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(54) **EMOTOR ROTOR CENTERING AND SHIPPING AID**

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(57) **ABSTRACT**

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A shipping jig for an e-motor includes a central axis, an annular disk arranged for fixing to a cover of the e-motor, and a cylindrical portion extending axially from the annular disk and arranged for axially and radially positioning a rotor carrier of the e-motor relative to a stator of the e-motor. The annular disk includes a first plurality of holes distributed about a first bolt circle and a second plurality of holes distributed about a second bolt circle, smaller than the first bolt circle. The cylindrical portion may also be arranged for radially positioning a portion of a resolver relative to the stator. The first plurality of holes may each have a same third diameter and the second plurality of holes may each have a same fourth diameter, greater than the same third diameter.

