



# Installation Instructions

## Mazda MX-5 NA/NB/NBFL Roll Bar non-XL

<b>Date:</b>	04.05.2023	<b>Revision:</b>	1
<b>Editor:</b>	Nico Hafner	<b>Vehicle:</b>	Mazda MX-5 NA/NB/NBFL

### Scope of delivery:

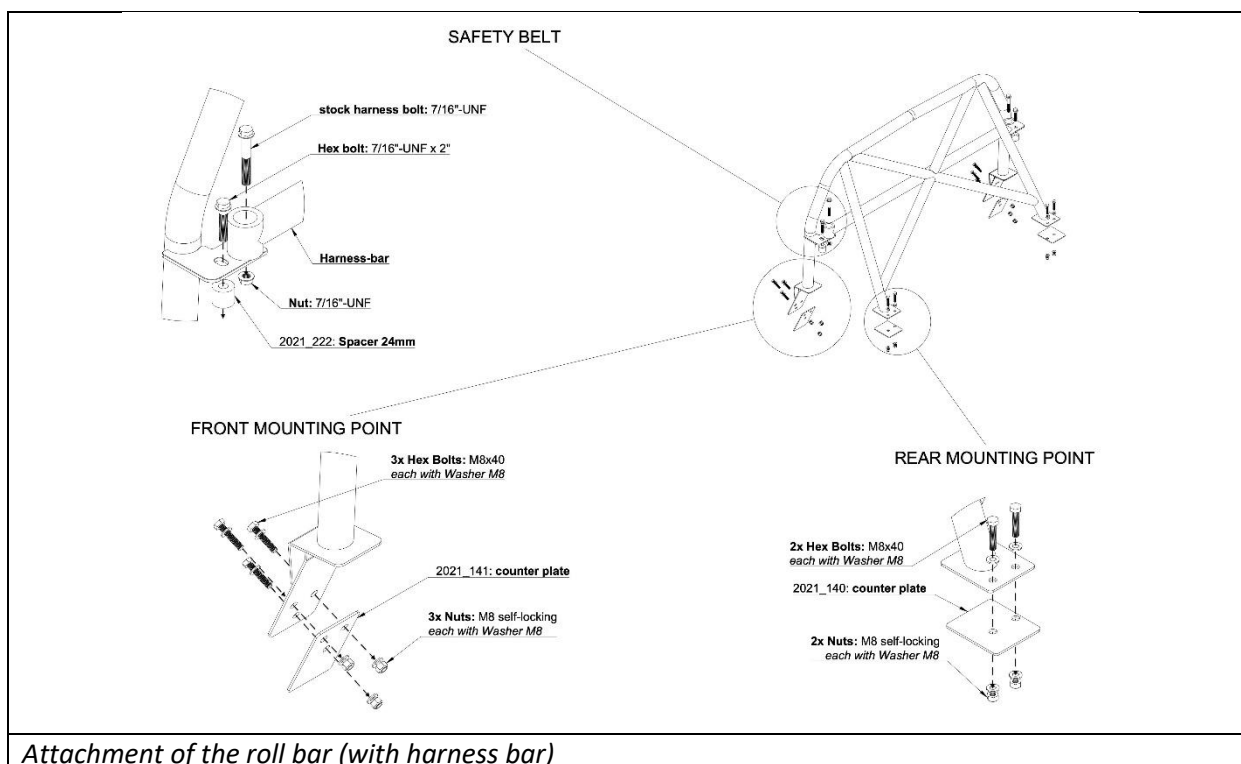
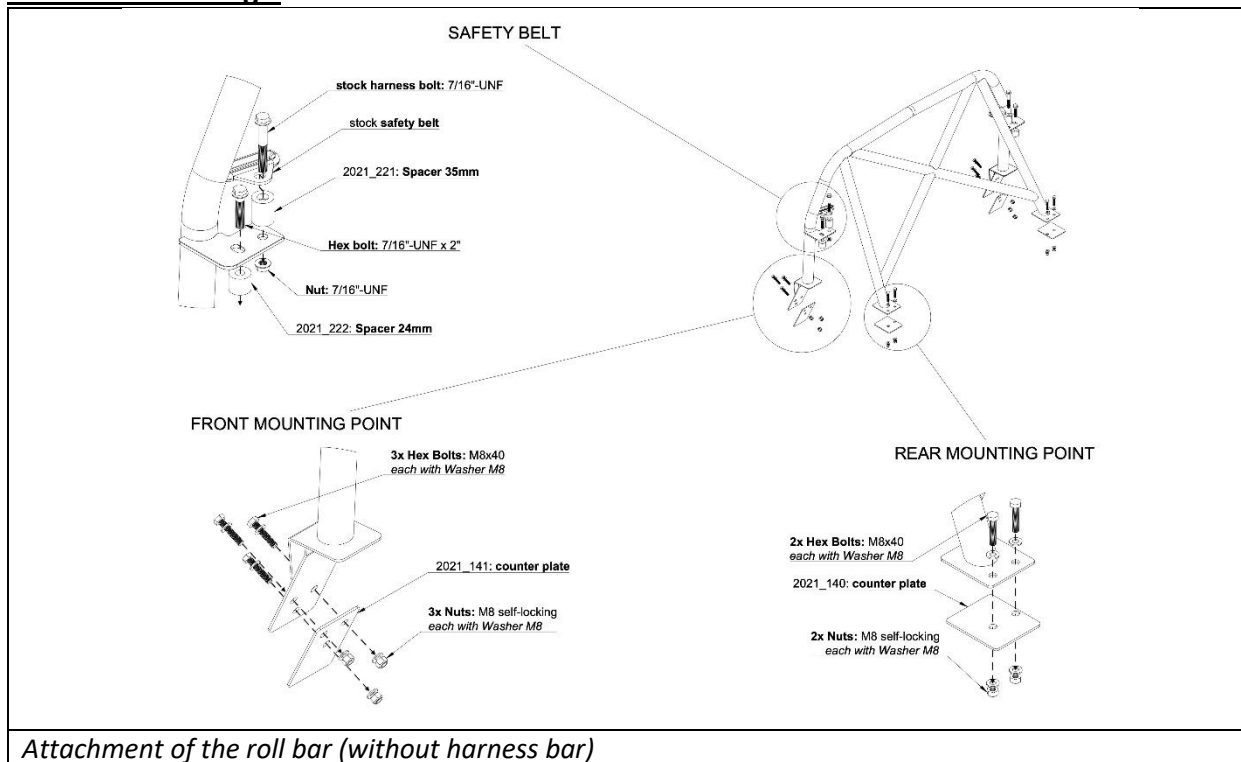
- Roll bar non-XL
- 2x Counter plate rear
- 2x Counter plate front
- 10x Screw M8x40
- 20x Washer M8
- 10x Nut M8
- 2x belt sleeve, short
- 4x belt sleeve, long

