Basic Motor Wiring chart – Claw Bot

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| Motor # | Motor | Motor function/location | PWM or Port | Rotation/Special | Controller location |
|  |  |  |  |  |  |
| 1 | 393 | Chassis Movement - Right Front  | PWM 1 | Clockwise/ +127 | 2 |
| 2 | 393 | Chassis Movement – Left front | PWM 10 | Anti-Clockwise/ -127 | 3 |
| 3 | 393 | Shoulder Lift up | PWM 7 | Clockwise/ +127 | 5U |
| 3 | 393 | Shoulder Lift Down | PWM 7 | Anti-Clockwise/ -127 | 5D |
| 4 | 393 | Claw open | PWM 6 | Clockwise/ +127 | 6U |
| 4 | 393 | Claw Closed | PWM 6 | Anti-Clockwise/ -127 | 6D |
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