



Ferrari North America

Technical Information

Date: October 2016
Bulletin #: 2375
Campaign #:
Supersedes:
Section: 4

Model Type: 488 GTB/ 488 Spider, California T
Model Year: All
Subject: Brake caliper dust gaiter kit

Please note that as of **October 10th, 2016** brake caliper dust gaiter kits for the aforementioned vehicles, as shown in Fig. 1, 2, 3 and 4, are available as spare parts.

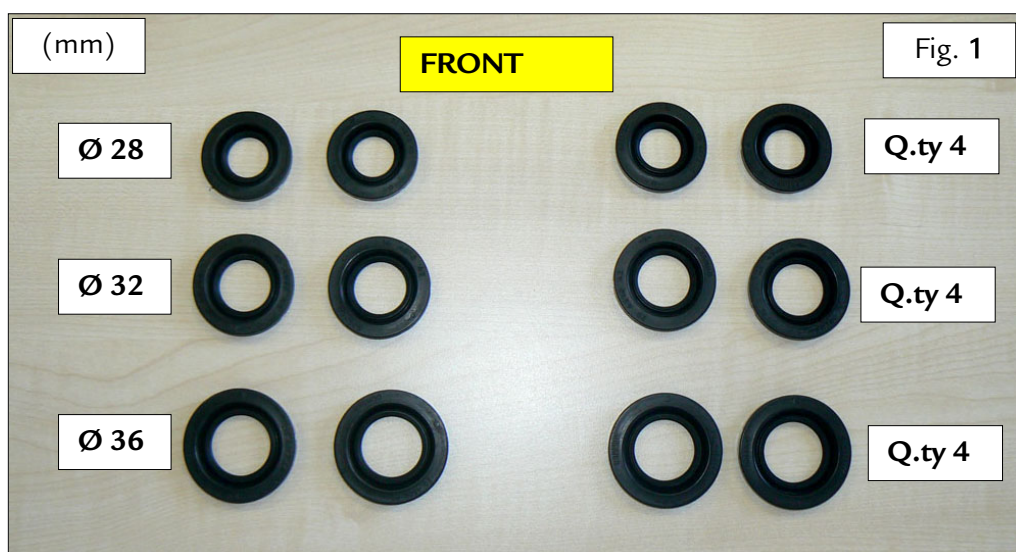
Proceed as follows should it be necessary to replace the dust gaiters.

DUST GAITER KIT		
Model	Calliper	Kit Part No.
488 GTB	FRONT	70003492
488 Spider	FRONT	70003492
California T	FRONT	70004900
488 GTB	REAR	70003493
488 Spider	REAR	70003493
California T	REAR	70004901

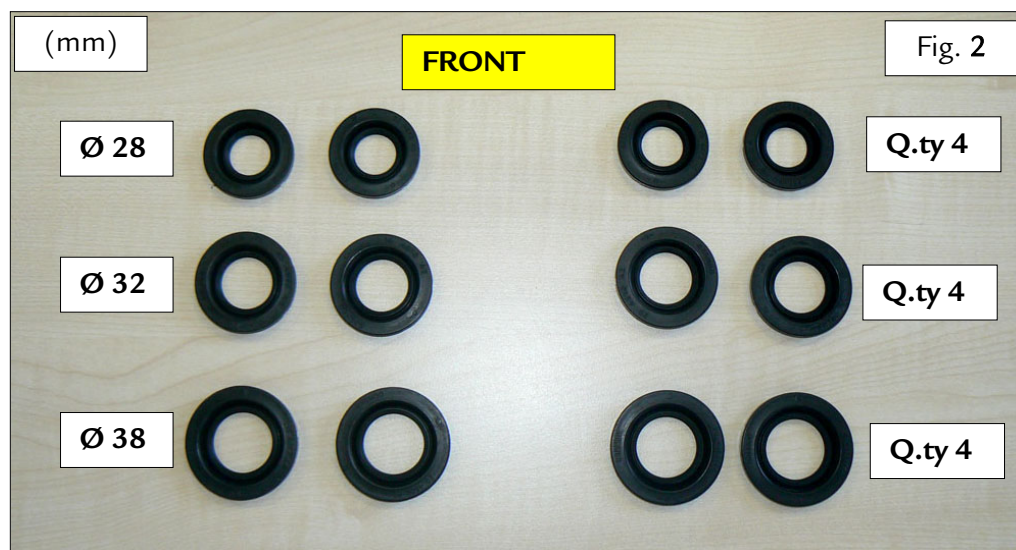


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- Front dust gaiter kit **Part No. 70003492** Q.ty 1 (applicable for **488 GTB** and **488 Spider**) - Fig. 1;



