

Pow Soln 1/30/17

digit options: 0, 1, 2, 3, 7, 8

3002: all incorrect locations; at least one of the digits must be in sequence. If it's 0, it must be first or last.

2801, 2107 and 1203 each have 1 digit in proper place (and it isn't 0). It also can't be 1 because it occurs in 3 different places. So, 2 clues must have the same correct position \Rightarrow leading 2 is right. (which means 0 could only occur last)

1203: Neither 2 nor 0 are placed correctly and 1 cannot occur first, so 3 must be last which eliminates 0 from the sequence

Thus, the last two eligible digits are 7 & 8. 2801 forces the 8 to be third which makes the only sequence to satisfy all conditions:

2783