

PART NUMBER(s): FLOATMODSEC

IF YOU HAVE A AFTERMARKET BILLET TRANSMISSION SEAL GUARD YOU MUST REMOVE IT BEFORE YOU INSTALL THE KWI FLOAT MOD SECONDARY OR BELT FAILURES WILL OCCUR.

TOOLS NEEDED

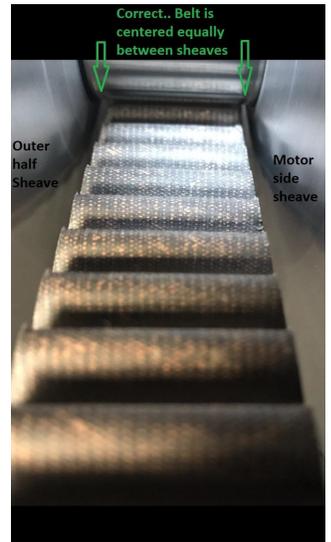
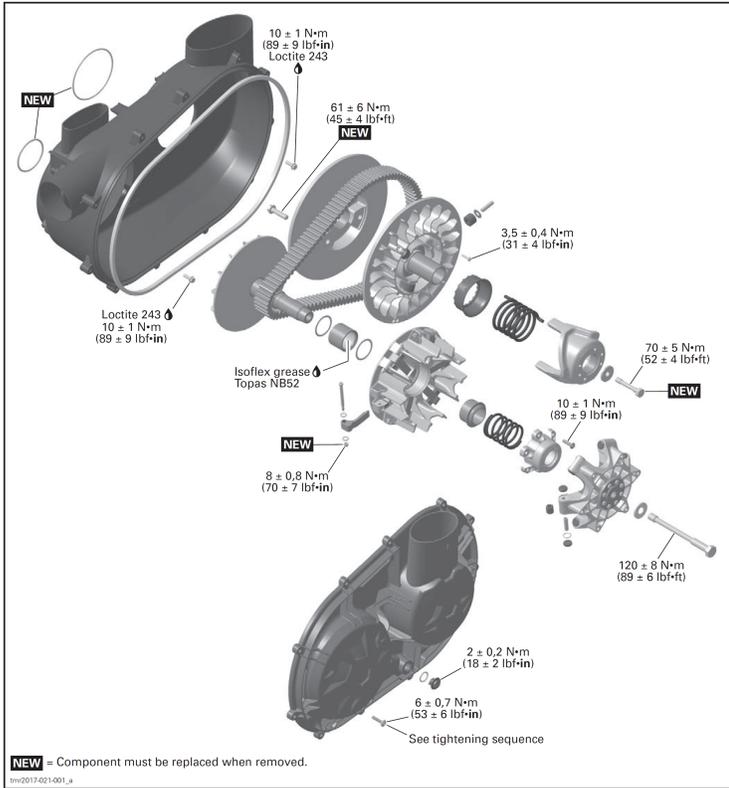
- 1/2" Drive Impact Gun
- 17mm - 1/2" Drive Impact Socket
- Torque Wrench
- T30 Torx
- Vorhees Vice holding tool or equivalent
- Brake Cleaner
- Rags
- Moly grease
- Clutch Belt removal tool
- Cell phone with camera



NOTE: No component marking is required before disassembly. The clutches feature factory apposed index marks as references if needed.

Removing and installing KWI Float Mod secondary clutch

- 1) Remove belt box cover. (T30 Torx)
- 2) Remove CVT belt. (Clutch Belt removal tool)
- 3) Remove secondary clutch bolt. (17mm or 7/8" - 1/2" Drive Socket)
- 4) Secondary clutch will slide off shaft. (Retain bolt and washer for re-use)
- 5) Clean gearbox secondary shaft and splines with brake cleaner- MAKE SURE TO REMOVE ANY RUST FROM THE SHAFT NEAR THE GEARBOX SEAL.
- 6) Lubricate gearbox secondary shaft splines well. Apply a light coat of grease to the entire length of the shaft with moly grease.
*****EVERY 500 MILES REMOVE SECONDARY CLUTCH- CLEAN AND RE-LUBRICATE SECONDARY SHAFT SPLINES WITH MOLY GREASE***FAILURE TO COMPLY MAY CAUSE HARD SHIFTING****
- 7) Install KWI Float Mod Wave Spring on shaft.
- 8) Align splines and slide secondary clutch on shaft. (Do not force or bang splines against shaft or you can crate a burr that makes install difficult)(Place car in drive then wiggle and turn secondary until splines align and clutch slides on)
- 9) Install factory step washer, 1 thick KWI Float Shim, 1 thin KWI Float Shim and KWI Float Billet Spacer on secondary clutch bolt per photos on page 2.
- 10) Lightly tighten secondary clutch bolt and push secondary clutch toward the gearbox, verify it returns to its original position smoothly.
- 11) Install Belt.
- 12) Spin secondary clutch 10 turns CCW by hand while pulling lightly outward on helix.
- 13) Verify belt is centered between the primary sheaves. (use a cell phone held between clutches and take a photo looking forward at primary bearing)
- 14) Adjust KWI Float Mod shimming as required to center belt.
 - Increase the thickness of the total KWI Float Shims to move belt away from motor
 - Decrease the thickness of the total KWI Float Shims to move belt toward motor.
- 15) Secure secondary clutch on crankshaft by torquing the secondary clutch bolt to bolt manufacturer specs on page 2.(17mm -1/2" Drive Socket)(Torque Wrench) Use a KWI Vorhees Vice or equivalent to hold secondary while torquing.
- 16) Reinstall CVT belt and belt box cover.



