

### F Series Cyclopac™ and Cycloflow™ Service Procedure

MEDIUM DUST

#### 1 Measure Restriction

Measure the restriction of the air cleaner with a Donaldson restriction indicator, such as The Informer™, a service gauge, or water manometer at the restriction tap provided in the air cleaner or the transfer pipe.

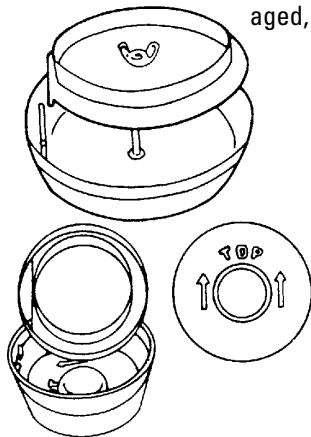


One of two conditions will exist:  
 (1) If the reading indicates the maximum restriction (per engine manufacturer's recommendations), change out the filter.

(2) If the reading shows below the maximum, the filter still has life left and should not be serviced.

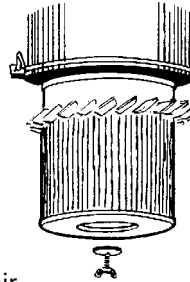
#### 2 Empty the Dust Cup

Dust should not be allowed to build up closer than one inch from the baffle. On models equipped with a Donaldson Vacuator™ Valve, dust cup service is cut to a minimum; all that is necessary is a quick check to see that the Vacuator Valve is not inverted, damaged, or plugged.



#### 3 Change the Filter

When restriction indicates that filter servicing is required, loosen the wing nut and remove the primary filter. Before installing the new filter, inspect the filter and gasket for shipping or storage damage. Wipe out the housing with a clean cloth. Carefully install new filter, wing nut and sealing washer.



Always use Donaldson replacement filters, which have been engineered to fit the air cleaner and engine intake system exactly.

#### 4 Cover the Inlet

Don't leave the air inlet exposed! If the new filter won't be installed immediately, cover the opening to prevent stray contaminant from entering the induction system.

#### 5 Safety Filter Service

For maximum engine protection and air cleaner service life, replace the safety filter every third primary filter change or as indicated by the Donaldson Safety Signal® service indicator.



#### 6 Reinstall the Dust Cup

Be sure the dust cup is sealed 360° around the air cleaner body. Reset the restriction indicator to green.

#### 7 Check Connections

Ensure that all connections between the air cleaner and the engine are tight and leak-free.