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## Engine Rotax 582

**engine type 582 | 65 hp (ul) - rotax aircraft engines** - over 30.000 units of this popular rotax 2-stroke engine have been sold. this engine type is well regarded for its easy maintenance and robust-ness. version performance torque max rpm kw ft. lb. 1/min nm ft. lb. 1/min 582 mod. 99 48 65 6500 75 55.3 6000 6800 weight kg lb engine 29.1 64.0 2 carburetors 1.8 4.0 exhaust system 5.1 11.2 **maintenance manual - rotax-owner** - rotax 582 ul dcdi mod. 99 / mod. 17 type certification ignition model designation description type 582 two stroke engine, 2 cylinder in line with rotary valve inlet. certification ul approved to astm f2339. ignition dcdi dual capacitor discharge ignition model mod. 99 / mod. 17 model year effectivity: 582 ul edition 1/rev. 0 00-00 ... **engine type 582 | 65 hp (ul) - flyrotax** - brp-rotax gmbh & co kg reserves the right at anytime to discontinue or change specifications, prices, designs, features, models or equipment without incurring obligation. engine performance may vary depending on, among other things, general conditions, ambient temperature and altitude. engine type 582 | 65 hp (ul) aircraft engines **single egt gauge for rotax engines 582. diameter 57mm. °c** - temperature in rotax® engines 582. the im-754 is available in 57 mm size. with a optional switch, you can measure the temperature of two egt. thanks to embedded operational amplifiers, this instrument has a high accuracy, but needs a power supply of 12v or 24v. attention : the im-754 has not undergone any safety or durability examination to **operator's manual 447, 503, 582 - m.cps-parts** - page 3 - 1 sept. 01/2010 effectivity: 447 scdi, 503 dcdi, 582 dcdi om edition 2 / rev. 0 d04497 brp-powertrain 3) introduction congratulations on your decision to use a rotax aircraft engine. **aircraft engines service instruction - rotax** - aircraft engines service instruction rotary valve shaft seal leakage at rotax ® engine type 462 ul / 532 ul / 582 ul and 618 ul si-03-1996 1) repeating symbols please, pay attention to the following symbols throughout the service instruction emphasizing particular information. **installation manual 447, 503, 582 - m.cps-parts** - installation manual aircraft engines page 1 - 2 initial issue, may 01/99 effectivity: 447 ul scdi, 503 ul dcdi, 582 ul dcdi /mod. 99 d00287 0) preface congratulation on your decision to use a rotax ® aircraft engine. before starting with the engine installation, read this installation manual carefully. the manual **operators manual - rotax-docscurece** - for rotax® engine type 582 ul series rotax® 582 ul dcdi mod. 99 with options rotax® 582 ul dcdi mod. 17 with options picture: rotax® 582 ul dcdi mod. 99 with options. before starting the engine, read the operators manual, as it contains important safety relevant information. failure to do so may result in per- **for engine type 462 - 532 - 582 ul - reaa** - - 6 - of 170 10-1994 rm. 462-532-582 ul 1) introduction: this repair manual covers the rotax 2-cycle-, 2-cylinder-, water-cooled ultralight aircraft engines, type 462, 532 and 582 ul. **service instruction running modifications of the bing ...** - running modifications of the bing constant depression carburetor for rotax ® engine type 912 and 914 (series) and 582 ul mod. 99/mod. 17 (series). 1.5) compliance none - for information only. 1.6) approval the technical content of this document is approved under the authority of doa ref. easa.21j.048. 