

### Check Digit Calculation (Modified MOD 10)

1. Exclude "1Z" Data Identifier from calculation
2. Convert all alpha characters to their numeric equivalents (see cross-reference table below)
3. From left, add all odd positions
4. From left, add all even positions and multiply by two
5. Add results of steps 3 and 4
6. Subtract result from next highest multiple of 10
7. The remainder is your check digit

### Alpha to Numeric Cross Reference

A = 2	E = 6	I = 0	M = 4	Q = 8	U = 2	Y = 6
B = 3	F = 7	J = 1	N = 5	R = 9	V = 3	Z = 7
C = 4	G = 8	K = 2	O = 6	S = 0	W = 4	
D = 5	H = 9	L = 3	P = 7	T = 1	X = 5	

### Check Digit Example 1

• Tracking Number without check digit:	1Z	123	X56	03	1463	850
1. Exclude "1Z" Data Identifier from calculation:		123	X56	03	1463	850
2. Convert all alpha characters to their numeric equivalents:		123	X56	03	1463	850
3. From left, add all odd positions:						24
4. From left, add all even positions and multiply by two:						28 x 2 = 56
5. Add results of steps 3 and 4:						24 + 56 = 80
6. Subtract result from next highest multiple of 10:						90 - 80
7. Remainder*:						10
8. Check digit:						0
Result:	1Z	123	X56	03	1463	8500

### Check Digit Example 2

• Tracking Number without check digit:	1Z	123	X56	03	1463	860
1. Exclude "1Z" Data Identifier from calculation:		123	X56	03	1463	860
2. Convert all alpha characters to their numeric equivalents:		123	X56	03	1463	860
3. From left, add all odd positions:						24
4. From left, add all even positions and multiply by two:						29 x 2 = 58
5. Add results of steps 3 and 4:						24 + 58 = 82
6. Subtract result from next highest multiple of 10:						90 - 82
7. Remainder:						8
8. Check digit:						8
Result:	1Z	123	X56	03	1463	8608

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