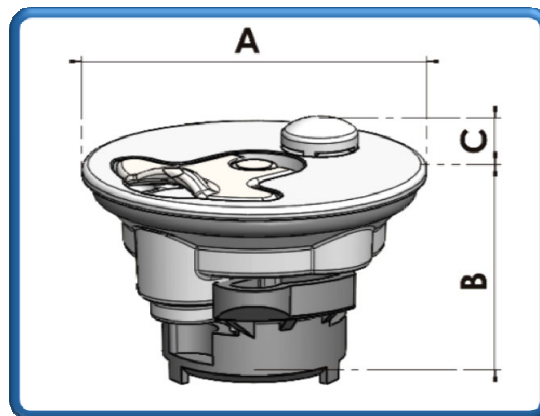




Aero 300

**A300 Fuel Filler Cap, Vented, Non-Locking, Silver.
Part Number: CA-AA-146 (A3SRV)**



Options:

Part Description

A300 Fuel Filler Cap, Vented, Locking, Silver.
A300 Fuel Filler Cap, Vented, Non-Locking, Black
A300 Fuel Filler Cap, Vented, Locking, Black

Part Number

CA-AA-147
CA-AA-148
CA-AA-149

Specifications:

Fixing Arrangement:

Applications:

Compatibilities:

Valve Airflow Limits:

Finish:

Weight:

Supplied With:

Designed Flange & Neck Adaptors

Track Day/ Off Road Vehicles/ General Applications
Compatible with standard fuels (Contact us if unsure)

Operation Temperature -40°C to +80°C

5l/min Air Out Before Shut/ 25l/min Air in Max. Flow

Anodised Clear (Silver)

115grams (125grams Locking Version)

Cap

Pair of Keys (Only with Locking Version)

Materials:

Centre Cap:

O-Ring:

Saddle:

Lock Barrel:

Lever & Centre Pin:

Keys:

Aluminium Alloy 6082/T6 Forging

Viton A (FPM or FKM)

Acetal POM Kepital F20-03

Zamac Zinc + Brass

Stainless Steel 303/ 304

Stainless Steel A2 Type

Dimensions:

Outside Diameter A:

Depth B:

Valve Height C:

Ø57.6mm

35.0mm Adjustable

5.3mm

Optional('s):

Lanyard

Flange & Neck Adaptors

Metal Saddle

Hard Anodising

Fluid Containment – When It Matters

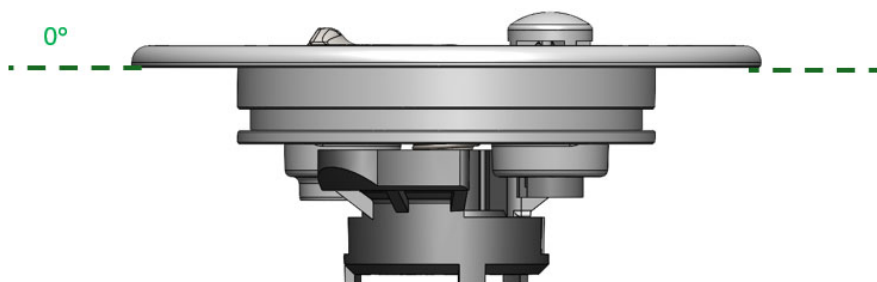
Tell: +4420 8594 7990 / Fax: +4420 8594 7989 / www.newton-equipment.com / info@newton-equipment.com

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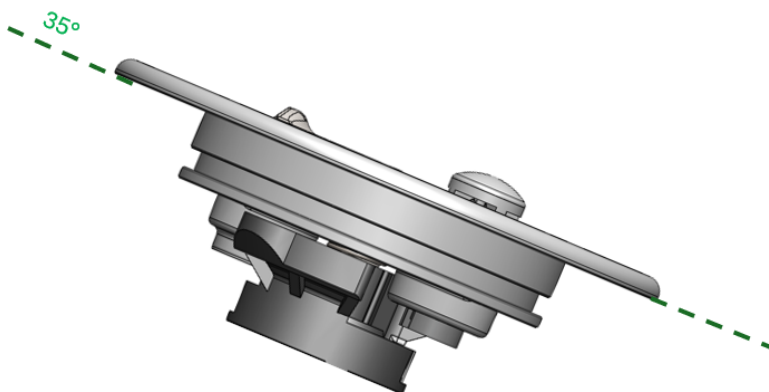
Aero 300

Important Cap Placement Information:

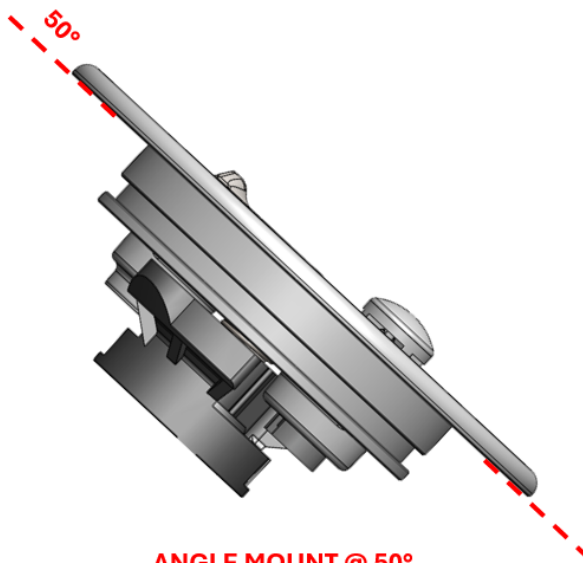
The Roll Over Ventilation System is gravitational dependent, therefore Filler Cap can only be placed in a HORIZONTAL ($\pm 35^\circ$ Tolerance Angle).



HORIZONTAL MOUNT @ 0°
GOOD



ANGLE MOUNT @ 30° MAX
GOOD



ANGLE MOUNT @ 50°
FAIL

Fluid Containment – When It Matters



Aero 300

This product provides free ventilation until the fuel tank / cell becomes inclined to an angle of more than 90 degrees. In this situation a stainless steel ball (acting under gravitational forces) seals the vent shut preventing fuel from escaping through the ventilation system. This valve has been designed to mount inline VERTICALLY into a AN-6 section of pipework. Fuel Tank Vent Valves allows the fuel tank to maintain a constant and safe status by minimising build up of pressure and allowing the tank to vent should a vacuum be experienced

When installed the valves are open to atmosphere so vapour can collect inside the vehicle. All installation should be piped to the outside of the vehicle or connected to a charcoal canister. For tarmac vehicles run the pipe to the top of the body and then down to a point just below the base of the tank. The valves should be positioned as close as possible to the rear of the tank so that under braking the fuel load will move towards the front of the tank and away from the valve.

Fluid Containment – When It Matters

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