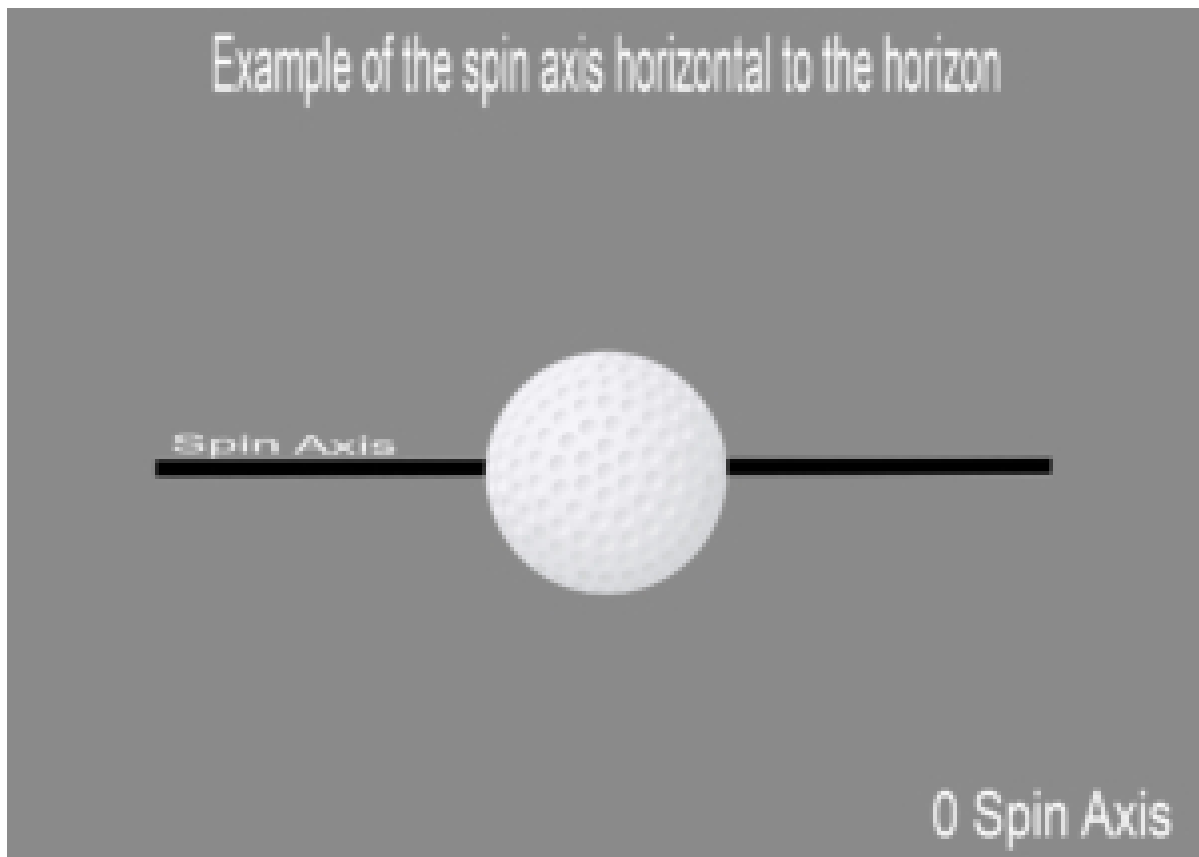


Understanding Spin Axis and Why it is an Important Factor in A Golf Swing

What is Spin Axis? Find out the science behind a golf shot and how it can be important for fixing a golf swing.