1.7) labor time and credit estimated labor ... **h g f a vibration on rotax 582 engines** - the recent article on failures of the oil injection reservoir bracket on rotax 582 engines has highlighted the need for owners to attempt to minimise undue vibration on their aircraft. regardless of the results of this investigation, there is little doubt that any undue vibration will be a significant factor in any such failure. h g f a **rotax engine price list - heavenboundaviation** - engine recoil b gearbox c gearbox e gearbox pto elec start gpl elec start 582 ul 5534.00 991.15 1573.85 2246.79 876.96 557.00 912 ul 2, 80hp 912 uls 2, 100hp 912 is, 100hp 914 ul 2, 115hp 16,710.00 19,437.30 25,225.00 31,679.00 \* rotax 582 ul includes carbs and exhaust, but does not include a radiator **effectivity: 447 ul scdi, 503 ul dcdi, 582 ul dcdi /mod. 99** - effectivity: 447 ul scdi, 503 ul dcdi, 582 ul dcdi /mod. 99 maintenance manual aircraft engines page 5 - 1 initial issue, may 01/99 d00371 5) introduction thank you for using a rotax ® aircraft engine. before carrying out maintenance work on the engine, carefully read the maintenance manual. it provides you basic information on safe operation ... **illustrated parts catalog 447, 503, 582 - rotax parts and ...** - ul-aircraft-engines rotax ® 447 ul, 503 ul, 582 ul mod. 90, mod. 99 and 618 ul. besides the engine-specific parts, the most popular accessories are listed too. 2.2 repeating symbols this catalog uses the following symbols to emphasize particular information. these indications are important and must be respected. **the rotax decision - wordpress** - cooled rotax 503 d/c carries approximately the same installation weight as the rotax 582-618 due to the lighter block weights of the liquid cooled engine. of course the need for a radiator system consumes these savings. in the case of the rotax 912 the weight of 123 lbs. include the standard electric start and built-in gear box. **ultralight flying! magazine part #39 timing the ducati ...** - ultralight flying! magazine part #39 timing the ducati ignition by mike stratman yes!, that's right!, just when you thought it was safe to put your timing tools away, here comes the new style ducati ignition. due to some recent changes to the ignition systems on rotax 447, 503, 582, and 618 motors **by mike stratman - rotax parts and lightsport supplies ...** - see part # 57 i rotax storage and water damage! for more on how to proper lube and store an engine. consider a two cycle engine will always stop with one piston near top dead center and the other at bottom. on a 447 or 503 this is not a big issue. on the rotax 532 or 582 engines this puts the conrod crank bearing right next to the open rv port. **ethanol in rotax engines - avgas** - ethanol in rotax engines fuel for rotax aircraft engines different fuel types are available. see operators manual of the relevant engine type and/or the table in

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chapter 5.3. automotive fuels in addition to avgas various automotive fuel types with different quality are available. due to various environmental, economic and political reasons a number **by mike stratman - rotax parts and light sport supplies ...** - sources of deposits. see part #19 taking control of what your engine burns" for more on this rather complex subject. some people have tried various products to clean the motor by spraying a snake oil solution into the carbs while the engine is running. all kinds of strange results have been reported. **rotax service interval guide - light aircraft association** - to have a go at maintaining their own engine, a handy guide can be found on the downloads page our website at conairsports. please bear in mind that anyone working on aircraft we do find that some rotax owners find the documentation difficult to interpret and occasionally miss things - agreed it can be difficult **how & why of tuning bing carburetors - rotax engines parts ...** - example: if a rotax® 503 single carb engine set up for sea level is shipped to colorado ... 532/582 dual carb no 165 55 2.72 11g2 3 1 532/582 dual carb yes 145 55 2.68 15k2 3 1 main jets part no. 120 268 977 125 268 978 ... **how & why of tuning bing carburetors illustrated parts catalog - challenger** - for rotax® engine type 582 ul series rotax® 582 ul dcdi mod. 99 with options rotax® 582 ul dcdi mod. 17 with options picture: rotax® 582 ul dcdi mod. 99 with options illustrated parts catalog. these technical data and the information embodied therein are the property of brp- rotax **tachometer for rotax engines - aviasport** - measure the rpm in rotax® engines 447/503/582. the im-104 is available in 57 mm size. the im-104 no need external power supply. the minimum instrumentation requirements for brp\_rotax® two stroke engines include a gauge for continuous rpm monitorization. attention : the im-105 has not undergone any safety or durability examination to civil ... **1) inhaltverzeichnis - rotax engines, rotax 377, 447, 503 ...