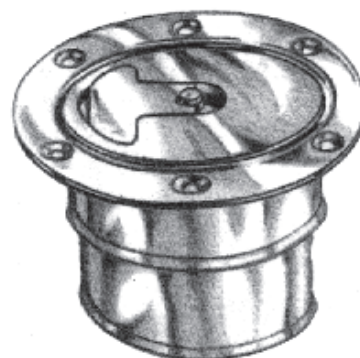
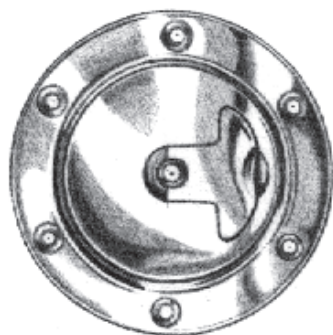
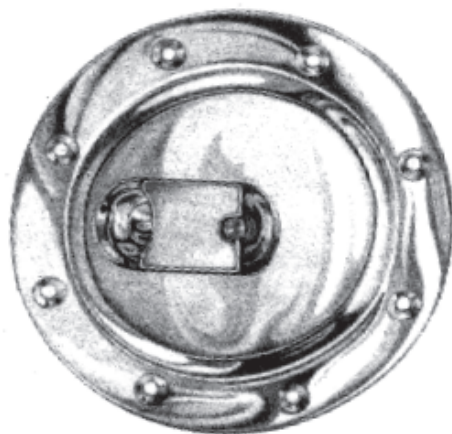
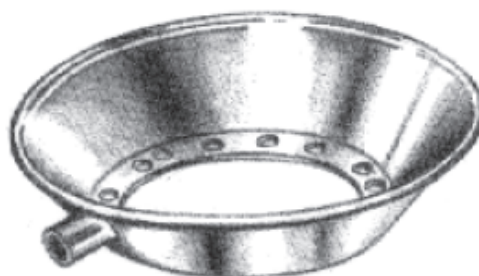
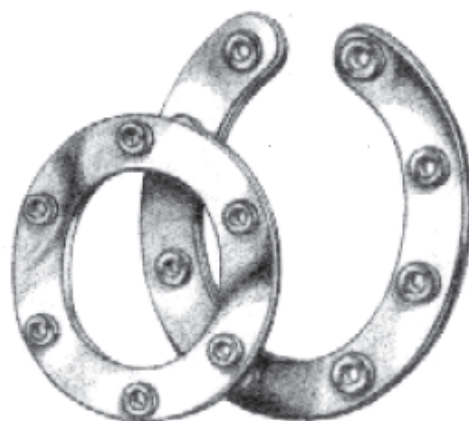


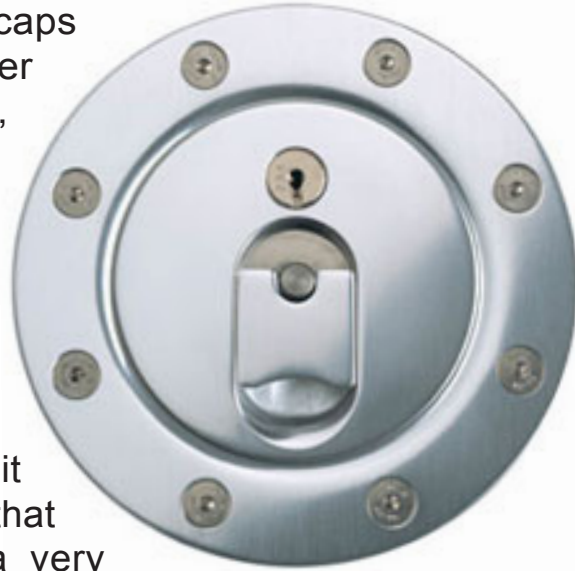


AERO FILLER CAPS



FUEL FILLER CAPS

Aero type flush fitting caps draw inspiration from fuel filler caps used on American WWII fighter aircraft. Popular with motorcycle manufacturers for many years, Ducati and others have incorporated these caps in their fuel tank designs. After being seen on the Ferrari F40, automotive concept and prototype car stylists quickly caught on to the idea. Aero caps now grace the flanks of the worlds leading exotics and supercars including the McLaren F1 and Jaguar XJ200. The design and finish of the cap are such that it is not always the appearance that attracts. The mechanism has a very pleasing feel with a precise action, as it should if incorporated on cars costing upward of a million dollars.



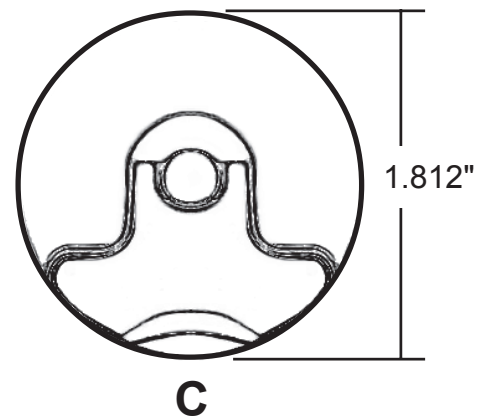
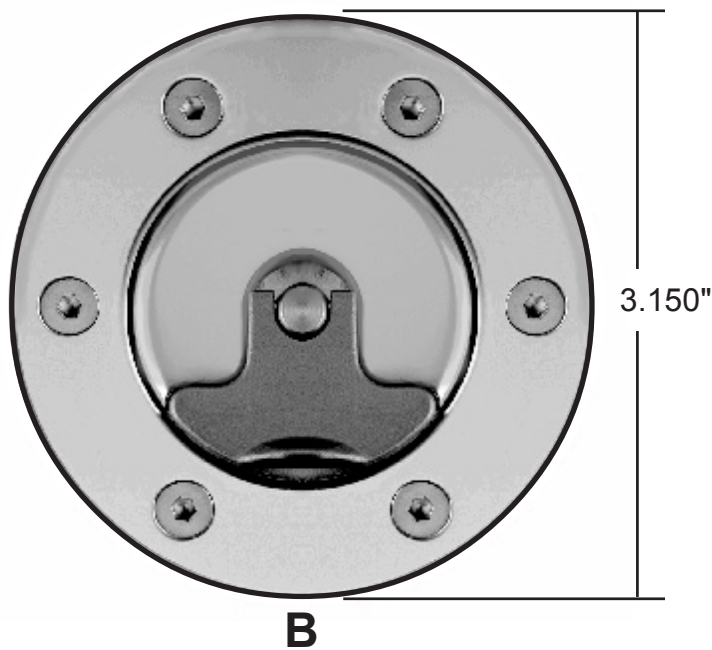
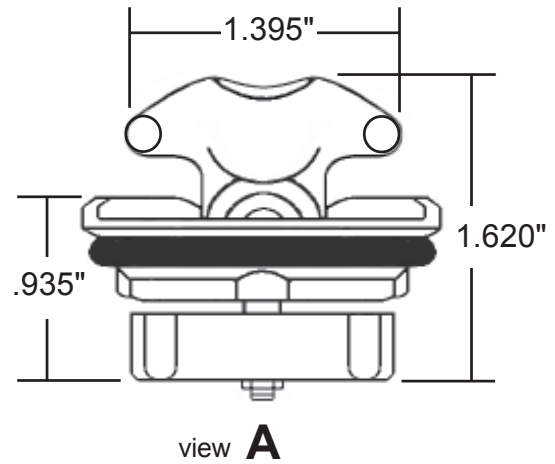
Construction The forged aluminum cap sits in a pressed aluminum flange sealed with a fuel resistant o-ring. Cap and flange are polished and anodized silver (colors available as special order). Caps are supplied with nuts, bolts, and fiber gasket. Locking version includes two keys.

Application Aero caps are designed for either direct to tank fitting or remote mounting to body work with connection to fuel tank through flexible hoses. To aid installation we can supply a variety of mounting flanges, funnels, fuel hose, and other assorted accessories. Caps are non-vented, but can be modified for vent if required.

