

## AIR CLEANER CARE / SX-175

The carburetor air cleaner not only needs regular attention as specified in the Owner's Manual to maintain operating efficiency, but under dusty operating conditions will require additional measures to prevent entry of dirt into the engine.

1. Be sure that gasket around the opening for filter does not have a gap where the ends meet. The ends should butt together tightly. Also see that it is cemented tightly to the cleaner housing.
2. When installing the cover, be sure that the two tubes on cover are located so that they line up with the bracket (with tubes on each side of bracket). If this is not done, the cover will be held away from housing.

NOTE: Later production will have matchmarks on cover and housing to simplify correct assembly.

3. When tightening cover wing nut, be sure that BOTH filter element sealing lip AND rubber gasket on housing are compressed. This will require additional wing nut tightening after the filter lip is contacted in order to also contact the rubber gasket its entire circumference around the opening.
4. Be sure that there is no looseness around the rubber boot connections at the carburetor and air cleaner. To be certain connections remain tight, we suggest installing a metal "band and saddle" screw type clamp at these locations,

Small 2" clamp, H-D part No. 9951  
Large 2½" clamp, H-D part No. 9991A

or cement the boot on air cleaner end only using silicon rubber adhesive sealer (such as GE RTV) and use clamp at carburetor end.

5. Install a small sheet metal screw to plug the drain hole at the bottom of the filter housing. Since this drain hole was originally intended to prevent an accumulation of water, it is suggested that the housing be checked for this periodically when under very wet operating conditions.