

IRON BALTIC

CLUTCH SHOES

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USER MANUAL



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SET

Code 27.0031

Version 06122023



Keep this manual for future reference!

If you need any spare parts, please send this packaging data to your local dealer or to Iron Baltic
sales@ironbaltic.com

SPECIFICATION

Pos.	Description	Code	Amount
1	Clutch shoe		2
2	Tension spring		4

CLUTCH SHOES REPLACING INSTRUCTIONS

Step 1 Loosen the bolts and remove the belt cover

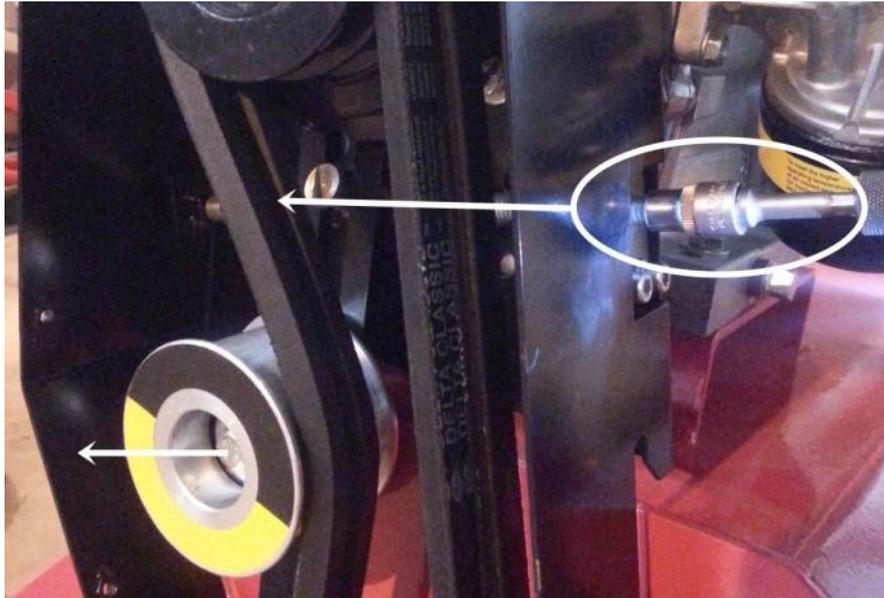


Step 2 Release the locknut of the tensioner arm.



Step 3

Untighten the belts by turning the tensioning pulley arm.



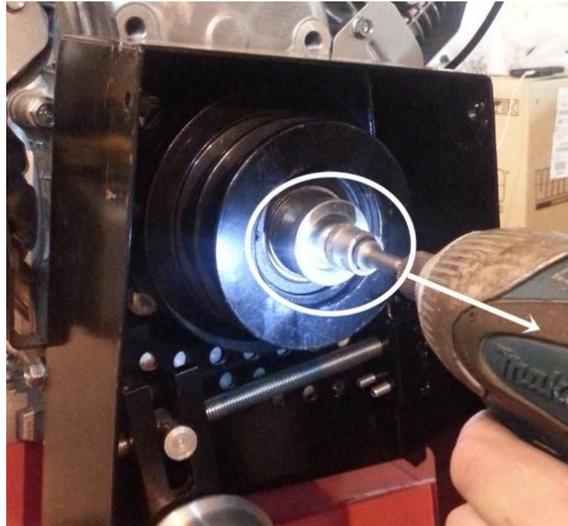
Step 4

Remove the belts.



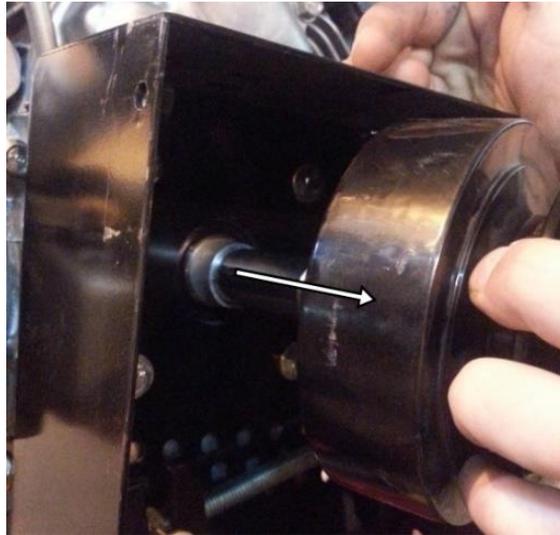
Step 5

Remove the locknut of the clutch assembly.



Step 6

Pull the clutch assembly off the engine crankshaft, use puller tool if needed. Make sure the shaft key stays on the shaft.



