



What's the deal with the Hawk Sport Edition Rear Brake Pads?

In 2001-02 Miatas came from the Mazda factory in three "suspension" options. Normal (or Base), Sport, and Hard S. The Sport suspension upgraded the sway bars and other pieces, but the Hard S option added a larger brake package. In 2003-05 all Miatas got these larger brakes, no options.

Most Miatas have a sticker on their passenger side doorjam that will list "HARD S" to show they came from the factory with the larger brakes. Another way to know is if the Miata came with the larger factory 16" wheels to accommodate those larger brakes.

If you don't have any clues, the easiest and most foolproof way to know which brake package you have is to measure your existing rotors.

By Diameter:

Non-Sport Brakes

Front 255mm

Rear 250mm

Sport Brakes

Front 270mm

Rear 276mm

By Thickness:

Non-Sport Brakes

Front 20mm

Rear 9mm

Sport Brakes

Front 22mm

Rear 10mm

Now we can have a look at the specifications and parts listings for the rotors and Hawk brake pads. Hawk has different part numbers for the Sport rear brake pads; one part number for 2001-2003 and another for 2004-2005. The only difference we see besides slight dimensional differences are the "wingtips" that protrude from the top of the backing plates. We are uncertain what these mean, and are fairly certain that they do not matter as all of the other brake pad manufacturers we work with only have one part number for all 2001-2005 Sport Brake option Miatas. Hawk lists a massive amount of vehicles under the "see all vehicles this part fits" list that range from 2001-2005 in various options, and the same for the 03-05 pads, so this makes no sense to us and we cannot explain it!

1994-2005 STANDARD\NON-SPORT



1994-2005 Mazda Miata Standard Front Brake Disc Specifications

Outer Diameter mm: 254.7
(s)olid / (v)ented: V
Height mm: 45
Nominal Thickness mm: 20
Min. Thick mm (Discard): 18

Hub Hole/Whl Reg mm: 55
Number of Studs: 4
Bolt Circle Diameter mm: 100
Bolt/Hole Dia mm or Stud Size: 13
Vane Style: S
Weight (lbs) Including Box: 10.12

Mounting Type: Floating



1994-2005 Mazda Miata Standard Rear Brake Disc Specifications

Outer Diameter mm: 251
(s)olid / (v)ented: S
Height mm: 35
Nominal Thickness mm: 9
Min. Thick mm (Discard): 8

Hub Hole/Whl Reg mm: 55
Number of Studs: 4
Bolt Circle Diameter mm: 100
Bolt/Hole Dia mm or Stud Size: 13
Vane Style:
Weight (lbs) Including Box: 6.45

Mounting Type: Floating

2001-2002 SPORT/HARD SUSPENSION and all 2003-2005 MIATA

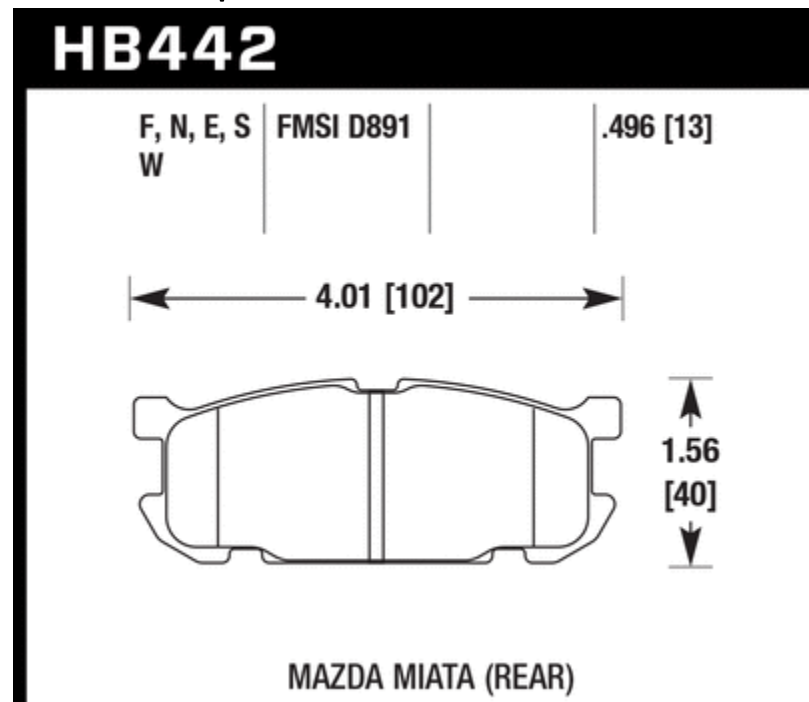
2001-2005 Mazda Miata Sport Front Brake Disc Specifications

Outer Diameter mm: 269.5 (solid / (v)ented: V Height mm: 46 Nominal Thickness mm: 22 Min. Thick mm (Discard): 20	Hub Hole/Whl Reg mm: 55 Number of Studs: 4 Bolt Circle Diameter mm: 100 Bolt/Hole Dia mm or Stud Size: 13 Vane Style: S Weight (lbs) Including Box: 12.96	Mounting Type: Floating
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2001-2005 Mazda Miata Sport Rear Brake Disc Specifications

Outer Diameter mm: 275.5 (solid / (v)ented: S Height mm: 34.4 Nominal Thickness mm: 10 Min. Thick mm (Discard): 8	Hub Hole/Whl Reg mm: 55.1 Number of Studs: 4 Bolt Circle Diameter mm: 100 Bolt/Hole Dia mm or Stud Size: 13 Vane Style: Weight (lbs) Including Box: 9.13	Mounting Type: Floating
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2001-2003 Sport Rear Hawk Brake Pads

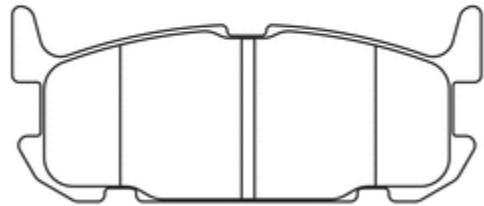


2004-2005 Sport Rear Hawk Brake Pads

HB468

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1.67
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MAZDA MIATA