PARTS INCLUDED

	PART DESCRIPTION	QTY	OEM PART #	OUR PART #
	FLOAT WAVE SPRING	1	—	—
	FLOAT BILLET SPACER	1	—	—
	FLOAT SHIM- THIN	2	—	—
	FLOAT SHIM- THICK	1	—	—
	SECONDARY CLUTCH MOD BY KWI	1	—	—
			—	—
			—	—

LIABILITY STATEMENT

As defined by the Magnuson-Moss warranty Act. Do not install any performance parts or services unless you have the technical ability to properly set-up the entire machine to compensate for the installation of those parts. The necessary work and expertise needed to install different product varies. Instructions, where provided, are given to assist in installation only; they are not a substitute for mechanical experience in setting up racing vehicles. References to performance gains, reliability, ease of installation, etc. are based on our and outside customer's experiences. This is not a guarantee of similar performance in every installation. While we sell proven products, in the end it's up to the individual to make the most of the product. Kris Werth Inc. d.b.a. KWI Clutching or its associated corporations are not responsible for any personal or property damages caused by this product. Kris Werth Inc. d.b.a. KWI Clutching or its associated corporations assumes no responsibility for damage or injury of any kind because of misuse, improper installation or improper application of any parts in anyway, by any person. Contact your local dealer to schedule installation of this kit if you are not a qualified ATV or UTV mechanic. USE OF PRODUCTS. BUYER SHALL USE, AND REQUIRE ITS EMPLOYEES, CONTRACTORS, AND AGENTS TO USE, ALL AVAILABLE SAFETY PRECAUTIONS, IN ADDITION TO ANY SPECIFICALLY SET FORTH IN ANY MANUALS, MATERIAL SAFETY DATA SHEETS, TECHNICAL DATA SHEETS, INSTRUCTION SHEETS, IF ANY, FURNISHED BY SELLER (OR AVAILABLE FROM RAW MATERIAL SUPPLIERS) RELATING TO SELLER'S PRODUCTS. IF BUYER DOES NOT RECEIVE ANY REQUIRED MATERIAL SAFETY DATA SHEETS FOR ANY PRODUCT FROM SELLER, BUYER WILL REQUEST THEM FROM SELLER. IF BUYER FAILS TO STRICTLY OBSERVE EACH AND EVERY ONE OF THE OBLIGATIONS SET FORTH IN THIS SECTION 22 OR IF BUYER'S USE OF ANY OF SELLER'S PRODUCTS IS IN VIOLATION OF ANY STANDARD OR RULE OF THE AMERICAN NATIONAL STANDARDS INSTITUTE OR OCCUPATIONAL HEALTH AND SAFETY ACT, OR OTHER APPLICABLE WORKPLACE LAW, REGULATION, OR STANDARD, BUYER WILL INDEMNIFY, DEFEND, AND HOLD HARMLESS SELLER AND SELLER AND ITS EMPLOYEES, OFFICERS, DIRECTORS, AGENTS, AFFILIATES, SUCCESSORS AND ASSIGNS FROM AND AGAINST ANY AND ALL CLAIMS, DEMANDS, DAMAGES, ACTIONS, AND CAUSES OF ACTION, AS WELL AS ANY AND ALL LIABILITY, LOSS, OR EXPENSE OF ANY KIND, INCLUDING REASONABLE ATTORNEYS' FEES ARISING FROM, CONNECTED WITH OR IN ANY WAY PERTAINING TO ANY SUCH FAILURE BY BUYER.

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