



# Memorandum

**To:** NFHS Member State Association Baseball Liaisons

**From:** B. Elliot Hopkins, NFHS Director of Sports, Sanctioning and Student Services

**Subject:** Inert Bat Sensor Inserts

**Date:** March 1, 2022

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Good Afternoon, I hope this note finds you well and healthy. We have had some umpires in several of our member state associations determine that the Rawlings Quatro Pro Blast non-wood baseball bat is non-compliant with our playing rules because of the yellow plug in the knob cavity. The Quatro Pro Blast is an approved BBCOR bat with or without a bat sensor inserted. The yellow plug is a non-working device that fits inside the cavity of the bat's knob in place of an active sensor. The Rawlings Quatro Pro Blast bat with the yellow plug insert is compliant with NFHS rules.

Rawlings and Blast Motion are two of the many manufacturers that have collaborated to produce bat and bat knob sensor products that will measure several areas of bat swing, bat speed and ball velocity upon impact. Players may use this technology during practice or training, but our rules do not allow the bat to transmit data during competition. NFHS Baseball Rule 1-3-2a3 states: "The bat shall have the following characteristics and components. Be free of rattles, dents, burrs, cracks and sharp edges. Bats that are broken, altered or that deface the ball are illegal. Materials inside the bat or treatments/devices used to alter the bat specifications and/or enhance performance are prohibited and render the bat illegal." As more information about bats and bat knob sensors become available, we will keep you apprised of any further developments. Feel free to contact our office if you have any questions. Thank you and have a wonder winter championship season.

BEH/kjr

Attachment

