

Quad Sensor

Direction Wire (D1, white), spin charge and discharge and watch the changes on the multimeter. This can be checked by performing a continuity test (Ω /resistance) on your multimeter. Red lead to white wire and black lead to ground. Should read approximately 0-1 ohms (Ω) when charging (no more than 1000 ohms). Should read "OL" (∞) when the drum is discharging or when the drum is stopped.

Speed Wire (S1, blue), spin the drum and read the HZ, use the frequency (Hz) on the multimeter. When drum is spinning frequency should read above 0 Hz and depending on the gear ratio and current drum speed may read up to 1500 Hz.

If a new quad sensor is installed make sure the sensor is properly aligned (depth set), make sure not to bottom out the sensor. Refer to the OEM Mixer Service manual for more information.

We add 1k pullup resistor to our harness for the speed wire (S1, blue). This can be checked by performing a continuity test (Ω /resistance) on your multimeter. Red lead to blue wire and black lead to ignition. Should read approximately 1000 ohms (Ω).

