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A. D. Elmendorf* (adelmend@pnw.edu), Department of Mathematics, Purdue University Northwest, Hammond, IN 46323. *Multiplicative structure in inverse algebraic K -theory*. Preliminary report.

We show that Mandell's inverse K -theory functor preserves multiplicative structure. The motivation for this result is to find an inverse functor to the equivariant algebraic K -theory functor of Bohmann and Osorno, and in particular to answer the question of which G -spectra are represented by their construction. We will discuss how Mandell's result fits into this picture. (Received July 05, 2018)