



NEW AIR DRYER INFORMATION

FOR NEWER TRUCKS INCLUDING MACK, VOLVO, AND FREIGHTLINER

If you're running a newer Volvo VNL, Mack Pioneer, or select newer Freightliner models, your truck's air system just got smarter - and a little different from what you're used to.

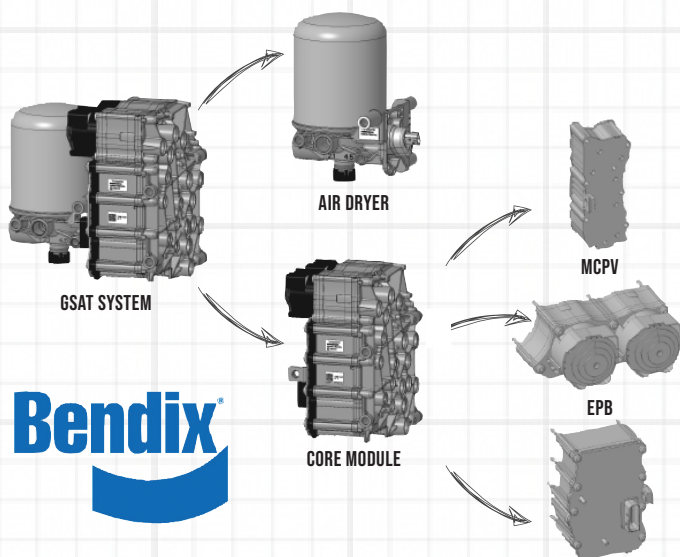
WHAT'S NEW ON SELECT LATE MODEL CLASS 8 TRACTORS

GSAT (Global Scalable Air Treatment) is Bendix's next-generation air management system, now standard on select late model trucks from Volvo, Mack, and Freightliner.

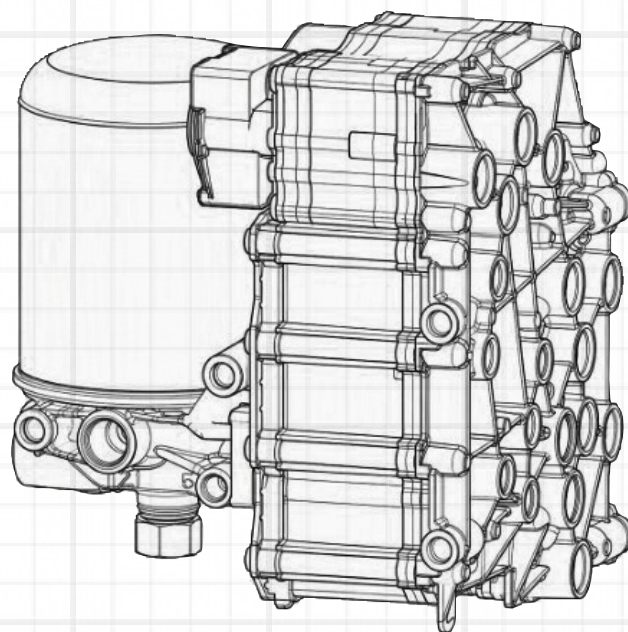
Instead of a standalone air dryer, GSAT combines your air dryer, air compressor management, and parking brake into one integrated, electronically controlled unit. This system provides many of the same functions as manual parking brake valves, but also provides advanced features not available with previous parking brake valves.

WHAT IS DIFFERENT?

The GSAT system is comprised of two components: the air dryer assembly and a core module. The core module is comprised of three sub-modules: Multi-Circuit Protection Valve (MCPV), Electronic Parking Brake (EPB), and Electronic Control Unit (ECU).



**IT IS NOT RECOMMENDED TO USE AIR LINE
ANTI-FREEZE OR ALCOHOL IN THE AIR SYSTEM ON
TRUCKS EQUIPPED WITH GSAT AIR DRYER SYSTEMS**



HOW DOES THE GSAT SYSTEM BENEFIT YOU?

- Smarter compressor charging means less wasted energy, which means better fuel economy for you
- Built-in electronic parking brake logic helps guard against the truck rolling if the brake isn't set
- More precise moisture and pressure control across the whole air system help extend component life

A FEW NOTES ABOUT THE GSAT SYSTEM

- This system requires coalescing cartridges (standard dessicant-only cartridges cannot be used)
- Two configurations are possible. **Attached** is a Bendix air dryer and Bendix core module combined into a single assembly. **Detached** is a Bendix (or third-party) air dryer and Bendix core module mounted separately on the vehicle
- Preventive maintenance is not required for the core module

WHAT DOES THIS MEAN FOR SERVICE?

This isn't a drop-in swap for an older-style air dryer. GSAT components are matched sets - the air dryer and core module have to be identical replacements. Putting the GSAT system in Workshop Mode to disable advanced features for servicing is recommended.

RECOMMENDED SERVICE KITS

Service kits to replace your air dryer cartridge are available from Mack, Volvo, or Bendix. Bendix recommends replacing the carbon filter when the cartridge is replaced. These kits include a coalescing air dryer cartridge, new o-ring, carbon filter, and grease packet.

BW K202673K57

BW K202686K57

BW 5009041PG

GSAT Air Dryer Cartridge Kit for Volvo

GSAT Air Dryer Cartridge Kit for Mack

GSAT Compatible Air Dryer Cartridge