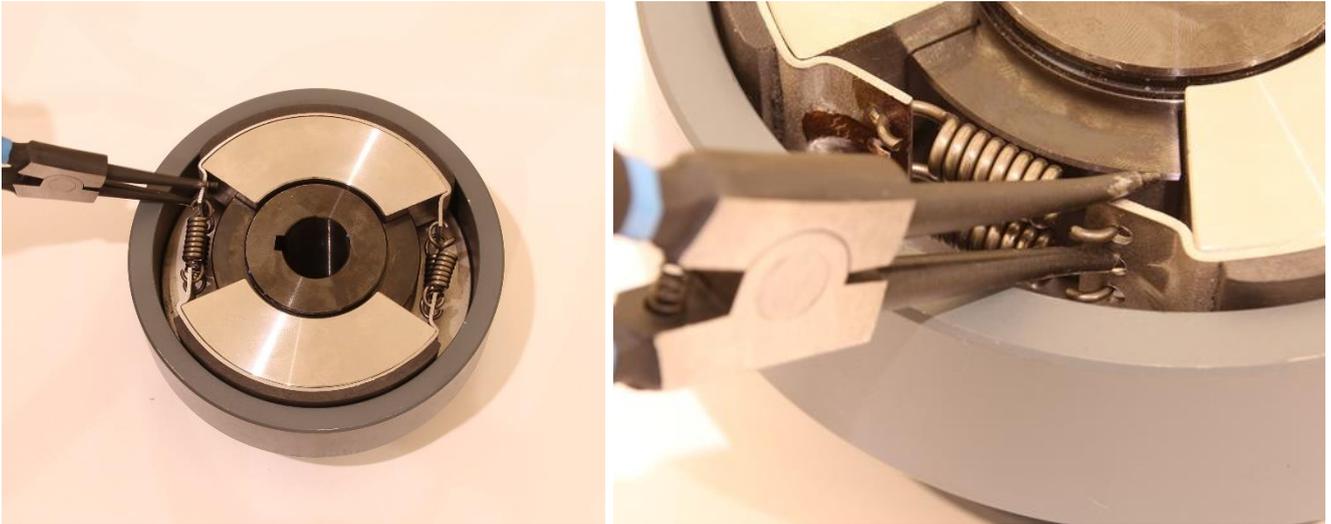
Step 7

Remove the locking ring and the dust cover plate on the back of the clutch. If necessary, use the additional tools (locking ring pliers).



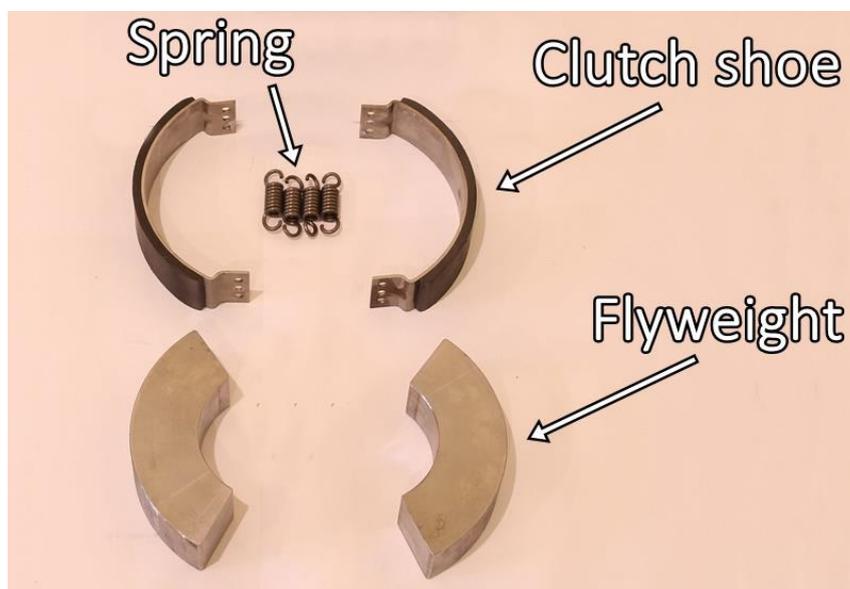
Step 8

Remove the old shoes from the clutch. To do this, insert a smaller screwdriver, lock ring pliers or other tool into the holes in the clutch shoes. Slide the clutch shoes with flyweights out off the clutch drum by prying the tool (alternately from different sides)



