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| Group: | 47-Brakes |
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TECH TIP

2011MY – 2015MY Bendix® Air Dryer Service

SUBJECT VEHICLES:

2011 through 2015 model year NJ8J, and NV8J conventional trucks.

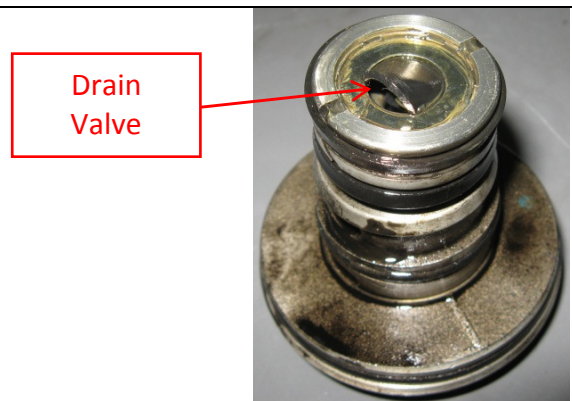
Note: This technical tip is provided as technical information and is not authorization for a warrantable repair.

CONDITION:

The Bendix® AD-IS (P/N: K154348) air dryer on air brake equipped vehicles contains several serviceable components. This replacement purge valve can eliminate the need to replace the whole air dryer assembly. These serviceable components include a valve, dryer heater, and governor. These specific components can be replaced while the air dryer is installed in the vehicle.

WARNING: Always ensure the dryer purge reservoir and all other air reservoirs on the vehicle are depressurized before servicing.

CAUTION: Do not place your hand or other objects under the purge valve while the vehicle is running. If airflow from the purge valve is blocked during a purge cycle, damage to the internal drain valve will occur resulting in a leak and will require purge valve replacement. A purge cycle lasts 30 seconds after the initial burst of air is heard. The image to the right illustrates drain valve damage.



Information regarding the operation and servicing of the Bendix® AD-IS air dryer can be found in the Service Brake(Full Air Brake) section of the Chassis Workshop Manual. A diagnostic table is provided to determine the root cause of an air system concern. The following service parts are available to repair the air dryer:

| Part Number | Description |
|-------------|-----------------------------------|
| K022105 | Purge Valve Assembly |
| 109495 | 12 Volt Heater and Thermostat Kit |
| 5004049 | Governor/Delivery Check Valve Kit |