

YOSHIMURA CYCLING

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www.yoshimuracycling.com



**READ THIS MANUAL BEFORE
INSTALLING PEDALS.**



WARNINGS TO USERS & PARENTS / GUARDIANS

- Proper installation and use of these pedals in accordance with the manual are essential for the safety of all users.
- Parents/Guardians must ensure that the correct procedures for installation and use of this product are followed and understood by the minor.
- Misuse or failure to follow the specified installation instructions and heed warnings may result in injury or death.

WARNING

- Always wear a helmet and follow trail etiquette when riding.
- Use headlights and taillights when riding in poor visibility conditions.
- Check leg extension after pedal installation and adjust saddle height if necessary.

WARRANTY

- All Yoshimura pedals carry a one-year limited warranty against defect in workmanship and/or materials and is only provided to the original purchaser. Original receipt or invoice will be required for processing.
- Damages caused by abuse, misuse, lack of service, improper installation and/or modifications are not covered under this warranty and are specifically disclaimed.
- For more warranty information, please visit www.yoshimuracycling.com.

CHILAO - Pedal Rebuild Kit

Part #	Description	Qty
5MMLN-S	5mm Lock Nut	2
Y-400100	V-Ring Seal	2
Y-J3SM-1012-15	Bushing	2
Y-MR106ZZ	Small Bearing	2
Y-MR126ZZ	Large Bearing	2
1FP-BRG-SPCR	Bearing Spacer	2

CARE & MAINTENANCE

- Periodically inspect pedals for wear, damage, or loose components.
- Gently wipe pedals with a damp cloth. Never power wash or spray water directly into dust seal.
- The Yoshimura pedal is designed and engineered to keep moisture and debris out of the internal structure and components. Maintaining clean pedals with properly lubricated internal components will maximize the longevity of the pedals.
- Yoshimura re-build services as well as service kits are available. Contact Yoshimura Tech Department at (800) 634-9166 / in CA (909) 628-4722 or visit www.yoshimuracycling.com.

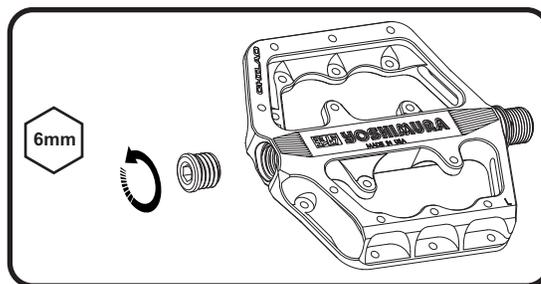
Tools Required

- Mallet
- Ratchet Wrench
- Torque Wrench
- 6mm Allen Wrench
- 8mm Allen Wrench
- 10mm Allen T-Handle
- 8mm Deep Socket
- 7/16" Tap
- Pick
- Cable Tie
- Cotton Swab
- Grease

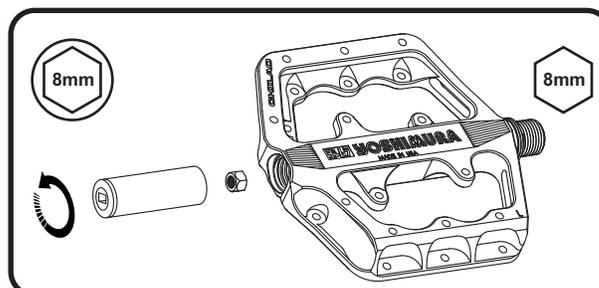


Disassembly

1. Clean pedal assembly thoroughly before disassembly.
2. Using a 6mm allen wrench, remove pedal end plug.



3. Hold spindle using a 8mm allen wrench and remove spindle nut using a 8mm deep socket.



4. Hold pedal body upright on the edge of a table with the spindle toward the bottom. Using a mallet and a 10mm allen T-Handle or 12mm punch, carefully tap spindle out of the pedal body and remove spindle. Clean spindle and inspect for excessive wear or damage.



