



# Coinbird Cryptocurrency

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## ABSTRACT

Coinbird (HONK) is a cryptocurrency initially deployed on the binance smart chain. The purpose of this paper is to give the reader a brief overview of the unique smart contract architecture, how each trade involving HONK is set up and what the Goose Reward System is. A few further functions outside the scope of the Goose Reward System will be addressed as well. The original code can be found here: [www.github.com/coinbirdgustav](https://www.github.com/coinbirdgustav)

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## PRELIMINARY NOTICE

For any genuine questions, remarks or improvement proposals feel free to contact the developer of the contract under [gustav@coinbird.io](mailto:gustav@coinbird.io). Coinbird (HONK) is copyright protected and redeployment or modification of any kind, even without monetary gain, is prohibited.

## MAIN PAPER

### Co-evolved contracts in the code architecture:

In order to increase security and protect funds involved in the Goose Reward System from malicious attacks, coins from trades are not gathered in wallets but in empty contracts. For this purpose Coinbird is interlinked with 4 unique contracts in its architecture.

*Coinbird: Farm* - contract deployed at `0x2f2859732e7d5E1b15A8F725E7F45FD092E63d6` as "Cast Iron Shield". Funds gathered in this address are rerouted as rewards back to users who are staking any amount of HONK.

*Coinbird: Raffle* - contract deployed at `0xF7aa6566f731033C1Fc4169014F8E33110A66218` as "Fire Shield". Funds gathered in this address are rerouted as prizes back to the winners of the Goose Raffle Game.

*Coinbird: Cashbacks* - contract deployed at `0x1764e5702e528Ea7782218B12A5dE11a43ef521f` as "Lava Vault". Funds gathered in this address are rerouted back to HONK buyers as cashbacks, whenever these are active.

*Coinbird: Legal Tender Securities* - contract deployed at `0xF9091c9256adBFD3071463e242a5Dd5Aa4d6E75b` as "Electric Shield". This address works as an inaccessible vault for farmed coins. Whenever a user farms any amount of HONK, it is safely stored in this contract until the user decides to draw it out and put it back in their wallet.

### Liquidity & LP Protection

Initially 2000 BUSD were paired with the total supply of HONK, thus establishing a base price of 0.0002\$ per HONK. The liquidity pair is constantly increased with the funds gathered in the *Liquidity Wallet*. The provided liquidity is protected with the Eternity Lock. The pair can be found in this address: *(will be announced soon)*

*Eternity Lock*: the eternity lock is a distinctive smart contract that locks the provided liquidity. The duration of the lock can under no circumstances be decreased.

### Trade - Security

Each trade will initially go through the following security checks before even being allowed to proceed:

*The anti-whale protection system*: this system disallows individual wallets from holding more than a fixed number of coins. The upper limit equals the "anti-whale factor". The anti-whale factor is bound between 0.10% and 10.00% and currently set at **9.50%** of the total supply. Were a trade to result in the recipient holding an amount of coins exceeding the limit set forth by the anti-whale factor, the transaction would simply not go through. In such a case the execution will succeed but the transaction will smoothly revert.

*The anti-rug protection system*: this system disallows trading a number of tokens in a single execution that surpasses the "anti-rug limit". The anti-rug limit is bound between 0.10% and 10.00% and currently set at **8.75%** of the total supply. Were a user to transfer an amount of coins exceeding the limitation set forth by the anti-rug boundary, the transaction would not go through. In such a case the execution, just as we've seen above, will succeed but the transaction will smoothly revert.

### Trade - Base Distribution

Following factors are activated on each trade involving HONK:

*Cashback factor*: bound between 0.00% - 0.50%, this factor allows part of the traded coins to be rerouted to the "Coinbird: Cashback" contract. The Cashback factor is currently set at 0.10%.

*Farm factor*: bound between 0.00% - 0.50%, this factor allows part of the traded coins to be rerouted to the "Coinbird: Farm" contract. The Farm factor currently runs at 0.15%.

*Game factor:* bound between 0.00% - 0.50%, this factor allows part of the traded coins to be rerouted to the "Coinbird: Raffle" contract. The Game factor currently runs at 0.20%.

*Goose factor:* bound between 0.20% - 0.50%, this factor allows part of the traded coins to be rerouted to the wallet operated by the Coinbird itself. The Goose factor currently runs at 0.30%.

*Liquidity factor:* bound between 0.10% - 7.00%, this factor allows part of coins to be rerouted to the *Liquidity Wallet*. These coins are then swapped for BUSD and added to the liquidity pool. The liquidity factor currently runs at 7.00%.

**Slippage** (for trades at pancakeswap) is therefore currently to be set at **8.30%**.

### Goose Reward System

Following benefits are part of the coinbird (HONK) ecosystem:

#### *Goose Raffles:*

Each wallet that buys more than **500000** HONK automatically takes part at the upcoming Goose-Raffle before the next reset. These raffles allow users to win a lot of coins simply by holding HONK. The winners are announced every time a raffle takes place through a variety of channels. The amount won is variable and changes every time.

*Last reset:* no reset has taken place yet.

#### *Goose Cashbacks:*

Cashbacks allow a percentage of HONK to be added as a purchase bonus to the buyer's wallet, whenever they buy any amount HONK. These are enabled from time to time with a variable return. The cashbacks are currently deactivated.

*Example:* A user spends 100\$ to buy 100 HONK. When cashbacks with a 20% return on investment are activated, the buyer will receive 120 HONK in their wallet, although they only paid for 100. The extra amount of HONK is transferred from the *Coinbird: Cashbacks* contract.

#### *Goose Farms:*

Unary farms have been implemented in the coinbird smart contract, thus providing users with the possibility to in a sense earn interest on their HONK investments by storing it in special contracts. The Goose Farms have not yet been activated. An extensive "how to use" guide will be uploaded once the farm-UI is finalized.

## Further Functions

*Slay*: in order for a HONK holder to call this function, they must enter an amount of coins lower or equal to the amount of HONK that is currently in their wallet. This function "slays" the coins, effectively reducing the available total supply of tokens and thus increasing the value of each individual HONK.

*Fresh Soil*: this function can only be called by a Coinbird protector, the "*Ice Goose*". It boosts the farms by increasing the reward pots with coins that are rendered "stuck", effectively forcing them back in circulation.

## **CONCLUSION**

This concluded the Scroll of HONK. This document will be extended and revised regularly in the future.