



nismo

INSTALLATION INSTRUCTIONS

TY-546-N01

1. DESCRIPTION: NISMO STABILIZER BAR KIT

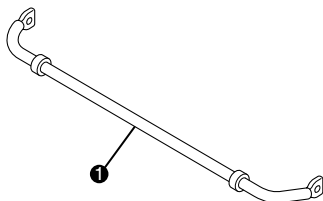
2. APPLICATION: 370Z

3. PART NUMBER: E4600-1EA00-US

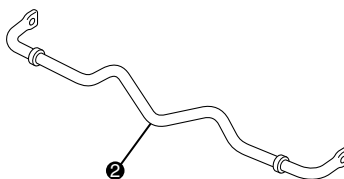
4. KIT CONTENTS:

Item No.	Qty	Service Part Number	Description
1	1	E4610-1EA00	Front stabilizer bar
2	1	E6220-1EA00	Rear stabilizer bar
3	1	20692-65J00	Gasket ① (Pipe-FR to Pipe-CTR)
4	2	20692-1E810	Gasket ② (Pipe-CTR to MFLR)
5	2	08918-3401A	Nut (Pipe-FR to Pipe-CTR)
6	1	TY-546-N01	Installation Instructions

■ FRONT



■ REAR



Component parts

① Front stabilizer×1
② Rear stabilizer×1
③ Gasket×1

④ Gasket×2
⑤ Nut×2

5. TOOLS REQUIRED:

- Torque wrench
- Combination wrenches (12mm, 14mm, 17mm)
- Ratchet wrenches
- Sockets (10mm, 12mm, 14mm)
- Socket extension(s)

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6. INSTALLATION NOTES AND PRECAUTIONS:

★ You will see various symbols in this manual. They are used in the following ways:



WARNING

This is used to indicate the presence of a hazard that could cause death or serious personal injury. To avoid or reduce the risk, the procedures must be followed precisely.



CAUTION

This is used to indicate the presence of a hazard that could cause minor or moderate personal injury or damage to your vehicle. To avoid or reduce the risk, the procedures must be followed carefully.

A) Before Installation

1. After opening the packing, check to see if any parts are missing and that the product is not damaged.
2. This product should be installed with proper installation tools.
3. Install this product while observing all warnings and precautions stated in this manual.



WARNING

- Do not make any alteration or modification to this product. Serious injury may result.
- After installation, check for clearance and interference with the body and/or chassis parts. Do not drive the vehicle if interference is found. Interference could lead to an accident and serious injury.



CAUTION

- Before installation, confirm application and part number. If the product is installed on an improper vehicle, it may result in vehicle damage or an accident.
- The specified torque shown in this manual must be used. Tightening bolts above the specified torque may result in damage.
- After installation, be sure to check to make sure that the tires, wheels, suspension parts and body do not interfere with each other.

B) Before Using



WARNING

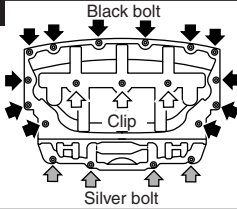
- Read your Vehicle Owner's Manual to assist you in the safe operation of your vehicle. Failure to do so may result in an accident and serious injury.
- Always observe rules, regulations and posted speed limits when operating any motor vehicle. Always wear your seatbelt.
- After installation, test-drive the vehicle for about 30 miles (50 km) at speeds less than 40 mph (60 kph). Avoid any quick maneuvers.
- If any abnormal noises are heard or abnormal vibrations are felt, immediately stop the vehicle in a safe place and check your vehicle. Driving with an abnormal condition may result in an accident and serious personal injury.
- Do not use this product for anything other than the purpose described in this manual. Any accident or injury incurred by improper use of this product is the sole responsibility of the user.

INSTALLATION INSTRUCTIONS – NISMO Stabilizer Bar Kit

7. INSTALLATION PROCEDURE

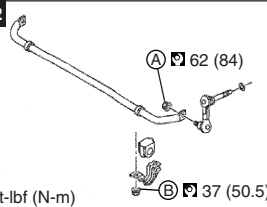
A) Removal of Front Stabilizer

Fig.1



- 1) Lift the vehicle. Secure the vehicle on hoist or with suitable stands.
- 2) Remove under cover (silver bolt : 4, black bolt : 12, clip : 3). (Fig. 1)

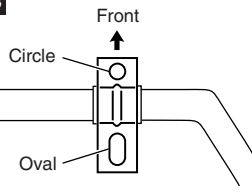
Fig.2



- 3) Remove nut from the stabilizer bar side of stabilizer connecting rod and separate stabilizer connecting rod and stabilizer both side. (Fig. 2-Ⓐ)
- 4) Remove nuts securing stabilizer clamp, and then remove stabilizer clamp, stabilizer bushing and stabilizer clamp bracket two nuts on each side. (Fig. 2-Ⓑ)
- 5) Remove stabilizer from the vehicle.

