```
filter_trivial2  THM

⊢  ∀T:Type, P:(T→𝔹), L:T List. (∀x∈L.P(x)) ⇒ filter(P;L) = L
  by Auto THEN InstLemma ‘filter_trivial‘ [T;P;L] THENA Auto

        THEN HypSubst (-1) 0 THEN Auto
END
```