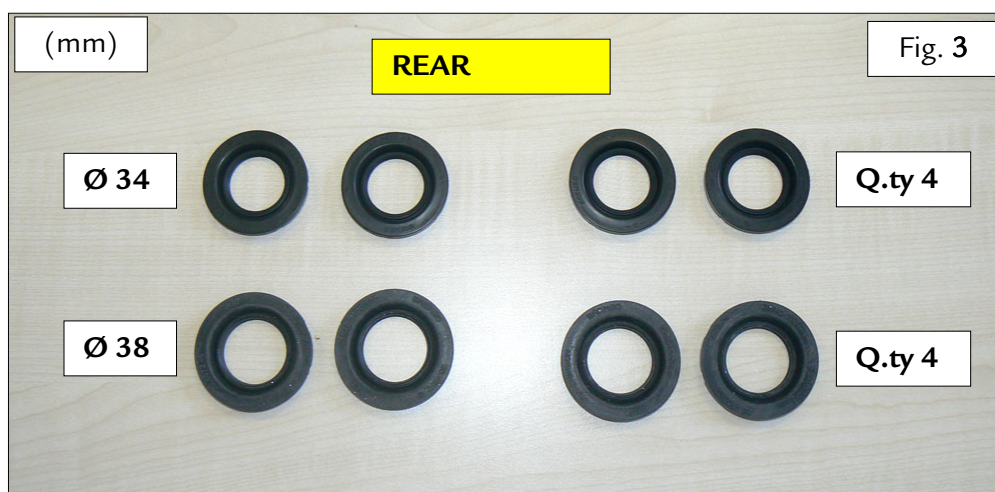
- Front dust gaiter kit **Part No. 70004900** Q.ty 1 (applicable for **CaliforniaT**) - Fig. 2;



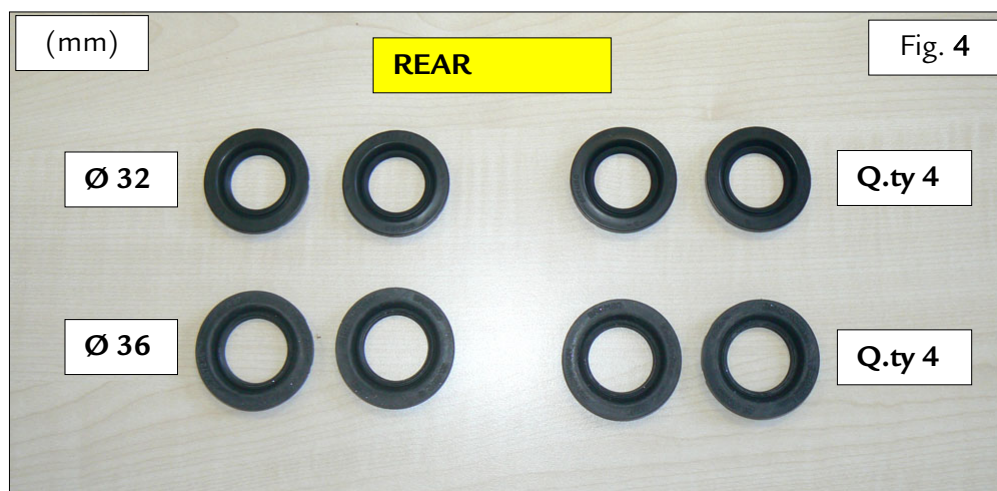


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- Rear dust gaiter kit **Part No. 70003493** Q.ty 1 (applicable for **488 GTB** and **488 Spider**) - Fig. 3;



- Rear dust gaiter kit **Part No. 70004901** Q.ty 1 (applicable for **CaliforniaT**) - Fig. 4;



NOTE: The new components will be included in the Spare Parts catalog, and the respective service times indicated in the ST Schedule, from the October 2016 update of the catalog.

For future updates, please refer to the respective table in the Spare Parts Catalog and ST Schedule.



