



# Owner Manual for APY Token

APY Token is a type of token that do rebases in order to increase total supply and distribute it to holders. **Auto rebase (APY) is disabled by default and must be enabled by the owner** (see function 19), this is done to help projects to have a more consistent presale. It has marketing fee, liquidity fee and burn fee. Marketing fee will be collected as BNB at the marketing wallet, liquidity fee will be used for adding liquidity in the name of the dead address which will be locked there for ever and burn fee will send tokens do the dead address automatically. This contract also has ability to change wallet-to-wallet fee status. Max transaction limit and max wallet limit are available if they were chosen while creating the token.

Owner can go to contract address at a block explorer (BscScan for Binance Smart Chain) and find these functions in Write Contract section with the numbers given underneath. Owner must connect to a web3 application, such as metamask, in order to use these functions.

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## 1. Approve

Part of the ERC20 token standard. Mostly called externally to give permission to spend.

## 2. Change Marketing Wallet

Changes marketing wallet to the inputted address.

## 3. Claim Stuck Tokens

Owner can use this function to take out BNB or ERC20 tokens out of the contract if they been sent by mistake. Owner cannot use this function to take out native tokens. Address 0 (0x00) should be used for recovering BNB and contract address for any ERC20 tokens. The contract will automatically send its all balance to owner for the given currency.

## 4. Decrease Allowance

Safer way if using approval system in certain cases.

## 5. Enable Wallet to Wallet Transfer Without Fee

If enabled transfer between wallets will not be taxed. Owner can only input **true** or **false**. When the state is **true** there will be no fee for wallet-to-wallet transfer and wallet to wallet transfer will be taxed according to total sell fees when it is set to **false**.

## 6. Exclude from Fees

Used for excluding or including addresses from fees. First column is for the address and second column is for the state. When the inputted state is **true** that address will be excluded from paying fees if the state is **false** that address will pay fees.

## 7. Increase Allowance

Safer way if using approval system in certain cases.

## 8. Manual Sync

After each rebase, contract automatically syncs with the liquidity pool. This manual option is included as a safety mechanism. Should not be needed to use.

## 9. Renounce Ownership

Ownership will be transferred to the 0 address and will be unrecoverable forever.

## 10. Set Auto Rebase

This function changes the status of auto rebasing. Input must be a Boolean. When it is set as **true** it will rebase and when it is set as **false** it will stop rebasing.

## 11. Set Enable Max Transaction Limit (Can be only used if activated in token creation)

This can be used for enabling and disabling Max Transaction Limit for everyone. Input must be a Boolean. When it is **true** max transaction limit will be active and will be disabled if it set as **false**.

## 12. Set Enable Max Wallet Limit (Can be only used if activated in token creation)

This can be used for enabling and disabling Max Wallet Limit for everyone. Input must be a Boolean. When it is **true** max wallet limit will be active and will be disabled if it set as **false**.

## 13. Set Exclude from Max Transaction Limit (Can be only used if activated in token creation)

Used for excluding or including address from max transaction limit. First column is for the address and second column is for the state. When the inputted state is **true** that address will be excluded from max transaction limit if the state is **false** that address will be included in max transaction limit.

## 14. Set Exclude from Max Wallet Limit (Can be only used if activated in token creation)

Used for excluding or including address from max wallet limit. First column is for the address and second column is for the state. When the inputted state is **true** that address will be excluded from max wallet limit if the state is **false** that address will be included in max wallet limit.

## 15. Set LP

Changes the liquidity pair address. Should be avoid using in most cases.

## 16. Set Max Transaction Rates (Can be only used if activated in token creation)

Used for setting max transaction rates. First column is for the buy transaction limit and seconds is for the sell transaction limit. Input must be bigger than or equal to 1. 1 as input is equal to 0.1% of total supply.

## 17. Set Max Wallet Rate (Can be only used if activated in token creation)

Used for setting max wallet limit rate. Input must be bigger than or equal to 10. 10 as input is equal to 1% of the total supply.

## 18. Set Swap Back Settings

Sets the amount of tokens that is needed to trigger swaps. Contract will swap its tokens once its balance reaches the set amount. First column is a Boolean which enabled and disables the swap. Second column is the token amounts rate to total supply. Cannot be set lower than the 0.001% of total supply. 1 as input is equal to 0.001% of the total supply.

## 19. Start APY

Starts the APY rewards.

## 20. Transfer

Part of the ERC20 token standard. Transfer tokens from caller to recipient address.

## 21. Transfer From

Part of the ERC20 token standard. Transfer tokens from sender address to recipient address  
Caller must have allowance from the sender address.

## 22. Transfer Ownership

Transfers ownership to the inputted address.

## 23. Update Fee Shares

Decides the share of each fee types share in the collected tax. All shares must add up to 100. 10 means that fee will get 10% of the total tax collected.

## 24. Update Fees

Used for setting the fees for buy and sell. Both fees must be lower than or equal to 25%. 5 as input is equal to 5% tax.