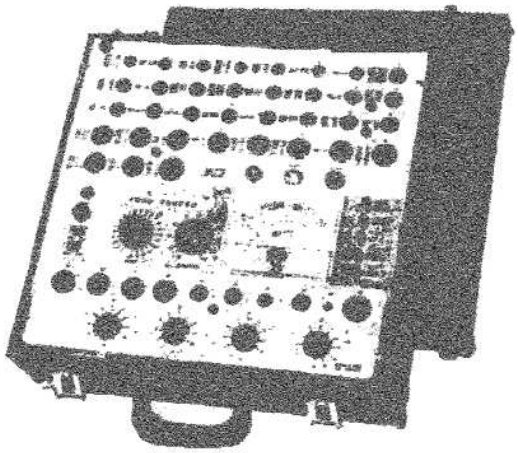
DYNA-JET

DYNAMIC MUTUAL CONDUCTANCE TUBE TESTER

B&K

INSTRUCTION MANUAL

MODEL 707



B&K

Dear Friend:

Congratulations on your purchase of B & K—Precision Test Equipment, and welcome to the B & K family. We hope your experience with your new test equipment will make you a lifetime B & K customer.

Your instrument is backed by more than 20 years of experience in designing and manufacturing. Our most important goal is your satisfaction. At B & K, test equipment is made to meet the demands of the field focusing on dependability and accuracy. We also concentrate on simplicity and operating ease with features that reduce the possibility of human error and speed the servicing process.

In order to determine the type of test units that are needed we have been guided by letters and reports from technicians and engineers who use the equipment daily. Our field tests and studies have helped provide better and faster service techniques. Close contact has been maintained with the manufacturers of consumer products which our test units will be checking and trouble-shooting.

Key personnel in our company cut their eye teeth in the TV service business. This is why we have more "sensitivity" for the problems and conditions under which the test equipment will be used.

B & K product designs are constantly reviewed, and refinements are made or new models developed to meet advances in our industry and to fill your needs. We set our standards high so you can be assured that the B & K test instruments you buy represent advanced design, quality construction, and dependable long-term performance at a price you can afford.

If you have any comments or thoughts about our products, or test equipment in general, I would be delighted to hear from you.

Thanks for your confidence in B & K and we look forward to serving you for a long time to come.

Sincerely,

Carl Kern
President

OPERATING INSTRUCTIONS

FOR

Model 707

DYNA-JET

DYNAMIC MUTUAL CONDUCTANCE
TUBE TESTER

B & K DIVISION OF DYNASCAN CORPORATION
1801 West Belle Plaine Avenue
Chicago, Illinois 60613

WHAT IT WILL DO

No. 1—The Dyna-Jet Model 707 Tube Tester will check more than 99% of the TV tubes in general use. Tubes can be tested in an incredibly short time since only a minimum number of controls need be set.

No. 2—The Model 707 will provide accurate results because it checks most tubes for their Dynamic Mutual Conductance (Gm) in a true transconductance bridge. Some tubes such as diodes are checked for emission only, since this test is usually sufficient. Tube types tested in the switch section are tested in a new Dyna-Jet Emission circuit.

No. 3—Each tube is automatically checked for shorts and leakage up to 1 megohm. These tests are made between the various elements of the tube and furthermore this test is made before the Gm measurement.

No. 4—Gas, grid emission, or even obscure grid-to-cathode leakage are all disclosed by an exceptionally sensitive grid current check. This test will reveal as little as 2 or 3 microamperes of current in the grid circuit.

No. 5—Each section of a dual-section tube is checked separately. Therefore tubes can be checked and selected for balance between sections. This is convenient for selecting dual section tubes to be used in push-pull circuits.

No. 6—The Model 707 is obsolescence proof as a result of the switch section of this instrument. All of the new type sockets are included in this section of the Model 707, such as 10 pin tubes, compactrons, nuvistors, etc. Provision is also made for simple installation if a new type of socket becomes necessary.

TESTING TUBES FOR DYNAMIC MUTUAL CONDUCTANCE

In radio and television circuits practically all tubes (except rectifiers and diodes) are used as some type of amplifier. Even oscillator circuits (i.e.—R.F. or horizontal oscillators) are basically amplifiers with regenerative feedback. Therefore, the most important characteristic to be checked to determine how effectively any radio or TV tube will function in its circuit, is its ability to amplify. This, in turn, is governed by its mutual conductance.

The mutual conductance is the ratio of the change in the plate current that results from a small change in grid voltage.

$$G_m = \frac{\Delta I_p}{\Delta E_g}$$

where:
ΔI_p = a change in plate signal current.
ΔE_g = a small change in grid signal voltage.

The amplification of a circuit = $GmRl$. Where Rl is the equivalent load resistance of the stage.

Since Rl is constant in any circuit, we see that the amplification depends directly on the Gm of the tube.

The Gm for a given tube can be measured accurately by applying the correct amount of a.c. signal voltage to the grid and measuring the resulting a.c. plate current. This is done by means of a sensitive bridge circuit.

Measuring the mutual conductance of a tube provides the most accurate and all inclusive single test that can be made on any tube.

TESTING DUAL TRIODES AND OTHER MULTI-SECTION TUBES

Each section of a dual-section tube is checked separately and quickly by depressing a push button switch. Therefore, tubes can be checked and selected for balance between sections. This test is illustrated in Fig. 1.

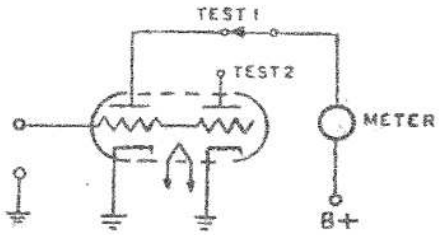


Figure 1—Each Section of Multisection Tube Tested Separately.

TESTING TUBES FOR GRID EMISSION AND GAS

The Grid Emission and Gas Test is an invaluable aid in TV servicing because it quickly picks out those tubes which can cause trouble in a.g.c., sync, I.F. amplifier, and R.F. tuner circuits.

In order to understand how a tube can have "grid emission" and "gas current" we must look into the theory of electron tubes.

There is normally some little evaporation of the cathode coating material on the grid of a tube. Some of this vapor tends to deposit on the grid and gives rise to what is known as "grid emission", where the grid itself emits electrons and draws current commonly known as "negative grid current". The flow of this "negative grid current" can be followed in Figure 2.

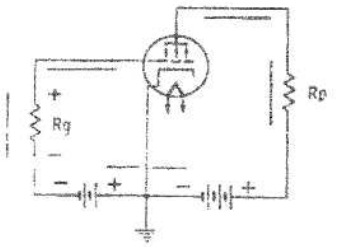


Figure 2—Negative Grid Current

The electrons flow from the grid to the plate then back through the power supply to the grid leak resistor Rg and up to the grid again. Notice that the voltage drop across the grid leak resistor Rg is such that it causes the grid to go more positive than it normally would with no grid emission.

If a slight amount of "gas" is present in a tube some of the electrons from the cathode will collide with molecules of the gas and may knock off one or more electrons, leaving positive ions (ionization). Some of these positive ions may then strike the grid, taking an electron from the grid to form a gas molecule again. The electron flow of this "gas current" is exactly the same as it is for the "grid emission current" and can be traced on Figure 2. Notice again that the grid is made more positive by this "gas current".

Now let us see what happens if an I.F. amplifier tube in a TV set has grid emission current or gas current (negative grid current). In Figure 2 we noted that the grid would tend to go more positive if negative grid current flowed.

In Figure 3, a typical I.F. stage, we see that if there is any negative grid current, the bias voltage in that stage and other associated stages will go more positive because of the flow of current through Rl. Making the grid more positive will drive the tubes to saturation, causing clipping or overloading.

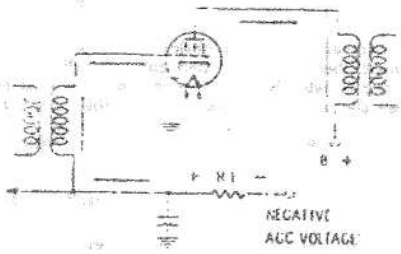


Figure 3—Typical I.F. Stage.

After detection, a video signal normally appears as shown in Figure 4. If the signal is clipped in an I.F. stage it will look like Figure 5. Now, the horizontal oscillator will try to synchronize both on the blanking signal (A) and on the very black portions of the video (B). This results in pulling or snaking of the picture.

Figure 4—Normal Video and Sync Signal

Figure 5—Overloaded or Clipped Video and Sync Signal.

To achieve this sensitive grid emission or gas test, the circuit shown in Figure 6 was employed.

The tube under test has its normal plate to grid voltage applied, but the grid is biased beyond cut-off so that no plate current flows. This bias is applied through the 5.6 megohm resistor. The same 5.6 megohm resistor is also in the grid circuit of a 6BN8 d.c. amplifier and the conditions in this tube are such that it, too, is biased just beyond cut-off. Under these conditions, no plate current flows in the 6BN8 and no reading is obtained on the meter in its plate circuit.

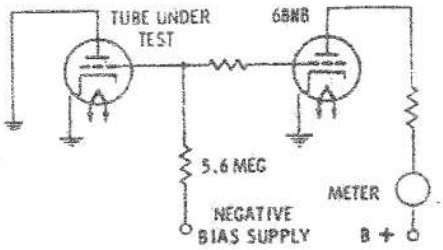


Figure 6—Grid Emission Test Circuit.

However, if the tube under test is gaseous, or its grid is contaminated with some of the cathode coating, then current will flow from grid to plate and through the 5.6 meg resistor back to the grid again. This will produce a positive voltage drop across the 5.6 meg resistor, lifting the cut-off bias on the 6BN8 and producing a meter deflection. Upon seeing this deflection, the technician immediately knows that the test tube is defective and a replacement is indicated.

SHORTS TEST

The test for shorts between elements is made to a sensitivity of approximately 1 megohm. A shorted tube will cause the neon lamp marked Shorts to glow or will cause a deflection of the meter into the reject portion of the Short Reject meter scale. *Either indication indicates shorted elements.*

LIFE TEST

Many manufacturers have found that testing tubes under reduced heater voltage conditions will give a strong indication of its probable useful life. A tube may show adequate *Gm* under normal test conditions; however, a reduction of 10% to 15% of heater voltage may be marked by a sharp slump in *Gm* reading. This slump or decay indicates that the space charge of the tube has been depleted to the point where the tube will have a short remaining useful life. While the amount of life remaining cannot be too closely estimated, you can be reasonably sure that a tube showing a sharp slump is not a good risk for continued trouble-free service.

AUTOMATIC LINE VOLTAGE COMPENSATION

Every effort has been made to make the operation of this instrument as fast and simple as possible. Toward this end, a unique patented automatic line voltage compensation has been incorporated into the tester. A voltage sensitive bridge monitors the line voltage at all times and automatically adjusts the sensitivity of the *Gm* bridge to compensate for these line voltage variations. This eliminates the necessity of readjusting the line voltage for different types of tubes and at different line voltages.

Jerry Adams
1/2/73

HOW TO OPERATE THE MODEL 707 TUBE TESTER

1. **Insert line cord.**
2. **Turn power switch ON.**
3. **Set Heater Switch and Sensitivity Control as indicated in tube chart.**
4. **Put CIRCUIT TRANSFER push button in proper position, depending on whether the pre-wired Jet-Check section or Switch section of the tester is to be used.**
5. **If tube is to be tested in the Switch section, set up switches A thru D as indicated on the chart.**
6. **Insert tube in socket.**
7. **Test in sequence; Shorts, Grid Emission and Quality of tube.**

Test Procedure

The Model 707 is designed for use on 105/125 volt, 50/60 cycle A.C. only. DO NOT use any other type of current. With the line cord connected to the proper type of power and with the Power Switch in the ON position, the red pilot lamp will glow.

The Model 707 Tube Tester is effectively two tube testers in one. The multiple socket or Jet-Check section tests the most commonly used tubes found in television sets. This section provides the high speed testing of tubes so necessary in home servicing of television receivers. This section is located on the upper portion of the tube tester panel.

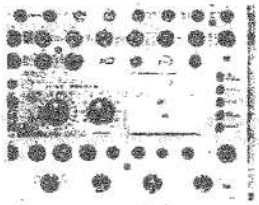


Fig. 7

The second section or Switch section is located at the bottom of the tube tester panel and has its own sockets associated with it. Included in this socket section are 2 10 pin sockets, a Nuvistor socket, and 2 Compactron sockets. The less frequently used tubes are tested in this portion of the instrument. It is also this section that protects against obsolescence.

Selection between the Jet-Check section and the Switch section is accomplished by a Circuit Transfer Switch. This switch is the top push button of the five buttons located to the right of the meter. When the button is "Up" the multiple socket or Jet-Check section of the instrument is activated. When the button is depressed and locked in the "Down" position, the Switch section of the instrument is in operation. The button is locked down by depressing the button and pushing slightly to the left. The button is released by pushing to the right. The button will then spring return to the UP position. See Fig. 7.

As an additional aid to quickly determine which section of the Model 707 is active, a neon indicator is located in the Multiple Socket panel section and another in the Switch section of the panel. See Fig. 7. The lamp that glows immediately indicates which section of the instrument is active.

SETTING UP TO TEST IN THE JET-CHECK SECTION

The most used tubes are listed beside appropriate sockets on the test panels.

On the socket panel itself, are listed only the most popular number of the tube type which is available in more than one filament voltage. For example: the 6BK5 is printed on the socket panel; however, the 12BK5, 25BK5 and 50BK5 tubes can also be tested in that same socket. The only difference in testing these tubes is that the Heater control is set to the correct filament voltage.

The setting of the Heater switch position determines the filament voltage applied to the tube under test. For example: the switch is set to 6 for 6.3 volt filament tubes, and the switch is set to 12 for 12.6 volt filament tubes, etc. This setting is usually determined by the first number of the tube designation. Thus, for a 6BK5, the heater control would be turned to 6; for a 12BK5, it would be turned to 12; and for a 25BK5, the control would be set to 25.

CAUTION: THE HEATER CONTROL MUST BE SET TO THE CORRECT FILAMENT VOLTAGE BEFORE INSERTING THE TUBE IN THE SOCKET. FAILURE TO OBSERVE THIS PRECAUTION COULD RESULT IN BURNING OUT A FILAMENT.

Since hundreds of other tube types besides those listed on the panel can be tested on the Model 707, each additional type (with socket placement and control settings) is listed in the Dyna-Jet Tube Selector Index. The test sockets are numbered 1 to 35 to aid in the quick identification of the correct socket.

The setting for the Sensitivity control is printed right next to the tube type on the socket panel. Examples: 6AU6 — 82

6U8 — 79•55

The tubes with multiple sections, such as the 6U8, have two sensitivity settings because there are two separate sections in this tube envelope. Because this type has two dissimilar sections, the sensitivity settings are different for each section, although on some types (e.g. 6SN7—78•78) the two sections are the same and therefore the sensitivity settings are the same.

When a multiple tube of dissimiliar sections is tested, the Test 1 button tests the section that has the most elements and the other section will be tested with the Test 2 button.

EXAMPLE: 6U8 — 79•55

The first section tested is the pentode, and then the triode section is tested. If a type 6AT6 (triode - double diode) is to be tested, the Test 1 position will test the triode section and in the Test 2 position both diodes will be tested simultaneously.

In the case of a 5U4, the first section would be tested with the Test 1 button and the second section with the Test 2 button.

A lead, fitted with a plate cap connector and a pin plug is supplied for testing tubes having plate leads connected to caps on top of the tubes. Appropriate pin jacks are placed near the proper sockets for use with the plate lead. A line identifies each pin jack with its associated socket or sockets.

SETTING UP TO TEST WITH THE SWITCH SECTION

All tubes to be tested in the Switch section of the Model 707 are indicated by the socket number being #36 or higher, in the "Socket" column of the tube chart. Fig. 8 shows a typical listing for a tube to be tested in the Switch section of the instrument. Each of the switches is lettered and the position for each of these switches is indicated on the chart in the column under that letter. When all the switches have been set, insert the tube into the proper socket and proceed with the test. Each section of a multiple section tube is tested separately. Each section of a multiple section tube also has different switch settings. A typical listing of a multiple section tube is shown in Fig. 8. There is a common plate cap connector located between socket #39 and socket #40. This is the only plate cap connector used when testing tubes in the Switch section of the instrument.

You are now ready to proceed with the test.

TUBE TYPE	HEATER	SOCKET	SENSITIVITY GOOD BAD	A	B	C	D	TEST POS.
6AJ8	6	39	85	5	4	12	1	1
			38	5	4	12	9	1
6AR8	6	39	30	5	4	12	6	1

Figure 8—Typical Listing of Tube Types in Chart.

SHORTS TEST — JET-CHECK SECTION

A tube is tested for shorts in the Jet-Check section of the tube tester by depressing the push button labeled SHORTS located just to the right of the meter. See Fig. 7.

The neon Shorts lamp should be observed while this button is depressed. Shorts or Leakage up to 1 megohm of value between elements of the tube under test, will cause the Shorts lamp to glow. Leakage of more than 1 megohm will be indicated on the meter. If a tube causes the meter to deflect into the "Shorts-Reject" area of the meter scales, this tube has leakage in excess of 1 megohm. Any tube which causes the Shorts lamp to glow, or the meter to read into the "Shorts-Reject" area of the meter scale should be discarded immediately. It is generally desirable when making the Shorts test to lightly tap the tube to be tested in order to show up any intermittent shorts. The push button is spring-loaded and will return to the up position when released. DO NOT GIVE FURTHER TESTS TO TUBES WHICH ARE SHORTED.

Shorts Test — Switch Section

Insert the tube into the proper socket. It is NOT necessary to depress the SHORTS push button when making this test in the Switch section. A check for some inter-element shorts is made immediately upon inserting the tube into socket. If the Shorts indicator glows, the tube is defective.

To test for any other Shorts or Leakage in the tube, rotate the "D" switch through each of its positions while observing the neon Shorts indicator. If the Shorts indicator glows in any of the switch positions of switch "D", the tube should be rejected. (As the switch is rotated from one position to the next, the Shorts indicator may instantaneously flicker due to capacity discharge. This is to be ignored.) Certain tube types have more than one pin connection for a given element. Therefore, the Shorts indicator lamp may normally glow in certain positions

of switch "D", even if there is no Short in the tube. The chart will indicate where this normal Short will occur. Tubes should not be rejected for these normal Shorts.

Before proceeding with the remainder of the tests return the "D" switch to its proper position as indicated on chart.

Grid Emission and Gas Test

The tube is tested for Grid Emission, Gas Content, and extremely high resistance leakage when the Grid Emission push button is depressed. This test is used when testing tubes either in the Jet-Check section or in the Switch section of the Model 707 Tube Tester.

The result of the Gas and Grid Emission test will be observed as a deflection of the meter needle if the tube is gassy or has a contaminated grid. These conditions cause grid current to flow and since a current as low as 2 or 3 microamperes can be detected, this is a very sensitive test. A tube, although it may seem to operate normally in a receiver, should be discarded if the meter reads into the Grid Emission—Reject area of the scale during the Gas and Grid Emission test because a gassy condition usually becomes progressively worse and eventually may cause serious trouble. During the Gas Test additional inter element leakage tests are performed using the Short Lamp as the indicator. A glow of this lamp during the Gas Test indicates inter element leakage and is cause for discarding the tube. The importance of the Gas and Grid Emission tests cannot be overstressed. Case histories of hundreds of tube failures, particularly those used in R.F., I.F., and Video Amplifier stages, reveal that a substantial number were due to gas, grid emission or grid to cathode leakage. Grid to cathode leakage, caused by a high resistance leak (can be 1 megohm or higher) between the grid and cathode of the tube under test, will produce a deflection on the meter during the Gas and Grid Emission test but will not light the neon SHORTS lamp as would a low resistance leak or direct short between the grid and cathode. Grid to cathode leakage can be the source of poor picture quality, twisting, bending or pulling of the picture, vertical jitter or bounce, and sync buzz. The test circuit in Fig. 6 illustrates how the presence of grid to cathode leakage in the tube under test will produce a deflection on the meter due to the fact that enough current will flow through the 5.6 megohm resistor to make the 6BN8 tube conduct.

Quality Test

A tube is tested for Gm in the Jet-Check section when the push button marked Test 1 is depressed. This test is made if the tube has passed the Shorts and Grid Emission tests. The Sensitivity Control is set at the value listed next to the test socket, or on the chart. The condition of the tube under test will then be indicated on the "Replace-?-Good" scale of the meter. Any tube not indicating Good should be replaced. If the tube under test is a multiple section tube, the Test 2 push button must be depressed to test the second section.

A tube tested in the Switch section, still must first pass the Shorts and Grid Emission test. The Sensitivity Control is set at the point indicated in the chart. Then Test 1 button is depressed to indicate the quality of the tube on the "Replace-?-Good" scale of the meter. This test is a Dyna-Jet Emission test. If it is a dual section tube a second set-up of the switches must be made according to the chart and test 1 button depressed to read the quality of the section being tested. To be sure that the Circuit Transfer switch is UP for the Jet-Check section, and locked down for the Switch section. The neon indicators located in the appropriate section of the panel give immediate indications as to which section is active.

You may test a tube whose quality is so high as to cause the meter to read off scale. This is normal and does not indicate a defect of the instrument.

There are some tube types whose Gm is so low that they will not read into the Good area. These types are read on the 0-120 scale. The chart listing for the types will state the minimum reading for a good tube. Example: Tube good if it reads 40 or more.

Life Test

The Life Test switch is located just below the pilot lite. In order to initiate the Life Test, push this switch to the right and hold the switch in this position while proper test button is depressed: since it is spring loaded it will return to its normal position when released.

The Life Test will help the serviceman judge how much useful life still remains in a tube being tested. A tube may test O.K. on the Gm test but the Life test will detect whether or not it is in the process of losing its Gm.

The heater voltage is reduced by a predetermined amount when the switch is in the LIFE TEST position. The reading on the meter will drop very little (or may even rise slightly) under the reduced heater voltage conditions if the tube has sufficient reserve to continue to operate normally. If the meter reading does not drop, the tube is in excellent condition. But if the tube under test has a depleted space charge, a large drop will occur in the meter reading indicating that a replacement is warranted. A drop of 25% of the normal meter reading indicates the tube is reaching the end of its useful life.

CHART SUBSCRIPTION SERVICE

The Model 707 Tube Tester enables you to test in excess of 2200 tube types. Included in this list are voltage regulator tubes, hybrid auto radio tubes, thyratron tubes and a wide assortment of European tubes used in modern Hi Fi equipment.

In order to keep your tube chart up to date, it is recommended that you subscribe to the B & K chart mailing service at a cost of $2.50 per year. This service will provide mailings every 90 days. These mailings are made in the months of January, April, July and October. This will mean that within 90 days of the introduction of a new tube type you will automatically have the information on how it is tested in your B & K Tube Tester.

If you do not wish to use this "4 times per year" subscription service, the latest available chart may be obtained at any time by remitting $1.50 to the factory with the Model and Serial Number of your instrument.

SERVICE INFORMATION

All necessary voltage readings are given on the schematic. If either of the No. 55 Pilot Lamps under the Socket Panel fails, both lamps must be replaced at the same time with a No. 55 type only.

The A.C. line fuse is located on the Socket Panel. Replace only with 1 amp. fuse of the same type.

During the following adjustments push button marked "Circuit Transfer" must remain in the UP or Jet-Check position.

Shorts Sensitivity Adjustment

To adjust Short Lamp Sensitivity, connect a 1 meg. resistor from pin 2 to pin 4 of socket No. 1. Adjust R-16, while Short button is depressed, until the Short Lamp just lights. R-16 is accessible with a screwdriver from the top of the panel through the center of socket No 30. Remove resistor. Short light should then go out.

Grid Emission Sensitivity Adjustment

The sensitivity of the grid emission test circuit is adjusted at the factory so that a leakage of 25 megohms just reads in the "Grid Emission-Reject" area on the meter scale. This order of sensitivity is the level that tube manufacturers recommend, in order not to reject good tubes.

To adjust the Grid Emission Sensitivity, connect a 20 meg. resistor from pin 1 to pin 7 of socket No. 1. Adjust R-18, while the Grid Emission button is depressed, for a meter reading of 20 on the numbered scale. R-18 is accessible with a screwdriver from the top of the panel through the center of socket No. 33. Remove resistor. Meter reading should then fall to zero with nothing plugged into panel.

If you wish to make the Grid Emission test more sensitive, use a 100 meg ohm resistor in place of the 20 meg ohm resistor as stated above.

Signal Voltage Adjustment

To calibrate the instrument for the proper signal voltage, connect an A.C. VTVM to pin 1 of socket No. 1. Connect the ground lead of the VTVM to pin 2 of socket No. 1. Adjust R-20 while test 1 button is depressed, for 1.5 volts R.M.S. R-20 is accessible with a screwdriver from the top of the panel through the center of socket No. 25.

D.C. Bias Adjustment

To adjust for proper D.C. Bias, connect a 20,000 ohm/volt meter between pin 1 and pin 2 of socket No. 1. Adjust R-11 while test 1 button is depressed for —2.5 V. D.C. R-11 is located beside the 6BN8 tube on the transformer bracket.

Balance Control Adjustment

To adjust R-5, connect a 6000 ohm, 10 watt resistor from pin 5 to pin 2 of socket No. 1. Set Sensitivity Control to 100. Adjust R-5 (while test 1 button is depressed) for zero reading on tube tester meter.

R-5 is located on the rear of the transformer mounting just behind the power transformer.