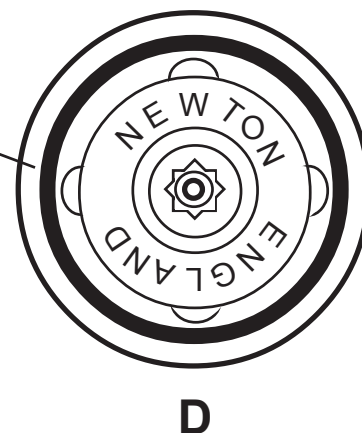


MOCAL

1 3/4" Flush Mount Aircraft Filler Cap Aero 200 Series



fuel resistant
sealing o-ring



1 3/4" Aero 200 Filler Cap

A: Filler Cap (side view) tab up

B: Filler Cap & Flange (top view)

C: Filler Cap (top view) tab down

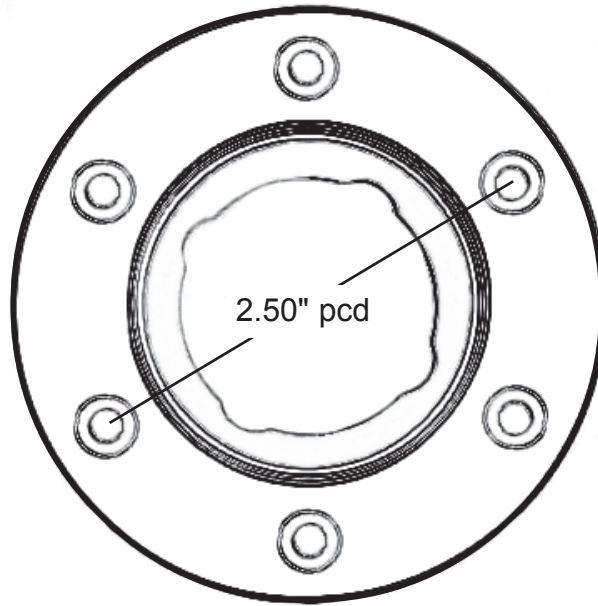
D: Filler Cap (bottom view)

approximate scale 1:1

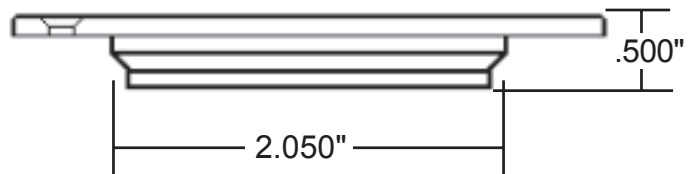
MOCAL

Mounting Flanges for 1 3/4" Filler Cap Aero 200 Series

view **E**

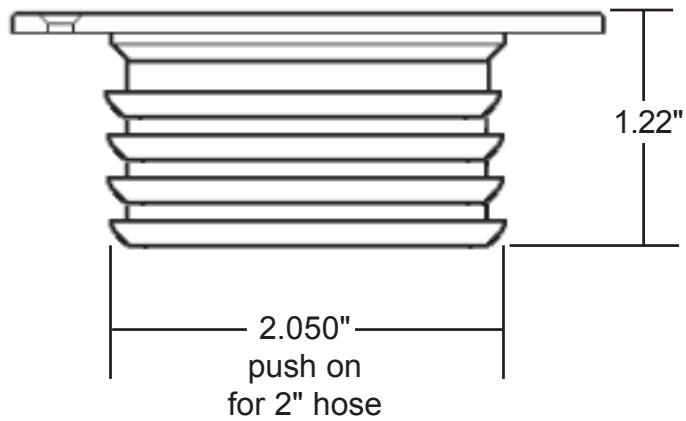


F



.100"

G



1 3/4" Filler Cap Flanges

E: Mounting Flange (top view)
same for tank & hose versions

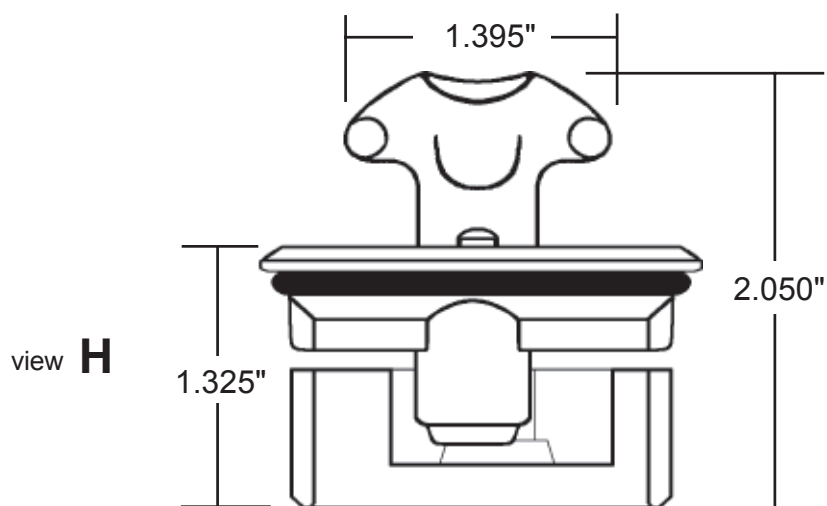
F: Tank Mounting Flange (side view)
mounts directly to tank

G: Remote Mounting Flange (side view)
to tank with 2" hose

approximate scale 1:1

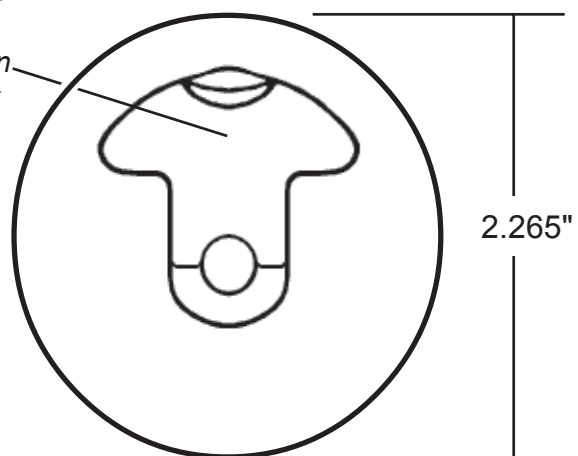
MOCAL

2 1/4" Flush Mount Aircraft Filler Cap Aero 300 Series

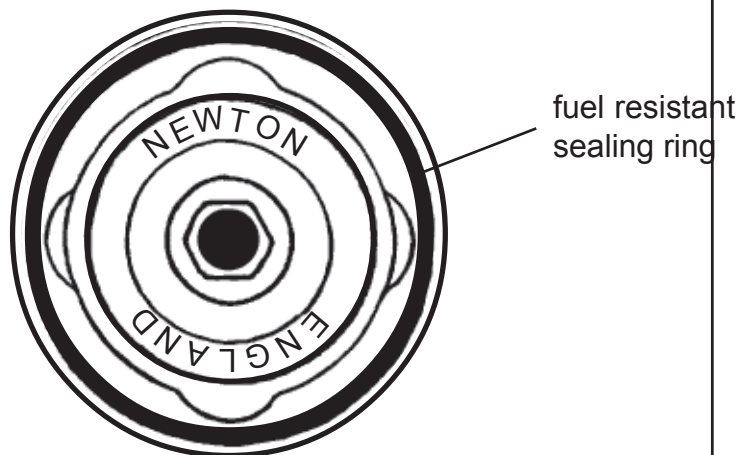


Release Tab
pull up, then
rotate 1/2 turn
(optional lock
available)

I



J



2 1/4" Aero 300 Filler Cap

H: Filler Cap (side view)
note: optional lock

I: Filler Cap (top view)
note: locking tab (down)

J: Filler Cap (bottom view)

