

```
1 #include "data/scripts/vars/entity.h"
2 #include "data/scripts/com/bind0010.h" //Grapple binding.
3
4 void bind0020(void vEnt){
5
6     /*
7     bind0020
8     Damon Vaughn Caskey
9     09182010
10    Rebind to anchor and reestablish bound animation. OpenBOR overrides animation bind
11    when bound entity takes damage. This causes serious animation flaws during grapple
12    moves. Runing this function when an entity is put into pain or fall ensures any
13    existing grapple binds are reestablished. Will not work during takedamagescript
14    event as Engine sets pain animations afterward.
15
16    vEnt: Target entity.
17    */
18
19    void vAnch; //Anchor entity (entity target is bound to).
20    int iFrame; //Bind frame.
21    float fOX, fOY, fOZ; //Bind offset.
22    int iDir; //Bind direction.
23    int iIDX; //Bind index.
24
25    if (!vEnt){ vEnt = getlocalvar("self"); } //Target not available? Use caller.
26
27    vAnch = getentityvar(vEnt, BOUNDA); //Target have an anchor entity?
28
29    if(vAnch)
30    {
31        iIDX = getentityvar(vEnt, BOUNDI); //Get bind index.
32        fOX = getentityvar(vEnt, BOUNDX); //Get bind offset X.
33        fOY = getentityvar(vEnt, BOUNDY); //Get bind offset Y.
34        fOZ = getentityvar(vEnt, BOUNDZ); //Get bind offset Z.
35        iDir = getentityvar(vEnt, BOUNDDD); //Get bind direction.
36        iFrame = getentityvar(vEnt, BOUNDFF); //Get bind frame.
37
38        bind0010(vAnch, iIDX, fOX, fOY, fOZ, iDir, iFrame, 0); //Reestablish bind.
39    }
40
41    return vAnch;
42 }
43
44
```