

Bulletin 304

Instructions for installing the Series 9000 Precleaner on the Cat Turbine Track Type Tractors--D6H-D11R

1. Make sure the correct air precleaner model has been selected as follows:

TRACTOR	PRECLEANER	Flange Adapter Kit
D6H/R	Sy-Klone 9002	CF5000-2
D7H/R	Sy-Klone 9002	CF5000
D8N	Sy-Klone 9003	CF8000
D8R	Sy-Klone 9003	CF8000-2
D9N/R	Sy-Klone 9003	CF8000-3
D10N/R	Sy-Klone 9004	CF8013-2
D11N/R	Sy-Klone 9003	CF7000

Installation Kit contains one (1) flange adapter (NOTE: Some of the kits contain a 2 part flange adapter), one (1) rubber damper (for models D8N&R, D9N&R, and D11N&R), muffler plug, four (4) bolts & washers, and these instructions. NOTE: For D11N&R tractors, two- (2) installation kits and two- (2) air precleaners are required.

2. Remove prescreen from top of tube body by loosening the clamp that holds the screen to the Tube Body.

3. Loosen the band clamp that holds the rubber elbow or hump hose on to the bottom of the tube body.

4. Remove the crossover tubing from the tube body and the muffler ejector connection by loosening the clamp on the tube body end and the connection on the muffler.

5. On the D8N&R, D9N&R, D10N&R, and the D11N&R tractors, install the gasket and cover plate on muffler ejector flange. We recommend applying antisieze compound on bolt threads before installation. Tighten the bolts to a torque of 38 to 56 N-m (28 to 41 lb-ft.)

6. On D6H&R and D7H&R Tractors, block off ejector tube at muffler.

7. Un-bolt four (4) bolts holding tube body to tractor hood and remove tube body from Tractor. With bolts removed, lift straight up on tube body until tube body clears the hood of the tractor. Dispose of tube body.

8. Optional inspection of tube body: With tube body removed from tractor, cut open side of tube body for inspection. (Note: The tube body will not be re-useable.)

If tube body is plugged with debris, you will know that very little precleaning was taking place. Report the plugged tube body to your CAT PSSR. The Sy-Klone or Cat Turbine Air Precleaner you purchased will not plug with debris and will give you years of maintenance-free life.

For Technical Support, contact Sy-Klone at 1-800-351-8265 or 904-448-6563. You can also visit our website at www.sy-klone.com or e-mail to Support@sy-klone.com

9. If your kit includes two (2) flange adapters, take the yellow adapter and place the round tubing end through the hood until the flange rests on the hood. If your kit has a one (1) piece adapter, take the shorter end of the flange adapter and place it through the hood until the flange rests on the hood.

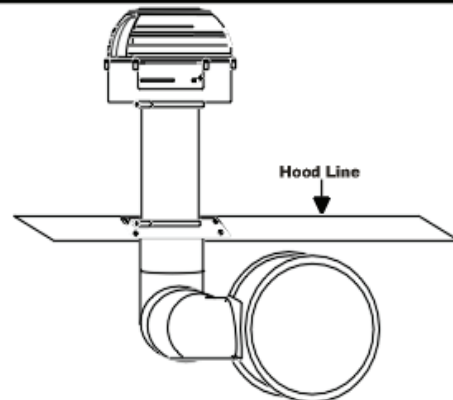
10. Take the longer flange adapter and place the precleaner onto the pipe. On the kits with the one flange adapter, place the air precleaner on the adapter extending above the hood. On the D8N&R, D9N&R, and the D11N&R tractors, install the rubber damper into the throat of the air precleaner outlet. Then place the assembly onto the flange adapter.

11. Tighten the clamp that holds the air precleaner onto the flange adapter and on the two adapters, place the flange portion of the adapter over the flange adapter extending down into the hood. Make sure that both flange adapter surfaces are clean to insure a good sealing/mating surface. Align the four- (4) boltholes on the flanges with the boltholes in the hood. Install the bolts & washers. Tighten the bolts to a torque of 38 to 56 N-m (28 to 41 LB-ft).

12. Connect the rubber elbow or hump hose to the bottom of the new adapter. Position the band clamp and tighten. Make sure the connections are tight between the flange adapter and the air filter housing.

13. Replace air filters, check restriction gage, and replace if not functioning correctly. Start tractor and put engine under full load for 10-15 seconds. Bring engine RPMs to idle and check restriction gage. If the restriction reading is okay, tractor is ready for use. If it is too high, call Sy-Klone at 1-800-351-8265.

FINAL INSTALLATION SHOULD LOOK LIKE ILLUSTRATION BELOW.



WARNING! Do not attempt to install, remove, or inspect unit while engine is running. Do not insert objects into open areas while in operation.