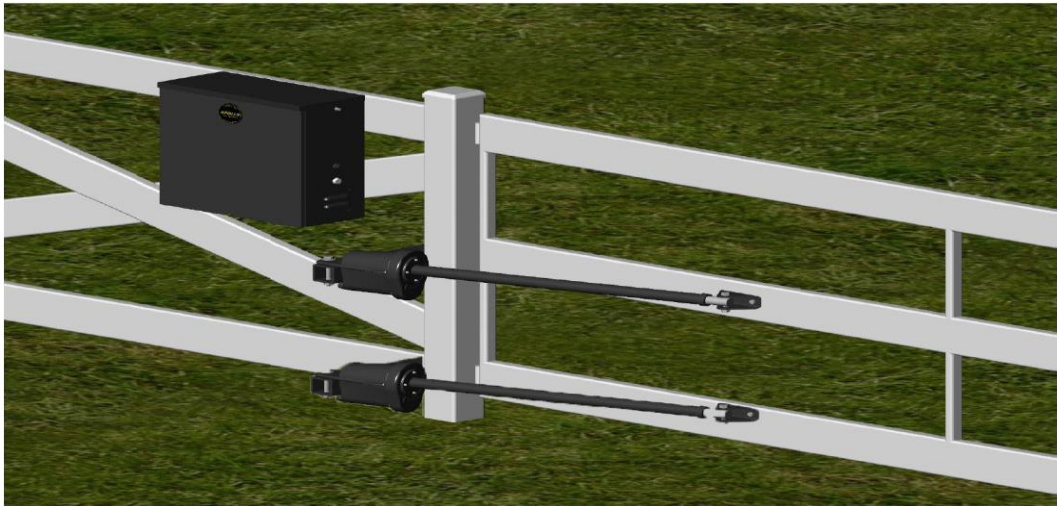


Nice Hysecurity Using 2 x 416 or 816 Arms on the Same Gate Leaf



While this application is possible with the Nice Apollo 416/816 it is not recommended, and is not covered under warranty.

While this is not impossible – it is pretty difficult to do properly.

In order for this to happen – here are the requirements:

1. 636 Dual Control Board
2. (2) Actuators – either 416 or 816 or any combination.
3. EXACTLY Equal length cable to both motors
4. EXACTLY the same mounting geometry for pivot arm and gate bracket
5. EXACTLY the same motor speed in the actuators.

If you get all of this accomplished – then it could work.

If any of the above points are not achieved, the two motors will fight one another and it will be worse than if only one motor was trying to do the job.

There are then two ways of going about the wiring:

1. **(BEST)** Wiring both motors to ONE side of the board. This would ensure that the voltage to the motors is leaving the board at precisely the same time (no delay between relays firing due to slight differences in components in the board). In this scenario – you would NOT hook up the limits in one of the two motors. Amperage to both motors would total 15A maximum.
2. Wiring motors to separate sides of the board. IF the relays fire at the same time, this would allow for up to 15 amps to each motor. The limits from one motor would NOT be hooked up and the limits from the other actuator would be connected to both sides of the board.