```
assert_of_bool_eq_bfalse_false  THM

⊢  ∀b:𝔹. b ⟺ b=₂false₂ = false₂  by Analyze 0
|
1. b : 𝔹
⊢  b ⟺ b=₂false₂ = false₂  by BoolInd -1
|
|\
| (no hyps)
| ⊢  true₂ ⟺ true₂=₂false₂ = false₂
| | by Unfold `eq_bool` 0 THEN BoolEval
| |    THEN
| |    Rewrite (HigherC assert_evalC) 0
| |
| ⊢  True ⟺ false₂ = false₂  by Auto
|
.\
. (no hyps)
. ⊢  false₂ ⟺ false₂=₂false₂ = false₂
. | by Unfold `eq_bool` 0 THEN BoolEval
. |    THEN
. |    Rewrite (HigherC assert_evalC) 0
. |
. ⊢  False ⟺ true₂ = false₂  by Auto
. |
. 1. true₂ = false₂
. ⊢  False
.   by ApFunToHypEquands `x` if x⟶ 0 else 1 fi ℤ -1 THEN AbReduce -1
END
```