



## BTI SpinFlow Air Filter System

**Filter Element Inspection Procedure** – BTI recommends that in a tractor/pneumatic tank trailer application the SpinFlow filter element be inspected on a weekly basis and changed at least every 12 months.

**CAUTION: Do not service filter canister while under pressure. Make sure to remove caps and hoses before opening lid.**

For BTI SpinFlow filter element part number **BTA-PEL16SS**

The following inspection procedure must be implemented in order for the product warranty to be in effect. Any change or deviation from this procedure voids the BTI product warranty and removes BTI from any contamination liability.

- Remove disconnect Safety Pin, unlatch Cam Hook and open lid.
- **CAUTION: Open slowly and listen for pressure.**
- Pull the element completely out of the assembly housing.
- Carefully look into the housing at the bottom gasket and guide plates.
- Check to see if the white bottom gasket is in place and clean. Replace if missing, broken or damaged. Clean the housing if dirty.
- Check the inside of the sidewall of the housing for oil residue and small particles. Remove with clean cloth, steam, or cleaning device of choice.
- Carefully inspect the outer surface of the filter element by looking into the pleated area for very dark color media, oil or grease residue, fiberglass fibers, and caked on product. If this surface appears to have heavy deposits of contaminants such as metal, iron oxide or caked on product, and/or the element has been in service for twelve months it should be replaced.
- Turn the element up on its end where you can look down into the open end. Use a light or flashlight, if needed. Carefully look at the sides of the element.
  - If the expanded metal core and/or media show signs of deterioration replace immediately
  - If the expanded metal core and/or media do not show signs of deterioration, but has been in operation for 12 months, replace filter immediately.
  - If product is caked up inside this area, replace immediately.
  - Check the date on top and if the element has been run longer than 12 months replace immediately.
  - **NOTE: Whenever filter is changed replace both bottom gaskets.**
- Inspect lid gasket and replace if damaged.
- Inspect pressure plate and spring in lid and replace if necessary.