This lesson explains one of the very important rules of the verb DO: the formation of negative phrases.

In English, most negative statements are formed with the negative adverb **not**. When forming negative statements with **not**, the auxiliary verb DO is absolutely required with all main verbs except BE and modal verbs.

The verb DO, in negative statements, is an auxiliary verb. In this role, DO is conjugated for person and tense. The main verb remains in the base form. Here are examples in the simple present.

subject	aux. verb	not	main verb	noun	incorrect
I	do	not	like	bananas.	I not like bananas.
He	does	not	eat	bananas.	He not eat bananas.
Canada	does	not	grow	bananas.	Canada not grow bananas.
We	do	not	sell	bananas.	We not sell bananas.

Note that the adverb **not** always follows the auxiliary verb DO.

affirmative	negative	incorrect
These birds fly.	These birds do not fly.	These birds not fly.
l drink coffee.	I do not drink coffee.	I not drink coffee.
He watches TV.	He does not watch TV.	He not watch TV.

Here are examples in the simple past. Note that the simple past is indicated with **did**. This is true for all grammatical persons.

subject	aux. verb	not	main verb	noun	incorrect
Ι	did	not	plant	bananas.	I not plant bananas.
You	did	not	buy	bananas.	You not buy bananas.
They	did	not	import	bananas.	They not import bananas.



The auxiliary verb DO is frequently contracted with the negative adverb **not**. These contractions are very common in spoken and written English – see contractions with DO.

note: Some English speakers form negative statements with the verb HAVE and the adverb **not** without using the auxiliary verb DO. However, in American English it is much more common to use DO.

without DO	American English (with DO)
John hasn't any brothers.	John does not (doesn't) have any brothers.
We haven't time.	We do not (don't) have time.

He hadn't a care in the world. He did not (didn't) have a care in the world.

Note that in the form without the auxiliary verb DO, the verb HAVE is always contracted with the adverb **not**.

Credit to : https://www.lawlessenglish.com/learn-english/grammar/negation-do/