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Procedure

- Remove the front and/or rear brake calipers (as described in paragraph **D3.05** of the Workshop Manual).
- Clean the brake caliper thoroughly around the dust gaiters.
- Place a metal block (see the drawing attached on **page 7- 8** for the correct dimensions of the block according to caliper and vehicle model) or the brake disc between the caliper pistons – Fig. 5.

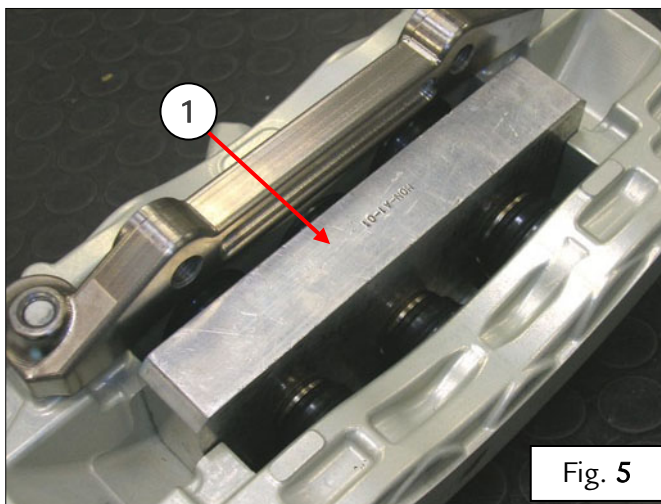


Fig. 5

- Blow compressed air into the caliper through the brake fluid inlet orifices.
- The compressed air pushes the piston against the metal block or brake disc placed previously between the pistons.
- Remove the metal block or disc from the caliper.
- Use a screwdriver (A) to prise the dust gaiters (B) out of their seats on the caliper – Fig. 6.

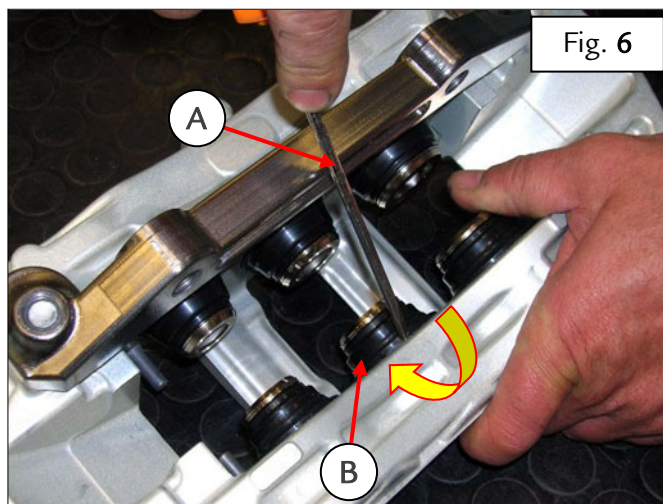
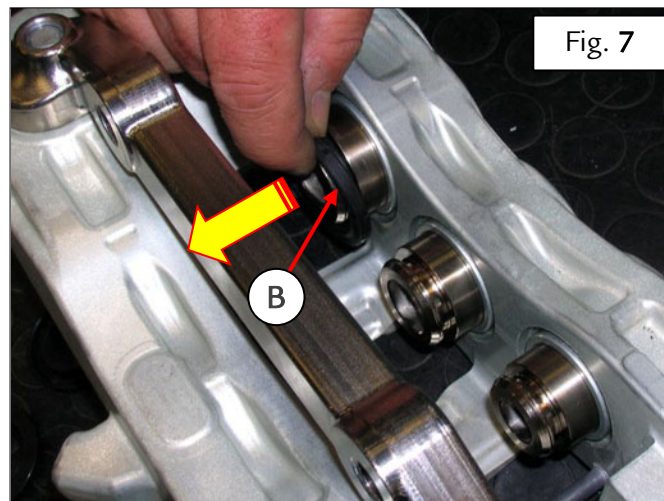