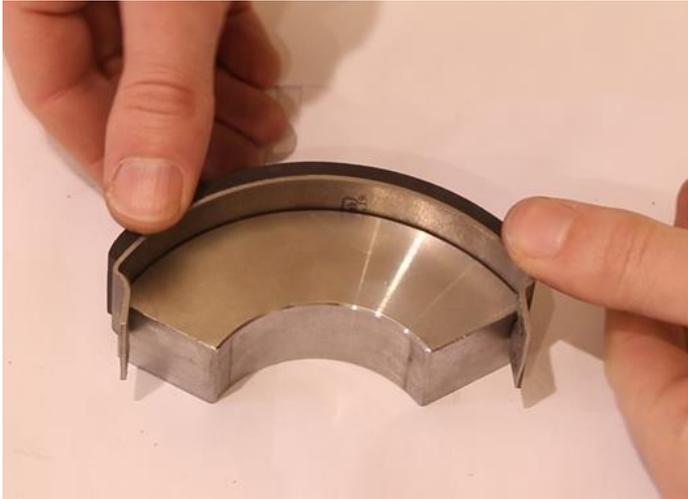
Step 9

Remove old clutch shoes and springs from the flyweights.



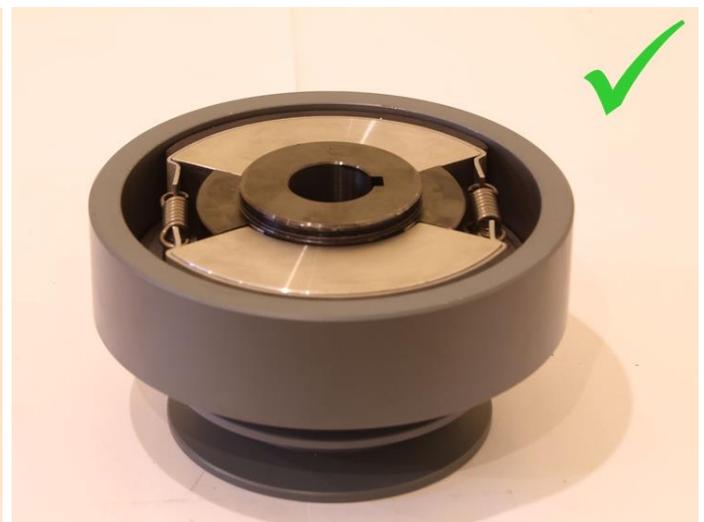
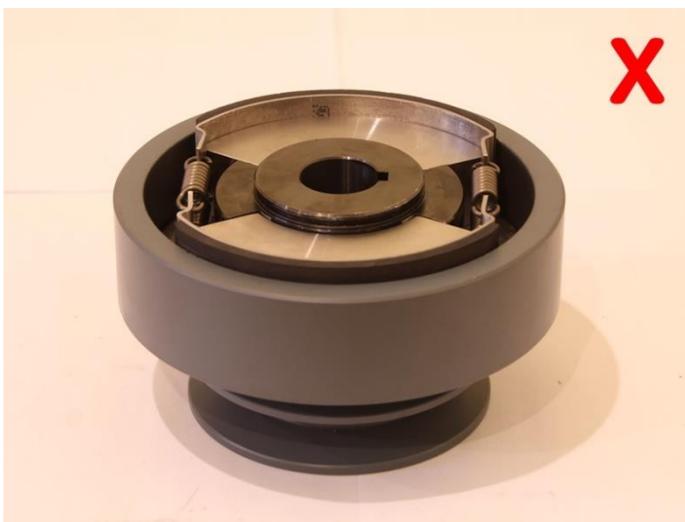
Step 10

Install new clutch shoes by sliding them on to the flyweights. Install the springs into the outer holes of the clutch shoes.



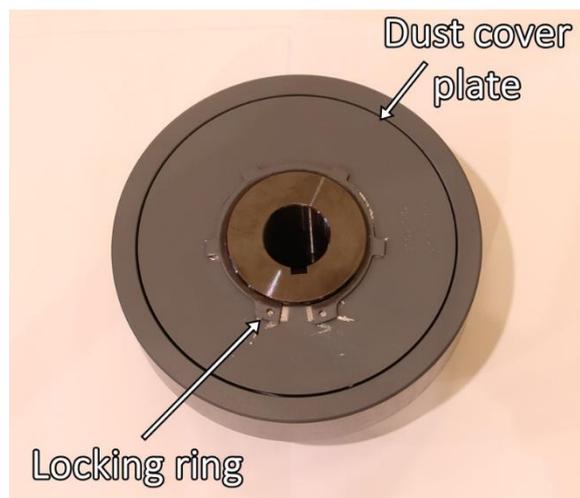
Step 11

Install clutch shoes with flyweights into the clutch drum. Install one edge first and then press the blocks to the bottom of the clutch drum. Make sure that the clutch shoes and flyweights remain on the same level



