



# PARTICLE SEPARATOR X2

[www.kwtfilters.com](http://www.kwtfilters.com)

**P/N: 20-3000**

**Approx. Install Time: 0 Hrs 30 Min**

## INSTALLATION INSTRUCTIONS

### VEHICLE TYPE

Year: **2020**  
Make: **Honda**  
Model: **Talon**  
Engine: **1000**

### TOOLS REQUIRED

- 3/16" Hex Key (Allen Wrench)
- 5mm and 6mm Hex Key (Included)
- Phillips Screwdriver
- Wire Cutters
- 3.25 Diameter Hole Saw and Drill

## 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.**



# PARTICLE SEPARATOR P/N: 20-3000

## 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. 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), remove the plastic body parts, air filter compartment cover and stock air intake from the vehicle.

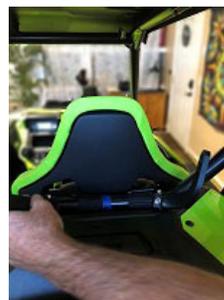


*SEE EXPLODED VIEW ON PAGE 4 FOR ASSOCIATED ITEM PART NUMBERS*

**STEP 2.** Insert the Duct Adapter (9) inside the vehicle's air intake, place the Hose Clamp (2) over the end of the Flexible Hose Duct (8). Insert Flexible Hose Duct over the Duct Adapter (8) and tight Hose Clamp (2) with a Phillips screwdriver. Measure the center of the panel adjacent to the stock air filter compartment. Cut a hole using a 3.25" diameter hole saw. Install included rubber stripping around the hole in the panel. Insert Flexible Hose Duct (9) from the air intake area through the panel hole.



**STEP 3.** Put the air filter box cover back into place. Use Hex Key provided to unscrew nuts and bolts from Roll Bar Clamps (7), add included rubber tape on the inside of the Clamp. 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 provided screw. After Roll Bar Clamps (1) and Metal Bracket (5) are installed, measure gap between the Metal Brackets (5) and set at 9.5 inches and tighten roll bar clamps and metal brackets.



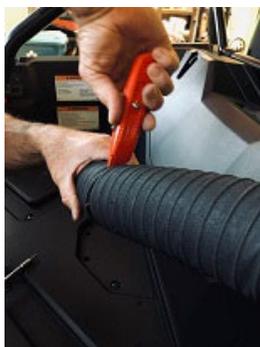


# PARTICLE SEPARATOR P/N: 20-3000 INSTALLATION INSTRUCTIONS (CONTINUED)

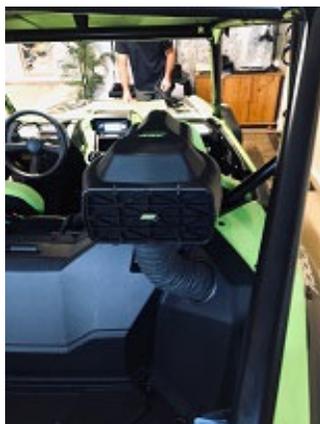
**STEP 5.** Install Particle Separator (1) onto the Metal Brackets (5) on the left and right side using Screw (6) and Washer (4) and a 3/16" Hex Key to tighten. Washer **MUST** be between the Metal Bracket (5) and Particle Separator (1). If the washer is placed under the head of the Screw (6) the Particle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



**STEP 6.** Measure Flexible Duct (9) to Particle Separator (1) inlet, if necessary, cut excess off the Flexible Duct (9) with wire cutters for better fit. Insert the Hose Clamp (2) over the end of the Flexible Duct (9) that is sticking out of the air intake panel. Place the Flexible Duct (9) over the Particle Separator (1) intake and tighten Hose Clamp (2) with a Philips screwdriver. Once completed replace all side plastics back onto the vehicle.



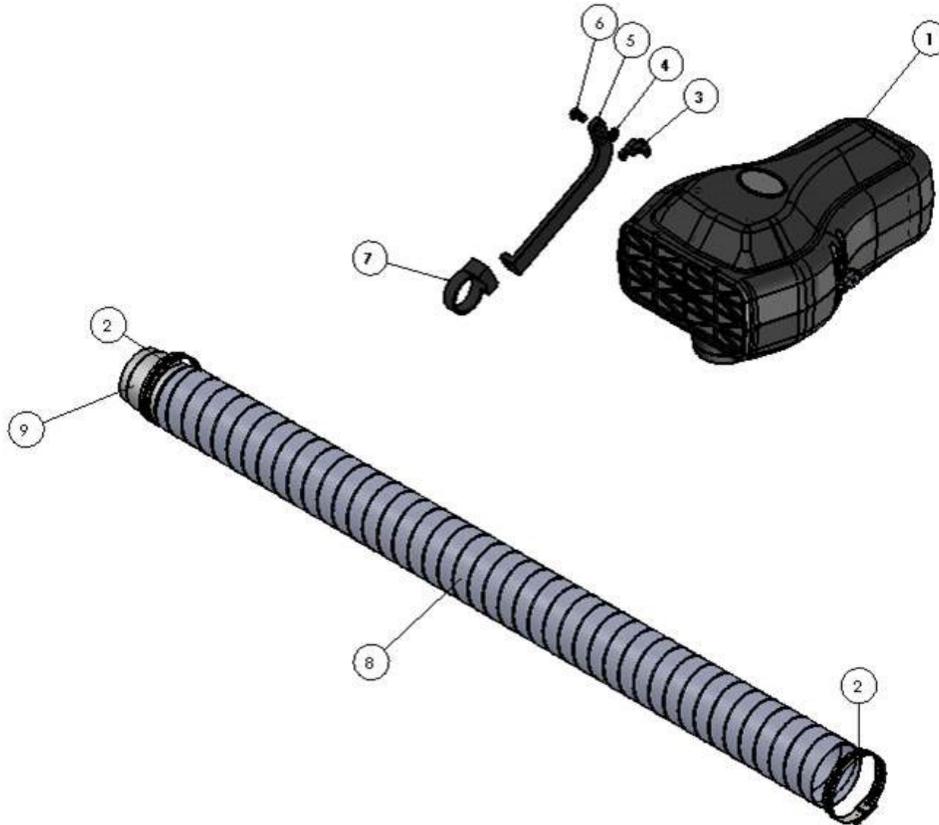
## Completed Install Pictures





# PARTICLE SEPARATOR P/N: 20-3000 INSTALLATION INSTRUCTIONS (CONTINUED)

## EXPLODED VIEW / PARTS LIST



ITEM	QTY	DESCRIPTION	PART NUMBER
1	1	PARTICLE SEPARATOR	KW9728-01
2	2	HOSE CLAMP	KW9728-02
3	2	MOUNTING BRACKET (Pre-install on Item 1)	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 1.5"	KW9728-07
8	1	FLEXIBLE DUCT, 3" x 36"	KW9728-09
9	1	DUCT ADAPTER (no flange)	KW9728-08
10*	1	5mm and 6mm Hex Key	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.

\* Item 10 not shown on exploded parts List



# PARTICLE SEPARATOR P/N: 20-3000 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 tapping 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.

