

Inference at * 1
of proof for Lemma 1.before_antisymmetry:

1. $T : \text{Type}$
 2. $l : T \text{ List}$
 3. $x : T$
 4. $y : T$
 5. $\text{no_repeats}(T;l)$
 6. $[x; y] \subseteq l$
 7. $[y; x] \subseteq l$
- $\vdash \text{False}$
by Assert $[x; x] \subseteq l$

1:assertion..... NILNIL

$\vdash [x; x] \subseteq l$
2:

8. $[x; x] \subseteq l$
 $\vdash \text{False}$

.