

NISMO FRONT POWER BRACE SYSTEM 2 INSTALLATION INSTRUCTIONS

Part No.	54480-RSS51-US	54480-RSS30-US
Manual No.	TY-544-C3	

- Thank you for your purchase of this product. Please read this manual thoroughly before installation and use, to ensure proper operation and handling.
- After installation, please be sure to pass this manual on to the customer.
- This product is not covered under the vehicle warranty repair.
- After opening the packing, check to see if any parts are missing and the product is in good condition and not damaged.
- Copying or reprinting any part of this manual without permission is prohibited.

★ 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.

[Installation (to the technician)]

1. This product should be installed in a service facility with proper installation tools.
2. 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.
- Do not drop the product. Serious injury may result if it jumps in an unexpected direction.



CAUTION

- Before installation, confirm application and part number. If the product is installed on a different 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.

[Before Using (to the customer)]



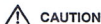
WARNING

- Always observe rules, regulations and posted speed limits when operating any motor vehicle. Always wear your seatbelt.
- 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 the 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.

NOTE

- After installation, test-drive the vehicle for about 30 miles (50 km) at speeds less than 40 mph (60 kph). Avoid any quick maneuvers.
- When driving on dumpy or rough roads, reduce speed to avoid damage from contact between the road and the vehicle's body.
- The response and motion of the vehicle will change after installation. Always drive safely.

[Installation/Description]

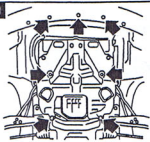


CAUTION

- Before installation, be sure to place the jack (or hoist) at the correct jack-up point to lift the vehicle and secure with suitable stands. Always chock the appropriate wheels.
- Never get under a vehicle only supported by a jack.
- Do not use vehicle jack to install kit. (Vehicle jack is not meant for this type of work.)

Removal of Tension Rod Bracket

Fig. 1



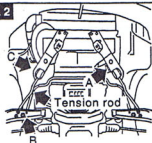
1. Remove bolts (indicated by the arrows in Fig.1) securing front under guard, and then remove under guard. (Bracket for S15 vehicle is shown in figure.)



CAUTION

- The tension rod may fall after removing bolts and nuts securing under guard. Be sure to hold the under guard while removing bolts.

Fig. 2



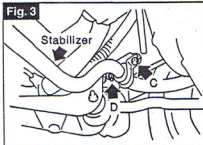
2. Remove power steering hose bracket. (Fig. 2-A)
3. Remove nut (Fig. 2-B) on the lower arm side and bolt and nut (Fig. 2-C) on the body side, and then remove tension rod. Before removing tension rod, paint identification marks on both right and left tension rod to prevent wrong installation.



CAUTION

- The tension rod may fall after removing securing bolts and nuts. Be sure to hold the tension rod while removing bolts.

Fig. 3



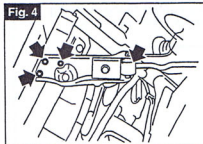
4. Remove bolt (Fig. 3-C) and nut (Fig. 3-D), and then remove clamp securing stabilizer. At this time, the stabilizer is in a state of being hung from lower arm.



CAUTION

- The stabilizer may fall after removing securing bolts and nuts. Be sure to hold the stabilizer while removing bolts.

Fig. 4



5. Remove bolts (indicated by arrows in Fig. 4) securing tension rod bracket, and then remove bracket. (Bracket for S15 vehicle is shown in figure.)



CAUTION

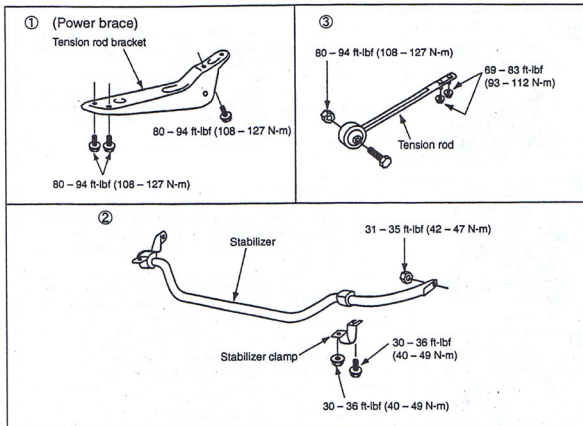
- The bracket may fall after removing securing bolts and nuts. Be sure to hold the bracket while removing bolts.

Installation of Front Power Brace System

1. Install tension rod bracket (power brace) and tension rod in the reverse order of removal.

- ① Installation of Tension Rod Bracket (Power Brace)
- ② Installation of Stabilizer
- ③ Installation of Tension Rod
- ④ Installation of Under Guard

Refer to the following figure for the tightening torque of each part.



⚠ CAUTION

- When installing the power brace, first temporarily tighten all the securing bolts, and then fully tighten them after checking the power brace for distortions or the like.
- When installing the under guard, first temporarily tighten all the securing bolts, and then fully tighten them after checking the under guard for distortions or the like.