



We recommend maintaining your DEITY Pedals at least once a year.

**TOOLS REQUIRED:** To open up your pedals, you will need a thin-wall deep-set 8mm socket to remove the nut on the end of the spindle. We make and offer a socket to service our pedals but you may find one in your tool collection or at a local shop. If you do not have one available...please contact us and we can get you dialed in. In addition to the socket, you will also need a 5mm allen wrench, 8mm allen wrench, a pencil, and some high quality grease.

If you have purchased a DEITY REBUILD KIT, please prepare these parts for the service process.

- 1 Start by removing the black endcap and then the interior bearing preload cap.
- 2 Use your thin-wall 8mm socket to remove the spindle nut. **CRITICAL NOTE:** the RIGHT driveside pedal spindle nut is reverse threaded! Failure to remove this right nut in the correct direction will cause damage. The LEFT pedal spindle nut is standard threaded.
- 3 At this point you'll be able to slide the spindle out of the body along with the washer and the black plastic lip seal.
- 4 Slide the 3 bearings out of the outer side of the body by using the eraser side of pencil.
- 5 Thoroughly remove all old grease and debris from the bearings and the inside of the pedal body and spindle. Inspect the bearings and spindle. If bearings are damaged, they must be replaced.
- 6 Reinstall the plastic lip seal onto the body (there is a lip for it to set into the pedal body), apply some grease onto the bearings, slide the bearings into the pedal and press fully until they seat with the eraser side of the pencil... (PLEASE NOTE- do not force the bearings). Slide the washer onto the spindle.
- 7 Apply liberal amount of high quality grease onto the spindle.
- 8 Insert spindle into body and install nut onto the spindle with the 8mm socket and hand tighten to contact (remember that the RIGHT driveside pedal spindle nut is reverse threaded). It is normal for excess grease to push out. Just wipe clean when finished with assembly.
- 9 Install the interior preload cap to contact only. This will remove any play in the pedal/spindle interface. Lastly, install the black outer cap and torque to 5Nm.

If you do not have time to go through this process or have encountered any issues...we also offer an in-house DEITY PEDAL REFRESH PROGRAM for \$40 which includes new bearings, spindles, nuts, and our professional inspection and assembly (for the pair of pedals). Please contact us at: [TECH@DEITYCOMPONENTS.COM](mailto:TECH@DEITYCOMPONENTS.COM) or at 208.466.2221