



PARTICLE SEPARATOR X2

www.kwtfilters.com

P/N: 20-6000

Approx. Install Time: 0 Hrs 30 Min

INSTALLATION INSTRUCTIONS

VEHICLE TYPE

Year: **2019 - 2020**
Make: **Yamaha**
Model: **YXZ**
Engine: **1000**

TOOLS REQUIRED

- 3/16" Hex Key (Allen Wrench)
- 1/8" Hex Key (Allen Wrench)
- Phillips Screwdriver
- Wire Cutters
- Jig Saw or Hand Saw

BEFORE YOU START

Please read the entire installation manual before proceeding.
Ensure all part items listed on page 4 exist
If you are missing any of the components, call our customer support at 888-340-5055.
Do not work on the vehicle while the engine is running or hot.
Ensure vehicle is turned off and brake is on.

WARNING:

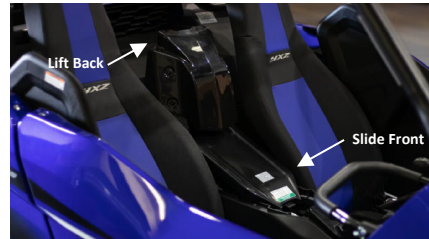
THIS EQUIPMENT SHOULD BE INSTALLED, ADJUSTED, AND SERVICED BY PERSONNEL FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THIS TYPE OF EQUIPMENT AND THE HAZARDS INVOLVED. FAILURE TO OBSERVE THIS PRECAUTION COULD RESULT IN SEVERE INJURY. READ THIS MANUAL THOROUGHLY AND MAKE SURE YOU UNDERSTAND THE PROCEDURES BEFORE YOU ATTEMPT TO OPERATE THIS EQUIPMENT. THE PURPOSE OF THIS MANUAL IS TO PROVIDE YOU WITH INFORMATION NECESSARY TO SAFELY OPERATE, MAINTAIN, AND TROUBLESHOOT THIS EQUIPMENT. DO NOT USE THIS EQUIPMENT FOR ANY REASON OTHER THAN ITS INTENDED PURPOSE. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL VOID ANY WARRANTY. KEEP THIS MANUAL FOR FUTURE REFERENCE. THE INFORMATION CONTAINED IN THIS MANUAL IS SUBJECT TO CHANGE WITHOUT NOTICE.



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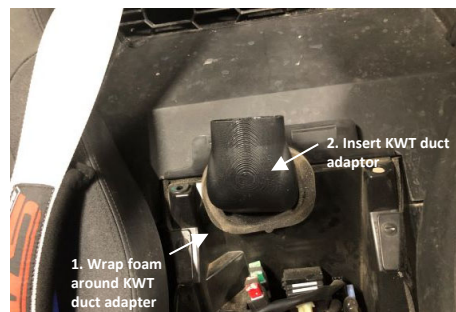
INSTALLATION INSTRUCTIONS

STEP 1. The preferred placement for the Particle Separator (1) is nearest to the engine air intake and on the bottom bar of the roll cage. Make sure you have enough room to fit the clamps and particle separator on the roll cage without any interference. Planning ahead will save you time during the install. Roll bar clamps are adaptable enough to work around any additional accessories you may have on the roll cage in addition to the particle separator. Prior to installing the Particle Separator (1), Slide the drivers seat all the way forward by pulling up on the seat adjuster found under the front of the seat and remove the center console cover by lifting up on the back and sliding the front tab out from its slot. Make sure the rear mounting grommets did not pull out with the cover.

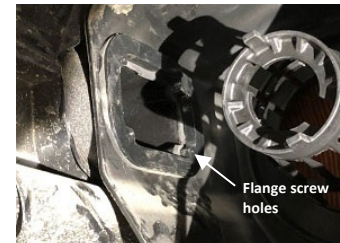


PART LIST/NUMBERS CAN BE FOUND ON PAGE 4

STEP 2. Remove the stock air duct from the air box by squeezing the top and bottom of the air duct and pulling it forward. Carefully detach the foam seal from the stock air duct and install foam around the KWT air duct adaptor (9).



STEP 3. Locate the air box under the driver's side rear wheel well. Remove the air box lid by grabbing and rotating the handle counter-clockwise. Then remove the air filter by sliding the air filter out of the air box. Install KWT Flange (11) inside the airbox by aligning flange screws holes with the KWT Duct Adaptor (9) and tighten screws (10) at each corner of the KWT Flange. After the flange is installed, insert the air filter and close the airbox lid.



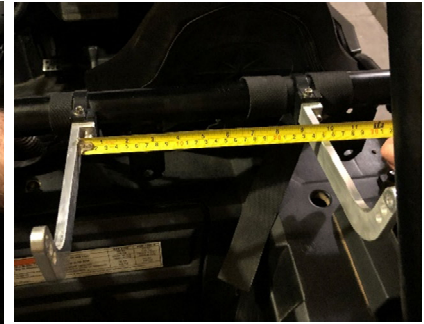
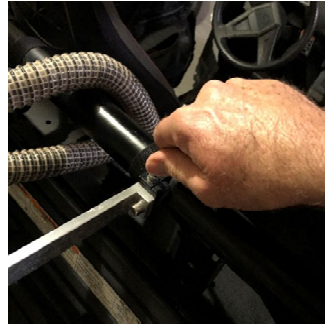


PARTICLE SEPARATOR X2 P/N: 20-6000 INSTALLATION INSTRUCTIONS (CONTINUED)

STEP 4. While the Center Console is off the vehicle, trim plastic to fit the Duct Adaptor. This allows for the KWT Duct Adapter to fit within the Center Console. Install the Center Console onto the vehicle by sliding the front tab in its slot then and pressing down on the rear of the cover.



