

MERITOR WABCO

SERVICE PARTS INSTRUCTIONS

Using an Alcohol Evaporator with the Meritor WABCO System Saver 1000, 1200 and 1200E Series Single-Cartridge Air Dryers

The Meritor WABCO System Saver 1000, 1200 or 1200E Series Air Dryers use air from the vehicle's reservoir tanks to regenerate the desiccant. A check valve installed

- in the bypass line around the evaporator,
- in the air line between the dryer and the supply (wet) tank, or
- in the body of the alcohol evaporator

can restrict airflow from the supply (wet) tank to the air dryer. If airflow is restricted, the dryer cannot purge completely or dry system air properly.



CAUTION

If an alcohol evaporator is installed between the System Saver 1000, 1200 or 1200E Series Air Dryers and the supply (wet) tank, you must install a bypass line without a check valve around the evaporator. The bypass line must be free from any restriction valves, so air can flow freely from the supply (wet) tank to the air dryer to allow the dryer to purge completely and dry system air properly.

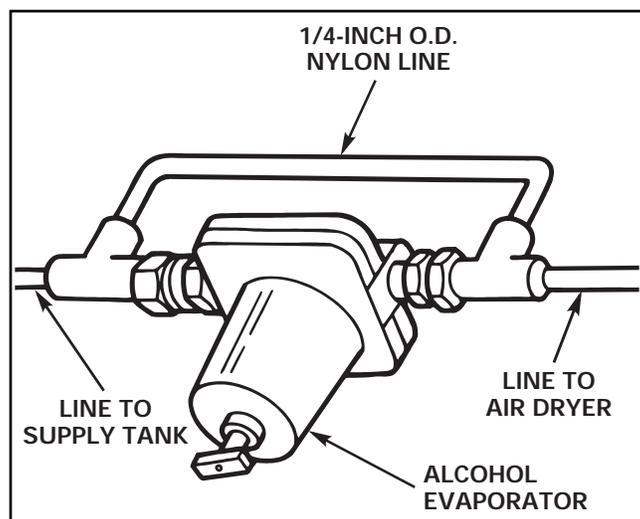
Check the Vehicle's Air System for an Alcohol Evaporator

Typically, an alcohol evaporator will be installed in the line between the air dryer and the supply (wet) tank. Common installations are on the truck's firewall, on a frame rail and behind the cab. However, an alcohol evaporator can also be found at other locations.

1. Check the vehicle's air system to determine if an alcohol evaporator is installed.

2. If an alcohol evaporator is installed in the air system:

- Check for a bypass line connected to the evaporator. (Refer to the illustration.)



3. If the bypass line is installed and includes a check valve:

- a. remove the check valve from the bypass line,
- b. remove the bypass line and
- c. replace the bypass line with 1/4-inch O.D. nylon line.

4. If no bypass line is installed at the alcohol evaporator:

- Install a 1/4-inch O.D. nylon bypass line. (Refer to the illustration.)

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