



ROUTINE OIL CHANGE PROCEDURE


DATE: _____ SERIAL NUMBER: _____ TECH: _____

Note: At the time of this publication, the Rotax Installation & Maintenance Manuals recommend the first oil change at 25 hours and every 100 hours thereafter - unless using AvGas/100LL, then every 50 hours.


Note: The instruments, equipment and/or configuration in this procedure may differ from that of your aircraft. Consult the Rotax Installation or Maintenance Manual or call Wild Sky for help.


| <u>Done</u> | <u>Step</u> | <u>Instruction</u> | <u>Image</u> |
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| | 1 | Turn Master "ON" <i>Refer to the Rotax 912 Oil Change Manual.</i> |  |
| | 2 | Verify Engine and Oil Temperature is Warm. Note: Gauge temp in photo is misleading. Disregard. Note: Rotax recommends a warm engine prior to changing oil. Not cold. Not hot. Caution: Hot oil can cause severe burns to skin. |  |

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| | 3 | Turn Master "OFF". |  A close-up photograph of the engine control panel. The panel is dark green and features several controls. At the top left, there is a 'MAG' switch with a '2' above it and an 'OFF' label below it. To its right is a 'START' button. Further right is the 'MASTER' switch, which is currently in the 'ON' position and is being turned to the 'OFF' position by a hand. Below the 'MAG' switch are two smaller buttons, each with a '2' on it. To the right of the 'MASTER' switch is a tachometer with 'GLOW PLUG' and 'TACHOMETER' labels. The overall scene is brightly lit, likely from a workshop. |
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| | 4 | Attach a Bleed Line to the Bottom Quick Drain of the Oil Reservoir. |  A close-up photograph showing a hand attaching a black bleed line to the bottom quick drain of the oil reservoir. The oil reservoir is a silver metal canister. The bleed line is a black plastic tube with a brass fitting. The hand is holding the bleed line and is in the process of connecting it to the quick drain. The background shows a green surface, likely part of the engine or a workbench. |
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| | 5 | Place suitable receptacle under Oil Reservoir Bleed Line. |  A close-up photograph showing a hand placing a red bucket under the oil reservoir bleed line. The bleed line is a black plastic tube that is being held by a hand. The red bucket is positioned directly below the bleed line to catch any oil that may leak out. The background shows a green surface, likely part of the engine or a workbench. |
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| | 6 | Remove all Spark Plug Boots from the Spark Plugs. Be sure to Label where each corresponding Wire goes for proper re-assembling. |  |
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| | 7 | Lift up on the Oil Reservoir quick drain to release Oil into your receptacle. |  |
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| | 8 | Turn Propeller in Normal Direction to Purge Oil from System. |  |
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| | <p>9 Check Oil Level on Dipstick after Purge.</p> |  A close-up photograph showing a person's hand holding a blue paper towel. The towel is being used to wipe a metal dipstick. The dipstick has a yellow mark on it, indicating the oil level. The background is a blurred outdoor setting. |
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| | <p>10 The entire system is approximately 3 Liters or 3 Quarts but note that a liter is 34oz and a Quart is only 32oz.</p> <p>Review Rotax 912 Oil Installation Manual for recommended Oil Brands.</p> |  A photograph of a black plastic bottle of AeroShell Oil Sport Plus 4 aviation oil. The label is orange and yellow, featuring the Shell logo and the text "AeroShell OIL SPORT PLUS 4 AVIATION OIL FOR LIGHT SPORT 4 STROKE ENGINES". The bottle is shown against a white background. |
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| | <p>11 Fill the Oil Reservoir up to the maximum level (To the top of the flat portion of the Dipstick). Use of a flexible funnel to fill Reservoir is highly suggested.</p> |  A photograph showing a person's hand pouring oil from a black plastic bottle into an engine's oil reservoir. The bottle is labeled "AeroShell Oil Sport Plus 4". The engine is a four-stroke engine, and the oil reservoir is visible. The background is a blurred outdoor setting. |
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| | 12 | Check the Oil level on the Dipstick. |  |
| | 13 | Additional oil may be added to the Oil Reservoir. Use of a flexible funnel to fill Reservoir is highly suggested. See Rotax Manual for approximate capacities |  |
| | 14 | Re-Check the Dipstick that the Oil Level is up to the full mark at the top of the Dipstick. Re-Install the Oil Reservoir Cap on the top of the reservoir. Caution: Failing to reinstall the Oil Reservoir Cap will result in damage & injury. |  |

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| | <p>15 Remove & inspect the Magnetic Plug.</p> <p>Clean the Magnetic Plug.</p> <p>Reinstall the Magnetic Plug at correct torque and fasten with Safety Wire.</p> <p>*Torque: 25NM or 18ft/lbs.</p> <p>*Always consult the current Rotax specifications.</p> | <p>Need photo here.</p> |
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| | <p>16 Re-Attach Spark Plug Wires to Corresponding Cylinders.</p> |  |
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Again, remember to install the Oil Reservoir Cap.

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| <p><u>Date:</u></p> | <p><u>Owner/Technician:</u></p> |
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