STEP 5. Install Clamp onto roll bar being careful to wrap roll bar with protective tape to avoid scratching the roll cage. Do not fully tighten, clamps should be able to rotate slightly and will be fully tightened later in assembly. Place Metal Brackets (5) onto the on the Roll Bar Clamps (7) and tighten with allen wrench. After Roll Bar Clamps (7) and Metal Bracket (5) are installed, measure gap between the Metal Brackets (5) and set at 9.5 inches and tighten Roll Bar Clamps (7) and Metal Brackets (5).



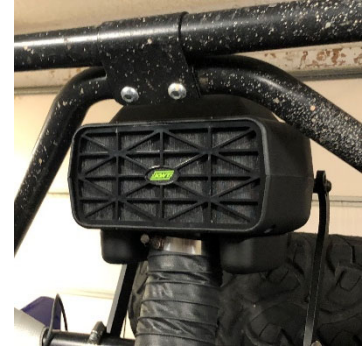
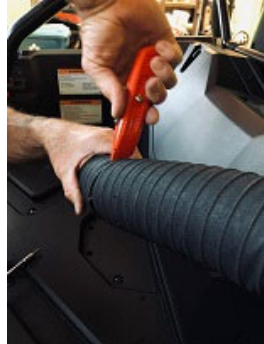
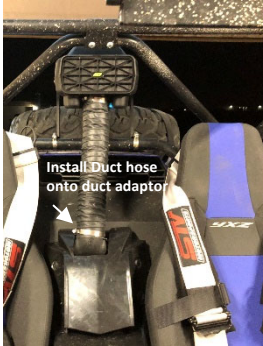
STEP 6. Install Particle Separator (1) onto the Metal Brackets (5) on the left and right-side using Screw (6) and Washer (4) and a 3/16" allen wrench to tighten. Washer **MUST** be between the Metal Bracket (5) and Particle Separator (1). If the washer is placed under the head of the Screw (6) the Particle Separator will rotate freely and may cause damage.



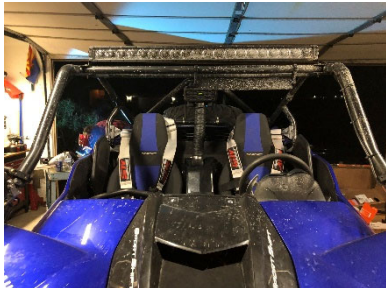


PARTICLE SEPARATOR X2 P/N: 20-6000 INSTALLATION INSTRUCTIONS (CONTINUED)

STEP 7. Install Flexible Duct Hose (8) onto the KWT Duct Adaptor (9) using a Hose Clamp (2). Measure Flexible Duct Hose (8) to Particle Separator (1) inlet, if necessary, cut excess off the Flexible Duct (8) with wire cutters for better fit. Place the Flexible Duct Hose (8) over the Particle Separator (1) intake and tighten Hose Clamp (2) with a Philips screwdriver.



Completed Install Pictures



PARTS LIST

ITEM	QTY	DESCRIPTION	PART NUMBER
1	1	PARTICLE SEPARATOR	KW9728-01
2	2	HOSE CLAMP	KW9728-02
3	2	MOUNTING BRACKET	KW9728-03
4	2	WASHER, 5/16 NORD-LOCK	KW9728-04
5	2	BRACKET, METAL	KW9728-05

ITEM	QTY	DESCRIPTION	PART NUMBER
6	2	SCREW 5/16-18 x 5/8	KW9728-06
7	2	CLAMP, ROLL BAR	KW9728-07
8	1	FLEXIBLE DUCTHOSE, 3.25" DIA	KW9728-09
9	1	DUCT ADAPTER/ FLANGE	KW9728-08
10	4	SCREW #4 x 3/4 "	KW9728-10

SIDE NOTE

KWT recommends that you apply a layer of waterproof grease, such as made by Bel-Ray or Super Lube, on the inside flange of the stock air filter to keep dust from bypassing the seal.



PARTICLE SEPARATOR X2 P/N: 20-6000 INSTALLATION INSTRUCTIONS (CONTINUED)

ONGOING MAINTENANCE

Your Particle Separator requires very little if any maintenance depending on where you drive; however, you should check to make sure the opening on front of the Particle Separator is not blocked by mud or other debris each time you exit the UTV. To clean your Particle Separator, review the cleaning instructions below. Cleaning should take place if the clear Sight Glass located on the underside of the Separator is showing dirt over the entire clear portion of the Sight Glass.

CLEANING INSTRUCTIONS

To clean the KWT Particle Separator push in the three buttons located on the bottom to release the dirt collection tray. Empty the dirt by taping it out. Install the tray in place starting from the back. Squeeze the dirt collection chamber onto the filter until hearing an audible click. Repeat for the two front buttons. To ensure the dirt collection tray is securely fastened, gently pull down on each of the three corners to make sure no gaps are visible.