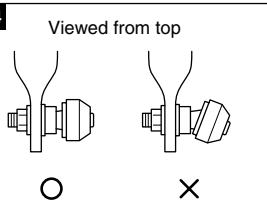
B) Installation of Front Stabilizer

Fig.3



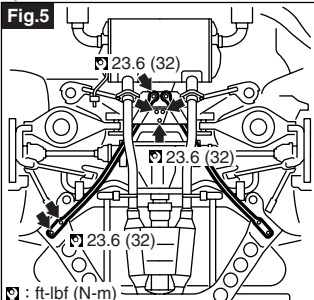
- 1) Reuse standard bushing.
 - Exchange change it to, Replace bushing if presence of crack, wear out, and abnormality is confirmed. (BUSH Parts No. 54613-JJ50A)
 - Apply and spread rubber grease again if grease inside bushing dries up.
- 2) Attach stabilizer bushing to stabilizer, and then secure it to the vehicle with stabilizer clamp. (Fig. 2-Ⓑ) Install correct direction of stabilizer clamp. (Fig. 3)
- 3) Attach stabilizer to connecting rod. (Fig. 2-Ⓐ)
- 4) Position the connecting rod such that the pillow ball head is horizontal with respect to stabilizer. (Fig. 4)
- 5) Attach under cover.

Fig.4



C) Removal of Rear Stabilizer

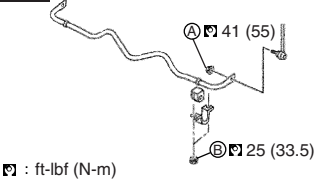
Fig.5



- 1) Lift the vehicle. Secure the vehicle on hoist or with suitable stands.
- 2) Remove center muffler and center muffler hangers. (Fig. 9)
- 3) Remove reinforcement bar (left side only). (Fig.5)

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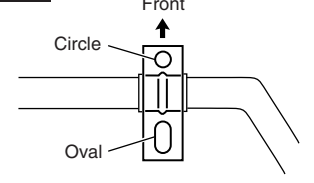
Fig.6



- 4) Remove nut from the lower side of stabilizer connecting rod, and then separate stabilizer connecting rod and stabilizer. (Fig. 6-**A**)
- 5) Remove nut securing stabilizer clamp, and then remove stabilizer clamp and stabilizer bushing. (Fig. 6-**B**)
- 6) Remove stabilizer from the vehicle.

D) Installation of Rear Stabilizer

Fig.7



- 1) Reuse standard bushing.
 - Exchange change it to, Replace bushing if presence of crack, wear out, and abnormality is confirmed. (BUSH Parts No. 54613-JK01A)
 - Apply and spread rubber grease again if grease inside bushing dries up.
- 2) Attach stabilizer bushing to stabilizer, and then secure it to the vehicle with stabilizer clamp. (Fig. 6-**B**)
Install correct direction of stabilizer clamp. (Fig. 7)
- 3) Attach stabilizer to stabilizer connecting rod. (Fig. 6-**A**)
Position the connecting rod such that the pillow ball head is horizontal with respect to stabilizer. (Fig. 8)
- 4) Attach reinforcement bar (left side only). (Fig. 5)
- 5) Attach and secure center muffler hangers and center muffler using new gaskets and nuts. (Fig. 9)

Fig.8

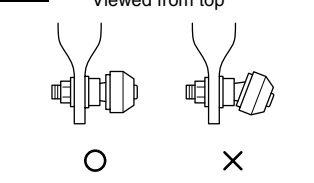
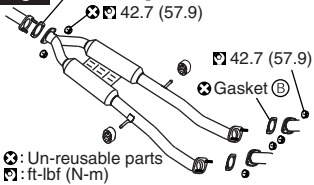


Fig.9



Technical Data

		Front	Rear
Stabilizer	Outer diameter	in (mm) 1.1 (27.2)	1.0 (25.4)
	Thickness	in (mm) 0.2 (5.3)	0.1 (3.5)
	Spring rate	lb/in (N/mm) 514 (90.1)	542 (95.0)