
TECHNICAL SERVICE BULLETIN

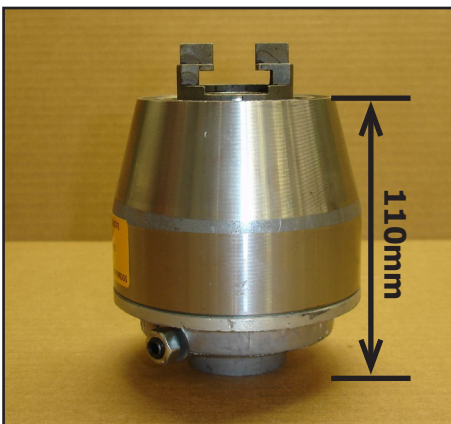


BCS Power Units Pre-PowerSafe® models

How to Identify & Fit a Clutch



If your clutch is held onto the engine's crankshaft by a locking nut and grub screw on the back of the clutch and measures 127mm, then follow step 3.



If your clutch is held onto the engine's crankshaft by a locking nut and grub screw on the back of the clutch and measures 110mm, follow steps 1 & 3.

PLEASE NOTE: The 110mm clutch is no longer supplied as a spare part, if you are ordering a replacement you will be supplied with the 127mm clutch. You will still need to follow steps 1 & 3 to fit your new clutch.

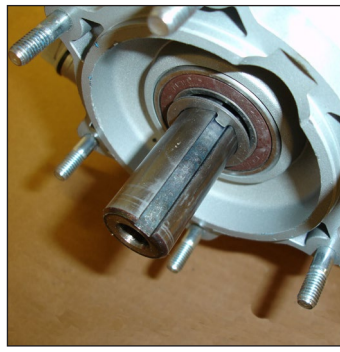


If your clutch does not have a locking nut and grub screw on the back then follow steps 2 & 3.

STEP 1



Remove the clutch from the crankshaft by undoing the locking nut and grubscrew.



Remove the washer from behind the clutch.

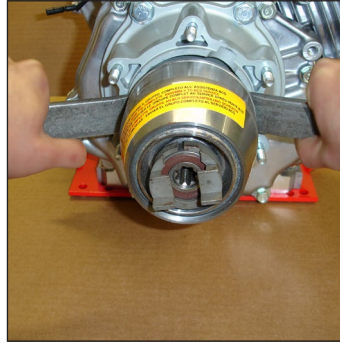


Remove the adapter flange from the engine. Remove the bearing from the flange. Refit the flange to the engine. The washer and bearing are no longer required and can be disposed of.

STEP 2



Undo the bolt in the middle of the clutch 2 to 2½ turns. Use the **CORRECT** size allen key:
GX240/270 engine - ¼" allen key
GX340/390 engine - 7/32" allen key

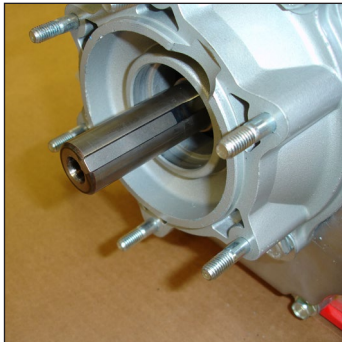


Carefully pry the clutch from the crankshaft. Once the clutch has released from the crankshaft, fully undo the bolt in the centre of the clutch and remove clutch.



Remove the tapered bush and spacer from the crankshaft and dispose of them.

STEP 3

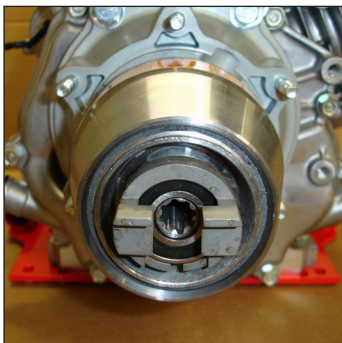


Fit the supplied key to the crankshaft.



Slide the long clutch onto the engine crankshaft until the back of the clutch touches the shoulder of the crankshaft. Tighten the grubscrew and then the locknut.

INCORRECT



When the engine is refitted ensure that the two prongs on the front of the clutch are at the bottom to ensure the correct operation of the clutch.

Once the engine is refitted ensure that there is 2-3mm of free play in the clutch cable.

CORRECT

