Abstract: Let $k$ be a field, let $G/k$ be a smooth connected linear algebraic group, and let $X$ be a $G$-torsor over $k$. Generalizing a question of Serre, Totaro asked if the existence of a zero-cycle on $X$ of degree $d \geq 1$ implies the existence of closed étale point on $X$ of degree dividing $d$. This question is entirely unexplored in the literature for algebraic tori. We settle Totaro’s question affirmatively for algebraic tori of rank $\leq 2$. 