Fig. 6

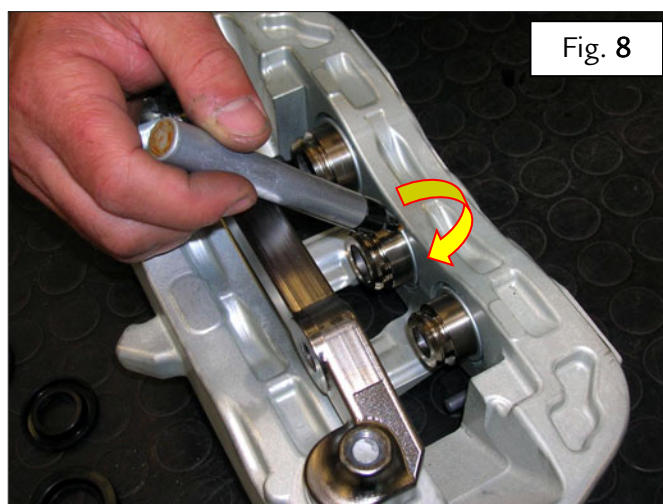


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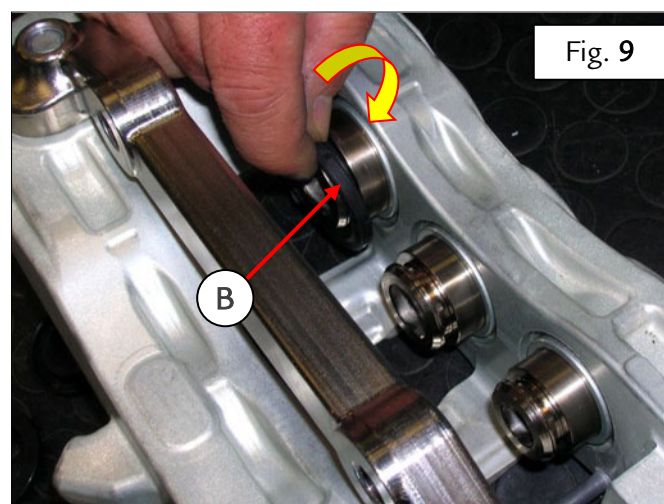
- Remove the (B) dust gaiters from the pistons and retrieve – Fig. 7.



- Clean the heads of the caliper pistons with a lint-free cloth to remove any residue of dirt – Fig. 8.
- Lubricate the dust gaiter seats on the caliper casing with a small quantity of brake fluid using a cotton bud or an applicator, as shown in the photo aside – Fig. 8.



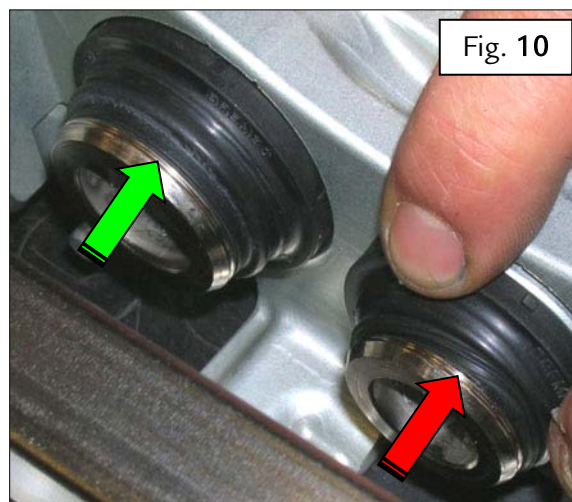
- Install the relative dust gaiter (B) of the correct diameter in the seat on each piston – Fig. 9.
 - Unroll the dust gaiter (B) correctly over the piston to fit in the respective seat on the piston – Fig. 9.
 - Turn the dust gaiter (B) inside out and bring the outer diameter at the end of the gaiter near the seat on the caliper – Fig. 9.
- Note:** Check that the dust gaiters are installed correctly in their respective seats on the pistons.



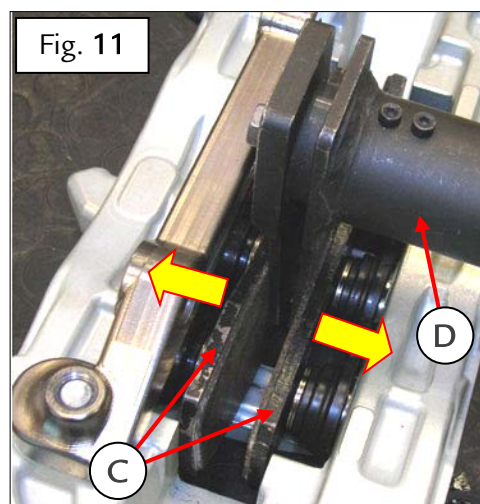


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- The photo aside shows examples of a correctly installed dust gaiter (green arrow) and an incorrectly installed dust gaiter (red arrow)– Fig. 10.



