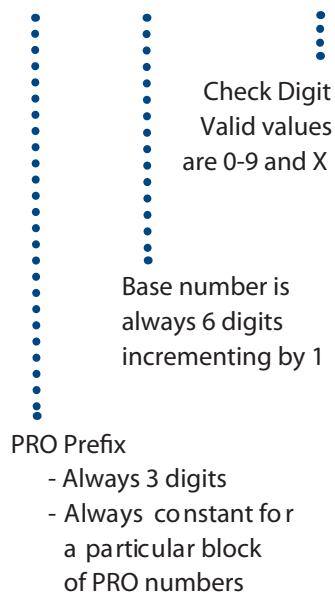


Freight bill numbering

(check digit calculation as of 6/25/12)

999 - 999999 - X



Check digit calculations

Base number = middle six digits

- Divide base number by 11
- If the remainder is zero the check digit is zero
- Subtract the remainder from 11 to produce the check digit
- Substitute the letter X for the check digit 10

Examples

- Freight bill number: 100-340397-9
 - 340397 divided by 11 = quotient is 30945.18
Drop the .18 and then multiply the 30945 by 11 = product is 340395. Subtract that product from the original base number and 2 is the remainder. i.e. $340397 - 340395 = 2$
 - $11 - 2 =$ check digit is 9
- Freight bill number: 828-561881 - X
 - 561881 divided by 11 = quotient is 51080.09
Drop the .09 and then multiply the 51080 by 11 = product is 561880. Subtract that product from the original base number and 1 is the remainder. i.e. $561881 - 561880 = 1$
 - $11 - 1 =$ check digit is 10
 - Must substitute X for 10
- Freight bill number: 111-003542-0
 - 003542 divided by 11 = quotient is 322 exactly so the remainder is 0
 - Since the remainder is 0, the check digit is 0
- Excel Example: Enter the 6 digit Pro Base into cell A1 in excel then in cell B1 copy and paste the following formula and it equal the check digit.

$$=IF(11-MOD(A1,11)=11,0,IF(11-MOD(A1,11)=10,"X",11-MOD(A1,11)))$$