```
pair_unfold  THM

⊢  ∀'a,'b:S, p:('a×'b). p = <1of(p),2of(p)>  by Id THEN StrongAuto
|
1. 'a : S
2. 'b : S
3. p : 'a×'b
⊢  p = <1of(p),2of(p)>  by Analyze 3 THEN Simp THEN StrongAuto
END
```