```
assert_of_null  THM

⊢  ∀as:T List. null(as) ⟺ as = nil
| by UnivCD THEN Analyze -1 THEN AbReduce 0 THEN RW bool_to_propC 0
|
1. T : Type
2. T List
3. u : T
4. v : T List
5. u.v = nil
⊢  False
  by MoveToConcl 5 THEN Fold ‘not‘ 0
     THEN
     BackThru Thm* ∀h:T, t:T List. ¬h.t = nil    {cons_neq_nil}
END
```