

Congratulations for choosing our excellent coolant reroute solution. We are confident our kit delivers great performance and will be beneficial to your MX-5. By your purchase you support future development of new, custom made performance parts to make our cars even more fun.

We recommend to quickly read through the whole guide before starting the job.

### Contents:

Reroute spacer  
Blanking plate or freeze plug kit  
Set of new gaskets + one spare  
Washer for temperature sensor  
Two M8 bolts and two washers

Nut for threaded stud removal  
Two hose clamps  
Bracket for holding the long hose  
New thermostat housing cover  
1/8 NPT plug and PTFE tape

**Installation equipment needed:** spanners, socket wrench set, screwdrivers, knife, patience ☺

Safety first: Installation should be attempted only by person with experiences in working on cars. When not sure what to do, take your car to a professional car service. We cannot be held liable for any damage which might occur due to improper installation. This guide is not a service manual.



### 1. Prepare the car

- When the engine is cold, drain the coolant.
- Optional: remove the coils for better access (don't forget to mark the leads)
- For some engines you might need to remove the bottom mount on the coil bracket to install the reroute spacer. Removing it does not cause any issues, many cars will have it cut off already.
- Whether you're going to use an additional coolant temperature sensor or you want to plug the NPT thread with blue blanking plug, please wrap a generous amount (at least 20 cm / 8 inch) of provided PTFE tape around the thread, screw it into the reroute spacer and tighten down.

### 2. Disassemble front coolant piping

- Disconnect coolant hose from top of the radiator and the engine block
- Remove thermostat housing cover from front of the engine (you will not need your old housing, so you can put it away or dispose of it)
- Clean the parts from old gasket remainings.

Caution: failed to completely clean the matching surfaces will result in improper seal and will cause a coolant leak!



### 3. Disassemble rear coolant piping

- Disconnect heater hose from back of the engine
- Remove the heater outlet
- Remove the threaded stud using a spanner and two nuts locked to each other
- Clean the parts from old gasket remainings

### 4. Install front blanking plate

- Bolt the blanking plate with new gasket under it to the front coolant outlet



### 5. Install rear spacer and housing cover

- Put the thermostat to the groove in reroute spacer, the weep hole on thermostat should point upward
- Attach the thermostat housing cover to the spacer, put the bolts in
- Gaskets go between each two parts (engine-spacer, spacer-housing)
- Mount the assembly to the back of the engine
- Install the temperature sensor to the coolant reroute spacer

(photo on the right is from 1.6 NA)



### 6. Connect the piping

- Trim the new hose (optional – if you got one from us, see the attached guide on hose fitment)
- When the hose connection to the radiator is done, reconnect the cabin heater inlet hose to the outlet on the reroute spacer
- Check if all hose clamps are secure (hoses are from rubber, so do not over tighten)

### 7. Test the rerouted cooling system

- Fill the radiator with coolant and squeeze the hoses to let air out
- Start the car and check for leaks, check if thermostat opens (hoses will get warm)
- If everything is fine, bleed the air from the system (never open the radiator cover when hot, let it cool down and then top up the coolant)



That's it! We hope you'll enjoy your cooler car as much as we do. Should you have any questions or feedback, please let us know via [hello@skidnation.com](mailto:hello@skidnation.com) or [facebook.com/skidnation](https://www.facebook.com/skidnation). You can also follow us on [instagram.com/skidnation](https://www.instagram.com/skidnation) to stay in touch with our latest news and product development. Now it's time to put this guide away, go for a drive and check for leaks once again.