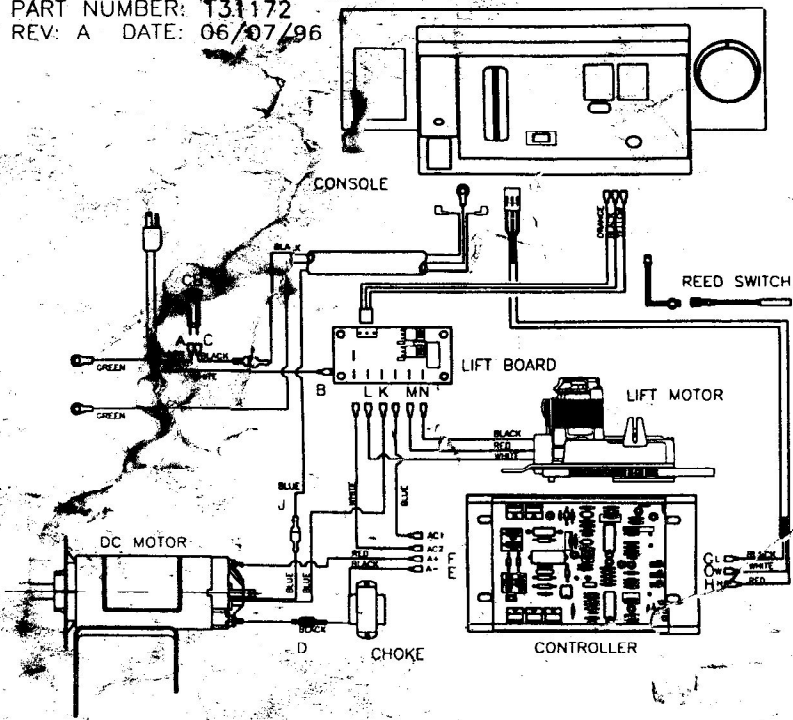


PRODUCT: PFT2146

TREADMILL RATINGS: 2.5 HP, 60 Hz, 10 AMP, 120 VAC, 0-10 MPH, 1.5% - 10% INC

PART NUMBER: T31172

REV: A DATE: 06/07/96



COMPONENT	SETTING	V.O.M. READING	SOLUTION	AMP READING
WALL SOCKET	NONE	120V AC	POWER GOOD	0-2 mA
POWER CORD	PLUG IN CORD. SWITCH OFF.	120V AC BETWEEN POINTS A&B	IF NO POWER, REPLACE CORD.	0-2 mA
CIRCUIT BREAKER	UNPLUG POWER CORD. UNPLUG CONNECTORS AT A&C	CHECK CONTINUITY BETWEEN A&C	IF CIRCUIT IS OPEN AND BREAKER IS RESET, REPLACE BREAKER	-NA-
CHOKE	UNPLUG POWER CORD. UNPLUG CONNECTORS AT D&E.	CHECK CONTINUITY AT D&E.	REPLACE CHOKE IF CIRCUIT IS OPEN.	-NA-
MOTOR	UNPLUG POWER CORD. UNPLUG CONNECTORS AT D&F.	CHECK CONTINUITY BETWEEN D&F.	IF CIRCUIT IS OPEN, REPLACE MOTOR.	-NA-
CONTROLLER	EVERYTHING IS PLUGGED IN. POWER. RUN AT MIN. SPEED. - RUN AT MAX. SPEED.	10-15 VDC ACROSS E&F - 60-95 VDC ACROSS E&F-	REPLACE CONTROLLER IF OUTPUT VOLTAGE IS OUTSIDE OF THESE RANGES	1-3 ADC 2-6 ADC
POTENTIOMETER	UNPLUG POWER UNPLUG C&H TURN POT TO LOW SPEED & OBSERVE RESISTANCE AS POT IS TURNED TO HIGH SPEED	RESISTANCE SHOULD RISE TO APPROX. 4K-5K OHM AT C. (BLACK WIRE) AND O. (WHITE WIRE).	REPLACE IF RESISTANCE DOESN'T CHANGE	-NA-
MICRO SWITCH	UNPLUG POWER CORD. UNPLUG C&J. INSERT KEY.	CHECK CONTINUITY AT C&J	REPLACE SWITCH IF CIRCUIT IS OPEN.	-NA-
LIFT MOTOR	UNPLUG POWER CORD. UNPLUG CONNECTORS AT L, M, N.	CHECK CONTINUITY AT L & M AND L & N.	REPLACE LIFT MOTOR IF CIRCUIT IS OPEN AT L & M OR L & N	-NA-
THERMAL SWITCH	UNPLUG POWER CORD. UNPLUG J & K	CHECK CONTINUITY AT J & K	REPLACE SWITCH IF CIRCUIT IS OPEN WHEN COOL.	-NA-