Warning! Tappet Guide Pin May Rotate

The tappet guide pin is a floating pin and plug design, as shown in Figure 1 below. The floating pin has a rectangular end that engages the groove on the tappet. Refer to Figures 2 and 3. The pin can be rotated by hand. Be certain the pin engages the tappet properly before installing the fuel pump head.

Figure 1: Tappet guide plug, floating pin, and the tappet roller with guide slot.
Figure 2: Bottom view using cut-away cam housing. (a) Tappet guide pin correctly oriented within the bore. (b) Tappet guide pin incorrectly oriented within the bore.

Figure 3: Top view looking down into bore. (a) Tappet guide pin correctly oriented within the bore. (b) Tappet guide pin incorrectly oriented within the bore.