```
subset_squash_exteq  THM

⊢  {x:A| ↓P(x) } =ext {x:A| P(x) }  by Auto
|
1. A : Type
2. P : A→Prop
⊢  {x:A| ↓P(x) } =ext {x:A| P(x) }
| by BackThru:
|    Thm*  (∀x:A. ↓B(x) ⟺ ↓B'(x))
|          ⇒
|          ({x:A| B(x) } =ext {x:A| B'(x) })
|
|        subset_sq_exteq
|
⊢  ∀x:A. ↓↓P(x) ⟺ ↓P(x)
  by Rewrite by Thm*  ↓↓P ⟺ ↓P    {sq_sq_iff_sq}
END
```