** - page 1 - 4 d00286 may 01/99 effectivity: 447 scdi, 503 dcdi, 582 dcdi aircraft engines om initial issue rotax 447 ul scdi rotax 503 ul dcdi rotax 582 ul dcdi rotax 582 ul dcdi model 99 **independent service centre part - rotax parts and ...** - engine applications over the last five years. oil injection was first introduced on the rotax 582 in 1989, so it is not something new or untested. figure #1 - the oil injection pump must be linked to the throttle opening to regulate the oil flow versus the engine's rpm. what is oil injection and why is it standard equip- **service letter - rotax aircraft** - must first obtain the approval from a rotax distributor/dealer, and then pre-pay the shipping. any engine returned pursuant to this section 4.3 must be described on the bill of lading as "internal combustion engine", with the engine serial number and the engine type identified. brp-rotax will then reimburse the owner the actual surface freight **2-stroke rotax maintenance schedule** - 2-stroke rotax ® maintenance schedule cylinder head temperature (reading at spark plug seat): cht 447 ul scdi 503 ul dcdi 582 ul dcdi/mod. 99 dimension °c °f °c °f °c °f max. 260 500 250 480 150 300 **repair manual - rotax** - purpose this repair manual is based on information and the state-of-knowledge of brp-powertrain of the product current at the date of issue. documentation for additional information on engines, maintenance or parts, you can also contact your nearest authorized rotax®-engine distributor. rotax distributors rotax® authorized distributors for ... **a radiator for the rotax 582 btu capacity as a low ...** - a radiator for the rotax 582 by rick girard within an hour i found a likely candidate. in 1982 if you're building a rotax 582 powered airplane with a plugs up, tractor engine layout there's a solution to cooling the engine ready made right from the austrian factory. just hand your friendly local rotax parts man about \$800 and you're set. **operators manual 2 stroke - angeles city flying club** - page 3 - 1 jan. 01/2007 effectivity: 447 scdi, 503 dcdi, 582 dcdi om edition 1 / rev. 0 d04087 brp-rotax 3) introduction congratulations on your decision to use a rotax aircraft engine. **illustrated parts catalog - rotax-owner** - for rotax® engine types 2 stroke rotax® 582 ul dcdi mod. 99 with options rotax® 582 ul dcdi mod. 17 with options picture: rotax® 582 ul dcdi mod. 99 with options illustrated parts catalog. these technical data and the information embodied therein are the property of brp- rotax **sport x2 582 v3.2 maintman - north wing design** - north&wing&s,lsa&maintenance&manual& model:&sport&x2&582& issue 3.2 printed: july 16 2017 page 8 maintenance. in this situation a north wing-approved repair station should be contacted for the correct procedures and or servicing. all maintenance and repairs must be logged in the appropriate airframe, engine, propeller, or **stratmaster smart single - mgl avionics** - engine. the rotax 582 engine has a 650 degree c limit. note that it is possible to use the two egt channels for much lower temperatures as well, such as found with cylinder head temperature probes. this way it is possible to use the instrument to measure four channels of cht for example. **check the relevant hardware pertaining to your specific order.