

# Reflex Cycling Pedal Manual

German patent and foreign patents pending

Motobicycles-36 UG  
Berlin, Germany  
www.motobicycles.com  
support@motobicycles.com



## MOTO quality

Thank you for choosing the MOTO Pedal. This manual has been designed to assist you with technical support. Should you have any questions please check this manual and if necessary contact an experienced bicycle mechanic or support@motobicycles.com.

The MOTO Pedal is manufactured completely in Germany to the highest quality requirements and assembled carefully by hand. However, should you have reason to complain please contact your bicycle dealer or the MOTO customer support team.

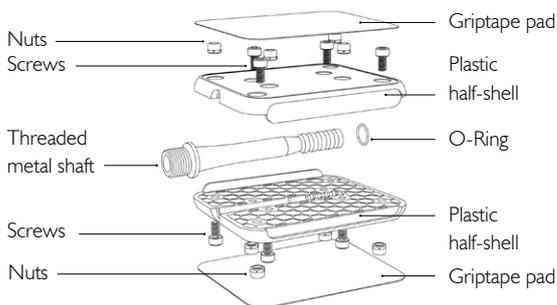
## Safety notes

Please note that the pedals need to be driven for 50 to 100 km before the slide bearings reach their final smoothness.

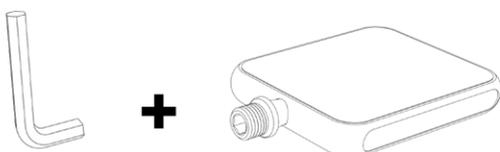
For information regarding pedal maintenance, please read the instructions below or visit our website. Please note that the pedals are not designed for competition use.

We recommend lubricating the bearings with MOTO Bio Gease or equivalent lightweight, silicone-free, synthetic special grease with PTFE additives.

## Construction



## Assembly tool



An 8 mm Allen key is needed to mount the pedals on the crank arms.

The pedal shaft terminates in an 8 mm hex socket.

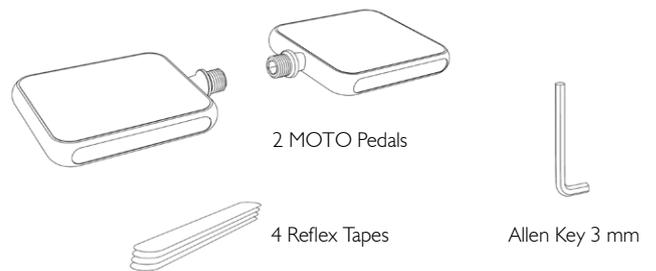
## Safety notes

Please read this manual properly before use and follow all the instructions carefully.

Once you have read the manual you should store it in a safe place for future reference.

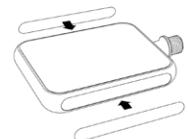
You should only disassemble the pedals if you are familiar with the technology and if you have all the necessary tools at hand.

## Contents

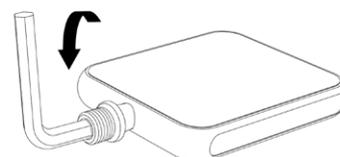


## Initial adjustments

1. Stick the MOTO Reflex Tapes into the designated areas. Make sure the areas are clean.
2. Dismount the current pedals.
3. Clean the crank thoroughly, especially the thread of the pedal crank arm.

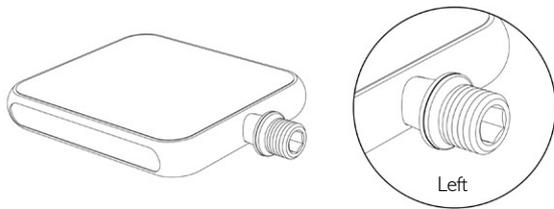


## Fastening



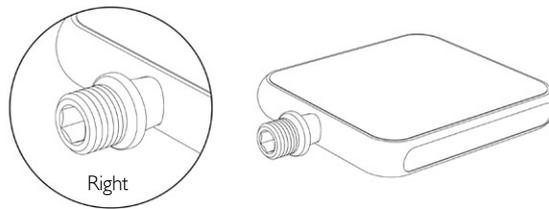
Please apply some lubricant to the crankset pedal thread and observe the the installation instructions and the suggested torque strength given by the crank arm manufacturer!