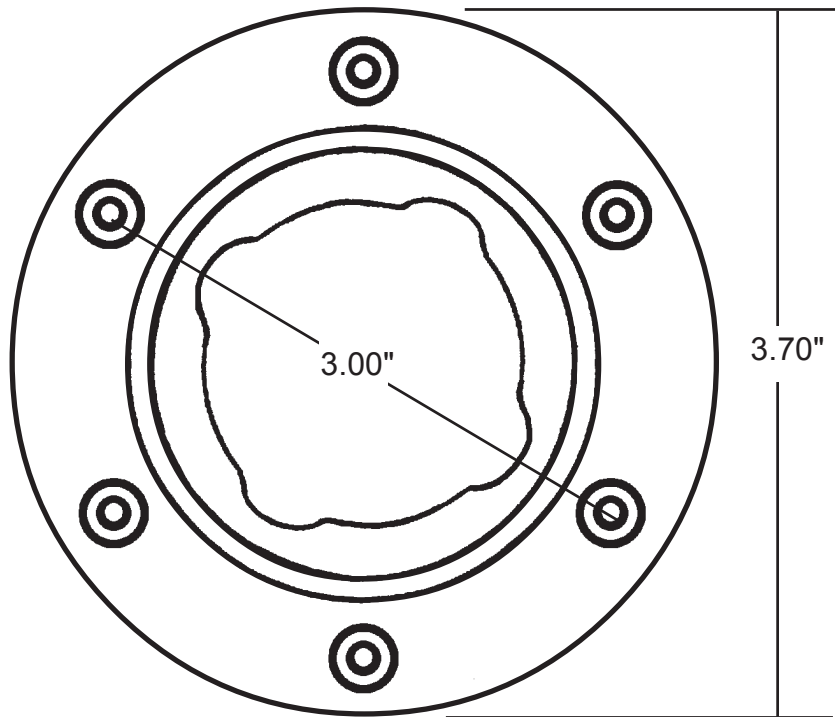
approximate scale 1:1

MOCAL

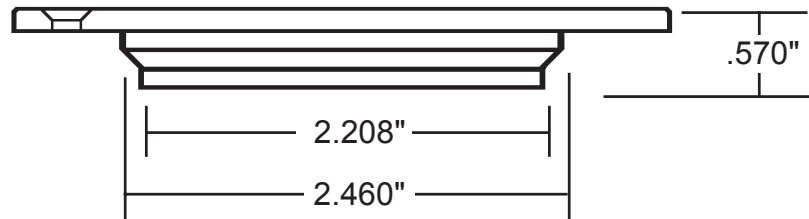
Mounting Flanges for 2 1/4" Filler Cap

Aero 300 Series

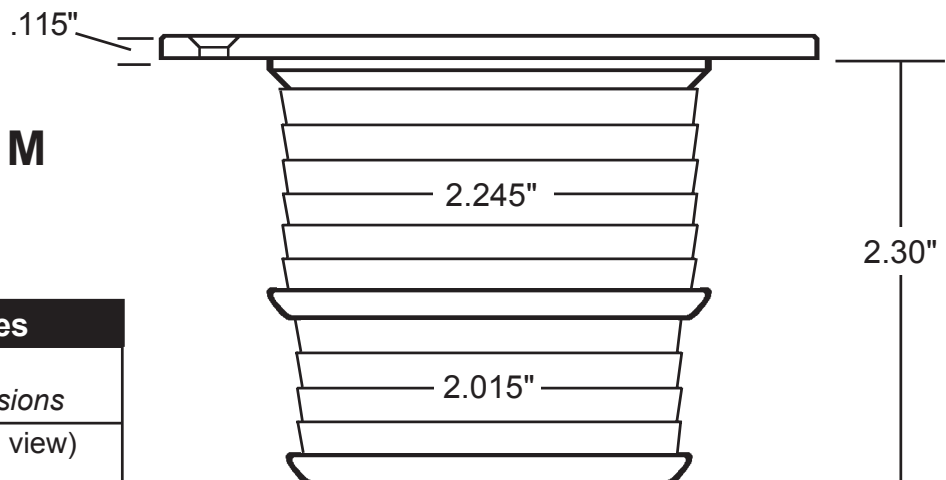
view **K**



L



M



2 1/4" Filler Cap Flanges

K: Mounting Flange (top view)
same for tank and hose versions

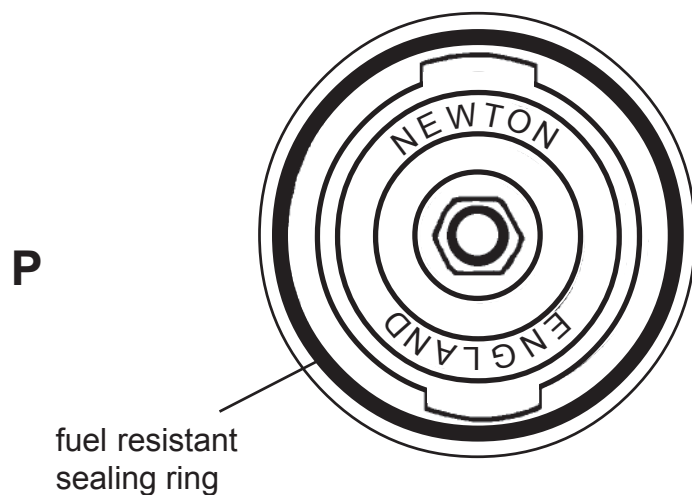
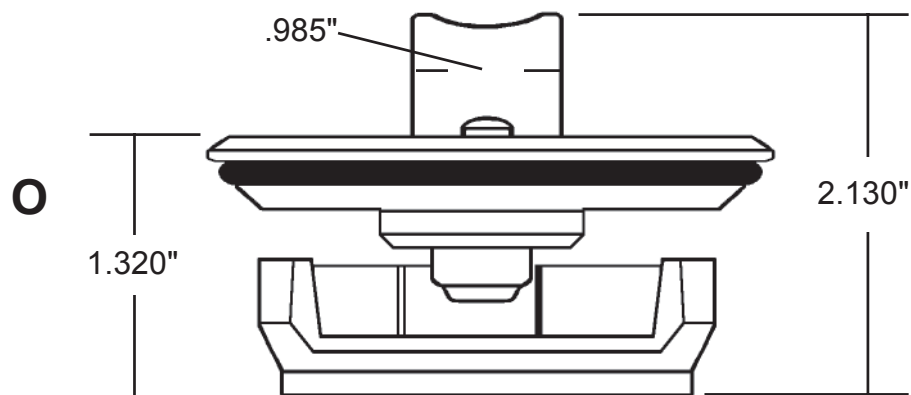
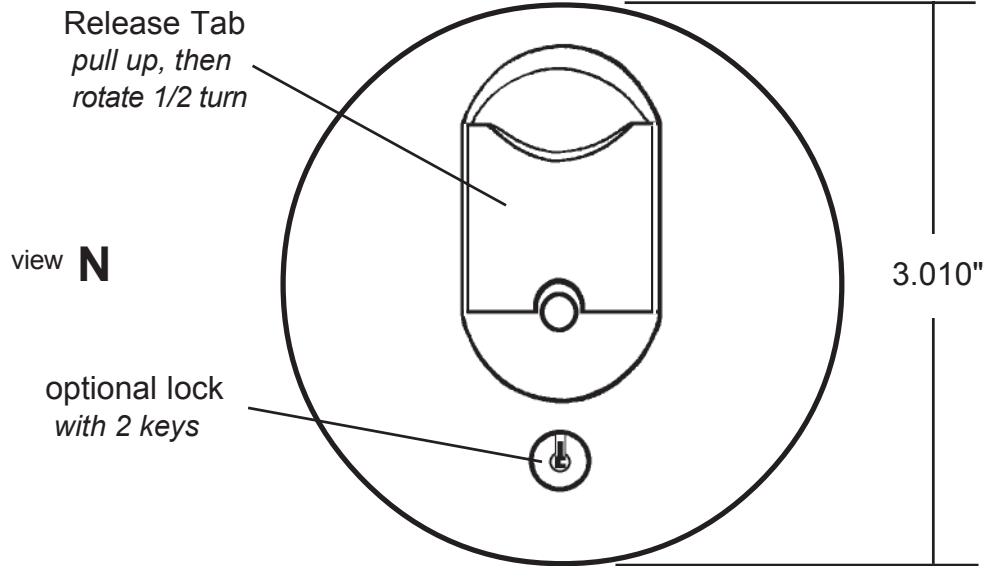
L: Tank Mounting Flange (side view)
mounts directly to tank

