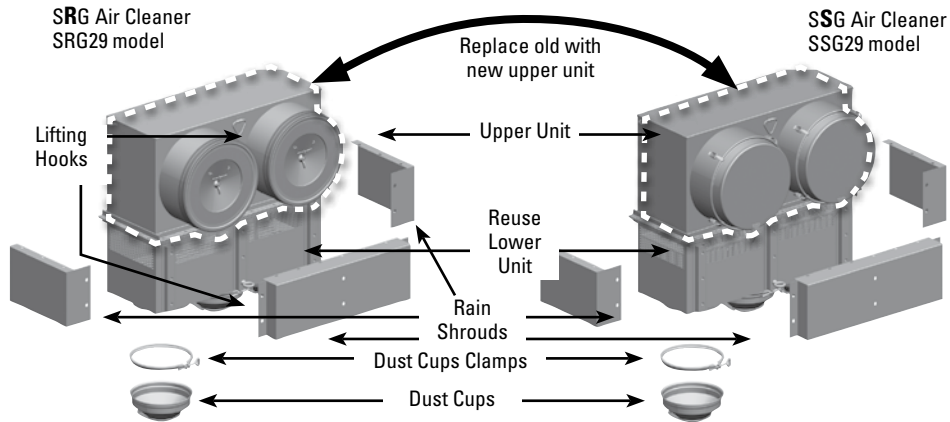




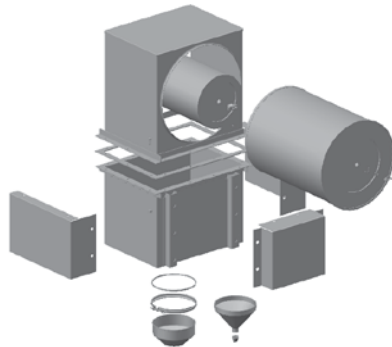
Donaldson
FILTRATION SOLUTIONS

Air Cleaner Conversion Kit

Convert an SRG Style to SSG Style



SRG Air Cleaner
SRG20 model



SRG Air Cleaner Part No.	Outlet Size & Type	Kit Number	New SSG Assembly Part No.
G200008	8" / 203 mm single	X009702	G200087
G200013	10" / 254 mm single	X009701	G200086
G290023	8" / 203 mm dual	X009230	G290052
G290000			
G290012	10" / 254 mm dual	X009231	G290053

Converting to the SSG housing will simplify your routine filter service – no more separate gaskets at each filter change. The SSG upper assembly uses filters that have a soft urethane end cap with an integral radial seal. Radial seal filters provide a more reliable, consistent seal compared to the older filter design. High efficiency filters are available for the SSG housing style through your local Donaldson distributor.

The finish on the unit is a heavy-duty, white, powdered-coated paint. If it's important that the color of the upper unit match your existing lower unit, you may want to paint the new unit BEFORE beginning the procedure.

This procedure requires that you remove the entire air cleaner assembly from the vehicle. Because these units are heavy, you will need a mechanical lifting device available to support and move the units during disassembly and reassembly.

The images shown on this document are for our SRG29 model. If you're converting an SRG20 model, the steps are the same.

Kit Installation Instructions



WARNING!
Air Cleaner Assembly is Extremely Heavy

To prevent personal injury while conducting this procedure, use a mechanical lifting device and the lifting hooks on the air cleaner housing. Do not attempt to move the upper assembly of both old and new unit alone. Remove the filters from units to reduce overall weight.

The old air cleaner must be removed from the vehicle and placed on a solid, ground level surface or workbench to perform this procedure.

Conversion Kit	On-Vehicle Air Cleaner
SRG 29 kits 300 lb	770 lbs (est.)
SRG 20 kits 188 lb	380 lbs (est.)

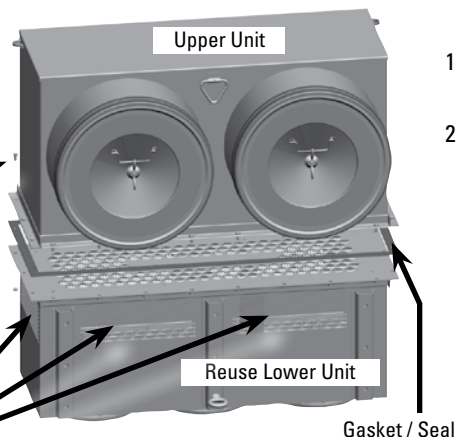
NOTE

Check Your OE Service Manual Before Starting!

