```
every_wf  THM

⊢  ∀'a:Type, p:('a→𝔹), l:'a List. every(p;l) ∈ 𝔹  by RepD
|
1. 'a : Type
2. p : 'a→𝔹
3. l : 'a List
⊢  every(p;l) ∈ 𝔹  by Last ListInd
|
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| 1. 'a : Type
| 2. p : 'a→𝔹
| 3. 'a List
| ⊢  every(p;nil) ∈ 𝔹  by RecUnfold ‘every‘ 0 THEN Reduce 0 THEN Simp
|
.\
. 1. 'a : Type
. 2. p : 'a→𝔹
. 3. 'a List
. 4. u : 'a
. 5. v : 'a List
. 6. every(p;v) ∈ 𝔹
. ⊢  every(p;cons(u; v)) ∈ 𝔹
.   by RecUnfold ‘every‘ 0 THEN Reduce 0 THEN Simp
END
```