M: Remote Mounting Flange (side view)
to tank with 2" or 2 1/4" hose

approximate scale 1:1

MOCAL

3" Flush Mount Aircraft Filler Cap Aero 400 Series



3" Aero 400 Filler Cap

N: Filler Cap (top view)
note: optional lock

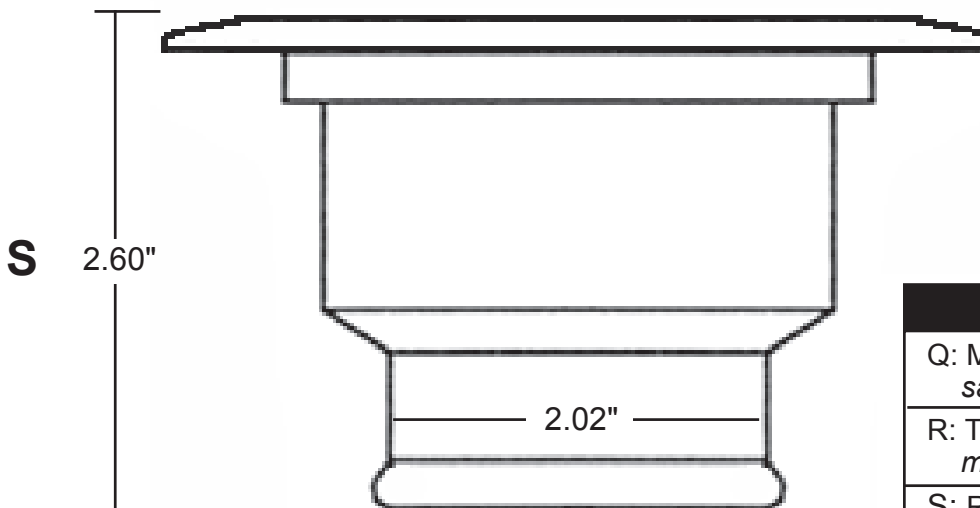
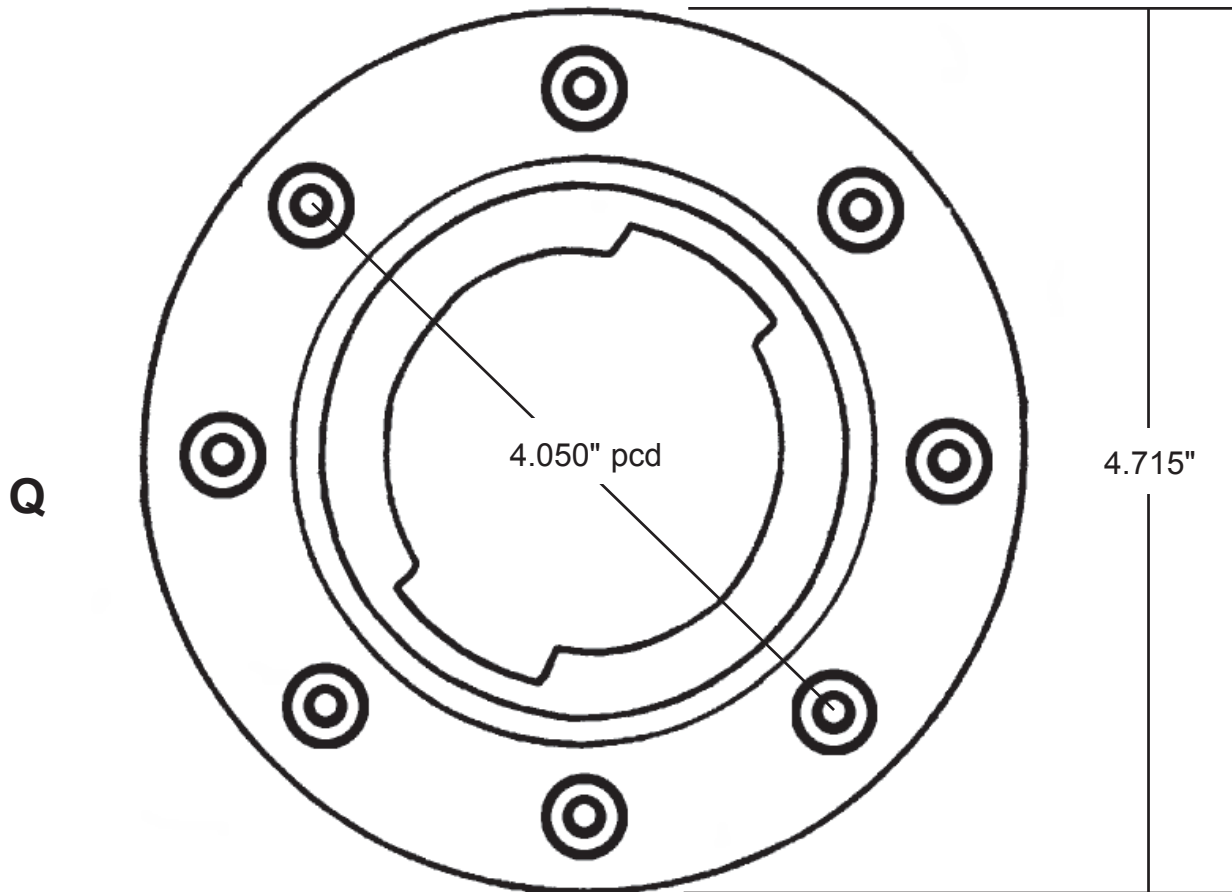
O: Filler Cap (side view)
note: locking tab (up)

P: Filler Cap (bottom view)

approximate scale 1:1

MOCAL

Mounting Flanges For 3" Cap Aero 400 Series



3" Filler Cap Flanges

Q: Mounting Flange (top view)
same for tank and hose versions

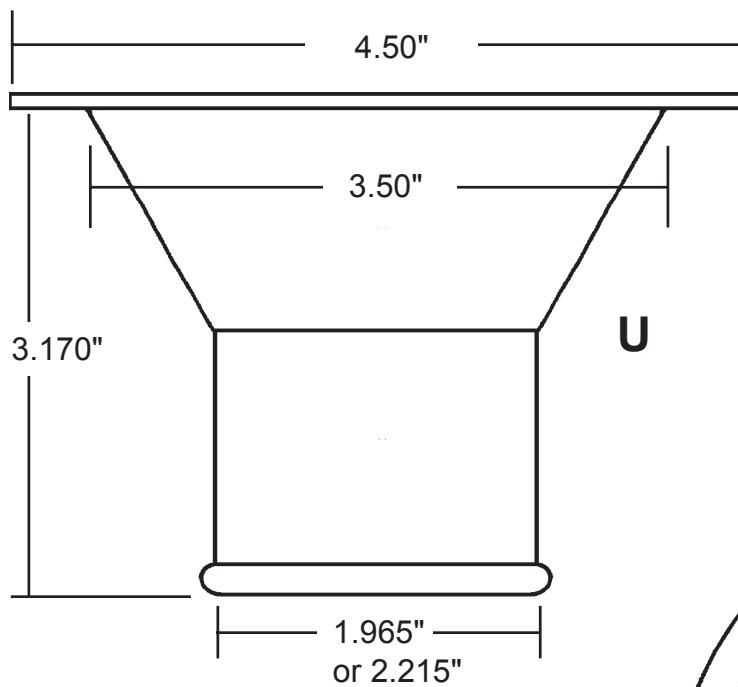
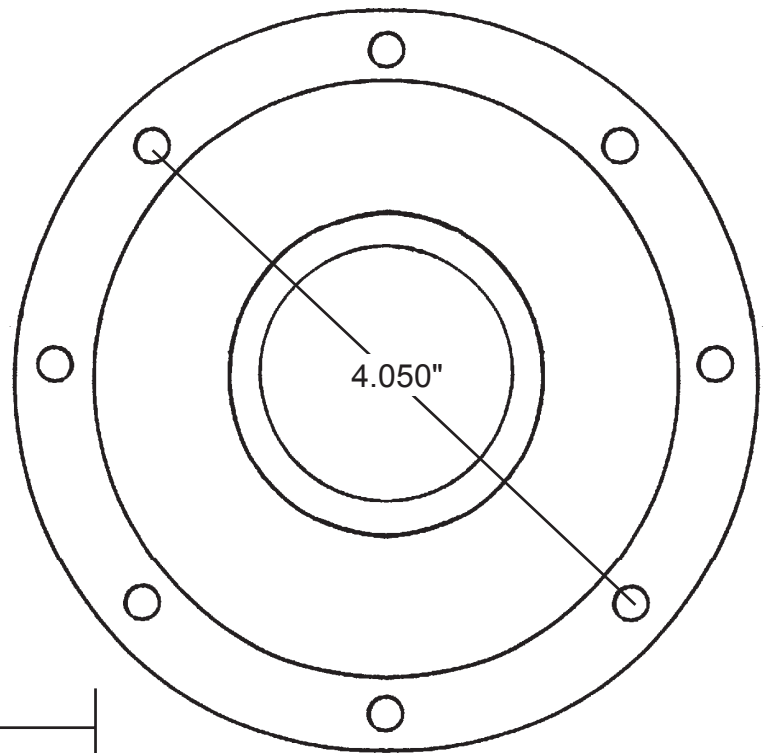
R: Tank Mounting Flange (side view)
mounts directly to tank

