

## Series 9000<sup>®</sup> Precleaner Adaptation Kit for Donaldson SSG & SRG Filter Housing Models: G 200086, G200087, G 290052, G 290053, G290057

Sy-Klone part numbers: IN0077  
One kit is required per filter housing.



### Purpose:

Air filter life is directly related to the amount of debris ingested through an engine's air intake. Installing a Sy-Klone Series 9000 Air Precleaner as the first stage of an air intake system prevents the majority of heavier-than-air particles from entering the system. This results in longer air filter life, more efficient engine performance and decreased maintenance expenses. While routine cleaning and maintenance is not required, it is recommended that you perform periodic inspections. See the Video Library on [www.sy-klone.com](http://www.sy-klone.com) for a demonstration.

### NOTE:

The Sy-Klone Precleaner should always be installed with the machine turned off.

### Replaceable Parts:

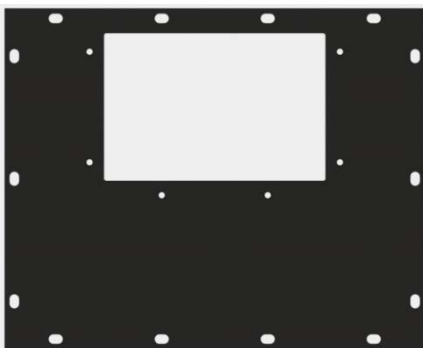
Stock code	Description	Quantity
AD0139	SSG ADAPTER PLENUM	2
AD0140	SSG ADAPTER CENTER PLATE	1
AD0141	SSG ADAPTER PLATE	2

### Also included in kit:

Description	Quantity
RTV SILICONE TUBE	2
M10 X 1.5 X 25 BOLT	40
M10 NUTS	28
M10 WASHER	68
M10 LOCK WASHER	40

**REQUIRES TWO 8-INCH SY-KLONE PRECLEANERS SOLD SEPARATELY.**  
Purchase according to airflow requirements per filter housing:

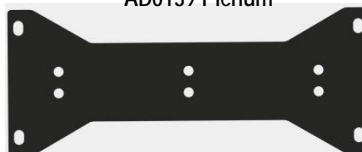
9003 (2) – 1600-2300 CFM  
9004 (2) – 2300-2800 CFM



AD0141 Adapter Plate



AD0139 Plenum



AD0140 Center Plate

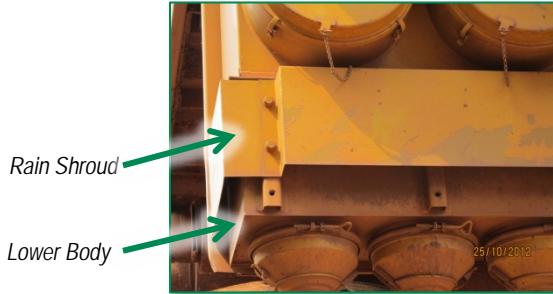


8-Inch Precleaner  
(Sold Separately)

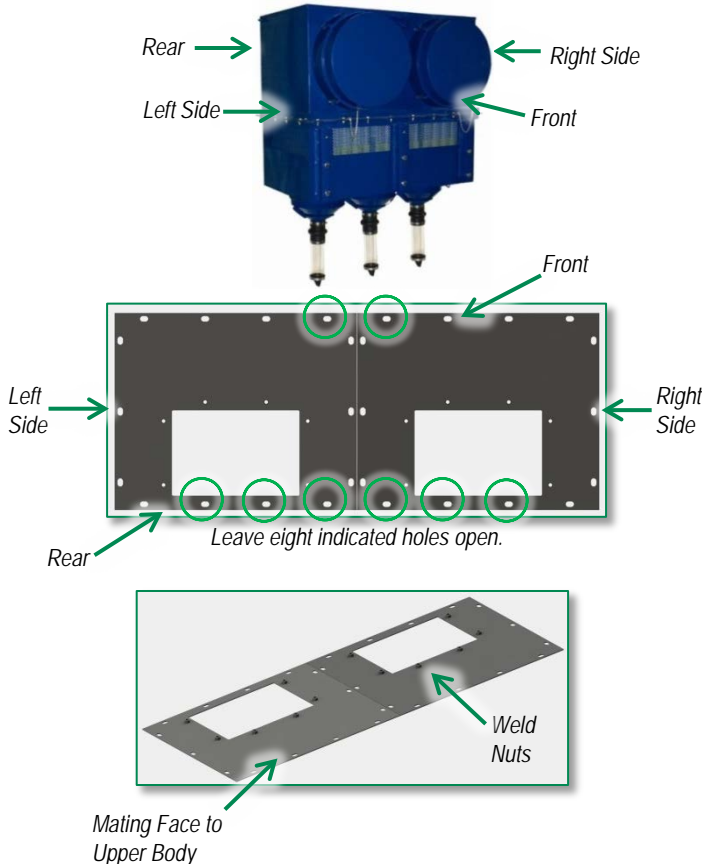
# Series 9000 Precleaner Installation Kit for Donaldson SSG & SRG Filter Housings

## PRECLEANER INSTALLATION:

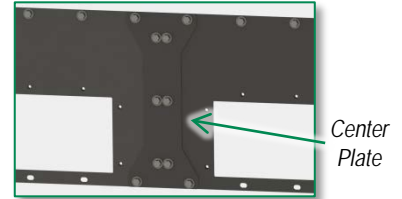
1. Shut machine down and turn off master power switch.
2. Remove rain shroud from filter housing.
3. Remove lower filter housing body. Discard appropriately.



4. Remove any remaining body gasket strips from upper body and clean surface.
5. Apply a bead of RTV sealant to the mating face (bottom) of the upper body.
6. Install AD0141 adapter plates on upper body. Secure adapter plates with M10 bolts (14), M10 washers (28), M10 lock washers (14), and M10 nuts (14). Leave the 8 holes marked below open. Orientation detailed below. **Note:** The weld nuts should be inside the filter housing and the large openings towards the rear.



7. Apply approximately a ¼ inch bead of RTV sealant to each side of the seam between the two AD0141 plates.
8. Secure AD0140 center plate to the upper body and adapter plates with M10 bolts (10), M10 washers (20), M10 lock washers (10), and M10 nuts (10).



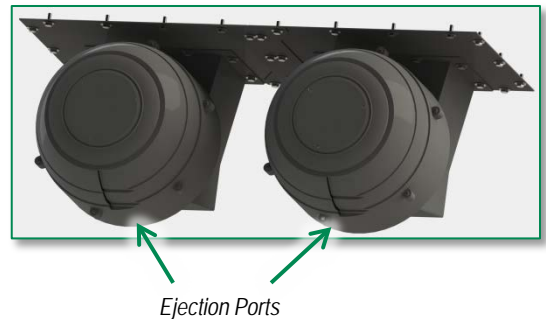
9. Apply a bead of RTV sealant to the mating face (bottom) of the AD0139 plenum.



10. Secure a plenum to each adapter plate with M10 bolts (16), M10 washers (20), M10 lock washers (16), and M10 nuts (4).



11. Install 8-inch precleaners and secure with 91388 clamp assemblies. Orient precleaner ejection ports to lowest point.



**Technical Support**  
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