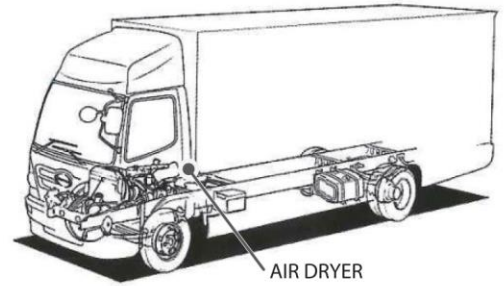


AIR DRYER REPAIR KIT



Function

Trucks and buses use air brakes as their brake system. The compressed air that is sent to the brakes contain moisture from the atmosphere and lubrication oil from the compressor's internal components. This moisture and oil can cause a variety of problems if they find their way into various components. The air dryer is responsible for removing this moisture and oil from the air.

The importance of maintenance

1) Aging degradation of the desiccant

The air dryer contains a desiccant to perform dehumidification. Repeated "dehumidification" and "regeneration" cycles eventually cause the oil contained in the compressed air to degrade the desiccant, gradually robbing it of its dehumidifying performance.



New



Use for 1 year



Use for 2 years

2) If you continue to operate your vehicle without proper maintenance. --- If you continue to use degraded desiccant.

Vehicles that have not been serviced properly may experience problems with their brake systems caused by degradation or damage to the brake components. In a worst case scenario, brake components may have to be replaced, which will result in extra costs for servicing, not to mention unforeseen costs that can result from problems caused by improper servicing such as accidents or your vehicle becoming inoperable.

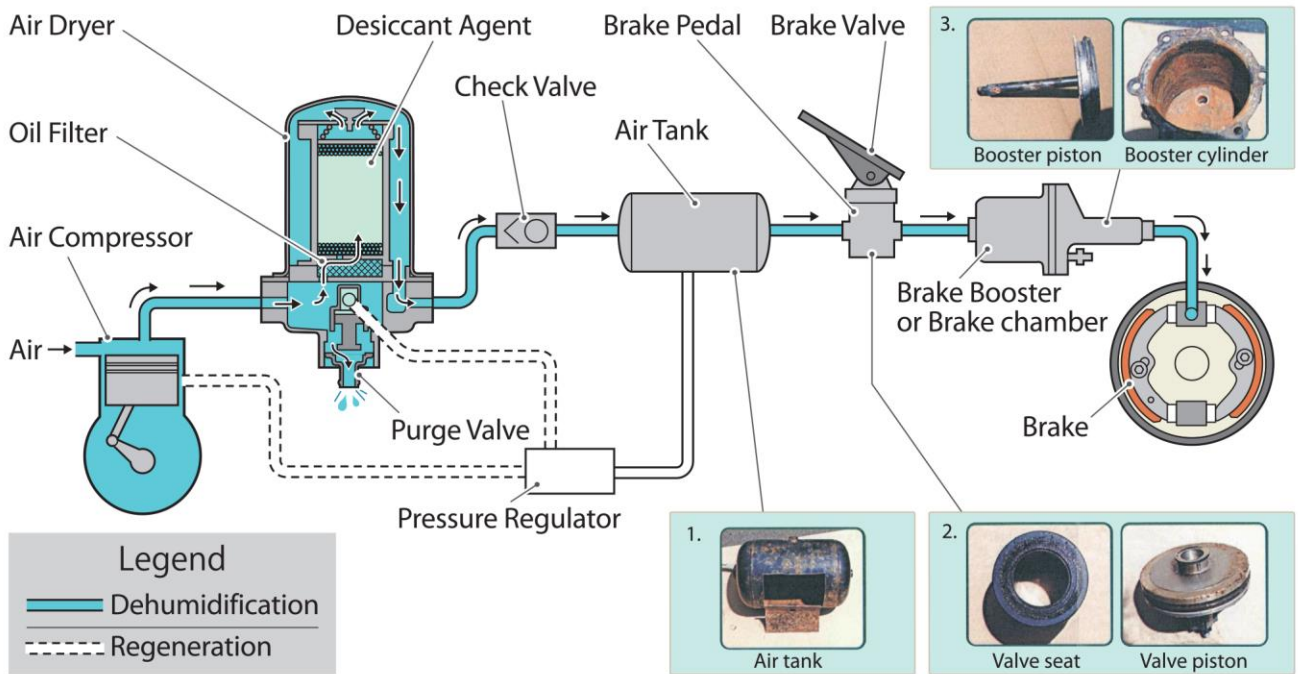
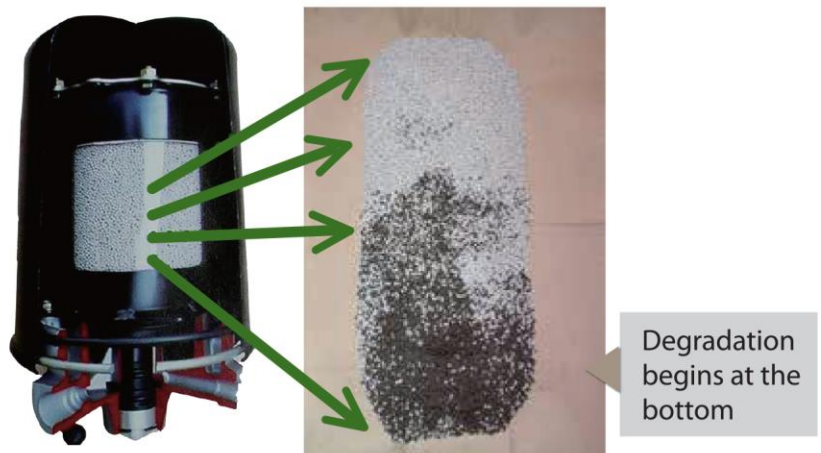


