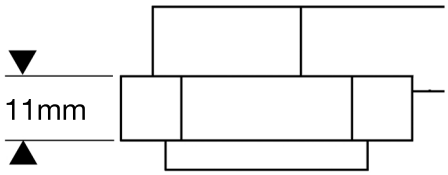
Chain Ring Replacement

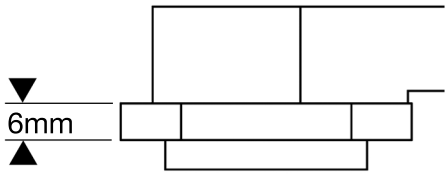
If your crank is the newer style (introduced Feb. 2010) with a thicker 11mm spider and Torx T25 chain ring screws, you can safely replace your chain ring.

YES



If you have an older crank with a thinner 6mm spider and hex head chain ring screws, we **DO NOT RECOMMEND** replacing your chain ring.

NO



When removing or installing chain ring screws, care must be taken to avoid cross-threading the screws. The threading on the crank arm and chain ring screws is very fine and can be damaged by improper installation. Additionally, over-tightening the chain ring screws can lead to damage of the screws or crank arm. Paul Component Engineering will not be held responsible for damage occurring during chain ring replacement.

This process requires a torque wrench rated to at least 130 inch pounds (14.6Nm), with a T25 Torx head.

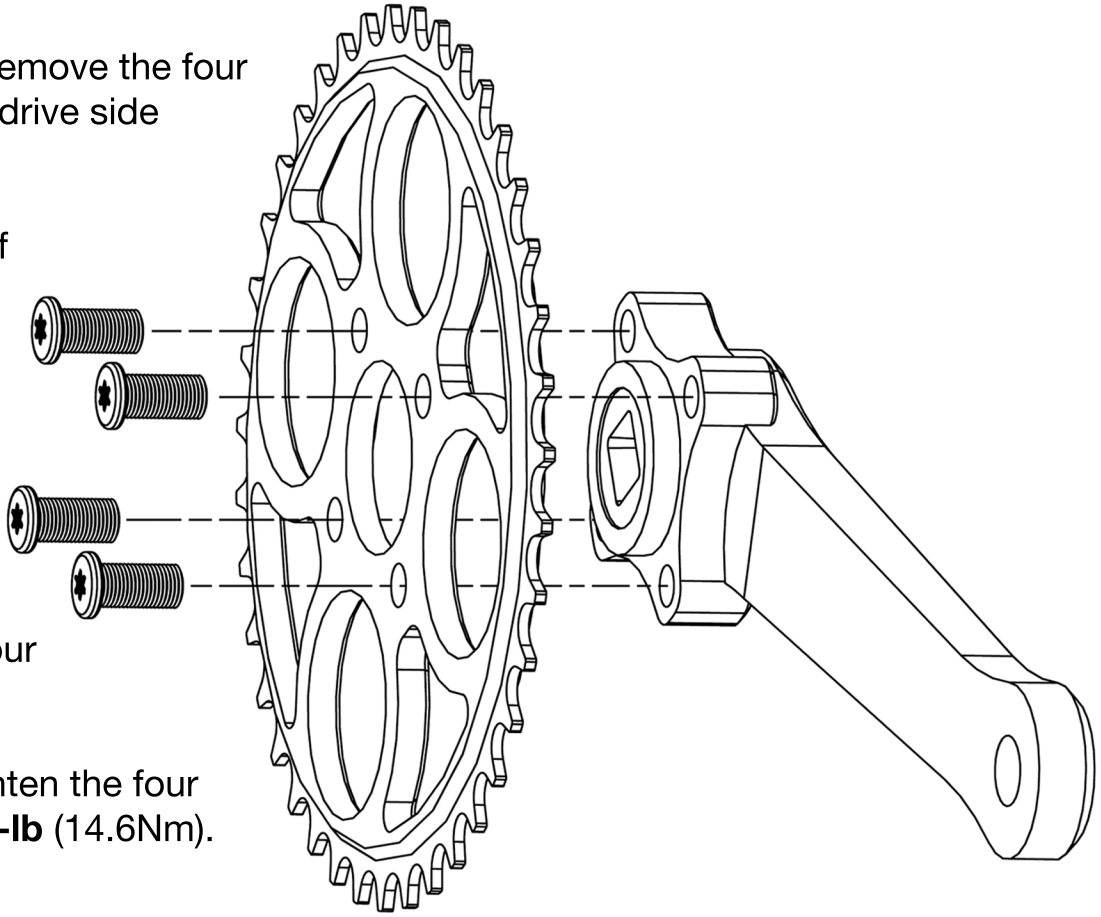
Instructions:

Using a T25 Torx wrench, remove the four chain ring screws from the drive side crank arm.

Clean all mating surfaces of the crank arm and chain ring, then apply a thin coat of grease to the screw threads and the chain ring / spider mate.

Mount the replacement chain ring to the crank arm and carefully reinstall the four chain ring screws.

Using a torque wrench, tighten the four chain ring screws to **130 in-lb** (14.6Nm). **Do not over-tighten**.



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