** - ( ) rotax 503 dcdi ( ) rotax 582 dcdi ( ) 1 973 198 rotax side mount muffler (447 & 503) ... install exhaust manifold, muffler and muffler bracket per rotax engine manual as shown on page 47. do not torque 8mm bolts that attach muffler bracket to engine, but just tighten them **north wing s-lsa pilot operating handbook model: sport x2 582** - north wing s-lsa pilot operating handbook model: sport x2 582 issue 2.1 printed: february 12, 2010 page 2 preface the documents listed below are required for a complete s-lsa package for the north wing apache 582 s-lsa. this document is the north wing s-lsasport x2 582 pilot's operating manual for types navajo and apache. **xt-582 outback - airsportster** - the cruze wing turns the xt-582 outback into a cross country aircraft making it a perfect outback tourer with a broader landing options. powered by the rotax 582-dcdi 65hp engine and with optional dual rear disc brakes the xt-582 outback has more than enough power for normal and towing flight with exceptional stopping power. **warp drive - avsport of lock haven** - \*all versions of the rotax 912 four stroke engines(912ul, 912ul-s, 912s, 914) require the use of the 13mm drive lugs that are pressed into the engine flange on the 101.6mm bolt pattern. it is not acceptable

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to use the 75mm bolt pattern to mount the warp drive propeller on rotax 912 engines. the engine side of a **rotax 582 ul dcdi (40/48 kw) - kolbaircraft** - 582 ul dcdi (48 kw) 582 ul dcdi (40 kw) m ax. 6800 (48 kw) \_\_ m ax. 6400 (40 kw) \_\_ 04523 motordrehmoment/ engine torque motordrehzahl / engine speed [rpm] motordrehmoment / engine torque [nm] motordrehmoment / engine torque [ft.] rotax 582 ul dcdi (40/48 kw) 05096 treibstoffverbrauch / fuel consumption motordrehzahl / engine speed [rpm] ... **atec 212 solo - atecaircraft** - atec 212 solo is an ultralight single-seater cantilever low-wing aircraft of an all carbon composite construction. it is equipped with a tail landing gear with the steerable tail wheel. the power plant is a pull arrangement and consists of a rotax 582 ul dcdi 2v 65 hp engine and a two-blade or three-blade ground adjustable propeller fiti. 1.4. **challenger ii 582 premium package** - challenger ii 582 premium power pack the challenger ii 582 premium power pack is centered on the rotax 582 ul dcdi mod 99 engine and includes everything you need to produce thrust. this engine, the well-proven second generation "blue head" version, has numerous internal improvements to enhance reliability, the benefit **instruction and maintenance handbook a.r.v. tanarg 582** - instruction and maintenance handbook a.r.v. tanarg 582 edition :june 2005 page : 1 air creation a rodrome de lanas ... use of the engine vi) maintenance of the engine ... engine rotax 582 maximum power 48 kw maximum rpm 6 800 rpm reduction drive mechanical **torque specifications rotax/powerfin propellers** - torque specifications rotax/powerfin propellers item bolt/nut size nm inch lbs crankcase screws, 532/582/618 8mm 24 210 crankcase screws, 277/377/447/503 8mm 22 195 crankcase or screws 6mm 10 90 crankcase nuts (or screws) 10mm 38 335 crankcase studs, 532/582/618 10mm 12 105 crankcase studs, 277/377/447/503 10mm 10 90 cylinder hex **rotax 503 ignition wiring diagram - wordpress** - points ignition there. points ignition wiring diagram rotax rotary valve engine rotax 277 engine rotax 582 engine mounts ultralight motor glider aircraft twin rotax 503 engine. (type 503). compression (type 577) ratio (type '505). ignition unit. contact breaker  gag reserve the right to make modifications in the rotax design. **service and repair manual - advanced aviation** - service and repair manual applies to sinus 503, sinus 582 in sinus 912 equipped with rotax 503, rotax 582 and rotax 912 engines (all tw and nw versions) and virus 912 equipped with rotax 912 engine (all tw in nw versions) hint online readers press f5 to see table of contents, if it is not already displayed on the left-hand side of the screen. **a study of interceptor synthetic 2-stroke oil for ski-doo** ... - a study of interceptor  synthetic 2-stroke oil for ... lubricate and protect vital engine parts. the rotax e-tec 800r, for example, is a liquid-cooled, dfi two-stroke engine capable of 7,900 rpm and 163.9 hp. it incorporates electronic equipment that can adjust the amount of oil the engine

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