

PROPER CONNECTIONS FOR SERVO PLUGS & CABLES

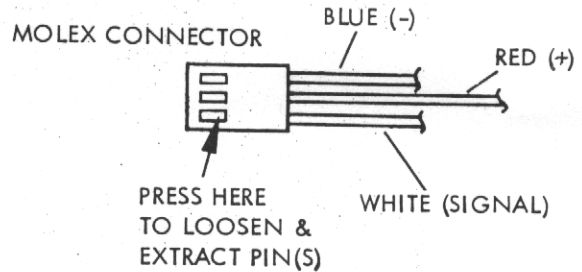
When connecting servos, especially other non-standard types to any system, regardless of make, take the following precautions to obtain correct operation and avoid possible equipment damage:

1. Be sure plug types match exactly. Install correct type if needed.
2. Check that Servo and Receiver PLUS, MINUS and SIGNAL wires are identical between servo and receiver. Reverse polarity can kill a servo faster than you can plug it in!!
3. If in doubt, check PLUS and MINUS pins with a voltmeter on your receiver-to-servo plugs. Make sure Servo Wiring matches RX - Check color coding.

Several plug configurations are shown below. If you are changing plugs be sure wiring is correct before plugging in servo and/or turning power ON.

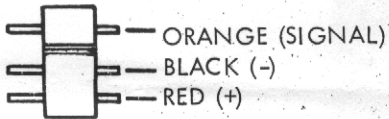
CHARLIE'S HI-TORQUE SERVOS

Charlie's Hi-Torque Servos are equipped with Molex plugs. If used with other systems similarly equipped, CHECK WIRING FIRST. If PLUS, MINUS and SIGNAL WIRES do not agree, rearrange servo plug wires to match. To do this, push a tiny screwdriver down through the incorrect plug pin slot, release the connector pin, then pull wire and pin out from backside of connector. Reinstall pin wires into other slots as necessary for correct match, then servo will work with your system.



STANDARD CANNON/CHARLIE SERVOS

Standard CANNON and CHARLIE servos utilize 3-pin Dean's plugs wired as shown below. Before plugging ANY servo into your system, make certain all wiring is compatible. We assume no responsibility for damage or incorrect operation resulting from improper wiring.

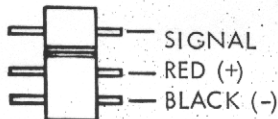


MULTICON SERVO PLUGS (KRAFT)

On these plugs, if white wire is not needed cut wire off at plug and remove wire from cable. Standard servo connections are RED for Plus (+), BLACK for Minus (-) and ORANGE for Signal.

CIRRUS SERVO PLUGS

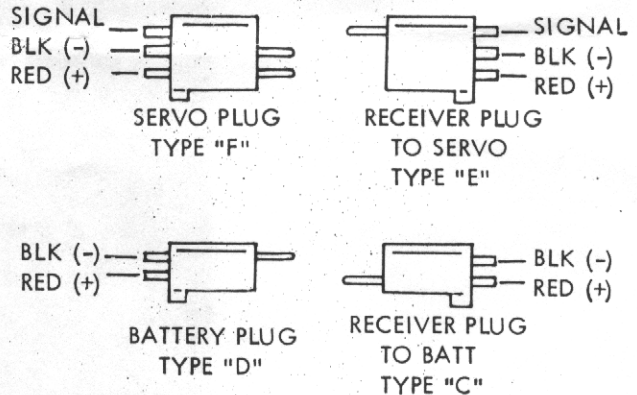
Cirrus plugs should be wired as follows:



Note: Cirrus Male plugs will mate with Dean's 3-pin female connectors, but correct wire connections must be used.

CANNON MICRO PLUGS (1980-1985)

Standard CANNON Micro servos (through 1985) utilize special subminiature MICRO-PLUGS, wired as shown. It is MOST IMPORTANT that wiring be checked before plugging servos into receiver, or sensitive I.C.'s can be blown. NEVER plug servos INTO or remove them FROM the System unless POWER IS OFF!



When ordering MICRO PLUGS, be sure to specify plug type (Type "F", etc.).

STANDARD FUTABA PLUGS

On these plugs RED wire connects to (+), BLACK wire to (-) and WHITE wire to Signal.

COX-SANWA SERVO CABLES

Wire these plugs as shown below:

