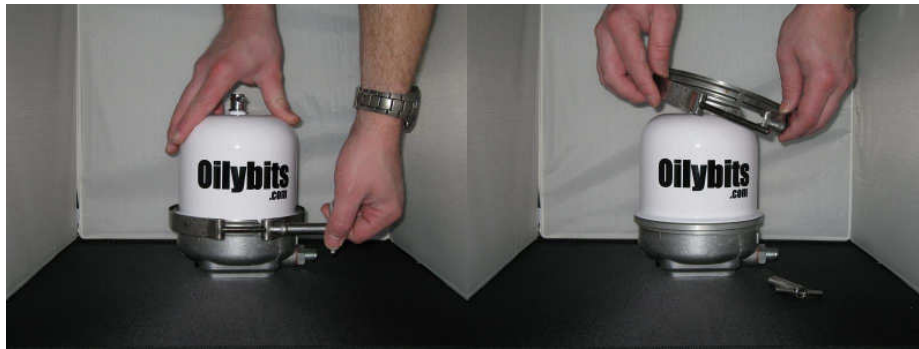
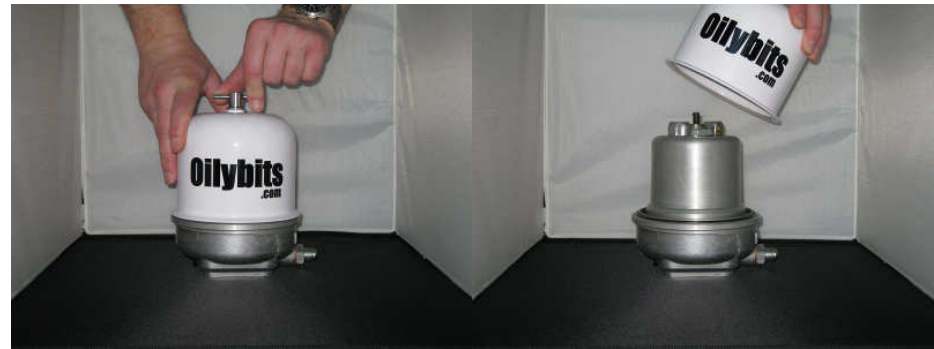


# Oilybits OB-050-INVERT Service Instructions



Loosen Clamp Wing Nut  
(If present on your centrifuge)

Remove Clamp  
(If present on your Centrifuge)



**Disassembly**  
Loosen Cover Nut

Remove Cover



Block Jets with Fingers and lift  
from Rotor Shaft

Release Jets and let oil drain



Remove Rotor Nut with 32mm  
Socket

Loosen Rotor Nut by 3 threads  
(Do not fully remove)

# Oilybits OB-050-INVERT Service Instructions



Tap Rotor Nut with Wooden Baton to separate Rotor parts



Remove Rotor Nut Completely



Separate Rotor Cover and Base



Remove Deflector Assembly



Remove Dirt with a blunt blade



Remove Rotor O'Ring, clean & check condition



**Reassembly**  
Fit Rotor O'Ring



Insert Deflector Assembly

# Oilybits OB-050-INVERT Service Instructions



Fit Paper Insert  
(Optional)



Fit Rotor Cover



Line up Arrows on Rotor Cover  
and Base



Fit Rotor Nut



Hold Rotor in Hand and tighten  
Rotor Nut with Spanner



Slide Rotor onto Rotor Shaft



Spin Rotor with fingers to check  
for free rotation



Fit Rotor Cover, Tighten Top Nut  
\*Re Fit Clamp if present

# Oilybits OB-050-INVERT Trouble Shooting

Problem	Probable cause	Action
Leakage at base of cleaner	Rectangular base gasket damaged / shrunk	Change gasket
	Bolts have loosened	Tighten bolts
Rotor does not rotate	Nozzles blocked	Open rotor and clean nozzles thoroughly
	Entry Valve Piston jammed	Entry Valve comprises 4 components, Centering Nut & Sealing Washer, Spring, and Piston. Remove in that order, piston is pushed out from centrifuge inlet side. Clean with airline, reassemble carefully
Rotor rotates but at low speed	Leakage of oil through rotor assembly	Open rotor and ensure that the rubber ring has a proper seat on rotor body and that the top cap retaining nut is tight
	Oil level in centrifuge too high	Ensure outlet hose is vertical so oil drains freely
	Bushes damaged	Purchase replacement rotor assembly
	Rotor filled with dirt	Clean rotor out
Abnormal vibrations of centrifuge cleaner	Mismatch between arrow marks on rotor cover and rotor (if present)	Open rotor and reassemble it properly
	Rotor cap not correctly seated or top nut loose	Open rotor and reassemble it properly
Cleaner does not collect any dirt	Rotor not rotating at desired speed.	See points above. Check oil pressure and for blocks in filters upstream of oil pump