## Left pedal



The left pedal is further identifiable by a groove / letter on the pedal collar.

## Right pedal



Attention! The right pedal has a right hand thread and the left pedal has a left hand thread at the pedal shaft for mounting on the crank arm.

## Cleaning and care

To retain optimal functionality of the pedals, they can be maintained. Read the following points carefully or watch our service video. Use the following QR code:



This is done in a few simple steps and takes a couple of minutes. To allow cleaning and care if required, the Griptape pads are designed to be reused several times according to the state of their wearout. Reflex tapes must not be removed.

### 1. Remove Griptape (see diagram to the right)

Heat Griptape with a hair dryer for a few seconds and remove it carefully.

### 2. Separate half-shells

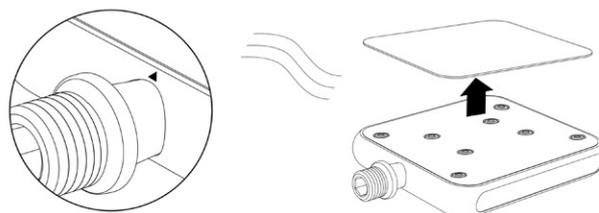
Use the Allen key 3mm, included in the package to unscrew the half-shells.

### 3. Grease pedal shaft

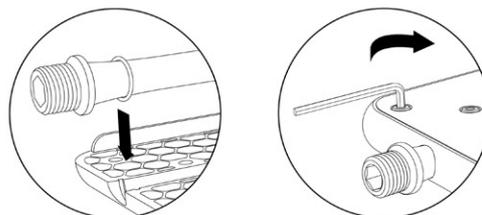
Clean and grease pedal shaft sufficiently. We recommend lubricating the slide bearings with MOTO Bio Grease or equivalent lightweight, silicone-free, synthetic special grease with PTFE additives.

### 4. Tighten half-shells (see diagram to the right)

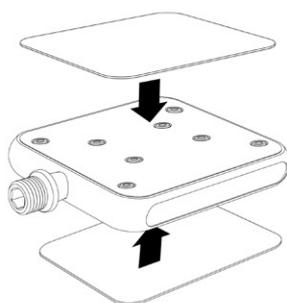
Make sure the O-ring is fitted into the designated grooves of the half-shells to prevent damage. Tighten the screws of the plastic half-shells with a torque of 120-150 Ncm. You can use the Allen key, included in the package.



Please note the triangle mark for pedals side with the allen screws. Apply heat with a hair dryer in order to remove Griptape.



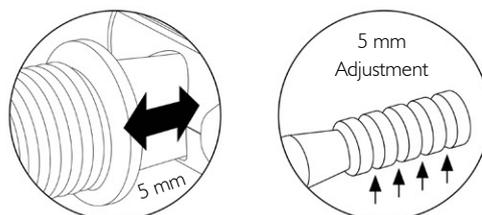
Fitting O-ring into designated grooves and tightening half-shells.



### 5. Apply Griptape

Stick on new or used MOTO Griptape pads on the top and bottom sides of the pedals.

## Pedal width-adjustment



Distance between platform and crank arm can be extended or reduced by 5 mm. To adjust pedal width, unscrew half-shells and change position of the pedal shaft; see also maintenance. This provides additional space for large shoes.

## Assembly notes

Attention! Apply some lubricant to the pedal thread to avoid tight threads and pedal noise.

If needed, the bearings can be retightened after intensive use. Please proceed as described in maintenance.

Find more useful hints at [www.motobicycles.com/support](http://www.motobicycles.com/support)