- Fit two metal plates or two worn pads (C) on the pistons, then fit a suitable tool (D) to push the pistons back into their respective seats – Fig. 11.
- Remove the tool and the two metal plates from the brake caliper – Fig. 11.



- Secure the dust gaiters to the caliper, pressing around the circumference of the gaiters themselves to seat perfectly.
- Refit the front and/or rear brake calipers (as described in paragraph D3.05 of the Workshop Manual).
- Bleed the brake system (as described in paragraph D3.10 of the Workshop Manual).

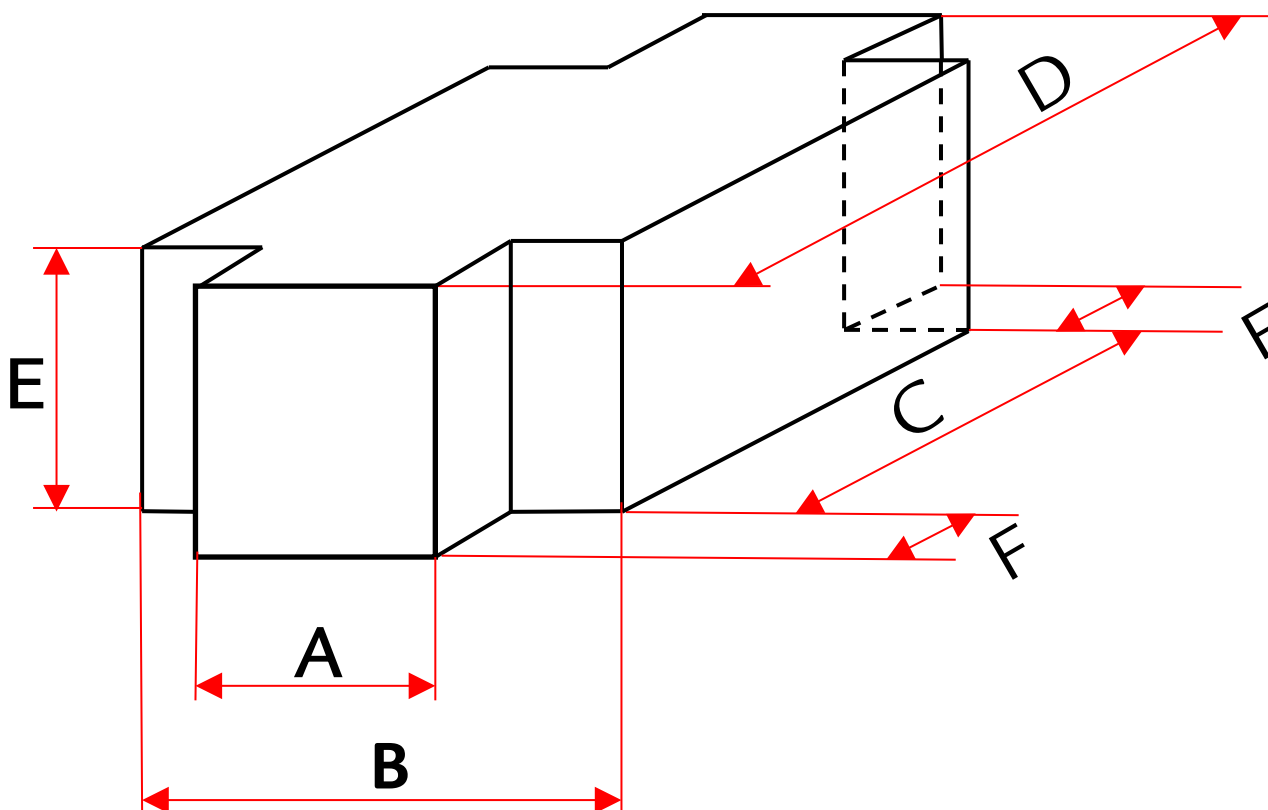
Thank you for your co-operation.



