

Recommended usage of MW040 pedal washers

Abstract

This tech brief is intended to announce a clarification of cranksets that require the use of MW040 pedal washers. Pedal washers are necessary for properly installing pedals on carbon cranksets but are not required when a pedal is installed on alloy or steel cranksets.

FSA remains committed to supporting our network of distributors and dealers, as well as consumers. Although problems may arise from time to time, FSA remains committed to providing customer support in a timely and efficient manner.

MW040 pedal Washer

Pedal spindle washers (**see photo 1**) are included and required for all FSA **carbon** cranksets.



Photo 1: MW040 Pedal Washers

Aluminum alloy cranksets do **NOT** require the usage of pedal washers. Using them will not harm the crankset but offers no benefit to the alloy assembly. Many alloy cranksets currently in the market include pedal washers in the crank packaging. For future productions, aluminum alloy cranksets will not include the pedal washers.

The pedal washer is designed to protect carbon crank arms from pedal spindles, which may have a contact area larger than the recess area around the pedal hole.

The washers should be used as shown to protect the surface of carbon material surrounding the alloy pedal engagement area (**photos 2 and 3**).



Photo 2: Installed Pedal Washer



Photo 3: Pedal Washer in use with pedal installed