ROADLOK

Is My Caliper Radial or Axial?

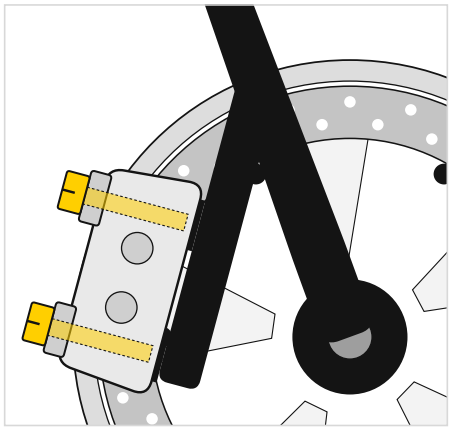
Check the caliper type and bolt spacing before ordering an XRA.

The XRA mounts at the two caliper bolts of a radial front brake caliper. It does not fit axial calipers. The caliper type can change between versions of the same model and between model years, so check the caliper on your bike before ordering.

IDENTIFY THE CALIPER TYPE

Find the two bolts that hold the front brake caliper to the fork leg. These are not the bolts that clamp the front axle, and not the bolts that hold the brake disc to the wheel. The direction of these two bolts shows the caliper type.

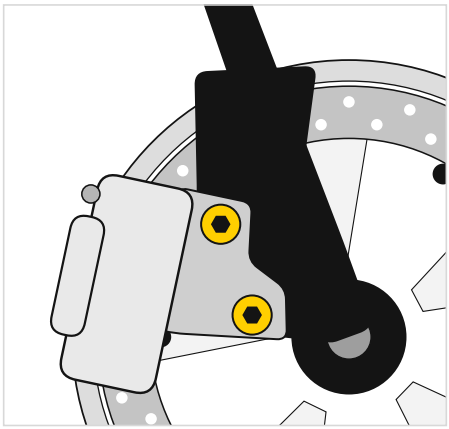
Side view. Front of bike to the right.



RADIAL MOUNTING

Bolts parallel to the disc, pointing toward the wheel center.
Both bolt heads seen side-on from beside the bike.

XRA: FITS (80, 100 OR 108 MM BOLT SPACING)



AXIAL MOUNTING

Bolts at 90° to the disc, parallel to the axle.
Both bolt heads seen face-on from beside the bike.

XRA: DOES NOT FIT

Radial	Axial
The bolts run parallel to the brake disc and point toward the center of the wheel.	The bolts run parallel to the axle, at 90 degrees to the brake disc.
There is one bolt at the top and one at the bottom of the caliper body, both entering from the side of the caliper farthest from the center of the wheel.	Both bolts are on the fork side of the caliper, entering from the side.
From beside the bike, you see the side of each bolt head.	From beside the bike, you see the end of each bolt head, with the socket or hex showing.

If your caliper matches neither description, email a photo taken from beside the bike, with both bolts in view, to support@roadlok.com before ordering.

RADIAL CALIPERS: MEASURE THE BOLT SPACING

Measure the distance between the centers of the two caliper bolts, in millimeters. Measuring from the same edge of each bolt head, for example the top edge of both, gives the same distance.

Bolt spacing	Lock	Typical calipers
80 mm	XRA-80R or XRA-80L	Most Bybre radial calipers
100 mm	XRA-100R or XRA-100L	Most Brembo and BMW-branded radial calipers
100 mm, with a tall bleed valve (the brake bleed nipple) standing out of the middle of the caliper body	XRA-C100R (right side only)	Select Honda Nissin calipers
108 mm	XRA-108R (right side only)	Most Nissin and Tokico radial calipers

The caliper brand is usually cast or printed on the caliper body. The letter at the end of the model name gives the side: R for the right-hand front caliper and L for the left-hand front caliper, as seen sitting on the bike. The fitment list on each product page gives the lock and side for every confirmed model. Bolt spacing can differ between models of the same make, so measure before ordering. ROADLOK does not make an XRA for other bolt spacings.

On some bikes with the correct bolt spacing, the fork is in the way of the lock body. Check that your model is on the fitment list before ordering. For a BMW or Harley-Davidson with 100 mm bolt spacing, order the BMW and Harley-Davidson version of the XRA-100.

AXIAL CALIPERS

The XRA does not fit axial calipers, and no spacer or adapter changes this. For Harley-Davidson axial calipers, email support@roadlok.com about the XDA-302. For other axial calipers, email a photo of the caliper to support@roadlok.com. ROADLOK records these requests for future fitments.

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