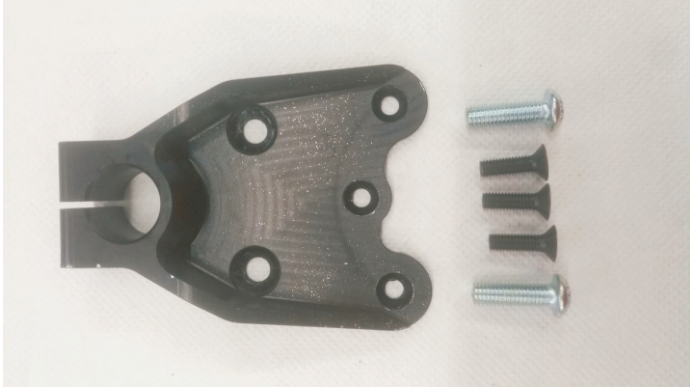


Instruction sheet

for the change of the drive wheel bracket
on engines EOS 150

according to the released Service Bulletin #1119_2_m



old type bracket and screws
to be removed and replaced

**No longer operate the engine
with such a type bracket installed!**

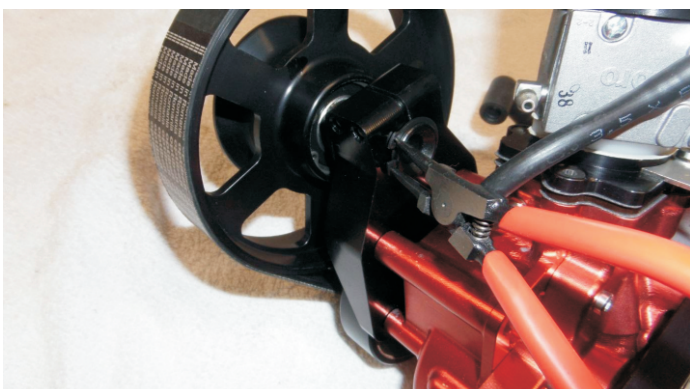


new type bracket and new screws
to be installed

Procedure of replacement work on the EOS 150 engine as shown in the following;



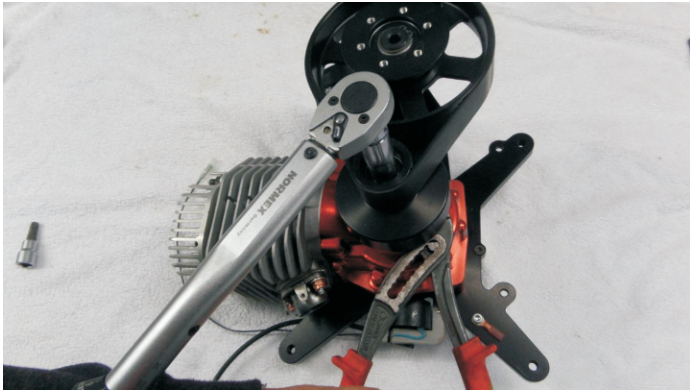
this picture shows the necessary tools
needed



STEP 1
remove lock ring



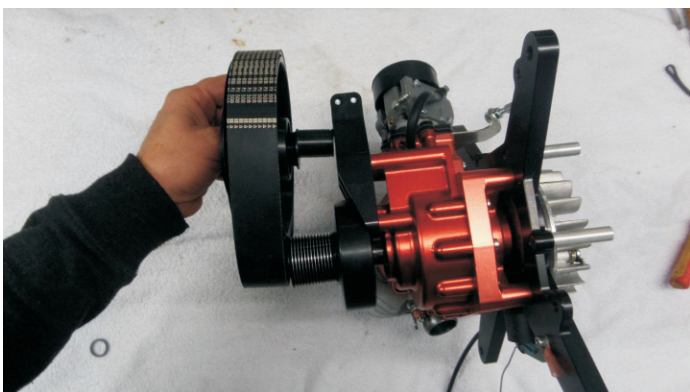
STEP 2
open and remove bolts holding the drive shaft.
These bolts to be used again on the new part!



