



Installation instructions

Mazda MX-5 ND exchange steering wheel

Date:	28.07.2021	Revision:	0
By:	Nico Hafner	Vehicle:	Mazda MX-5 ND

Scope of delivery:

- Exchange steering wheel fitting Mazda MX-5 ND

Caution:

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.

Special training is required for dismantling and assembling an airbag! Deviating from the guidelines teached, there is a risk of death due to injuries that can be caused by the airbag!

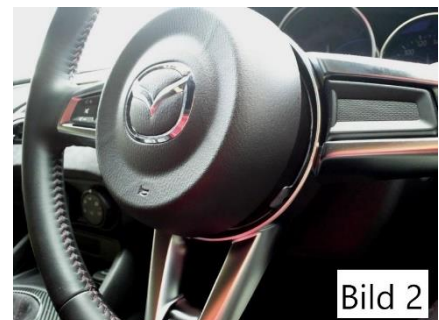
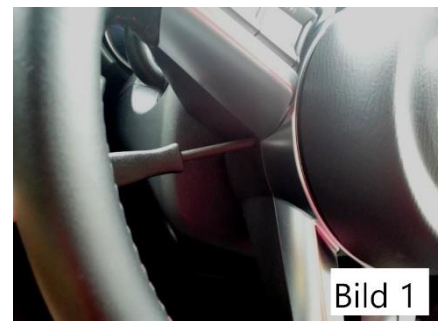
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Preparation:

- Park the vehicle and switch off the engine
- Open the hood
- Disconnect the battery negative lead and pause your work for at least 10 minutes, so all capacitors of the vehicle can discharge.
- Try to turn on the ignition to make sure, all systems are shut down and discharged.

Dismantling of the OEM steering wheel:

- The airbag is held in place with 3 clips. Therefore, you can find holes on the back of the steering wheel to unlock them. Those locks are on the left, right and bottom of the steering wheel and are about 2cm deep in the hole. They can be unlocked by pressing them with a small screwdriver. By unlocking them, the airbag pops a little bit towards you (Bild 1 and 2)
- Unlock the airbag connector by pulling up the inner black lock (Bild 3)
- Discharge your body by touching a blank metal part (for example the door lock). Your bodys charge could cause the airbag to explode in worst case. So please watch out for this
- Pull of the airbag connector and keep it safe
- Pull of the connectors for the controls on the steering wheel and the horn
- Bring steering wheel to a straight position (wheels and steering wheel point forward)
- Remove the center lock of the steering wheel and move the steering wheel up and down to remove it from the steering column



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Transplanting controls and plastic pieces to the new steering wheel:

- Carefully dismantle the controls on both sides of the steering wheels. Those are pinned in place on various positions, the pins often tend to break. So please be careful here. To lift them off you can use a plastic wedge to place it between steering wheel and control switch. After this you can slowly and carefully pull the control off the steering wheel
- The center ring is held in place by pins and has to be removed the same way like the controls.
- The black plastic piece on the backside is held in place by pins as well. They can be unlocked from the inside with a screwdriver and then be removed
- Assemble the covers and controls is the reverse of dismantle. The pins should move in place with low pressure



Fit the new steering wheel into the vehicle:

- Carefully push the steering wheel onto the steering column. Watch out, that you push the steering wheel straight to possibly avoid an alignment
- Tighten the center lock nut of the steering wheel according to manufacturer's advise
- Attach electric connectors for horn and steering wheel controls
- Discharge your body by touching a blank metal part (for example the door lock). Your bodys charge could cause the airbag to explode in worst case. So please watch out for this
- Attach the airbag connector and lock it with the black plastic clip
- Attach the airbag to the steering wheel by simply pushing it carefully into the locks

Final work on the vehicle:

- Reconnect the negative lead to the battery
- Check the function of horn and control switches
- Airbag control light should not be on after finishing your work on the car
- There might be an alignment necessary after your work, because the gearing of both steering wheels might not be in the exact same position. In this case an alignment is recommended and necessary

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