S: Remote Mounting Flange (side view)
to tank with 2" hose push-on

approximate scale 1:1

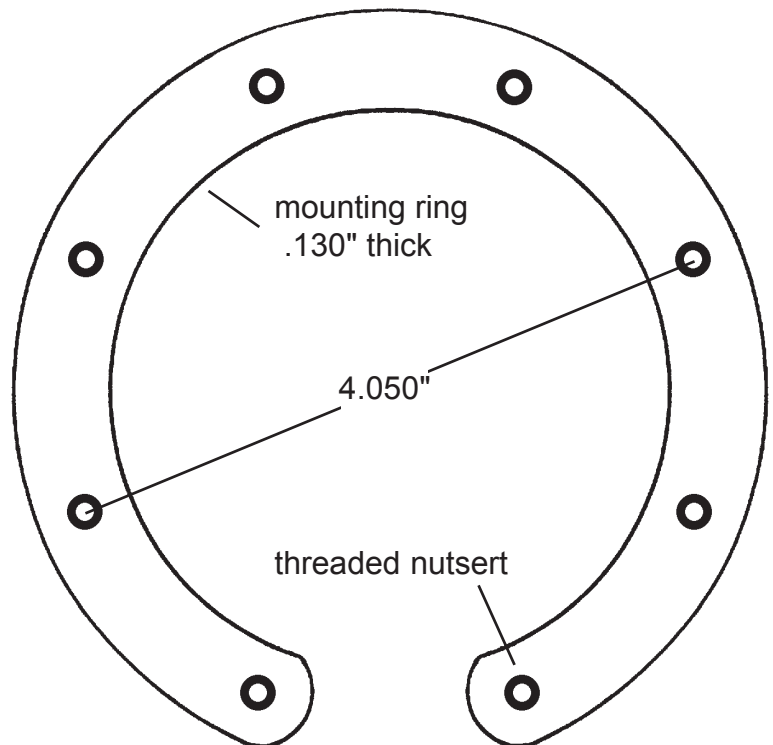
MOCAL

view **T**



U

V



3" Cap Funnel Neck & Nut Ring

T: Funnel Neck (top view)
use with tank flange to receive hose

U: Funnel Neck (side view)
available in either 2" or 2 1/4" hose size

V: Mounting Ring w/threaded nutserts

approximate scale 1:1

MOCAL

3 1/2" Flush Mount Aircraft Filler Cap Aero 600 Series



3 1/2" Aero 600 Filler Cap

Filler cap with flange (top view)

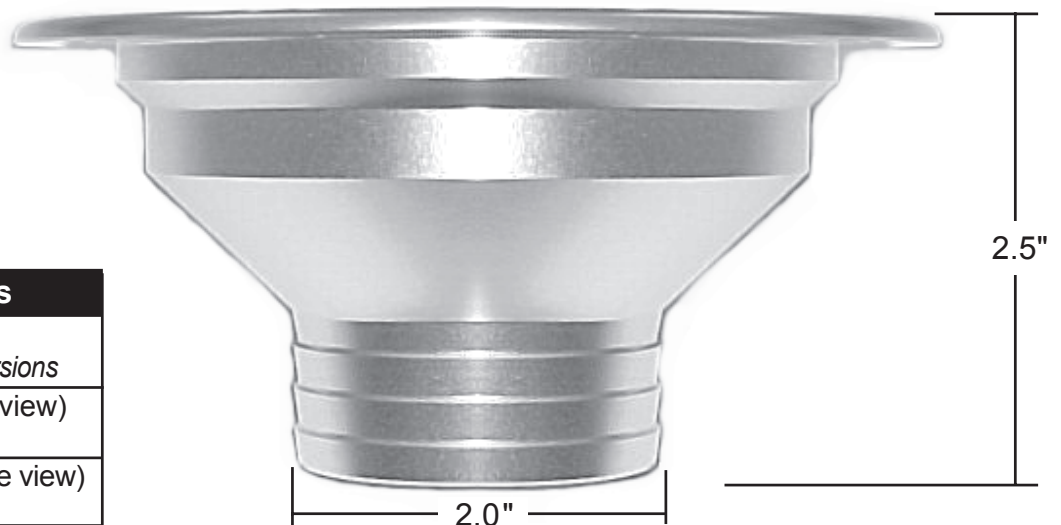
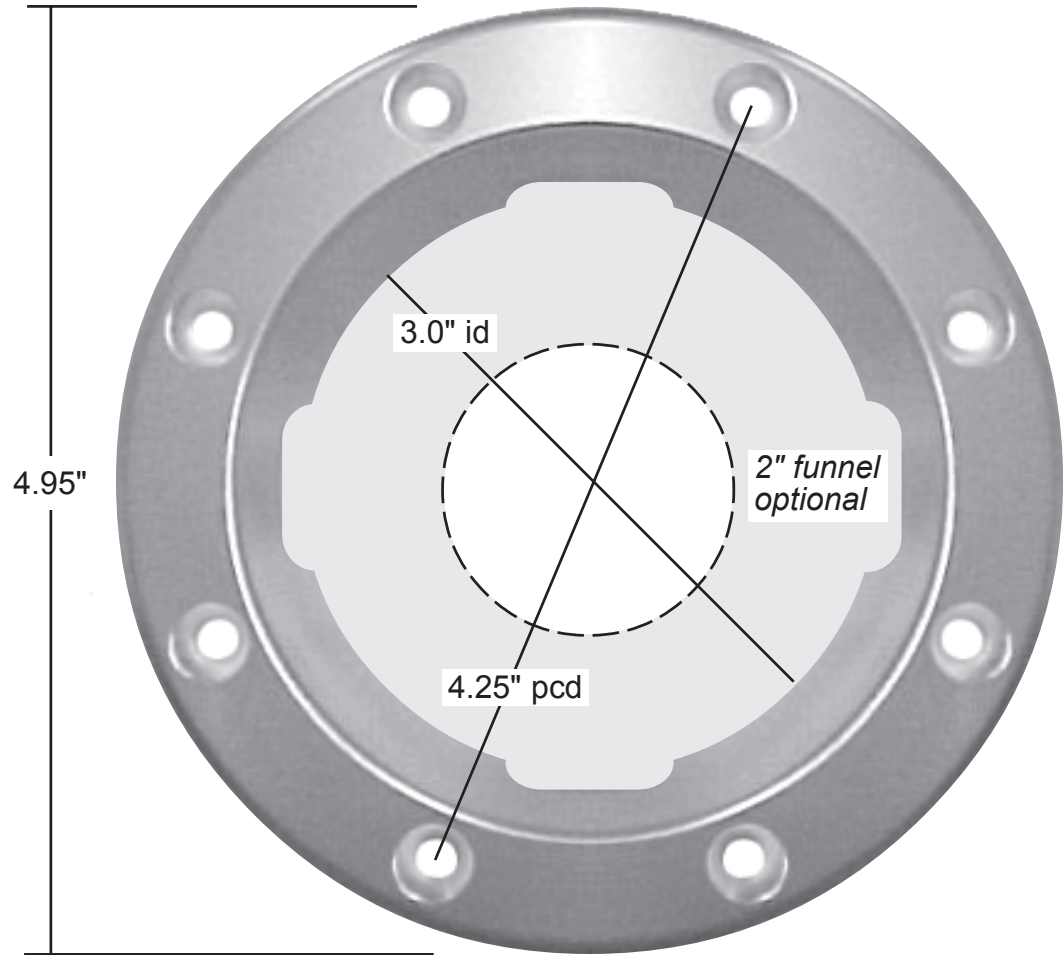
Filler Cap (side view) tab up

