

# iSWEEP Chassis Reinforcement Parts Manual

**Product Name** : iSWEEP Front Member Power Brace  
**Applications** : MINI F56

## 1 Forward

Thank you for your purchase of our iSWEEP product.

This product is the chassis reinforcing “Front Member Brace”. In order to familiarize yourself with this product, please take the time to read this instruction manual carefully before installing our product. This manual is a guide to install our product correctly and safely

- ※ Please check the product name and vehicle application before installing this product. In the event of any complications regarding this product please contact us.
- ※ This product was designed for use only on the MINI F56. Any other uses other or modifications done to fit other chassis or models will void all warranty and claims. Please note that using this product other than its intended use can cause serious injury or death. This product is intended for off road use only
- ※ This product may have been redesigned and may not look exactly what the photos describe. We may change the design of the part without notice.




### Please Note

- In order to use the product properly, please read and understand this manual thoroughly.
- When you have completed the installation we ask that you return this manual back to the vehicles owner.
- We ask that if you decide to part with this product please include this instruction manual to the next owner. When it comes time to sell this product to another person, please transfer this manual to the next user.


## 2 Signal keyword in this text and its meaning


In this "Manual", our company warns in advance to prevent damage and/or harm to the property of you or other people. We would like you to observe caution in order to safely use our products. Meaning of the display (signal word) and the graphical symbols are as follows. Please read the text so that you are familiar with the content

Meaning of signal Keyword

| Signal Keyword   | Meaning of signal Keyword   |
|--|---|
|  <b>Danger</b>  | Incorrect handling and ignoring the signal keywords will lead to serious injury or death.   |
|  <b>Warning</b> | Incorrect handling and ignoring the signal keywords, you are risking danger which can lead to serious injury or death.  |
|  <b>Caution</b> | Incorrect handling and ignoring the signal keywords, You risk causing danger to the vehicle as well as possibly causing serious injury or death.  |
| Please Note  | Incorrect handling and ignoring the warning display, you risk failure of the parts and or the vehicle.<br>You jeopardize the performance of this product and compromise the intended function and purpose of his product. |

## 3 Please make sure to read this

|  Warning  |
|--|
| <ul style="list-style-type: none"> <li>● Make sure you understand the removal and installation of the Front Member Brace. Use the factory service manual for reference if the instructions are not clear.</li> <li>● Use the correct tools when working on the vehicle.</li> <li>● If there is an area in question please check the factory service manual and follow their instructions.</li> <li>● Use this manual and follow the instructions.</li> <li>● Use manufacturers listed torque specifications in the factory service manual.</li> <li>● Exchanges are limited to our dealers and not to individual customers who install them themselves. It is very dangerous to work on your car if you don't have the experience to do so. We highly recommend seeking out a qualified service facility. Furthermore, when your vehicle needs to be serviced and the iSweep parts need to be removed and reinstalled again, only persons with correct knowledge of this product can safely re-assemble your vehicle.</li> </ul> |

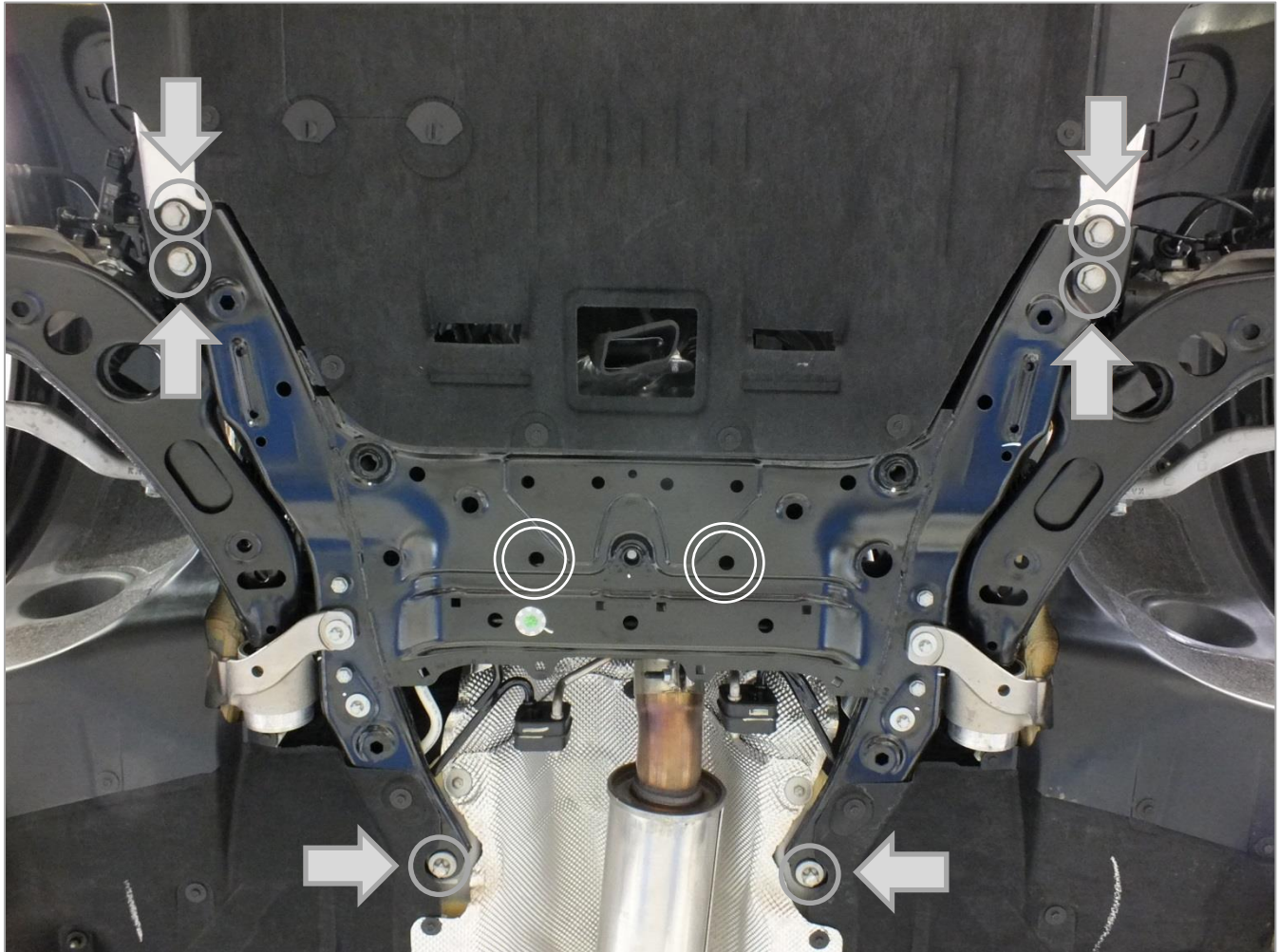
|  Caution   |
|---|
| <ul style="list-style-type: none"> <li>● This manual is for the Front Member Brace.</li> <li>● This manual was developed using private cars.</li> <li>● Do not attempt to install this product to any other vehicle. Only install this product to the specified vehicle.</li> </ul> |

