```
listp_properties  THM

⊢  ∀A:Type, l:A List+. ||l||≥1  by Unfold ‘listp‘ 0 THEN Auto
|
1. A : Type
2. l : {l:(A List)| 0<₂||l|| }
⊢  ||l||≥1
  by D 2  THEN Unhide THENA Auto
THEN RW assert_pushdownC (-1)

     THEN Auto’
END
```