

11450.2A Reference Section(s)	RCDR Topic	RCDR Number
2-4.2.1 (f)	Allowance for commercially available travel truck assemblies with gray cast iron or aluminum travel brake housings in general purpose service (GPS) applications	24-005

QUESTION

Q1: NAVCRANECENINST 11450.2A, Section 2-4.2.1(f), requires all motor mounted brakes to have a disc brake housing constructed of steel or ductile/malleable cast iron. Commercially available travel truck manufacturers typically offer brakes made from gray cast iron or cast aluminum, with steel or ductile cast iron not a standard option. Would a brake equipped with a gray cast iron or an aluminum housing be acceptable for these applications?

ANSWER

A1: Yes, for commercially available pre-engineered travel truck assemblies. It should be noted that housings are often called end plates, enclosures, or covers; the term “housing” is intended to refer to a load bearing item.