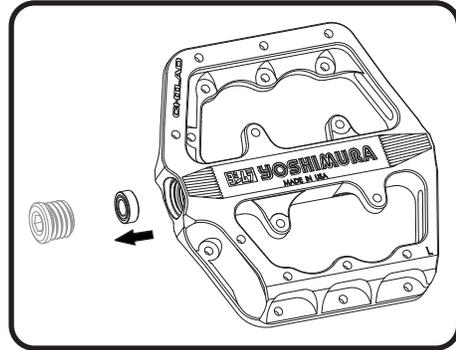
5. Using a pick, carefully remove V-Ring seal.



6. Using a pick, remove the small bearing and spacer from the side where the V-Ring seal was removed.



7. Using a pick, remove large bearing from the end plug side.



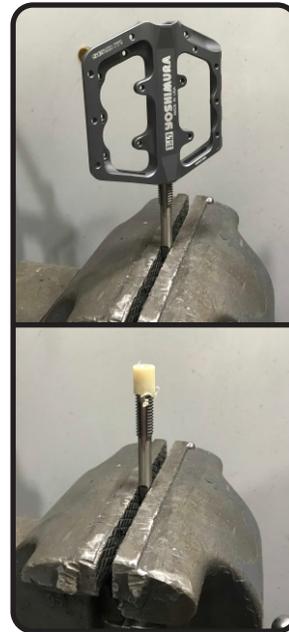
8. Secure pedal body in a vise and using a 7/16" tap, carefully tap the yellow iglide bushing approximately five turns. Make sure to tap the bushing straight.

Note¹: Take precaution when tapping bushing making sure not to go too deep to avoid tapping the pedal body.

Note²: It is recommended to use soft jaws, wood, or thick towel when placing the pedal in the vise to prevent scratches.



9. Once bushing has been tapped, remove pedal body from vise and clamp the tap onto the vise. Carefully pull the pedal body upward to remove the bushing from inside the pedal body.



10. Using a cotton swab and dish soap or a degreaser, thoroughly clean the inside of the pedal body to remove grease and debris. Make sure inside of pedal body is clean and dry before proceeding to reassembly.

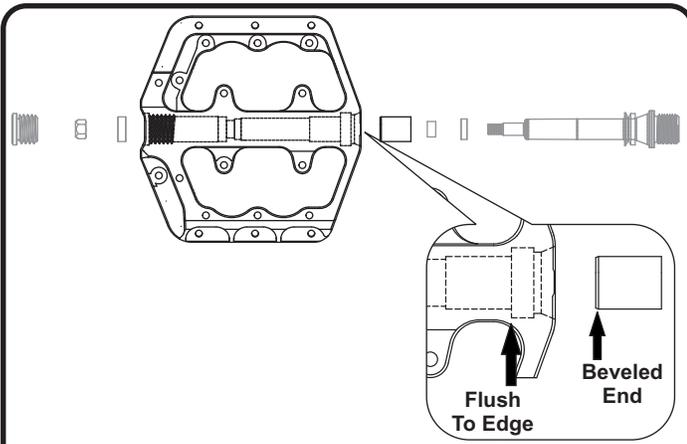
Assembly

- Grease new bushing and hand press into pedal. Be sure bushing is straight and press in using spindle.

Note¹: Insert the beveled side of the bushing into the pedal.

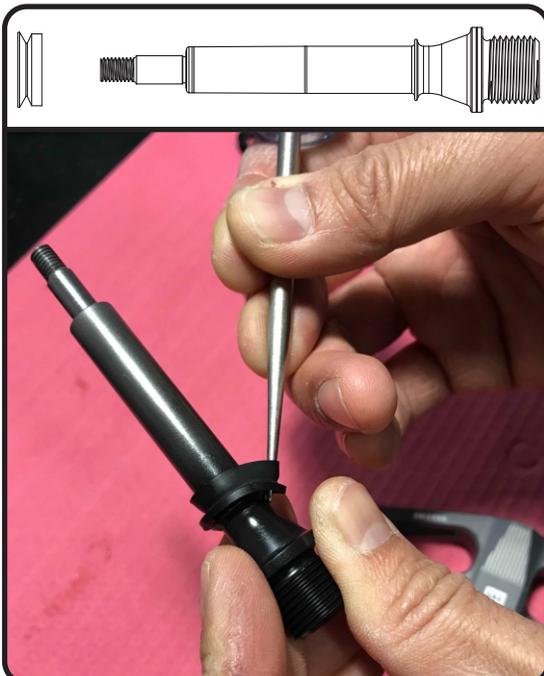
Note²: The end of the bushing will be flush when fully seated.

