

## **no\_repeats\_l\_index\_inj**<sup>11,40</sup>

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

$\text{no\_repeats}(T;L) \Rightarrow \text{Inj}(\{x:T \mid (x \in L)\} ; \{0..\|L\|^{-}\}; \lambda x.\text{index}(L;x))$