

Birchmeier Backpacks Remove & Replace Pump Shaft

- First empty back pack and relieve pressure on system
- Remove hose from pump assembly
- Loosen the wing nut connecting the pump to the tank. Be careful not to lose the gasket inside. Gasket may need to be replaced if crushed or torn. (order Birchmeier Gasket Set #10855901)
- Gently pull up on the pump assembly and lay it down. Remove cotter key and pin connecting the pump pump assembly to the pump shaft. Move out of the way.
- Remove the black plastic piece. There are two screws with nuts holding it. Remove and place out of the way
- Grab the pump shaft where it's bent and turn it till the tab is out of the slot. You should be able to pull the shaft towards you. You may have to twist back and forth till it is free of the base on the one side. Save the plastic bearing you; will need that for the new one. Next slide the other end out through the bottom of the base.
- Slide new pump shaft with bearing into place
- Slide the old bearing back into place and slide the pump shaft into the bearing until the tab is in the slot
- Reattach the black plastic piece making sure the tab from the pump shaft is through it. Tighten bolts.
- Reattach the pump assembly making sure the wing nut is facing the tank. Replace cotter pin
- Replace gasket in the bass tank nipple and screw on wing nut. You need to make sure they line up before doing this or it will not go together.
- Reattach hose and you should be good to go, after you screw in the new pump lever.

Interim Solution:

In the mean time until you get the parts you can slide a piece of pipe over the pump shaft and pump it up so you can still use it. It is not the most professional looking, but you can get by until your parts arrive.



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