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#### Oil changing procedure for customers

Temperature is critical; you will need a room that is between 70-75 degrees F

You will need metric wrenches, Motul 20w Expert fork oil, a squeeze bottle to force the oil into the stabilizer, anti-seize

- 1) Remove the stabilizer from the quad and separate the stabilizer from the mounting plate
- 2) Clean the stabilizer
- 3) Back up the adjuster screw until they hit their stops
- 4) Remove the 2 flathead screws from the bottom of the stabilizer and the o-rings that they seal on, if you have trouble removing the screws carefully tap on the back of the screw head with a punch.
- 5) Remove the old oil from the stabilizer by turning the cover side down and rotating the lever from side to side. This will force the oil out of the 2 screw holes
- 6) Put the stabilizer's bottom cover pointing up; rotate the lever all the way to one side.
- 7) Use the squeeze bottle to force the oil into the 2 screw hole one at a time; you may want to put the o-rings back into the counter bores for a better seal. You can also use the squeeze bottle to draw air out of the stabilizer as well.
- 8) Slowly rotate the lever all the way to the other side, move very slowly so you do not draw air into the stabilizer.
- 9) Repeat steps 7 and 8 as many times as needed to remove all the air.
- 10) Once you have filled the unit and removed all the air re-install the o-rings and fill screws into the bottom cover using anti-seize on the angle of the flathead screws

Checking the oil level and bleeding the excess oil from the unit

- 11) In a room at 70-75 degrees F and the stabilizer at that temperature as well; turn the 2 adjuster screws full clockwise and wait 5 seconds or more. Back one

adjuster out 2 full turns, wait another 5 seconds, now slowly turn that same adjuster clockwise until you feel resistance from pressure building in the unit, this should happen between  $\frac{1}{4}$  - 1 full turn from hitting bottom.

- 12) If you never feel any pressure build you will need to add more oil, return to the filling procedure. If there is more than one full turn of pressure before bottoming then you will need to let some oil out of the unit. To do this leave the adjuster at the point where pressure is first felt, crack open one fill screw with the bottom cover pointing up. Turn the adjuster screw clockwise to push a drop of oil out of the screw hole.
- 13) Re-tighten the fill screw and re-check the pressure.