



Mantis Bike Repair Station – Maintenance and warranty information

Usage

The Mantis bike repair station is simple to use and compatible with all types and models of bicycles. Place the seat post between the brackets of the stand and the bike will be suspended freely. Service tools are fastened to the stand with plasticized steel braided cables long enough to reach all parts of the bike. Once the bike is fixed pull it off the brackets and put it on the ground. Check the tire pressure and cycle away satisfied.

Positioning

The Mantis bike repair station is not free-standing. It must be bolted into a concrete pad, using the appropriate fixings. The base comes predrilled with four holes for securing to the surface. We advise against the use of the repair station without bolting it to the ground.

The bike repair station should be installed only in a sheltered area indoors or under cover to reduce the risk of weathering. Do not install the repair station within 5km of coastal regions to avoid rusting and corrosion.

Maintenance

Due to exposure to various weather conditions, some parts of the stand (Tools + Pump) require regular maintenance.

Tools: We recommend oiling tools with WD-40® Specialist Silicone Lubricant at least twice a month, if necessary several times a month. In winter we recommend WD-40® Specialist Silicone Lubricant.

Pump: We recommend lubricating Handle stick with WD-40® Specialist Silicone Lubricant 1-2 times a month. In winter repeat the process several times a month. Rubber seals wear out over time and must be replaced after some time.

Damage to the tools or pump due to improper and insufficient maintenance cannot be considered as a warranty issue.

Warranty

1-year manufacturer's warranty on all galvanized and powder-coated parts of the stand. Please note that the warranty will be voided if the product is used improperly or the manufacturer's instructions during installation and maintenance are not followed. It is important to adhere to the provided guidelines to ensure the warranty remains valid.

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The repair station tools are subject to Unior manufacturer's warranty. The repair station's pump is subject to the SKS Germany warranty. Contact the sales department today for more information.

Warning: both tools and the pump are open for public use and therefore used more than they would under normal circumstances. Warranty does not apply for product wear. All maintenance is carried out by the repair station owner. All non-warranty costs related to maintenance and tool replacement are also covered by the owner.

Spare products

Code	Art	Dim.	Name
611918	250/1	150	Adjustable wrench
610986	220/3MH	2.5-10/7 MB	Set of hexagon wrenches in metal folding holder
611704	615TBI	PH 2X100	Crosstip (PH) screwdriver TBI
612816	605TBI	1.0X5.5X100	Flat screwdriver TBI
615120	1612PB		Set of cone wrenches
623387	1657/2A		Set of two metal tire levers
625519	1693E.SKS10S		SKS Airworks 10.0 Silver floor pump
625520	1693E.SKS10001		SKS Rubber washer for Airworks 10.0, 35mm
625521	1693E.SKS10002		SKS Hose connection with Multivalve head, Airworks
625522	1693E.SKS10003		SKS Multivalve head for Airworks
625523	1693E.SKS10004		SKS Rubber seal for Multivalve head, Airoworks
625524	1693E.WIRE01		Tool wire, stainless steel, plastic coated 1,4m
625525	1693E.WIRECL		Aluminum wire clamp
625526	1693E.RUBB01		Protective rubber for Tool hole
625527	1693E.ENDCAP01		Outer plastic end cap for bike hanger
625528	1693E.ENDCAP02		Inner plastic end cap for bike hanger
625529	1693E.UVCOVER1		UV rubber cover for bike hanger, transparent, 14cm
625530	1693E.TOPCAP1		Plastic top cap, CNC made
625531	1693E.PCOVER1		Protection cover for pump, galvanized, painted

Pump

The Mantis bike repair station comes with a high quality floor pump from a renowned German manufacturer SKS, model Airworx 10.0 floor pump. The pumps are equipped with a gauge and are compatible with all valves and are easy to use.

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Pump maintenance and replacement

To replace or maintain the pump, follow these steps:

1. Using a drill, remove ten rivets – 6 from the side, and 4 from the bottom to separate the pump frame from the main frame. Use a 4.2mm drill bit. (image 1)
2. Unscrew the bottom 4 screws to remove the metal plate under the pump (image 2)
3. Keeping the complete frame and pump upside down, pull the plastic part from the pump (image 3)
4. Remove the pump from the metal frame.
5. Change the rubber washer or change the pump.
6. Install the pump into the frame.
7. Install the metal plate on the floor bottom with 4 screws (image 4)
8. Use a rivet gun and 10 new blind rivets to install the pump frame back on the stand main frame. Rivet dimension 4 x 9mm. (image 5)



Image 1.



Image 2.



Image 3.



Image 4.



Image 5.

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