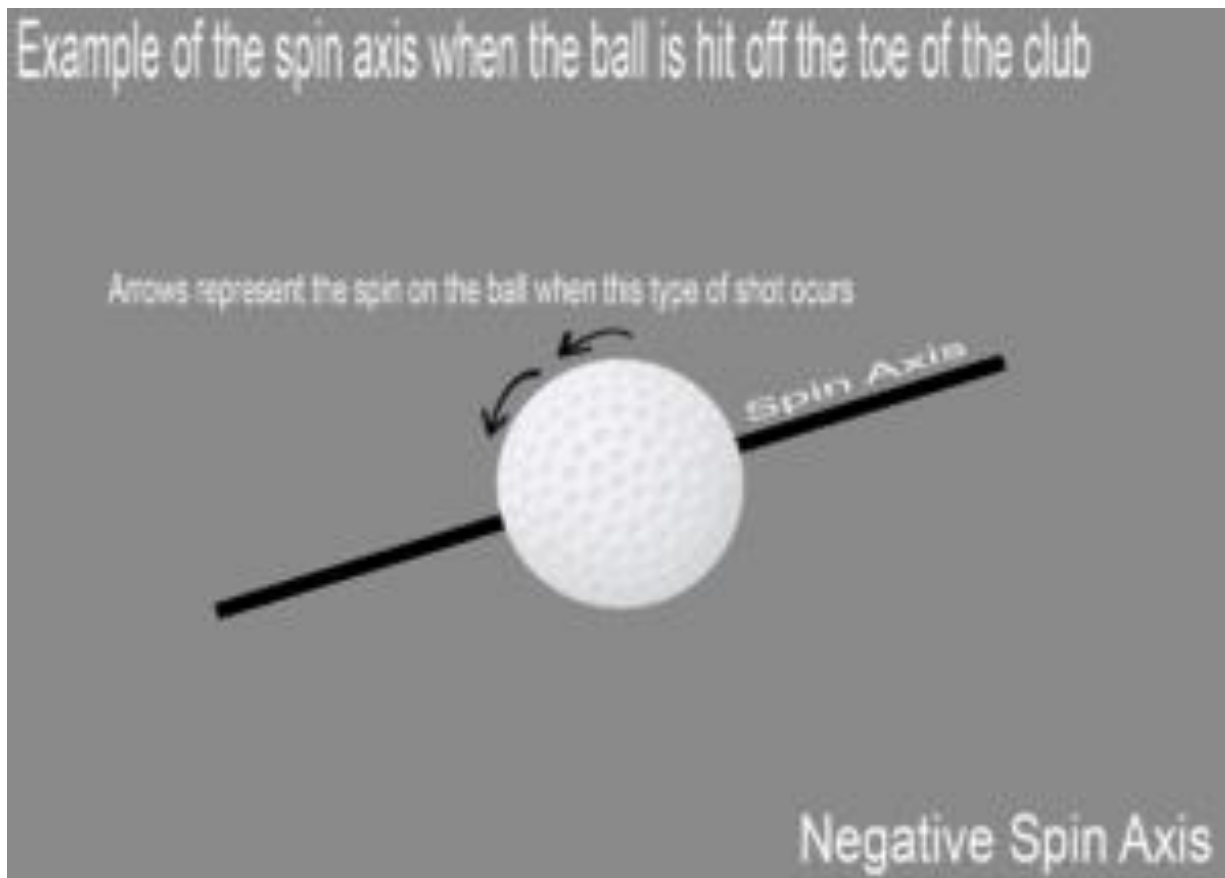
The amount of curvature in a golf shot is known as Spin Axis. There is 0 Spin Axis, Negative Spin Axis, and Positive Spin Axis. All three are important to understand when looking deeper into a golf swing.

Picture a golf ball with 2 poles attached to the end of it, it will help better understand spin axis. If the 2 poles are parallel to the horizon, the spin axis would be 0. Depending on how a club face contacts a ball, determines how much tilt the ball will have on its axis. This causes the ball to either have a 0, positive, or negative spin axis.



