

Olson Kustom Works

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HD Tensioner Upgrade For Fbody/GTO Offset

Thank you for your purchase from OKW. If you have any questions about your products feel free to call or email!
A copy of this manual is available on our website, OKW-Inc.com under "Product Support"

Kit Contents:

Billet HD Tensioner Bracket Body
1x 3.540" Billet Round Spacer
2x 1.065" Billet Round Spacers
2x M10x50mm Hex Head Bolt (Bracket to Water Pump)
2x M10x110mm Hex Head Bolt (Bracket to Head) (Tensioner to Bracket)
8x M10 Plain Washers
2x M10 Grade 10.9 Washers (Yellow)
1x M10 Nyloc Nut

Installation is as simple as removing the stock tensioner assembly, and replacing it with the supplied bracket. The 3.540" spacers go between the tensioner bracket and the cylinder head with the 110mm long HEX BOLT, and the 2 50mm HEX BOLTS, and the short 1.065" spacers go between the water pump and the bracket. Install all the bolts finger tight to make sure it is all aligned, and then tighten them all to 37lb/ft. DO NOT USE WASHERS behind the 2 bracket mounting bolts that sit behind the tensioner body, as the tensioner will not sit flat on the bracket. Only use washer on the exposed mount bolt location.

The tensioner body itself should start at somewhere between 12 o'clock and 2 o'clock when relaxed, and when a belt is installed it should sit somewhere around 3-4 o'clock. The tensioner body has a large range of rotation, and the more preload on the belt, the better.

Using the supplied M10x110mm bolt, yellow washers, and locknut, bolt the tensioner to the bracket, and tighten until its snug, but not cranked down super hard. Make sure the motion of the tensioner arm is smooth and it doesn't get stuck or jumpy. Tightening down the bolt too much will cause the arm to bind.

For the Fbody/GTO offset (6 or 8 ribs) there are no spacers required since the offset is already correct for the belt. If you are running on an IW or ATI balancer that adds 2 ribs forward from a stock 6 rib offset, there are no shims needed. The belt in a stock 6 rib configuration will ride on the REAR 6 ribs of the tensioner pulley. We have included 6 additional 10mm plain washers, in case the belt wants to "settle" into a groove other than described. Tolerance in the tensioner itself may lead to slight alignment variances. If the belt jumps forward, add 1 washer to each mounting bolt until it no longer jumps forward. It shouldn't ever jump back, but if it does the spacers will need to be shortened. These pictures are from an older revision of the bracket (feel free to send some newer ones!) but the mounting is the same.

