The XS 500 oil filter kit (part # 99999-02290) replaces the oil filter 371-13440-00 and contains the following parts:

3FV-13440-00 Element, oil cleaner
371-13447-09 Cover, element
371-13447-09 Gasket, element cover
90201-422F3 Washer plate (12R)
93210-48460 O-Ring (4U8)



371-13447-09 is a modified original filter base plate (I would guess old stock original items which were altered later). The modifications are simple if you have a lathe. The design is a bit weird though. First the thread is turned down from 22x1.5 to 20x1.5. You do speak metric, do you? Then a groove is cut into the sealing surface, inner diameter 45 mm, outer diameter 50 mm, depth 1.5 mm. It is exactly where the original filter's seal sits. Basically it doesn't matter exactly, as long as you have an o-ring that fits in the groove.



(sorry about the bad picture.) 

You can see the groove better on the second picture, with the o-ring in it. If you click on the picture you will also see the little indention in the sealing surface. That's where it gets a bit complicated. If it weren't for that little cut-out, the new filter would seal perfectly and you would be done. The cut-out makes room for the M6 washer that goes underneath the Allen bolt that holds the base to the engine block. Just on the outer edge of the sealing surface you can see where the oil filter's o-ring has contact. Yes, that's pretty close to the edge. That's why Yamaha opted to cut the grove and fit a washer between base plate and filter.




Not too elegant really, maybe even unnecessary. With the machining tolerances being what they are you could probably try without the washer and o-ring, especially with some aftermarket filters which have a thicker o-ring which has contact to the base some 10ths of a mm further to the center.

Of course a more elegant solution would be to either make a complete new base or to weld up the little indentation and then making the boltholes more exact, this way you could then definitely fit the FZ filter directly.

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