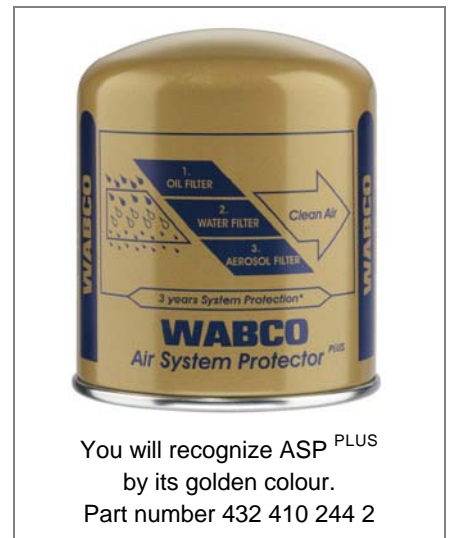


**Air System Protector PLUS**  
**The new generation of air brake system protection**

To improve safety, robustness and efficiency of commercial vehicles, WABCO developed the new Air System Protector <sup>PLUS</sup> (ASP <sup>PLUS</sup>). It offers maximum protection of the air brake system against oil, water and aerosols. With a recommended exchange interval of three years under normal conditions and highest air drying performance, the ASP <sup>PLUS</sup> sets a new standard in the cartridge market.

**Experience a new generation of air brake system protection:**

- Best drying performance with optimized design and new dual desiccant technology
- Unique double filter technology combining oil coalescing filters before and after the desiccant
- Recommended exchange interval: extended by 50%
- Applicable for all vehicles: a “must have” for vehicles with high air consumption



You will recognize ASP <sup>PLUS</sup> by its golden colour.  
 Part number 432 410 244 2

**Features:**

- Double filter technology: unique combination of oil coalescing filters before and after the desiccant bed ensuring optimal separation of large oil droplets and fine aerosols
- More desiccant: newly designed inner container allowing more desiccant in the space available
- Two layers of desiccant: use of two different desiccant characteristics ensuring best drying performance
- Stable drying and optimal oil separation performance is ensured over the exchange interval of the cartridge

**Benefits:**

- Increased safety and robustness
- Cartridge exchange interval is increased by about 50% or 3 years under normal conditions
- Less maintenance and repair costs for air dryer and brake system
- Less frequent vehicle down-time in workshops

**Versatility**

ASP <sup>PLUS</sup> is applicable for mechanical and electronic air dryers.

**Applications**

The ASP <sup>PLUS</sup> provides the most advanced air brake system protection for all vehicles in the market. In particular, the ASP <sup>PLUS</sup> is a “must have” for vehicles with high air consumption like city buses, distribution and garbage trucks as well as forestry, tank, construction and other special applications.

	Specification	WABCO Recycling Cartridge	WABCO Cartridge	WABCO ASP	WABCO ASP <sup>PLUS</sup>
<b>Application</b>	Distribution truck	-	-	+	++
	Long distance truck	+	+	++	++
	Truck / Trailer combination	+	+	++	++
	Truck / Trailer - high mileage	+	+	+	++
	Dump truck	+	+	++	++
	City bus	-	-	+	++
	Long distance bus	+	+	++	++
	Long distance bus - high mileage	+	+	+	++
	Waste collection truck	-	-	+	++
	Special vehicle (forestry, tank, construction)	-	-	+	++
<b>Performance</b>	Drying Performance	+	++	++	++
	Oil separation efficiency	-	-	+	++
	Aerosol separation efficiency	-	-	+	++
<b>Part numbers</b>	Up to 13 bar. M 39x1.5 right-hand thread.	432 410 222 7	432 410 020 2	432 901 223 2	<b>432 410 244 2</b>
	Up to 13 bar. M 39x1.5 left-hand thread.	-	-	432 901 245 2 New in Q2	
	Up to 13 bar. G 1 1/4" right-hand thread. Hexagon SW 30	-	432 410 927 2	432 901 228 2	
	Up to 13 bar. M 41x1.5 right-hand thread.	-	-	432 901 246 2 New in Q2	-
	Up to 20 bar. M 42x1.5 right-hand thread.	-	432 410 220 2	-	-

Always choose best functionality and highest quality to ensure safe vehicle operation.

For environmental reasons please return your old cartridge to WABCO.