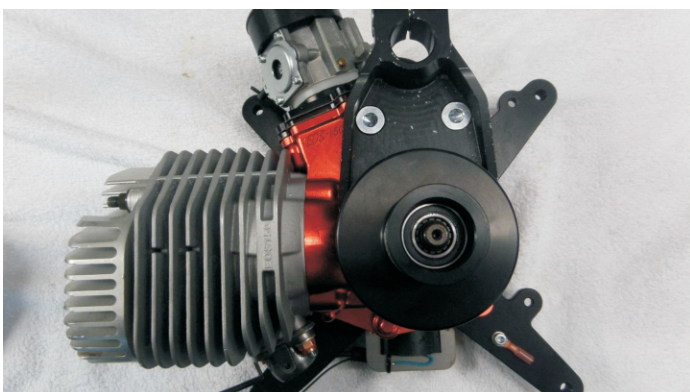
STEP 3
block the drive shaft behind the clutch bell
with fitting pliers and open the nut with
a fitting socket and wrench



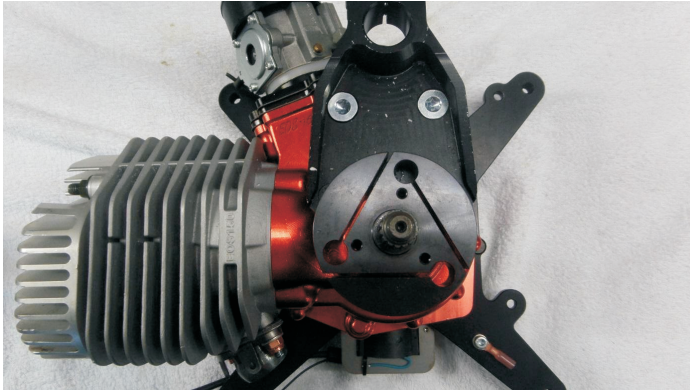
STEP 4
turn the excenter shaft of the drive wheel
in clockwise direction to loosen the belt



