

SPS Motorsport GmbH
Im Petersfeld 4
65624 Altendiez

Telefon: 06432/6409960
Fax: 06432/6409966
Web: <http://sps-motorsport.com>
E-Mail: info@sps-motorsport.com



Installation Instructions

Group A exhaust system MX-5 NC

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Editor:	Nico Hafner	Vehicle:	Mazda MX-5 NC

Scope of delivery:

- 1x rear silencer fitting MX-5 NC
- 1x mid-silencer pipe fitting MX-5 NC

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.

Nico Hafner	gez. Nico Hafner
Name of editor	Signature



Preparation:

- Park the vehicle, switch off the engine and let the engine cool down
- Remove the undertray braces

Removing the old exhaust system:

- Lift the car full up to work from below
- Loosen the connection between rear silencer and mid-silencer pipe
- Push the rear silencer backwards to get the mid-silencer pipe away from the rear silencer's studs
- Loosen the rear silencers' rubber mounts on the vehicle side
- Carefully lower the rear silencer and remove it from the vehicle
- Line up the flange of the new mid-silencer pipe with the old flange pointing to the rear silencer
- Mark the cutting spot on the old pipe (the spot where the new pipe narrows, because you'll push the new pipe into the old catalytic converter pipe)
- Cut off the old pipe in the marked spot

Swapping work from the old to the new exhaust system:

- Remove the rubber bushings from the old exhaust and place them on the new exhaust system

Installation of the new exhaust system:

- Place the new mid-silencer pipe over the pipe of the catalytic converter and secure it with the rubber bushings
- Place the new rear silencer in the vehicle and secure it with the rubber bushings
- Connect the rear silencer to the mid-silencer pipe and tighten it using a new gasket (Tightening torque according to manufacturer's advice 38-52 Nm)
- Ideally you weld the connection between catalytic converter pipe and mid-silencer pipe. If you choose to use the delivered clamp, make sure you'll have enough space between clamp and the bracing underneath the car
- Connect the tips to the exhaust system and secure it with the delivered mounting material



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Final work on the vehicle:

- Check the position of the tips in relation to the rear bumper. The tips should not be too close to the rear bumper to avoid temperature damage to the bumper. Ideally there should be a distance of 1-1.5 cm
- Reattach the underbody braces
- Start the car and check for any leakage of the exhaust system
- Check the distance between tip(s) and bumper again after your test drive



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