■ **Included Parts** (Check all parts before starting any work)

- iSWEEP Front Member Power Brace ... x 1
- Socket Cap Bolts M12 x 85mm ... x 4
- Flat Washers ... x 4
- Flange Bolts M8 x 25mm ... x 2
- Bracket for Flange Bolt M8 ... x 2
- Spacer for Front section of Socket Cap Bolt ... x 2

**Installation Instructions**

**Fig.1 【Stock condition】** Unbolt six sub-frame bolts of the arrow.



**Fig.2**

Insert the included two brackets into the hole of sub-frame.

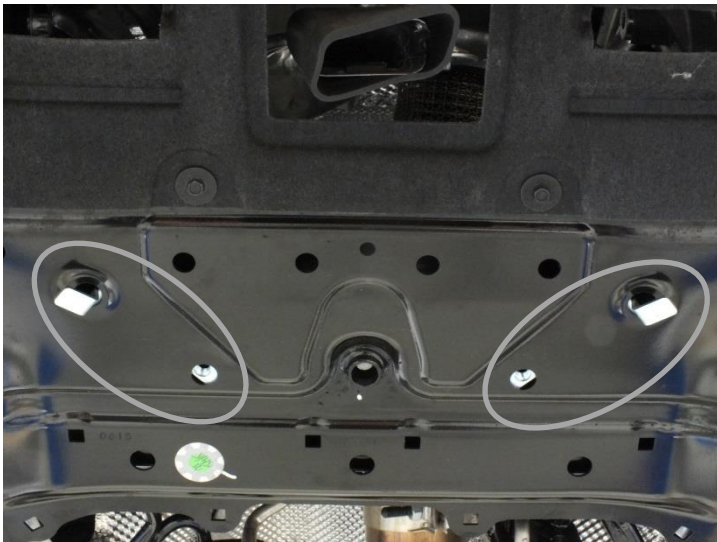
\*As shown in the figure.



**Fig.3**

After the installed the included brackets on the sub-frame.

**\* Keep it the position as shown in the figure.**



**Fig.4**

Sandwich the included spacer between on the front side of the sub-frame and the front member power brace.

**\*As shown in the figure.**



**Fig.5**

Install the included the four Flange Bolts M8 x 25mm socket cap bolts (M12x85mm) together with flat washers.

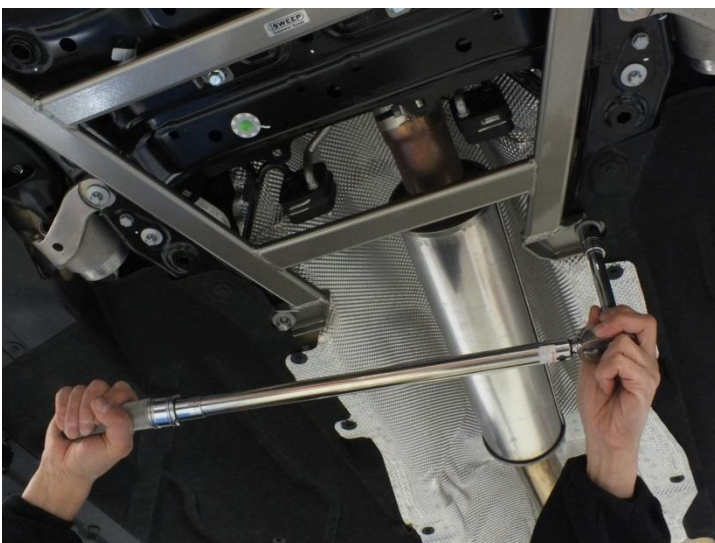
\*As shown in the figure.



