

## Quick reference page

### Torque specs

#### ENGINE 447/503

<u>Bolt type</u>	<u>Bolt Size</u>	<u>in lbs.</u>	<u>ft lbs.</u>	<u>Loctite</u>
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#### MOTOR MOUNT HARDWARE

Crank case base nuts		335	28	242
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All other bolts on MM hardware have no specific torque setting. Do not over tighten.  
1/16" compression MAXIMUM on the root tube for angle mount bolts - AN5-52A

#### REDUCTION DRIVE

Prop Shaft drive nut	1"		250	none
Prop hub mounting bolts	5/16"	180	18	271
Prop mounting bolts	5/16"	180	18	none
Bottom pulley	1/2"	530	44	271
Re-drive mount bolts	8mm (Rotax)	180	18	271
Re-drive mount bolts	10mm (Hirth)	240	28	271

#### STARTER MOTOR HARWARE

Flat head, countersunk- socket cap screws	M8 x 1.25 x 80mm	156	15	271
Hex head bolts	2" x 3/8 x 16 grade 8	156	26	271

FOR ALL ENGINE SPECS, REFER TO ROTAX MANUAL SUPPLIED WITH ENGINE KIT.

FOR ROTAX ENGINE WARRANTY ISSUES, PLEASE CONTACT YOUR DESIGNATED WARRANTY CENTER. (REFER TO PAPER WORK SUPPLIED)

FOR ROTAX NON WARRANTY ISSUES, PLEASE CONTACT:

CALIFORNIA POWER SYSTEMS - 1 800 AIRWOLF  
OR  
LOCKWOOD AVIATION - 1 800 LA ROTAX