Note³: Do not install V-Ring seal onto spindle when pressing in the bushing.

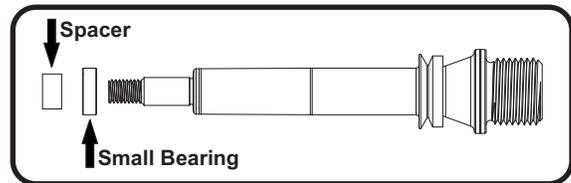


- Apply grease evenly onto new V-Ring seal and slide onto spindle and over the lip of the spindle as shown.

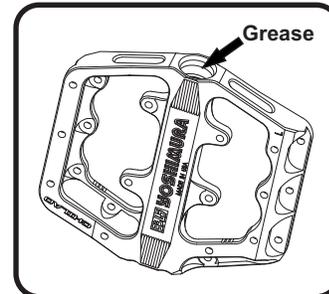
Note: The orientation of the V-Ring seal is critical to ensure proper sealing of the pedal. Make sure the square end is facing toward the crank and the taper end is facing away from the crank as shown.



- Apply grease onto small bearing and spacer and install onto spindle as shown.



- Apply grease onto pedal where the V-Ring seal will seat.



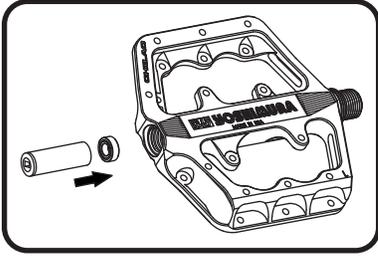
- Slightly pull back the V-Ring seal and carefully install spindle into pedal body making sure not to pinch the ends of the seal. Use the end of a cable tie and push the seal in around the perimeter to seat the V-Ring seal into pedal body.

Note¹: There should be minimal inward and outward play of the spindle to pedal body when the V-Ring seal is seated correctly.

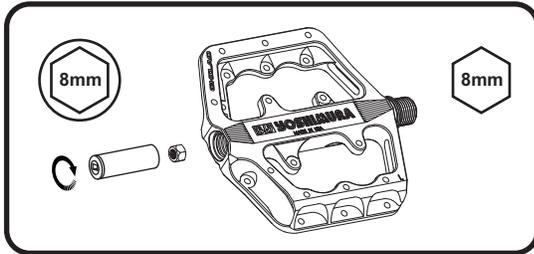
Note²: Make sure the small bearing and spacer does not slide off spindle and create misalignment in the pedal body when seating the V-Ring seal.



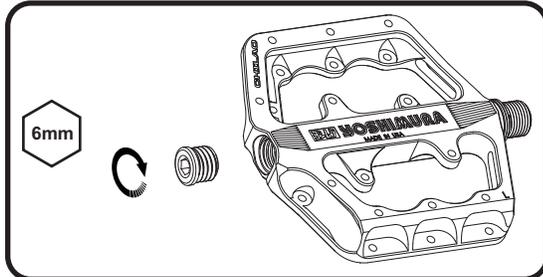
6. Insert large bearing and fully seat using 8mm deep socket.



7. Hold spindle using 8mm allen wrench and install spindle nut using 8mm deep socket and hand tight. Torque to 7 Nm.



8. Clean off excess grease on pedal body and install end plug. Torque end plug to 7 Nm.



9. While holding the spindle, spin pedal body to make sure pedal spins freely without any unusual resistance or binding.