**Fig.6**

Install the included two flange bolts (M8x25mm) to the brackets through the power brace.

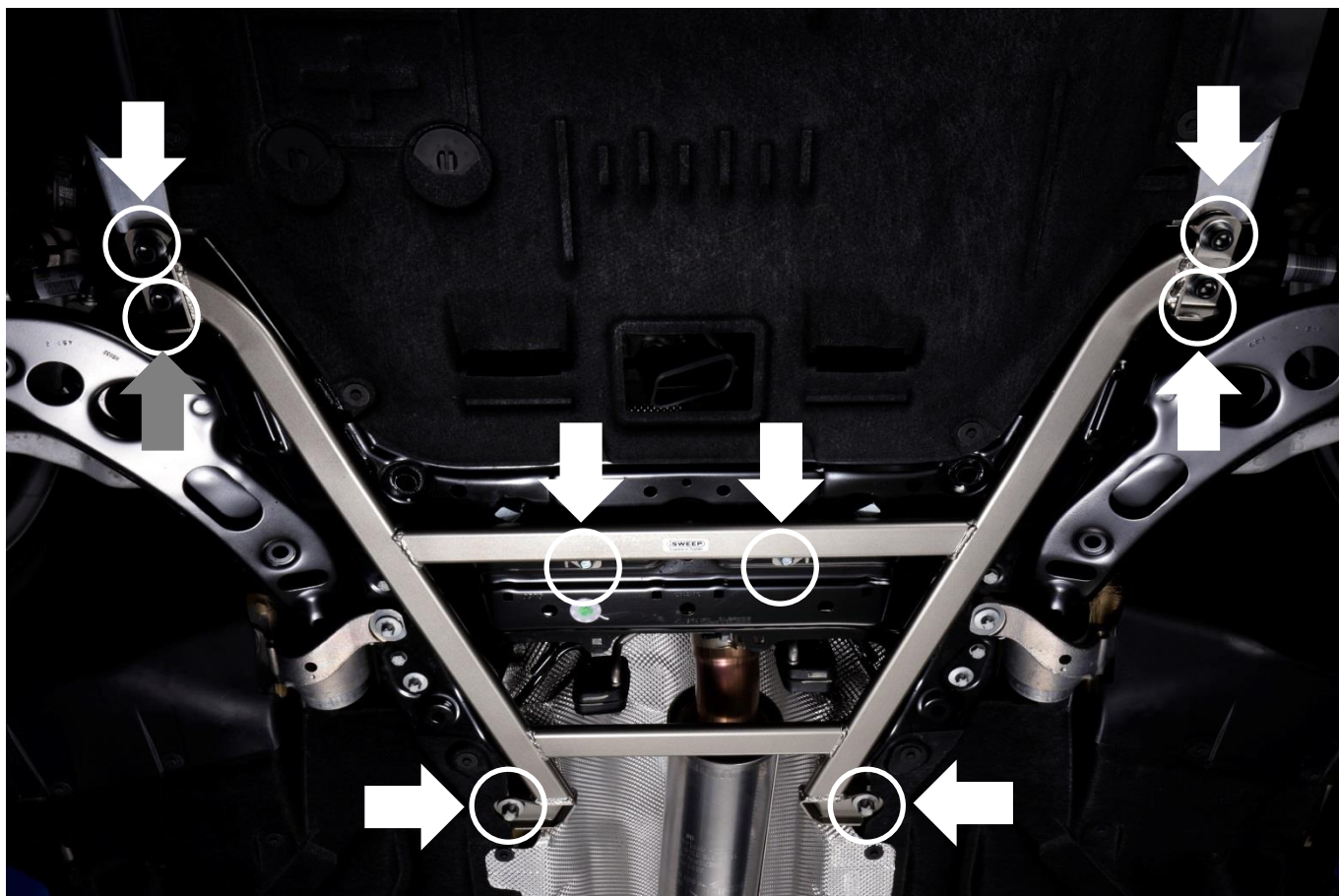
\*As shown in the figure.



**Fig.7**

Reinstall the stock bolts on the rear side of the sub-frame.

\*As shown in the figure.



**Fig.8**  
Please tighten the all bolts.

**TORQUE SPECS:**

Socket Cap Bolt (M12x85mm); 100Nm

Flange Bolts (M8x25mm); 20Nm

Stock Bolt for the rear side of sub-frame; 175Nm

**\*Double check complete installation as shown in the figure.**