

THANK YOU FOR PURCHASING MSW PEDALS!

MSW Pedals are intended for recreational riding, not aggressive or stunt riding.

⚠ 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.

⚠ WARNING: A loose, cracked, worn out, or crashed pedal can break off of your bicycle crank leading to a loss of control that could cause serious injury. Pedals that are damaged or worn out should not be used. Remove immediately and inspect for damage. If you are unsure if your pedal is damaged, consult your local bicycle dealer and have them inspected.

For additional product and safety information go to:
www.mswbike.com/safety.

COMPATIBILITY

MSW pedals are for 9/16" pedal threads. The cleats for our clipless pedals are compatible with standard 2-bolt SPD and 3-bolt Look-style shoe drillings.

INTENDED USE

- M-series pedals are approved for off-road use
- C-series pedals are approved for city/trekking
- R-series pedals are approved for road riding

TOOLS AND SUPPLIES

3, 4, 6mm Allen wrench

Pedal wrench

Torque wrench

Grease

NOTE: Never use a cone wrench to remove or install a pedal.

NOTE: Pedal threads are different from left side and right side. The right side pedal has a right-hand thread (removes counterclockwise, installs clockwise). The left side pedal has a left-hand thread (removes clockwise, installs counterclockwise). Many pedals are stamped "L" and "R" for left and right. Additionally, the thread will appear to slope up toward its tightening direction. Left hand threads slope up to the left, while right hand threads slope up to the right.

INSTALLING PEDALS

1. Begin by identifying the right and left pedals. Look for "L" and "R" marking on axle or wrench flats.
- ⚠ WARNING:** Do not attempt to install a right-side pedal into the left-side crank or vice versa. Doing so could permanently damage your crank AND pedal.
2. Heavily grease threads of both pedals.
3. Thread the right-side pedal into right crank by hand, CLOCKWISE.
4. To tighten fully, use the pedal wrench or 6mm Allen wrench. Torque to 18Nm.
5. Repeat these steps for the left-side pedal, making sure to tighten by turning COUNTER-CLOCKWISE.

NOTE: Periodically check both pedals for tightness and retighten according to these instructions if necessary.

⚠ WARNING: Immediately discontinue using the pedals if excessive play develops, the pedal body or spindle shows signs of cracking, or the pedal body seems too tight or too loose on the spindle. Take your bicycle or pedals to a professional bicycle mechanic for evaluation, service, or replacement. (See Ongoing Maintenance.)

INSTALLATION OF THE 2-BOLT CLEAT

1. If there is a cover over the cleat area of the sole, remove the outer sole cleat cover from the shoe using a pair of pliers. (Fig. 1)
2. If necessary, remove the insole of the shoe and install the cleat washer from the inside of the shoe. (Fig. 2)
3. Line up the threaded bolt holes of the cleat washer over the double channels inside the sole of the shoe. (Fig. 3)
4. Place the cleat on the outside of the shoe with the cleat's rough side down for grip. Apply grease to the outside of the cleat in the channel where the bolt washer sits.
5. Insert the bolt washer so that the countersunk holes are facing up. Apply grease to the outside of the bolt washer.
6. Apply grease to the threads of the cleat bolts. Fully tighten the cleat bolts.

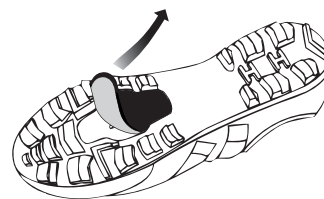


Figure 1

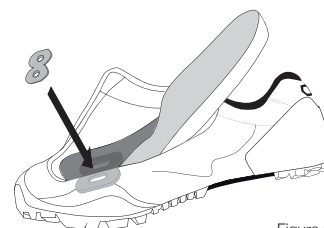


Figure 2

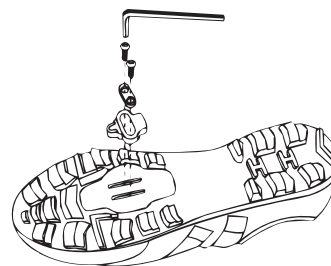


Figure 3

INSTALLATION OF THE 3-BOLT CLEAT

1. Place the cleat on the outside of the shoe with the cleat's curved side down and over the three bolt holes. (Fig. 4)
2. Insert the 3-bolt washers so that rounded sides are facing up. (The square washers have a rounded edge and a sharp edge)
3. Apply grease to the threads of the cleat bolts. Fully tighten the cleat bolts.

⚠ WARNING: Fully tighten the cleat bolts before engaging the cleat into the pedal! If the cleats are not fully tightened, the shoe will be incredibly difficult to remove and may cause damage to the shoe or cause a crash leading to serious injury or even death. Always fully tighten the cleat bolts during the initial adjustments. Do not attempt to make adjustments with a loose cleat.