Filler Cap (top view) w/optional lock

approximate scale 1:1

MOCAL

Mounting Flanges for 3 1/2" Filler Cap Aero 600 Series



3 1/2" Filler Cap Flanges

Mounting Flange (top view)
same for flush & direct hose versions

Tank Mounting Flange (side view)
mounts direct to tank

Remote Mounting Flange (side view)
to tank with 2" hose

approximate scale 1:1

MOCAL

4" Flush Mount Aircraft Filler Cap

Aero 500 Series

view **W**

optional lock
with 2 keys

Release Ring
pull up, then
rotate 1/2 turn

3.90"

Dual
Oring
Seals

X

1.85"

3.45"

Glass Filled
Nylon Base

4" Aero 500 Filler Cap

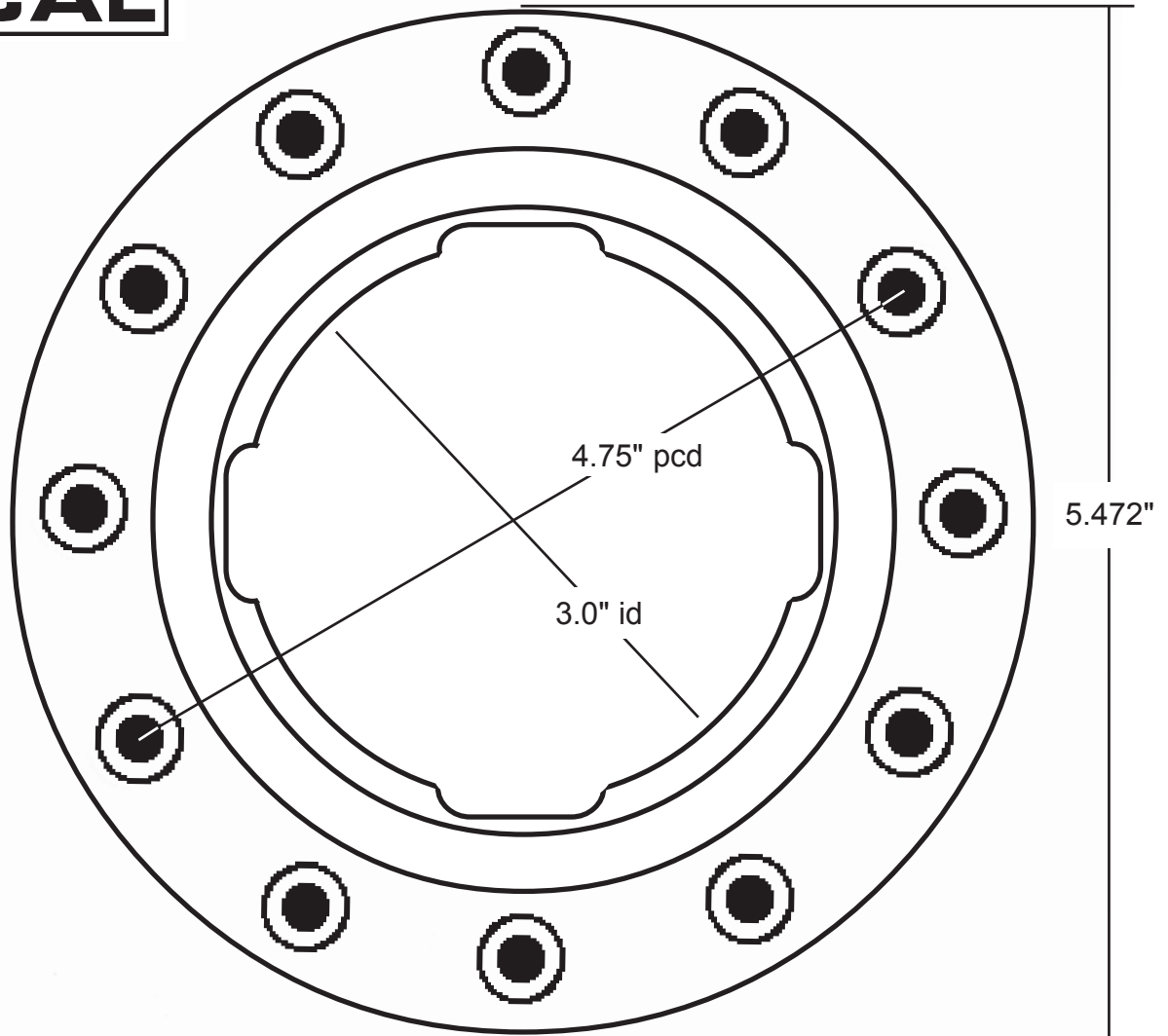
W: Fuel Cap (top view)