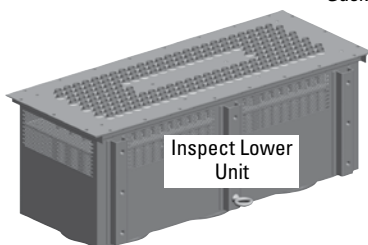
Follow the OE service instructions to safely remove your SRG Air Cleaner from the equipment being serviced. Use these instructions if they are not available from the original manufacturer of the vehicle.

SRG29 Model From Vehicle

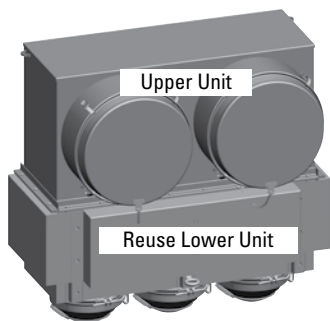
Remove Old Bolts & Nuts from all 4 sides to separate upper unit from lower unit.



Air Cleaner Inlet (Perforated areas on all sides of lower unit)

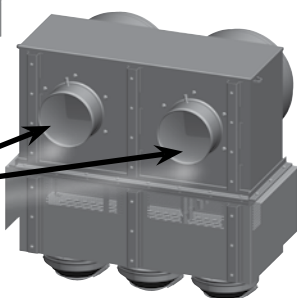


Front View of Air Cleaner



Back View of Air Cleaner

Outlet Duct (ships with red protective caps).



1. To reduce the weight of the existing upper unit, remove and dispose of old filters.
2. Remove the existing air cleaner housing from the vehicle. To prevent damage to the rain shrouds or dust cups, remove them before disassembly from the vehicle.

Make sure the air cleaner housing is securely fastened to a mechanical lifting device with the lifting hooks before loosening the assembly from the vehicle.

As you disconnect the intake tubing from the air cleaner connections, cover any exposed openings in the tubing and the intake restriction hose to prevent contaminant from entering the engine compartment during this conversion.

	CAUTION! To protect the engine intake compartment cover any exposed inlet ducts and cap the restriction indicator hose to prevent dust from entering the engine during the procedure.
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3. With air cleaner unit upright and in a stable position on the ground or on a workbench, remove the bolts (all four sides) that join the upper and lower units. Separate the upper unit from the lower unit.
4. Inspect the lower housing for any cracks or deformations that require repair. Refurbish by welding, cleaning and repainting as necessary. Remove any old gasket material, make sure the gasket surface is clean and free of any defects that would result in air leaking.

	CAUTION! Use caution if any welding is required, excessive heat can damage the internal plastic separator tubes.
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5. The upper unit ships with the filters installed. To reduce the weight, remove and inspect them for damage. Do not install if damaged.
6. Apply four new adhesive-backed gaskets to top surface of the lower unit.
7. Lift (using the lifting hooks) and position new upper unit in the same orientation as the old upper unit. Install the new bolts/nuts supplied. Tighten bolts/nuts randomly to 20 ft. lbs. Retighten all bolts to 25 ft. lbs.
8. Install new filters into the upper unit and secure service cover.
9. Reinstall the air cleaner housing on the vehicle. Remove any covers applied to the intake tubes and remove the red shipping outlet cap plugs from back side of air cleaner BEFORE reconnecting the intake ducts.
10. Reconnect the intake ducts, tighten clamps and reconnect the restriction indicator hose and reset air restriction indicator.
11. Re-install optional rain shrouds and dust cups. You may want to replace the dust cup seals and Vacuator Valves (if equipped).
12. Inspect and replace any other induction system components as necessary.
13. This unit accommodates a newer style primary and safety filter, make sure to update your vehicle service records to reflect the new part numbers. The safety filter on this unit does not use a SafetySignal™, make sure to change the safety at every third primary filter replacement.

TIP!



Save Maintenance Time and Extend Filter Life Replace Your Dust Cups with Dumpa!

Dust Dumpa is a direct replacement to our dust cups. You can greatly reduce, if not eliminate, the routine step of emptying the dust cup - two models available X006561 [left] and X006562 [right].



Donaldson

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