B & K Model 707 Parts List

SCHEMATIC SYMBOL	DESCRIPTION	B & K PART No.
	CAPACITORS	
C-1	200 MFD @ 6.4V Pigtail Electrolytic Cap.	022-001-9-007
C-4	20 MFD @ 250V Pigtail Electrolytic Cap.	021-003-9-005
C-5	20 MFD @ 250V Pigtail Electrolytic Cap.	021-003-9-005
C-101	10 MFD @ 35V Pigtail Electrolytic Cap.	022-026-9-001
	RESISTORS—CONTROLS	
R-1	1K Ohm 3 Watt 10% Glass Res.	003-003-6-102
R-4	150 Ohm 4 Watt 5% Glass Res.	003-004-5-151
‡R-5	20 Ohm W.W. Pot., Bal. Adj. (Internal)	008-038-9-001
‡R-6	1K Ohm 5 Watt W.W. Pot. (Spec. Taper) Sensitivity Control	009-001-9-002
R-7	150 Ohm 4 Watt 5% Glass Res.	003-004-5-151
R-8	Part of M-2, not available separately	—
R-9	Part of M-3, not available separately	—
‡R-11	3K Ohm W.W. Rheostat, Bias Adj. (Internal)	009-017-9-001
R-16	2 Meg., ½ Watt Pot., (Short Sensitivity)	008-027-9-001
R-17	50K Ohm 1/3 Watt Pot. (Gas Sensitivity Adj.)	008-012-9-001
R-18	18K Ohm 4 Watt 10% Glass Resistor	003-004-6-183
‡R-20	10 Ohm 5 Watt Pot. (Signal)	009-001-9-001
R-21	16 Ohm 5 Watt 5% W.W. Res.	006-005-5-160
R-23	16 Ohm 5 Watt 5% W.W. Res.	006-005-5-160
R-101	4.7K Ohm 7 Watt 5% Glass Res.	003-007-5-472
R-102	4.7K Ohm 7 Watt 5% Glass Res.	003-007-5-472
R-106	470 Ohm 7 Watt 5% Glass Res.	003-007-5-471
R-108	1K Ohm 7 Watt 5% Glass Res.	003-007-5-102
R-109	2.4K Ohm 7 Watt 5% Glass Res.	003-007-5-242
R-111	1K Ohm 7 Watt 5% Glass Res.	003-007-5-102
	SWITCHES	
SW-1	"On-Off" Slide Switch	084-001-9-001
SW-2	"Life Test" Slide Switch, Spring Loaded	091-003-9-001
SW-3	"Heater" Switch	083-033-9-001
SW-4	"D" Selector Switch	083-030-9-001
SW-5	"C" Selector Switch	083-035-9-001
SW-6	"B" Selector Switch	083-027-9-001
SW-7	"A" Selector Switch	083-035-9-001
SW-8	"Push-Button Function" Switch	083-028-9-001

MISCELLANEOUS

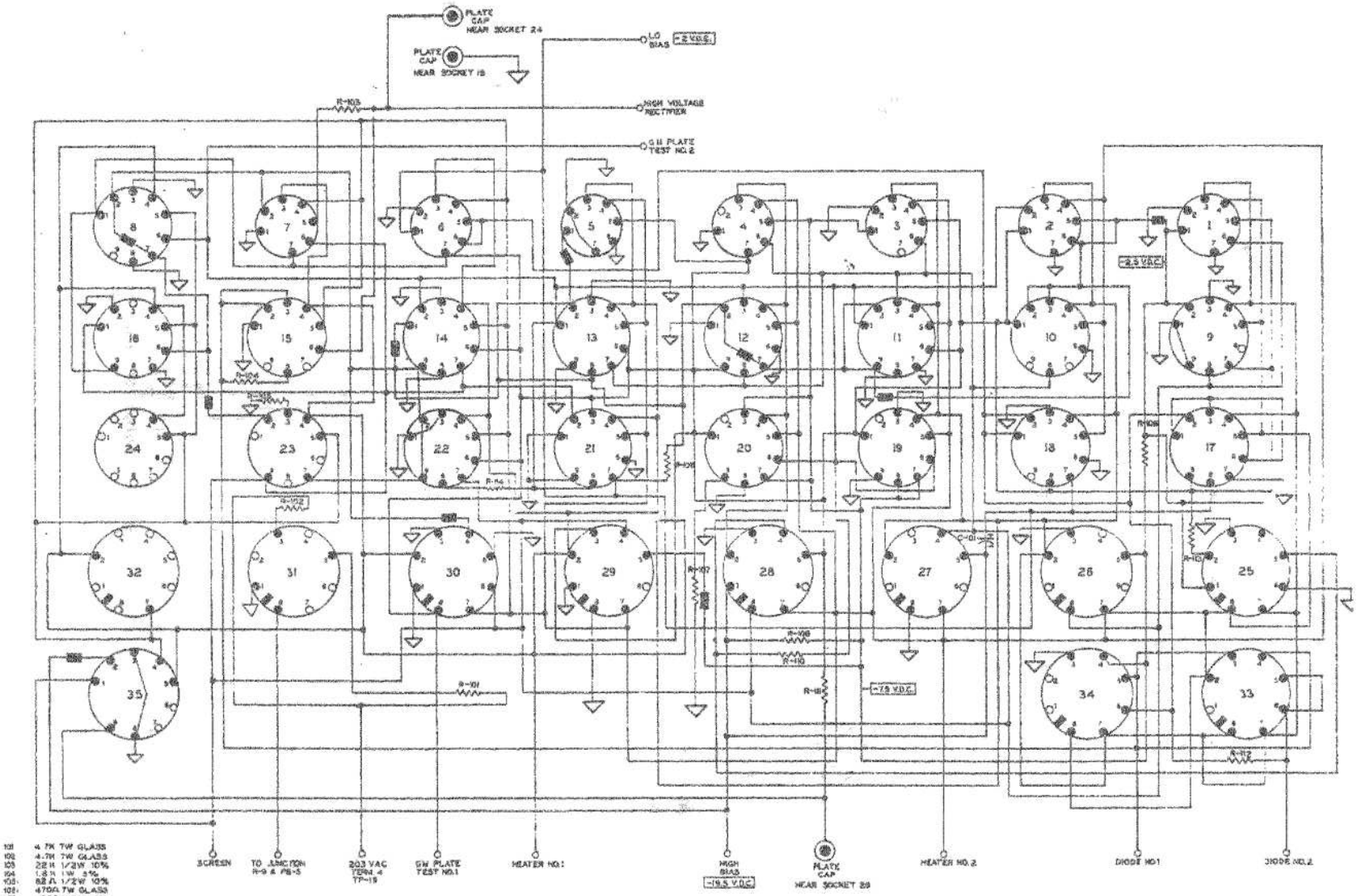
SCHEMATIC SYMBOL	DESCRIPTION	S & K PART No.
F-1	1 Amp. Slo-Blo Fuse	190-121-3-001
M-1	Meter (Indicate all numbers & letters following ME12 on meter face)	320-004-9-002
M-2	NE-2 Neon Bulb, with Resistor Circuit Transfer Indicator	401-001-9-002
M-3	NE-2 Neon Bulb, with Resistor Circuit Transfer Indicator	401-001-9-002
M-4	NE-51 "Shorts" Bulb	401-002-9-002
M-5	No. 55 Bulb, "Voltage Control" and "Pilot Light"	400-012-9-001
M-6	No. 55 Bulb, "Voltage Control" and "Pilot Light"	400-012-9-001
T-1	Power Transformer	065-002-9-001
V-1	No. 83 Rectifier Tube	232-001-9-001
V-2	6BN8 Tube	235-060-2-148
	Adaptor Plate	251-295-9-902
	7 Pin Test Socket	749-002-9-007
	Octal Test Socket	749-002-9-001
	9 Pin Test Socket	749-002-9-002
	Novar Test Socket	749-025-9-001
	Loctal Test Socket	749-014-9-001
	10 Pin Decal Tube Socket	749-037-9-001
	10 Pin Test Socket	749-002-9-003
	12 Pin Compactron Socket	749-024-9-001
	Nuvistor Test Socket	749-015-9-001
	Fuse Holder	742-001-9-001
	Ferrite Core	870-002-9-001
	Line Cord Strain Relief	380-001-9-002
	7 Pin Tube Straightener	766-004-9-001
	9 Pin Tube Straightener	766-005-9-001
	Banana Jack	774-001-9-002
	Plate Cap Assembly	ASMB-100
	Knob w/Skirt	751-028-9-001
	Push Button Knob	751-018-9-001
	Knob, w/White Line	751-010-9-001
	Carrying Case	270-003-9-002
	Socket F/Shorts Lamp Ass'y	749-005-9-001
	Bushing F/Shorts Lamp Ass'y (includes Nut 892-001-9-001)	849-007-9-001
	Clear Lens Cap	750-001-9-002
	Red Lens Cap	753-005-9 001
	Line Cord	420-001-9-007
	Carton and Fillers (503-010-9-001)	500-115-9-001
	Instruction Book	480-065-9-001
	Tube Chart	497-014-0-000

Note: Standard value capacitors and resistors are not listed. Values may be obtained from schematic diagram.

Minimum charge $2.00 per invoice. Orders will be shipped C.O.D. unless previous open account arrangements have been made or remittance accompanies order. Advance remittance must cover postage or express.

Specify serial number when ordering replacement parts.

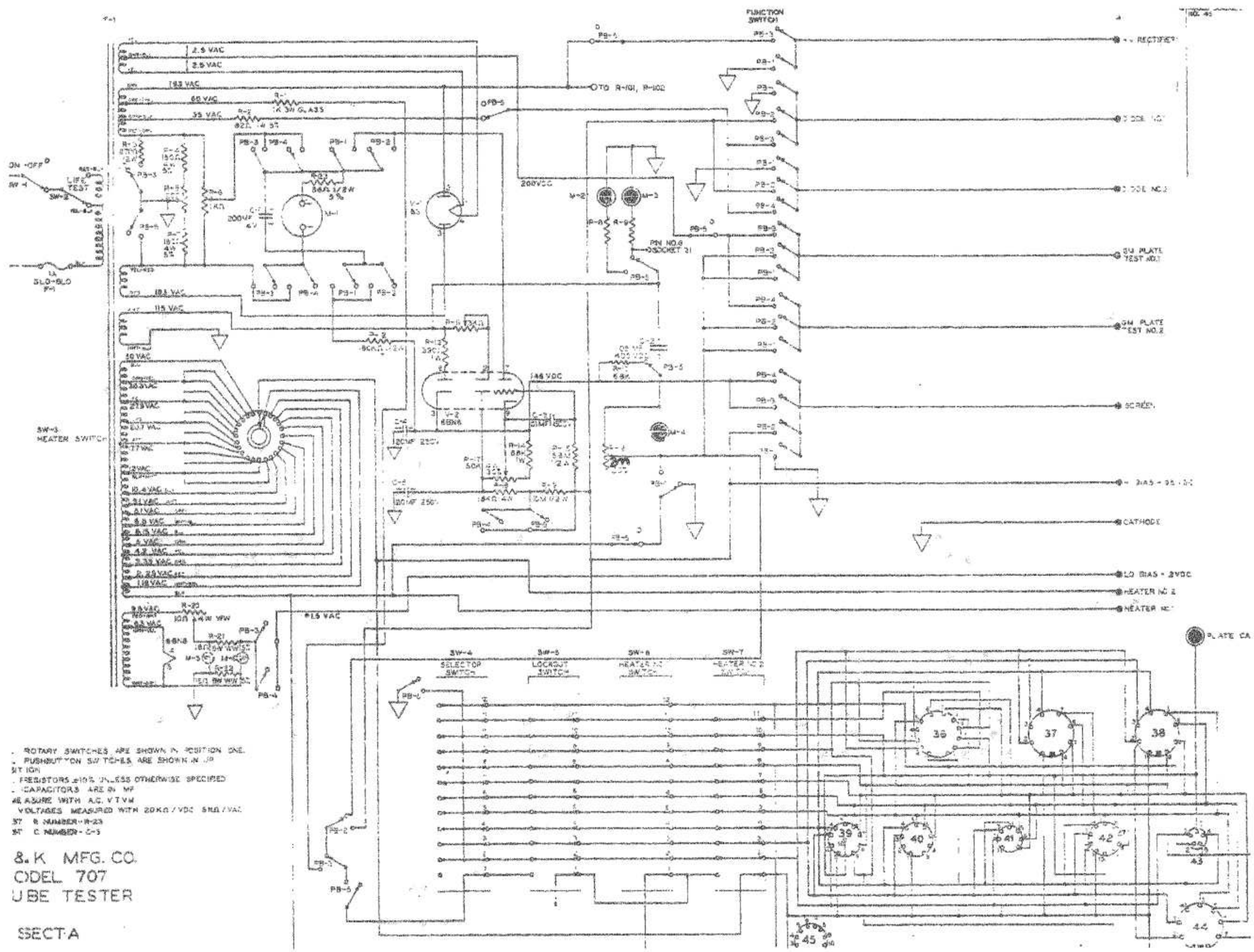
488-050-8-002C 5-69 RR PRESS



R01	4.7K 7W GLASS
R02	4.7K 7W GLASS
R03	22K 1/2W 10%
R04	1.8K 1W 5%
R05	82K 1/2W 10%
R06	470K 7W GLASS
R07	180K 1/2W 10%
R08	1K 7W GLASS
R09	2.4K 7W GLASS
R10	330K 2W 10%
R11	1K 7W GLASS
R12	1.8K 1W 5%
R13	330 Ω 2W 10%
R14	2.7K 2W 5%
R01	10 MEG 2W

LAST R NUMBER = R-114
LAST C NUMBER = C-101

B&K MFG CO
MODEL 707
SOCKET PANEL



. ROTARY SWITCHES ARE SHOWN IN POSITION ONE.
. PUSHBUTTON SWITCHES ARE SHOWN IN UP
SITION
. RESISTORS ±10% UNLESS OTHERWISE SPECIFIED
. CAPACITORS ARE IN MF
MEASURE WITH A.C. VTVM
VOLTAGES MEASURED WITH 20KΩ / VDC 5KΩ / VAC
ST R NUMBER - R-23
ST C NUMBER - C-5

&.K MFG. CO.
ODEL 707
UBE TESTER

SECT A

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
0A3	50	38	*70	2	11	3	5	1
*Normally shows short on position 11. *Normally shows grid emission.								
0A3A	50	38	*70	2	11	3	5	1
*Normally shows short on position 11. *Normally shows grid emission.								
0B3	50	38	*89	2	11	3	5	1
*Normally shows short on position 11. *Normally shows grid emission.								
0C3	50	38	*85	2	11	3	5	1
*Normally shows short on position 11. *Normally shows grid emission.								
0C3A	50	38	*85	2	11	3	5	1
*Normally shows short on position 11. *Normally shows grid emission.								
0D3	50	38	*99	2	11	3	5	1
*Normally shows short on position 11. *Normally shows grid emission. *Tube good if it reads 50 or more.								
0D3A	50	38	*89	2	11	3	5	1
*Normally shows short on position 11. *Normally shows grid emission. *Tube good if it reads 50 or more.								
0Z4	6	31	8					1
			8					2
1A3	2	41	*70	7	1	2	6	1
*Normally shows short on position 5-11.								
1A5	2	38	53	7	2	12	5	7
1A7	2	38	54	7	2	12	5	1
1AB6	1	41	54	7	1	12	4	1
1AC6	1	41	48	7	1	12	4	1
1AD2	1	45	*99	1	12	12	10	1
*Tube good if it reads 20 or more.								
1AF4	1	41	50	7	1	5	6	1
1AH5	1	41	58	7	1	12	6	1
			70	7	1	12	3	1
1AJ4	1	41	58	7	1	5	6	1
1AN5	1	41	40	7	1	5	6	1
1AU2	1	40	*100	5	4	12	1	1
*Tube good if it reads 20 or more.								
1AU3	1	32	95					1
1AX2	1	24	93					1
1AY2	1	*39	95	1	9	12	10	1
*Connect two leads from 1AY2 bottom pins to pin holes No. 1 and 9 of Socket No. 39.								
1B3	1	32	55					1
1B7	1	38	55	7	2	12	5	1
1BC2	1	24	57					1
1BG2	1	40	*75	4	5	1	10	1
*Insert leads into pins 4 & 5 of socket 40. Top cap goes to top lead. *Tube good if it reads 20 or more.								
1BN2	1	*39	95	1	9	12	10	1
*Connect two leads from solder lugs of the 1BN2 to pin holes No. 1 and 9 of Socket No. 39.								
1BK2	1	24	*53					1
*Tube good if it reads 40 or more.								
1BQ2	1	24	56					1
1BX2	1	24	56					1
1BY2	1	45	*99	1	12	7	10	1
*Tube good if it reads 20 or more.								
1C1	1	41	57	7	1	5	4	1
1C2	1	41	48	7	1	12	4	1
1C3	1	41	54	7	1	12	4	1
1C5	2	38	46	7	2	12	5	1
1C7	2	38	54	7	2	12	5	1
1D5GT	2	38	54	7	2	12	10	1
1D8	2	38	53	7	2	12	5	1
			55	7	2	12	10	1
			75	7	2	12	8	1
1D13	2	41	*70	7	1	2	6	1
*Normally shows short position 5-11								
1DG3	1	38	*85	3	8	5	10	1
*Tube good if it reads 20 or more. *No short test.								
1D-K1	1	40	*75	4	5	1	10	1
*Insert leads into pins 4 & 5 of socket 40. *Top cap goes to top lead. *Tube good if it reads 20 or more.								
1DK29	1	40	*75	4	5	1	10	1
*Insert leads into pins 4 & 5 of socket 40. Top cap goes to top lead. *Tube good if it reads 20 or more.								
1DN5	2	41	54	7	1	12	6	1
			75	7	1	12	4	1
1DY4	1	41	*24	4	3	2	6	1
*Normally shows short position 1-7.								
1F1	1	41	58	7	1	5	6	1
1F2	1	41	55	7	1	5	6	1
1F3	1	41	55	7	1	5	6	1
1F5	2	38	48	7	2	12	5	1
1F7	2	38	54	7	2	12	10	1
			64	7	2	12	4	1
			67	7	2	12	5	1
1FD1	1	41	58	7	1	12	6	1
			70	7	1	12	3	1
1FD9	1	41	56	7	1	12	6	1
			95	7	1	12	3	1
1G3	1	32	55					1
1G6	1	38	55	7	2	12	4	1
			55	7	2	12	5	1
1H2	1	24	58					1
1H5	1	38	55	7	2	12	10	1
1H6	2	38	54	7	2	12	6	1
			65	7	2	12	4	1
			65	7	2	12	5	1
1H35	1	41	54	7	1	12	4	1
1J3	1	32	88					1
1J6	2	38	53	7	2	12	4	1
			53	7	2	12	5	1
1K3	1	32	90					1
1L4	2	41	52	7	1	5	6	1
1L6	2	41	56	7	1	12	4	1
1LA4	2	37	53	8	1	12	6	1
1LA6	2	37	58	8	1	12	4	1
1LB4	2	37	53	8	1	12	6	1
1LC5	1	37	54	8	1	5	6	1
1LC6	2	37	58	8	1	12	4	1
1LD5	2	37	53	8	1	12	6	1
			63	8	1	12	4	1
1LE3	1	37	55	8	1	12	6	1
1LG5	2	37	50	8	1	5	6	1
1LH4	2	37	52	8	1	12	6	1
			60	8	1	12	4	1
1LN5	2	37	50	8	1	5	6	1
1N2-A	1	32	53					1
1N5	2	38	53	7	2	12	10	1
1P5	2	38	53	7	2	12	10	1
1P10	3	41	*48	7	1	5	3	1
*Normally shows short position 2-6.								
1P11	3	41	45	7	1	5	6	1
1Q5	2	38	40	7	2	12	5	1
1R-K23	1	24	35					1
1R-K41	1	24	*53					1
*Tube good if it reads 40 or more.								
1R4	2	37	60	8	1	12	4	1
1R5	2	41	53	7	1	5	4	1
1S2-A	1	24	35					1
1S4	2	41	*44	7	1	5	3	1
*Normally shows short position 2-6.								
1S5	2	41	54	7	1	5	6	1
			70	7	1	5	3	1
1T4	2	41	50	7	1	5	6	1
1T5	1	38	54	7	2	12	5	1
1U4	2	41	49	7	1	5	6	1
1U5	2	41	54	7	1	12	6	1
			75	7	1	12	4	1
1V2	1	40	99	5	4	12	1	1
1X2	1	24	56					1
2AF4	2	41	*24	4	3	2	6	1
*Normally shows short position 1-7.								
2AH2	2	45	99	1	12	12	10	1
2AS2	2	45	99	1	12	12	10	1
2AV2	2	40	*99	4	5	12	1	1
*Tube good if it reads 55 or more.								
2AZ2	2	24	35					1
2B3	2	32	30					1
2BA2	2	40	88	4	5	12	1	1
2BJ2	2	24	52					1
2BM4	2	41	*33	4	3	2	7	1
*Normally shows short position 1-6.								
2BU2	2	45	*80	1	12	12	10	1
*Tube good if it reads 30 or more.								
2C51	6	39	29	9	1	12	3	1
			29	9	1	12	7	1
2CN3A	2	32	30					1
2CW4	2	43	*87	10	12	12	2	1
*For grid emission, Turn D Swith to position 4.								
2CY5	2	1	54					1
2D21	6	41	32	4	3	5	1	1
2DL4	2	39	*85	4	5	7	8	1
*Normally shows short position 1-3-6-9.								
2DS4	2	43	*87	10	12	12	2	1
*For grid emission, Turn D Switch to position 4.								
2DX4	2	41	*62	3	4	1	7	1
*Normally shows short position 2-6.								
2DY4	2	41	*24	4	3	2	6	1
*Normally shows short position 1-7.								
2DZ4	2	41	*31	3	4	6	2	1
*Normally shows short position 1-7.								
2E26	6	38	*40	7	2	1	5	1
*Normally shows short position 4-6.								
2EA5	2	1	80					1
2EG4	2	43	*72	10	12	12	2	1
*For grid emission, Turn D Switch to position 4.								
2EN5	2	41	35	3	4	12	2	1
			35	3	4	12	7	1
2ER5	2	41	33	4	3	1	2	1
2ES5	2	41	33	4	3	1	2	1
2EV5	2	1	57					1
2FH5	2	41	33	4	3	1	2	1
2FS5	2	1	99					1
2FQ5	2	41	33	4	3	1	2	1
2FQ5A	2	41	31	4	3	1	2	1
2FV6	2	1	54					1
2FY5	2	41	33	4	3	1	2	1
2GK5	2	41	25	4	3	1	2	1
2GU5	2	41	27	3	4	2	1	1
2GW5	2	41	29	3	4	6	2	1
2HA5	2	5	56					1
2HK5	2	5	56					1
2HM5	2	5	57					1
2HQ5	2	5	55					1
2HR8	2	39	33	4	5	2	9	1
2T4	2	41	*33	4	3	2	6	1
*Normally shows short position 1-7.								
3A2	3	24	35					1
3A3	3	32	54					1
3A3A	3	32	54					1

*Normal Shorts Refer to Position of "D" Switch.

487-014-0174 RR WERNER - I

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
3A4	3	41	*35	7	1	5	4	1
*Normally shows short position 2-6.								
3A5	3	41	45	7	1	4	3	1
			45	7	1	4	5	1
3A8	3	38	54	7	2	1	10	1
			55	7	2	1	5	1
			92	7	2	1	8	1
3AF4	3	41	*24	4	3	2	6	1
*Normally shows short position 1-7.								
3AJ8	3	39	85	5	4	12	1	1
			88	5	4	12	9	1
3AL5	3	41	33	3	4	12	2	1
			33	3	4	12	7	1
3AT2	3	45	96	1	12	12	10	1
3AU6	3	1	82					1
3AV6	3	6	88					1
			78					2
3AW2	3	45	91	1	12	12	10	1
3AW3	3	32	55					1
3B2	3	32	72					1
3B7	3	37	45	8	1	4	3	1
			45	8	1	4	6	1
3BA6	3	1	78					1
3BC5	3	1	74					1
3BE6	3	1	91					1
3BH2◆	3	44	*94	4	5	4	10	1
*No short test.								
3BL2	3	45	85	1	12	12	10	1
3BM2	3	45	85	1	12	12	10	1
3BN2	3	45	*99	1	12	12	10	1
*Tube good if it reads 50 or more.								
3BN4	3	41	*33	4	3	2	7	1
*Normally shows short position 1-6.								
3BN6	3	7	75					1
3BS2	3	45	87	1	12	12	10	1
3BS2A	3	45	87	1	12	12	10	1
3B12	3	45	*80	1	12	12	10	1
*Tube good if it reads 30 or more.								
3BU8	3	21	92					1
			92					2
3BW2	3	45	*80	1	12	12	10	1
*Tube good if it reads 30 or more.								
3BX6	3	9	76					1
3BY6	3	1	91					1
3BY7	3	9	62					1
3BZ6	3	1	61					1
3C2	3	32	22					1
3C4	2	41	48	7	1	5	6	1
3CA3	3	32	55					1
3CB6	3	1	64					1
3CE5	3	1	62					1
3CF6	3	1	60					1
3CN3	3	32	30					1
3CN3A	3	32	30					1
3CS6	3	1	94					1
3CU3	3	32	20					1
3CV3	3	32	*40					1
*Tube good if it reads 40 or more.								
3CX3	3	38	*88	3	8	4	10	1
*Ignore all shorts								
3CY3	3	32	60					1
3CY5	3	1	54					1
3CZ3	3	32	35					1
3D6	2	37	43	8	1	7	6	1
3DA3	3	38	*88	3	6	5	10	1
*Ignore all shorts except position 10.								
3DB3	3	32	60					1
3DC3	3	32	*13					1
*Tube good if it reads 30 or more.								
3DF3	3	38	*75	3	8	5	10	1
*Tube good if it reads 20 or more.								
*No short test.								
3DG4	3	38	26	1	3	12	5	1
			26	1	3	12	7	1
3DH3	3	38	*90	3	8	5	10	1
*Tube good if it reads 40 or more.								
*No short test.								
3DJ3	3	32	*30					1
*Tube good if it reads 30 or more.								
3DK6	3	1	61					1
3DR3	3	38	*90	3	8	5	10	1
*Tube good if it reads 40 or more.								
*Ignore all shorts except position 10.								
3DS3	3	38	*90	3	8	5	10	1
*Tube good if it reads 40 or more.								
*Ignore all shorts except position 10.								
3DT6	3	1	91					1
3DX4	3	41	*62	3	4	1	7	1
*Normally shows short position 2-6.								
3DY4	3	41	*24	4	3	2	6	1
*Normally shows short position 1-7.								
3DZ4	3	41	*31	3	4	6	2	1
*Normally shows short position 1-7.								
3EA5	3	1	80					1
3EH7	3	9	40					1
3EJ7	3	9	58					1
3ER5	3	41	33	4	3	1	2	1
3ES5	3	41	33	4	3	1	2	1
3EY5	3	1	57					1
3FH5	3	41	33	4	3	1	2	1
3FQ5	3	41	33	4	3	1	2	1
3FQ5A	3	41	31	4	3	1	2	1
3FS5	3	1	99					1
3FY5	3	41	33	4	3	1	2	1
3GK5	3	41	25	4	3	1	2	1
3GK6	3	9	40					1
3GS8	3	21	95					1
			95					2
3GU5	3	41	27	3	4	2	1	1
3GW5	3	41	29	3	4	6	2	1
3GY5	3	38	*25	1	12	5	9	1
*Normally shows short position 1-3-4-7-10.								
3HA5	3	5	56					1
3HE7	3	36	27	1	12	10	2	1
			27	1	12	10	9	1
3HF5	3	38	*25	1	12	9	5	1
*Normally shows short position 3-4-6-8-10-11.								
3HK5	3	5	56					1
3HM5	3	5	57					1
3HM6	3	9	68					1
3HQ5	3	5	55					1
3HS8	3	21	99					1
			99					2
3HT6	3	9	60					1
3JC6	3	9	65					1
3JC6A	3	9	59					1
3JD6	3	9	61					1
3KF8	3	21	92					1
			92					2
3KT6	3	9	52					1
3L35	3	41	*38	7	1	5	4	1
*Normally shows short position 2-6.								
3LF4	3	37	43	8	1	7	6	1
3M-P28	3	7	81					1
3M-R24	3	1	51					1
3M-V7	3	1	61					1
3Q4	3	41	*42	7	1	5	3	1
*Normally shows short position 2-6.								
3Q5	3	38	45	7	2	8	5	1
3S4	3	41	*48	7	1	5	3	1
*Normally shows short position 2-6.								
3V4	3	41	45	7	1	5	6	1
4AB8	4	39	37	5	4	12	9	1
			44	5	4	12	2	1
4AU6	4	1	82					1
4AV8	4	12	59					1
			71					2
4AV6	4	6	91					1
			78					2
4BA6	4	1	78					1
4BC5	4	1	74					1
4BC8	4	8	53					1
			53					2
4BE6	4	1	91					1
4BL8	4	11	66					1
			55					2
4BN4	4	41	*33	4	3	2	7	1
*Normally shows short position 1-6.								
4BN6	4	7	75					1
4BQ7	4	8	54					1
			54					2
4BS8	4	8	54					1
			54					2
4BU8	4	21	92					1
			92					2
4BX6	4	9	76					1
4BX8	4	39	33	5	4	12	2	1
			33	5	4	12	7	1
4BZ6	4	1	61					1
4BZ7	4	8	53					1
			53					2
4BZ8	4	8	55					1
			55					2
4C86	4	1	64					1
4CE5	4	1	62					1
4CM4	4	40	29	4	5	3	8	1
4CS6	4	1	94					1
4CY5	4	1	54					1
4DE5	4	1	61					1
4DK6	4	1	61					1
4DL4	4	39	*85	4	5	7	8	1
*Normally shows short position 1-3-6-9.								
4DT6	4	1	91					1
4EH7	4	9	40					1
4EJ7	4	9	58					1
4ER5	4	41	33	4	3	1	2	1
4ES8	4	8	30					1
			30					2
4EW6	4	1	77					1
4GJ7	4	22	62					1
			78					2
4GK5	4	41	25	4	3	1	2	1
4GM6	4	1	64					1
4GS7	4	1A	80					1
			53					2
4GS8	4	21	95					1
			95					2
4GW5	4	41	29	3	4	6	2	1
4GX6	4	1	85					1
4GX7	4	22	76					1
			73					2
4GZ5	4	41	28	3	4	2	5	1
4HA5	4	5	50					1
4HA7	4	36	35	1	12	5	9	1
			35	1	12	5	11	1
4HC7	4	36	*35	1	12	5	9	1
			*35	1	12	5	11	1
*Normally shows short position 7-10.								

*Normal Shorts refer to position of "D" Switch.

3A4—4HC7

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
4HG8	4	39	25	4	5	3	2	3
			25	4	5	1	6	1
4HK5	4	5	56					1
4HM5	4	5	57					1
4HM6	4	5	68					1
4HQ5	4	5	55					1
4HR8	4	39	33	4	5	2	9	1
4HS8	4	21	96					1
			98					2
4HT6	4	9	60					1
4HU6	4	9	65					1
4JC6A	4	9	59					1
4JD6	4	9	61					1
4JH5	4	1	64					1
4JK8	4	1	61					1
4JL6	4	1	23					1
4JW8	4	11	80					1
			85					2
4KE8	4	11	88					1
			53					2
4KF8	4	21	92					1
			92					2
4KN8	4	39	86	4	5	12	1	1
			90	4	5	12	6	1
4KT6	4	9	52					1
4LJ8	4	14	85					1
			60					2
4LU8	4	1	52					3
4MK8	4	21	98					1
			98					2
4M-P12	4	1	80					1
4M-P26	4	7	81					1
4R-HH2	4	8	53					1
			53					2
4R-HH8	4	39	86	4	5	12	1	1
			90	4	5	12	6	1
4RHH15	4	8	53					1
			53					2
5AF4	5	41	*24	4	3	2	8	1
*Normally shows short position 1-7.								
5AF11	5	36	31	1	12	12	11	1
			31	1	12	12	6	2
			35	1	12	12	5	1
5AM8	5	39	30	5	4	12	2	1
			30	5	4	12	8	1
5AN8	5	13	62					1
			61					2
5AQ5	5	3	77					1
5AR4	5	33	10					1
			10					2
5AS4	5	33	17					1
			17					2
5AS8	5	39	31	5	4	12	2	1
			32	5	4	12	8	1
5AT8	5	14	77					1
			56					2
5AU4	5	33	16					1
			16					2
5AV8	5	39	40	4	5	8	2	1
			34	4	5	1	6	1
5AW4	5	33	17					1
			17					2
5AZ4	5	37	53	8	2	12	4	1
			53	8	2	12	8	1
5B8	5	39	30	4	5	8	2	1
			28	4	5	1	6	1
5BC3	5	44	*33	1	3	8	5	1
			**33	1	3	8	9	1
*Normally shows short position 2-3-8-9.								
**Normally shows short position 2-3-5-6.								
5BE8	5	14	72					1
			55					2
5BK7	5	8	55					1
			55					2
5BQ5	5	23	68					1
5BQ7	5	8	54					1
			54					2
5BR8	5	14	72					1
			55					2
5BS8	5	8	54					1
			54					2
5BT8	5	39	33	5	4	12	8	1
			54	5	4	12	1	1
			54	5	4	12	2	1
5BW8	5	39	33	5	4	2	8	1
			34	5	4	7	1	1
			34	5	4	7	9	1
5BZ7	5	8	53					1
			53					2
5CG8	5	14	78					1
			57					2
5CL8	5	14	69					1
			51					2
5CM6	5	16	64					1
5CN8	5	39	33	5	4	12	2	1
			38	5	4	12	9	1
5CQ8	5	11	72					1
			55					2
5CR8	5	39	*32	5	4	12	2	1
			*34	5	4	12	9	1
*Normally shows short position 8.								
5CU4	5	38	28	8	2	12	4	1
			28	8	2	12	6	1
5CZ5	5	16	60					1
5D84	5	33	16					1
			16					2
5DH8	5	14	61					1
			73					2
5DJ4	5	33	16					1
			16					2
5EA8	5	11	71					1
			56					2
5EH8	5	12	71					1
			54					2
5ES8	5	8	30					1
			30					2
5EU8	5	39	32	5	4	12	7	1
			32	5	4	12	2	1
5EW6	5	1	77					1
5FG7	5	14	69					1
			56					2
5FV8	5	14	65					1
			54					2
5GH8	5	11	68					1
			56					2
5GH8A	5	11	68					1
			56					2
5GJ7	5	22	62					1
			78					2
5GM6	5	1	64					1
5GS7	5	14	80					1
			53					2
5GX6	5	1	85					1
5GX7	5	22	76					1
			73					2
5HA7	5	36	35	1	12	5	9	1
			35	1	12	5	11	1
5HB7	5	22	75					1
			75					2
5HC7	5	36	*35	1	12	5	9	1
			*35	1	12	5	11	1
*Normally shows short position 7-10.								
5HG8	5	39	24	4	5	3	2	1
			25	4	5	1	6	1
5HZ6	5	1	83					1
5J6	5	2	60					1
			60					2
5JK8	5	1	61					1
5JL6	5	1	23					1
5JW8	5	11	80					1
			85					2
5KD8	5	11	68					1
			52					2
5KE8	5	11	68					1
			53					2
5KZ8	5	39	28	4	5	12	2	1
			26	4	5	12	9	1
5L8	5	14	85					1
			60					2
5M88	5	14	84					1
			61					2
5MF8	5	36	35	1	12	6	7	1
			34	1	12	6	10	1
5M-HH3	5	2	56					1
			56					2
5M-K9	5	41	30	3	4	12	5	1
5M88	5	11	65					1
			66					2
5M10398A	6	1	63					1
5P-29	6	29	*62					1
*For plate cap, use jack next to socket 26								
5R4	5	33	22					1
			22					2
5RDDH1	5	39	41	5	4	12	8	1
			35	5	4	12	1	1
			33	5	4	12	6	1
5R-HP1	4	11	60					1
			55					2
5R-HR1	5	11	52					1
			55					2
5R-K16	5	39	27	4	5	12	1	1
			27	4	5	12	8	1
5T4	5	33	16					1
			16					2
5T8	5	17	90					1
			63					2
5U4	5	33	16					1
			16					2
5U8	5	11	79					1
			55					2
5U9	5	42	28	5	6	12	3	1
			32	5	6	12	10	1
5V3	5	33	15					1
			15					2
5V4	5	33	12					1
			12					2
5V6	5	29	79					1
5V9	5	42	31	5	6	12	3	1
			30	5	6	12	8	1
5W4	5	33	32					1
			32					2
5X4	5	38	47	8	7	12	3	1
			47	8	7	12	5	1
5X8	5	12	73					1
			61					2
5X9	5	42	30	5	6	12	3	1
			30	5	6	12	10	1
5Y3	5	33	32					1
			32					2

*Normal Shorts refer to position of "0" Switch.

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TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
5Y4	5	38	52	8	7	12	3	1
			52	8	7	12	5	1
5Z4	5	33	12					1
			12					2
5Z10	5	33	16					1
			16					2
6A8	6	38	45	7	2	1	5	1
6AB4	6	2	83					1
6AB7	6	30	74					1
6AB8	6	39	37	5	4	12	9	1
			44	5	4	12	2	1
6AC5	6	38	40	7	2	12	5	1
6AC7	6	30	60					1
6AC9	6	36	28	1	12	3	9	1
			45	1	12	5	2	1
			35	1	12	2	8	1
6AC10	6	36	32	1	12	12	7	1
			32	1	12	12	9	1
			32	1	12	12	11	1
6AD7	6	38	54	7	2	12	5	1
			62	7	2	12	1	1
6AD10	6	36	30	1	12	12	8	1
			33	1	12	12	6	1
6AF3	6	15	12					1
6AF4	6	41	*24	4	3	2	6	1
*Normally shows short position 1-7.								
6AF9	6	42	27	5	6	7	1	1
			27	5	6	2	8	1
6AF11	6	36	31	1	12	12	11	1
			31	1	12	12	6	1
			35	1	12	12	5	1
6AG5	6	1	80					1
6AG7	6	30	38					1
6AG9	6	36	30	1	12	12	5	1
			28	1	12	12	11	1
6AG11	6	36	28	1	12	12	8	1
			28	1	12	12	5	1
			33	1	12	12	10	1
			33	1	12	12	8	1
6AH4	6	38	33	7	2	12	1	1
6AH6	6	1	58					1
6AH7	6	38	48	8	7	12	1	1
			48	8	7	12	5	1
6AH8	6	36	37	1	12	5	2	1
			30	1	12	5	8	1
6AJ4	6	39	*84	8	7	1	5	1
*Normally shows short position 3-4-6-8.								
6AJ5	6	41	36	4	3	2	1	1
6AJ7	6	38	60					1
6AJ8	6	39	85	5	4	12	1	1
			38	5	4	12	9	1
6AJ9	6	42	29	5	6	12	3	1
			33	5	6	12	10	1
6AK5	6	1	63					1
6AK6	6	1	82					1
6AK7	6	30	38					1
6AK8	6	17	90					1
			63					2
6AK9	6	36	33	1	12	6	10	1
			35	1	12	6	8	1
			31	1	12	6	8	1
6AK10	6	36	32	1	12	12	7	1
			32	1	12	12	9	1
			32	1	12	12	11	1
6AL3*	6	40	30	5	4	7	3	1
*If no test, use alternate settings.								
6AL3	6	40	30	5	4	3	7	1
6AL5	6	41	33	3	4	12	2	1
			33	3	4	12	7	1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
6AL9	6	38	28	1	12	12	5	1
			28	1	12	12	11	1
6AL11	6	36	31	1	12	12	8	1
			27	1	12	12	8	1
6AM4	6	39	*96	8	7	1	5	1
*Normally shows short position 3-4-6-8.								
6AM5	6	41	34	4	3	12	1	1
6AM6	6	41	39	4	3	12	1	1
6AM8	6	39	30	5	4	12	2	1
			30	5	4	12	8	1
6AN4	6	41	*30	4	3	2	6	1
*May show short position 1-7.								
6AN5	6	1	26					1
6AN6	6	41	52	7	1	12	2	1
			52	7	1	12	3	1
			52	7	1	12	4	1
			52	7	1	12	5	1
6AN8	6	13	62					1
			61					2
6AQ4	6	41	*29	4	3	6	1	1
*Normally shows short position 2-5.								
6AQ5	6	3	77					1
6AQ6	6	6	89					1
			80					2
6AQ7	6	38	45	8	7	12	4	1
			58	8	7	12	1	1
			58	8	7	12	3	1
6AQ8	6	8	70					1
			70					2
6AR5	6	3	91					1
6AR6	6	38	33	8	6	12	7	1
6AR8	6	39	30	5	4	12	8	1
6AR11	6	36	28	1	12	12	6	1
			28	1	12	12	10	1
6AS5	6	4	55					1
6AS6	6	1	77					1
6AS7	6	38	35	8	7	12	1	1
			35	8	7	12	4	1
6AS8	6	39	31	5	4	12	2	1
			32	5	4	12	6	1
6AS11	6	36	28	1	12	12	11	1
			32	1	12	12	6	1
			32	1	12	12	8	1
6AT6	6	6	85					1
			78					2
6AT8	6	14	77					1
			55					2
6AU4	6	34	10					1
6AU5	6	28	71					1
6AU6	6	1	82					1
6AU7	6	8	75					1
			75					2
6AU8	6	12	56					1
			72					2
6AV5	6	28	62					1
6AV6	6	6	91					1
			78					2
6AV11	6	36	30	1	12	12	7	1
			30	1	12	12	9	1
			30	1	12	12	11	1
6AW8	6	12	44					1
			78					2
6AX2	6	24	88					1
6AX3	6	36	30	1	12	10	4	1
6AX4	6	34	13					1
6AX5	6	38	44	7	2	1	5	1
	6	38	44	7	2	1	3	1
6AX7	6	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
6AX8	6	11	73					1
			54					2
6AY3	6	44	27	5	4	7	2	1
6AY3B	6	44	27	5	4	7	2	1
6AY11	6	36	30	1	12	12	5	1
			30	1	12	12	8	1
			30	1	12	12	9	1
			30	1	12	12	10	1
6AZ8	6	39	32	5	4	12	8	1
			36	5	4	12	9	1
6B4	6	38	35	7	2	12	5	1
6B6	6	38	37	7	2	12	10	1
			58	7	2	12	4	1
			58	7	2	12	5	1
6B8	6	38	55	7	2	12	10	1
			65	7	2	12	4	1
			65	7	2	12	5	1
6B10	6	36	34	1	12	12	8	1
			34	1	12	12	5	1
			34	1	12	12	8	1
			34	1	12	12	10	1
6B31	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
6B32	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
6BA3	6	44	33	4	5	7	2	1
6BA6	6	1	78					1
6BA7	6	39	33	5	4	12	2	1
6BA8	6	12	53					1
			59					2
6BA11	6	36	29	1	12	12	4	1
			37	1	12	12	9	1
6B-B14◆	6	44	*33	4		1	2	1
*Normally shows short position 3-5-7-8.								
6BC4	6	40	30	5	4	3	7	1
6BC5	6	1	74					1
6BC7	6	39	32	5	4	12	2	1
			32	5	4	12	6	1
			32	5	4	12	8	1
6BC8	6	8	59					1
			59					2
6BC32	6	6	91					1
			78					2
6BD5	6	38	29	7	2	12	1	1
6BD6	6	1	85					1
6BD11	6	36	26	1	12	12	11	1
			31	1	12	12	3	1
			31	1	12	12	8	1
6BE3	6	38	26	1	12	4	10	1
6BE6	6	1	91					1
6BE7	6	39	33	5	4	3	7	1
6BE8	6	14	72					1
			55					2
6BF5	6	3	40					1
6BF6	6	6	85					1
			80					2
6BF8	6	39	25	4	5	12	1	1
			25	4	5	12	2	1
			25	4	5	12	3	1
			25	4	5	12	7	1
			25	4	5	12	8	1
			25	4	5	12	9	1
6BF11	6	38	25	1	12	12	3	1
			25	1	12	12	8	1
6BG6	6	25	66					1
6BH3	6	44	27	5	4	7	2	1
6BH3A	6	44	27	5	4	7	2	1
6BH6	6	1	89					1
6BH8	6	12	59					1
			54					2

*Normal Shorts refer to position of "D" Switch.

▲Use TC-75 Adapter

5Y4—6BH8

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
6BH11	6	36	27	1	12	12	4	1
			27	1	12	12	6	1
			27	1	12	12	8	1
6BJ3	6	36	26	1	12	4	10	1
6BJ6	6	1	81					1
6BJ7	6	39	33	5	4	12	2	1
			33	5	4	12	6	1
			33	5	4	12	8	1
6BJ8	6	39	38	5	4	12	8	1
			34	5	4	12	1	1
			34	5	4	12	6	1
6BK4A	6	38	78	7	2	6	5	1
6BK4AA	6	38	78	7	2	6	5	1
6BK4BA	6	38	78	7	2	6	5	1
6BK5	6	10	53					1
6BK6	6	6	86					1
			70					2
6BK7	6	8	55					1
			55					2
6BK11	6	36	35	1	12	12	7	1
			35	1	12	12	9	1
			35	1	12	12	11	2
6BL4	6	34	10					1
6BL7	6	25	57					1
			57					2
6BL8	6	11	66					1
			55					2
6BM8	6	39	33	5	4	12	8	1
			39	5	4	12	1	1
6BN4	6	41	*33	4	3	2	7	1
*Normally shows short position 1-6.								
6BN5	6	39	*39	5	4	1	2	1
*Normally shows short position 6-8.								
6BN6	6	7	75					1
6BN8	6	39	35	5	4	12	8	1
			35	5	4	12	1	1
			35	5	4	12	8	1
6BN11	6	36	29	1	12	12	3	1
			29	1	12	12	7	1
6BQ5	6	23	68					1
6BQ6	6	27	69					1
6BQ7	6	8	54					1
			54					2
6BR3	6	15	10					1
6BR8	6	14	72					1
			55					2
6BS3	6	44	27	4	5	2	7	1
6BS3A	6	44	27	4	5	2	7	1
6BS8	6	8	54					1
			54					2
6BT6	6	6	85					1
			78					2
6BT8	6	39	33	5	4	12	8	1
			54	5	4	12	1	1
			54	5	4	12	2	1
6BU6	6	6	85					1
			80					2
6BU8	6	21	92					1
			92					2
6BV8	6	39	31	5	4	12	2	1
			33	5	4	12	6	1
			33	5	4	12	9	1
6BV11	6	36	30	1	12	12	6	1
			30	1	12	12	7	1
6BW3	6	36	28	1	12	4	10	1
6BW4	6	39	50	5	4	12	1	1
			50	5	4	12	7	1
6BW6	6	39	42	4	5	1	2	1
6BW7	6	9	76					1
6BW8	6	39	53	5	4	2	6	1
			34	5	4	7	1	1
			34	5	4	7	3	1
6BW11	6	36	30	1	12	12	3	1
			30	1	12	12	11	1
6BX6	6	8	76					1
6BX7	6	25	55					1
			55					2
6BX8	6	39	33	5	4	12	2	1
			33	5	4	12	7	1
6BY5	5	38	38	7	2	12	4	1
			38	7	2	12	5	1
6BY6	6	1	93					1
6BY7	6	9	62					1
6BY8	6	39	34	5	4	12	1	1
			34	5	4	12	6	1
6BY11	6	36	32	1	12	12	3	1
			32	1	12	12	8	1
6BZ3	6	36	30	1	12	4	10	1
6BZ6	6	1	61					1
6BZ7	6	8	53					1
			53					2
6BZ8	6	8	55					1
			55					2
6C4	6	41	41	4	3	1	6	1
6C5	6	29	99					1
6C6	6	38	48	7	2	12	5	1
			48	7	2	12	10	1
6C9	6	39	28	5	4	6	1	1
			28	5	4	10	7	1
6C10	6	36	42	1	12	12	7	1
			42	1	12	12	9	1
			42	1	12	12	11	1
6C16	6	11	66					1
			55					2
6C18	6	39	30	4	5	8	7	1
			33	4	5	8	9	1
6C31	6	41	*80	4	3	1	7	1
*Normally shows short position 5-6.								
6CA4	6	39	34	5	4	12	1	1
			34	5	4	12	7	1
6CA5	6	4	55					1
6CA7	6	29	53					1
6CA11	6	36	35	1	12	8	3	1
			33	1	12	8	6	1
			33	1	12	7	8	1
6CB5	6	26	43					1
6CB6	6	1	64					1
6CCYZ	6	39	29	9	1	12	3	1
			29	9	1	12	7	1
6CC31	6	2	60					1
			60					2
6CD3	6	36	*27	1	12	4	10	1
*Some tubes may show short position 5-6-8-9.								
6CD6	6	28	53					1
6CE3	6	36	25	1	12	4	10	1
6CE5	6	1	62					1
6CF6	6	1	60					1
6CG3	6	36	30	1	12	4	10	1
6CG7	6	8	76					1
			76					2
6CG8	6	14	73					1
			57					2
6CH3	6	44	29	4	5	7	2	1
6CH6	6	9	55					1
6CH8	6	39	33	5	4	12	7	1
			36	5	4	12	8	1
6CJ3	6	44	25	4	5	7	2	1
6CJ5	6	39	*32	5	4	7	2	1
*Normally shows short position 1-6-8.								
6CK3	6	44	25	4	5	7	2	1
6CK4	6	38	34	7	2	1	3	1
6CK6	6	39	30	5	4	12	2	1
6CL3	6	44	27	4	5	2	7	1
6CL5	6	26	54					1
6CL6	6	39	*32	5	4	2	9	1
*Normally shows short position 3-8.								
6CL8	6	14	69					1
			51					2
6CM3	6	44	39	4	5	2	7	1
6CM4	6	40	29	4	5	3	6	1
6CM5	6	27	58					1
6CM6	6	16	64					1
6CM7	6	19	80					1
			94					2
6CM8	6	39	33	5	4	12	2	1
			56	5	4	12	8	1
6CN6	6	29	*62					1
*For Plate Cap use Jack Next to Socket 28.								
6CN7	6	18	94					1
			60					2
6CQ4	6	34	11					1
6CQ6	6	41	35	4	3	12	1	1
6CQ8	6	11	72					1
			55					2
6CR6	6	41	39	4	3	12	7	1
			61	4	3	12	2	1
6CR8	6	39	*32	5	4	12	2	1
			*34	5	4	12	9	1
*Normally shows short position 8.								
6CS6	6	1	94					1
6CS7	6	20	96					1
			95					2
6CT3	6	39	32	4	5	6	2	1
6CU5	6	4	47					1
6CU6	6	27	69					1
6CU8	6	39	32	5	4	1	7	1
			33	5	4	8	8	1
6CW4	6	43	*87	10	12	12	2	1
*For grid emission turn D switch to position 4.								
6CW5	6	23	58					1
6CW7	6	39	33	5	4	7	2	1
			33	5	4	7	6	1
6CX8	6	12	49					1
			67					2
6CY5	6	1	54					1
6CY7	6	39	31	5	4	2	3	1
			45	5	4	2	7	1
6CZ5	6	16	60					1
6D1	6	41	43	4	3	1	6	1
6D2	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
6D4	6	41	43	4	3	12	1	1
6D8	6	38	43	7	2	12	5	1
6D10	6	38	32	1	12	12	7	1
			32	1	12	12	9	1
			32	1	12	12	11	1
6DA4	6	34	11					1
6DA6	6	9	80					1
6DB5	6	16	30					1
6DB6	6	1	87					1
6DC6	6	1	67					1
6DC8	6	39	33	5	4	12	2	1
			60	5	4	12	7	1
			60	5	4	12	8	1
6DE4	6	34	13					1
6DE6	6	1	61					1

*Normal Shorts refer to position of "D" Switch.

◎Use TC-629 Adapter. ◆Use TC-80 Adapter.

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Master Socket	Semi-Utility	A	B	C	D	Test Pos.
6DE7	6 20	81					1
		90					2
6DG6	6 29	38					1
6DJ8	6 39	31	5	4	12	2	1
		31	5	4	12	7	1
6DK3	6 44	31	4	5	2	7	1
6DK6	6 1	61					1
6DL3	6 44	28	4	5	7	2	1
6DL4	6 39	*85	4	5	7	8	1
*Normally shows short position 1-3-6-9.							
6DL5	6 3	68					1
6DN4	6 34	11					1
6DN3	6 44	31	4	5	2	7	1
6DN6	6 26	47					1
6DN7	6 25	56					1
		77					2
6DQ3	6 36	30	1	12	4	10	1
6DQ4	6 34	11					1
6DQ5	6 26	55					1
6DQ6	6 27	65					1
6DQ6B	6 27	62					1
6DR4	6 41	43	4	3	1	6	1
6DR7	6 39	32	4	5	2	3	1
		40	4	5	2	7	1
6DR8	6 39	31	5	4	12	2	1
		62	5	4	12	7	1
		62	5	4	12	8	1
6DS4	6 43	*87	10	12	12	2	1
*For grid emission turn D switch to position 4.							
6DS5	6 3	76					1
6DS8	6 39	30	5	4	12	2	1
		34	5	4	12	9	1
6DT3	6 36	31	1	12	4	10	1
6DT4	6 34	11					1
6DT5	6 16	45					1
6DT6	6 1	91					1
6DT8	6 8	71					1
		71					2
6DU3	6 36	30	1	12	4	10	1
6DW4	6 44	27	4	5	2	7	1
6DW5	6 16	30					1
6DX4	6 41	*62	3	4	1	7	1
*Normally shows short position 2-6.							
6DX8	6 39	26	4	5	12	8	1
		26	4	5	12	1	1
6DY4	6 41	*24	4	3	2	6	1
*Normally shows short position 1-7.							
6DY5	6 23	68					1
6DZ4	6 41	*31	3	4	6	2	1
*Normally shows short position 1-7.							
6DZ7	6 38	40	7	2	12	1	1
		40	7	2	12	5	1
6DZ8	6 39	27	4	5	8	3	1
		30	4	5	2	1	1
6E8	6 38	45	7	2	1	5	1
6EA4*	6 36	80	1	12	6	4	1
*Insert a 2.7K 1W 5% resistor from pin hole No. 4 to No. 6 of socket No. 37, remove resistor after test is completed. *Normally shows short position 2-5-9-11.							
6EA5	6 1	80					1
6EA7	6 38	35	8	7	12	1	1
		39	8	7	12	4	1
6EA8	6 11	71					1
		56					2
6EB5	6 41	53	3	4	12	2	1
		53	3	4	12	7	1
6EB8	6 12	35					1
		99					2
6EC4▣	6 38	32	7	8	2	5	1
6ED4◆	6 44	*52	4	5	12	8	1
*Normally shows short position 2-3-6-7-9.							
6EF4*	6 36	76	1	12	6	4	1
*Insert a 2.7K 1W 5% resistor from pin hole No. 4 to No. 6 of socket No. 37, remove resistor after test is completed. *Normaly shows short position 2-9.							
6EH4*	6 36	80	1	12	6	4	1
*Insert a 2.7K, 1w., 5% resistor from pin hole #4 to #6 of socket #37. Remove resistor after test is completed. *Normally shows short position 2-5-9-11.							
6EH5	6 4	57					1
6EH7	6 9	40					1
6EH8	6 12	71					1
		54					2
6EJ4*	Use 6EF4 settings. May show short position 2-9-11.						
6EJ7	6 9	58					1
6EL4▲	6 38	78	7	2	8	5	1
6EM5	6 16	53					1
6EM7	6 38	32	8	7	12	1	1
		45	8	7	12	4	1
6EN4	6 38	*40	7	2	8	5	1
*Normally shows short position 1-3-4-8. *Tube good if it reads 40 or more.							
6EQ7	6 38	34	5	4	12	2	1
		71	5	4	12	8	1
6ER5	6 41	33	4	3	1	2	1
6ES5	6 41	33	4	3	1	2	1
6ES8	6 8	30					1
		30					2
6ET6	6 41	30	4	3	12	1	1
6ET7	6 39	30	5	4	12	7	1
		70	5	4	12	2	1
		70	5	4	12	3	1
6EU7	6 39	35	2	1	12	5	1
		35	2	1	12	8	1
6EU8	6 39	32	5	4	12	7	1
		32	5	4	12	2	1
6EV5	6 1	57					1
6EV7	6 8	78					1
		78					2
6EW6	6 1	77					1
6EW7	6 20	87					1
		92					2
6EX6	6 26	42					1
6FY6	6 29	65					1
6EZ5	6 29	68					1
6EZ8	6 39	33	5	4	12	2	1
		33	5	4	12	7	1
6F5	6 38	40	7	2	1	10	1
6F6	6 29	91					1
6F8	6 38	45	7	2	12	5	1
		45	7	2	12	10	1
6F10	5 30	60					1
6F21	6 41	35	4	3	12	1	1
6F22	6 39	40	5	4	2	9	1
6F29	6 9	40					1
6F31	6 1	78					1
6F33	6 1	77					1
6F36	6 1	58					1
6F40	6 39	39	5	4	2	9	1
6FA7	6 39	33	5	4	12	7	1
		65	5	4	12	3	1
6FC7	6 39	29	4	5	7	2	1
		29	4	5	7	6	1
6FD6	6 41	28	3	4	2	1	1
6FD7	6 39	25	4	5	2	3	1
		32	4	5	2	7	1
6FE5	6 29	37					1
6F6S	6 41	31	4	3	2	1	1
6FG7	6 14	68					1
		56					2
6FH5	6 41	33	4	3	1	2	1
6FH8	6 39	32	5	4	12	6	1
		32	5	4	12	2	1
6FJ7	6 36	38	1	12	12	3	1
		44	1	12	12	10	1
6FM7	6 36	25	1	12	3	8	1
		36	1	12	3	10	1
6FM8	6 39	47	5	4	12	8	1
		34	5	4	12	2	1
		34	5	4	12	8	1
6FQ5	6 41	33	4	3	1	2	1
6FQ5A	6 41	31	4	3	1	2	1
6FQ7	6 8	68					1
		68					2
6FR7	6 39	24	4	5	2	3	1
		32	4	5	2	7	1
6FS5	6 1	99					1
6FV6	6 1	54					1
6FV8	6 14	65					1
		54					2
6FW5	6 28	57					1
6FW8	6 8	30					1
		30					2
6FY5	6 41	33	4	3	1	2	1
6FY7	6 36	25	1	12	12	3	1
		42	1	12	12	10	1
6G8	6 29	94					1
6G11	6 36	33	1	12	12	3	1
		31	1	12	12	8	1
6G-B3A	6 27	65					1
6G85◆	6 44	*25	4	5	2	1	1
*Normally shows short position 3-6-7-9.							
6G-B6	6 27	64					1
6G-B7	6 27	58					1
6G89	6 27	64					1
6GC5	6 16	26					1
6GC6	6 26	52					1
6GD7	6 14	74					1
		63					2
6GE5	6 36	*24	1	12	11	3	1
*Normally shows short position 4-10.							
6GE8	6 39	33	5	4	12	8	1
		33	5	4	12	3	1
6GF5	6 36	*24	1	12	11	3	1
*Normally shows short position 4-10.							
6GF7	6 44	27	4	5	12	2	1
		38	4	5	12	8	1
6GF7A	6 44	27	4	5	12	2	1
		38	4	5	12	9	1
6GH8	6 11	68					1
		58					2
6GH8A	6 11	68					1
		56					2
6GJ5	6 35	65					1
6GJ5A	6 35	65					1
6GJ7	6 22	62					1
		78					2
6GJ8	6 11	70					1
		53					2
6GK5	6 41	25	4	3	1	2	1
6GK6	6 9	40					1
6G-K17	6 34	12					1
6GL7	6 25	54					1
		38					2
6GM5	6 38	*25	4	5	2	6	1
*May show short position 3-8.							

*Normal Shorts refer to position of "D" Switch.

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TUBE TYPE	Heater	Socket	Resist-ivity	A	B	C	D	Test Pos.
6GM6	6	1	64					1
6GM8	6	39	33	5	4	12	2	1
			33	5	4	12	7	1
6GN7	6	9	21					1
6GN8	6	12	36					1
			98					2
6GQ7	6	39	24	4	5	3	2	1
			24	4	5	3	6	1
			24	4	5	3	5	1
6GS7	6	14	80					1
			53					2
6GS8	6	21	95					1
			95					2
6GT5	6	35	63					1
6GT5A	6	35	63					1
6GU5	6	41	27	3	4	2	1	1
6GU7	6	8	56					1
			56					2
6GV5	6	36	*26	1	12	5	9	1
*Normally shows short position 3-4-7-10-11.								
6GV7	6	39	30	4	5	8	7	1
			33	4	5	8	9	1
6GV8	6	39	25	4	5	12	8	1
			25	4	5	12	2	1
6GW5	6	41	29	3	4	6	2	1
6GW6	6	27	62					1
6GW8	6	39	25	4	5	2	6	1
			35	4	5	7	1	1
6GX6	6	1	65					1
6GX7	6	22	76					1
			73					2
6GY5	6	36	*25	1	12	5	9	1
*Normally shows short position 3-4-7-10-11.								
6GY6	6	1	82					1
6GY8	6	39	*32	5	4	12	1	1
			*32	5	4	12	3	1
			*94	5	4	12	6	1
*Normally shows short position 4.								
6GZ5	6	41	30	3	4	2	5	1
6H5	6	38	48	7	2	1	3	1
			48	7	2	1	5	1
6H31	6	1	91					1
6HA5	6	5	56					1
6HA6	6	9	23					1
6HB5	6	36	*25	1	12	11	3	1
*Normally shows short position 4-10.								
6HB6	6	9	20					1
6HB7	6	22	75					1
			75					2
6HC8	6	39	36	5	4	12	3	1
			38	5	4	12	1	1
6HD5	6	36	*27	1	12	3	11	1
*Normally shows short position 4-5-8-10.								
6HD7	6	39	30	4	5	1	2	1
			30	4	5	1	9	1
6HE5	6	36	*32	1	12	9	2	1
*Normally shows short position 3-4-10-11.								
6HE7	6	36	27	1	12	10	2	1
			27	1	12	10	9	1
6HF5	6	36	*25	1	12	9	5	1
*Normally shows short position 3-4-6-8-10-11.								
6HF8	6	12	27					1
			80					2
6HG5	6	3	85					1
6HG8	6	39	25	4	5	3	2	1
			25	4	5	1	6	1
6HJ5	6	36	*27	1	12	3	11	1
*Normally shows short position 4-5-9-10.								

TUBE TYPE	Heater	Socket	Resist-ivity	A	B	C	D	Test Pos.
6HJ7	6	39	*78	4	5	1	7	1
			30	4	5	1	9	1
*For grid emission turn D switch to position 2.								
6HJ8	6	39	29	5	4	12	2	1
			31	5	4	12	6	1
6HK5	6	5	56					1
6HL5	6	39	30	4	5	1	2	1
6HL8	6	11	60					1
			60					2
6HM5	6	5	57					1
6HM6	6	9	68					1
6HQ5	6	5	55					1
6HR5	6	3	77					1
6HR6	6	1	71					1
6HS5	6	36	*30	1	12	11	2	1
*Normally shows short position 3-10.								
6HS6	6	1	66					1
6HS8	6	21	99					1
			99					2
6HT5	6	36	*52	1	12	2	6	1
*May show short position 4-7-9-11.								
6HT6	6	9	60					1
6HU5	6	39	52	4	5	2	1	1
6HU8	6	39	29	4	5	12	2	1
			29	4	5	12	6	1
6HV5	6	36	*33	1	12	2	11	1
*Normally shows short position 3-10.								
6HW8	6	39	32	4	5	12	6	1
6HZ5	6	36	*30	1	12	2	11	1
*Normally shows short position 3-10								
6HZ6	6	1	63					1
6HZ8	6	12	28					1
			75					2
6J4	6	41	*85	4	3	1	7	1
*Normally shows short position 5-6.								
6J5	6	29	93					1
6J6	6	2	80					1
			60					2
6J7	6	38	50	7	2	1	10	1
6J9	6	39	26	4	5	12	2	1
			26	4	5	12	9	1
			26	4	5	12	7	1
6J10	6	36	96	1	12	12	6	1
			28	1	12	12	11	1
6J11	6	38	22	1	12	12	5	1
			22	1	12	12	11	1
6JA5	6	36	*33	1	12	9	2	1
*Normally shows short position 3-4-10-11.								
6JA8	6	39	25	4	5	12	7	1
			95	4	5	12	8	1
6JB5	6	36	*35	1	12	9	2	1
*Normally shows short position 3-4-10-11.								
6JB6	6	35	62					1
6JB6A	6	35	62					1
6JC5	6	36	*32	1	12	9	2	1
*Normally shows short position 3-4-10-11								
6JC6	6	9	65					1
6JC6A	6	9	59					1
6JC8	6	39	24	4	5	1	2	1
			24	4	5	1	8	1
6JD5	6	36	*30	1	12	2	11	1
*Normally shows short position 3-10								
6JD6	6	9	61					1
6JE6A	6	35	59					1
6JE6B	6	35	59					1
6JE6C	6	35	52					1
6JE8	6	12	56					1
			78					2
6JF6	6	44	*26	4	5	2	8	1
*Normally shows short position 1-7								

TUBE TYPE	Heater	Socket	Resist-ivity	A	B	C	D	Test Pos.
6JG5	6	12	29					1
6JG8	6	35	56					1
6JG8A	6	35	56					1
6JH5	6	36	*32	1	12	11	2	1
*Normally shows short position 3-7-8-10.								
6JH6	6	1	64					1
6JH8	6	39	26	4	5	12	6	1
6JK5	6	36	*32	1	12	11	2	1
*Normally shows short position 3-7-8-10.								
6JK6	6	1	61					1
6JK8	6	8	54					1
			55					2
6JL6	6	1	23					1
6JL8	6	12	40					1
			70					2
6JM6	6	35	26	1	12	4	5	1
6JN6	6	36	27	1	12	4	11	1
6JN8	6	14	67					1
			53					2
6JO6	6	39	*34	4	5	8	7	1
			*57	4	5	8	6	1
*May show short position 2-3.								
6JR6	6	35	50					1
6JS6	6	36	*29	1	12	9	5	1
*Normally shows short position 3-4-10-11								
6JT6	6	35	65					1
6JT6A	6	35	65					1
6JT8	6	12	26					1
			*99					2
*Tube good if reads 60 or more.								
6JU6	6	35	55					1
6JU8	6	39	*32	4	5	2	1	1
			**32	4	5	6	7	1
*Normally shows short position 8.								
**Normally shows short position 2.								
6JU8A	6	39	*32	4	5	2	1	1
			**32	4	5	8	7	1
*Normally shows short position 8.								
**Normally shows short position 2.								
6JV8	6	12	55					1
			85					2
6JW8	6	11	80					1
			85					2
6JX8	6	22	88					1
			93					2
6JY8	6	12	40					1
			55					2
6JZ6	6	36	*31	1	12	9	5	1
*Some tubes may show short position 3-4-10-11.								
6JZ8	6	36	29	1	12	6	7	1
			40	1	12	6	10	1
6K6	6	29	92					1
6K7	6	38	52	7	2	1	10	1
6K8	6	38	35	7	2	1	5	1
6K11	6	36	38	1	12	12	7	1
			38	1	12	12	8	1
			38	1	12	12	11	1
6KA8	6	39	26	4	5	12	6	1
			33	4	5	12	2	1
6KD6	6	36	*26	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
6KD8	6	11	68					1
			52					2
6KE8	6	11	28					1
			53					2
6KF8	6	21	92					1
			92					2
6KG6◆	6	44	*26	4	5	1	8	1
*Normally shows short position 2-3-6-7.								

*Normal charts refer to position of "D" Switch.

◆Use TC-60 Adapter.
▲Use TC-75 Adapter.

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TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
6KL8	6	39	31	4	5	12	2	1
			70	4	5	12	8	1
6KM6	6	35	53					1
6KM8	6	39	31	4	5	12	7	1
			75	4	5	12	3	1
6KN6	6	36	*30	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
6KN8	6	39	86	4	5	12	1	1
			90	4	5	12	6	1
6KR8	6	12	22					1
			59					2
6KR8A	6	12	22					1
			59					2
6KS6	6	7	83					1
6KS8	6	12	33					1
			84					2
6KT6	6	9	52					1
6KT8	6	12	67					1
			91					2
6KU8	6	39	22	4	5	12	7	1
			60	4	5	12	2	1
			60	4	5	12	3	2
6KV6	6	44	30	4	5	1	2	1
6KV8	6	12	22					1
			82					2
6KW6◆	6	44	30	4	5	1	8	1
6KY6	6	9	20					1
6KY8	6	44	27	4	5	12	2	1
			39	4	5	12	9	1
6KY8A	6	44	27	4	5	12	2	1
			39	4	5	12	9	1
6KZ8	6	39	26	4	5	12	2	1
			26	4	5	12	8	1
6L5	6	38	53	7	2	6	5	1
6L6	6	29	63					1
6L7	6	38	44	7	2	1	10	1
6L10	6	30	38					1
6L12	6	8	70					1
			70					2
6L41	6	39	33	5	4	8	9	1
6L43	6	39	*32	5	4	2	9	1
*Normally shows short position 3-8.								
6LB6	6	36	*30	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
6LB8	6	12	21					1
			71					2
6LC6A	6	38	78	7	2	12	5	1
6LC8	6	39	24	4	5	3	6	1
			24	4	5	8	2	1
6LD6	6	9	51					1
6LD12	6	16	90					1
			63					2
6LE8	6	39	29	4	5	12	9	1
6LF6	6	36	*31	1	12	5	9	1
*May show short position 3-4-7-10-11.								
6LF8	6	12	55					1
	6	12	95					2
6LG6	6	36	*32	1	12	9	5	1
*May show short position 2-3-4-7-10-11.								
6LH6A	6	38	78	7	2	12	5	1
6LJ6A	6	38	78	2	7	12	5	1
			95					2
6LJ8	6	14	85					1
			60					2
6LM8	6	11	68					1
			58					2
6LN8	6	11	68					1
			85					2
6LP12	6	39	33	5	4	12	3	1
			39	5	4	12	1	1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
6LQ6	6	35	52					1
6LQ8	6	12	81					1
			50					2
6LR6	6	36	*32	1	12	9	5	1
*May show short position 3-4-7-10-11.								
6LR8	6	44	31	4	5	12	2	1
			31	4	5	12	9	1
6LT8	6	39	27	4	5	7	9	1
			32	4	5	1	8	1
			32	4	5	1	9	1
6LU6	6	1	52					1
6LU8	6	36	27	1	12	6	7	1
			27	1	12	8	10	1
6LV6	6	36	*31	1	12	5	9	1
*May show short position 3-4-7-10-11								
6LW6	6	38	*31	7	8	1	5	1
*Normally shows short position 2-8								
6LX8	6	11	80					1
			85					2
6LY8	6	12	21					1
			*99					2
*Tube good if it reads 28 or more.								
6LZ6	6	35	53					1
6M11	6	36	25	1	12	12	2	1
			25	1	12	12	5	1
			25	1	12	12	8	1
6MA6	6	38	*58	3	8	2	6	1
*Tube good if it reads 40 or more.								
*No short test.								
6MB6	6	36	*32	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
6MB8	6	14	84					1
			81					2
6MC6	6	35	46					1
6MD8	6	44	35	4	5	12	6	1
			35	4	5	12	8	1
			35	4	5	12	9	1
6ME6	6	35	53					1
6ME8	6	39	30	4	5	12	6	1
6MF8	6	36	35	1	12	6	7	1
			34	1	12	6	10	1
6MG8	6	11	80					1
			59					2
6M-H1	6	41	*85	4	3	1	7	1
*Normally shows short position 5-6								
6MH6	6	36	*31	1	12	5	9	1
*May show short position 3-4-7-10-11								
6M-HN3	6	2	56					1
			56					2
6MJ8	6	36	35	1	12	7	8	1
			35	1	12	7	10	1
			35	1	12	7	11	1
6MK8	6	21	98					1
			98					2
6M-L4	6	41	*24	4	3	2	6	1
*Normally shows short position 1-7.								
6MLB	6	39	34	4	5	12	6	1
				4	5	12	8	1
			....	4	5	12	9	1
6MN8	6	36	33	1	12	7	8	1
			33	1	12	7	10	1
			33	1	12	7	11	1
6M-P17	6	3	90					1
6M-P18	6	41	34	3	4	7	1	1
6MP20	6	1	43					1
6MQ8	6	11	65					1
			66					2
6MU8	6	11	42					1
6MV6	6	12	63					1
			60					2

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
6MX8	6	44	27	4	5	12	2	1
			39	4	5	12	9	1
6MY8	6	36	27	1	12	6	7	1
			27	1	12	6	10	1
6N3	6	39	29	4	5	8	9	1
6N7	6	38	47	7	2	1	4	1
			47	7	2	1	5	1
6N8	6	39	37	5	4	12	2	1
			64	5	4	12	7	1
			64	5	4	12	8	1
6NK7GT	6	30	84					1
6P5	6	29	93					1
6P15	6	23	68					1
6Q7	6	38	40	7	2	1	10	1
			63	7	2	1	4	1
			63	7	2	1	5	1
6Q8	6	38	45	7	2	1	5	1
6Q11	6	38	38	1	12	12	7	1
			38	1	12	12	9	1
			38	1	12	12	11	1
6R3	6	39	33	5	4	2	9	1
6R4	6	39	30	4	5	12	1	1
6R7	6	38	52	7	2	1	10	1
			63	7	2	1	4	1
			63	7	2	1	5	1
6R8	6	17	86					1
			62					2
6RA6	6	40	34	4	5	9	7	1
6R-A9	6	39	30	4	5	7	2	1
6R-B11	6	39	32	4	5	6	3	1
6R-HH2	6	8	53					1
			53					2
6R-HN8	4	39	86	4	5	12	1	1
			90	4	5	12	6	1
6R-K19	6	15	10					1
6R-P15	6	39	35	4	5	1	2	1
6R-P22	6	39	*32	4	5	2	9	1
*Normally shows short position 3-8.								
6S2	6	24	35					1
6S4	6	16	58					1
6S7	6	38	47	7	2	1	10	1
6S8	6	38	45	8	7	5	10	1
			62	8	7	5	1	1
			62	8	7	5	4	1
			63	8	7	2	3	1
6SA7	6	38	37	7	2	1	5	1
6SB7Y	6	38	34	7	2	1	5	1
6SC7	6	38	48	8	7	1	3	1
			48	8	7	1	4	1
6SD7	6	30	69					1
6SF5	6	38	41	8	7	1	9	1
6SF7	6	38	46	8	7	1	2	1
			69	8	7	1	5	1
6SG7	6	30	77					1
6SH7	6	30	77					1
6SJ7	6	30	83					1
6SK7	6	30	84					1
6SL7	6	25	*85					1
			*85					2
*Tube good if it reads 22 or more.								
6SN7	6	25	78					1
			78					2
6SQ7	6	38	42	8	7	1	2	1
			71	8	7	1	4	1
			71	8	7	1	5	1
6SR7	6	38	46	8	7	1	2	1
			68	8	7	1	4	1
			68	8	7	1	5	1
6SS7	6	38	46	7	2	1	4	1

*Normal Shorts refer to position of "B" Switch.

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B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
6ST7	6	38	52	8	7	1	2	1
			72	8	7	1	4	1
			72	8	7	1	5	1
6SU7	6	38	43	8	7	12	1	1
			43	8	7	12	4	1
6SZ7	6	38	44	8	7	1	2	1
			72	8	7	1	4	2
			72	8	7	1	5	2
6T4	6	41	*33	4	3	2	6	1
*Normally shows short position 1-7.								
6T8	6	17	90					1
			63					2
6T8A	6	17	90					1
			63					2
6T9	6	36	27	1	12	12	8	1
			27	1	12	12	4	1
6T10	6	36	28	1	12	12	3	1
			25	1	12	12	8	1
6U4	6	34	11					1
6U6	6	29	54					1
6U7	6	38	35	7	2	12	10	1
6U8	6	11	78					1
			55					2
6U9	6	42	28	5	6	12	3	1
			32	5	8	12	10	1
6U10	6	36	32	1	12	12	7	1
			32	1	12	12	9	1
			32	1	12	12	11	1
6V3	6	15	10					1
6V4	6	39	40	5	4	12	1	1
			40	5	4	12	7	1
6V6	6	29	79					1
6V8	6	39	40	5	6	12	6	1
			32	5	4	12	2	1
			32	5	4	12	7	1
			61	5	4	12	9	1
6V9	6	42	31	5	6	12	3	1
			30	5	8	12	8	1
6W4	6	34	11					1
6W6	6	29	51					1
6W7	6	38	50	7	2	12	10	1
6X4	6	41	44	4	3	12	1	1
			44	4	3	12	6	1
6X5	6	33	15					1
			13					2
6X8	6	38	48	7	2	12	3	1
			48	7	2	12	5	1
6X8	6	12	73					1
			61					2
6X9	6	42	30	5	6	12	3	1
			30	5	8	12	10	1
6Y6	6	29	40					1
6Y8	6	42	27	5	6	12	1	1
			27	5	6	12	8	1
6Y10	6	36	29	1	12	4	3	1
			29	1	12	4	8	1
6Z10	6	36	30	1	12	12	11	1
			95	1	12	12	6	1
6Z31	6	41	44	4	3	12	1	1
			44	4	3	12	6	1
6ZY5	6	33	17					1
7A4	6	37	41	8	1	12	6	1
7A5	6	37	34	8	1	12	6	1
7A6	6	37	48	8	1	12	3	1
			48	8	1	12	6	1
7A7	6	37	45	8	1	12	6	1
7A8	6	37	40	8	1	12	4	1
7AD7	6	37	35	8	1	12	6	1
7AF7	6	37	41	8	1	12	4	1
			41	8	1	12	5	1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
7AG7	6	37	32	8	1	12	6	1
7AH7	6	37	32	8	1	12	6	1
7AK7	6	37	33	8	1	12	6	1
7AM7	7	39	33	5	4	7	2	1
			33	8	4	7	6	1
7AU7	7	8	75					1
			75					2
7B4	6	37	40	8	1	12	6	1
7B5	6	37	52	8	1	12	6	1
7B6	6	37	40	8	1	4	3	1
			68	8	1	4	5	1
			68	8	1	4	6	1
7B7	6	37	45	8	1	12	6	1
7B8	6	37	42	8	1	12	4	1
7C4	6	37	53	8	1	12	4	1
7C5	6	37	38	8	1	12	6	1
7C6	6	37	50	8	1	4	3	1
			68	8	1	4	5	1
			68	8	1	4	6	1
7C7	6	37	37	8	1	12	6	1
7D10	6	9	55					1
7D8	7	39	31	5	4	12	2	1
			31	5	4	12	7	1
7E5	6	37	*33	8	2	1	5	1
*Normally shows short position 3-4-6-7.								
7E6	6	37	40	8	1	4	3	1
			69	8	1	4	5	1
			69	8	1	4	6	1
7E7	6	37	47	8	1	12	6	1
			68	8	1	12	3	1
			68	8	1	12	4	1
7E8B	7	8	30					1
			30					2
7EY6	7	29	65					1
7F7	6	37	45	8	1	12	4	1
			45	8	1	12	5	1
7F8	6	37	30	7	2	12	1	1
			30	7	2	12	8	1
7FC7	7	39	29	4	5	7	2	1
			29	4	5	7	6	1
7G7	6	37	36	8	1	12	6	1
7GS7	7	14	80					1
			53					2
7GV7	7	39	30	4	5	8	7	1
			33	4	5	8	9	1
7H7	6	37	35	8	1	12	6	1
7HG8	7	39	25	4	5	3	2	1
			25	4	5	1	6	1
7J7	6	37	35	8	1	12	6	1
			50	8	1	12	4	1
7K7	6	37	45	8	1	12	4	1
			85	8	1	12	5	1
			65	8	1	12	6	1
7KY6	7	9	20					1
7K26	7	9	17					1
7L7	6	37	36	8	1	12	6	1
7M-P18	7	41	34	3	4	7	1	1
7N7	6	37	42	8	1	12	4	1
			42	8	1	12	5	1
7Q7	6	37	35	8	1	12	4	1
7R7	6	37	35	8	1	12	6	1
			72	8	1	12	3	1
			72	8	1	12	4	1
7S7	6	37	38	8	1	12	6	1
			52	8	1	12	4	1
7V7	6	37	32	8	1	12	6	1
7W7	6	37	31	8	1	4	6	1
7X6	6	37	35	8	1	12	3	1
			35	8	1	12	6	1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
7X7	6	37	43	8	1	12	8	1
			36	8	1	12	5	1
			35	8	1	12	6	1
7Y4	6	37	45	8	1	12	3	1
			45	8	1	12	6	1
7Z4	6	37	50	8	1	12	3	1
			50	8	1	12	6	1
8AB	8	11	66					1
8AC9	8	36	28	1	12	3	9	1
			45	1	12	3	2	1
			35	1	12	2	3	1
8AC10	8	36	32	1	12	12	7	1
			32	1	12	12	9	1
			32	1	12	12	11	1
8AL9	8	36	28	1	12	12	5	1
			28	1	12	12	11	1
8AR11	8	36	28	1	12	12	5	1
			28	1	12	12	10	1
8AU8	8	12	56					1
			72					2
8AV11	8	36	30	1	12	12	7	1
			30	1	12	12	9	1
			30	1	12	12	11	1
8AW8	8	12	44					1
			78					2
8B8	8	39	33	4	5	12	3	1
			39	4	5	12	1	1
8B10	8	36	34	1	12	12	3	1
			34	1	12	12	5	1
			34	1	12	12	8	1
			34	1	12	12	10	1
8BA8	8	12	53					1
			59					2
8BA11	8	36	29	1	12	12	4	1
			37	1	12	12	9	1
8BN8	8	12	59					1
			54					2
8BM11	8	36	30	1	12	12	8	1
			30	1	12	12	11	1
8BN8	8	39	35	5	4	12	8	2
			35	5	4	12	1	1
8BN11	8	36	29	1	12	12	3	1
			29	1	12	12	7	1
8BO5	8	23	68					1
8BO7	8	8	54					1
			54					2
8BO11	8	36	28	1	12	12	5	1
			28	1	12	12	10	1
8BU11	8	36	24	1	12	12	8	1
			28	1	12	12	4	1
8CB11	8	36	28	1	12	12	6	1
			28	1	12	12	5	1
			28	1	12	12	10	1
8CG7	8	8	76					1
			76					2
8CH6	8	39	33	5	4	12	7	1
			36	5	4	12	8	1
8CL8	8	14	69					1
			51					2
8CM7	8	19	80					1
			94					2
8CN7	8	18	94					1
			80					2
8CS7	8	20	96					1
			85					2
8CU8	8	39	32	5	4	1	7	1
			33	5	4	8	8	1
8CW5	8	23	58					1
8CX8	8	12	45					1
			87					9

"Normal Shorts refer to position of "D" Switch

Plus TC-80 Adapter.

6ST7—8CX8

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
8CY5	8	1	54					1
8CY7	8	39	31	5	4	2	3	1
			45	5	4	2	7	1
8DS	6	39	41	5	4	2	9	1
8DE7	8	20	81					1
			90					2
8DX8	8	39	26	4	5	12	8	1
			28	4	5	12	1	1
8ES8	8	12	35					1
			99					2
8EM5	8	16	53					1
8ET7	8	39	30	5	4	12	7	1
			70	5	4	12	2	1
			79	5	4	12	3	1
8FQ7	8	8	68					1
			69					2
8GJ7	8	22	62					1
			78					2
8GM6	8	1	64					1
8GN8	8	12	36					1
			98					2
8GU7	8	8	56					1
			58					2
8GX7	8	22	76					1
			73					2
8HA6	8	9	23					1
8HG8	8	39	25	4	5	3	2	1
			25	4	5	1	8	2
8JE8	8	12	56					1
			78					2
8JK8	8	8	54					1
			55					2
8JL8	8	12	40					1
			70					2
8JT8	8	12	20					1
			*99					2
*Tube good if reads 60 or more.								
8JU8A	8	39	*32	4	5	2	1	1
			**32	4	5	8	7	1
*Normally shows short position 8.								
**Normally shows short position 2.								
8JV8	8	12	55					1
			85					2
8K11	8	36	38	1	12	12	7	1
			38	1	12	12	9	1
			38	1	12	12	11	1
8KA8	8	39	26	4	5	12	6	1
			33	4	5	12	2	1
8KR8	8	12	22					1
			99					2
8KS8	8	12	33					1
			84					2
8KT8	8	12	67					1
			91					2
8LC8	6	39	24	4	5	3	6	1
			24	4	5	6	2	1
8LE8	8	39	29	4	5	12	9	1
8LS6	8	9	44					1
8LT8	8	39	27	4	5	7	9	1
			32	4	5	1	8	1
			32	4	5	1	8	1
8MD8	8	44	35	4	5	12	6	1
			35	4	5	12	8	1
			35	4	5	12	9	1
8M-P12	8	1	60					1
8MU8	8	11	42					1
			69					2
8R-HP1	8	39	33	4	5	12	3	1
			39	4	5	12	1	1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
8R-LP1	8	39	35	4	5	12	1	1
			82	4	5	12	3	1
8SN7	8	25	78					1
			78					2
8U8	8	42	28	5	6	12	3	1
			32	5	6	12	10	1
8X9	8	42	30	5	6	12	3	1
			30	5	6	12	10	1
9A8	9	11	66					1
			55					2
9AH9	9	36	37	1	12	5	2	1
			30	1	12	5	8	1
9AK8	9	16	90					1
			63					2
9AK10	9	36	32	1	12	12	7	1
			32	1	12	12	9	1
			32	1	12	12	11	1
9AM10	9	36	34	1	12	12	7	1
			34	1	12	12	9	1
			34	1	12	12	11	1
9AQ8	9	8	70					1
			70					2
9AU7	9	8	75					1
			75					2
9BJ11	9	36	28	1	12	12	6	1
			28	1	12	12	11	1
9BR7	9	39	32	5	4	9	2	1
			37	5	4	9	6	1
			37	5	4	9	7	1
9BR8	9	14	72					1
			55					2
9CC8A	9	14	73					1
			57					2
9CL8	9	14	69					1
			51					2
9DZ8	9	39	27	4	5	8	5	1
			30	4	5	2	1	1
9EA8	9	11	71					1
			56					2
9ED4◆	9	44	*52	4	5	12	8	1
*Normally shows short position 2-3-6-7-9.								
9GH8A	9	11	68					1
			56					2
9GV8	9	39	25	4	5	12	9	1
			25	4	5	12	2	1
9HS6	9	1	66					1
9J6	9	2	60					1
			60					2
9MM8	9	36	33	1	12	7	8	1
			33	1	12	7	10	1
			33	1	12	7	11	1
9JW8	9	11	80					1
			85					2
9KC6	9	39	25	4	5	12	2	1
			83	4	5	12	9	1
9KG8◆	9	44	*26	4	5	1	8	1
*Normally shows short position 2-3-6-7.								
9EV8	9	12	22					1
			82					2
9KX6	9	9	16					1
9KZ8	9	39	26	4	5	12	2	1
			26	4	5	12	9	1
9LA6	9	9	21					1
9M-HH3	9	2	56					1
			56					2
9ML8	9	39	34	4	5	12	6	1
				4	5	12	8	1
				4	5	12	9	1
9M-P12	9	41	38	3	4	2	1	1
9R-A6	9	40	34	4	5	9	7	1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
9R-AL1	9	39	33	4	5	2	3	1
9R-HB2	9	11	68					1
			56					2
9U8	9	11	79					1
			55					2
9V5	9	42	31	5	6	12	3	1
			30	5	6	12	8	1
9X8	9	12	73					1
			61					2
10AF11	10	36	31	1	12	12	11	1
			31	1	12	12	6	1
			35	1	12	12	3	1
10AL11	10	36	31	1	12	12	8	1
			27	1	12	12	9	1
10BQ5	10	23	68					1
10C8	10	13	59					1
			73					2
10CW5	10	23	58					1
10D2	19	41	33	3	4	12	2	1
			33	3	4	12	7	1
10DE7	10	20	81					1
			90					2
10DR7	10	39	32	5	4	2	3	1
			41	5	4	2	7	1
10DX8	10	39	26	4	5	12	8	1
			26	4	5	12	1	1
10/E/312	25	29	47					1
10/E/349	6	29	79					1
10/E/558	6	38	52	7	2	12	10	1
10/E/11448	6	29	93					1
10/E/11533	6	29	83					1
10/E/11581	6	38	40	7	2	12	10	1
10EB8	10	12	35					1
			99					2
10EG7	10	38	32	8	7	12	1	1
			45	8	7	12	4	1
10EM7	10	38	32	8	7	12	1	1
			45	8	7	12	4	1
10EW7	10	20	87					1
			92					2
10FD7	10	39	25	4	5	2	3	1
			32	4	5	2	7	1
10FR7	10	39	24	4	5	2	3	1
			32	4	5	2	7	1
10GF7	10	44	27	4	5	12	2	1
			38	4	5	12	9	1
10GN8	10	11	68					1
			56					6
10GK6	10	9	40					1
10GM8	10	39	33	5	4	12	2	1
			33	5	4	12	7	1
10GN9	10	12	36					1
			98					2
10GV8	10	39	25	4	5	12	8	1
			25	4	5	12	2	1
10HA6	10	9	73					1
10HF8	10	12	27					1
			80					2
10JA5	10	38	*33	1	12	9	2	1
*Normally shows short position 3-4-10-11.								
10JA8	10	39	25	4	5	12	7	1
			95	4	5	12	3	1
10JT8	10	12	20					1
			*99					2
*Tube good if it reads 60 or more								
10JY8	10	12	36					1
			61					2
10KR8	10	12	22					1
			59					2

*Normal Shorts refer to position of "D" Switch. ◆Use TC-80 Adapter. 8CY5—10KR8

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
10KU8	10	39	22	4	5	12	7	1
			60	4	5	12	2	1
			80	4	5	12	3	1
10LB8	10	12	21					1
			71					2
10LD6	10	9	51					1
10LD12	10	17	90					1
			65					2
10LE8	10	39	29	4	5	12	9	1
10LW8	10	12	25					1
			92					2
10LY8	10	12	21					1
			*99					2
*Tube good if it reads 28 or more.								
10LZ8	10	12	54					1
			*99					2
*Tube good if it reads 40 or more.								
10T10	10	36	28	1	12	12	9	1
			25	1	12	12	8	1
10Z10	10	36	30	1	12	12	11	1
			95	1	12	12	8	1
11AF8	10	42	27	5	6	7	1	1
			27	5	6	2	8	1
11AR11	12	36	28	1	12	12	5	1
			28	1	12	12	10	1
11BM8	12	39	33	5	4	12	3	1
			39	5	4	12	1	1
11BN11	10	36	29	1	12	12	9	1
			29	1	12	12	7	1
11BQ11	10	36	26	1	12	12	5	1
			28	1	12	12	10	1
11BT11	10	36	27	1	12	6	11	1
			30	1	12	8	5	1
			29	1	12	8	3	1
11C5	12	4	54					1
11CA11	10	36	35	1	12	6	3	1
			33	1	12	8	6	1
			33	1	12	7	8	1
11CF11	10	36	34	1	12	7	9	1
			34	1	12	8	11	1
11CH11	10	36	32	1	12	8	5	1
			31	1	12	6	11	1
			34	1	12	9	5	1
			30	1	12	8	3	1
11CY7	12	39	31	5	4	2	3	1
			45	5	4	2	7	1
11DS5	10	3	76					1
11FY7	12	36	25	1	12	12	3	1
			42	1	12	12	10	1
11HM7	10	39	*29	4	5	6	2	1
*Normally shows short position 3-9.								
11JE8	10	12	56					1
			78					2
11KV8	10	12	22					1
			82					2
11LQ8	12	12	31					1
			50					2
11LT8	12	39	27	4	5	7	9	1
			32	4	5	1	6	1
			32	4	5	1	8	1
11LY6	10	9	46					1
11MS8	10	39	25	4	5	12	9	1
			25	4	5	12	2	1
11R3	10	39	33	5	4	2	9	1
11Y8	12	42	27	5	6	12	1	1
			27	5	6	12	8	1
12A4	12	40	32	5	4	3	7	1
12A6	12	29	92					1
12A8	12	38	45	7	2	12	5	1
12AB5	12	16	67					1
12AC6	12	41	42	4	3	12	1	1
12AC10	12	36	32	1	12	12	7	1
			32	1	12	12	9	1
			32	1	12	12	11	1
12AD6	12	41	35	4	3	12	1	1
12AD7	12	8	85					1
			85					2
12AE8	12	41	52	4	3	12	1	1
			66	4	3	12	5	1
			66	4	3	12	6	1
12AE7	12	39	32	5	4	9	2	1
			32	5	4	9	7	1
12AE10	12	36	30	1	12	12	8	1
			31	1	12	12	3	1
12AF3	12	15	12					1
12AF6	12	41	37	4	3	12	1	1
12AF11	12	36	31	1	12	12	11	1
			31	1	12	12	8	1
12AG6	12	41	35	4	3	12	1	1
12AH7	12	36	48	8	7	12	1	1
			48	8	7	12	5	1
12AJ6	12	41	40	4	3	12	1	1
			66	4	3	12	5	1
			66	4	3	12	6	1
12AJ7	12	39	32	5	4	12	2	1
			35	5	4	12	9	1
12AL5	12	41	33	3	4	12	2	1
			33	3	4	12	7	1
12AL8	12	39	34	5	4	12	3	1
			52	5	4	12	8	1
12AL11	12	36	31	1	12	12	3	1
			27	1	12	12	8	1
12AQ5	12	3	77					1
12AS5	12	4	55					1
12AT6	12	6	85					1
			78					2
12AT7	12	8	74					1
			74					2
12AU5	12	28	71					1
12AU6	12	1	82					1
12AU7	12	8	75					1
			75					2
12AU8	12	12	56					1
			72					2
12AV5	12	28	62					1
12AV6	12	6	91					1
			78					2
12AV7	12	8	55					1
			55					2
12AW6	12	1	78					1
12AW8	12	12	44					1
			78					2
12AX3	12	36	30	1	12	10	4	1
12AX4	12	34	13					1
12AX7	12	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								
12AY3	12	44	27	5	4	7	2	1
12AY3A	12	44	27	5	4	7	2	1
12AY7	12	8	93					1
			93					2
12AZ7	12	8	73					1
			73					2
12B4	12	40	35	5	4	3	7	1
12B7	12	37	45	8	1	12	6	1
12BA6	12	1	78					1
12BA7	12	39	33	5	4	12	2	1
12BA11	12	36	28	1	12	12	4	1
			36	1	12	12	9	1
◆12B-B14	12	44	*33	4	5	1	2	1
*Normally shows short position 3-8-7-8.								
12BC32	12	6	91					1
			78					2
12BD6	12	1	85					1
12BE3	12	36	26	1	12	4	10	1
12BE6	12	1	91					1
12BF6	12	6	85					1
			80					2
12BF11	12	36	25	1	12	12	3	1
			25	1	12	12	8	1
12BH7	12	8	56					1
			56					2
12BK5	12	10	53					1
12BK6	12	5	86					1
			70					2
12BL6	12	41	35	4	3	12	1	1
12BN6	12	7	75					1
12BQ6	12	27	69					1
12BR3	12	15	10					1
12BR7	12	39	32	5	4	9	2	1
			36	5	4	9	6	1
			36	5	4	9	7	1
12BS3	12	44	27	4	5	2	7	1
12BT3	12	36	27	1	12	4	10	1
12BT6	12	6	85					1
			78					2
12BU6	12	6	85					1
			80					2
12BV7	12	9	39					1
12BV11	12	36	30	1	12	12	6	1
			30	1	12	12	7	1
12BW4	12	39	90	5	4	12	1	1
			50	5	4	12	7	1
12BX6	12	9	76					1
12BX7	12	25	55					1
			55					2
12BY7	12	9	42					1
12BZ6	12	1	61					1
12BZ7	12	8	95					1
			95					2
12C5	12	4	44					1
12C8	12	38	56	7	2	12	10	1
			65	7	2	12	4	1
			65	7	2	12	5	1
12C8Y	12	38	55	7	2	12	10	1
			65	7	2	12	4	1
			65	7	2	12	5	1
12CA5	12	4	55					1
12CK3	12	44	25	4	5	7	2	1
12CL3	12	44	27	4	5	2	7	1
12CM6	12	16	64					1
12CN5	12	41	33	4	3	2	5	1
12CR6	12	41	39	4	3	12	7	1
			61	4	3	12	2	1
12CS6	12	1	94					1
12CT3	12	39	32	4	5	6	2	1
12CT8	12	13	57					1
			53					2
12CU5	12	4	47					1
12CU6	12	27	69					1
12CX6	12	41	30	4	3	12	1	1
12D4	12	34	11					1
12DA6	12	9	60					1
12DB5	12	16	30					1
12DE8	12	39	36	5	4	12	1	1
			34	5	4	12	3	1
12DF5	12	39	32	5	4	9	1	1
			52	5	4	9	6	1

*Normal Shorts refer to position of "D" Switch

◆Use TC-80 Adapter

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TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
12DF7	12	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								
12DJ8	12	36	31	5	4	12	2	1
			31	5	4	12	7	1
12DK6	12	1	61					1
12DK7	12	39	33	5	4	8	1	1
			80	5	4	8	6	1
			80	5	4	8	8	2
12DL8	12	39	35	5	4	12	3	1
			85	5	4	12	9	1
			85	5	4	12	1	1
12DM4	12	34	11					1
12DM6	12	26	47					1
12DQ4	12	34	11					1
12DQ6	12	27	65					1
12DQ8B	12	27	62					1
12DQ7	12	9	36					1
12DS7	12	39	34	5	4	12	3	1
			*85	5	4	12	1	1
			*85	5	4	12	9	1
*Tube good if it reads 20 or more.								
12DT5	12	16	45					1
12DT6	12	1	61					1
12DT7	12	9	*85					1
			*85					2
*Tube good if it reads 22 or more.								
12DT8	12	8	71					1
			71					2
12DU7	12	39	31	5	4	12	1	1
			77	5	4	12	7	1
			77	5	4	12	9	1
12DW7	12	39	49	5	4	9	7	1
			78	5	4	9	2	1
			78	5	4	9	3	1
12DW8	12	39	35	5	4	12	3	1
			58	5	4	12	9	1
			58	5	4	12	1	1
12DW4A	12	44	27	4	5	2	7	1
12DW5	12	16	30					1
12DW7	12	8	75					1
			*90					2
*Tube good if it reads 22 or more.								
12DW8	12	39	32	5	4	12	2	1
			32	5	4	12	7	1
			44	5	4	12	9	1
12DY8	12	39	30	5	4	12	1	1
			35	5	4	12	9	1
12DZ6	12	41	33	4	3	12	1	1
12DZ8	12	39	27	4	5	8	3	1
			30	4	5	2	1	1
12E5	12	25	93					1
12E13	6	29	52					1
12EA6	12	41	32	4	3	12	1	1
12EC8	12	39	30	5	4	12	9	1
			32	5	4	12	1	1
12ED5	12	4	57					1
12EG6	12	41	36	4	3	12	1	1
12EH5	12	4	57					1
12EK6	12	41	31	4	3	12	1	1
12EL8	12	41	38	4	3	12	1	1
			68	4	3	12	5	1
			68	4	3	12	8	1
12EM6	12	39	34	5	4	12	1	1
			90	5	4	12	9	1
12EN6	12	29	36					1
12EQ7	12	39	34	5	4	12	2	1
			71	5	4	12	8	1
12EZ8	12	41	32	4	3	12	1	1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
12F5	12	36	40	7	2	12	10	1
12F8	12	39	40	5	4	12	8	1
			62	5	4	12	1	1
			62	5	4	12	6	1
12F31	12	1	78					1
12FK6	12	41	40	4	3	12	1	1
			65	4	3	12	5	1
			65	4	3	12	8	1
12FM6	12	41	35	4	3	12	1	1
			68	4	3	12	5	1
			68	4	3	12	8	1
12FQ7	12	8	68					1
			68					2
12FQ8	12	39	39	5	4	12	2	1
			39	5	4	12	7	1
12FR8	12	39	*25	4	5	12	3	1
			*37	4	5	12	1	1
			*62	4	5	12	8	1
*Normally shows short position 5.								
12FS5	12	1	99					1
12FT8	12	41	52	4	3	12	1	1
			66	4	3	12	5	1
			66	4	3	12	8	1
12FV7	12	8	42					1
			42					2
12FX5	12	4	68					1
12FX8	12	39	32	5	4	12	2	1
			28	5	4	12	6	1
12G4	12	41	41	4	3	1	8	1
12G11	12	36	33	1	12	12	3	1
			31	1	12	12	8	1
12GA6	12	41	36	4	3	12	1	1
12G-B3A	12	27	65					1
12G-B7	12	27	61					1
12GC5	12	16	26					1
12GC6	12	26	52					1
12GE5	12	36	*24	1	12	11	3	1
*Normally shows short position 4-10.								
12GJ5	12	35	65					1
12G-K17	12	34	12					1
12GN7	12	9	21					1
12GT5	12	35	63					1
12GT5A	12	35	63					1
12GV5	12	36	*28	1	12	6	9	1
*Normally shows short position 3-4-7-10-11.								
12GW6	12	27	62					1
12H4	12	40	44	4	3	2	6	1
12H6	12	38	48	7	2	12	9	1
			48	7	2	12	5	1
12H31	12	1	91					1
12HB25◆	12	44	*33	4	5	1	2	1
*Normally shows short position 3-6-7-8.								
12HE7	12	36	27	1	12	10	2	1
			27	1	12	10	8	1
12HG7	12	9	28					1
12HL5	12	39	30	4	5	1	2	1
12HL7	12	39	*33	4	5	6	2	1
*Normally shows short position 3-8.								
12HU8	12	39	29	4	5	12	2	1
			29	4	5	12	6	1
12J5	12	29	93					1
12J7	12	36	50	7	2	12	10	1
12J8	12	39	30	5	4	12	1	1
			35	5	4	12	8	1
			35	5	4	12	9	1
12JB6	12	35	62					1
12JB6A	12	35	62					1
12JN8	12	36	26	1	12	4	5	1
12JN8	12	36	27	1	12	4	11	1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
12JN8	12	14	67					1
			53					2
12JQ6	12	39	*34	4	5	8	7	1
			*57	4	5	8	8	1
*May show short position 2-3.								
12JS6	12	36	*29	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
12JT6	12	35	65					1
12JT6A	12	35	65					1
12JZ8	12	36	29	1	12	6	7	1
			40	1	12	6	10	1
12JF5	12	36	*32	1	12	11	3	1
*Normally shows short position 4-10.								
12K5	12	41	35	4	3	5	8	1
12K7	12	38	52	7	2	12	10	1
12K8	12	38	35	7	2	12	9	1
12KA8	12	39	26	4	5	12	6	1
			33	4	5	12	2	1
12KL8	12	39	31	4	5	12	2	1
			70	4	5	12	8	1
12L6	12	29	47					1
12M08	12	44	35	4	5	12	6	1
			35	4	5	12	8	1
			35	4	5	12	9	1
12MX8	12	44	27	4	5	12	2	1
			39	4	5	12	9	1
12Q7	12	38	40	7	2	12	10	1
			63	7	2	12	4	1
			63	7	2	12	5	1
12R5	12	41	39	4	3	2	8	1
12R-K19	12	15	10					1
12R-LL3	12	8	55					1
			55					2
12R-LL5	12	8	68					1
			68					2
12S8	12	38	45	8	7	5	10	1
			62	8	7	5	1	1
			62	8	7	5	4	1
			63	8	7	2	2	1
12SA7	12	38	37	7	2	12	5	1
12SC7	12	38	49	8	7	12	9	1
			48	8	7	12	4	1
12SF5	12	38	41	8	7	12	3	1
12SF7	12	38	48	8	7	12	2	1
			69	8	7	12	5	1
12SG7	12	30	77					1
12SH7	12	30	77					1
12SJ7	21	30	83					1
12SK7	12	30	84					1
12SL7	12	25	*85					1
			*85					2
*Tube good if it reads 22 or more.								
12SN7	12	25	78					1
			78					2
12SQ7	12	38	42	8	7	12	2	1
			71	8	7	12	4	1
			71	8	7	12	5	1
12SR7	12	38	46	8	7	12	2	1
			68	8	7	12	4	1
			68	8	7	12	5	1
12SS7	12	30	97					1
12SW7	12	38	52	8	7	12	2	1
			70	8	7	12	4	1
			70	8	7	12	5	1
12SX7	12	25	78					1
			78					2
12SY7	12	38	39	7	2	12	5	1
12T16	12	36	28	1	12	12	3	1
			25	1	12	12	8	1

*Normal Shorts refer to position of "D" Switch. ◆Use TC-80 Adapter

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B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
12U7	12	39	40	5	4	9	2	1
			48	5	4	9	7	1
12Y6	12	29	79					1
12W6	12	29	61					1
12X4	12	41	44	4	3	12	1	1
			44	4	3	12	6	1
13CM5	12	27	57					1
13CW4	14	43	*87	10	12	12	2	1
*For grid emission turn D switch to position 4.								
13D1	25	25	76					1
			78					2
13DE7	12	20	81					1
			90					2
13DF7	12	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								
13DR7	12	39	32	5	4	2	3	1
			41	5	4	2	7	1
13EM7	12	38	32	6	7	12	1	1
			46	6	7	*7	6	1
13FD7	12	39	25	4	5	2	3	1
			32	4	5	2	7	1
13FG7	12	14	68					1
			68					2
13FM7	14	36	25	1	12	3	8	1
			36	1	12	3	10	1
13FR7	12	39	24	4	5	2	3	1
			32	4	5	2	7	1
13GB6◆	12	44	*25	4	5	2	1	1
*Normally shows short position 3-6-7-8.								
13GF7	12	44	27	4	6	12	2	1
			36	4	6	12	8	1
13GF7A	12	44	27	4	5	12	2	1
			36	4	6	12	9	1
13J10	12	36	66	1	12	12	6	1
			28	1	12	12	11	1
13JT8	12	12	20					1
			*99					2
*Tubes good if it reads 60 or more.								
13JZ8	12	36	29	1	12	6	7	1
			40	1	12	6	10	1
13SJ7	12	30	83					1
13V10	12	36	39	1	12	12	3	1
			53	1	12	12	8	1
13Z10	12	38	30	1	12	12	11	1
			95	1	12	12	6	1
14A4	12	37	41	8	1	12	6	1
14A5	12	37	84	8	1	12	6	1
14A7	12	37	45	8	1	12	6	1
14AF7	12	37	41	8	1	12	4	1
			41	8	1	12	5	1
14B6	12	37	40	8	1	4	3	1
			68	8	1	4	5	1
			68	8	1	4	6	1
14B8	12	37	42	8	1	12	4	1
14BF11	14	36	25	1	12	12	3	1
			25	1	12	12	8	1
14BL11	14	36	29	1	12	12	3	1
			31	1	12	12	6	1
			29	1	12	12	11	1
14BQ11	14	36	28	1	12	12	5	1
			28	1	12	12	10	1
14BR11	14	36	30	1	12	12	2	1
			31	1	12	12	8	1
			33	1	12	12	10	1
14C5	12	37	38	8	1	12	8	1
14C7	12	37	37	8	1	12	6	1
14E8	12	37	46	8	1	4	3	1
			69	8	1	4	5	1
			69	8	1	4	6	1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
14L7	14	37	47	8	1	12	6	1
			68	8	1	12	8	1
			68	8	1	12	4	1
14F7	12	37	45	8	1	12	4	1
			45	8	1	12	5	1
14F8	12	37	30	7	2	12	1	1
			30	7	2	12	8	1
14GT8	14	39	52	5	4	12	8	1
			35	5	4	12	2	1
			35	5	4	12	6	1
14GW8	14	39	25	4	5	2	8	1
			35	4	5	7	1	1
14H7	12	37	35	8	1	12	6	1
14J7	12	37	35	8	1	12	8	1
			50	8	1	12	4	1
14JG8	14	39	32	4	5	12	8	1
			27	4	5	12	2	1
			27	4	5	12	6	1
14N7	12	37	42	8	1	12	4	1
			42	8	1	12	5	1
14Q7	12	37	35	8	1	12	4	1
14R7	12	37	35	8	1	12	6	1
			72	8	1	12	3	1
			72	8	1	12	4	1
14S7	12	37	38	8	1	12	6	1
			52	8	1	12	4	1
14V7	12	37	32	8	1	12	6	1
14W7	12	37	31	8	1	4	6	1
14X7	12	37	43	8	1	12	3	1
			36	8	1	12	5	1
			35	8	1	12	6	1
14Y4	12	37	45	8	1	12	3	1
			45	8	1	12	8	1
15A6	15	39	30	5	4	12	2	1
15A8	15	38	36	7	2	12	4	1
			40	7	2	12	3	1
15AF11	15	36	31	1	12	12	11	1
			31	1	12	12	6	1
			35	1	12	12	3	1
15BD11	15	36	26	1	12	12	11	1
			31	1	12	12	3	1
			31	1	12	12	6	1
15BD11A	15	36	26	1	12	12	11	1
			31	1	12	12	3	1
			31	1	12	12	6	1
15CW5	15	23	58					1
15DQ8	15	39	26	4	5	12	8	1
			26	4	5	12	1	1
15EA7	15	38	35	8	7	12	1	1
			39	8	7	12	4	1
15EW6	15	1	77					1
15EW7	15	26	87					1
			92					2
15FM7	15	36	25	1	12	3	8	1
			36	1	12	3	10	1
15FY7	15	36	25	1	12	12	3	1
			42	1	12	12	10	1
15HA6	15	9	23					1
15HB6	15	9	20					1
15KY8	15	44	27	4	5	12	2	1
			39	4	5	12	9	1
15KY8A	15	44	27	4	5	12	2	1
			39	4	5	12	9	1
15LE8	15	39	29	4	5	12	9	1
15MF8	15	36	35	1	12	6	7	1
			34	1	12	6	10	1
15MX8	15	44	27	4	5	12	2	1
			39	4	5	12	9	1
16A5	16	23	68					1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
16A8	16	39	33	5	4	12	3	1
			39	5	4	12	1	1
16AK9	7	35	33	6	12	6	10	1
			35	6	12	6	3	1
			31	6	12	6	8	1
16AQ3*	16	40	30	5	4	7	3	1
*If no test, use alternate settings.								
16AQ3	16	40	30	5	4	3	7	1
16BQ11	16	36	28	1	12	12	5	1
			28	1	12	12	10	1
16BX11	16	36	32	1	12	12	2	1
			31	1	12	12	5	1
			31	1	12	12	8	1
16C-S28	16	36	*28	1	12	5	9	1
*Normally shows short position 3-4-10-11.								
16CL8	16	14	69					1
			51					2
16GK6	16	9	40					1
16GY5	16	36	*25	1	12	5	9	1
*Normally shows short position 1-3-4-7-10.								
16MB5	16	36	*25	1	12	11	3	1
*Normally shows short position 4-10.								
16K11	16	36	38	1	12	12	7	1
			38	1	12	12	9	1
			38	1	12	12	11	1
16KA6	16	36	*30	1	12	9	5	1
*May show short position 3-4-7-11.								
16LD6	16	9	51					1
16LU8	16	36	27	1	12	6	7	1
			27	1	12	6	10	1
16MY8	16	36	27	1	12	6	7	1
			27	1	12	6	10	1
16Y9	16	42	27	5	6	12	1	1
			27	5	6	12	8	1
17A8	17	11	66					1
			55					2
17AB10	17	36	29	1	12	12	11	1
			95	1	12	12	6	1
17AF3	17	15	12					1
17AV5	17	28	62					1
17AX3	17	36	39	1	12	10	4	1
17AX4	17	34	13					1
17AY3	17	44	27	5	4	7	2	1
17AY3B	17	44	27	5	4	7	2	1
◆17B-B14	17	44	*33	4	5	1	2	1
*Normally shows short position 3-6-7-8.								
17BD11	17	36	26	1	12	12	11	1
			31	1	12	12	3	1
			31	1	12	12	8	1
17BE3	17	36	26	1	12	4	10	1
17BF11	17	36	25	1	12	12	3	1
			25	1	12	12	8	1
17BF11A	17	36	25	1	12	12	3	1
			25	1	12	12	8	1
17BH3	17	44	27	5	4	7	2	1
17BH3A	17	44	27	5	4	7	2	1
17BJ6	17	1	81					1
17BQ6	17	27	69					1
17BR3	17	15	10					1
17BS3	17	44	27	4	5	2	7	1
17BW3	17	36	28	1	12	4	10	1
17BZ3	17	36	30	1	12	4	10	1
17C5	17	4	44					1
17C8	17	39	33	5	4	12	2	1
			65	5	4	12	7	1
			65	5	4	12	8	1
17C9	17	39	28	5	4	6	1	1
			28	5	4	10	7	1
17CA5	17	4	55					1
17CK3	17	44	25	4	5	7	2	1

*Normal Shorts refer to position of "B" Switch.

◆Use TC-80 Adapter.

12U7—17CK3

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
17CL3	17	44	27	4	5	2	7	1
17CQ4	17	34	11					1
17CT3	17	39	32	4	5	6	2	1
17CU5	12	4	47					1
17D4	17	34	11					1
17DE4	17	34	13					1
17DM4	17	34	11					1
17DQ4	17	34	11					1
17DQ6	17	27	65					1
17DQ6B	17	27	62					1
17DW4A	17	44	27	4	5	2	7	1
17EW8	17	8	65					1
			65					2
17FY7	17	36	25	1	12	12	3	1
			42	1	12	12	10	1
17GE5	17	36	*24	1	12	11	3	1
*Normally shows short position 4-10.								
17GJ5	17	35	65					1
17GJ5A	17	35	65					1
17GT5	17	35	63					1
17GT5A	17	35	63					1
17GV5	17	36	*26	1	12	9	5	1
*Normally shows short position 3-4-7-10-11.								
17GW6	17	27	62					1
17GY5	17	36	*25	1	12	5	9	1
*Normally shows short position 3-4-7-10-11.								
17H3	17	15	13					1
◆17H-B25	17	44	*33	4	5	1	2	1
*Normally shows short position 3-6-7-8.								
17HC8	17	39	36	5	4	12	3	1
			38	5	4	12	1	1
17HG8	17	39	25	4	5	3	2	1
			25	4	5	1	6	1
17JB6	17	35	62					1
17JB6A	17	35	62					1
17JF8	17	44	*28	4	5	2	6	1
*Normally shows short position 1-7.								
17JG6	17	35	56					1
17JG6A	17	35	56					1
17JK8	17	8	54					1
			55					2
17JM6	17	36	26	1	12	4	9	1
17JN6	17	36	27	1	12	4	11	1
17JQ6	17	39	*34	4	5	8	7	1
			*57	4	5	8	6	1
*May show short position 2-3.								
17JR6	17	35	50					1
17JS6	17	36	*29	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
17JT6	17	35	65					1
17JT6A	17	35	65					1
17JZ8	17	36	29	1	12	6	7	1
			40	1	12	6	10	1
17KV6	17	44	30	4	5	1	2	1
17KW6◆	17	44	36	4	5	1	6	1
17L6	17	29	47					1
17LD8	17	44	25	4	5	12	2	1
			33	4	5	12	9	1
17R5	17	4	50					1
17R-HH2	17	8	65					1
			65					2
17R-K19	17	15	10					1
17W6	17	29	52					1
17X10	17	36	98	1	12	12	6	1
			28	1	12	12	11	1
17Y9	17	42	27	5	6	12	1	1
			27	5	6	12	8	1
17Z3*	17	36	33	4	5	2	9	1
*If No Test use alternate settings below.								
	17	40	33	4	5	2	9	1
18A5	18	28	69					1
18AJ10	18	36	32	1	12	4	3	1
			33	1	12	4	6	1
18AK5	18	1	63					1
18AQ5	18	3	77					1
18C51	18	39	29	9	1	12	3	1
			29	9	1	12	7	1
18DZ8	18	39	27	4	5	8	3	1
			30	4	5	2	1	1
18FW6	18	1	79					1
18FX6	18	1	92					1
18FY6	18	6	84					1
			81					2
18GB5◆	18	44	*25	4	5	2	1	1
*Normally shows short position 3-6-7-8.								
18GD6	18	1	80					1
18GE5	18	6	78					1
			85					2
18GY5	18	36	*26	1	12	5	9	1
*Normally shows short position 3-4-7-10-11.								
18GV8	18	39	25	4	5	12	9	1
			25	4	5	12	2	1
18HB8	18	39	36	5	4	12	9	1
			33	5	4	12	1	1
18J6	18	6	60					1
			60					2
18R-AL1	18	39	33	4	5	2	3	1
19A3	19	41	32	3	4	6	5	1
19AJ8	6	39	85	5	4	12	1	1
			38	5	4	12	9	1
19AQ5	19	3	77					1
19AU4	19	34	10					1
19BG6	19	26	66					1
19BX6	19	9	76					1
19BY7	19	9	62					1
19C8	19	17	94					1
			62					2
19CG3	19	36	30	1	12	4	10	1
19CL8-A	19	14	74					1
			53					2
19D8	19	39	32	5	4	12	2	1
			35	5	4	12	9	1
19DE7	19	20	81					1
			90					2
19DK3	19	44	31	4	5	2	7	1
19DN6	19	26	47					1
19DQ3	19	36	30	1	12	4	10	1
19EA8	19	11	71					1
			56					2
19EW7	19	20	87					1
			92					2
19EZ8	19	39	33	5	4	12	2	1
			33	5	4	12	7	1
			33	5	4	12	9	1
19FX5	19	4	68					1
19GQ7	19	39	24	4	5	3	2	1
			24	4	5	3	6	1
			24	4	5	3	8	1
19GY5	19	36	*25	1	12	5	9	1
*Normally shows short position 3-4-7-10-11.								
19HR6	19	1	71					1
19HS6	19	1	66					1
19HV8	19	14	64					1
			*99					2
*Tube good if it reads 40 or more.								
19J6	19	2	60					1
			60					2
19JC6	19	9	65					1
19JN8	19	14	67					1
			53					2
20LF6	20	36	*31	1	12	5	9	1
*May show short position 3-4-7-10-11.								
21A6	22	39	*32	5	4	7	2	1
*Normally shows short position 1-6-9.								
21AK8	22	1	82					1
21EX6	22	26	42					1
21GY5	22	36	*25	1	12	5	9	1
*Normally shows short position 3-4-7-10-11.								
21HB5	22	36	*25	1	12	11	3	1
*Normally shows short position 4-10.								
21HD5	22	36	*27	1	12	3	11	1
*Normally shows short position 4-5-9-10.								
21HJ5	22	36	*27	1	12	3	11	1
*Normally shows short position 4-5-9-10.								
21JS6	22	36	*29	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
21JV6	22	36	28	1	12	4	11	1
21JZ6	22	36	*29	1	12	9	5	1
*Some tubes may show short position 3-4-10-11.								
21KA6	22	36	*30	1	12	9	5	1
*May show short position 3-4-7-11.								
21KQ6◆	22	44	*29	4	5	1	8	1
*Normally shows short position 2-3-6-7.								
21LC6	22	36	*32	1	12	9	5	1
*May show short position 2-3-4-7-10-11.								
21LR8	22	44	31	4	5	12	2	1
			31	4	5	12	9	1
21LU8	22	36	27	1	12	6	7	1
			27	1	12	6	10	1
21MY8	22	36	27	1	12	6	7	1
			27	1	12	6	10	1
22AL3*	22	40	30	5	4	7	3	1
*If no test, use alternate settings.								
22AL3	22	40	30	5	4	3	7	1
22BH3	22	44	27	5	4	7	2	1
22BR3A	22	44	27	5	4	7	2	1
22BW3	22	36	28	1	12	4	10	1
22DE4	22	34	13					1
22JF8	22	44	*26	4	5	2	6	1
*Normally shows short position 1-7								
22JG6	22	35	56					1
◆19KF6	19	44	33	4	5	7	1	1
19KG6	19	39	21	4	5	12	9	1
			21	4	5	12	2	1
19MR8	19	1	73					1
19Q9	19	39	25	4	5	12	1	1
			25	4	5	12	8	1
19T8	19	17	90					1
			63					2
19U3	19	39	29	5	4	12	9	1
19V8	19	39	40	5	4	12	6	1
			32	5	4	12	2	1
			32	5	4	12	7	1
			61	5	4	12	9	1
19W3	19	39	29	5	4	12	9	1
19X3	19	39	29	5	4	17	9	1
19X6	19	12	73					1
			61					2
19Y3	19	39	29	4	5	12	9	1
20AQ3*	19	40	30	5	4	7	3	1
*If no test, use alternate settings.								
20AQ3	19	40	30	5	4	3	7	1
20D1	9	41	33	3	4	12	2	1
			33	3	4	12	7	1
20EQ7	19	39	34	5	4	12	2	1
			71	5	4	12	8	1
20EW7	19	20	87					1
			92					2
20EZ7	19	39	35	2	1	3	5	1
			35	2	1	3	8	1

*Normal Shorts refer to position of "B" Switch

◆Use TC-80 Adapter

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B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
22JG6A	22	35	56					1
22JR6	22	35	50					1
22JU6	22	35	56					1
22KN6	22	35	53					1
22KV8	22	44	30	4	5	1	2	1
23JS6	22	36	*29	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
23JS8A	22	36	*29	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
23MB6	22	36	*32	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
23Z9	22	36	30	1	12	6	10	1
			39	1	12	6	3	1
			28	1	12	6	8	1
24AX4	25	34	13					1
24BF11	25	36	25	1	12	12	3	1
			25	1	12	12	8	1
24JE5A	25	35	59					1
24JZ8	25	36	29	1	12	6	7	1
			40	1	12	6	10	1
24LG6	25	35	52					1
24LZ6	24	35	53					1
25A6	25	29	74					1
25AU4	25	34	10					1
25AV5	25	28	62					1
25AX4	25	34	13					1
25B6	25	29	48					1
25B-B14◆	25	44	*33	4	5	1	2	1
*Normally shows short position 3-6-7-8								
25BK5	25	10	53					1
25BQ6	25	27	69					1
25BR3	25	15	10					1
25C5	25	4	44					1
25C6	25	29	45					1
25CA5	25	4	55					1
25CD6	25	26	53					1
25CG3	25	36	30	1	12	4	10	1
25CK3	25	44	30	4	5	7	2	1
25CM3	25	44	30	4	5	2	7	1
25CT3	25	39	32	4	5	6	2	1
25CU6	25	27	69					1
25D4	25	34	11					1
25DK3	25	44	31	4	5	2	7	1
25DK4	25	41	26	3	4	6	5	1
25DL3	25	44	29	4	5	7	2	1
25DN6	25	26	47					1
25DQ6	25	27	65					1
25DT5	25	16	45					1
25E5	25	27	58					1
25EC8	25	26	53					1
25EH5	25	4	57					1
25F5	25	4	54					1
25F5A	25	4	54					1
25G-B6	25	27	64					1
25GE5	25	36	*24	1	12	11	3	1
*Normally shows short position 4-10.								
25HX5◆	25	44	*30	4	5	7	1	1
*Normally shows short position 2-3.								
25J06	25	39	*34	4	5	6	7	1
			*57	4	5	8	6	1
25JZ8	25	36	29	1	12	6	7	1
			40	1	12	6	10	1
25L6	25	29	47					1
25M-P20	25	1	43					1
25R-K19	25	15	10					1
25SN7	25	25	78					1
			78					2
25U4	25	34	11					1
25W4	25	34	11					1
25W6	25	29	51					1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
25Z6	25	36	34	7	2	12	8	1
			34	7	2	12	5	1
26A6	25	1	77					1
26A7	25	36	29	7	5	12	1	1
			29	7	6	12	3	1
26AQ8	25	8	70					1
			70					2
26BK6	25	6	66					1
			70					2
26C6	25	6	85					1
			82					2
26D6	25	1	93					1
26DQ5	25	26	55					1
26E5	25	29	40					1
26HU5	25	36	*28	7	8	1	5	1
*Normally shows short position 2-6.								
26JG6	25	35	56					1
26LW6	25	36	*31	7	8	1	5	1
*Normally shows short position 2-6								
26Z5	25	39	36	5	4	9	8	1
			36	5	4	9	8	1
27GB5◆	25	44	*25	4	5	2	1	1
*Normally shows short position 3-6-7-8.								
27KG6◆	25	44	*26	4	5	1	8	1
*Normally shows short position 2-3-6-7.								
27LF6	25	36	*31	1	12	5	9	1
*May show short position 3-4-7-10-11								
28D7	30	37	40	8	1	12	2	1
			40	8	1	12	7	1
28EC4■	30	38	32	7	8	2	5	1
28GB5◆	30	44	*25	4	5	2	1	1
*Normally shows short position 3-6-7-8.								
28HA6	30	9	23					1
28HD5	30	36	*27	1	12	9	11	1
*Normally shows short position 4-5-9-10.								
29GK6	30	9	49					1
29KG6◆	30	44	*29	4	5	1	8	1
*Normally shows short position 2-3-6-7.								
29LE6◆	30	44	*30	4	5	8	1	1
*Normally shows short position 2-3-6-7.								
30A5	30	41	27	3	4	5	2	1
30AE3*	30	40	30	5	4	7	9	1
*If no test, use alternate settings.								
30AE3	30	40	30	5	4	9	7	1
30AG11	30	36	28	1	12	12	8	1
			28	1	12	12	5	1
			33	1	12	12	10	1
			33	1	12	12	3	1
30C1	9	11	66					1
30CW5	30	23	58					1
30HD5	30	36	*27	1	12	9	11	1
*Normally shows short position 4-5-9-10.								
30HJ5	30	36	*27	1	12	9	11	1
*Normally shows short position 4-5-9-10.								
30JZ6	30	36	*31	1	12	9	5	1
*Some tubes may show short position 3-4-10-11.								
30KD6	30	36	*26	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
30KG6◆	30	44	*26	4	5	1	8	1
*Normally shows short position 2-3-6-7.								
30L1	7	39	33	5	4	7	2	1
			33	5	4	7	6	1
30MB6	30	36	*32	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
30M-P23	30	41	30	3	4	5	2	1
30M-P27	30	41	30	3	4	5	2	1
30PL12	16	39	33	5	4	12	3	1
			39	5	4	12	1	1
30P16	16	23	66					1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
31AL10	30	36	51	1	12	6	9	1
			33	1	12	6	8	1
			38	1	12	6	11	1
31JS6A	30	36	*29	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
31LQ6	30	35	52					1
31LR8	30	44	31	4	5	12	2	1
			31	4	5	12	9	1
31LZ6	30	35	53					1
32A8	30	39	33	5	4	12	3	1
			39	5	4	12	1	1
32ET5	30	4	60					1
32HD7	35	36	34	1	12	7	2	1
			34	1	12	7	9	1
33GT7	30	36	*55	1	12	7	10	1
			*26	1	12	7	2	1
*Normally shows short position 9-11.								
33GY7	30	36	*58	1	12	7	11	1
			*26	1	12	7	2	1
*Normally shows short position 9-10.								
33GY7A	30	36	*56	1	12	7	11	1
			*26	1	12	7	2	1
*Normally shows short position 9-10.								
33HE7	30	36	27	1	12	10	2	1
			27	1	12	10	9	1
33JR6	30	35	55					1
33JV6	30	36	28	1	12	4	11	1
34CD3	35	36	*27	1	12	4	10	1
*Some tubes may show short position 5-6-8-8.								
34CE3	35	36	25	1	12	4	10	1
34GM3	35	44	30	4	5	2	7	1
34DK3	35	44	31	4	5	2	7	1
34GD5	35	4	57					1
34R3	35	39	33	5	4	2	9	1
35A5	35	37	34	8	1	12	6	1
35B5	35	3	55					1
35C5	35	4	54					1
35CD6	35	26	53					1
35DZ8	35	39	27	4	5	8	3	1
			30	4	5	2	1	1
35EH5	35	4	57					1
35GL6	35	41	39	4	3	6	2	1
35HB8	35	38	36	5	4	12	9	1
			33	5	4	12	1	1
35L6	35	29	54					1
35LR6	35	36	*32	1	12	9	5	1
*May show short position 3-4-7-10-11.								
35W4	35	41	33	4	3	6	5	1
35Y4	35	37	31	8	1	4	2	1
35Z3	35	37	31	8	1	12	2	1
35Z4	35	38	33	7	2	12	5	1
3525	35	38	39	7	2	3	5	1
36AM3	35	41	35	4	3	6	5	1
36AM3-B	35	41	35	4	3	6	5	1
36KD6	35	36	*26	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
36MC8	35	35	46					1
38A3	35	40	30	4	5	1	6	1
38HE7	40	36	27	1	12	10	2	1
			27	1	12	10	9	1
38HK7	40	36	29	1	12	10	9	1
			29	1	12	10	2	1
40FR5	40	4	54					1
40KD6	40	36	*26	1	12	9	5	1
*Normally shows short position 3-4-10-11.								
40KG6◆	40	44	*26	4	5	1	8	1
*Normally shows short position 2-3-6-8.								
40Z5	50	38	31	7	2	3	5	1
42EC4■	40	38	32	7	8	2	5	1

*Normal Shorts refer to position of "D" Switch. ◆Use TC-80 Adapter. ■Use TC-828 Adapter.

22JG6A—42EC4

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
42KN6	22	36	*30	7	12	9	5	1
*DO NOT turn D switch to position 1 and 12.								
*Normally shows short position 3-4-10-11.								
45B5	50	23	68					1
45Z3	50	41	32	7	1	8	2	1
45Z5	50	38	31	7	2	3	5	1
50A5	50	37	35	8	1	12	6	1
50B5	50	3	38					1
50BK5	50	10	53					1
50BM8	50	39	33	5	4	12	3	1
			39	5	4	12	1	1
50C5	50	4	44					1
50C6	50	29	45					1
50CA5	50	4	55					1
50CD6	50	26	53					1
50DC4	50	41	33	4	3	8	5	1
50E5	50	27	58					1
50EH5	50	4	57					1
50FA5	50	4	54					1
50FE5	50	29	37					1
50FK5	50	4	88					1
50FY8	50	39	30	4	5	12	3	1
			39	4	5	12	1	1
50GY7	50	38	*55	1	12	7	11	1
			*30	1	12	7	2	1
*Normally shows short position 9-10.								
50HC8	50	41	28	3	4	8	2	1
50HK8	50	41	27	3	4	8	2	1
50HM5	50	39	30	4	5	1	2	1
50JY8	50	27	55					1
50L6	50	29	47					1
50X6	50	37	35	8	1	12	3	1
			35	8	1	12	6	1
50Y6	50	38	35	7	2	12	3	1
			35	7	2	12	5	1
50Y7	50	38	35	7	2	8	3	1
			35	7	2	8	5	1
53HK7	50	36	29	1	12	10	9	1
			29	1	12	10	2	1
53KU	5	33	10					2
			10					1
58HE7	50	36	27	1	12	10	2	1
			27	1	12	10	9	1
60EH5	50	4	57					1
60FX5	50	4	68					1
60HL5	50	39	30	4	5	1	2	1
645PT	6	39	33	5	4	1	2	1
150C8	50	38	*99	2	11	3	5	1
*Tube good if it reads 60 or more.								
*Normally shows short position 11.								
*Normally shows grid emission.								
213PEN	19	39	*32	5	4	7	2	1
*Normally shows short position 1-6-9.								
396-A	6	39	29	9	1	12	3	1
			29	9	1	12	1	1
403B	6	1	63					1
407A	40	39	29	1	9	5	3	1
			29	1	9	5	7	1
408A	19	1	65					1
502A	6	38	26	2	7	12	5	1
884	6	38	35	2	7	12	6	1
1003	6	31	8					1
			8					2
1201	6	37	*33	8	2	1	5	1
*Normally shows short position 3-4-6-7.								
1203	6	37	53	8	1	12	4	1
1222A	6	38	25	1	6	12	4	1
1223	6	38	50	7	2	12	10	1
1232	6	37	38	8	1	12	6	1
1273	6	37	37	8	1	12	6	1
1274	6	37	45	8	1	12	3	1
			45	8	1	12	6	1
1280	12	37	37	8	1	12	8	1
1294	2	37	60	8	1	12	4	1
1611	6	29	91					1
1612	6	38	44	7	2	1	10	1
1614	6	29	67					1
1619	3	38	39	7	2	12	5	1
1620	6	38	50	7	2	12	10	1
1621	6	29	91					1
1622	6	29	63					1
1626	12	29	82					1
1631	6	29	63					1
1632	12	29	47					1
1634	12	38	48	8	7	12	8	1
			48	8	7	12	4	1
1685	6	41	32	4	3	5	1	1
1667	6	41	32	4	3	5	1	1
1852	6	30	60					1
1853	6	30	74					1
2050	6	38	34	7	2	12	5	1
5591	6	1	63					1
5649	12	29	92					1
5654	6	1	63					1
5659	12	29	92					1
5661	12	30	84					1
5663	6	41	25	3	4	12	1	1
5670	6	38	29	8	1	12	3	1
			29	9	1	12	7	1
5679	6	37	48	8	1	12	3	1
			48	8	1	12	8	1
5686	6	23	87					1
5687	12	39	37	5	4	8	2	1
			37	5	4	8	7	1
5691	6	25	*85					1
			*85					2
*Tube good if it reads 22 or more.								
5692	6	25	78					1
			78					2
5693	6	30	83					1
5696	6	41	34	4	3	5	6	1
5725	6	1	77					1
5726	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
5727	6	41	32	4	3	5	1	1
5749	6	1	78					1
5750	6	1	91					1
5751	12	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								
5755	18	39	38	4	5	9	3	1
			38	4	5	9	6	2
5763	6	39	33	5	4	8	9	1
5814-A	12	8	75					1
			75					2
5823	1	41	*85	5	6	5	4	1
*Ignore short lamp indication.								
*Normally shows grid emission.								
5824	25	29	48					1
5845	4	41	*100	3	4	7	1	1
			*100	3	4	7	5	1
*Tube good if it reads 10 or more								
5871	6	29	79					1
5879	6	39	52	5	4	12	1	1
5881	6	29	63					1
5915	6	1	92					1
5920	6	2	49					1
			49					2
5931	5	33	16					1
			16					2
5932	6	29	63					1
5961	6	38	37	7	2	12	5	1
5963	12	8	76					1
			76					2
5964	6	2	67					1
			67					2
5985	12	8	54					1
			54					2
5992	6	29	79					1
6005	6	3	77					1
6006	6	30	77					1
6028	19	1	63					1
6042	6	25	78					1
			78					2
6046	25	29	47					1
6057	12	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								
6058	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
6060	12	8	74					1
			74					2
6062	6	39	33	5	4	8	9	1
6066	6	8	85					1
			78					2
6067	12	8	75					1
			75					2
6069	6	1	63					1
6072	12	8	83					1
			93					2
6080	6	38	35	8	7	12	1	1
			35	8	7	12	4	1
6082	25	38	35	8	7	12	1	1
			35	8	7	12	4	1
6084	6	39	39	4	5	7	9	1
6085	12	8	74					1
			74					2
6087	5	33	23					1
			23					2
6096	6	1	63					1
6097	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
6100	6	41	41	4	3	1	8	1
6101	6	2	60					1
			60					2
6113	6	25	*85					1
			*85					2
*Tube good if it reads 22 or more.								
6134	6	30	80					1
6135	6	41	41	4	3	1	6	1
6138	6	1	82					1
6137	6	30	84					1
6146	6	38	*38	7	2	1	5	1
*Normally shows short position 4-8.								
6147	6	29	63					1
6159	25	38	*38	7	2	1	5	1
*Normally shows short position 4-8.								
6180	6	25	78					1
			78					2
6186	6	1	80					1
6187	6	1	87					1
6188	6	25	*81					1
			*81					2
*Tube good if it reads 22 or more.								
6189	12	8	75					1
			75					2
6197	6	39	*32	5	4	2	9	1
*Normally shows short position 3-9.								
6198	12	8	75					1
			75					2

*Normal Shorts refer to position of "D" Switch.

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B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
6201	12	8	74					1
			74					2
6202	6	41	44	4	3	12	1	1
			44	4	3	12	6	1
6203	6	39	41	4	5	12	1	1
			41	4	5	12	9	1
6211	12	8	54					1
			54					2
6216	6	39	*28	4	5	3	2	1
*Normally shows short position 1-6.								
6218	6	39	72	4	5	12	2	1
6227	6	9	53					1
6265	6	1	89					1
6267	6	39	40	5	4	2	9	1
6293	6	38	*38	7	2	1	5	1
*Normally shows short position 4-6								
6336	6	38	29	8	7	12	1	1
			29	8	7	12	4	1
6350	12	39	31	4	5	9	3	1
			31	4	5	9	8	1
6360	12	39	30	4	5	9	1	1
			30	4	5	9	3	1
6384	6	38	33	8	6	12	7	1
6417	12	39	33	5	4	6	9	1
6463	12	39	28	4	5	9	3	1
			28	4	5	9	8	1
6485	6	1	58					1
6516	6	41	34	4	3	12	1	1
6520	6	38	35	8	7	12	1	1
			35	8	7	12	4	1
6550	6	29	52					1
6660	6	1	76					1
6661	6	1	59					1
6662	6	1	81					1
6663	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
6664	6	2	83					1
6669	6	3	77					1
6676	6	1	64					1
6677	6	39	*32	5	4	2	8	1
*Normally shows short position 3-8.								
6678	6	11	79					1
			55					2
6679	12	8	79					1
			79					2
6680	12	8	75					1
			75					2
6681	12	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								
6686	6	9	60					1
6687	6	1	89					1
6688	6	23	82					1
6689	6	39	25	4	5	12	2	1
6829	12	8	54					1
			54					2
6883	12	38	*38	7	2	1	5	1
*Normally shows short position 4-6.								
6887	6	41	33	4	3	12	2	1
			33	4	3	12	7	1
6888	6	30	62					1
6919	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
6922	6	8	24					1
			24					2
6939	12	39	34	4	5	9	1	1
			34	4	5	9	3	1
6968	6	1	63					1
6973	6	16	62					1
7000	6	38	50	7	2	12	10	1
7025	12	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								
7027	6	38	*36	7	2	5	8	1
*Normally shows short position 1-4.								
7036	6	1	92					1
7044	12	39	30	4	5	8	2	1
			30	4	5	8	7	1
7054	12	9	42					1
7055	12	41	33	5	4	12	2	1
			33	3	4	12	7	1
7056	12	1	64					1
7057	12	8	53					1
			53					2
7058	12	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								
7059	12	11	79					1
			55					2
7060	12	13	55					1
			75					2
7061	12	16	67					1
7062	12	8	54					1
			54					2
7105	12	38	35	8	7	12	1	1
			35	8	7	12	4	1
7119	12	39	30	4	5	8	2	1
			30	4	5	8	7	1
7187	12	1	54					1
7189	6	39	*33	5	4	1	2	1
*Normally shows short position 1-3-6-9.								
7199	6	39	30	5	4	12	7	1
			32	5	4	12	9	1
7233	6	39	33	5	4	2	7	1
*Normally shows short position 1-3-6-9.								
7247	12	8	75					1
			*90					2
*Tube good if it reads 22 or more.								
7258	12	13	62					1
			61					2
7308	6	8	23					1
			24					2
7320	6	23	68					1
7355	6	36	37	7	2	12	6	1
7360	6	39	29	4	5	12	3	1
7370	40	39	24	4	5	8	2	1
			24	4	5	8	7	1
7408	6	29	80					1
7543	6	1	85					1
7551	15	39	*33	4	5	9	2	1
*Normally shows short position 3-8.								
7558	6	39	*26	4	5	3	2	1
*Normally shows short position 1-9.								
7581	6	29	64					1
7586	6	43	*65	10	12	12	2	1
*For grid emission turn D switch to position 4.								
7587	6	43	*67	10	12	12	2	1
*For grid emission turn D switch to position 4.								
7591	6	38	34	7	2	4	6	1
7607	6	38	*32	7	2	1	5	1
*Normally shows short position 4-8.								
7643	6	11	72					1
			55					2
7687	6	11	77					1
			67					2
7693	6	1	93					1
7694	6	1	84					1
7695	50	39	34	5	4	12	6	1
7701	12	39	*38	5	4	1	2	1
*Normally shows short position 3-7-8-9.								
7716	12	12	53					1
			*97					2
*Tube good if it reads 20 or more.								
7719	12	40	29	4	5	1	7	1
7722	6	23	80					1
7724	14	39	52	5	4	12	8	1
			35	5	4	12	2	1
			35	5	4	12	8	1
7728	12	8	74					1
			74					2
7729	12	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								
7730	12	8	75					1
			75					2
7731	6	11	79					1
			55					2
7732	6	1	64					1
7733	12	9	42					1
7738	6	41	*33	4	3	2	8	1
*Normally shows short position 1-7.								
7751	6	38	30	2	7	4	5	1
7754	6	39	34	5	4	12	8	1
7788	6	39	*29	4	5	3	2	1
*Normally shows short position 6-8.								
7867	6	26	53					1
7868	6	44	*27	4	5	2	8	1
*Normally shows short position 1-7.								
7895	6	43	*85	10	12	12	2	1
*For grid emission turn D switch to position 4.								
7898	14	8	73					1
			73					2
7984	12	36	*59	1	12	7	11	1
*Normally shows short position 2-3-4-5-8-8-8.								
8016	1	32	55					1
8032	12	38	*38	7	2	1	5	1
*Normally shows short position 4-6.								
8056	6	43	*63	10	12	12	2	1
*For grid emission turn D switch to position 4.								
8102	12	39	28	4	5	12	3	1
			27	4	5	12	8	1
8106	12	39	*24	4	5	3	7	1
*Normally shows short position 2-6-8.								
8113	6	1	58					1
8136	6	1	65					1
8156	12	36	*52	1	12	9	10	1
*Normally shows short position 2-3-4-5-6-7-8-11.								
8233◆	6	44	*24	4	5	7	8	1
*Normally shows short position 2-6.								
*May show short in position 3.								
8278◆	6	44	*31	4	5	3	7	1
*Normally shows short position 1-2-6-8.								
8327	6	23	65					1
8417	6	29	54					1
8425	6	1	87					1
8458	12	44	32	4	5	9	1	1
			32	4	5	9	3	1
8552	12	38	*38	7	2	1	5	1
*Normally shows short position 4-6.								
8908	6	38	*30	7	8	1	5	1
*Normally shows short position 2-5.								
9001	6	1	93					1
9002	6	41	*46	4	3	1	6	1
*Normally shows short position 2-7.								
9003	6	1	*73					1
*Tube good if it reads 23 or more.								
9006	6	41	*55	4	3	1	5	1
*Normally shows short position 2-7.								
A863	6	38	50	7	2	12	10	1

*Normal Shorts refer to position of "D" Switch. ◆Use TC-80 Adapter.

5201—A863

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
A1834	6	38	35	8	7	12	1	1
			35	8	7	12	4	1
AR18	6	38	40	7	2	12	10	1
			63	7	2	12	4	1
			63	7	2	12	5	1
ARD03	6	38	48	7	2	12	5	1
			48	7	2	12	5	1
ARH1	6	38	44	7	2	12	10	1
ARP15	6	38	52	7	2	12	10	1
ARP18	6	38	50	7	2	12	10	1
ARP17	6	29	91					1
ARP32	6	29	79					1
ARP33	6	29	79					1
ARTH-1	6	38	35	7	2	12	5	1
AU13	5	33	32					1
			32					2
AZ32	4	33	32					1
			32					2
B36	12	25	78					1
			78					2
B65	6	25	78					1
			78					2
B152	12	8	74					1
			74					2
B309	12	8	74					1
			74					2
B319	7	38	33	5	4	7	2	1
			33	5	4	7	6	1
B329	12	9	75					1
			75					2
B339	12	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								
B719	6	8	70					1
			70					2
BPM04	6	3	77					1
CV131	6	41	35	4	3	12	1	1
CV133	6	41	41	4	3	1	6	1
CV136	6	41	34	4	3	12	1	1
CV138	6	41	30	4	3	12	1	1
CV140	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
CV216	50	38	*99	2	1	3	5	1
*Normally shows short position 11. *Normally shows grid emission.								
CV283	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
CV450	6	29	*62					1
*For plate cap use jack next to socket 26.								
CV452	6	6	85					1
			78					2
CV453	6	1	91					1
CV454	6	1	78					1
CV455	12	8	74					1
			74					2
CV491	12	8	75					1
			75					2
CV492	12	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								
CV493	6	41	44	4	3	12	1	1
			44	4	3	12	6	1
CV511	6	29	79					1
CV538	12	38	87	7	2	12	5	1
CV544	12	30	84					1
CV547	12	38	42	8	7	12	2	1
			71	8	7	12	4	1
			71	8	7	12	5	1
CV551	25	29	45					1
CV552	25	29	47					1
CV553	25	29	47					1
CV554	6	38	48	7	2	12	3	1
			48	7	2	12	5	1
CV559	25	38	34	7	2	12	3	1
			34	7	2	12	5	1
CV561	35	29	54					1
CV562	35	29	54					1
CV565	35	37	31	8	1	12	2	1
CV567	35	38	33	7	2	3	5	1
CV568	35	38	33	7	2	3	5	1
CV571	50	29	47					1
CV572	6	33	15					1
			15					2
CV573	6	33	15					1
			15					2
CV574	6	33	15					1
			15					2
CV575	5	33	18					1
			18					2
CV578	6	38	45	7	2	12	5	1
CV579	6	38	45	7	2	12	5	1
CV580	6	38	45	7	2	12	5	1
CV581	6	29	99					1
CV582	6	29	99					1
CV583	6	29	99					1
CV586	6	29	63					1
CV587	6	38	40	7	2	12	10	1
			63	7	2	12	4	1
			63	7	2	12	5	1
CV588	6	38	40	7	2	12	10	1
			63	7	2	12	4	1
			63	7	2	12	5	1
CV589	6	38	40	7	2	12	10	1
			63	7	2	12	4	1
			63	7	2	12	5	1
CV590	6	30	83					1
CV591	6	30	83					1
CV592	6	30	83					1
CV593	5	33	12					1
			12					2
CV594	6	30	77					1
CV595	6	30	77					1
CV657	6	38	50	7	2	12	10	1
CV660	6	30	80					1
CV661	6	30	74					1
CV664	6	41	*46	4	3	1	6	1
*Normally shows short position 2-7.								
CV665	6	1	*73					1
*Tube good if it reads 23 or more.								
CV686	50	38	*85	2	11	3	5	1
*Normally shows short position 11. *Normally shows grid emission.								
CV692	6	31	8					1
			8					2
CV694	12	30	77					1
CV697	12	30	83					1
CV698	12	30	83					1
CV700	12	38	46	8	7	12	2	1
			68	8	7	12	4	1
			68	8	7	12	5	1
CV703	6	38	35	7	2	12	5	1
CV708	6	38	48	7	2	12	10	1
CV717	5	33	22					1
			22					2
CV723	3	38	39	7	2	12	5	1
CV726	35	37	31	8	1	12	2	1
CV728	2	38	53	7	2	12	10	1
CV729	5	33	12					1
			12					2
CV731	6	29	91					1
CV732	6	34	11					1
CV747	6	30	60					1
CV753	2	41	*76	7	1	2	6	1
*Normally shows short position 5-11.								
CV755	1	38	55	7	2	12	5	1
CV756	1	38	55	7	2	12	5	1
CV760	1	38	55	7	2	12	5	1
CV764	2	38	54	7	2	12	10	1
CV768	2	38	48	7	2	12	5	1
CV770	2	38	54	7	2	12	10	1
			64	7	2	12	4	1
			67	7	2	12	5	1
CV772	1	38	55	7	2	12	4	1
			55	7	2	12	5	1
CV773	1	38	55	7	2	12	4	1
			55	7	2	12	5	1
CV775	1	37	62	8	1	12	4	1
CV776	1	37	55	8	1	12	6	1
CV777	1	37	54	8	1	5	6	1
CV778	1	37	68	8	1	12	4	1
CV779	2	37	53	8	1	12	6	1
			63	8	1	12	4	1
CV780	2	37	52	8	1	12	6	1
			60	8	1	12	4	1
CV781	1	37	53	8	1	5	6	1
CV782	1	41	57	7	1	5	4	1
CV783	1	41	*55	7	1	5	3	1
*Normally shows short position 2-6.								
CV784	1	41	56	7	1	12	6	1
			95	7	1	12	3	1
CV785	1	41	55	7	1	5	6	1
CV786	1	38	54	7	2	12	5	1
CV797	6	41	32	4	3	5	1	1
CV805	50	38	35	7	2	12	3	1
			35	7	2	12	5	1
CV807	3	41	*36	7	1	5	4	1
*Normally shows short position 2-6.								
CV808	3	41	45	7	1	4	3	1
			45	7	1	4	5	1
CV815	2	37	43	8	1	7	6	1
CV818	3	41	*42	7	1	5	3	1
*Normally shows short position 2-6.								
CV819	3	38	45	7	2	8	5	1
CV820	3	41	*48	7	1	5	3	1
*Normally shows short position 2-6.								
CV841	5	33	16					1
			16					2
CV842	5	33	32					1
			32					2
CV844	6	38	40	7	2	12	5	1
CV845	6	38	40	7	2	12	5	1
CV846	6	30	60					1
CV848	6	1	80					1
CV849	6	30	60					1
CV850	6	1	63					1
CV851	6	38	35	7	2	12	5	1
CV852	6	41	14	4	3	1	6	1
CV858	6	2	60					1
			60					2
CV862	6	38	53	7	2	12	5	1
CV865	6	30	89					1
CV866	6	30	83					1
CV867	8	38	46	8	7	12	2	1
			98	8	7	12	4	1
			68	8	7	12	5	1
CV873	6	33	17					1
			17					2
CV876	6	37	48	8	1	12	3	1
			48	8	1	12	6	1
CV877	6	37	45	8	1	12	6	1

*Normal Shorts refer to position of "D" Switch.

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B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
CV878	6	37	40	8	1	12	4	1
CV879	6	37	40	8	1	12	6	1
CV880	6	37	52	8	1	12	6	1
CV881	6	37	52	8	1	12	6	1
CV882	6	37	40	8	1	4	3	1
			68	8	1	4	5	1
			68	8	1	4	6	1
CV883	6	37	42	8	1	12	4	1
CV885	6	37	38	8	1	12	6	1
CV886	6	37	38	8	1	12	6	1
CV887	6	37	50	8	1	4	3	1
			68	8	1	4	5	1
			68	8	1	4	6	1
CV890	6	37	*33	8	2	1	5	1
*Normally shows short position 3-4-6-7.								
CV891	6	37	40	8	1	4	5	1
			68	8	1	4	5	1
			68	8	1	4	6	1
CV892	6	37	47	8	1	12	6	1
			68	8	1	12	3	1
			68	8	1	12	4	1
CV893	6	37	45	8	1	12	4	1
			45	8	1	12	5	1
CV894	6	37	36	8	1	12	6	1
CV895	6	37	35	8	1	12	6	1
CV898	6	37	45	8	1	12	4	1
			65	8	1	12	5	1
			65	8	1	12	6	1
CV897	6	37	35	8	1	12	6	1
			50	8	1	12	4	1
CV898	6	37	42	8	1	12	4	1
			42	8	1	12	5	1
CV899	6	37	35	8	1	12	4	1
CV900	6	37	35	8	1	12	6	1
			72	8	1	12	3	1
			72	8	1	12	4	1
CV901	6	37	45	8	1	12	3	1
			45	8	1	12	6	1
CV910	12	38	45	7	2	12	5	1
CV916	12	38	48	7	2	12	3	1
			48	7	2	12	5	1
CV917	12	38	50	7	2	12	10	1
CV918	12	38	52	7	2	12	10	1
CV919	12	38	41	8	7	12	3	1
CV920	12	38	41	8	7	12	3	1
CV921	12	38	46	8	7	12	2	1
			69	8	7	12	5	1
CV922	12	30	77					1
CV924	12	25	*85					1
			*85					2
*Tube good if it reads 22 or more.								
CV925	12	25	78					1
			78					2
CV930	12	37	45	8	1	12	4	1
			45	8	1	12	5	1
CV939	25	38	40	7	2	12	5	1
CV945	30	37	40	8	1	12	2	1
			40	8	1	12	7	1
CV946	30	37	60	8	1	12	2	1
			40	8	1	12	7	1
CV995	6	41	38	4	3	2	1	1
CV1067	6	29	93					1
CV1071	5	33	16					1
			16					2
CV1074	6	38	50	7	2	12	10	1
CV1268	5	33	32					1
			32					2
CV1280	6	38	44	7	2	12	10	1
CV1285	6	38	47	7	2	12	4	1
			47	7	2	12	5	1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
CV1301	6	38	48	7	2	12	3	1
			48	7	2	12	5	1
CV1375	6	9	62					1
CV1377	5	33	10					1
			10					2
CV1633	12	8	74					1
			74					2
CV1649	6	29	99					1
CV1741	6	29	53					1
CV1753	35	37	34	8	1	12	6	1
CV1757	6	1	93					1
CV1758	1	41	55	7	1	5	6	1
CV1762	6	1	82					1
CV1763	6	41	*85	4	3	1	7	1
*Normally shows short position 5-6.								
CV1777	6	37	37	8	1	12	6	1
CV1784	6	30	38					1
CV1790	6	37	50	8	1	12	3	1
			50	8	1	12	6	1
CV1800	1	38	57	7	2	12	5	1
CV1802	1	38	57	7	2	12	5	1
CV1803	1	38	54	7	2	12	5	1
CV1805	1	38	54	7	2	12	6	1
CV1811	1	38	58	7	2	12	5	1
			86	7	2	12	10	1
			*99	7	2	12	8	1
*Tube good if it reads 90 or more.								
CV1818	1	38	55	7	2	12	10	1
			96	7	2	12	5	1
CV1819	6	29	93					1
CV1820	1	38	55	7	2	12	10	1
			96	7	2	12	5	1
CV1821	2	38	53	7	2	12	10	1
CV1823	2	38	53	7	2	12	10	1
CV1824	1	38	48	7	2	12	5	1
CV1826	1	38	48	7	2	12	5	1
CV1829	1	38	54	7	2	12	5	1
CV1846	5	33	22					1
			22					2
CV1849	5	33	32					1
			32					2
CV1851	5	38	47	8	7	12	3	1
			47	8	7	12	5	1
CV1852	5	38	47	8	7	12	3	1
			47	8	7	12	5	1
CV1854	5	33	32					1
			32					2
CV1856	5	33	32					1
			32					2
CV1857	5	38	52	8	7	12	3	1
			52	8	7	12	5	1
CV1862	6	3	77					1
CV1863	5	33	12					1
			12					2
CV1864	5	33	12					1
			12					2
CV1873	6	30	74					1
CV1876	6	30	60					1
CV1878	6	38	54	7	2	12	5	1
			82	7	2	12	1	1
CV1882	6	30	38					1
CV1893	6	38	55	7	2	12	10	1
			65	7	2	12	4	1
			65	7	2	12	5	1
CV1894	6	38	55	7	2	12	10	1
			65	7	2	12	4	1
			65	7	2	12	5	1
CV1895	50	38	*70	2	11	3	5	1
*Normally shows short position 11.								
*Normally shows grid emission.								

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
CV1902	6	38	45	7	2	12	5	1
CV1908	6	38	40	7	2	12	10	1
CV1909	6	38	40	7	2	12	10	1
CV1910	6	38	40	7	2	12	10	1
CV1911	6	29	91					1
CV1912	6	29	91					1
CV1926	6	26	52					1
CV1928	12	1	78					1
CV1929	6	38	48	7	2	12	3	1
			48	7	2	12	5	1
CV1930	6	38	48	7	2	12	3	1
			48	7	2	12	5	1
CV1931	6	38	48	7	2	12	3	1
			48	7	2	12	5	1
CV1932	6	29	93					1
CV1933	6	29	93					1
CV1934	6	29	93					1
CV1935	6	38	50	7	2	12	10	1
CV1936	6	38	50	7	2	12	10	1
CV1937	6	38	50	7	2	12	10	1
CV1938	6	29	92					1
CV1940	6	29	92					1
CV1941	6	38	52	7	2	12	10	1
CV1942	6	38	52	7	2	12	10	1
CV1943	6	38	52	7	2	12	10	1
CV1944	6	38	35	7	2	12	3	1
CV1945	6	38	35	7	2	12	5	1
CV1946	6	38	35	7	2	12	5	1
CV1947	6	29	63					1
CV1948	6	29	63					1
CV1949	6	41	43	4	3	12	1	1
CV1950	6	38	44	7	2	12	10	1
CV1951	6	38	44	7	2	12	10	1
CV1956	6	38	47	7	2	12	4	1
			47	7	2	12	5	1
CV1957	6	38	47	7	2	12	4	1
			47	7	2	12	5	1
CV1958	6	38	47	7	2	12	4	1
			47	7	2	12	5	1
CV1959	50	4	44					1
CV1961	12	1	82					1
CV1962	6	38	52	7	2	12	10	1
			63	7	2	12	4	1
			63	7	2	12	5	1
CV1963	6	38	52	7	2	12	10	1
			63	7	2	12	4	1
			63	7	2	12	5	1 & 2
CV1964	6	38	52	7	2	12	10	1
			63	7	2	12	4	1
			63	7	2	12	5	1
CV1966	6	38	37	7	2	12	5	1
CV1967	6	38	37	7	2	12	5	1
CV1969	6	38	48	8	7	12	3	1
			48	8	7	12	4	1
CV1970	6	38	48	8	7	12	3	1
			48	8	7	12	4	1
CV1972	6	38	41	8	7	12	3	1
CV1973	6	38	41	8	7	12	3	1
CV1974	6	38	47	7	2	12	10	1
CV1975	6	38	47	7	2	12	10	1
CV1976	6	38	37	7	2	12	5	1
CV1978	6	30	77					1
CV1981	6	30	84					1
CV1982	6	30	84					1
CV1985	6	25	*85					1
			*85					2
*Tube good if it reads 22 or more.								
CV1988	6	25	78					1
			78					2

*Normal Shorts refer to position of "D" Switch.

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B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
CV1990	6	38	42	8	7	12	2	1
			71	8	7	12	4	1
			71	8	7	12	5	1
CV1991	6	38	42	8	7	12	2	1
			71	6	7	12	4	1
			71	8	7	12	5	1
CV1993	6	30	92					1
CV1995	6	38	52	8	7	12	2	1
			72	8	7	12	4	1
			72	8	7	12	5	1
CV1996	6	38	52	8	7	12	2	1
			72	8	7	12	4	1
			72	8	7	12	5	1
CV2128	6	39	85	5	4	12	1	1
			36	5	4	12	9	1
CV2129	6	39	33	5	4	8	9	1
CV2370	3	41	*48	7	1	5	3	1
*Normally shows short position 2-8.								
CV2390	3	41	*38	7	1	5	4	1
*Normally shows short position 2-6.								
CV2500	35	38	33	7	2	12	5	1
CV2507	1	41	52	7	1	6	6	1
CV2522	6	1	77					1
CV2524	6	1	82					1
CV2526	6	6	91					1
			78					2
CV2534	50	29	47					1
CV2704	6	37	*33	8	2	1	5	1
*Normally shows short position 3-4-6-7.								
CV2706	6	37	53	8	1	12	4	1
CV2714	6	29	67					1
CV2716	6	38	48	8	7	12	3	1
			48	8	7	12	4	1
CV2721	6	39	*32	5	4	7	2	1
*Normally shows short position 1-6-9.								
CV2748	5	33	12					1
			12					2
CV2769	6	41	*55	4	3	1	5	1
*Normally shows short position 2-7.								
CV2901	6	39	40	4	5	2	9	1
CV2938	6	29	53					1
CV2975	6	23	68					1
CV2983	3	41	45	7	1	5	6	1
CV2984	6	38	35	8	7	12	1	1
			35	8	7	12	4	1
CV3512	6	41	34	4	3	5	6	1
CV3523	6	38	*38	7	2	1	5	1
*Normally shows short position 4-6.								
*Normally shows grid emission.								
CV3798	50	38	*70	2	11	3	5	1
*Normally shows short position 11.								
*Normally shows grid emission.								
CV3799	50	38	*89	2	11	3	5	1
*Normally shows short position 11.								
*Normally shows grid emission.								
CV4007	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
CV4010	6	1	63					1
CV4018	6	41	32	4	3	5	1	1
CV4024	12	8	74					1
			74					2
D2M9	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
D63	6	38	48	7	2	12	3	1
			48	7	2	12	5	1
D77	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
D152	6	41	33	3	4	12	2	1
			33	3	4	12	7	1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
D193	3	41	*36	7	1	5	4	1
*Normally shows short position 2-6.								
DA90	2	41	*70	7	1	2	6	1
*Normally shows short position 5-11.								
DAC32	1	38	56	7	2	12	10	1
			96	7	2	12	5	1
DAF91	1	41	56	7	1	12	6	1
			95	7	1	12	3	1
DAF92	2	41	55	7	1	12	6	1
			70	7	1	12	4	1
DAF96	1	41	58	7	1	12	6	1
			70	7	1	12	3	1
DC90	1	41	*70	7	1	5	6	1
*Normally shows short position 2-3.								
DCC90	3	41	45	7	1	4	3	1
			45	7	1	4	5	1
DD6	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
DF33	2	38	53	7	2	12	10	1
DF91	1	41	55	7	1	5	6	1
DF92	1	41	55	7	1	5	6	1
DF96	1	41	58	7	1	5	6	1
DF97	1	41	40	7	1	5	6	1
DF904	1	41	52	7	1	5	6	1
DH63	6	38	40	7	2	12	10	1
			63	7	2	12	4	1
			63	7	2	12	5	1
DH74	12	38	40	7	2	12	10	1
			63	7	2	12	4	1
			63	7	2	12	5	1
DH76	12	38	40	7	2	12	10	1
			63	7	2	12	4	1
			63	7	2	12	5	1
DH107	19	6	85					1
			78					2
DH149	6	37	50	8	1	4	3	1
			68	8	1	4	5	1
			68	8	1	4	6	1
DH710	6	17	90					1
			63					2
DH719	6	17	90					1
			63					2
DK91	1	41	57	7	1	5	4	1
DK92	1	41	48	7	1	12	4	1
DK96	1	41	54	7	1	12	4	1
DL33	3	38	45	7	2	8	5	1
DL35	1	38	54	7	2	12	5	1
DL36	1	38	48	7	2	12	5	1
DL91	1	41	*55	7	1	5	3	1
*Normally shows short position 2-6.								
DL92	3	41	*48	7	1	5	3	1
*Normally shows short position 2-6.								
DL93	3	41	*36	7	1	5	4	1
*Normally shows short position 2-6.								
DL94	3	41	45	7	1	5	6	1
DL95	3	41	*42	7	1	5	3	1
*Normally shows short position 2-6.								
DL96	3	41	45	7	1	5	6	1
DP61	6	1	63					1
DY30	1	32	55					1
DY80	1	24	85					1
DY86	1	24	35					1
DY87	1	24	35					1
DY802	1	24	58					1
E55L	6	44	*25	4	5	7	8	1
*Normally shows short position 2-6.								
E80CC	12	8	74					1
			74					2
E80CF	6	11	72					1
			55					2

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
E80F	6	39	34	4	5	7	9	1
E80L	6	39	25	4	5	1	2	1
E80T	6	39	72	4	5	12	2	1
E81CC	12	8	74					1
			74					2
E81L	6	9	60					1
E83F	6	39	25	4	5	12	2	1
E88CC	6	8	24					1
			24					2
E90CC	6	2	49					1
			49					2
E90F	6	1	82					1
E91AA	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
E91H	6	1	89					1
E91N	6	41	32	4	3	5	1	1
E92CC	6	2	61					1
			61					2
E99F	6	1	84					1
E180F	6	23	82					1
E182CC	6	39	30	4	5	8	2	1
			30	4	5	8	7	1
E188CC	6	8	23					1
			24					2
E235L	6	38	30	2	7	4	5	1
E280F	6	23	80					1
E810F	6	39	*29	4	5	3	2	1
*Normally shows short position 6-9.								
EAA91	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
EABC80	6	17	90					1
			63					2
EAF801	6	39	34	4	5	7	2	1
			56	4	5	7	8	1
EB34	6	38	48	7	2	1	3	1
			48	7	2	1	5	1
EB91	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
EBC90	6	6	85					1
			78					2
EBC91	6	6	91					1
			78					2
EBF80	6	39	37	5	4	12	2	1
			64	5	4	12	7	1
			64	5	4	12	8	1
EBF83	6	39	31	5	4	12	2	1
			62	5	4	12	7	1
			62	5	4	12	8	1
EBF89	6	39	33	5	4	12	2	1
			60	5	4	12	7	1
			60	5	4	12	8	1
ECC81	6	39	30	4	5	12	1	1
ECC86	6	40	29	4	5	3	6	1
ECC88	6	39	*85	4	5	7	8	1
*Normally shows short position 1-3-6-9								
ECC90	6	41	41	4	3	1	6	1
EC91	6	41	*79	4	3	6	1	1
*Normally shows short position 2-5.								
EC92	6	2	83					1
EC95	6	41	32	4	3	1	2	1
EC97	6	41	33	4	3	1	2	1
EC900	6	5	56					1
ECC35	6	25	*85					1
			*85					2
*Tube good if it reads 72 or more								
ECC81	12	8	74					1
			74					2
ECC82	12	8	75					1
			75					2

*Normal Shorts refer to position of "D" Switch

◆Use TC-80 Adapter.

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B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
ECC83	12	8	*85					1
			*85					2
*Tube good if it reads 22 or more.								
ECC84	6	39	33	5	4	7	2	1
			33	5	4	7	6	1
ECC85	6	8	70					1
			70					1
			70					2
ECC86	6	39	33	5	4	12	2	1
			33	5	4	12	7	1
ECC88	6	39	31	5	4	12	2	1
			31	5	4	12	7	1
ECC89	6	39	29	4	5	7	2	1
			29	4	5	7	8	1
ECC91	6	2	60					1
			60					2
ECC189	6	8	30					1
			30					2
ECC8018	12	8	74					1
			74					2
ECC8028	12	8	75					1
			75					2
ECC808	6	39	36	4	5	12	1	1
			36	4	5	12	9	1
ECC808	6	39	41	4	5	6	1	1
			41	4	5	6	9	1
ECC960	6	2	49					1
			49					2
ECF80	6	11	66					1
			55					2
ECF82	6	11	79					1
			56					2
ECF86	6	39	25	4	6	5	2	1
			25	4	5	1	6	1
ECF200	6	42	30	5	6	12	9	1
			30	5	6	12	10	1
ECF201	6	42	26	5	6	12	3	1
			32	5	6	12	10	1
ECF202	6	42	29	5	6	12	3	1
			33	5	6	12	10	1
ECF801	6	22	62					1
			78					2
ECF802	6	11	80					1
			85					2
ECF-806	6	39	30	4	5	8	7	1
			33	4	5	8	9	1
ECH81	6	39	35	5	4	12	1	1
			38	5	4	12	9	1
ECH83	6	39	30	5	4	12	2	1
			34	5	4	12	9	1
ECH84	6	22	88					1
			93					2
ECH200	6	42	31	5	6	12	3	1
			30	5	6	12	8	1
ECL80	6	39	37	5	4	12	9	1
			44	5	4	12	2	1
ECL82	6	39	33	5	4	12	3	1
			39	5	4	12	1	1
ECL84	6	39	26	4	5	12	8	1
			26	4	5	12	1	1
ECL85	6	39	25	4	5	12	9	1
			25	4	5	12	2	1
ECL86	6	39	25	4	5	2	8	1
			35	4	5	7	1	1
ECLL800	6	39	*99	4	5	12	1	1
			36	4	5	12	2	1
			36	4	5	12	8	1
*Tube good if it reads 25 or more.								
ED2	6	41	33	3	4	12	2	1
			33	3	4	12	7	1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
ED500◆	6	44	*52	4	5	12	8	1
*Normally shows short position 2-3-6-7-8.								
EF22	6	37	36	8	1	12	6	1
EF37-A	6	38	37	2	7	1	10	1
EF80	6	9	76					1
EF85	6	9	62					1
EF86	6	39	40	5	4	2	9	1
EF89	6	9	80					1
EF91	6	41	30	4	3	12	1	1
EF92	6	41	35	4	3	12	1	1
EF93	6	1	78					1
EF94	6	1	82					1
EF95	6	1	63					1
EF96	6	1	80					1
EF98	6	41	30	4	3	12	1	1
EF183	6	9	40					1
EF184	6	9	58					1
EF804	6	39	39	5	4	2	9	1
EF-806S	6	39	40	4	5	2	9	1
EFL200	6	42	27	5	6	12	1	1
			27	5	6	12	8	1
EH90	6	1	94					1
EH-900S	6	1	91					1
EK90	6	1	91					1
EL34	6	29	53					1
EL36	6	27	58					1
EL37	6	29	63					1
EL38	6	29	*62					1
*For plate cap use jack next to socket 26.								
EL81	6	39	*32	5	4	7	2	1
*Normally shows short position 1-6-9.								
EL82	6	23	68					1
EL83	6	39	30	5	4	12	2	1
EL84	6	23	68					1
EL85	6	39	*39	5	4	1	2	1
*Normally shows short position 6-8.								
EL86	6	23	58					1
EL90	6	3	77					1
EL91	6	41	34	4	3	12	1	1
EL95	6	3	88					1
EL500◆	6	44	*25	4	5	2	1	1
*Normally shows short position 3-6-7-8.								
EL503◆	6	44	*31	4	5	3	7	1
*Normally shows short position 1-2-6-8.								
EL505◆	6	44	*26	4	5	1	8	1
*Normally shows short position 2-3-6-7.								
EL508◆	6	44	30	4	5	1	8	1
EL802	6	9	51					1
EL803	6	39	30	5	4	12	2	1
EL820	6	39	*32	5	4	7	2	1
*Normally shows short position 1-6-8.								
EL821	6	9	55					1
ELL80	6	39	28	4	5	12	2	1
			29	4	5	12	6	1
EM-87	6	39	52	4	5	2	1	1
EN93	6	41	43	4	3	12	1	1
EQ80	6	39	33	5	4	3	7	1
EY81	6	39	33	5	4	2	9	1
EY82	6	39	29	4	5	8	9	1
EY86	6	40	*95	5	4	1	10	1
*Normally shows short position 8-11.								
EY87	6	40	*95	5	4	1	10	1
*Normally shows short position 8-11.								
EY88*	6	40	30	5	4	7	9	1
*If no test, use alternate settings.								
EY88	6	40	30	5	4	9	7	1
EY500■	6	38	32	7	8	2	5	1
EZ35	6	33	15					1
			15					2

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
EZ80	6	39	40	5	4	12	1	1
			40	5	4	12	7	1
EZ81	6	39	34	5	4	12	1	1
			34	5	4	12	7	1
EZ90	6	41	44	4	3	12	1	1
			44	4	3	12	6	1
G180/ZM	50	38	*99	2	11	3	5	1
*Tube good if it reads 60 or more.								
*Normally shows short position 11.								
*Normally shows grid emission.								
GY501◆	3	44	*94	4	5	4	10	1
*No short test.								
GZ-30	5	33	12					1
			12					2
GZ-32	5	33	12					1
			12					2
GZ-34	5	33	10					1
			10					2
H63	6	38	40	7	2	12	10	1
HABC80	19	17	90					1
			63					2
HBC90	12	6	85					1
			78					2
HBC91	12	6	91					1
			78					2
HCC85	17	8	65					1
			65					2
HCH81	12	39	32	5	4	12	2	1
			35	5	4	12	9	1
HD14	1	38	55	7	2	12	10	1
			98	7	2	12	5	1
HF93	12	1	78					1
HF94	12	1	82					1
HK90	12	1	91					1
HL96	19	3	77					1
HL92	50	4	44					1
HL94	30	41	27	3	4	5	2	1
HM604	6	1	91					1
HY90	35	41	33	4	3	6	5	1
KT32	25	28	47					1
KT63	6	29	91					1
KT66	6	29	63					1
KT88	6	29	43					1
KTZ63	6	38	50	7	2	12	10	1
L63	6	29	93					1
L77	6	41	41	4	3	1	6	1
LC900	3	5	56					1
LCF80	6	11	66					1
			55					2
LCF200	5	42	30	5	6	12	3	1
			30	5	6	12	10	1
LCF201	5	42	28	5	6	12	3	1
			32	5	6	12	10	1
LCF-201	6	11	80					1
			85					2
LCF801	5	22	62					1
			78					2
LCH200	5	42	31	5	6	12	3	1
			30	5	6	12	8	1
LCL80	4	39	37	5	4	12	9	1
			44	5	4	12	2	1
LCL82	12	39	33	5	4	12	3	1
			39	5	4	12	1	1
LCL84	10	39	26	4	5	12	8	1
			26	4	5	12	1	1
LCL85	10	39	25	4	5	12	9	1
			25	4	5	12	2	1
LF183	4	9	40					1
LF184	4	9	58					1

*Normal Shorts refer to position to "D" Switch.

■Use TC-62B Adapter.

◆Use TC-80 Adapter.

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B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
LFL200	10	42	27	5	6	12	1	1
			27	6	5	12	8	1
LL86	10	23	58					1
LL500◆	18	44	*25	4	5	2	1	1
*Normally shows short position 5-6-7-8.								
LL505◆	25	44	*26	4	5	1	8	1
*Normally shows short position 2-3-6-7.								
LL521◆	22	44	*29	4	5	1	8	1
*Normally shows short position 2-3-6-7.								
LL802	10	9	51					1
LN152	6	39	37	5	4	12	9	1
			44	5	4	12	2	1
LY-81	10	39	33	5	4	2	9	1
LY88*	22	40	30	5	4	7	3	1
*If no test, use alternate settings.								
LY88	22	40	30	5	4	3	7	1
LY508▭	30	38	32	7	8	2	5	1
LZ319	9	11	66					1
			55					2
M8061	6	2	60					1
			60					2
M8100	6	1	63					1
N14	1	38	54	7	2	12	5	1
N17	3	41	*48	7	1	5	3	1
*Normally shows short position 2-6.								
N18	3	41	*42	7	1	5	3	1
*Normally shows short position 2-6.								
N19	3	41	45	7	1	5	8	1
◆N221L	19	44	33	4	5	7	1	1
N152	19	39	*32	5	4	7	2	1
*Normally shows short position 1-6-9.								
N329	16	23	68					1
N709	6	23	68					1
NCC189	4	39	30	5	4	12	2	1
			30	5	4	12	7	1
NR87	6	38	44	7	2	12	10	1
NR78	6	29	99					1
NR78A	6	29	93					1
NR81	6	38	52	7	2	12	10	1
NR83	6	38	50	7	2	12	10	1
NR85	6	29	91					1
NR95	25	29	47					1
NU20	5	33	32					1
			32					2
OBC3	12	38	42	8	7	12	2	1
			71	8	7	12	4	1
OF1	6	38	47	7	2	12	10	1
OH4	12	38	45	7	2	12	5	1
OSW2190	6	30	60					1
OSW2192	6	30	38					1
OSW2600	6	30	60					1
OSW2601	6	30	38					1
OSW3105	6	38	42	8	1	12	2	1
			71	8	1	12	4	1
			71	8	1	12	5	1
OSW3106	6	29	79					1
OSW3108	6	29	63					1
OSW3109	6	38	48	7	2	12	8	1
			48	7	2	12	5	1
OSW3111	6	30	84					1
OSW3112	6	29	93					1
PABC80	9	17	90					1
			63					2
PC86	4	40	29	4	5	3	6	1
PC88	4	39	*85	4	5	7	8	1
*Normally shows short position 1-3-6-9.								
PC-85	4	41	33	4	3	1	2	1
PC97	5	41	33	3	4	1	2	1
PC900	4	5	56					1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
PCC84	7	39	33	5	4	7	2	1
			33	5	4	7	8	1
PCC85	9	8	70					1
			70					2
PCC88	7	39	31	5	4	12	2	1
			31	5	4	12	7	1
PCC89	7	39	29	4	5	7	2	1
			29	4	5	7	8	1
PCC189	7	8	30					1
			30					2
PCF80	9	11	66					1
			55					2
PCF82	9	11	79					1
			55					2
PCF86	7	39	25	4	5	3	2	1
			25	4	5	1	8	1
PCF200	8	42	30	5	8	12	3	1
			30	5	6	12	10	1
PCF201	8	42	28	5	6	12	3	1
			32	5	6	12	10	1
PCF801	8	22	62					1
			78					2
PCF802	9	11	80					1
			85					2
PCF805	7	39	30	4	5	8	7	1
			33	4	5	8	9	1
PCH200	9	42	31	5	6	12	3	1
			30	5	6	12	8	1
PCL82	16	39	33	5	4	12	9	1
			39	5	4	12	1	1
PCL84	15	39	26	4	5	12	8	1
			26	4	5	12	1	1
PCL85	16	39	25	4	5	12	9	1
			25	4	5	12	2	1
PCL86	14	39	25	4	5	2	9	1
			35	4	5	7	1	1
PD500◆	9	44	*52	4	5	12	8	1
*Normally shows short position 2-3-6-7-9.								
PF9	6	38	52	7	2	12	10	1
PF86	4	39	33	4	5	2	9	1
PFL200	17	42	27	5	6	12	1	1
			27	5	6	12	8	1
PH4	6	38	45	7	2	12	6	1
PL36	25	27	58					1
PL81	19	39	*32	5	4	7	2	1
*Normally shows short position 1-6-9.								
PL82	16	23	68					1
PL83	12	39	30	5	4	12	2	1
PL84	15	23	58					1
PL500◆	30	44	*25	4	5	2	1	1
*Normally shows short position 3-6-7-8.								
PL505◆	40	44	*26	4	5	1	8	1
*Normally shows short position 2-3-6-7.								
PL508◆	17	44	30	4	5	1	8	1
PL-509◆	30	44	*26	4	5	1	8	1
*Normally shows short position 2-3-6-7.								
PL521◆	30	44	*29	4	5	1	8	1
*Normally shows short position 2-3-6-7.								
PL802	16	9	51					1
PL820	19	39	*32	5	4	7	2	1
*Normally shows short position 1-6-9.								
PM04	6	1	78					1
PM05	6	1	63					1
PY32	30	38	24	2	7	6	3	1
			24	2	7	6	5	1
PY80	19	39	28	5	4	12	9	1
PY81	17	39	33	5	4	2	9	1
PY82	19	39	29	4	5	8	9	1
PY88*	30	40	30	5	4	7	3	1
*If no test, use alternate settings								

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
PY88	30	40	30	5	4	3	7	1
PY500▭	40	38	32	7	8	2	5	1
QA240	6	41	41	4	3	1	6	1
QA2404	6	41	33	3	4	12	2	1
			33	3	4	12	7	1
QA2406	12	8	74					1
			74					2
QA2407	6	41	44	4	3	12	1	1
			44	4	3	12	6	1
QA2406	6	25	78					1
			78					2
QE03/10	6	39	33	5	4	8	9	1
QE05/40	6	38	*38	7	2	1	5	1
*Normally shows short position 4-6.								
QS150/40	50	38	*99	2	11	3	5	1
*Tube good if it reads 50 or more.								
*Normally shows short position 11.								
*Normally shows grid emission.								
QV03/12	6	39	33	5	4	8	9	1
QV06/20	6	38	*38	7	2	1	5	1
*Normally shows short position 4-6.								
R52	5	33	12					1
			12					2
SN7	1	32	55					1
SP6	6	41	30	4	3	12	1	1
T2M05	8	41	34	4	3	12	5	1
			34	4	3	12	8	1
T3880	12	9	35					1
TM12	6	41	*85	4	3	1	7	1
*Normally shows short position 5-6.								
TS51	6	1	63					1
TS52	6	2	60					1
			60					2
TS-878C	6	39	*28	4	5	1	2	1
*Normally shows short position 3-9.								
U50	5	33	32					1
			32					2
U52	5	33	16					1
			16					2
U54	5	33	10					1
			10					2
U78	6	41	44	4	3	12	1	1
			44	4	3	12	6	1
U147	6	33	15					1
			15					2
U149	6	37	45	8	1	12	9	1
			45	8	1	12	6	1
U159	17	39	35	4	5	2	9	1
U154	19	39	29	4	5	6	9	1
U192	19	39	29	4	5	6	9	1
U709	6	39	34	5	4	12	1	1
			34	5	4	12	7	1
UAA91	19	41	33	3	4	12	2	1
			33	3	4	12	7	1
UABC80	25	17	90					1
			63					2
UBF80	17	35	33	5	4	12	2	1
			65	5	4	12	7	1
			65	5	4	12	8	1
UCC84	22	39	33	5	4	7	2	1
			33	6	4	7	8	1
UCC85	25	8	70					1
			70					2
UCF80	25	11	66					1
			55					2
UCH81	19	39	32	5	4	12	2	1
			35	5	4	12	9	1
UCL82	50	39	39	5	4	12	9	1
			39	5	4	12	1	1
UF85	12	39	40	6	4	2	9	1

*Normal Sheets refer to position of "D" Switch

▭Use TC-828 Adapter.

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B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
UF89	12	9	80					1
UL84	50	23	58					1
UU12	6	39	34	5	4	12	1	1
			34	5	4	12	7	1
UY82	50	39	29	4	5	8	9	1
UY85	35	40	30	4	5	1	6	1
V2M70	6	41	44	4	3	12	1	1
			44	4	3	12	6	1
V884	6	41	35	4	3	12	1	1
VP6	6	41	35	4	3	12	1	1
VP1321	12	41	*55	4	3	1	5	1
	*Normally shows short position 2-7.							
VR75	50	38	*70	2	11	3	5	1
	*Normally shows short position 11.							
	*Normally shows grid emission.							
VR90	50	38	*69	2	11	3	5	1
	*Normally shows short position 11.							
	*Normally shows grid emission.							
VR105	50	38	*85	2	11	3	5	1
	*Normally shows short position 11.							
	*Normally shows grid emission.							
VR150/30	50	38	*99	2	11	3	5	1
	*Tube good if it reads 80 or more.							
	*Normally shows short position 11.							
	*Normally shows grid emission.							
VT52	6	29	92					1
VT63	7	29	99					1
VT66	6	29	91					1
VT74	5	33	12					1
			17					2
VT88	6	38	52	7	2	12	10	1
VT87	6	38	44	7	2	12	10	1
VT88	6	38	52	7	2	12	10	1
			63	7	2	12	4	1
			63	7	2	12	5	1
VT90	6	38	48	7	2	12	5	1
			48	7	2	12	5	1
VT91	6	38	50	7	2	12	10	1
VT93	6	38	55	7	2	12	10	1
			65	7	2	12	4	1
VT94	6	29	93					1
VT96	6	38	47	7	2	12	4	1
			47	7	2	12	5	1
VT97	5	33	32					1
			32					2

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
VT98	6	38	45	7	2	12	5	1
			45	7	2	12	10	1
VT102	6	29	92					1
VT103	6	38	42	8	7	12	2	1
			71	8	7	12	4	1
			71	8	7	12	5	1
VT104	12	38	42	8	7	12	2	1
			71	8	7	12	4	1
			71	8	7	12	5	1
VT105	6	38	48	8	7	12	3	1
			48	8	7	12	4	1
VT107	6	29	79					1
VT112	6	30	68					1
VT114	5	33	16					1
			16					2
VT115	6	29	63					1
VT116	6	30	63					1
VT117	6	30	84					1
VT124	1	38	55	7	2	12	6	1
VT125	1	38	54	7	2	12	5	1
VT126	6	33	15					1
			15					2
W17	1	41	55	7	1	5	6	1
W77	6	41	35	4	3	12	1	1
W149	6	37	45	8	1	12	6	1
W719	6	9	62					1
W727	6	1	78					1
X6300	6	38	45	7	2	12	5	1
X7306	6	38	45	7	2	12	5	1
X107	19	1	91					1
X155	6	3	55					1
			55					2
X727	6	1	91					1
X8767A	6	38	34	7	2	12	5	1
XC95	2	41	33	4	3	1	2	1
XC97	2	41	33	4	3	1	2	1
XC900	2	5	56					1
XCC189	4	8	30					1
			30					2
XCF80	4	11	66					1
			65					2
XCF86	5	39	24	4	5	3	2	1
			25	4	5	1	6	1
XCF801	4	22	62					1

TUBE TYPE	Heater	Socket	Sensitivity	A	B	C	D	Test Pos.
XCH81	3	39	65	5	4	12	1	1
			38	5	4	12	9	1
XCL82	8	39	33	5	4	12	3	1
			39	5	4	12	1	1
XCL84	8	39	26	4	5	12	3	1
			26	4	5	12	1	1
XCL85	18	39	25	4	5	12	9	1
			25	4	5	12	2	1
XF80	3	9	76					1
XF85	3	9	62					1
XF183	3	9	49					1
XF184	3	9	58					1
XL36	12	27	57					1
XL84	8	23	68					1
XL86	8	23	58					1
XL500◆	12	44	*25	4	5	2	1	1
	*Normally shows short position 3-6-7-8.							
XY88*	16	40	30	5	4	7	3	1
	*If no test, use alternate settings.							
XY88	16	40	30	5	4	3	7	1
XXD	12	37	41	8	1	12	4	1
			41	8	1	12	5	1
XXFM	8	37	43	8	1	12	3	1
			36	8	1	12	5	1
			35	8	1	12	6	1
XXL	6	37	41	8	1	12	9	1
YF183	4	9	40					1
YF184	4	9	58					1
YL1371	12	38	*38	7	2	1	6	1
	*Normally shows short position 4-6.							
Z14	2	38	53	7	2	12	10	1
Z63	6	38	50	7	2	12	10	1
Z719	6	9	76					1
Z729	6	39	40	5	4	2	9	1
ZD17	1	41	*55	7	1	5	3	1
	*Normally shows short position 2-6.							
ZD25	1	41	58	7	1	12	6	1
			70	7	1	12	3	1
ZD151	6	39	37	5	4	12	2	1
			64	5	4	12	7	1
			64	5	4	12	3	1
ZD152	6	39	37	5	4	12	2	1
			64	5	4	12	7	1
			64	5	4	12	3	1

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