

NUKEPROOF FLAT PEDAL INTERNAL SERVICE GUIDE

For this guide we have used the Horizon Pro Sam Hill Enduro Pedal but all Nukeproof flat pedals follow the same procedure.

TOOLS REQUIRED

- 8mm Hex Key
- 6mm Key Key
- 1.5mm or 2mm Hex Key
- Small Flat Head Screwdriver
- Nukeproof Pedal Nut Socket*
- Nukeproof Bushing Removal Tool*
- Spanner or handle for socket
- Grease
- Pedal Rebuild Kit*
- Paper Towel

*available from all Nukeproof dealers



INTERNAL STRIP:



1. Using your 6mm hex key, remove the end cap from the pedal.



2. Insert your 8mm into the pedal axle and use the nut socket remover to remove the nut from the axle.
Tip – Leave the nut inside the socket so it is the correct way around for reinstallation.



3. Remove the axle from the pedal, remove the seal from the pedal and clean parts with paper towel.



4. Using your 1.5mm or 2mm hex key, remove the bearings from the pedal by hooking with the L shape of the hex key.



5. Visually locate the bushing in the pedal body, it will be visible from the inner side of the pedal body.



6. Use the tap from the Nukeproof Bushing Removal tool kit to insert into the bushing and turn. The first couple of turns will be tough then you will feel the bushing start to spin in the pedal body. At this stage pull the tap out of the pedal and the bushing will come with it.



7. The bushing has a split design so you can use your flat head screwdriver to prize it open and remove it from the tap.



8. Clean the inside of the pedal body with paper towel. This can be pushed through the body with a hex key or an old spoke.



9. The pedal has now been stripped. Discard any old parts so they do not get mixed with new parts.

INTERNAL REBUILD:



10. Get the bushing install tool, put the bushing on the end of the tool and push it into the pedal body. A firm press is required to ensure it is fully inserted.



11. Take your axle, install the new seal, apply grease and insert into pedal body.



12. Insert the bearings into the pedal body and over the axle.



13. Push bearings into place using the pedal nut socket and then retighten nut.



14. Refit pedal end cap – tighten and ensure that there is no play in the pedal axle.



15. Your pedal is now rebuilt and ready to re-fit to your bike.

Exploded diagrams are available from Nukeproof.com
Spare parts are all available via a Nukeproof dealer.