Abstract: Let $k$ be a field, let $G$ be a smooth connected linear algebraic group over $k$, and let $X$ be a $G$-torsor. Totaro asked: if $X$ admits a zero-cycle of degree $d$, does $X$ have a closed étale point of degree dividing $d$? We give a positive answer in two cases:

1. $G$ is an algebraic torus of rank $\leq 2$ and $\text{ch}(k)$ is arbitrary, and

2. $G$ is an absolutely simple adjoint group of type $A_1$ or $A_{2n}$ and $\text{ch}(k) \neq 2$.

We also present the first known examples where Totaro’s question has a negative answer.