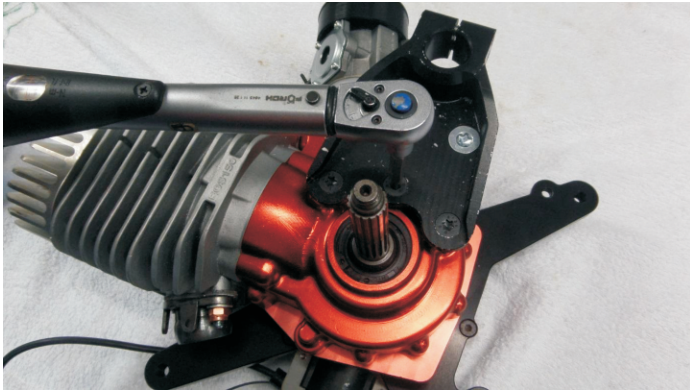
STEP 5
remove drive wheel and belt



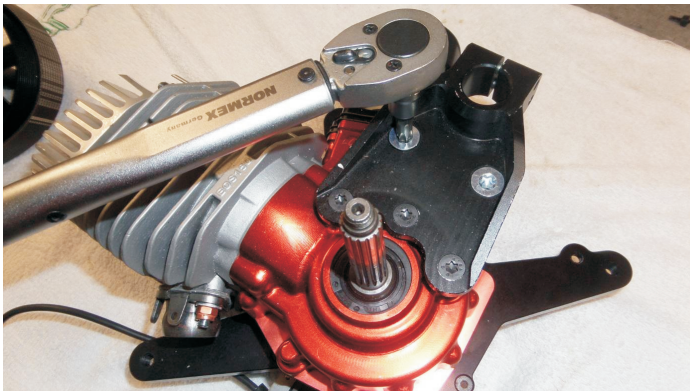
STEP 6
remove the clutch bell



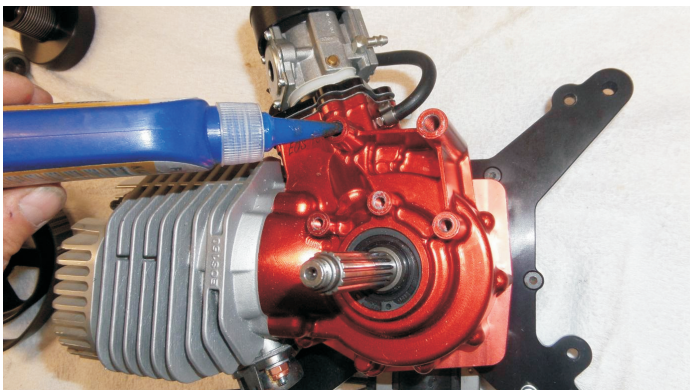
STEP 7
remove the clutch



STEP 8
open the 3x Torx screws, use a well fitting Torx socket with wrench. These bolts are very tight and glued with Loctite thread locker! If necessary to heat them up with hot air blower to over 120 degrees Celsius to melt the glue and easier loosen the screws.



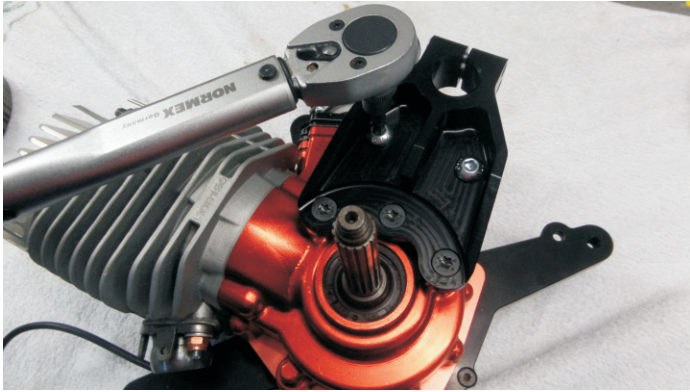
STEP 9
open the 2x bigger Torx screws, use a well fitting Torx socket with wrench. As before, these bolts are very tight and glued with Loctite thread locker!



STEP 10
put Loctite 243 thread locker glue (or equivalent) into all the threads (important! It is imperative to use thread locker on all screws!)