X: Fuel Cap (side view)
with locking ring up

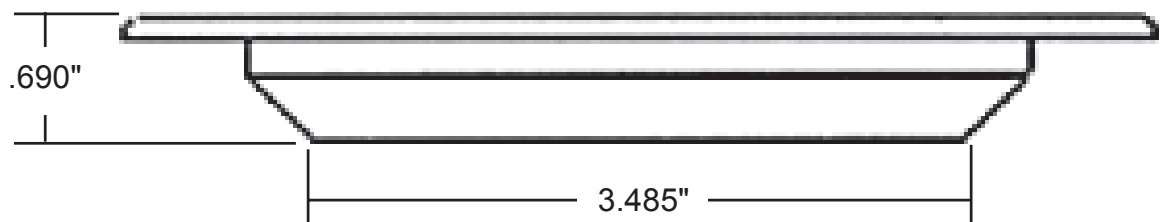
approximate scale 1:1

MOCAL

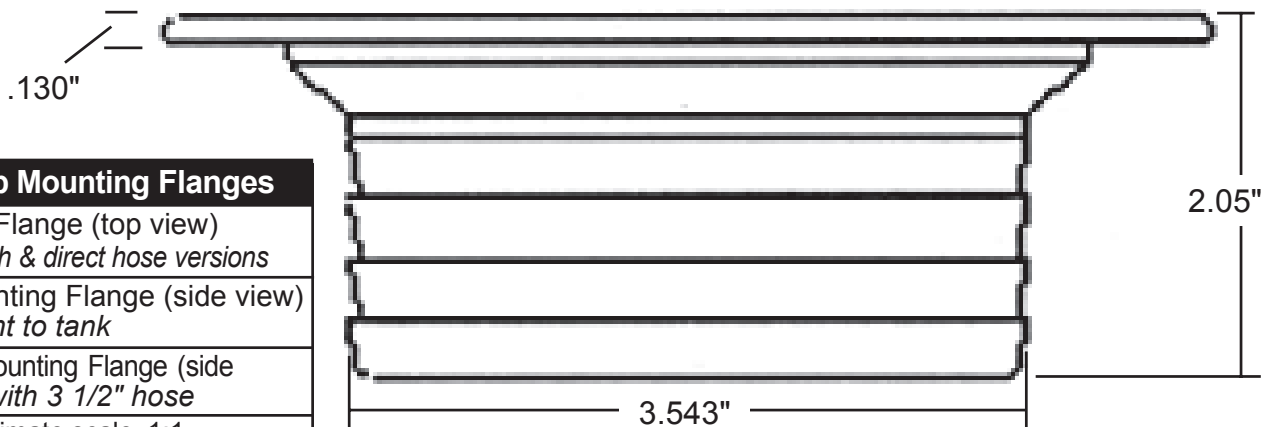
view **Y**



Z



ZZ



4" Filler Cap Mounting Flanges

Y: Mounting Flange (top view)
same for flush & direct hose versions

Z: Tank Mounting Flange (side view)
flush mount to tank

ZZ: Remote Mounting Flange (side view)
to tank with 3 1/2" hose

approximate scale 1:1

MOCAL



Aero 200 Cap
cap: 1.75"
cap material: 6063 Aluminum
flange material: 6082T6
flange bolt circle: 2.5" PCD
fixing holes: 6 x 4mm
mounting: flush flange (direct)
hose flange 2.0"(remote mount)
versions: non-locking only



Aero 300 Cap
cap: 2.25"
cap material: 6063 Aluminum
flange material: 6082T6
flange bolt circle: 3.0" PCD
fixing holes: 6 x 5mm
mounting: flush flange (direct)
or step flange 2.25"/2.0"(remote)
versions: locking or non-locking

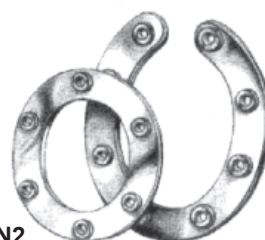


Aero 400 Cap
cap: 3.0"
cap material: 6063 Aluminum
flange material: 6082T6
flange bolt circle: 4.0" PCD
fixing holes: 8 x 5mm
mounting: flush flange (direct)
or for (remote) mounting use
funnel/neck 2" or 2.25" hose
versions: locking or non-locking



RUB1

RUB2

FUN1/
FUN2

RIN1

RIN2

Fuel Filler Caps

Caps are constructed from aluminum forgings or solid billets, the material is either 6063 or 6082. Saddle clamps are glass filled nylon (except A200 which is 6082 aluminum). All aluminum parts are clear anodised. Center pins, springs, operating levers, mounting screws & nuts are stainless steel. Rubber seals are fluorosilicone BS1806 standard.

Pricing \$

Aero 200 (1 3/4" Fuel Filler Cap- for direct mounting)

includes: filler cap (see drawing A,C,D) and flush mounting flange (see drawing E,F). Lock feature not available in this size

standard cap & flange	CAP1	\$150.00
----------------------------------	-------------	-----------------

Aero 200 (1 3/4" Fuel Filler Cap- for remote mounting)

includes: filler cap (see drawing A,C,D) and flush mounting flange (see drawing E,G). Lock feature not available in this size

standard cap & flange	CAP1F	\$180.00
----------------------------------	--------------	-----------------

Aero 300 (2 1/4" Fuel Filler Cap- for direct mounting)

includes: filler cap (see drawing H,I,J) and flush (direct to tank) mounting flange (see drawing K,L)

standard cap & flange	CAP2	\$185.00
locking cap & flange	CAP2L	\$220.00

Aero 300 (2 1/4" Fuel Filler Cap for remote mounting)

includes: filler cap (see drawing H,I,J) and integral funnel stepped flange for either 2 1/4" or 2" hose (see drawing K,M)

standard cap & step flange	CAP2F	\$235.00
locking cap & step flange	CAP2LF	\$270.00

Aero 400 (3" Fuel Filler Cap- for direct mounting)

includes: filler cap (see drawing N,O,P) and flush (direct to tank) mounting flange (see drawing Q,R) use with FUN1/2 for remote mounting

standard cap & flange	CAP3	\$190.00
locking cap & flange	CAP3L	\$240.00

Aero 200, 300 & 400 Cap Mounting Accessories

Aero 400 Funnel Neck & Gasket for 2" hose (drawing S,T)

(drawing L,M) allows for remote mounting

FUN1	\$74.50
-------------	----------------

Aero 400 Funnel Neck & Gasket for 2 1/4" hose (drawing S,T)

(drawing L,M) allows for remote mounting

FUN2	\$74.50
-------------	----------------

Aero 400 Mounting Ring 4" PCD 8 hole

with captive nuts (drawing U)

RIN1	\$37.00
-------------	----------------

Aero 300 Mounting Ring 3" PCD 6 hole

with captive nuts

RIN2	\$37.00
-------------	----------------

Aero 200 Mounting Ring 2.5" PCD 6 hole

with captive nuts

RIN3	\$33.00
-------------	----------------

Aero 400 Rubber Base Gasket

RUB1	\$25.50
-------------	----------------

Aero 400 Rubber Spill Tray (w/drain)

RUB2	\$65.00
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MOCAL

Fuel Filler Caps

Caps are constructed from aluminum forgings or solid billets, the material is either 6063 or 6082. Saddle clamps are glass filled nylon (except A200 which is 6082 aluminum). All aluminum parts are clear anodised. Center pins, springs, operating levers, mounting screws & nuts are stainless steel. Rubber seals are fluorosilicone BS1806 standard.



Aero 400 Cap
cap: 3.0"
mounting: (remote) mounting use
funnel/neck 2" hose to tank.
versions: locking or non-locking



Aero 600 Cap
cap: 3.5"
cap material: 6063 Aluminum
flange material: 6082T6
flange bolt circle: 4.25" PCD
fixing holes: 8 x 5mm
mounting: flush flange (direct)
or for (remote) mounting use
funnel/neck 2.0" hose
versions: locking or non-locking



Aero 500 Cap
cap: 4.0"
cap material: 6063 Aluminum
flange material: 6082T6
flange bolt circle: 4.75" PCD
fixing holes: 12 x 5mm
mounting: flush flange (direct)
or for (remote) mounting use
funnel/neck 3.5" hose
versions: locking or non-locking

Pricing \$

Aero 400 (3" Fuel Filler Cap for remote mounting)

includes: filler cap (see drawing N,O,P) and integral funnel flange for 2" hose (see drawing Q, S)

standard cap & step flange	CAP3F	\$275.00
locking cap & step flange	CAP3LF	\$320.00

Aero 600 (3.5" Fuel Filler Cap- for direct mounting)

includes: filler cap and flush (direct to tank) mounting flange.

standard cap & flange	CAP600	\$235.0.
locking cap & flange	CAP600L	\$260.00

Aero 600 (3.5" Fuel Filler Cap for remote mounting)

includes: filler cap and integral funnel flange for push on 2.0" hose.

standard cap & flange for p/o hose	CAP600F	\$300.00
locking cap & flange for p/o hose	CAP600LF	\$335.00

Aero 500 (4" Fuel Filler Cap- for direct mounting)

includes: filler cap (see drawing W, X) and flush (direct to tank) mounting flange (see drawing Y, Z)

standard cap & flange	CAP500	\$260.00
locking cap & flange	CAP500L	\$300.00

Aero 500 (4" Fuel Filler Cap for remote mounting)

includes: filler cap (see drawing W, X) and integral funnel flange for push on 3.5" hose (see drawing Y,ZZ)

standard cap & flange for p/o hose	CAP500F	\$310.00
locking cap & flange for p/o hose	CAP500LF	\$350.00

Fuel Hose & Elbows (thick-wall fuel certified hose)

