Dear customer,

Congratulations on choosing the Noctua NF-A6x15 5V.

We at Noctua always strive to achieve superior quiet cooling performance regardless of whether it's a big 200mm fan or a small 40mm one. That's why the NF-A6x15 5V sports many of the features and advanced aerodynamic design measures of our award-winning larger models, making it perhaps the most thoroughly optimised 60mm fan on the market.

Each Noctua fan is double-checked for flawless operation by our quality control team before it leaves the factory and I'm confident that you will be able to sense some of the research, attention and care we've put into making this product.

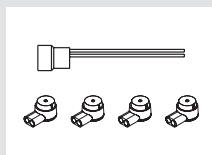Enjoy your NF-A6x15 5V!

Yours sincerely,

Roland Mossig, Noctua CEO

This document includes some instructions for installing, running and cleaning your NF-A6x15 5V.
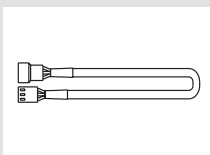
Should you encounter any difficulties, please check the FAQs on our website (faqs.noctua.at) and don't hesitate to contact our support team at support@noctua.at.

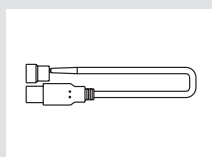Multilingual versions of this manual are available on our website: www.noctua.at/manuals
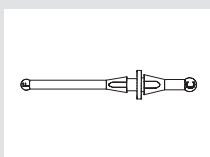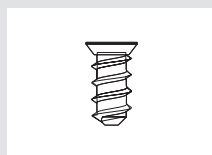
Included mounting parts:

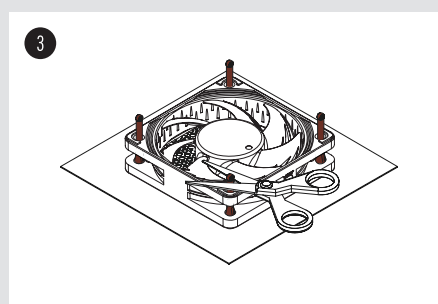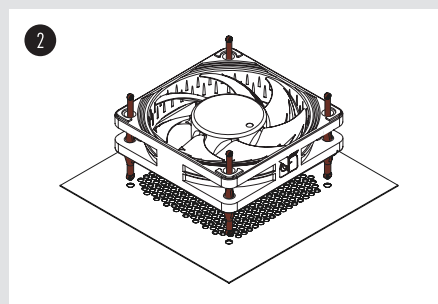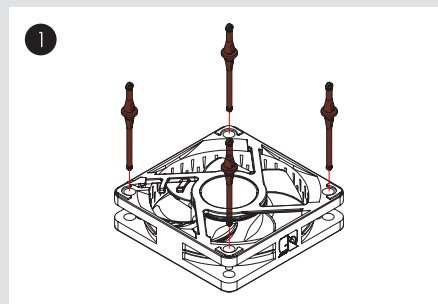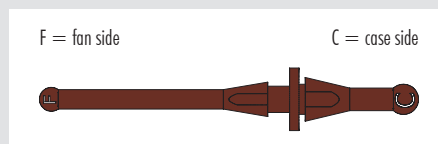|	
OmniJoin™ adaptor set	NA-EC2 30cm extension cable
NA-AC7 USB power adaptor cable	4x NA-AV2 anti-vibration mounts
4x fan screws	

1   Installation

If you replace an existing 60mm fan with the NF-A6x15 5V in devices such as storage or network solutions, it is usually best to use the screws (or other mounting mechanism) used for the original fan.

Depending on the application, it may also be possible to use the supplied mounting screws or silicone anti-vibration mounts.

Caution: Being a 5V fan, the NF-A6x15 5V can not be run at 12V and will be damaged when used with typical 12V power sources such as PC motherboard fan headers.

For installing the fan using the NA-AV2 mounts, please first pull the F side through the fan's mounting holes and then pull the C side through the mounting holes of the case:

F = fan side   C = case side

If the long ends of the mounts are in the way, you can use scissors to cut them after installation. Note that this will then make them difficult to reinstall in the future.

2   Connection

The NF-A6x15 5V features a standard 3-pin fan connector. However, please note that the fan can also be connected to standard 4-pin fan headers.

If you would like to run the fan on USB power sources such as devices with USB host ports, power banks or USB power supplies, please use the included NA-AC7 USB power adaptor cable. Please note that the NA-AC7 must be used exclusively with the NF-A6x15 5V fan because using it with other fans bears the risk of damaging sensitive USB host devices.