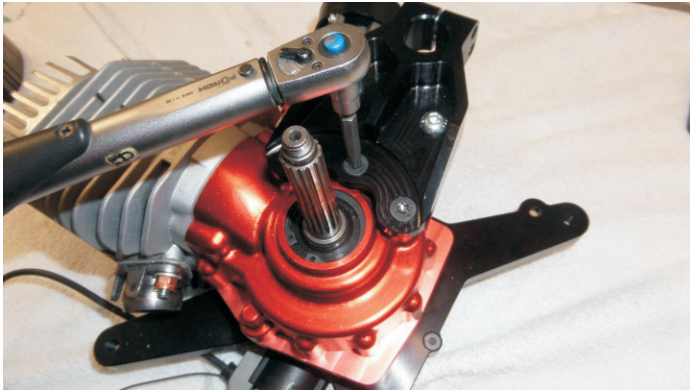


STEP 11
put the new type bracket with the new screws in place



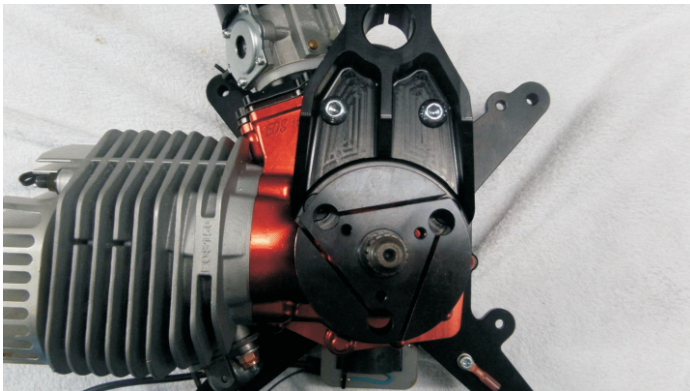
STEP 12

use a torque wrench and tighten the 2x bigger Torx screws with 22NM



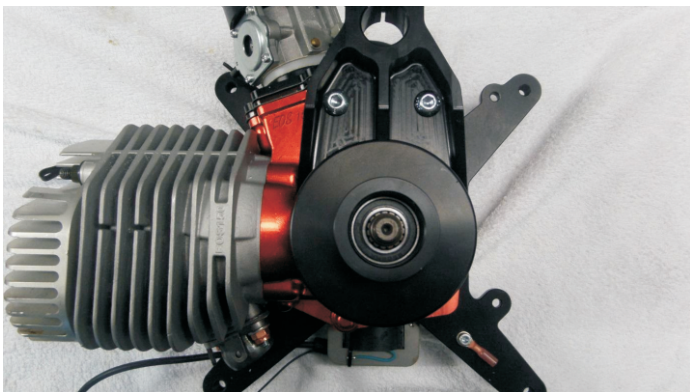
STEP 13

use a torque wrench and tighten the 3x smaller Torx screws with 14NM



STEP 14

install the clutch



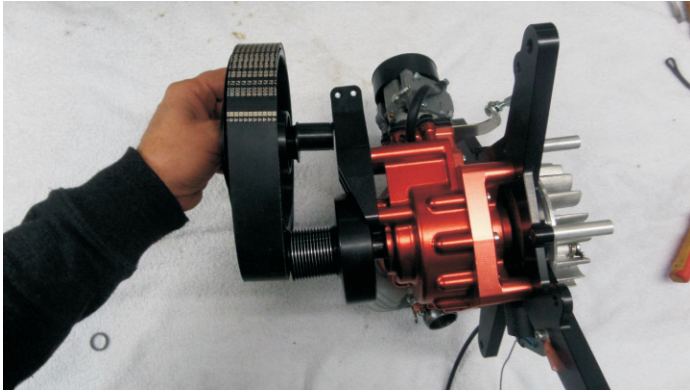
STEP 15

install the clutch bell

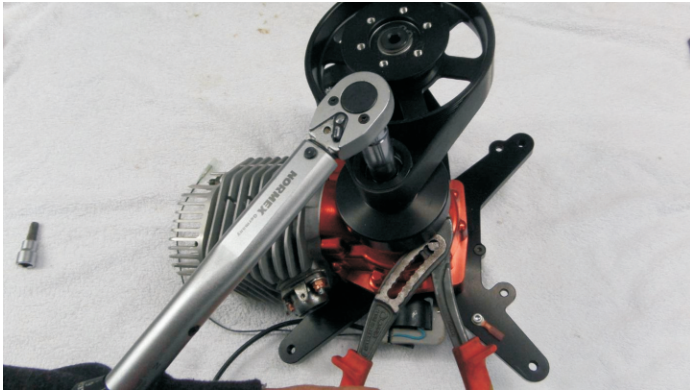


STEP 16

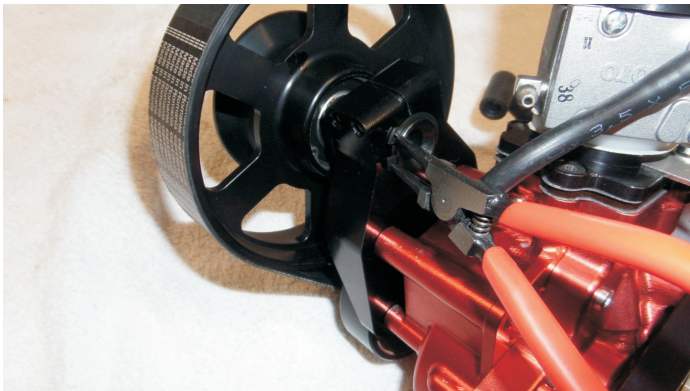
put Loctite 243 (or equivalent) thread locker glue to the shaft thread



STEP 17
install the drive wheel with belt



STEP 18
place the nut on the crank shaft and tighten with 25NM by using the torque wrench. Counter hold crank shaft on the back of the clutch bell with fitting pliers.



STEP 19
install look ring



STEP 20
tighten the belt by turning the excenter shaft anticlockwise(!). For the right tension download and install an appropriate belt tension app to your mobile phone from the app store. Set belt to 350-360Hz.tension.



STEP 21
place and tighten the 2 bolts holding the drive shaft, tighten for 12NM by using the torque wrench.

end of work