

**Parts List:**

- 1) 3D Printed Casing
- 2) Road
  - a) Home Made Model (DIY)
- 3) Car Module
  - a) Home Made Model (DIY)
  - b) Moves Forward and Backward
  - c) Kinetic Force
- 4) Small Mini Stepper Motor
- 5) Arduino MC
  - a) Data Cable
  - b) PC
- 6) Switch (Toggle)
  - a) Pushbutton
- 7) BreadBoard Small
- 8) LED
  - a) Analog
  - b) Any Colour
- 9) Wires
  - a) Male
  - b) Female
- 10) Special Docking Thing
  - a) Has screw ports for +/-
- 11) LCD Panel
  - a) Output Data and Status
- 12) Miscellaneous Items For Cosmetics
- 13) Capacitors (?)
  - a) Hold Charge....
- 14) Inductive Charging Coil
  - a) Controller Board (Should come with)
  - b) <https://www.adafruit.com/category/331>
  - c) Small/Compact/Rectangular
  - d) Decent Reach
  - e) High Output
  - f) Penetrate Casing
  - g) Arduino Compatible
  - h) POSSIBLE MATCH (<https://www.adafruit.com/product/4430>)
    - i) Doesn't Fit Dimension Requirements
  - i) [https://www.google.com/search?q=ultra+compact+inductive+charging+circuit&srf=APq-WBveBxI1QtQzLLCKd6z-Tm6v5i87Qw:1649553085987&source=Inms&tbm=isch&sa=X&ved=2ahUKEwirp-mNqlj3AhU-k4kEHeBgAQIQ\\_AUoAnoECAEQBA&biw=1707&bih=809&dpr=2.25#imgsrc=6MX0pSQQmGGhEM](https://www.google.com/search?q=ultra+compact+inductive+charging+circuit&srf=APq-WBveBxI1QtQzLLCKd6z-Tm6v5i87Qw:1649553085987&source=Inms&tbm=isch&sa=X&ved=2ahUKEwirp-mNqlj3AhU-k4kEHeBgAQIQ_AUoAnoECAEQBA&biw=1707&bih=809&dpr=2.25#imgsrc=6MX0pSQQmGGhEM)