

FUNCTION CHECK REPORT

CUSTOMER: Eclipse Pioneer

ORDER NO. _____

PART NO. 1277865-1 & PR 188

Serial No. 9E3101

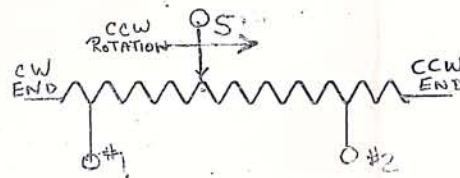
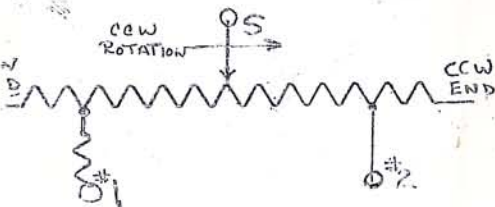
Deg. CCW Rot.	Ω Min.	Ω Actual	Ω Max.	Output Min.	Output Actual	Output Max.
.00	147.8	01 k152495	156.2	99.7	02 r999805	100.00
10.09	147.8	01 k152465	156.2	91.36	02 r918055	91.96
18.1	147.8	01 k155595	156.2	84.73	02 r851735	85.33
26.11	181.8 *	01 k187595	190.2	78.11 *	02 r785855	78.71
34.13	206.8	01 k214095	215.2	71.49	02 r719035	72.09
42.14	228.8	01 k235595	237.2	64.87	02 r652265	65.47
50.15				58.24	02 r587155	58.84
58.16	264.8	01 k271695	273.2	51.62	02 r520095	52.22
66.17				45.00	02 r454135	45.6
74.18	296.8	01 k301895	305.2	38.38	02 r386795	38.98
82.19				31.75	2 r320105	32.35
90.20	324.8	01 k330795	333.2	25.13	02 r255595	25.73
98.21				18.51	02 r187735	19.11
106.22	348.8	01 k355895	357.2	11.89	02 r122195	12.49
114.23				5.26	02 r057035	5.86
120.96				0	02 r000215	0.3
138.25	388.8	01 k394695	397.2	0	02 r000015	0.3
170.29	413.8	01 k419795	422.2	0	02 r000015	0.3

* Index Point 187.595 ~

*phase Point 78.585 %

CUP #1

CUP #2



Each variable resistor shall be inspected for conformance with the following requirements at room temperature:

	INSP. STAMP
Outline Dimensions	FC 8
Starting Torque	FC 8
Mechanical Rotation	
Total Resistance	FC 7
Taps	7
Loading and End Resistors	7
Overtravel	
Conformity or Linearity	FC 7
Discontinuity	FC
Insulation Resistance	FC 7
Indexing	
Noise	

The variable resistor shall be placed in a temperature chamber and subjected to a temperature of $-54^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for a period of one hour. At the end of this period and while still at this temperature, the variable resistor shall be inspected for conformance with the discontinuity and total resistance requirement. The test shall then be repeated at a temperature of $+110^{\circ}\text{C} \pm 2^{\circ}\text{C}$.

INSP. STAMP

-54°C Test

+110°C Test

