair procedures. Do not attempt to carry out the operations shown in this manual unless these assumptions are correct. Always have access to a factory service manual. To avoid injury, follow the safety precautions contained in the factory service manual.

## ATTENTION

- This manual indicates items you need to pay attention to in order to install this product safely and lists precautions to avoid any possible damage and/or accidents.
- This product is an automobile part. Do not use for any other purposes.
- HKS will not be responsible for any damage caused by incorrect installation and/or use, or use after modification and/or dismantling of this product.
- This product was designed for installation on a specific factory vehicle.
- The specifications of this product are subject to change without notice.
- The instructions are subject to change without notice. Make sure to refer to the most recent instructions.

## SAFETY PRECAUTIONS

The following precautions for use of this product are to prevent possible accidents and/or injuries and for proper use.



### WARNING

Indicates risk of serious injury and/or possible death.



### CAUTION

Indicates risk of damage to people or large-scale damage to property.  
(Large-scale damage is the damage caused by a product defect.  
Ex. Damage to a vehicle, burnout, etc.)

## PARTS LIST

NO.	DESCRIPTION	QT	REMARKS
1	Joint Pipe	1	
2	Gasket	2	
3	Bolt	4	
4	Nut	4	
5	Washer	8	
6	Operation Manual	1	
7	Installation Manual	1	

## 1. REMOVAL OF JOINT PIPE

Use this instruction manual and the manufacturer's service manual as a reference.

## 2. INSTALLATION OF JOINT PIPE

- (1) Insert the Joint Pipe between the cross member and engine. Fasten the pipe with a rope to hold the pipe.

- P1: Joint Pipe x 1

- (2) Remove the SST used to remove the joint pipe. Reinstall the engine to the original position. Tighten the engine mount nuts.

- Tightening Torque:  $45\text{N}\cdot\text{m}$  ( $4.6\text{kgf}\cdot\text{m}$ )

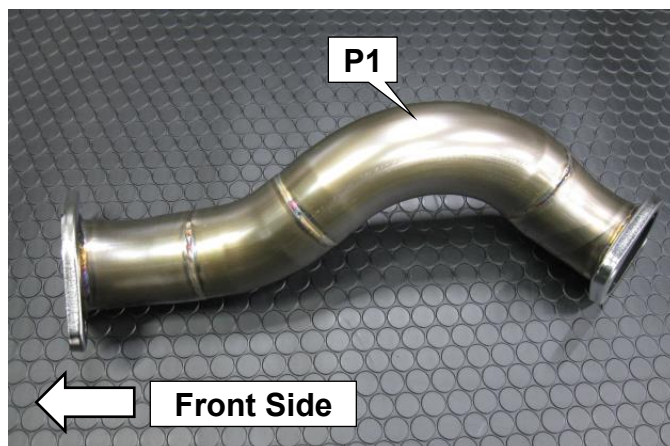
- (3) Unfasten the pipe. Insert the provided Gasket between the flanges and tighten it with the provided Bolts, Nuts, and Washers.

- P2: Gasket x 2
- P3: Bolt x 4
- P4: Nut x 4
- P5: Washer x 8

- Tightening Torque:  $43\text{N}\cdot\text{m}$  ( $4.4\text{kgf}\cdot\text{m}$ )

### NOTE

It is recommended to determine the installation position after temporarily install the pipe and check if the pipe does not come in contact with other exhaust parts.



## 3. CONFIRMATION AFTER INSTALLATION

- (1) After installation is finished, make sure the installed parts do not come in contact with any other parts of the vehicle.
- (2) Start the engine and run it at approximately 2,500rpm. Make sure the exhaust gas is not leaking.
- (3) Make a trial run. Check for the exhaust gas leakage and noise.



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