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It is well known that Ramanujan conjectured congruences mod powers of 5, 7 and 11 for the partition function. These were subsequently proved by Watson (1938) and Atkin (1967). In 2009 Choi, Kang, and Lovejoy proved congruences mod powers of 5 for the crank parity function. The generating function for rank parity function is $f(q)$, the first function Ramanujan mentioned in his last letter as being a mock theta function. We prove congruences mod powers of 5 and 7 for the rank parity function as well as new congruences mod powers of 7 for the crank parity function. (Received September 15, 2019)