















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READ THIS b4 timing chain tensioner job on a 2ZZ

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READ THIS b4 timing chain tensioner job on a 2ZZ

by tinyfrogs » Sat Dec 19, 2015 12:36 pm

Hey folks,

I'm in the middle of a FUBAR situation with trying to replace the timing chain tensioner on my 2zz vibe. Lots of links suggest that the 2zz is a similar task to swapping the 1zz. If I had googled it harder before trying the job, I would have known that it wasn't worth trying to fix this oil leak myself. Since no hits on this site indicate this issue, I'm posting this as a public service.

Unlike in the 1zz, when you try to remove the unbolted tensioner from the 2zz it is stopped by the bracket for the idler pulley. You can't just push the tensioner back in and reinstall the nuts because the tension on the chain will be wrong since the tensioner was not reset before reinstall.

On the hacked matrix owners site, there is a thread telling the nasty story of someone going through this, then having to unbolt AC and PS lines and a motor mount, jack up the engine, and then loosen that idler before being able to swap the tensioner, only to have it continue to leak afterward. <http://matrixowners.com/index.php?/topi...or-advise/>

I'm about to go back to work to try to fix my mistake.

Last edited by tinyfrogs on Tue Dec 22, 2015 8:20 pm, edited 1 time in total.

tinyfrogs

Posts: 16

Joined: Tue Jul 08, 2014 5:18 pm

Location: NC Triangle

Re: READ THIS b4 timing chain tensioner job on a 2ZZ

by tgsnellg75 » Tue Dec 22, 2015 7:25 pm

Need to make this a sticky or something. I just went through this myself. Did not see your post until after the point of no return. Horrible feeling when I discovered I could not get the timing chain tensioner out, or put it back in. Jacked the motor up and finally got the o-ring and tensioner replaced, then realized the belt tensioner nut had been rounded off by the previous owner. Had to then remove the belt tensioner itself and tap a hole into it for a bolt so that we could get leverage enough to replace the belt. !/2 hour job according to youtube turned into a 4 hour ordeal.

2004 GT

tgsnellg75

Posts: 7

Joined: Fri Mar 13, 2015 4:34 pm

Location: Canton, TX

Re: READ THIS b4 timing chain tensioner job on a 2ZZ

by Vortec » Sat Apr 09, 2016 7:48 am

i'm a little late posting on this but my solution because i had a major time crunch was to take some fine sand paper and take a little off the bracket and smoothed out the back of the chain tensioner so they'd slide past each other. yeah, i hated the idea too but nearly 4 years and 50K miles later things are still going well.

Vortec

Posts: 11

Joined: Wed Nov 28, 2012 7:10 pm



Re: READ THIS b4 timing chain tensioner job on a 2ZZ



by **AttackingMid** » Sun May 08, 2016 8:59 pm

AttackingMid

Posts: 1
Joined: Wed Sep 09, 2015 11:48 am

Just did this job today on my son's 03 Matrix XRS. Some tight spaces to work in, but worth the effort to solve a moderate oil leak. The biggest secret is to loosen the three motor mount bolts and jack up the engine (I used a floor jack with a piece of lumber under the oil pan). This is necessary to gain clearance to get a 1/2 in. breaker bar with a 17mm socket in there to loosen the tensioner mounting bolt (I couldn't budge it with just a wrench).

The rest of the job was pretty straight forward as described in this and other threads. I installed a new o-ring from Toyota and sealed the flat mating surface with Hondabond 4. I'm hopeful that should keep him leak-free for a while.

While in there, I greased the belt tensioner mounting pivot surfaces and popped the seals on the pulley to clean and re-grease. The pulley bearing still had grease, but it was caking up. Wouldn't have been too terribly long before failure.

AM.



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