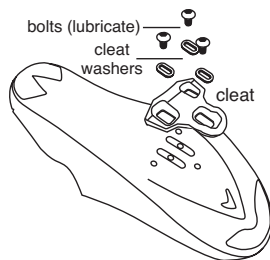


Figure 4

HOW TO CLIP IN TO THE PEDALS

ENGAGING

Press the cleat into the pedal. The cleat of the shoe sits under the ball of the foot and over the spindle of the pedal. Use this frame of reference to help guide the cleat into the pedal until it becomes intuitive. (Fig. 5)

DISENGAGING

Disengage your foot by twisting your heel to the outside, away from the bike. Plan ahead during initial rides and give yourself time to disengage your foot before coming to a complete stop. (Fig. 6)

ADJUSTING RETENTION FORCE

The tension of the spring is adjusted for each pedal (top and bottom) with the adjustment bolt in the rear. Turn the 3mm bolt in a clockwise direction to increase retention force, and in a counterclockwise direction to decrease retention force. (Fig. 7)

NOTE: On mountain-style pedals please note there are two adjustment bolts on each pedal.

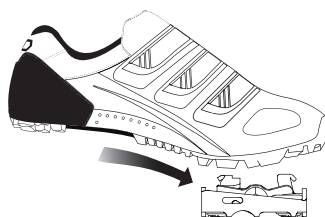


Figure 5

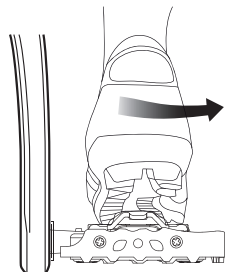


Figure 6

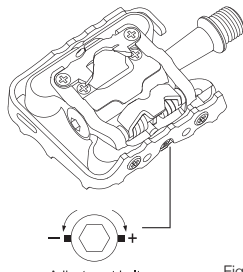


Figure 7

⚠ WARNING: Clipless pedals provide a secure attachment to your bicycle that can result in increased efficiency when riding. **LEARNING HOW TO USE CLIPLESS PEDALS CORRECTLY TAKES PRACTICE!** WE STRONGLY SUGGEST practicing how to enter and disengage from your pedals with a friend holding you and your bicycle upright or positioned in a doorway where you can lean up against a side and repeatedly practice getting in and out of the pedal. Your first rides should be in low traffic areas or on soft grass until you feel comfortable getting in and out of clipless pedals to avoid potential falls in hazardous traffic situations or injury.

⚠ WARNING: for dual-purpose pedals, never ride in open-toed or open-heeled shoes as they don't fully support and secure your foot. Doing so could lead to a loss of control and serious injury and/or death

CLIPLESS PEDAL USE

- Initially place the cleat over the ball of the foot to get started
- Practice engaging and disengaging from the pedals several times in a stationary position before riding
- Keep the cleat and pedal clean to ensure proper usage
- Adjust the retention force of the pedal to a light setting initially until you are accustomed to getting in and out of the pedal (Fig. 7)

ONGOING MAINTENANCE

To function properly, pedals and cleats must be kept clean. Occasional lubrication of cleat bolts will help prevent rust and seizure. Pedals should be serviced if: rotating pedal emits noise, rotation by hand feels rough, and/or there is play in the bearings.

LIMITED 2-YEAR WARRANTY

MSW warrants this new MSW product against defects in materials and workmanship for two (2) years from the original date of retail purchase by the consumer. This limited warranty is expressly limited to the repair or replacement of the original product, at the option of MSW, and is the sole remedy of the warranty. This limited warranty applies only to the original purchaser of the MSW product and is not transferable.

In no event shall MSW be liable for any loss, inconvenience or damage, whether direct, incidental or consequential or otherwise resulting from breach of any express or implied warranty or condition of merchantability, fitness for a particular purpose, or otherwise with respect to this product except as set forth herein. This warranty gives the consumer specific legal rights, and those rights and other rights may vary from state to state.

This warranty does not cover the following:

- Damage due to improper assembly or follow-up maintenance or lack of skill, competence or experience of the end user
- Products that have been modified, neglected, used in competition or for commercial purposes, misused or abused, involved in accidents or anything other than normal use
- Damage or deterioration to the surface finish, aesthetics or appearance of the product
- Normal wear and tear
- Labor required to remove and/or refit and re-adjust the product within the bicycle assembly
- Installation of components, parts, or accessories not originally intended use with or compatible with MSW products.

TO THE EXTENT NOT PROHIBITED BY LAW, THESE WARRANTIES ARE EXCLUSIVE AND THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS INCLUDING WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.