### Warning:

Please read this instruction before installation and get in touch with the work on the car! Ideally, have the installation done by a professional workshop. Tighten all screws with the torque recommend by the manufacturer. The assembling company is liable for installation mistakes. In case of manufacturing defects, the corresponding components will be replaced without any costs within the warranty period.

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### Schematic drawings:



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### **Preparation:**

- Park the vehicle, switch off the engine and let the engine cool down
- Dismantle driver and passenger seat
- Remove the carpet behind the seats
- Remove the OEM metal plate on the sides of the fuel tank
- Remove the belt tower covers
- If existing, disconnect the ABS cables on the wheel side and pull them to the interior. They will be moved to a different position later on
- Remove the upper belt shackles

### **Necessary cut-outs and modification of the body:**

- Cut out the rear panel generous with a jigsaw, to be able to drill the holes for the rear mounts vertically
  - ➔ *Don't cut out too much to avoid a collapse of the carpet into this hole. Reseal the cut edges with a paint pen*
- Set the roll bar into the car, so you can draw the cut out on the rear sheet metal part
- Cut out the sheet metal according to your drawing and check for optimal fitment
  - ➔ *Don't cut out too much to avoid a collapse of the carpet into this hole*



### **Placing of the new roll bar**

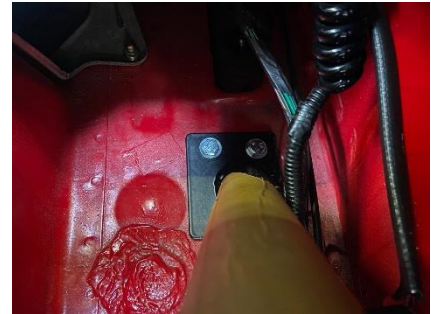
- Place the roll bar, so it rests straight in the car
- Apply the roll bar in the front to the OEM fastening point of the belt shackles, but don't tighten the screws
  - ➔ *It might be necessary to mill the vertical hole to the inside or outside*
- Drill the holes for the rear mounting points. Reseal the drilled holes with a paint pen
  - ➔ *Watch out not to drill into the lower longitudinal beam. You can see where they are by orientating to the spot welding points you can see from above*
- Drill the holes for the front mounting points. Reseal the drilled holes with a paint pen

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### **Attaching the roll bar to the car**

- Attach your belt shackle or harness bar as shown in the picture
- Position your belt sleeves like shown on the picture according to your car
- Use your OEM belt screws to tighten the roll bar in the upper front. When you want to reuse your OEM seat belt, the belt shackle belongs on top of the highest sleeve
- Tighten the roll bar in the rear using the delivered screws M8x40, washers, nuts as well as the counter plates
- Tighten the roll bar in the lower front using the delivered screws M8x40, washers, nuts as well as the counter plates
- Tighten all screws to fully mount your roll bar



### **Final work on the vehicle:**

- Drill new holes for the ABS cables and reconnect them
- Reinstall your cutted sheet metal part and tighten the screws
- Modificate your belt tower covers and reinstall them
- Reinstall your carpet and make cut outs for the rear struts of the roll bar
- Install your carpet
- Reinstall your seat and tighten the screws
- Carefully check if your Softtop / Hardtop can be completely opened / closed to avoid a collision of the roof with the roll bar

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