```
0738   21              ;        to do another line
  39   1F   INC   RF   ;Add 01 to RF index #2
  3A   8F   GLO   RF
  3B   FB   XRI        ;Test if RF.0 = 02 yet
  3C   02
  3D   3A   BNZ        ;If not, branch to 071E
  3E   1E              ;        to do another 3 lines
  3F   DC   SEP   RC   ;Return (via sub handler)
```

(CHANGE LINE)

```
0740   9D   GHI   RD   ;Reset VA value
  41   56   STR   R6   ;   "           "
  42   8D   GLO   RD   ;Reset VB value
  43   57   STR   R7   ;   "           "
  44   F8   LDI        ;R3.0 = address search sub
  45   24
  46   A3   PLO   R3
  47   D3   SEP   R3   ;Do MLS -- add indexes + VA VB/Set "I" to
  48   0A   LDN   RA   ;Get piece @ RA              board square
  49   F6   SHR        ;Shift LSB into DF to check if = 01 white piece
  4A   33   BDF        ;If so, branch to 072F
  4B   2F              ;        Change complete
  4C   F8   LDI        ;Else, store white in board (where
  4D   01              ;        there was a black)
  4E   5A   STR   RA
  4F   30   BR         ;Loop till change is complete
0750   44              ;        to 0744
  51   00   FILLER
```

MOVE GENERATOR SUB

```
0752   GENER  :6E00  ;VE=00 -- Set VE=00 = move list index
  54            6A01  ;VA=01 -- VA is VX board square        Set to
  56            6B01  ;VB=01 -- VB is VY   "         "        square #1
  58   GEN1   :80A0  ;V0=VA -- Save VA VB in V0 V1
  5A            81B0  ;V1=VB --     "           "
  5C            0864  ;LEGAL -- Do MLS -- test for legal move @ VA VB
  5E            3F00  ;SK=00 -- If VF flag = 00 = legal, skip into next
0760           176A  ;GEN2  -- Else jump -- do not store illegal move
  62            AA64  ;LIST  -- Set "I" to move list
```