Fig.2 Airdryer & brake system

1. Moisture and oil accumulate in the air tank, stripping the coating inside the tank. A large amount of rust is produced, and this rust is sent with the air to the brake valves.
2. If rust sticks to the brake valve seat, it can cause the brake valve to stick and make your vehicle inoperable. The moisture and oil will rinse away the lubricating grease in the valve, impair valve piston movement, and consequently obstruct smooth braking.
3. The moisture and oil that has escaped into the brake booster will rinse away the grease. This will cause rusting, damage to the booster's interior, and impair braking performance.

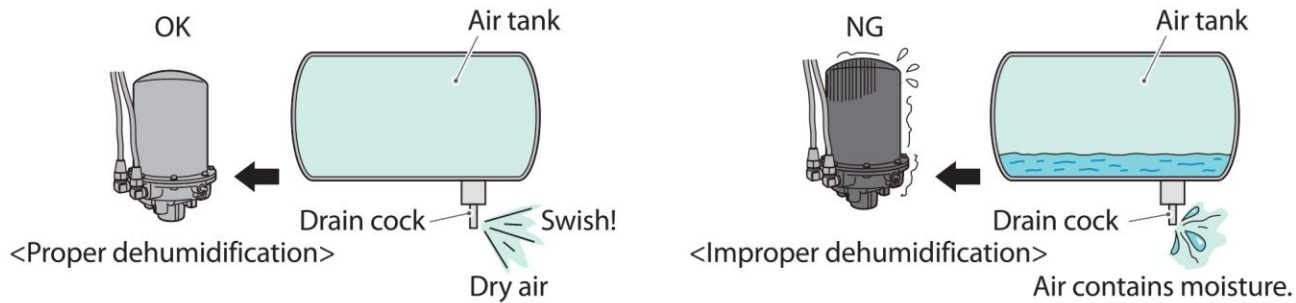
3) The need for periodic replacement

Desiccant degradation cannot be checked from the outside. And because degradation begins at the bottom, you cannot check for degradation by opening the desiccant chamber cover and visually checking it from above. As such, this is a part that must be periodically replaced.



4) The need for pre-operation inspections

When the air dryer's dehumidification performance begins to drop, moisture will begin to accumulate in the air tank. Before you begin your day, open the drain cock at the bottom of the air tank and check to see if any moisture has accumulated (Check to see whether the dryer is dehumidifying properly). Recommend to your customers to replace the air dryer if they notice anything unusual.



<Remarks : Unit of supply>

<p>Air dryer repair kit</p>		<p>This kit includes the air dryer's desiccant, filter, O-ring and other parts that are required for making periodic replacements.</p>
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