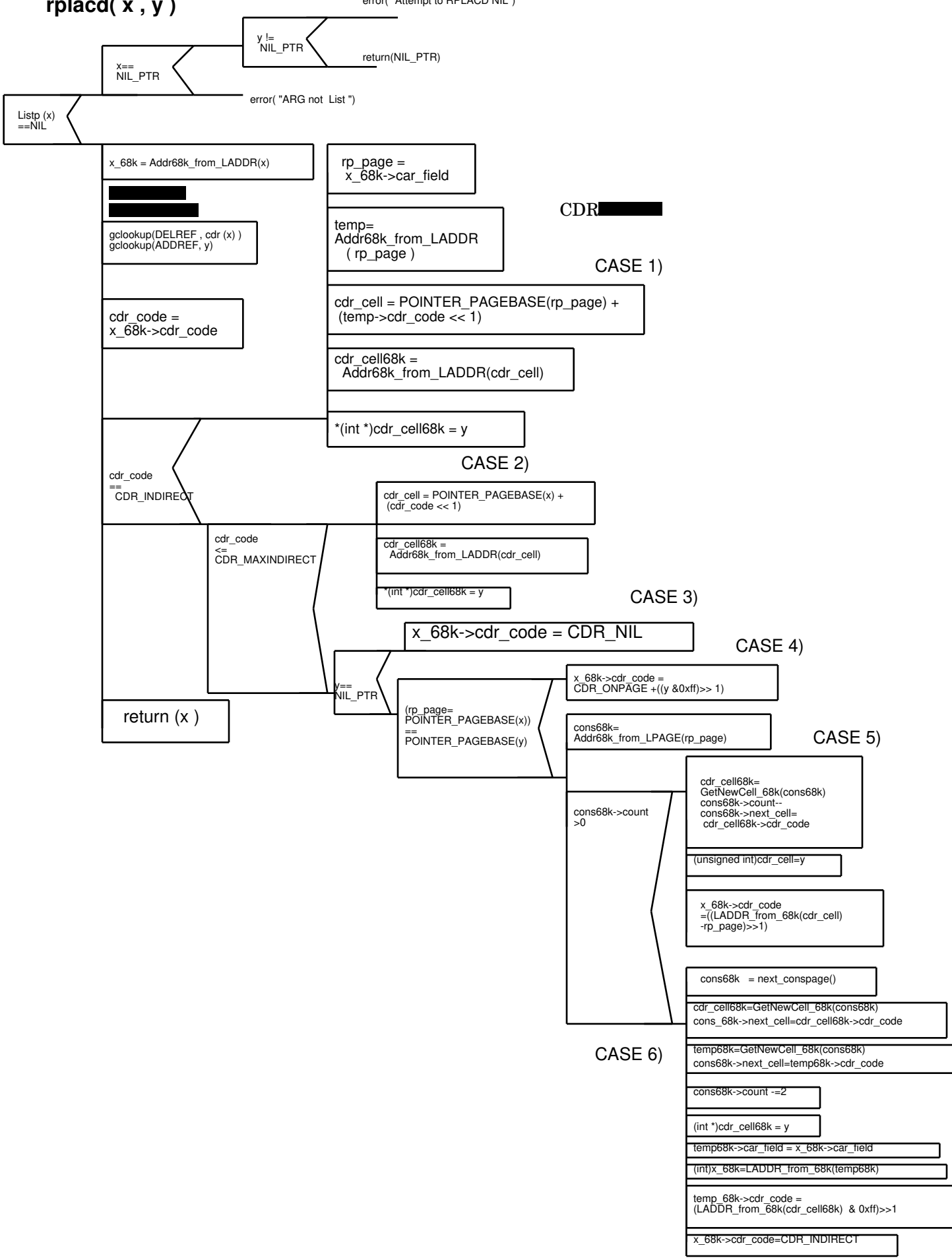
rplacd(x , y)


error("Attempt to RPLACD NIL ")
y != NIL_PTR
return(NIL_PTR)
x== NIL_PTR
error("ARG not List ")
Listp (x) ==NIL
x_68k = Addr68k_from_LADDR(x)
rp_page = x_68k->car_field
CDR
temp= Addr68k_from_LADDR (rp_page)
gclookup(DELREF , cdr (x))
gclookup(ADDREF, y)
CASE 1)
cdr_code = x_68k->cdr_code
cdr_cell = POINTER_PAGEBASE(rp_page) + (temp->cdr_code << 1)
cdr_cell68k = Addr68k_from_LADDR(cdr_cell)
*(int *)cdr_cell68k = y
CASE 2)
cdr_code == CDR_INDIRECT
cdr_cell = POINTER_PAGEBASE(x) + (cdr_code << 1)
cdr_code <= CDR_MAXINDIRECT
cdr_cell68k = Addr68k_from_LADDR(cdr_cell)
*(int *)cdr_cell68k = y
CASE 3)
x_68k->cdr_code = CDR_NIL
CASE 4)
y== NIL_PTR
(rp_page= POINTER_PAGEBASE(x)) == POINTER_PAGEBASE(y)
x_68k->cdr_code = CDR_ONPAGE +((y &0xff)>> 1)
return (x)
cons68k= Addr68k_from_LPAGE(rp_page)
CASE 5)
cons68k->count >0
cdr_cell68k= GetNewCell_68k(cons68k) cons68k->count-- cons68k->next_cell= cdr_cell68k->cdr_code
(unsigned int)cdr_cell=y
x_68k->cdr_code =((LADDR_from_68k(cdr_cell) -rp_page)>>1)
cons68k = next_conspage()
cdr_cell68k=GetNewCell_68k(cons68k) cons_68k->next_cell=cdr_cell68k->cdr_code
CASE 6)
temp68k=GetNewCell_68k(cons68k) cons68k->next_cell=temp68k->cdr_code
cons68k->count -=2
(int *)cdr_cell68k = y
temp68k->car_field = x_68k->car_field
(int)x_68k=LADDR_from_68k(temp68k)
temp_68k->cdr_code = (LADDR_from_68k(cdr_cell68k) & 0xff)>>1
x_68k->cdr_code=CDR_INDIRECT