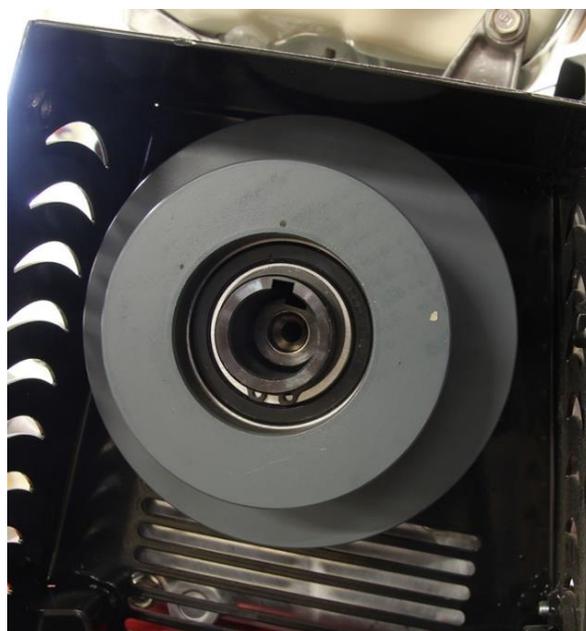
Step 12

Install the locking ring and the dust cover plate.



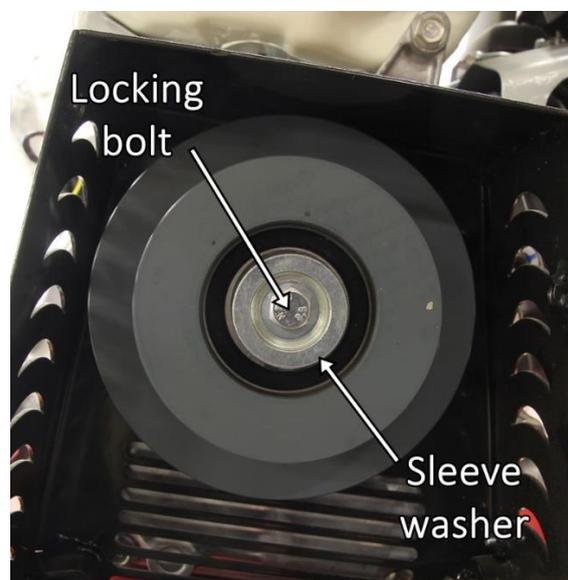
Step 13

Install clutch back to engine shaft.



Step 14

Fix the clutch with a bolt and sleeve washer.



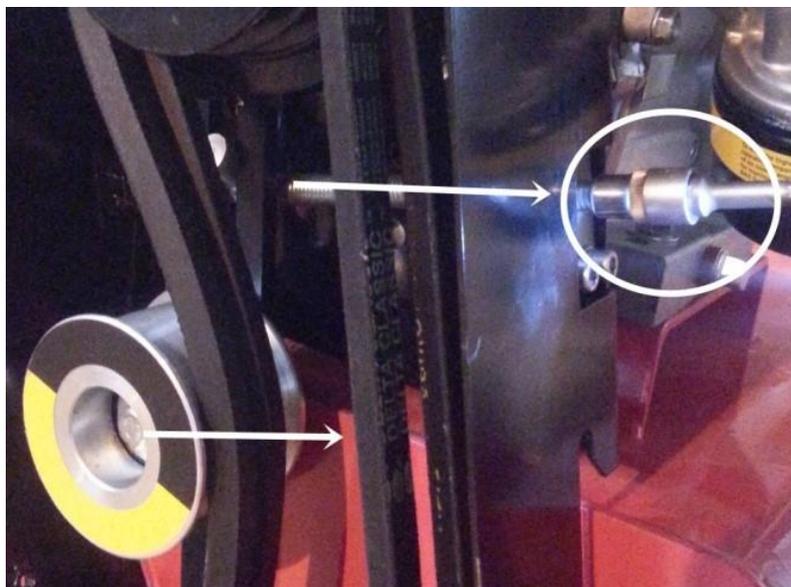
Step 15

Install the belts. It is recommended to install new belts (Specifications / measurement of the belts used can be found on the belts housing cover).



Step 16

Tighten the belts by turning the tensioning pulley arm back until belts tightened up to a position where they still can be compressed 10-15mm by hand (measured in between pulley and the counter run belt).



Step 17

Fix the pulley position with the locknut.



Step 18

Install the belts housing cover.



IRON BALTIC

IRON BALTIC OÜ
Joa tee 17
Vääna 76903
Estonia / Europe

+372 6 533 711
sales@ironbaltic.com

www.ironbaltic.com
www.facebook.com/ironbaltic
www.youtube.com/user/ironbalticLtd

