

**Thank you for your purchase!** At MSW® we believe having essential accessories makes a good bike ride great. The MSW Ride and Repair Kit will help you keep your bike ride going in the event of a flat tire or minor mechanical issue.

**▲ WARNING:** Cycling can be dangerous. Bicycle products should be installed and serviced by a professional mechanic. Never modify your bicycle or accessories. Read and follow all product instructions and warnings including information on the manufacturer's website. Inspect your bicycle before every ride. Always wear a helmet.

For additional product and safety information go to: [www.mswbike.com/safety](http://www.mswbike.com/safety).

**COMPATIBILITY AND INTENDED USE**

MSW Airlift Mini Pumps are intended for use with bicycle tires that use Presta or Schrader valves (fig. 1).

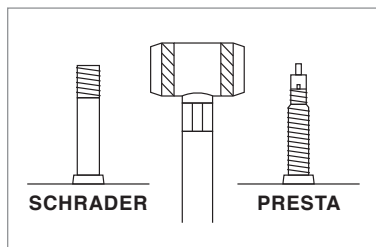


Figure 1

The included mounting bracket is intended for use with standard water bottle cage mounts. **NOT COMPATIBLE** with bicycle tires that have maximum pressure ratings that exceed 80 psi/5.5 bar.

MSW Tire Levers are for use with clincher bead tires. **NOTE:** Check with rim manufacturer before using tire levers.

The MSW Multi-Tool keys fit 2.5, 3, 4, 5, and 6 mm hex bolts, a T25 Torx bolt, and flat and Phillips head screws.

**ATTACHING THE MSW SADDLE BAG TO YOUR BIKE**

Open the buckle, loop the ends of the strap over the saddle's rails, and reattach buckle. Make sure the strap runs through the webbing loop on the bag and that the zippered opening faces up. Using the hook and loop strap, attach the front of the bag to the seatpost. You can adjust the tension on the strap to keep the bag stable.

**FIXING A FLAT TIRE WITH THE MSW RIDE & REPAIR KIT**

You will need:

- MSW Tire Levers
- MSW Airstream 200 Mini Pump
- MSW Patch Kit

**REPAIRING A FLAT TIRE AND TUBE**

1. Inspect rim and rim tape. Clear debris from inner tire surface of rim. Replace rim and rim tape if damaged. Ensure all spoke holes and nipples are covered. To repair the tube with the MSW Patch Kit, see instructions below this section.
2. Install one side of the tire onto the rim.
3. Inflate tube slightly so that it is round but smaller than the tire. To slightly inflate the tube with the MSW Airstream 200 Mini Pump, see instructions below this section.
4. Insert tube valve into the valve hole on the rim. Install lock nut onto the valve, leave loose against the rim.

5. Push tube into the partially installed tire. Ensure the tube is not twisted. Valve should be perpendicular to the rim.
6. Carefully push the loose tire sidewall over the rim lip, starting opposite of the valve. Do not pinch tube between the rim and tire. Work around the tire until the tire is fully installed. If unable to install the tire by hand, use a tire lever to gain leverage. Do not to pinch the tube or damage the rim with a tire lever.
7. Visually inspect the space between the tire sidewall and both sides of the rim by squeezing the tire. Make sure the tube is not pinched between the rim and tire.
8. Inflate tube so that it is pressing against the tire in all locations and then repeat Step 7.
9. Continue to inflate tube slowly. If the tire is migrating off of the rim, stop, deflate the tube, and repeat. Inflate the tube until the tire bead is fully seated on the rim.
10. Adjust pressure to the pressure limit indicated on the tube or the tire, whichever is less.
11. Close air valve, finger tighten lock nut against the rim, and install valve cap.
12. Inspect the tire for any bulges, delamination or obvious defects.

**HOW TO USE THE PATCH KIT**

1. Lightly rough up the tube in the area with the puncture with the included sandpaper.
2. Clean the area.
3. Apply patch with even pressure and ensure that it is fully secure to its edges.

**USING THE MSW AIRSTREAM 200 MINI PUMP**

**MOUNTING THE BRACKET**

1. Remove the water bottle cage, if installed.
2. Place the bracket over the mounting holes, then align the water bottle cage (if applicable).
3. Attach to the frame using the provided M4 x 16mm long bolts. Using a torque wrench and 4mm hex bit, tighten to 3.0–4.0 Nm (fig. 2).

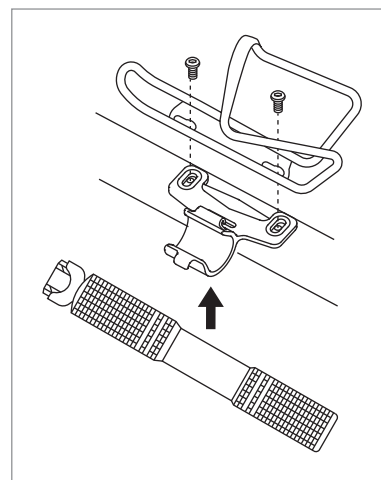


Figure 2

4. Snap the AirLift into place and secure using the provided rubber strap. **NOTE:** Check that the mounting bolts are tight and the strap is secure before each ride.

### PUMP OPERATION

1. Pull the pump head and hose from the pump body.
2. For Presta valves, unscrew the valve lock nut.
3. Thread the pump head onto the valve using the appropriate (Presta or Schrader) side (fig. 3).

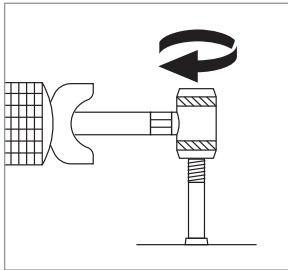


Figure 3

4. Twist the pump body to the middle position to unlock.
5. Pump using two hands until the desired pressure is reached (fig. 4).

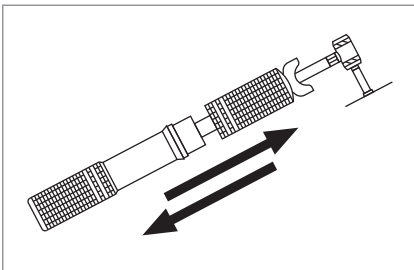


Figure 4

6. Unthread the pump head, return the hose, and twist the pump to the left or right to lock.
7. For Presta valves, screw in the valve lock nut.

### ONGOING MAINTENANCE

Periodically check to make sure your tires are inflated to a pressure within the range recommended by the tire manufacturer.

### WARRANTY PROCESS

If you and your shop think your MSW product is worthy of a warranty inspection, please return the product to the original place of purchase, accompanied by a sales receipt.

For complete warranty information, visit [www.mswbike.com/safety/warranty](http://www.mswbike.com/safety/warranty).