White Industries Rear Hub 24T and 48T Ratchet Ring Identification

There are two different ratchet ring styles that we've used in our hubs. The older 24T (15 degree) system on the left, and the more current 48T (7.5 degree) system on the right. Notice the difference in the pawls for each ring type, as the 48T pawls have a "step", or extra notch, that is not present on the 24T pawls. Our freehub bodies (or "drivers") are compatible with either style of pawl and engagement system.

The pawls and ratchet rings for each type are not interchangeable; 24T pawls will not work with a 48T ratchet ring and visa versa. It is important to know which type you have in order to replace parts. If your hub is still functioning, the easiest way to identify the type is to count the number of "clicks" in one rotation of the freehub. Otherwise, pull the hub apart and count the number of teeth on the ratchet ring.

WARNING: Using the wrong style pawls on your ratchet ring will damage your pawls, ratchet ring, freehub body, possibly the hub shell, and maybe you. Don't guess! Confirm what you have before ordering parts!



24T engagement
Pawl & spring kit part #KITPAWL24

48T engagement
Pawl & spring kit part #KITPAWL48