Negative Spin Axis

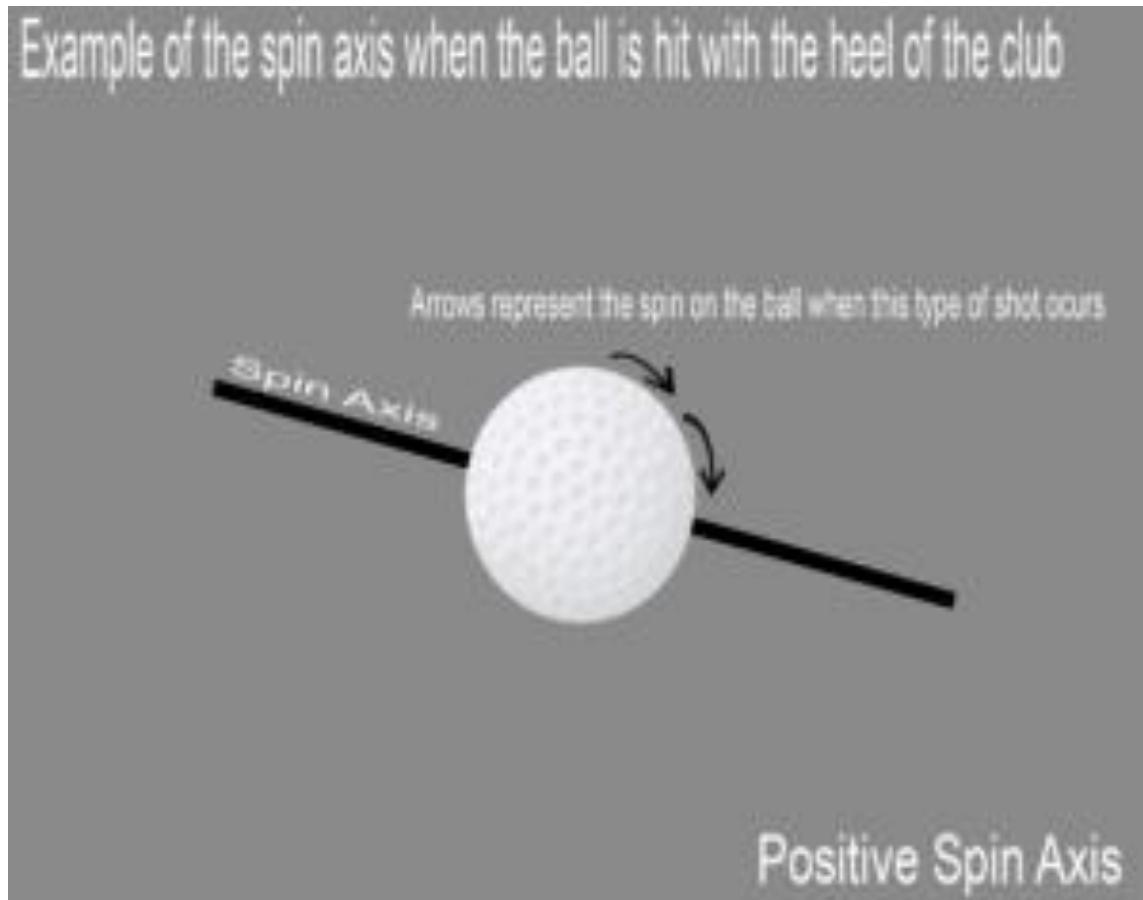
First, we will talk about a negative spin axis. A negative spin axis will display left curvature of a golf ball while in the air. The reasoning of a negative tilt causing a ball to hook or draw, is a club face contacting the ball with the toe of the club. This forces the club face open causing the ball to travel across the club face tilting the spin axis and releasing into the air with a negative spin axis. Now, not every ball hit towards the toe is going to result in a hook. In fact, a -2 to 0 spin axis is near impossible to see any type of curvature in the ball flight. With that being said, the more the axis tilts, and at higher swing speeds the more it will affect the curvature in a ball flight. All in all, if the club face contacts the ball toe first, expect a negative tilt axis and left curvature in a golf shot.



Positive Spin Axis

Next is positive spin axis. Positive spin axis is right curvature of a golf ball. Along with negative spin axis, positive spin axis is created at impact of the golf ball. A club face meeting the ball with the heel of the club face, is going to tilt the axis and generate a positive spin axis. When the heel comes in first, it closes the club

causing the ball to spin off the face. When released in the air, it represents a fade biased ball flight. Same as a negative spin axis, a positive spin axis would be very hard to see in the air if it is at 2 degrees to 0.



There are more reasons behind curvature in a ball flight than spin axis. However, being familiarized with spin axis is a great step to understanding the cause and effect of a golf swing and ball flight.



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