Hose 2" (51mm) i.d. (foot)	NH51-foot	\$35.00
Hose 2" (51mm) i.d. (3 foot length)	NH51-3F	\$105.00
Hose 2.25" (57mm) i.d. (foot)	NH57-foot	\$38.00
45 elbow 2" (51mm) i.d.	NH451	\$57.50
90 elbow 2" (51mm) i.d.	NH951	\$57.50



NH451



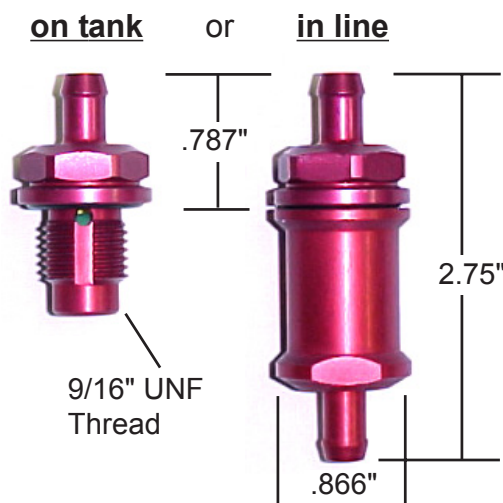
NH951

MOCAL

NEW PRODUCTS

Vent Valve

Where required, vented fuel systems allow air to freely enter the tank and replace the volume of fuel being drawn from the tank; a vent should also allow vapor to exit the tank before there is any build up in pressure, and without fuel (liquid) loss. Factory installed tanks/fuel systems (non EFI) likely incorporate some type of vent incorporated or independent of the fuel fill pipe. When fabricating a tank and fuel system from aftermarket components, we can supply a suitable on-tank or in-line vent valve. Valves accept 1/4" hose and can be threaded to a 9/16" UNF "bung" (on-tank) or installed vertically in a hose run (in-line).



Fuel Vent Valve

TRL7

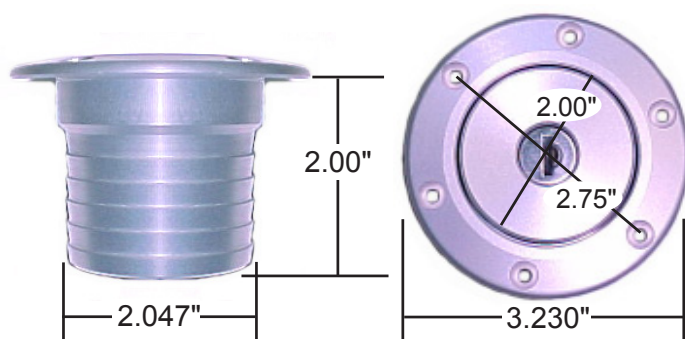
\$79.50

Z-200 Series- Basic Locking Flush Cap

This economically priced cap/funnel assembly is extremely well suited for adding remote fuel tanks to vehicles while maintaining a high level of fit and finish. Cap (non-vented) releases/removes by inserting and rotating key a 1/4 turn; compact dimensions make for easy installations; flange accepts standard 2" fuel hose. Mounting hardware, gasket and 2 keys included.



Z-200 Cap & Funnel CAP2ZF \$175.00



Replacement Cap, Lock and Keys

If required, we can provide replacement caps (less flanges) and lock key assemblies.

Aero 300 Cap	CAP2C	\$140.00
Aero 300 Cap Locking* (w/2 keys)	CAP2CL	\$175.00
Aero 400 Cap	CAP3C	\$150.00
Aero 400 Cap Locking* (w/2 keys)	CAP3CL	\$190.00
Lock Assembly* w/2 keys	CAPL1	\$65.00

**lock key codes by request require 2-3 weeks*



BAT Inc. ♦ 7630 Matoaka Road., Sarasota, FL. 34243 ♦ (941) 355-0005 fax (941) 355-4683

Prices subject to change without notice.

MOCAL

NEW PRODUCTS

Weld-in Neck Type Caps

An option to the standard bolt-in flange is the weld in neck, which allows the cap to be fabricated in flush with only the cap visible on the tank. This type of installation is commonly seen on custom motorcycle tanks. In the Aero 300 (2.25") cap, flanges are available in aluminum and steel. Caps are available with integral lock and supplied with 2 keys.



Aero 300 Cap With Weld-in Neck

The popular Aero 300 series cap is available with aluminum weld neck (2 lengths) or steel. Optionally, cap can be supplied with lock and 2 keys.

Aero 300 cap standard w/weld-in alloy 57mm x 15mm neck
CAP2SW \$190.00

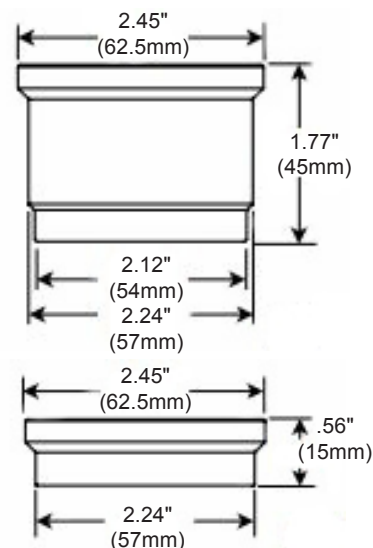
Aero 300 cap locking w/weld-in alloy 57mm x 15mm neck
CAP2SWL \$220.00

Aero 300 cap standard w/weld-in alloy 57mm x 45mm neck
CAP2W \$190.00

Aero 300 cap locking w/weld-in alloy 57mm x 45mm neck
CAP2WL \$220.00

Aero 300 cap standard w/weld-in steel 57mm x 15mm neck
CAP2WS \$195.00

Aero 300 cap locking w/weld-in steel 57mm x 15mm neck
CAP2WSL \$225.00



Chrome Aero 300 Look Cap

We often have customers looking for more economical versions of aviation type fuel caps. This is a fairly authentic looking Aero 300 (2 1/4") cap clone in a chrome finish. Caps include 6 bolt flange (specs are similar to CAP2 Aero 300 dimensions) for flush fit direct to tank use. Quality reasonably good, especially when you take into account the price is 40% less.

Aero 300 Look Chrome Cap w/flush flange

CAP2CHX \$105.00

MOCAL**CAP SPARE PARTS**

Gasket



Flange



Saddle



Hardware



Service Kit

Aero Cap Spare/Replacement Parts

We can provide aero cap spare parts like: flanges, gaskets, hardware and saddles (the underside nylon/plastic retainer). Select series and specific part from below list.

Flange

Flange Aero 200	Z FLANGE200	\$35.00
Flange Aero 300	Z FLANGE300	\$44.00
Flange Aero 400	Z FLANGE400	\$35.00
Flange Aero 500	Z FLANGE500	\$50.00

Flange is flush type (direct to tank) and includes gasket, no hardware.

Gasket

Gasket Aero 200	Z GC26	\$6.15
Gasket Aero 300	Z GC38	\$5.50
Gasket Aero 400	Z GC48	\$5.50
Gasket Aero 500	Z GC500	\$10.05

Hardware

(6) M4 x 16 Bolts, Lock Nuts, Washers	Z SCRP4	\$15.60
(6) M5 x 16 Bolts, Lock Nuts, Washers	Z SCRP1	\$15.60

Factory supplied stainless fasteners. Aero 200 series uses smaller M4 size, all the rest use M5 size. For 12 bolt flanges, order 2x hardware packs.

Saddle

Saddle Aero 200	SAD2002	\$39.00
Saddle Aero 300	SAD3003	\$40.50
Saddle Aero 400	SAD4004	\$40.50
Saddle Aero 500	SAD5005	\$40.50

Replacement reinforced nylon retainer saddle.

Saddle

Service Kit Aero 200 (o-rings and cap hardware)	OHK2	\$11.90
Service Kit Aero 300 (o-rings and cap hardware)	OHK3	\$15.80
Service Kit Aero 400 (o-rings and cap hardware)	OHK4	\$20.50
Service Kit Aero 500 (o-rings and cap hardware)	OHK5	\$37.50

Cap o-ring for outer diameter and smaller shaft/lever o-rings and associated hardware.