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DIMENSIONS OF METAL BLOCK

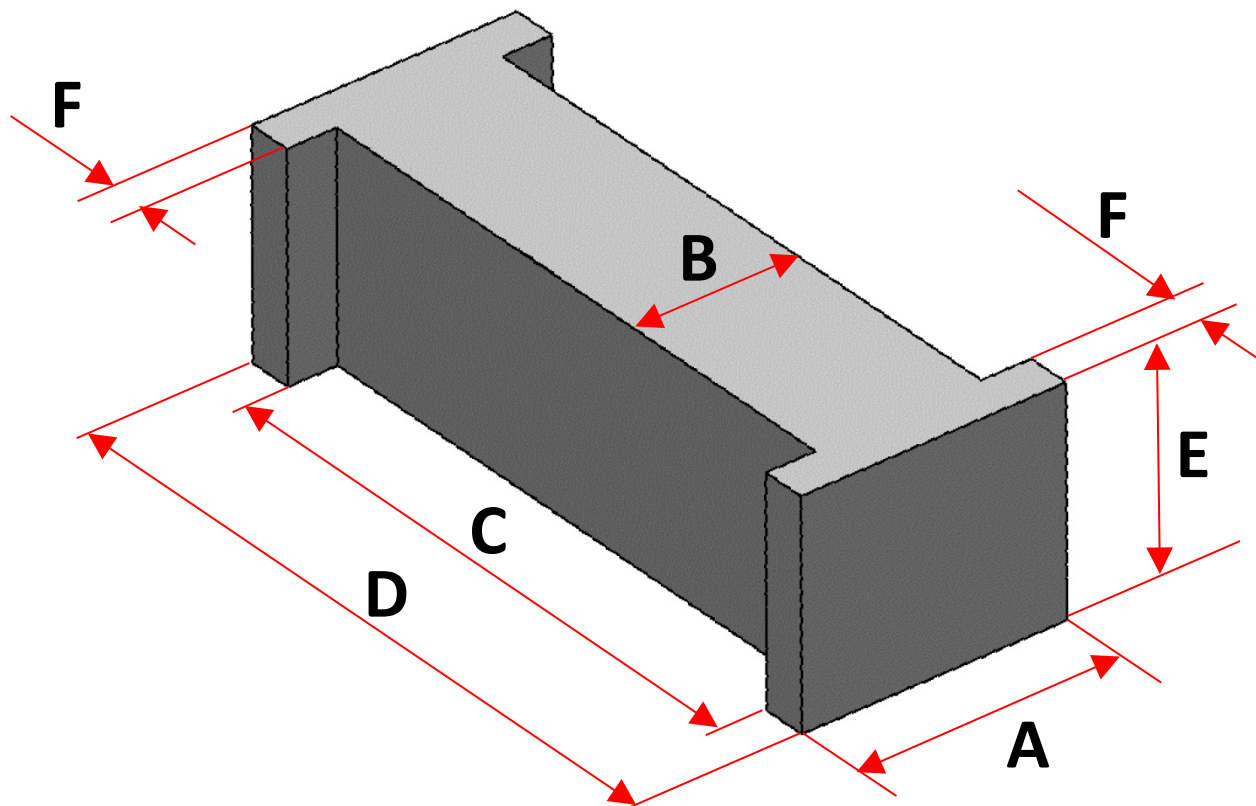
For CALIPERS with PINS (applicable for 488 GTB and 488 Spider)





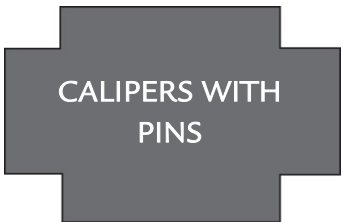
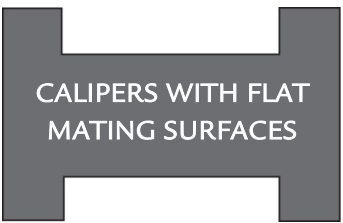
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For CALIPERS with FLAT MATING SURFACES (applicable for CaliforniaT)





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APPLICATION	Block outline (plan view)	A $\pm$ 0.2 (mm)	B $\pm$ 0.2 (mm)	C $\pm$ 0.2 (mm)	D (mm)	E (mm)	F (mm)
<i>488 GTB, 488 Spider (front calipers)</i>		43	49	158	190	60	16
<i>488 GTB, 488 Spider (rear calipers)</i>		39	45	149	181	60	16
<i>CaliforniaT (front calipers)</i>		72	45	164	188	60	12
<i>CaliforniaT (rear calipers)</i>		65	43	112	130	60	9