If you would like to connect the fan to other fan headers, please use the supplied OmniJoin™ adaptor set as described below.
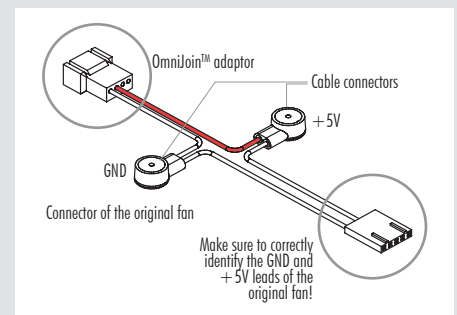
The fan features a short 20cm primary cable in order to help you minimise cable clutter in typical applications. If you need a longer cable, please add the supplied 30cm extension (NA-EC2).

3   Using the OmniJoin™ adaptor set

The supplied OmniJoin™ adaptor set allows you to easily connect the NF-A6x15 5V to proprietary fan headers if you want to replace a 60mm fan in devices such as network or storage solutions.

Please first identify the individual leads of the OmniJoin™ adaptor and the original fan. The OmniJoin™ adaptor uses black for ground (GND) and red for +5V.

The black lead of the adaptor has to be matched with the original GND lead and the red adaptor cable with the original +5V lead. Many fan cables use the same colours as the OmniJoin™ adaptor, but please note that there is no guarantee for this, so make sure to correctly identify the GND and +5V leads of the original fan. Please refer to the manual that came with the device or contact the device manufacturer if in doubt.

OmniJoin™ adaptor
Cable connectors
+5V
GND
Connector of the original fan
Make sure to correctly identify the GND and +5V leads of the original fan!
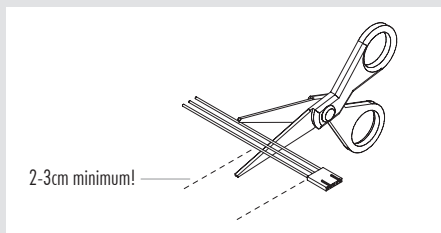
After you've identified the individual leads, please proceed with the following steps to install the OmniJoin™ adaptor:
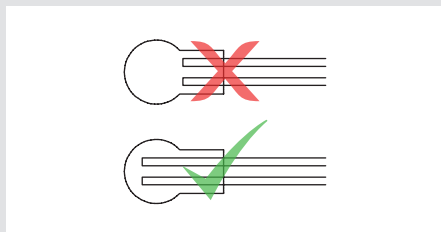
Step 1

Cut off the connector of the fan that was originally used in the device. Make sure not to cut the cable directly at the connector, there should be least 2-3cm of cable left:
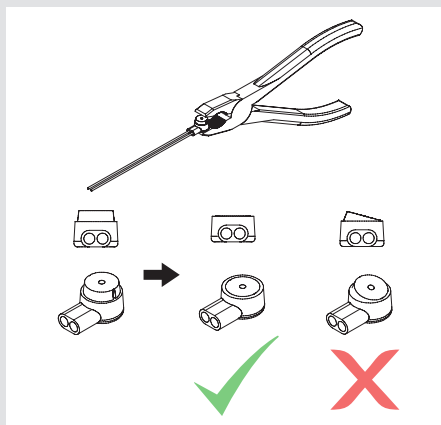
2-3cm minimum!

Step 2

Then take one of the supplied cable connectors and insert the GND lead of the original cable and the black lead of the OmniJoin™ adaptor into the two holes of the cable connector. Make sure that both leads are fully inserted and pushed all the way back.

Step 3

Then use flat nose pliers to push down the yellow button of the cable connector. Make sure that the button is not jammed and pushed all the way down. If the button is jammed, push it down from both sides of the cable connector using the flat nose pliers.

Repeat Step 2 and 3 for the +5V lead.

After you've fixed the original fan's cable to the OmniJoin™ adaptor using the cable connectors, simply connect the NF-A6x15 5V to the adaptor in order to use it in your device.

4 Cleaning and maintenance

In order to maintain maximum performance, please clean your fans regularly using a duster, slightly moist tissue or canned air. Please be careful not to use too much force in order to prevent any damage to the fan. Please don't use a vacuum cleaner as this may apply excessive force to the fan.

In order to ensure flawless operation over many years of usage, the NF-A6x15 5V's premium grade SSO2 bearing is fully sealed to prevent the entering of fine dust particles.

Please note that the fan is not designed to be taken apart by the user. Removing the impeller from the frame will break the sealing of the bearing and results in a loss of warranty.

! Warranty, support and FAQs

Even with high-grade products and strict quality control, the possibility of defects cannot be eliminated entirely. Therefore, we aim at providing the highest possible level of reliability and convenience by offering a warranty period of 6 years and direct, fast and straightforward RMA service.

Should you encounter any problems with your NF-A6x15 5V, please don't hesitate to contact our support team (support@noctua.at).

Please also consult the FAQ section on our website: faqs.noctua.at