



FERAL DOG DATASHEET

- Species Name: Chusquito Peruano
- Reverse Engineer: Diego Rotalde
- Logic Development

The second page contains my logic. I am supposing our dogs won't have another way of communicating but by the release of VOCs. There are certain good aspects about it, as well as bad ones, which I will explain later. like now.



The dog I modified is called "Baby Rocket Puppy" produced by Fisher Price. It is a largely mechanical dog aimed for young kids. Here are the original parts of the body I used.

In the dog's head lay the majority of its "electronic brain", which controlled two motors, one in the body and one located in the upper head. The whole internal mechanism of the dog was removed including these motors and its electronic motherboard.

Having removed most of the original internal elements, the walking mechanism was preserved as it seemed as a good opportunity to use and expand on the already existing dog's hardware. This is my dog's special feature.

The problem I encountered when using the internal steering mechanism was that the original cam mechanism used to move the legs in opposite directions required a large force from the servo. The plastic body could barely withstand this force without deforming. An aluminum plate was added to the dog's side to provide for the strength the external body was lacking.