## 555 GOLF EDITORIALS

## 'PERFORMANCE EXCELLENCE'

## SHAFT PERFORMANCE

Let's talk practical functionality.

The device that connects the 'Hands & Grip To The Clubhead' has changed quite a lot over the past 40 or 50 years. This will be my 50<sup>th</sup> year playing, studying and teaching 'The Great Game' so I have seen a lot of evolution across that time span. This device we call the 'Shaft' is the inanimate golf engine.

Clubheads have advanced a lot. Remember Australian blades? Grips are far better as well. Remember leather thongs wrapped tightly around the shaft? Then Golf Pride and Victory came along! Things really are better now!

The 'Little White Ball' is getting to damn hot and needs reining in very soon for several reasons! Push back from the manufacturers should come second to the best interests of the game. Who will build the first 8,000 yard course and where? Ridiculous what that does to magnificent golf properties all over the world, especially here in North America. Courses that were 'Tour Staples' are gone!

I am off-topic! It is golf shafts. Interestingly, the real 'Golf Engine' has not changed all that much ... nor his or her 'Handicap'. 'Quiet Triangles' (somewhat 'Passive Hands') still reign supreme! 'Flippy Hand Action' still make us unhappy! Steel has steadily improved, while 'Composite' has been a 'Leap & Bound'. More consistent 'Distance' for sure!

But what the hands reasonably do physiologically, the shaft does mechanically. The shaft has to deal with 3 Hand, Wrist and Forearm 'Planes & Axes', with 9 separate movements. (see 'Turn Vertical Roll [Forearm Longitudinal Axis], Bent Flat Bowed [Vertical Wrist Hinge Pin – Horizontal Action], Cocked Level Un-Cocked' [Horizontal Wrist Hinge Pin – Vertical Action]) All these human motions must be translated through the shaft to the 'Sweet Spot' to the 'Ballistic Point Of The Ball'. We call it the 'Bottom Inside Cheek'. ('BIC')

The shaft resists 'Getting Longer', resists 'Longitudinal or Centerline Axis Torque' and resists 'Bending' in 360 degrees due to any and all 'Wrist Hinge Actions' created or contributed by the 'Human Lower and Upper Body Machines'. Remember, the 'LBM' produces all the 'Horizontal Round & Round Motion' and that the "UBM' creates all the 'Vertical or Up & Down Motion'.

"Welcome Aboard!"
"Enjoy The Ride!"

## SATISFACTION GUARANTEED

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