

Inference at *
of proof for Lemma fseg_member:

```
⊢∀T:Type, l1, l2:(T List), x:T. fseg(T;l1;l2) ⇒ (x ∈ l1) ⇒ (x ∈ l2)
  by (((Auto·)
    CollapseTHEN (D (-2)·)·)
    CollapseTHEN ((((((if (first_bool T:b
      ) then HypSubst' else RevHypSubst') ( -2)( 0))·)
    CollapseTHEN (Auto·)·)
    CollapseTHEN (((((RWO "member_append" 0)
  THENM (OrRight)·)
  CollapseTHEN (Auto·)·)
  ·))·
```