

DIFFERENCES

with valve caps

Green valve caps

Often used to indicate that the tire is filled with nitrogen. Other colors are also used for special purposes.



9-300117

Valve extenders

Assist for easier valve access with twin tires or awkward rims.

DANGER:

Do not use metal extensions with snap-in valves!

This can be due to the increased weight and resulting centrifugal forces causing the valve to stretch and become damaged at high speeds.

For this reason there are special plastic extensions for car valves.



9-330770

Non-return valve cap V2B

A cost saving measure for commercial vehicles.- these vehicles especially need their tire pressure checked regularly. With up to 18 wheels per vehicle, hard to reach valves, heavy dirt and sub-zero temperatures, this is not so easy.

The Alligator non-return valve cap can help here seeing it does not need to be removed when filling or checking pressure thereby saving time and money.



9-330709



QUESTIONS?

Our ALLIGATOR Team will be happy to help!

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VALVE CAPS

An important safety element

GOOD VALVE CAPS

with built-in rubber seal

are the basic requirements for the long-term functionality of a valve.

ADVANTAGES

- Prevents dirt from penetrating the valve core - dirt particles that have penetrated can prevent the valve from closing after filling/checking the pressure and can lead to leakage.
- Prevents the ingress of moisture and thus corrosion and damage to the valve.
- No dust deposits inside the tire or inflation air, which could prevent the valve core from closing.
- Valve cap with built-in seal securely seals the valve and prevents gradual loss of pressure.
- Save costs with valve caps
 - 0.6 bar too little tire-pressure increases fuel consumption by 3% - 30%
 - Insufficient tire pressure halves the lifespan of the tyres



RECOMMENDATION BY ALLIGATOR EXPERTS:

Never use a tire valve without a valve cap!

REQUIREMENTS

for a good valve cap

Material: metal or high-quality plastic

- Can safely absorb assembly / pull-in forces
- Has the necessary strength for sealing
- Can be dismantled even under difficult conditions
- Does not soften or crack in warm temperatures



9-301500



9-093032



9-300500

Built-in rubber seal

- Seals against ingress of dirt and water
- Prevents corrosion of the valve core
- Takes over the sealing function should the valve insert start leaking

Corrosion protection

Nickel plated brass caps prevent corrosion of the valve thread.

Special designs

Aluminium and brass are not compatible > electrochemical corrosion.

- Therefore with aluminium valves e.g. with TPMS, only use the original aluminium or plastic valve caps.
- Beware aluminium caps with standard valves: Corrosion can cause the valve to seize up and dismantling by force can damage the valve.



Snap-In Valve with heavy corrosion and in new condition



9-590906



9-590904

Yellow	9-300116
Red	9-300119
Silver	9-300125
Black	9-300007
Blue	9-300118
Green	9-300117

