

Email Message

Dear All,

This week our linear actuator arrived and since we have our arduino we started to build the circuit for our project. The Windynation actuator ended up being too large for our project, so we had to order a new slightly smaller one that will be arriving early next week. In the attached weekly report, you can see the basic circuit diagram we will be using. Our circuit will end up being slightly different from this one because we will need to incorporate a switch so the actuator can move in both directions (lengthen and shorten). We hope to have the circuit built and the actuator functioning by sometime next week.

Sincerely,

Kyle Sachdev, Brian Dallesasse, and Taylor Hughes

Project created on 06.09.2016 02:03.

Report for project Senior Design


Task created on 26.01.2017 19:17.

Parts

No due date

No description

Task tags: *No tags*

 Windynation Linear Actuator [*IMG_0487.JPG*]

Uploaded by Kyle Sachdev on 10.02.2017 02:06.



 Comments for result Windynation Linear Actuator

Kyle Sachdev on 10.02.2017 at 16:37: This is the original linear actuator that is too large for our project. We ordered a new one that is getting here early next week

* Created by Kyle Sachdev on 10.02.2017 02:04.

- Ordered and received linear actuator (\$60)
 - Windynation linear actuator with 6" stroke length
 - size of the device is too large
 - There is a picture in the image section
- Ordered new linear actuator (\$60)
 - ECO-WORTHY Heavy Duty 330lbs Solar Tracker Linear Actuator Multi-function
 - 4" stroke length
 - smaller size than previous one

 Comments for result

No comments


Task created on 10.02.2017 03:09.

Arduino and Circuit

No due date

No description

Task tags: *No tags*

 Circuit diagram [*CircuitDiagram.jpg*]

Uploaded by Kyle Sachdev on 10.02.2017 03:11.

🗨️ Comments for result Circuit diagram

Kyle Sachdev on 10.02.2017 at 03:13: Approximate circuit design for the use of our linear actuator. Our actual circuit will be slightly different from this one because we will be incorporating a switch so the linear actuator can both expand and contract

* Created by Kyle Sachdev on 10.02.2017 03:11.

- Using an arduino uno as our microcontroller
- Borrowing it from Professor Widder for the length of our project

🗨️ Comments for result

No comments