Torxis Servo Instructions and Cautions

Red Series (Red Housing) Electrical Connection:

The heavy gauge red and black wire pair with tinned ends provides the supply power for the motor at 12VDC. Black is power ground, red is +12VDC. Applying reverse voltage will damage the unit and will not be covered by warranty. Be sure power ground is connected. Loose or un-connected power ground will cause back feed through signal ground and may damage receiver, wiring or both.
Control signal is provided by the RC servo styled connector and will plug into popular RC receivers. In the RC connector, the white wire provides the PWM signal. The black wire in the servo connector provides signal ground.

Industrial Series (Black Housing) Electrical Connection:

Red wire is +12VDC
Black wire is 12VDC ground
White wire is 5VDC signal (pwm or analog depending on model)
Green wire is signal ground
Applying reverse voltage will damage the unit and will not be covered by warranty. Applying voltages higher than 5VDC to the signal cable will damage the unit as well.

Mechanical Details:

By default, the servos are programmed for 90 degrees of travel with popular RC radios unless you have ordered one of the specially programmed industrial units (black housing). These limits can be reprogrammed to allow travel in excess of 180 degrees. For additional information go to www.torxis.com.

The supplied horn is tapped with #10-32 holes. Included with the assembly are white nylon spacers that can be used to stand the servo off for flush mounting to clear the screws in the face plate of the unit. Mounting holes are provided for ¼ screws or 6mm screws as applicable.

Caution: This unit provides extremely high torque and can pinch, cut or severe body parts placed in the area of the moving components. Output shaft may move suddenly when power is applied.