

insert_property^{11,40}

$\forall T:\text{Type}, eq:\text{EqDecider}(T), a:T, L:(T \text{ List}).$

$(\forall b:T. (b \in \text{insert}(eq; a; L)) \iff ((b = a) \vee (b \in L)))$
 $\wedge (\text{no_repeats}(T; L) \Rightarrow \text{no_repeats}(T; \text{insert}(eq; a; L)))$