



PARTICLE SEPARATOR X2

www.kwtfilters.com

P/N: 20-5000

Approx. Install Time: 0 Hrs 30 Min

INSTALLATION INSTRUCTIONS

VEHICLE TYPE

Year: **2018**
Make: **Textron**
Model: **Wildcat XX**
Engine: **998cc**

TOOLS REQUIRED

- 3/16" Hex Key (Allen Wrench)
- 1/8" Hex Key (Allen Wrench)
- Phillips Screwdriver
- Wire Cutters
- 3.75 diameter Hole Saw or Dremel Tool

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.



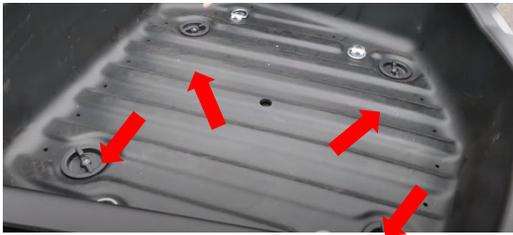
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INSTALLATION INSTRUCTIONS

STEP 1. The preferred placement for the Particle Separator (1) is nearest to the engine 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. Our 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



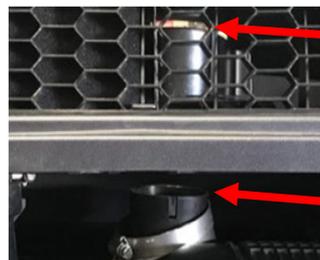
STEP 2. Loosen the four (4) hand screws in the recessed cups holding down the cargo bed. Remove cargo bed and set aside. Remove the intake cover by sliding the cover toward the rear of the vehicle. Set the cover on a sturdy surface.



STEP 3. Measure across the long way of intake cover and mark at 15". From the 15" mark measure across the intake cover and mark with pen at 3 3/8". Where the two measurements intersect is the middle point for the intake hole. Cut a hole using a 3.75" diameter hole saw. Install included rubber stripping around the hole on the panel. Ensure to reinstall air intake cover onto vehicle before you proceed to STEP 4.



STEP 4. Uninstall the OEM rubber coupler from the air intake box and install the KWT coupler (8) on to the air intake box. Take the duct adapter (8) and place through the air intake cover hole and install onto the coupler (8). Tighten both hose clamps (2) on the top and bottom of the coupler.



Duct Adapter



KWT Coupler



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STEP 5. Use 1/8" Hex Key to unscrew bolt and remove from Roll Bar Clamp (7). Install Roll Bar Clamp onto roll bar being careful to wrap roll bar with protective tape to avoid scratching the roll cage. Insert Metal Bracket (5) into the on the Roll Bar Clamp (7), then insert Roll Bar Clamp (7) screw into the Roll Bar Clamp (7) and tighten. Do not fully tighten. Clamp should rotate freely and will be fully tightened later in assembly. After Roll Bar Clamps (7) are installed, measure gap between the Metal Brackets (5) and set at 9.5 inches and tighten screw with 3/16" Hex Key.



STEP 6. For upper roll bar installations use Step 5 with Metal Brackets (5) facing down. 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" Hex Key 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.



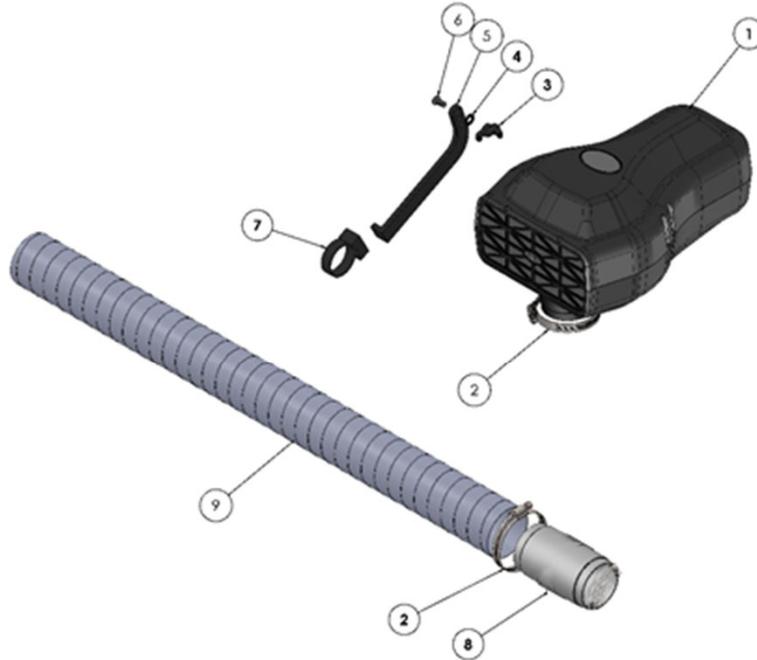
STEP 7. If necessary, cut excess off the Duct hose (9) with wire cutters for better fit. Insert a Hose Clamp (2) over one end of the Duct hose (9) and place over the Duct Adapter (8) and tighten. Insert a Hose Clamp (2) and the other end of the Duct hose (9) and place over the Particle Separator (1) intake and tighten with a Philips screwdriver, then fully Tighten screws on Metal brackets with 3/16" Hex Key.





PARTICLE SEPARATOR X2 P/N: 20-5000 INSTALLATION INSTRUCTIONS (CONTINUED)

EXPLODED VIEW / PARTS LIST



ITEM	QTY	DESCRIPTION	PART NUMBER	ITEM	QTY	DESCRIPTION	PART NUMBER
1	1	PARTICLE SEPARATOR	KW9728-01	6	2	SCREW 5/16-18x5/8	KW9728-06
2	2	HOSE CLAMP	KW9728-02	7	2	CLAMP, ROLL BAR	KW9728-07a
3	2	MOUNTING BRACKET	KW9728-03	8	1	INLET DUCT ADAPTER	KW9728-08
4	2	WASHER, 5/16 NORD-LOCK	KW9728-04	9	1	FLEXIBLE DUCT HOSE 3.25" DIA	KW9728-09
5	2	BRACKET, METAL	KW9728-05				

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 Box to keep dust from bypassing the O-ring Seal.

* Item 10 not shown on exploded parts List



PARTICLE SEPARATOR X2 P/N: 20-5000 INSTALLATION INSTRUCTIONS (CONTINUED)

ONGOING MAINTENANCE

Your KWT Particle Separator requires very little if any maintenance depending on where you drive. Always check to make sure the opening in 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. The dirt collection chamber should be emptied monthly. Intervals may increase as you increase riding miles.

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.

