```
ma-sub-join-left  THM

⊢  ∀M1,M2:MsgA. M1 ⊆ M1 ⊕ M2
  by All_MsgA THEN Analyze 0 THEN Unfold_MsgA -1
     THEN
     BackThru
     Thm* ∀B1,B2:(A→Type), eq:EqDecider(A), f:a:A fp-> B1(a),
           g:a:A fp-> B2(a). f ⊆ f ⊕ g
     {fpf_DASH_sub_DASH_join_DASH_left}
     THEN
     All (Unfold `ma-valtype`)
     THEN
     DoSubsume
     THEN
     ProveFpfSub
END
```