

MATE ROV Building Tutorials for the SCOUT Class (Introductory ROV Building)

DPDT Switches

for Robotics and Engineering Class (Scout level)

The following videos are designed to be used by teachers, students, mentors and parents to assist with ROV building. These are created by the MATE program and these videos are still a work in progress. The videos are password protected. The password is: **zande**

Please review the following two videos. Try to answer the questions to the best of your ability and understanding. You can submit this assignment at <http://www.mountainhomecharter.org/rov-classwork.html> or turn it in at the next class. MATE would also like feedback on these videos.

Tutorial 2A: Basic Circuitry with DPDT Switch (1:34) <http://vimeo.com/album/2352184/video/64323120>

1. Define DPDT.

Tutorial 2B: Wiring a Motor to Run in Forward or Reverse (4:49)

<http://vimeo.com/album/2352184/video/64335287>

1. Draw a picture of a DPDT switch and explain how it works.

Any comments regarding what you liked, did not like, or ways to improve these videos or questions: