

# DYNA-JET

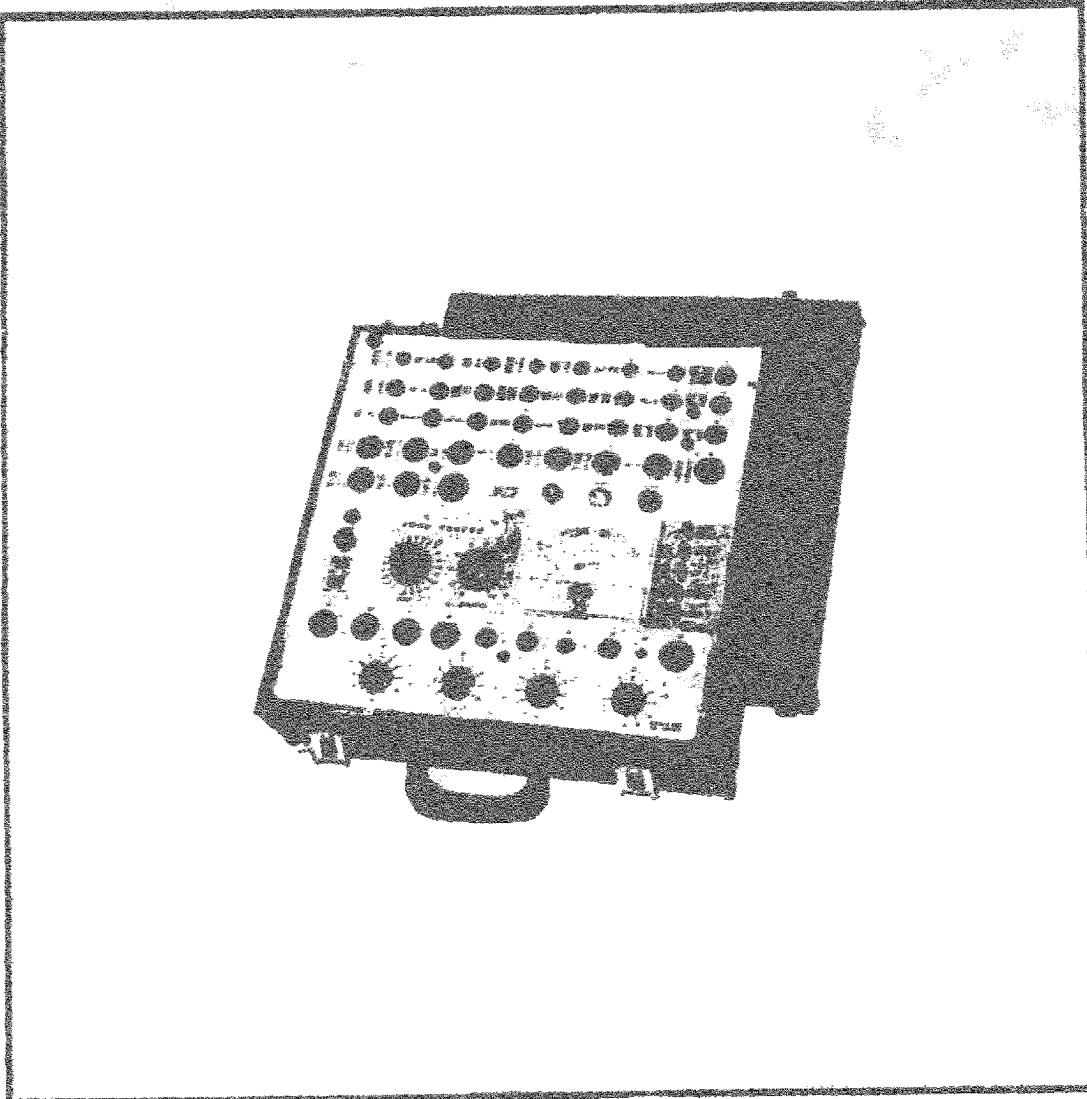
DYNAMIC MUTUAL CONDUCTANCE  
TUBE TESTER

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INSTRUCTION MANUAL

MODEL  
**707**



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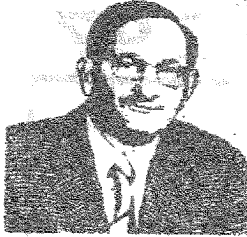
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**HOT SALE!**



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**

*Information on your new Dyna-Jet Model 707 Tube Tester*

**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.

$$G_m = \frac{\Delta I_p}{\Delta E_g} \quad \text{where:}$$

$\Delta I_p$  = a change in plate signal current.  
 $\Delta E_g$  = a small change in grid signal voltage.

The amplification of a circuit =  $G_m R_L$ . Where  $R_L$  is the equivalent load resistance of the stage.

Since  $R_L$  is constant in any circuit, we see that the amplification depends directly on the  $G_m$  of the tube.

The  $G_m$  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.

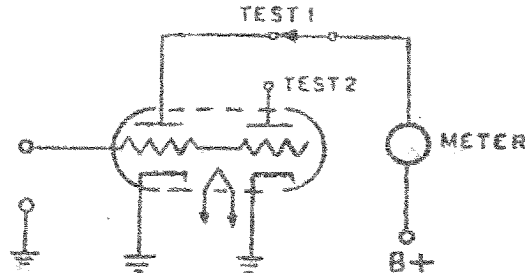


Figure 1—Each Section of Multisection Tube Tested Separately.

## 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.

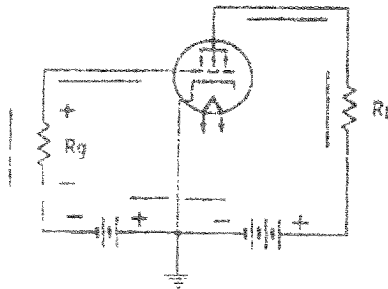


Figure 2—Negative Grid Current

The electrons flow from the grid to the plate then back through the power supply to the grid leak resistor  $R_g$  and up to the grid again. Notice that the voltage drop across the grid leak resistor  $R_g$  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  $R_1$ . Making the grid more positive will drive the tubes to saturation, causing clipping or overloading.

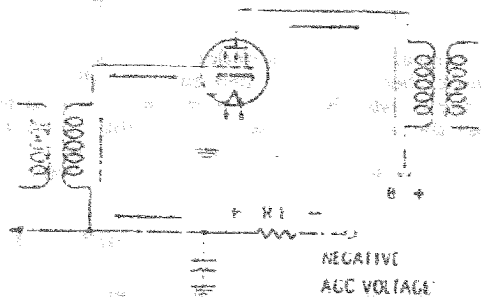


Figure 3—Typical I.F. Stage.

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.

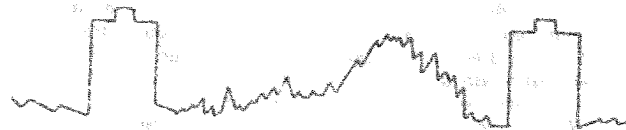


Figure 4—Normal Video and Sync Signal



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.

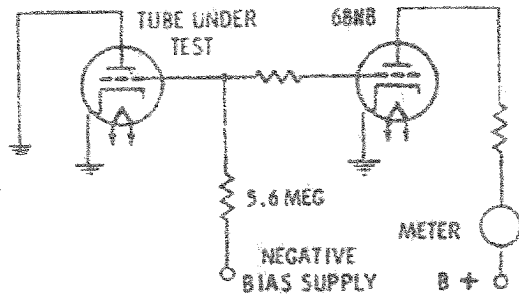


Figure 5--Grid Emission Test Circuit.

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  $G_m$  under normal test conditions; however, a reduction of 10% to 15% of heater voltage may be marked by a sharp slump in  $G_m$  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  $G_m$  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<sup>5</sup>*  
*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.

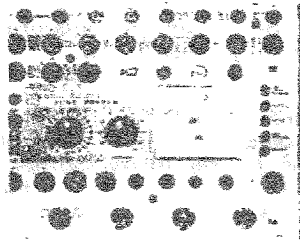


Fig. 7

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 Nuvisor 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—78-75) the two sections are the same and therefore the sensitivity settings are the same.

When a multiple tube of dissimilar 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 6U4, 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 #39 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	TEST			TEST POS.
				A	B	C	
6AJ8	6	39	85	5	4	12	1
			38	5	4	12	9
6AR8	6	39	30	5	4	12	6

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 6BNS tube conduct.

#### *Quality Test*

A tube is tested for Grm 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 lita. 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.
<b>CAPACITORS</b>		
C-1	200 MFD @ 6.4V Pigtail Electrolytic Cap.	022-001-9-007
C-4	20 MFD @ 350V Pigtail Electrolytic Cap.	021-003-9-006
C-5	20 MFD @ 350V 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.	008-004-5-151
* 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. 1/3 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-22	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	083-038-9-001
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



SCHEMATIC  
SYMBOL

DESCRIPTION

B & K  
PART No.

MISCELLANEOUS

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	878-002-9-001
	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 692-001-9-001)	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

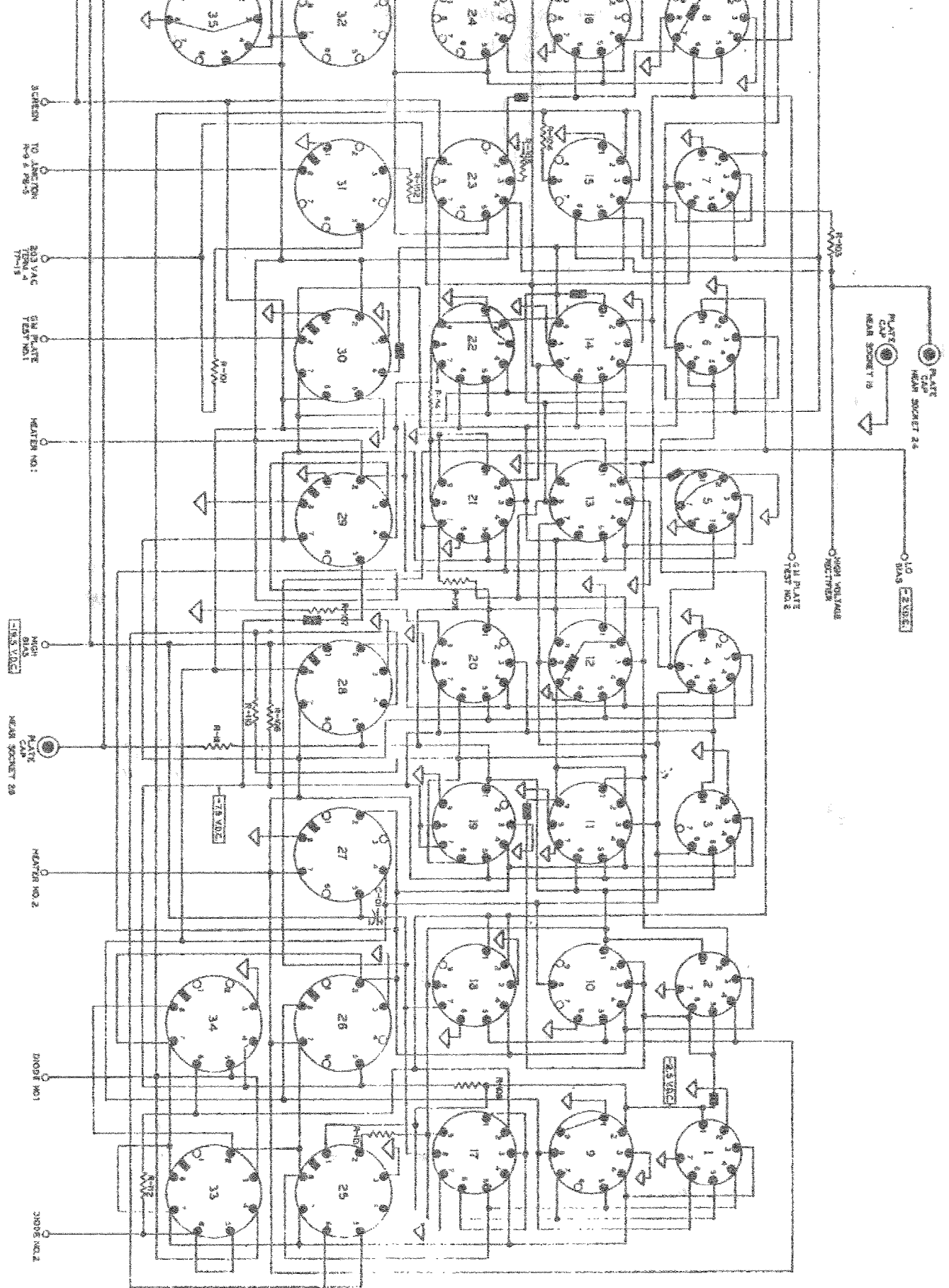
*Note: Standard value capacitors and resistors are not listed.  
Values may be obtained from schematic diagram.*

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.

- 101 4.7K 7W GLASS
- 102 22K 1/2W 5% CARBON
- 103 1.5K 1/2W 5% CARBON
- 104 1.5K 1/2W 5% CARBON
- 105 82K 1/2W 5% CARBON
- 106 470K 1/2W 5% CARBON
- 107 1.5K 1/2W 5% CARBON
- 108 1.5K 1/2W 5% CARBON
- 109 2.4K 1/2W 5% CARBON
- 110 2500K 2W 5% CARBON
- 111 10K 1/2W 5% CARBON
- 112 250K 1/2W 5% CARBON
- 113 2.7K 1/2W 5% CARBON
- 114 2.7K 1/2W 5% CARBON
- 115 50K 1/2W 5% CARBON

157 R WALKER - R-114  
 157 C WALKER - C-114



B & K MFG CO  
 MODEL 707  
 SOCKET PANEL

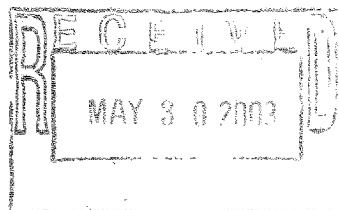


## B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater Socket	Sensitivity	A	B	C	D	Test Pos.	Tube Type	Heater Socket	Sensitivity	A	B	C	D	Test Pos.	Tube Type	Heater Socket	Sensitivity	A	B	C	D	Test Pos.
0A3	50 38	*70	2	11	3	5	1	1D13	2 41	*70	7	1	2	6	1	1S5	2 41	54	7	1	5	6	1
	*Normally shows short on position 11.																						
	*Normally shows grid emission.																						
0A3A	50 38	*70	2	11	3	5	1	1D63	1 38	*85	3	8	5	10	1	1T4	2 41	50	7	1	5	6	1
	*Normally shows short on position 11.																						
	*Normally shows grid emission.																						
0B3	50 38	*99	2	11	3	5	1	1D-K1	1 40	*75	4	5	1	10	1	1T5	1 38	54	7	1	5	6	1
	*Normally shows short on position 11.																						
	*Normally shows grid emission.																						
0C3	50 38	*85	2	11	3	5	1	1D-K2	1 40	*75	4	5	1	10	1	1U4	2 41	49	7	1	5	6	1
	*Normally shows short on position 11.																						
	*Normally shows grid emission.																						
0C3A	50 38	*85	2	11	3	5	1	1DK29	1 40	*75	4	5	1	10	1	1U5	2 41	54	7	1	12	6	1
	*Normally shows short on position 11.																						
	*Normally shows grid emission.																						
0D3	50 38	*99	2	11	3	5	1	1DN5	2 41	54	7	1	12	6	1	1V2	1 40	99	5	4	12	1	1
	*Normally shows short on position 11.																						
	*Normally shows grid emission.																						
0D3A	50 38	*99	2	11	3	5	1	1DY4	1 41	*24	4	3	2	6	1	1X2	1 24	56					1
	*Normally shows short on position 11.																						
	*Normally shows grid emission.																						
0Z4	6 31	8					2	1FD1	1 41	58	7	1	12	6	1	2AF4	2 41	*24	4	3	2	6	1
	*Normally shows short on position 11.																						
	*Normally shows grid emission.																						
	*Tube good if it reads 60 or more.																						
1A3	2 41	*70	7	1	2	6	1	1FD9	1 41	56	7	1	12	6	1	2AH2	2 45	99	1	12	12	10	1
	*Normally shows short on position 5-11.																						
1A5	2 38	53	7	2	12	5	7	1IG3	1 32	55	7	2	12	4	1	2AS2	2 45	99	1	12	12	10	1
1A7	2 38	54	7	2	12	5	1	1IG6	1 38	55	7	2	12	4	1	2AV2	2 40	*99	4	5	12	1	1
1A86	1 41	54	7	1	12	4	1	1IH2	1 24	58	7	2	12	5	1		*Normally shows short position 1-7.						
1ACE	1 41	48	7	1	12	4	1	1IH5	1 38	55	7	2	12	10	1	2B2	2 24	52					1
1AD2	1 45	*99	1	12	12	10	1	1IH6	2 38	54	7	2	12	6	1	2BN4	2 41	*33	4	3	2	7	1
	*Tube good if it reads 20 or more.																						
1AF4	1 41	50	7	1	5	6	1	1IW35	1 41	54	7	1	12	4	1	2B3	2 32	30					1
1AH5	1 41	58	7	1	12	6	1	1I3	1 32	88					1	2BA2	2 40	88	4	5	12	1	1
	*Normally shows short position 2-6.																						
1AJ4	1 41	56	7	1	5	6	1	1I6	2 38	53	7	2	12	4	1	2B2	2 24	52					1
1AN5	1 41	40	7	1	5	6	1	1IK3	1 32	90					1	2B4	2 41	*33	4	3	2	7	1
1AU2	1 40	*100	5	4	12	1	1	1IL4	2 41	52	7	1	5	6	1	2B4	2 41	*33	4	3	2	7	1
	*Tube good if it reads 20 or more.																						
1AU3	1 32	95					1	1IL5	2 41	56	7	1	12	4	1	2C5	2 1	54					1
1AX2	1 24	93					1	1ILA4	2 37	53	8	1	12	6	1	2D21	6 41	32	4	3	5	1	1
1AY2	1 39	95	1	9	12	10	1	1ILA5	2 37	58	8	1	12	4	1	2DL4	2 39	*85	4	5	7	8	1
	*Connect two leads from 1AY2 bottom pins to pin holes No. 1 and 9 of Socket No. 39.																						
1B3	1 32	55					1	1ILB4	2 37	53	8	1	12	6	1	2DS4	2 43	*87	10	12	12	2	1
1B7	1 38	55	7	2	12	5	1	1ILC5	1 37	54	8	1	5	6	1	2DX4	2 41	*62	3	4	1	7	1
1BC2	1 24	57					1	1ILC6	2 37	59	8	1	12	4	1		*Normally shows short position 1-6.						
1B82	1 40	*75	4	5	1	10	1	1ILD5	2 37	53	8	1	12	6	1	2E26	6 38	*40	7	2	1	5	1
	*Insert leads into pins 4 & 5 of socket 40.																						
	Top cap goes to top lead.																						
	*Tube good if it reads 20 or more.																						
1BH2	1 39	95	1	9	12	10	1	1ILE3	1 37	55	8	1	12	6	1	2EAS	2 1	80					1
	*Connect two leads from solder lugs of the 1BH2 to pin holes No. 1 and 9 of Socket No. 39.																						
1BK2	1 24	*53					1	1ILG5	2 37	50	8	1	5	6	1	2EG4	2 43	*72	10	12	12	2	1
	*Tube good if it reads 40 or more.																						
1BQ2	1 24	56					1	1ILH4	2 37	52	8	1	12	6	1	2EN5	2 41	35	3	4	12	2	1
1BX2	1 24	56					1	1ILN5	2 37	50	8	1	5	6	1	2ER5	2 41	33	4	3	1	2	1
1BY2	1 45	*99	1	12	7	10	1	1IP5	2 38	53	7	2	12	10	1	2ESS	2 41	33	4	3	1	2	1
	*Tube good if it reads 20 or more.																						
1C1	1 41	57	7	1	5	4	1	1IP10	3 41	*48	7	1	5	3	1	2EV5	2 1	57					1
1C2	1 41	48	7	1	12	4	1	1IN2-A	1 32	53					1	2FH5	2 41	33	4	3	1	2	1
1C3	1 41	54	7	1	12	4	1	1IN5	2 38	53	7	2	12	10	1	2F35	2 1	99					1
1C5	2 38	48	7	2	12	5	1	1IP5	2 38	53	7	2	12	10	1	2F05	2 41	33	4	3	1	2	1
1C7	2 38	54	7	2	12	5	1	1IP11	3 41	45	7	1	5	6	1	2FQ5A	2 41	31	4	3	1	2	1
1DSGT	2 38	54	7	2	12	10	1	1IR-K23	1 24	35					1	2FV6	2 1	54					1
1D8	2 38	53	7	2	12	5	1	1IR-K41	1 24	*53					1	2FY5	2 41	33	4	3	1	2	1
	*Normally shows short position 2-6.																						
	*Tube good if it reads 40 or more.																						
1E4	2 37	60	8	1	12	4	1	1IN2-A	1 32	53					1	2GK5	2 41	25	4	3	1	2	1
1E5	2 41	53	7	1	5	4	1	1IN5	2 38	53	7	2	12	10	1	2GU5	2 41	27	3	4	2	1	1
1E2-A	1 24	55					1	1IP5	2 38	53	7	2	12	10	1	2H5	2 41	29	3	4	6	2	1
1E4	2 41	*44	7	1	5	3	1	1IP10	3 41	*48	7	1	5	3	1	2HAS	2 5	56					1
	*Normally shows short position 2-6.																						
	*Normally shows short position 1-7.																						
3A2	3 24	35					1	1IP11	3 41	45	7	1	5	6	1	2HK5	2 5	56					1
3A3	3 32	54					1	1IQ5	2 38	40	7	2	12	5	1	2HMS	2 5	57					1
3A3A	3 32	54					1	1IR-K23	1 24	35					1	2HQ5	2 5	55					1

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

0A3-3A3A



**B & K DYNA-JET MODEL 707 TUBE CHART**

TUBE TYPE	Header	Socket	Sens.-Utility	A	B	C	D	Test Pos.	TUBE TYPE	Header	Socket	Sens.-Utility	A	B	C	D	Test Pos.	TUBE TYPE	Header	Socket	Sens.-Utility	A	B	C	D	Test Pos.	
3A4	3	41	*36	7	1	5	4	1	30F3	3	38	*75	3	8	5	10	1	3S4	3	41	*48	7	1	5	3	1	
3A5	3	41	45	7	1	4	3	1	30G4	3	38	26	1	3	12	5	1	3V4	3	41	45	7	1	5	6	1	
3A8	3	38	54	7	2	1	10	1	30H3	3	38	*90	3	8	5	10	1	4AB8	4	39	37	5	4	12	9	1	
3AF4	3	41	*24	7	2	1	8	1	30J3	3	32	*30					1	4AUG	4	1	82					1	
3AJ8	3	39	85	5	4	12	9	1	30K6	3	1	61					1	4AUG	4	12	59					1	
3AL5	3	41	33	3	4	12	2	1	30R3	3	38	*90	3	8	5	10	1	4BC5	4	1	74					1	
3AT2	3	45	96	1	12	12	10	1	30S3	3	38	*90	3	8	5	10	1	4BC8	4	8	53					1	
3AU6	3	1	82					1	30T6	3	1	91					1	4BE8	4	1	91					1	
3AV6	3	6	88					1	30X4	3	41	*62	3	4	1	7	1	4BLB	4	11	68					1	
3AW2	3	45	91	1	12	12	10	1	30Y4	3	41	*24	4	3	2	6	1	4BM4	4	41	*33	4	3	2	7	1	
3AW3	3	32	55					1	30Z4	3	41	*31	3	4	6	2	1	4BN6	4	7	75					1	
3B2	3	32	72					1	3EAS	3	1	80					1	4BQ7	4	3	54					1	
3B7	3	37	45	8	1	4	3	1	3EH7	3	9	40					1	4BX6	4	9	76					1	
3BA6	3	1	78					1	3EJ7	3	9	58					1	4BX8	4	39	33	5	4	12	2	1	
3BC5	3	1	74					1	3EP5	3	41	33	4	3	1	2	1	4BX8	4	39	33	5	4	12	7	1	
3BE6	3	1	91					1	3ES5	3	41	33	4	3	1	2	1	4BZ8	4	1	61					1	
3BH2	3	44	*94	4	5	4	10	1	3EV5	3	1	57					1	4BZ7	4	8	53					1	
3BL2	3	45	85	1	12	12	10	1	3FH5	3	41	33	4	3	1	2	1	4BZ7	4	8	53					1	
3BM2	3	45	85	1	12	12	10	1	3FQ5	3	41	33	4	3	1	2	1	4BZ8	4	8	55					1	
3BN2	3	45	*99	1	12	12	10	1	3FSA	3	41	31	4	3	1	2	1	4C86	4	1	64					1	
3BN4	3	41	*33	4	3	2	7	1	3FS5	3	1	99					1	4CE5	4	1	62					1	
3BN6	3	7	78					1	3FY5	3	41	33	4	3	1	2	1	4CM4	4	40	29	4	5	3	8	1	
3BS2	3	45	87	1	12	12	10	1	3GK5	3	41	25	4	3	1	2	1	4CS6	4	1	94					1	
3BS2A	3	45	87	1	12	12	10	1	3K6	3	9	40					1	4CY5	4	1	54					1	
3BT2	3	45	*80	1	12	12	10	1	3GS8	3	21	95					2	4DE6	4	1	61					1	
3BU8	3	21	92					2	3GU5	3	41	27	3	4	2	1	1	4DK6	4	1	61					1	
3BW2	3	45	*80	1	12	12	10	1	3GW5	3	41	29	3	4	6	2	1	4DL4	4	39	*85	4	5	7	8	1	
3BX6	3	4	76					1	3GY5	3	38	*25	1	12	5	9	1	1	4DT6	4	1	91					1
3BY6	3	1	91					1	3HA5	3	5	56					1	4EN7	4	9	40					1	
3BY7	3	9	62					1	3HE7	3	36	27	1	12	10	2	1	4EP7	4	9	58					1	
3BZ6	3	1	61					1	3HF5	3	36	*25	1	12	9	5	1	1	4ER5	4	41	33	4	3	1	2	1
3C2	3	32	22					1	3HK5	3	5	56					1	4ES8	4	8	30					1	
3C4	2	41	48	7	1	5	6	1	3HM5	3	5	57					1	4EW6	4	1	77					1	
3CA3	3	32	55					1	3HM6	3	9	68					1	4G77	4	22	62					1	
3CB6	3	1	64					1	3HQ5	3	5	55					1	4GK5	4	41	25	4	3	1	2	1	
3CE5	3	1	62					1	3HS8	3	21	99					2	4GM8	4	1	64					1	
3CF6	3	1	60					1	3HT6	3	9	60					1	4GS7	4	14	80					1	
3CH3	3	32	30					1	3JC6	3	9	65					1	4GS8	4	21	95					1	
3CN3A	3	32	30					1	3JC6A	3	9	59					1	4GW5	4	41	29	3	4	6	2	1	
3CS6	3	1	94					1	3JG6	3	9	61					1	4GX6	4	1	85					1	
3CU9	3	32	29					1	3K78	3	21	92					1	4HX7	4	22	76					1	
3CV3	3	32	*40					1	3KT6	3	9	52					1	4GZ5	4	41	26	3	4	2	5	1	
3CX3	3	38	*88	3	8	4	10	1	3L35	3	41	*38	7	1	5	4	1	4HA5	4	5	50					1	
3CY3	3	32	60					1	3LF4	3	37	43	8	1	7	8	1	4HA7	4	36	35	1	12	5	9	1	
3CY5	3	1	54					1	3M-P26	3	7	81					1	4HC7	4	36	*35	1	12	5	11	1	
3CZ3	3	32	35					1	3M-R24	3	1	51					1	4HC7	4	36	*35	1	12	5	11	1	
3D6	2	37	43	8	1	7	6	1	3M-V7	3	1	61					1	4HC7	4	36	*35	1	12	5	11	1	
3DA3	3	38	*88	3	8	5	10	1	3Q4	3	41	*42	7	1	5	3	1	4HC7	4	36	*35	1	12	5	11	1	
3DB3	3	32	60					1	3Q5	3	38	45	7	2	8	3	1										
3DC3	3	32	*13					1																			

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

**3A4-4HC7**

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	Total Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	Total Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	Total Pos.
4HG8	4	28	25	4	4	4	4	16	5JL8	5	14	72						5HC7	5	36	*35	1	12	5	8	16
4HK5	4	5	56						5BK7	5	8	55						*Normally shows short position 7-10.								
4HM5	4	5	57						5BQ5	5	23	68						5HG8	5	39	24	4	5	3	2	14
4HM5	4	5	68						5BQ7	5	8	54						5H26	5	1	83					1
4HQ5	4	5	55						5BR8	5	14	72						5H6	5	2	60					1
4HR8	4	21	98	4	5	2	8	19	5BS8	5	8	54						5K5	5	1	81					1
4HT6	4	9	60						5BT8	5	38	33	5	4	12	8	8	5K6	5	1	28					1
4JC6	4	9	85						5B78	5	38	33	5	4	12	8	8	5K8	5	11	88					2
4JCSA	4	9	59						5B88	5	38	33	5	4	12	8	8	5K8	5	11	88					2
4JG6	4	9	61						5B98	5	39	33	5	4	12	8	8	5KE8	5	11	88					1
4JH5	4	1	64						5C8	5	14	78						5K28	5	38	28	4	5	12	2	21
4JK6	4	1	61						5C77	5	8	53						5L8	5	14	85					1
4JL8	4	1	23						5C88	5	14	78						5M88	5	14	84					1
4JW8	4	11	80						5CL8	5	14	68						5MP8	5	36	35	1	12	6	7	16
4KE8	4	11	88						5CM8	5	16	64						5M-HH3	5	2	56					1
4KF8	4	21	92						5CN8	5	39	33	5	4	12	2	2	5M-HH3	5	2	56					1
4KNE	4	39	86	4	5	12	1	12	5CQ8	5	11	72	5	4	12	9	9	5M-K9	5	41	30	3	4	12	5	21
4KT6	4	9	52	4	5	12	8	19	5CR8	5	39	*32	5	4	12	2	2	5MQ8	5	11	85					1
4LB	4	14	85						5CR8	5	39	*34	5	4	12	9	9	5M1039A	6	1	63					1
4LH6	4	1	52						5CU4	5	38	28	5	2	12	4	4	5P-29	5	29	*62					1
4LH8	4	21	98						5CU4	5	38	28	5	2	12	6	6	*For plate cap, use jack next to socket 26								
4M-P12	4	1	85						5CZ5	5	16	60						5R4	5	33	22					1
4M-P26	4	7	81						5DB4	5	33	18						5R00H1	5	39	41	5	4	12	8	16
4R-HH2	4	8	53						5DH8	5	14	61						5RHP1	4	11	56					1
4R-HH8	4	39	86	4	5	12	1	12	5DJ4	5	33	16						5RHR1	5	11	52					1
4RHH15	4	8	53	4	5	12	8	19	5E8	5	11	71						5R-K16	5	38	27	4	5	12	1	16
5AF4	5	41	*24	4	5	2	8	19	5EN8	5	12	71						5T4	5	33	16					1
5AF11	5	36	31	1	12	12	11	26	5ES8	5	8	30						5T8	5	17	90					1
5AM8	5	39	30	5	4	12	2	19	5E18	5	39	32	5	4	12	7	7	5U4	5	33	16					1
5AN8	5	13	62						5EW6	5	1	77						5UR	5	11	79					1
5AQ5	5	3	77						5F67	5	14	68						5U9	5	42	28	5	6	12	3	16
5AR4	5	39	10						5FV8	5	14	65						5V3	5	33	15					1
5AS4	5	33	17						5GN8	5	11	58						5V4	5	33	12					1
5AS8	5	39	31	5	4	12	2	19	5GHBA	5	11	58						5V6	5	29	79					1
5AT8	5	14	77						5GJ7	5	22	62						5V9	5	42	31	5	6	12	3	16
5AU4	5	33	18						5GM5	5	1	64						5W4	5	33	32					1
5AV8	5	39	40	4	5	8	8	25	5GS7	5	14	80						5X4	5	38	47	8	7	12	3	16
5AW4	5	33	17						5GX6	5	1	85						5X8	5	12	73					1
5AZ4	5	37	53	8	2	12	4	14	5HX7	5	22	76						5X9	5	42	30	5	6	12	3	16
5B8	5	38	30	4	5	8	2	19	5HA7	5	38	35	1	12	5	9	9	5Y3	5	33	32					1
5BC3	5	44	*33	1	3	8	8	19	5HB7	5	22	75														2
			**33	1	3	8	8	19																		2

\*Normally shows short position 2-3-8.  
\*\*Normally shows short position 2-3-8-6.

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

4HG8-5Y3

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-tivity	A	B	C	D	Test Pos.				
574	6	38	32	8	7	12	3	1	GAL9	6	36	28	1	12	12	5	1	GAX8	6	11	73					1				
5Z4	5	33	12	8	7	12	9	1	GAL11	6	36	31	1	12	12	11	1	GAY3	6	44	27	5	4	7	2	1				
5Z10	5	33	16					1	GAM4	6	39	*95	8	7	1	5	1	GAY3B	6	44	27	5	4	7	2	1				
			16					1	*Normally shows short position 3-4-6-9.									GAY11	6	36	30	1	12	12	5					1
GAB	6	38	45	7	2	1	5	1	GAM5	6	41	34	4	3	12	1	1		60	1	12	12	6				1			
GAB4	6	2	83					1	GAM6	6	41	39	4	3	12	1	1		30	1	12	12	3				1			
GAB7	6	30	74					1	GAM8	6	39	30	5	4	12	2	2		80	1	12	12	10				1			
GAB8	6	39	37	5	4	12	9	1	GAN4	6	41	*30	4	3	2	6	1		32	5	5	4	12	6			1			
GAC5	6	38	44	5	4	12	2	1	*May show short position 1-7.									GAZB	6	38	96	5	4	12	9					1
GAC7	6	30	60	7	2	12	5	1	GAN5	6	41	26					1		64	6	38	95	7	2	12	5	1			
GAC9	6	36	28	1	12	3	9	2	GAN6	6	41	52	7	1	12	2	1		58	6	38	57	7	2	12	10	1			
			45	1	12	9	2	1	GAN8	6	13	62	7	1	12	4	1		58	6	38	57	7	2	12	10	1			
GAC10	6	36	35	1	12	2	3	1	GAO4	6	41	*29	4	3	8	1	1		55	6	38	55	7	2	12	10	1			
			32	1	12	12	7	1	*Normally shows short position 2-5.									GB10	6	36	65	7	2	12	4					1
GAD7	6	36	54	7	2	12	5	1	GAO5	6	3	77					1		65	6	36	65	7	2	12	5	1			
			62	7	2	12	1	1	GAO6	6	6	89					1		34	6	41	53	3	4	12	10	1			
GAD10	6	36	30	1	12	12	3	1	GAD7	6	38	45	8	7	12	4	1		33	6	41	33	3	4	12	7	1			
			33	1	12	12	8	1	GAD8	6	8	70					1		33	6	41	33	3	4	12	2	1			
GAF3	6	15	12					1	GAD9	6	3	91					1		33	6	41	33	3	4	12	7	1			
GAF4	6	41	*24	4	3	2	6	1	GAE5	6	3	8	8	12	7	1	1		33	6	41	33	3	4	12	7	1			
			27	5	6	7	1	1	GAE6	6	28	33	8	8	12	7	1		33	6	41	33	3	4	12	7	1			
GAF9	6	42	27	5	6	7	1	1	GAE8	6	39	30	5	4	12	6	1		33	6	41	33	3	4	12	7	1			
			27	5	6	2	8	1	GAE9	6	36	25	1	12	12	5	1		33	6	41	33	3	4	12	7	1			
GAF11	6	36	31	1	12	12	11	1	GAF5	6	3	81					1		33	6	41	33	3	4	12	7	1			
			31	1	12	12	6	1	GAF6	6	28	33	8	8	12	7	1		33	6	41	33	3	4	12	7	1			
GAG5	6	1	35	1	12	12	9	1	GAF8	6	39	30	5	4	12	6	1		33	6	41	33	3	4	12	7	1			
GAG7	6	30	38					1	GAF9	6	36	28	1	12	12	10	1		33	6	41	33	3	4	12	7	1			
GAG9	6	36	30	1	12	12	5	1	GAF11	6	36	31	1	12	12	11	1		33	6	41	33	3	4	12	7	1			
			28	1	12	12	11	1	GAG5	6	4	55					1		33	6	41	33	3	4	12	7	1			
GAG11	6	36	28	1	12	12	8	1	GAG6	6	1	77					1		33	6	41	33	3	4	12	7	1			
			28	1	12	12	5	1	GAG7	6	28	35	8	7	12	1	1		33	6	41	33	3	4	12	7	1			
GAH4	6	38	33	7	2	12	1	1	GAG8	6	39	31	5	4	12	2	2		33	6	41	33	3	4	12	7	1			
			33	1	12	12	9	1	GAG9	6	39	32	5	4	12	6	1		33	6	41	33	3	4	12	7	1			
GAG6	6	1	58					1	GAS11	6	36	28	1	12	12	11	1		33	6	41	33	3	4	12	7	1			
GAG7	6	38	48	8	7	12	1	1	GAT6	6	6	85					1		33	6	41	33	3	4	12	7	1			
			48	8	7	12	6	1	GAT8	6	14	77					1		33	6	41	33	3	4	12	7	1			
GAG9	6	36	37	1	12	5	2	1	GAT9	6	14	55					1		33	6	41	33	3	4	12	7	1			
			30	1	12	5	4	1	GAU4	6	34	10					1		33	6	41	33	3	4	12	7	1			
GAJ4	6	39	*24	6	7	1	5	1	GAU5	6	28	71					1		33	6	41	33	3	4	12	7	1			
			36	4	3	2	1	1	GAU6	6	1	82					1		33	6	41	33	3	4	12	7	1			
GAJ5	6	41	36	4	3	2	1	1	GAU7	6	8	75					1		33	6	41	33	3	4	12	7	1			
GAJ7	6	30	60					1	GAU8	6	12	56					1		33	6	41	33	3	4	12	7	1			
GAJ8	6	39	85	5	4	12	1	1	SAV5	6	28	62					1		33	6	41	33	3	4	12	7	1			
			39	5	4	12	9	1	SAV6	6	6	91					1		33	6	41	33	3	4	12	7	1			
GAJ9	6	42	29	5	6	12	3	1	GAV11	6	36	30	1	12	12	7	1		33	6	41	33	3	4	12	7	1			
			33	5	6	12	10	1				30	1	12	12	9	1		33	6	41	33	3	4	12	7	1			
GAJ5	6	1	63					1	GAW8	6	12	44					1		33	6	41	33	3	4	12	7	1			
GAJ6	6	1	82					1	GAX2	6	24	88					1		33	6	41	33	3	4	12	7	1			
GAJ7	6	30	38					1	GAX3	6	36	90	1	12	10	4	1		33	6	41	33	3	4	12	7	1			
GAJ8	6	17	90					1	GAX4	6	34	13					1		33	6	41	33	3	4	12	7	1			
GAJ9	6	36	33	1	12	6	10	1	GAX5	6	38	44	7	2	1	5	1		33	6	41	33	3	4	12	7	1			
			35	1	12	6	3	1	GAX7	6	8	*85					1		33	6	41	33	3	4	12	7	1			
GAJ10	6	36	31	1	12	6	8	1				*85					1		33	6	41	33	3	4	12	7	1			
			32	1	12	12	9	1									1		33	6	41	33	3	4	12	7	1			
GAJ11	6	36	52	1	12	12	9	1									1		33	6	41	33	3	4	12	7	1			
			32	1	12	12	11	1									1		33	6	41	33	3	4	12	7	1			
BAL3*	6	40	50	5	4	7	3	1									1		33	6	41	33	3	4	12	7	1			
			33	3	4	12	7	1									1		33	6	41	33	3	4	12	7	1			

\*If no test, use alternate settings.

\*Tube good if it reads 22 or more.

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

A Use TC-75 Adapter

574-6B8

**B & K DYNA-JET MODEL 70/ TUBE CHART**

TUBE TYPE	Heater	Socket	Sens. Unity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens. Unity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens. Unity	A	B	C	D	Test Pos.			
6BH11	6	36	27	1	12	12	4	1	6BW8	6	39	33	5	4	2	6	1	6CJ6	6	36	*32	5	4	7	2	1			
			27	1	12	12	6	1				34	5	4	7	1					*Normally shows short position 1-6-8.					1			
			27	1	12	12	8	1				34	5	4	7	3					6CK3	6	44	25	4	5	7	2	1
6BJ3	6	36	26	1	12	12	10	1	6BW11	6	36	30	1	12	12	3	1				6CK4	6	38	34	7	2	1	3	1
6BJ6	6	1	81	1	12	4	10	1				30	1	12	12	11	1			6CK6	6	39	30	5	4	12	2	1	
6BJ7	6	39	33	5	4	12	2	1	6BA6	6	9	76								6CL3	6	44	27	4	5	2	7	1	
			33	5	4	12	2	1	6BK7	6	25	55								6CL5	6	26	54					1	
			33	5	4	12	2	1				56								6CL6	6	38	*32	5	4	2	6	1	
6BJ8	6	39	38	5	4	12	2	1	6BX8	6	39	33	5	4	12	7	1				*Normally shows short position 3-8.					1			
			34	5	4	12	1	1				33	5	4	12	7	1			6CL8	6	14	69					1	
			34	5	4	12	1	1	6BY5	5	38	38	7	2	12	4	1									2			
6BK4A	6	38	78	7	2	6	5	1				38	7	2	12	5	1			6CM4	6	44	39	4	5	2	7	1	
6BK4AA	6	38	78	7	2	6	5	1	6BY6	6	1	83								6CM4	6	40	29	4	5	3	6	1	
6BK4BA	6	38	78	7	2	6	5	1	6BY7	6	9	62								6CM5	6	27	58					1	
6BK5	6	10	53					1	6BY8	6	39	34	5	4	12	1	1			6CM6	6	16	64					1	
6BK6	6	6	86					1				34	5	4	12	6	1			6CM7	6	19	50					1	
			70					2	6BY11	6	36	32	1	12	12	3	1									2			
6BK7	6	8	55					2				32	1	12	12	8	1			6CM8	6	39	33	5	4	12	2	1	
			55					2	6BZ3	6	36	30	1	12	4	10	1			6CN6	6	29	*62					1	
6BK11	6	36	35	1	12	12	7	1	6BZ6	6	1	61									*For Plate Cap Use Jack Next to Socket 25.					1			
			35	1	12	12	9	1	6BZ7	6	8	53								6CN7	6	18	94					1	
			35	1	12	12	11	1				53														2			
6BL4	6	34	10					1	6BZ8	5	8	55								6CQ4	6	34	11					1	
6BL7	6	25	57					2				55								6CQ6	6	41	35	4	3	12	1	1	
			57					2	6C4	6	41	41	4	3	1	6	1			6CQ8	6	11	72					1	
6BL8	6	11	66					1	6C5	6	29	69	7	2	12	5	1									2			
			65					2	6C8	6	38	48	7	2	12	10	1			6CR6	6	41	39	4	3	12	7	1	
6BM9	6	39	33	5	4	12	8	1				48	7	2	12	10	1			6CR8	6	41	39	4	3	12	7	1	
			39	5	4	12	8	1	6C9	6	39	28	5	4	6	1	1									1			
6BN4	6	41	*33	4	3	2	7	1				28	5	4	10	7	1			6CR8	6	39	*32	5	4	12	2	1	
								1	6C10	6	36	42	1	12	12	7	1				*34 5 4 12 9					1			
6BN5	6	39	*39	5	4	1	2	1				42	1	12	12	9	1			6CS6	6	1	94					1	
								1	6C16	6	11	66									6CS7	6	20	96					1
6BN6	6	7	75					1				55														2			
6BN8	6	39	35	5	4	12	8	1	6C18	6	39	30	4	5	8	7	1			6CT3	6	39	32	4	5	6	2	1	
			35	5	4	12	8	1				33	4	5	8	9	1			6CU5	6	4	47					1	
			35	5	4	12	8	1	6C31	6	41	*80	4	3	1	7	1			6CU6	6	27	69					1	
6BN11	6	36	29	1	12	12	7	1				*80	4	3	1	7	1			6CU8	6	39	32	5	4	1	7	1	
			29	1	12	12	7	1													*Normally shows short position 5-8.					1			
6BQ5	6	23	68					1	6CA4	6	39	34	5	4	12	1	1			6CW4	6	43	*87	10	12	12	2	1	
			68					1				34	5	4	12	7	1				*For grid emission turn D switch to position 4.					1			
6BQ6	6	27	69					1	6CA5	6	4	55								6CW5	6	23	68					1	
6BQ7	6	8	54					1	6CA7	6	29	53								6CW7	6	39	33	5	4	7	2	1	
6BR3	6	15	10					1	6CA11	6	36	35	1	12	8	3	1									1			
6BR8	6	14	72					1				33	1	12	8	6	1			6CX8	6	12	45					1	
			65					2	6CB5	6	26	43														1			
6BS3	6	44	27	4	5	2	7	1	6CB6	6	1	64								6CY5	6	1	54					1	
6BS3A	6	44	27	4	5	2	7	1	6CCYZ	6	39	29	9	1	12	3	1			6CY7	6	39	31	5	4	2	3	1	
6BS8	6	8	54					2				29	9	1	12	7	1									1			
			54					2	6CC31	6	2	60								6CZ5	6	16	60					1	
6BT6	6	6	85					1				60								6D1	6	41	43	4	3	1	6	1	
			78					1	6CD3	6	36	*27	1	12	4	10	1			6D2	6	41	33	3	4	12	2	1	
6BT8	6	39	33	5	4	12	8	1				60														1			
			54	5	4	12	2	1	*Some tubes may show short position 5-8-8-8.										6D4	6	41	43	4	3	12	1	1		
			54	5	4	12	2	1	6CD6	6	26	53									6D8	6	38	43	7	2	12	5	1
6BU6	6	6	85					1	6CE3	6	36	25	1	12	4	10	1			6D10	6	36	32	1	12	12	7	1	
			80					1	6CE5	6	1	62															1		
6BU8	6	21	92					1	6CF6	6	1	60														1			
			92					1	6CG3	6	36	30	1	12	4	10	1									1			
6BV8	6	39	31	5	4	12	2	1	6CG7	6	8	76								6DA4	6	34	11					1	
			33	5	4	12	8	1				76														1			
			33	5	4	12	8	1	6CG8	6	14	73								6DB8	6	16	30					1	
6BV11	6	36	30	1	12	12	6	1				57								6DC6	6	1	67					1	
			30																										



## B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater Socket	Sensitivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater Socket	Sensitivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater Socket	Sensitivity	A	B	C	D	Test Pos.	
6DE7	6 20	41					1	6ED4*	6 44	*52	4	5	12	8	1	6FE5	6 29	37					1	
6DG6	6 29	38					1	*Normally shows short position 2-3-6-7-8.																
6DJ8	6 39	31	5	4	12	2	1	6EF4*	6 36	76	1	12	6	4	1	6FG5	6 41	31	4	3	2	1	1	
		31	5	4	12	7	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.																
6DK3	6 44	31	4	5	2	7	1								6FHS	6 41	33	4	3	1	2	1		
6DK6	6 1	61					1	*Normally shows short position 2-9.																
6DL3	6 44	29	4	5	7	2	1	6EH4*	6 36	86	1	12	6	4	1	6FJ7	6 36	36	1	12	12	10	1	
6DL4	6 39	*85	4	5	7	8	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 1-3-6-8.																								
6DL5	6 3	88					1	*Normally shows short position 2-5-9-11.																
6DM4	6 34	11					1	6EH5	6 4	57					6FM8	6 39	47	5	4	12	8	1		
6DN3	6 44	31	4	5	2	7	1	6EH7	6 9	40					6FQ5	6 41	33	4	3	1	2	1		
6DN6	6 26	47					1	6EH8	6 12	71					6FQ5A	6 41	31	4	3	1	2	1		
6DN7	6 25	56					1	Use 6EF4 settings. May show short position 2-9-11.																
		77					2	6EJ4*							6FQ7	6 8	68					1		
6DQ3	6 36	30	1	12	4	10	1	6EJ7	6 9	58					6FR7	6 39	24	4	5	2	8	1		
6DQ4	6 34	11					1	6EL4A	6 38	78	7	2	8	8	1	6FS5	6 1	99				1		
6DQ5	6 26	55					1	6EM5	6 16	53					6FV6	6 1	54				1			
6DQ6	6 27	65					1	6EM7	6 35	32	8	7	12	1	6FV8	6 14	85				1			
6DQ6B	6 27	62					1	6EN4	6 38	*40	7	2	6	5	1	6FW5	6 25	57				1		
6DR4	6 41	43	4	3	1	6	1	*Normally shows short position 1-3-4-8.																
6DR7	6 39	32	4	5	2	3	1	*Tube good if it reads 40 or more.																
		40	4	5	2	7	1	6EQ7	6 39	34	5	4	12	2	1	6FW8	6 8	30				1		
6DR8	6 39	31	5	4	12	2	1	6ER5	6 41	33	4	3	1	2	1	6FY5	6 41	39	4	3	1	2	1	
		62	5	4	12	7	1	6ES5	6 41	33	4	3	1	2	1	6FY7	6 36	25	1	12	12	3	1	
6DS4	6 43	*87	10	12	12	2	1	6ES8	6 8	30					1	6G5	6 29	94				1		
*For grid emission turn D switch to position 4.																								
6DS5	6 3	76					1	6ET6	6 41	30	4	3	12	1	1	6G11	6 36	33	1	12	12	3	1	
6DS8	6 39	30	5	4	12	2	1	6ET7	6 39	30	5	4	12	7	1	6G83A	6 27	65				1		
		34	5	4	12	9	1	6EU7	6 39	35	2	1	12	5	1	6G85*	6 44	*25	4	5	2	1		
6DT3	6 36	31	1	12	4	10	1	6EUB	6 39	32	5	4	12	2	1	*Normally shows short position 3-6-7-8.								
6DT4	6 34	11					1	6EV5	6 1	57					6G86	6 27	64				1			
6DT5	6 16	45					1	6EV7	6 8	78					6G87	6 27	58				1			
6DT6	6 1	91					1	6EW6	6 1	77					6G89	6 27	64				1			
6DT8	6 8	71					1	6EW7	6 20	87					6GC5	6 16	26				1			
		71					2	6EX6	6 26	42					6GC6	6 26	52				1			
6DU3	6 36	30	1	12	4	10	1	6EX7	6 29	85					6GD7	6 14	74				1			
6DW4	6 44	27	4	5	2	7	1	6EZ5	6 29	85					6GE5	6 36	*24	1	12	11	3	1		
6DW5	6 16	30					1	6EZ8	6 39	33	5	4	12	2	*Normally shows short position 4-10.									
6DX4	6 41	*62	3	4	1	7	1	6F5	6 38	40	7	2	1	10	6GE8	6 39	33	5	4	12	3	1		
*Normally shows short position 2-6.																								
6DX8	6 39	26	4	5	12	8	1	6F6	6 29	91					6GF5	6 36	*24	1	12	11	3	1		
		28	4	5	12	1	1	6F8	6 38	45	7	2	12	5	*Normally shows short position 4-10.									
6DY4	6 41	*24	4	3	2	6	1	6F10	6 30	60					6GF7	6 44	27	4	5	12	2	1		
*Normally shows short position 1-7.																								
6DY5	6 23	68					1	6F21	6 41	35	4	3	12	1	1	6GF7A	6 44	27	4	5	12	2	1	
6DZ4	6 41	*31	3	4	6	2	1	6F22	6 39	40	5	4	2	9	1	6GH8	6 11	68				1		
*Normally shows short position 1-7.																								
6DZ7	6 36	40	7	2	12	1	1	6F29	6 9	40					6GJ5	6 35	65				1			
		40	7	2	12	5	1	6F31	6 1	78					6GJ5A	6 35	65				1			
6DZ8	6 39	27	4	5	8	3	1	6F33	6 1	77					6GJ7	6 22	82				1			
		30	4	5	2	1	1	6F36	6 1	58					6GJ8	6 11	70				1			
6EB	6 38	45	7	2	1	5	1	6F40	6 39	39	5	4	2	9	1	6GK5	6 41	25	4	3	1	2		
*Normally shows short position 2-5-9-11.																								
6EA4*	6 36	80	1	12	6	4	1	6FA7	6 39	33	5	4	12	3	1	6GK6	6 9	40				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.																								
6EA5	6 1	80					1	6FC7	6 39	29	4	5	7	2	1	6GK17	6 34	12				1		
6EA7	6 38	35	8	7	12	1	1	6FD6	6 41	28	3	4	2	1	1	6GL7	6 25	54				1		
6EA8	6 11	71	8	7	12	4	1	6FD7	6 39	25	4	5	2	3	1	6GM5	6 39	*25	4	5	2	6		
		56					2	*May show short position 3-8.																
6EB5	6 41	53	3	4	12	2	1																	
6EB8	6 12	35	3	4	12	7	1																	
		99					2																	
6EC4*	6 38	32	7	8	2	5	1																	

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

**6DE7-6GM5**

**B & K DYNA-JET MODEL 70/ TUBE CHART**

TUBE TYPE	Heater	Socket	Sens. Unit	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens. Unit	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens. Unit	A	B	C	D	Test Pos.
6GN6	6	1	04					1	6GU7	6	38	*78	4	5	1	7	1	6JG5	6	12	29					1
6GN8	6	38	33	5	4	12	2	1	*For grid emission turn O switch to position 2			30	4	5	1	9	1	6JG6	6	35	56					1
6GN7	6	9	21	5	4	12	7	1	6GU8	6	39	29	5	4	12	2	1	6JG8A	6	35	56					1
6GN8	6	12	36					1			31	5	4	12	8	1	1	6JH5	6	36	*32	1	12	11	2	1
																		*Normally shows short position 3-7-8-10.								
6GQ7	6	39	24	4	5	3	2	1	6HK5	6	9	56					1	6JH6	6	1	64					1
			24	4	5	3	2	1	6HLS	6	39	30	4	5	1	2	1	6JH8	6	39	26	4	5	12	6	1
			24	4	5	3	2	1	6HL8	6	11	60					1	6K5	6	36	*32	1	12	11	2	1
6GS7	6	14	80					1			60						1	*Normally shows short position 3-7-8-10.								
									6HM5	6	5	57					1	6JK6	6	1	61					1
6GS8	6	21	95					1	6HM6	6	9	68					1	6JN8	6	8	54					1
			95					1	6HQ5	6	5	55					1				55				2	
6GT5	6	35	63					1	6HR3	6	3	77					1	6JL6	6	1	23					1
6GT5A	6	35	63					1	6HR6	6	1	71					1	6JL8	6	12	40					1
6GU5	6	41	27	3	4	2	1	1	6HS5	6	36	*30	1	12	11	2	1				70				2	
6GU7	6	8	56					1			68						1	6JM6	6	36	26	1	12	4	5	1
			56					1	6HS8	6	21	99					1	6JN6	6	36	27	1	12	4	11	1
6GV5	6	36	*26	1	12	5	9	1			98						1	6JN8	6	14	67					2
*Normally shows short position 3-4-7-10-11.									6HT5	6	36	*52	1	12	2	6	1	6JOG	6	39	*34	4	5	8	7	1
6GV7	6	39	30	4	5	8	7	1			90						1	*57 4 5 8 6 1								
			35	4	5	8	9	1	6HT6	6	9	60					1	*May show short position 2-3.								
6GV8	6	39	25	4	5	12	9	1	6HUS	6	39	52	4	5	2	1	1	6JRG	6	35	50					1
			25	4	5	12	2	1	6HUS	6	39	29	4	5	12	2	1	6JS6	6	36	*29	1	12	9	5	1
6GWS	6	41	29	3	4	8	2	1			29	4	5	12	6	1	1	*Normally shows short position 3-4-10-11								
6GW6	6	27	62					1	6HVS	6	36	*33	1	12	2	11	1	6JT6	6	35	65					1
6GW8	6	39	25	4	5	2	8	1			32	4	5	12	6	1	1	6JT6A	6	35	65					1
			35	4	5	7	1	1	6HW8	6	36	*30	1	12	2	11	1	6JTB	6	12	26					1
6GX6	6	1	85					1	6HZ5	6	36	*30	1	12	2	11	1	*Tube good if reads 60 or more.								
6GX7	6	22	76					1			83						1	6JU6	6	35	55					1
			73					1	6HZ6	6	1	26					1	6JUS	6	39	*32	4	5	2	1	1
6GY5	6	36	*25	1	12	5	9	1	6JZ8	6	12	75					1	**32 4 5 8 7 1								
*Normally shows short position 3-4-7-10-11.									6J4	6	41	*85	4	3	1	7	1	*Normally shows short position 8.								
6GY6	6	1	82					1									1	*Normally shows short position 2.								
6GY8	6	39	*32	5	4	12	1	1	6J5	6	29	93					1	*Normally shows short position 2.								
			*34	5	4	12	6	1	6J6	6	2	60					1	**32 4 5 8 7 1								
*Normally shows short position 4.									6J7	6	38	60					1	*Normally shows short position 8.								
6GZ5	6	41	30	3	4	2	5	1	6J9	6	39	26	4	5	12	2	1	**Normally shows short position 2.								
6H5	6	38	48	7	2	1	3	1			26	4	5	12	9	1	6JVA	6	12	55					1	
			48	7	2	1	5	1	6J7	6	38	50	7	2	1	10	1				85					2
6H31	6	1	91					1	6J9	6	39	26	4	5	12	2	1	6JWB	6	11	80					1
6HA5	6	5	56					1			26	4	5	12	7	1	1				85					2
6HA6	6	9	23					1	6J10	6	36	96	1	12	12	6	1	6JXB	6	22	88					1
6HB5	6	36	*25	1	12	11	3	1	6J11	6	36	22	1	12	12	5	1	6JX8	6	22	93					2
*Normally shows short position 4-10.									6JA5	6	36	*33	1	12	9	2	1	6JY8	6	12	40					1
6HB6	6	9	20					1			22	1	12	12	11	1	1	6JZ6	6	36	*31	1	12	9	5	1
6HB7	6	22	75					1	6JAB	6	39	25	4	5	12	7	1	*Some tubes may show short position 3-4-10-11.								
			75					1	6J85	6	36	*35	1	12	9	2	1	6JTB	6	36	29	1	12	6	7	1
6HD5	6	36	*27	1	12	3	11	1			95	4	5	12	9	1	1	*Normally shows short position 3-4-10-11.								
*Normally shows short position 4-5-9-10.									6J86	6	35	62					1	6K6	6	29	92					1
6HD7	6	35	30	4	5	1	2	1	6J86A	6	35	52					1	6K7	6	38	52	7	2	1	10	1
			30	4	5	1	9	1	6J85	6	36	*32	1	12	9	2	1	6K8	6	38	35	7	2	1	5	1
6HE5	6	36	*32	1	12	9	2	1			62						1	6K11	6	36	36	1	12	12	7	1
*Normally shows short position 3-4-10-11.									6J86	6	9	65					1	38 1 12 12 11 1								
6HE7	6	36	27	1	12	10	2	1	6J86A	6	9	59					1	6KAB	6	39	26	4	5	12	6	1
			77	1	12	10	9	1	6J88	6	39	24	4	5	1	2	1	33 4 5 12 2 1								
6HF5	6	36	*25	1	12	9	5	1			24	4	5	1	8	1	1	6KDS	6	36	*26	1	12	9	5	1
*Normally shows short position 3-4-8-10-11.									6JD5	6	36	*30	1	12	2	11	1	*Normally shows short position 3-4-10-11.								
6HF8	6	12	27					1			61						1	6KDB	6	11	69					1
			80					1	6JD6	6	9	61					1	6KES	6	11	52					2
6HG5	6	3	45					1	6JF6A	6	35	59					1	52								
6HG8	6	39	25	4	5	3	2	1	6JF8	6	35	59					1	28								
			25	4	5	1	6	1	6JF8C	6	35	52					1	53								
6HI5	6	36	*27	1	12	3	11	1	6JF8	6	12	56					1	6KFS	6	21	92					1
*Normally shows short position 4-5-9-10.									6JF6	6	44	*26	4	5	2	6	1	92								
											78						1	*Normally shows short position 2-3-6-7.								
									*Normally shows short position 1-7																	

487-014-0174 RR WERNER - 7 \*Normal Shorts refer to position of "D" Switch. ⊕Use TC-80 Adapter. ⊕Use TC-75 Adapter. **6GM6-6KG6**

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Denal- tivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Denal- tivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Denal- tivity	A	B	C	D	Test Pos.		
6KL8	6	39	31	4	5	12	2	1	6L06	6	35	52					1	6MX8	6	44	27	4	5	12	2	1		
			70	4	5	12	8	1	6L08	6	12	31					1	6MY8	6	36	27	1	12	8	7	1		
6KM6	6	35	53					1	6LR6	6	36	*32	1	12	9	5	1	6N3	6	39	29	4	5	8	9	1		
6KMS	6	39	31	4	5	12	7	1	*May show short position 3-4-7-10-11.										6N7	6	36	47	7	2	1	4	1	
			75	4	5	12	4	1	6LRS	6	44	31	4	5	12	2	1	6N8	6	39	57	5	4	12	2	1		
6KNG	6	36	*30	1	12	9	5	1	6LTS	6	39	27	4	4	5	12	1	6N7G1	6	30	84					1		
*Normally shows short position 3-4-10-11.									6LTS	6	39	27	4	4	5	12	1	6P5	6	29	93					1		
6KNS	6	39	86	4	5	12	1	1	6LVS	6	36	*31	1	12	8	10	1	6P15	6	23	66					1		
			90	4	5	12	6	1	*May show short position 3-4-7-10-11.										6Q7	6	36	40	7	2	1	10	1	
6KRS	6	12	22					1	6LWS	6	38	*31	7	8	1	5	1	6Q8	6	30	45	7	2	1	5	1		
			58					2	*Normally shows short position 2-8.										6Q11	6	36	38	1	12	12	7		1
6KRSB	6	12	22					1	6LX8	6	11	80					1	6R3	6	39	33	5	4	2	9	1		
			59					1	6LY8	6	12	21					2	6R4	6	39	36	4	5	12	1	1		
6KSS	6	7	83					1	*Tube good if it reads 28 or more.										6R7	6	36	52	7	2	1	10	1	
6KSSB	6	12	33					1	6LZ5	6	35	53					1	6R8	6	17	86					1		
			84					2	6M11	6	36	25	1	12	12	2	1	*Tube good if it reads 40 or more.										
6KT6	6	9	52					1	*No short test.										6RAG	6	40	34	4	5	9	7		1
6KTS	6	12	67					1	6MAG	6	38	*58	3	8	2	6	1	6RAG	6	39	30	4	5	7	2	1		
			91					2	6MB6	6	36	*32	1	12	9	5	1	6RAG	6	39	32	4	5	6	3	1		
6KUS	6	39	22	4	5	12	7	1	*Normally shows short position 3-4-10-11.										6RHH2	6	8	53					1	
			60	4	5	12	2	1	6MB8	6	14	84					2	6RHH8	4	38	86	4	5	12	1	1		
6KY6	6	44	30	4	5	1	8	1	6MC6	6	35	46					1	6RHH8	4	38	90	4	5	12	6	1		
6KY8	6	12	22					1	6MUS	6	44	35	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
			82					2	*Normally shows short position 3-4-10-11.										6RHH8	4	38	96	4	5	12	1	1	
6KYS	6	44	30	4	5	1	8	1	6ME6	6	35	53					1	6RHH8	4	38	96	4	5	12	1	1		
6KY8A	6	44	27	4	5	12	2	1	6ME8	6	39	30	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
			39	4	5	12	9	1	6MFR	6	36	35	1	12	6	7	1	6RHH8	4	38	96	4	5	12	1	1		
6KZ8	6	39	26	4	5	12	2	1	6MGB	6	11	80					1	6RHH8	4	38	96	4	5	12	1	1		
6L5	6	30	53	7	2	6	5	1	*Normally shows short position 3-8.										6RHH8	4	38	96	4	5	12	1	1	
6L5	6	29	63					1	6MHT	6	41	*85	4	3	1	7	1	6RHH8	4	38	96	4	5	12	1	1		
6L7	6	38	44	7	2	1	10	1	*Normally shows short position 5-6.										6RHH8	4	38	96	4	5	12	1	1	
6L10	6	30	38					1	6MH6	6	36	*31	1	12	5	9	1	6RHH8	4	38	96	4	5	12	1	1		
6L12	6	8	70					1	*May show short position 3-4-7-10-11.										6RHH8	4	38	96	4	5	12	1	1	
			70					2	6MH3	6	2	56					1	6RHH8	4	38	96	4	5	12	1	1		
6L41	6	39	33	5	4	8	9	1	6ML8	6	36	35	1	12	7	8	1	6RHH8	4	38	96	4	5	12	1	1		
6L43	6	39	*32	5	4	2	9	1	*Normally shows short position 1-7.										6RHH8	4	38	96	4	5	12	1	1	
			71					2	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
6LB6	6	36	*30	1	12	9	5	1	6MNB	6	36	33	1	12	7	10	1	6RHH8	4	38	96	4	5	12	1	1		
*Normally shows short position 3-4-10-11.									6MLC	6	36	35	1	12	7	11	1	6RHH8	4	38	96	4	5	12	1	1		
6LBR	6	12	21					1	6MNB	6	36	33	1	12	7	10	1	6RHH8	4	38	96	4	5	12	1	1		
			71					2	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
6LCA	6	38	78	7	2	12	5	1	*May show short position 2-3-4-7-10-11.										6RHH8	4	38	96	4	5	12	1	1	
6LCA	6	38	78	7	2	12	5	1	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
			95					2	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
6LDB	6	14	35					1	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
6LDB	6	14	35					1	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
6LDB	6	11	68					1	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
			60					2	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
6LDB	6	11	68					1	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
			58					2	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
6LDB	6	11	68					1	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
			83					2	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
6LP12	6	39	53	5	4	12	3	1	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		
			39	5	4	12	1	1	6MLB	6	39	34	4	5	12	6	1	6RHH8	4	38	96	4	5	12	1	1		

\*Normal Shorts refer to position of "V" Switch.

6KL8-6SS7



# B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Serial- evity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Serial- evity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Serial- evity	A	B	C	D	Test Pos.
8CY5	8	1	54					1	8R-LP1	8	39	35	4	5	12	1	1	8R-AL1	9	39	33	4	5	2	3	1
8CY7	8	39	31	5	4	2	3	1	8SN7	8	25	78	4	5	12	3	1	8R-HR2	9	11	68					1
8D8	8	39	41	5	4	2	9	1	8U9	8	42	28	5	6	12	3	1	9U9	9	11	79					1
8DE7	8	20	81					1	8X9	8	42	32	5	6	12	10	1	9X8	9	12	73	5	6	12	3	1
8DX8	8	39	26	4	5	12	8	1	9AB	9	11	65	5	6	12	10	1	10AF11	10	38	31	1	12	12	11	1
8EB8	8	12	26	4	5	12	1	1	9AH8	9	36	37	1	12	5	2	1	10AL11	10	36	31	1	12	12	6	1
8EM5	8	16	53					1	9AK8	9	16	90	1	12	5	6	1	10BQ5	10	23	68					1
8E77	8	39	30	5	4	12	7	1	9AK10	9	36	32	1	12	12	7	1	10C8	10	19	59					1
8FG7	8	8	68	5	4	12	3	1	9AM10	9	36	34	1	12	12	9	1	10CW5	10	23	58					1
8GU7	8	22	62					1	9AG8	9	8	70	1	12	12	11	1	10D7	10	20	81	3	4	12	2	1
8GM6	8	1	64					1	9AH7	9	8	75	1	12	12	7	1	10D7	10	20	80	3	4	12	7	1
8GN8	8	12	36					1	9BJ11	9	36	75	1	12	12	6	1	10DR7	10	39	32	5	4	2	3	1
8GU7	8	8	56					1	9BR7	9	39	28	1	12	12	11	1	10DX8	10	39	26	4	5	12	8	1
8GX7	8	22	76					1	9BR8	9	14	72	5	4	9	7	1	10E/312	25	29	47	26	4	5	12	1
8HA6	8	9	23	4	5	3	2	1	9C8A	9	14	55	5	4	9	2	1	10E/349	6	29	79					1
8K8	8	39	25	4	5	1	6	1	9C18	9	14	69	5	4	9	7	1	10E/558	6	38	52	7	2	12	10	1
8K8	8	12	56					1	9D78	9	39	27	4	5	8	3	1	10E/11448	6	29	93					1
8K8	8	12	78					1	9E8	9	11	71	4	5	12	9	1	10E/11533	6	29	63					1
8K8	8	8	54					1	9E8	9	11	56					1	10E/11581	8	38	40	7	2	12	10	1
8K8	8	12	40					1	9ED4	9	44	52	4	5	12	9	1	10E88	10	12	35					1
8K8	8	12	70					1	9GN8A	9	11	68					1	10EG7	10	38	32	5	7	12	1	1
8K8	8	12	20					1	9GV8	9	39	25	4	5	12	9	1	10EM7	10	38	32	5	7	12	4	1
8K8	8	12	99					1	9HS6	9	1	66					1	10EW7	10	20	87					1
8K8	8	39	32	4	5	2	1	1	9J6	9	2	60					1	10FD7	10	39	25	4	5	2	3	1
8K8	8	12	32	4	5	8	7	1	9K8	9	36	33	1	12	7	8	1	10FR7	10	39	24	4	5	2	3	1
8K8	8	12	36	1	12	12	7	1	9K8	9	36	33	1	12	7	10	1	10G7	10	44	27	4	5	12	2	1
8K8	8	36	36	1	12	12	9	1	9K8	9	36	33	1	12	7	11	1	10GN8	10	11	68	4	5	12	9	1
8K8	8	39	38	1	12	12	11	1	9LW8	9	11	80					1	10K8	10	9	40					1
8K8	8	39	26	4	5	12	6	1	9KC6	9	39	25	4	5	12	2	1	10GM8	10	39	33	5	4	12	2	1
8K8	8	12	33	4	5	12	2	1	9K6	9	39	83	4	5	12	9	1	10GM8	10	39	33	5	4	12	7	1
8K8	8	12	84					1	9K6	9	39	83	4	5	12	9	1	10GN8	10	12	36					1
8K8	8	12	67					1	9K6	9	39	83	4	5	12	9	1	10GV8	10	36	25	4	5	12	8	1
8K8	8	39	24	4	5	3	6	1	9K6	9	39	83	4	5	12	9	1	10H46	10	9	73					1
8K8	8	39	24	4	5	6	2	1	9K6	9	39	83	4	5	12	9	1	10HF8	10	12	27					1
8K8	8	39	29	4	5	12	9	1	9K6	9	39	83	4	5	12	9	1	10IA5	10	38	33	1	12	9	2	1
8K8	8	9	44					1	9K6	9	39	83	4	5	12	9	1	10IA8	10	39	25	4	5	12	7	1
8K8	8	39	27	4	5	7	9	1	9K6	9	39	83	4	5	12	9	1	10IB8	10	12	20					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10IT8	10	12	20					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	10	12	22					1
8K8	8	39	32	4	5	1	6	1	9K6	9	39	83	4	5	12	9	1	10K8	1							

## B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Mount Socket	Serial-Unity	A	B	C	D	Test Pos.	TUBE TYPE	Mount Socket	Serial-Unity	A	B	C	D	Test Pos.	TUBE TYPE	Mount Socket	Serial-Unity	A	B	C	D	Test Pos.
10A08	10 39	22	4	5	12	7	1	12A06	12 41	42	4	3	12	1	1	12B-814	12 44	*33	4	5	1	2	1
		50	4	5	12	2	1	12AC10	12 36	32	1	12	12	7	1	*Normally shows short position 3-6-7-8.							
		60	4	5	12	3	1			32	1	12	12	9	1	12BC32	12 6	91					1
10L09	10 12	21					2	12A06	12 41	35	4	3	12	1	1			78					2
		71					2			35	4	3	12	1	1	12B06	12 1	85					1
10L06	10 9	51					1	12AD7	12 8	85					1	12B03	12 36	26	1	12	4	10	1
10L012	10 17	90					1			85					2	12B05	12 1	91					1
		95					1	12AL8	12 41	52	4	3	12	1	1	12B06	12 6	85					2
10LES	10 39	29	4	5	12	8	1			66	4	3	12	5	1	12B06	12 6	80					2
10LW8	10 12	25					1	12AF7	12 39	32	5	4	9	2	1	12BF11	12 36	25	1	12	12	3	1
		32					2			32	5	4	9	7	1			25	1	12	12	8	1
10LY8	10 12	21					2	12AE10	12 36	30	1	12	12	8	1	12B07	12 8	56					1
		*99					2			31	1	12	12	3	1			56					2
		*99					2	12AF3	12 15	12					1	12BK5	12 10	53					1
10LZ8	10 12	34					1	12AF6	12 41	37	4	3	12	1	1	12BK6	12 6	86					1
		*99					2	12AF6	12 41	37	4	3	12	1	1			70					2
		*99					2	12AF11	12 36	31	1	12	12	11	1	12BL6	12 41	35	4	3	12	1	1
10T10	10 36	28	1	12	12	8	1	12AG6	12 41	35	4	3	12	1	1	12BN6	12 7	75					1
		25	1	12	12	8	1	12AH7	12 38	48	3	7	12	1	1	12C06	12 27	69					1
10Z10	10 36	30	1	12	12	11	1			48	3	7	12	1	1	12SR3	12 15	10					1
		95	1	12	12	8	1	12A06	12 41	40	4	3	12	1	1	12B07	12 39	32	5	4	9	2	1
11AF9	10 42	27	5	6	7	1	1			40	4	3	12	1	1			36	5	4	9	6	1
		27	5	6	2	8	1	12A06	12 41	66	4	3	12	5	1			36	5	4	9	7	1
11AR11	12 36	28	1	12	12	5	1	12A06	12 41	66	4	3	12	6	1	12B33	12 44	27	4	5	2	7	1
		28	1	12	12	10	1	12A06	12 41	66	4	3	12	6	1	12BT3	12 36	27	1	12	4	10	1
11B08	12 39	33	5	4	12	3	1	12A06	12 41	66	4	3	12	6	1	12BT6	12 6	85					1
		39	5	4	12	1	1	12A06	12 41	66	4	3	12	6	1			78					2
11BN11	10 36	29	1	12	12	3	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	85					1
		29	1	12	12	7	1	12A06	12 41	66	4	3	12	6	1			80					2
11BQ11	10 36	28	1	12	12	5	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		28	1	12	12	10	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
11BT11	10 36	27	1	12	12	11	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		30	1	12	12	8	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
11C5	12 4	54	1	12	12	3	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		54	1	12	12	3	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
11CA11	10 36	35	1	12	8	3	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		33	1	12	8	6	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
11CF11	10 36	34	1	12	7	8	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		34	1	12	7	8	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
		34	1	12	8	11	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
11CH11	10 36	32	1	12	8	5	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
		31	1	12	6	11	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		34	1	12	8	5	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
11CY7	12 39	31	5	4	2	3	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		45	5	4	2	7	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
11D55	10 3	76					1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
11FY7	12 36	25	1	12	12	3	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
		42	1	12	12	10	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
11HM7	10 39	*29	4	5	6	2	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
		*29	4	5	6	2	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		*29	4	5	6	2	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
11JER	10 12	56					1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		78					2	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
11KVE	10 12	22					1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		82					2	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
11LQ8	12 12	31					1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		50					2	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
11L78	12 39	27	4	5	7	8	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		32	4	5	1	8	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
		82	4	5	1	8	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
11LY8	10 9	46					1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
11MS8	10 39	25	4	5	12	8	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
		25	4	5	12	2	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
11R3	10 39	33	5	4	2	9	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					1
11Y9	12 42	27	5	6	12	1	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6	80					2
		27	5	6	12	8	1	12A06	12 41	66	4	3	12	6	1	12B06	12 6						

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater Socket	Secal. SENSITIVITY	A	B	C	D	Test Pos.	TUBE TYPE	Heater Socket	Secal. SENSITIVITY	A	B	C	D	Test Pos.	TUBE TYPE	Heater Socket	Secal. SENSITIVITY	A	B	C	D	Test Pos.
12DF7	12 8	*85					1	12F5	12 38	40	7	2	12	10	1	12JN8	12 14	67					1
		*85					2	12F8	12 39	40	5	4	12	8	1	12JN8	12 39	*34	4	5	8	7	1
							3			62	5	4	12	1	1			*57	4	5	8	8	1
12DN8	12 39	31	5	4	12	7	1	12F31	12 1	78					1			*May show short position 2-3.					1
							2	12FK8	12 41	40	4	3	12	1	1	12J58	12 36	*29	1	12	9	5	1
12DN6	12 1	61					1			65	4	3	12	1	1			*Normally shows short position 3-4-10-11.					1
12DN7	12 39	53	5	4	8	6	1	12FM6	12 41	65	4	3	12	1	1	12J76	12 35	65					1
							2			65	4	3	12	1	1	12J76A	12 35	65					1
							3			68	4	3	12	5	1	12J78	12 36	29	1	12	6	7	1
12DL8	12 39	35	5	4	12	3	1	12FQ7	12 8	68					1	12JF5	12 36	*32	1	12	11	9	1
							2			68					1			*Normally shows short position 4-10.					1
							3	12FQ8	12 39	39	5	4	12	2	1	12K5	12 41	35	4	3	5	6	1
12DM4	12 34	11					1			39	5	4	12	7	1	12K7	12 38	52	7	2	12	10	1
12DM6	12 26	47					1	12FR8	12 39	*25	4	5	12	3	1	12K8	12 38	35	7	2	12	5	1
12DQ4	12 34	11					1			*37	4	5	12	1	1	12K8B	12 38	25	4	5	12	6	1
							2			*62	4	5	12	8	1	12K8B	12 38	33	4	5	12	2	1
12DQ6	12 27	65					1								1	12K8B	12 39	31	4	5	12	2	1
12DQ8B	12 27	62					1	12FS5	12 1	99					1	12L6	12 29	47					1
12DQ7	12 9	36					1	12FT8	12 41	52	4	3	12	1	1	12MD8	12 44	35	4	5	12	6	1
12DS7	12 39	34	5	4	12	3	1			66	4	3	12	5	1			35	4	5	12	6	1
		*85	5	4	12	1	1	12FV7	12 8	42					1	12MC8	12 44	27	4	5	12	2	1
		*85	5	4	12	9	1			42					1			35	4	5	12	6	1
							2	12FX5	12 4	58					1	12Q7	12 38	39	4	5	12	9	1
							3	12FX8	12 39	32	5	4	12	2	1			40	7	2	12	10	1
12DT5	12 16	45					1			28	5	4	12	6	1	12R5	12 41	39	4	3	2	5	1
12DT6	12 1	61					1	12G4	12 41	41	4	3	1	8	1	12R-K19	12 15	10					1
12DT7	12 8	*85					2	12G11	12 36	33	1	12	12	3	1	12R-LL3	12 8	55					1
							3			31	1	12	12	8	1	12R-LL5	12 8	55					1
							4	12G4B	12 41	36	4	3	12	1	1			55					1
							5	12G-83A	12 27	65					1	12S8	12 38	45	8	7	5	10	1
							6	12G-87	12 27	61					1			62	8	7	5	1	1
							7	12G5	12 16	26					1	12S7	12 38	49	6	7	12	4	1
							8	12G6	12 26	52					1			63	8	7	2	3	1
							9	12G65	12 38	*24	1	12	11	3	1	12SA7	12 38	37	7	2	12	5	1
							10	12G75	12 35	65					1	12SC7	12 38	48	6	7	12	4	1
12DW7	12 39	77	5	4	12	7	1	12GK17	12 34	12				1			48	6	7	12	4	1	
		77	5	4	12	7	1	12GR7	12 9	21				1	12SF5	12 38	41	8	7	12	3	1	
		49	5	4	8	7	1	12GT5A	12 35	63				1	12SF7	12 38	46	8	7	12	2	1	
		78	5	4	9	2	1	12GV5	12 36	*28	1	12	5	9	1			69	8	7	12	5	1
		78	5	4	9	2	1							1	12S97	12 30	77					1	
12DW8	12 39	35	5	4	12	3	1	12GWB	12 27	62					1	12SH7	12 30	77					1
		58	5	4	12	9	1	12WA	12 40	44	4	3	2	6	1	12SJ7	21 30	83					1
		59	5	4	12	1	1	12WB	12 38	48	7	2	12	3	1	12SK7	12 30	84					1
12DW4A	12 44	27	4	5	2	7	1	12X31	12 1	91				1	12SL7	12 25	*85						1
12DW5	12 16	30					1							1			*Tube good if it reads 22 or more.					2	
12DW7	12 8	75					2	12HB25	12 44	*38	4	5	1	2	1	12SN7	12 25	78					1
		*90					3							1			78						1
							4	12HE7	12 36	27	1	12	10	2	1	12SQ7	12 38	42	6	7	12	2	1
12DW8	12 39	32	5	4	12	2	1			27	1	12	10	8	1			71	8	7	12	4	1
		32	5	4	12	7	1	12HG7	12 9	23				1				71	8	7	12	5	1
							2	12H5	12 39	30	4	5	1	2	1	12SR7	12 38	46	8	7	12	2	1
12DY8	12 39	44	5	4	12	9	1	12HL7	12 39	*33	4	5	5	2	1			68	8	7	12	4	1
		30	5	4	12	1	1							1				68	8	7	12	5	1
		35	5	4	12	9	1	12J5	12 29	93					1	12SS7	12 30	97					1
12DZ6	12 41	33	4	3	12	1	1	12J7	12 38	50	7	2	12	10	1	12SW7	12 38	52	8	7	12	2	1
12DZ8	12 39	27	4	5	9	3	1	12J8	12 39	30	5	4	12	1	1			70	8	7	12	4	1
							2			35	5	4	12	8	1	12SX7	12 25	78					1
12E5	12 25	93					1			35	5	4	12	9	1			70	8	7	12	5	1
12E13	6 29	52					1	12JB6	12 36	62				1				78					1
12E48	12 41	52	4	3	12	1	1	12J6A	12 35	62				1	12SY7	12 38	39	7	2	12	5	1	
12EC8	12 39	30	5	4	12	9	1	12JN6	12 36	26	1	12	4	5	1	12T10	12 38	28	1	12	12	3	1
							2	12K98	12 39	29	4	5	12	2	1			25	1	12	12	8	1
12E95	12 4	57					1			29	4	5	12	8	1								1
12E96	12 41	36	4	3	12	1	1							1									1
12EH5	12 4	57					1							1									1
12EK6	12 41	31	4	3	12	1	1							1									1
12EL8	12 41	38	4	3	12	1	1							1									1
		68	4	3	12	3	1							1									1
		68	4	3	12	4	1							1									1
12EM6	12 38	34	5	4	12	1	1							1									1
		90	5	4	12	9	1																

## B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sens. - tivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens. - tivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens. - tivity	A	B	C	D	Test Pos.	
12V7	12	29	40	5	4	8	2	1	14L7	14	31	41	4	1	12	6	1	16A6	16	39	33	5	4	12	4	1	
12V6	12	29	79	5	4	8	7	1	14L7	14	31	68	4	1	12	4	1	16A6	16	39	38	5	4	12	4	1	
12W6	12	29	81	5	4	8	7	1	14F7	12	37	45	4	1	12	4	1	16A6	16	36	33	5	4	12	6	10	
12X4	12	41	44	4	3	12	1	1	14F8	12	37	49	4	1	12	5	1	16A6	16	36	35	5	4	12	6	9	
			44	4	3	12	6	1	14F8	12	37	30	7	2	12	1	1	16A6	16	36	31	5	4	12	6	8	
13CM5	12	27	57	4	3	12	2	1	14GT8	14	39	30	7	2	12	8	1	16AQ3*	16	40	30	5	4	7	3	1	
13CM4	14	43	*87	10	12	12	2	1	14GT8	14	39	32	5	4	12	8	1	*If no test, use alternate settings.									
*For grid emission turn D switch to position 4.									14GT8	14	39	35	5	4	12	2	2	16AQ3	16	40	30	5	4	7	3	1	
13D1	25	25	78	1	1	1	1	1	14GT8	14	39	35	5	4	12	2	2	16AQ3	16	36	28	1	12	12	5	5	1
			78	1	1	1	1	1	14GT8	14	39	35	5	4	12	2	2	16AQ3	16	36	28	1	12	12	5	5	1
13DE7	12	20	81	1	1	1	1	1	14GT8	14	39	35	5	4	12	2	2	16AQ3	16	36	28	1	12	12	5	5	1
			90	1	1	1	1	1	14GT8	14	39	35	5	4	12	2	2	16AQ3	16	36	28	1	12	12	5	5	1
13DF7	12	8	*85	1	1	1	1	1	14GT8	14	39	35	5	4	12	2	2	16AQ3	16	36	28	1	12	12	5	5	1
			*85	1	1	1	1	1	14GT8	14	39	35	5	4	12	2	2	16AQ3	16	36	28	1	12	12	5	5	1
*Tube good if it reads 22 or more.									14GT8	14	39	32	4	5	12	8	1	16AQ3	16	36	28	1	12	12	5	5	
13DR7	12	39	32	5	4	2	3	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			41	5	4	2	7	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13EM7	12	38	32	5	7	12	1	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			45	8	7	7	4	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13FD7	12	39	25	4	5	2	3	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			32	4	5	2	7	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13FG7	12	14	68	1	1	1	1	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			56	1	1	1	1	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13FM7	14	38	25	1	12	3	8	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			36	1	12	3	10	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13FR7	12	39	24	4	5	2	3	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			32	4	5	2	7	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13GM5	12	44	*25	4	5	2	7	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
*Normally shows short position 3-5-7-8.									14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13GF7	12	44	27	4	5	12	2	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			36	4	5	12	8	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13GF7A	12	44	27	4	5	12	2	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			36	4	5	12	8	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13J10	12	38	38	1	12	12	8	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			38	1	12	12	8	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13J78	12	12	28	1	12	12	11	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			*39	1	12	12	11	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
*Tube good if it reads 60 or more.									14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13JZ8	12	38	29	1	12	6	7	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			40	1	12	6	10	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13S17	12	30	63	1	12	12	3	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13V10	12	38	33	1	12	12	8	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			33	1	12	12	8	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
13Z10	12	38	30	1	12	12	11	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			35	1	12	12	11	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
14A4	12	37	41	1	12	12	6	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
14A5	12	37	34	1	12	12	8	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
14A7	12	37	45	1	12	12	6	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
14AF7	12	37	41	1	12	12	4	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			41	1	12	12	4	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
14B6	12	37	40	1	12	12	5	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			40	1	12	12	5	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			66	1	12	12	5	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			66	1	12	12	5	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
14B8	12	37	42	1	12	12	4	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			42	1	12	12	4	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
14BF11	14	36	25	1	12	12	3	1	14GT8	14	39	27	4	5	12	2	2	16AQ3	16	36	28	1	12	12	5	5	
			25	1	12	12	3	1	1																		



## B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sens.-ivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-ivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-ivity	A	B	C	D	Test Pos.
17CL3	17	44	27	4	5	2	7	1	18A5	18	28	69					1	20LF6	20	36	*31	1	12	5	9	1
17CG4	17	34	11					1	18AJ10	18	36	32	1	12	4	3	1	21A6	22	39	*32	5	4	7	2	1
17CT3	17	39	32	4	5	6	2	1	18AK5	18	1	83					1	21AK8	22	1	82					1
17CU5	17	4	47					1	18AQ5	18	3	77					1	21EX6	22	28	42					1
17D4	17	34	11					1	18C51	18	39	29	9	1	12	3	1	21GY5	22	36	*25	1	12	5	9	1
17DE4	17	34	13					1	18D28	18	39	27	4	5	8	3	1	21N86	22	36	*25	1	12	11	3	1
17DM4	17	34	11					1	18FW6	18	1	79					1	21ND5	22	36	*27	1	12	3	11	1
17DQ4	17	34	11					1	18FX6	18	1	92					1	21NUS	22	36	*27	1	12	3	11	1
17DQ6	17	27	65					1	18FY6	18	6	84					2	21J56	22	36	*29	1	12	9	5	1
17DQ6B	17	27	62					1	18G85	18	44	*25	4	5	2	1	1	21JG6	22	36	*29	1	12	9	5	1
17GW4A	17	44	27	4	5	2	7	1	18G06	18	1	80					1	21JN6	22	36	28	1	12	4	11	1
17GWS	17	8	65					2	18G66	18	6	78					2	21JZ6	22	36	*29	1	12	9	5	1
17FY7	17	36	25	1	12	12	3	1	18G85	18	44	*25	4	5	2	1	1	21KA6	22	36	*30	1	12	9	5	1
17GE5	17	36	*24	1	12	11	3	1	18G06	18	1	80					1	21KQ6	22	44	*29	4	5	1	8	1
17GI5	17	35	65					1	18G66	18	6	78					2	21LGG	22	36	*32	1	12	9	5	1
17GJA	17	35	85					1	18G85	18	44	*25	4	5	2	1	1	21LR8	22	44	31	4	5	12	2	1
17GT5	17	35	63					1	18G06	18	1	80					1	21LUB	22	36	27	1	12	6	7	1
17GT5A	17	35	63					1	18G66	18	6	78					2	21MY8	22	36	27	1	12	6	7	1
17GV5	17	36	*28	1	12	9	5	1	18G85	18	44	*25	4	5	2	1	1	22AL3*	22	40	30	5	4	7	3	1
17GWB	17	27	62					1	18H88	18	39	36	5	4	12	9	1	22AL3	22	40	30	5	4	3	7	1
17GY5	17	36	*25	1	12	5	9	1	18J6	18	6	60					1	22BH3	22	44	27	5	4	7	2	1
17H3	17	15	13					1	18R-AL1	18	39	33	4	5	2	3	1	22BNSA	22	44	27	5	4	7	2	1
17H-B25	17	44	*33	4	5	1	2	1	19A3	19	41	32	3	4	6	5	1	22BW3	22	36	28	1	12	4	10	1
17HCR	17	39	36	5	4	12	3	1	19AJ8	6	39	85	5	4	12	1	1	22DE4	22	34	13					1
17HGB	17	39	25	4	5	3	2	1	19A04	19	3	77					1	22JF6	22	44	*26	4	5	2	6	1
17H86	17	35	62					1	19AD4	19	34	10					1	22JG6	22	35	56					1
17H86A	17	35	62					1	19B66	19	26	66					1	19KF6	19	44	33	4	5	7	1	1
17H86	17	44	*28	4	5	2	6	1	19BX6	19	9	76					1	19KG8	19	39	21	4	5	12	9	1
17JG6	17	35	56					1	19BY7	19	9	62					1	19MR8	19	1	73					1
17JG6A	17	35	56					1	19C8	19	17	94					1	19Q8	19	39	25	4	5	12	1	1
17K8	17	8	54					1	19C83	19	36	30	1	12	4	10	1	19Q8	19	39	25	4	5	12	1	1
17K86	17	36	26	1	12	4	8	1	19CL8-A	19	14	74					2	19R8	19	17	90					1
17K86	17	36	27	1	12	4	11	1	19D8	19	39	32	5	4	12	2	1	19S8	19	17	90					1
17K86	17	39	*34	4	5	8	7	1	19DE7	19	20	81					1	19T8	19	17	63					1
17K86	17	39	*57	4	5	8	8	1	19DK3	19	44	31	4	5	2	7	1	19U3	19	39	29	5	4	12	9	1
17L8	17	35	50					1	19DNG	19	26	47					1	19V8	19	39	40	5	4	12	6	1
17J86	17	36	*23	1	12	9	5	1	19DQ3	19	36	30	1	12	4	10	1	19V8	19	39	40	5	4	12	6	1
17J86	17	35	65					1	19EAS	19	11	71					1	19W3	19	39	29	5	4	12	9	1
17J86	17	35	65					1	19EW7	19	20	87					1	19X3	19	39	28	5	4	17	9	1
17J86A	17	35	65					1	19E28	19	39	33	5	4	12	2	1	19X6	19	12	73					1
17JZ8	17	36	29	1	12	6	7	1	19E28	19	39	33	5	4	12	7	1	19V3	19	39	29	4	5	12	9	1
17KV8	17	44	30	4	5	1	2	1	19E28	19	39	33	5	4	12	9	1	20AQ3*	19	40	30	5	4	7	3	1
17KWB	17	44	30	4	5	1	8	1	19FX5	19	4	68					1	20AQ3	19	40	30	5	4	3	7	1
17L6	17	29	47					1	19GQ7	19	39	24	4	5	3	2	1	20D1	9	41	33	3	4	12	2	1
17LD8	17	44	25	4	5	12	2	1	19GQ7	19	39	24	4	5	3	8	1	20E7	19	39	34	5	4	12	2	1
17L8	17	4	50					1	19GQ7	19	39	24	4	5	3	8	1	20EW7	19	20	87					1
17R-HH2	17	8	65					1	19GY5	19	36	*25	1	12	5	9	1	20EZ7	19	39	35	2	1	3	5	1
17R-K19	17	15	10					1	19H86	19	1	71					1	17CL3-20EZ7								
17W6	17	29	52					1	19HS6	19	1	66					1									
17X10	17	36	98					1	19HVS	19	14	84					2									
17Y9	17	42	27	5	6	12	1	1	19J8	19	7	60					1									
17Z3*	17	39	33	4	5	2	9	1	19J8	19	7	60					2									
17Z3*	17	40	33	4	5	2	3	1	19J8	19	7	60					1									

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

Use TC-80 Adapter

17CL3-20EZ7

## B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Mixer Socket	Panel Utility	A	B	C	D	Test Pos.	TUBE TYPE	Mixer Socket	Panel Utility	A	B	C	D	Test Pos.	TUBE TYPE	Mixer Socket	Panel Utility	A	B	C	D	Test Pos.						
22JG6A	22 35	56					1	25Z6	25 36	34	7	2	12	3	1	31AL10	30 36	51	1	12	3	3	1						
22JH6	22 35	50					1	26A6	25 1	77					1	31J56A	30 36	*29	1	12	6	11	1						
22JH4	2 35	55					1	26A7	25 38	29	7	6	12	1	1	*Normally shows short position 3-4-10-11.													
22KM6	22 35	53					1	26A8	25 6	70					1	31LQ6	30 35	52					1						
22KV6	22 44	30	4	5	1	2	1	26B86	25 6	86					1	31LRS	30 44	31	4	5	12	2	1						
23J56	22 36	*29	1	12	9	5	1	26C8	25 6	85					1	31LZ6	30 35	53	5	4	12	3	1						
*Normally shows short position 3-4-10-11.								26D6	25 1	93				1	32A8	30 39	33	5	4	12	1	1							
23J58A	22 36	*29	1	12	9	5	1	26DQ5	25 26	55					1	32E15	30 4	60					1						
*Normally shows short position 3-4-10-11.								26E6	25 29	40				1	32H87	35 36	34	1	12	7	2	1							
23M96	22 36	*32	1	12	9	5	1	26HJ5	25 38	*28	7	8	1	5	1	33G17	30 36	*55	1	12	7	10	1						
*Normally shows short position 3-4-10-11.								26I6	25 1	82				1	*Normally shows short position 9-11.														
23Z9	22 36	30	1	12	6	10	1	26JG6	25 35	56					1	33G7A	30 36	*56	1	12	7	11	1						
		39	1	12	8	3	1	26LW6	25 38	*31	7	8	1	5	1	33G77	30 36	*58	1	12	7	11	1						
		28	1	12	6	8	1	*Normally shows short position 2-6.						33HE7	30 36	27	1	12	10	2	1								
24AX4	25 34	13					1	26Z5	25 39	36	5	4	3	1	1	*Normally shows short position 9-10.													
24BF11	25 36	25	1	12	12	3	1	27Q85	25 44	*25	4	5	2	1	1	33J7A	30 36	*28	1	12	7	2	1						
		25	1	12	12	8	1	*Normally shows short position 3-6-7-8.						*Normally shows short position 9-10.															
24JES6A	25 35	58					1	27N86	25 44	*26	4	5	1	8	1	33J7E	30 36	27	1	12	10	2	1						
24JZ8	25 36	29	1	12	6	7	1	*Normally shows short position 2-3-6-7.						33J7F	30 36	27	1	12	10	2	1								
		40	1	12	6	10	1	27LFB	25 36	*31	1	12	5	9	1	33J7G	30 36	27	1	12	10	2	1						
24LQ6	25 35	52					1	*May show short position 3-4-7-10-11.						33J7H	30 36	28	1	12	4	11	1								
24LZ6	24 35	53					1	28D7	30 37	40	8	1	12	2	1	34C83	35 36	*27	1	12	4	10	1						
25A6	25 29	74					1	28E4	30 38	32	7	8	2	5	1	*Some tubes may show short position 5-6-8-9.													
25AU4	25 34	10					1	28G85	30 44	*25	4	5	2	1	1	34CE3	35 36	25	1	12	4	10	1						
25AY5	25 28	62					1	*Normally shows short position 3-6-7-8.						34CM3	35 44	30	4	5	2	7	1								
25AX4	25 34	13					1	28HAG	30 9	23					1	34DK3	35 44	31	4	5	2	7	1						
25B6	25 29	48					1	28H85	30 36	*27	1	12	3	11	1	34G85	35 4	57					1						
25B-B14	25 44	*33	4	5	1	2	1	*Normally shows short position 4-5-8-10.						34R3	35 39	33	5	4	2	9	1								
*Normally shows short position 3-6-7-8.								29GR6	30 9	40				1	35A5	35 37	34	8	1	12	6	1							
25BK3	25 10	53					1	29K86	30 44	*29	4	5	1	8	1	35B5	35 3	55					1						
25BQ6	25 27	69					1	*Normally shows short position 2-3-6-7.						35C5	35 4	54					1								
25BR3	25 15	10					1	29LE6	30 44	*30	4	5	8	1	1	35C86	35 26	53					1						
25C5	25 4	44					1	*Normally shows short position 2-3-6-7.						35D78	35 39	27	4	5	8	3	1								
25C6	25 29	45					1	30A5	30 41	27	3	4	5	2	1	35E15	35 4	57					1						
25CA5	25 4	55					1	30AE3	30 40	30	5	4	7	3	1	35G15	35 41	39	4	3	6	2	1						
25C86	25 26	53					1	*If no test, use alternate settings.						35H88	35 39	36	5	4	12	9	1								
25CG3	25 36	30	1	12	4	10	1	30AE3	30 40	30	5	4	3	7	1	35L5	35 29	54					1						
25CK3	25 44	30	4	5	7	2	1	30AG11	30 36	28	1	12	12	8	1	35L86	35 36	*32	1	12	9	5	1						
25CM3	25 44	30	4	5	2	7	1			28	1	12	12	5	1	*May show short position 3-4-7-10-11.													
25GT3	25 39	32	4	5	6	2	1			33	1	12	12	10	1	35W4	35 41	33	4	3	8	5	1						
25C86	25 27	69					1			33	1	12	12	3	1	35Y4	35 37	31	8	1	4	2	1						
25D4	25 34	11					1	30C1	9 11	58					1	35Z3	35 37	31	8	1	12	2	1						
25DK3	25 44	31	4	5	2	7	1	30CW5	30 23	58					1	35Z4	35 39	33	7	2	12	5	1						
25DK4	25 41	26	3	4	8	5	1	30HD5	30 36	*27	1	12	3	11	1	35Z5	35 38	33	7	2	3	5	1						
25DL3	25 44	29	4	5	7	2	1	*Normally shows short position 4-5-8-10.						36AM3	35 41	35	4	3	6	5	1								
25DN6	25 26	47					1	30HJ5	30 36	*27	1	12	3	11	1	36AM3-B	35 41	35	4	3	6	5	1						
25DQ6	25 27	65					1	*Normally shows short position 4-5-8-10.						36K86	35 36	*26	1	12	9	5	1								
25DT5	25 16	45					1	30I26	30 36	*31	1	12	9	5	1	*Normally shows short position 3-4-10-11.													
25E5	25 27	58					1	*Some tubes may show short position 3-4-10-11.						36M86	35 35	46					1								
25EC6	25 26	53					1	30K86	30 36	*26	1	12	9	5	1	38A3	35 40	30	4	5	1	6	1						
25EH5	25 4	57					1	*Normally shows short position 3-4-10-11.						38E7	40 36	27	1	12	10	2	1								
25F5	25 4	54					1	30K86	30 44	*25	4	5	1	8	1	*Normally shows short position 2-3-6-7.													
25F5A	25 4	54					1	*Normally shows short position 2-3-6-7.						38H87	40 36	29	1	12	10	9	1								
25G-B6	25 27	64					1	30L1	7 39	33	5	4	7	2	1	40FR5	40 4	54					1						
25G83	25 36	*24	1	12	11	3	1	30M86	30 36	*32	1	12	9	5	1	40W86	40 36	*26	1	12	9	5	1						
*Normally shows short position 4-10.								*Some tubes may show short position 3-4-10-11.						*Normally shows short position 3-4-10-11.															
25HX5	25 44	*30	4	5	7	1	1	30M-P23	30 41	30	3	4	5	2	1	40X86	40 44	*28	4	5	1	8	1						
*Normally shows short position 2-3.								30M-P27	30 41	30	3	4	5	2	1	*Normally shows short position 2-3-6-8.													
25JQ6	25 39	*34	4	5	8	7	1	30PL12	16 39	39	5	4	12	3	1	40Z5	50 38	31	7	2	3	5	1						
		*57	4	5	8	6	1	30P16	16 23	68					1	42EC4	40 38	32	7	8	2	5	1						
25JZ6	25 36	29	1	12	6	7	1	*Normal Shorts refer to position of "D" Switch.      *Use TC-50 Adapter.																					
		40	1	12	6	10	1	with TC-628 Adapter.																					
25L6	25 29	47					1	<b>22JG6A-42EC4</b>																					
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																						



## B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sens.-ivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-ivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-ivity	A	B	C	D	Test Pos.									
6201	12	8	74					1	7025	12	8	*85					1	7718	12	12	53					1									
			74					2				*85					2				53					2									
6202	6	41	44	4	3	12	1	1		*Tube good if it reads 22 or more.								7719	12	40	29	4	5	1	7					1					
			44	4	3	12	6	1	7027	6	38	*36	7	2	5	6	1		*Normally shows short position 1-4.								7722	6	23	80		1			
6203	6	39	41	4	5	12	1	1				92					1	7724	14	39	52	5	4	12	8	1									
			41	4	5	12	9	1	7038	6	1		4	5	8	2	1		*Tube good if it reads 20 or more.								7728	12	8	74		1			
6211	12	8	54					1	7044	12	39	30	4	5	8	7	1				35	5	4	12	8	1									
			54					2				30	4	5	8	7	1		*Normally shows short position 1-4.								7729	12	8	74		1			
6216	6	39	*29	4	5	8	2	1	7054	12	9	42					1			35	5	4	12	8	1										
								1	7055	12	41	31	3	4	12	2	1		*Tube good if it reads 22 or more.								7730	12	8	*85		1			
6218	6	39	72	4	5	12	2	1				33	3	4	12	7	1			75					1										
6227	6	9	53					1	7056	12	1	64					1		*Normally shows short position 1-4.								7731	6	11	79		1			
6265	6	1	89					1	7057	12	8	53					1			75					1										
6267	6	39	40	5	4	2	9	1				53					2		*Tube good if it reads 22 or more.								7732	6	1	64		1			
6293	6	38	*38	7	2	1	5	1	7058	12	8	*85					1			75					1										
								1				*85					2		*Normally shows short position 4-6.								7733	12	9	42		1			
6336	6	38	29	8	7	12	1	1		*Tube good if it reads 22 or more.								7738	6	41	*33	4	3	2	8				1						
			29	8	7	12	4	1	7059	12	11	79					1			55					1										
6350	12	39	31	4	5	9	3	1				55					2		*Normally shows short position 1-7.								7751	6	38	30	2	7	4	5	1
			31	4	5	9	8	1	7060	12	13	55					1			42					1										
6360	12	39	30	4	5	9	1	1				75					2		*Normally shows short position 1-7.								7754	5	39	34	5	4	12	6	1
			30	4	5	9	3	1	7061	12	16	67					1			54					1										
6384	6	38	33	8	6	12	7	1	7082	12	8	54					1			54					1										
6417	12	39	33	5	4	5	9	1				54					2		*Normally shows short position 1-7.								7788	6	39	*29	4	5	3	2	1
6453	12	39	28	4	5	9	3	1	7105	12	38	35	5	7	12	1	1			54					1										
			28	4	5	9	8	1				35	5	7	12	4	1		*Normally shows short position 4-6.								7867	6	28	53				1	
6485	6	1	58					1	7119	12	39	30	4	5	8	2	1			53					1										
6516	6	41	34	4	3	12	1	1				30	4	5	8	7	1		*Normally shows short position 1-7.								7868	6	44	*27	4	5	2	8	1
6520	6	38	35	9	7	12	1	1	7167	12	1	54					1			30					1										
			35	8	7	12	4	1	7189	6	39	*33	5	4	1	2	1		*For grid emission turn D switch to position 4.								7895	6	43	*85	10	12	12	2	1
6550	6	29	52					1		*Normally shows short position 1-3-6-9.								7898	14	8	73			73				1							
6560	6	1	78					1	7199	6	39	30	5	4	12	7	1				73				2										
6561	6	1	89					1				32	5	4	12	9	1		*Normally shows short position 2-3-4-5-6-8-9.								7984	12	36	*59	1	12	7	11	1
6562	6	1	81					1	7233	6	39	33	5	4	2	7	1			54					1										
6563	6	41	33	3	4	12	2	1		*Normally shows short position 1-3-6-9.								8016	1	32	55			54				1							
			33	3	4	12	7	1	7247	12	8	75					1		*Normally shows short position 4-6.								8032	12	38	*38	7	2	1	5	1
6564	6	2	83					1				*80					2		*Normally shows short position 4-6.								8056	6	43	*63	10	12	12	2	1
6569	6	3	77					1	7258	12	13	62					1		*For grid emission turn D switch to position 4.								8102	12	39	28	4	5	12	3	1
6576	6	1	64					1				61					2			27					1										
6577	6	39	*32	5	4	2	9	1	7308	6	8	23					1		*Normally shows short position 3-8.								8106	12	39	*24	4	5	3	7	1
								1				24					2		*Normally shows short position 2-6-8.								8113	6	1	58				1	
6578	6	11	78					1	7320	6	23	68					1			58					1										
			78					2	7355	6	38	37	7	2	12	6	1		*Normally shows short position 1-9.								8136	6	1	65				1	
6579	12	8	79					1	7360	6	39	29	4	5	12	3	1				65				1										
			79					2	7370	40	39	24	4	5	8	2	1		*Normally shows short position 2-3-4-5-6-7-8-11.								8156	12	36	*32	1	12	9	10	1
6580	12	8	75					1				24	4	5	8	7	1				65				1										
			75					2	7408	6	29	80					1		*Normally shows short position 2-5.								8233	6	44	*24	4	5	7	8	1
6581	12	8	*85					1	7543	6	1	85					1		*May show short in position 3.								8278	6	44	*31	4	5	3	7	1
			*85					2	7551	15	39	*33	4	5	9	2	1				87					1									
								1		*Normally shows short position 3-8.								7558	6	39	*26	4	5	3	2			1							
6586	6	9	60					1		*Normally shows short position 1-9.								7581	6	29	64							1							
6587	6	1	89					1				64					1		*For grid emission turn D switch to position 4.								7586	6	43	*65	10	12	12	2	1
6588	6	23	82					1				64					1				64					1									
6589	6	39	25	4	5	12	2	1				64					1		*For grid emission turn D switch to position 4.								8425	6	1	87				1	
6579	12	8	54					1				64					1				64					1									
			54					2				64					1		*Normally shows short position 4-6.								8458	12	44	32	4	5	9	1	1
6583	12	38	*38	7	2	1	5	1	7587	6	43	*67	10	12	12	2	1				64					1									
								1		*For grid emission turn D switch to position 4.								7591	6	38	34	7	2	4	6			1							
6587	6	41	33	4	3	12	2	1	7607	6	38	*32	7	2	1	5	1				64					1									
			33	4	3	12	7	1		*Normally shows short position 4-6.								7643	6	11	72								1						
6588	6	30	62					1				72					1		*Normally shows short position 2-5.								9001	6	1	93				1	
6519	6	41	33	3	4	12	2	1				72					2				72					1									
			33	3	4	12	7	1	7687	6	11	77					1		*Normally shows short position 2-7.								9002	6	41	*46	4	3	1	6	1
6522	6	8	24					2				77					2				77					1									
			24					1				77					1		*Tube good if it reads 23 or more.								9003	6	1	*73				1	
6539	12	39	34	4	5	9	1	1	7693	6	1	93					1				77					1									
			34	4	5	9	3	1	7694	6	1	84					1		*Normally shows short position 2-7.								9006	6	41	*55	4	3	1	5	1
6565	6	1	63					1	7695	50	39	34	5	4	12	6	1				77					1									
6573	6	16	62					1	7701	12	39	*38	5	4	1	2	1		*Normally shows short position 3-7-8-9.								A863	6	38	50	7	2	12	10	1
7000	6	38	50	7	2	12	10	1				*38	5	4	1	2	1				77					1									

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

6201-A863

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Serial-ity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Serial-ity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Serial-ity	A	B	C	D	Test Pos.		
A1834	6	38	35	8	7	12	1	1	CV553	25	29	47					1	CV732	6	34	11				1			
AR18	6	38	35	8	7	12	4	1	CV554	6	38	48	7	2	12	3	1	CV747	6	30	60				1			
			40	7	2	12	10	1				48	7	2	12	5	1	CV759	2	41	*78	7	1	2	6	1		
			63	7	2	12	4	1	CV559	25	38	34	7	2	12	3	1	*Normally shows short position 5-1L.										
			63	7	2	12	5	1				34	7	2	12	5	1	CV755	1	38	55	7	2	12	5	1		
ARDD3	6	38	48	7	2	12	9	1	CV561	35	29	54					1	CV756	1	38	55	7	2	12	5	1		
			48	7	2	12	5	1	CV562	35	29	54					1	CV760	1	38	55	7	2	12	5	1		
ARH1	6	38	44	7	2	12	10	1	CV565	35	37	31	8	1	12	2	1	CV764	2	38	54	7	2	12	10	1		
ARP15	6	38	52	7	2	12	10	1	CV567	35	38	33	7	2	3	5	1	CV768	2	38	48	7	2	12	5	1		
ARP16	6	38	50	7	2	12	10	1	CV568	35	38	33	7	2	3	5	1	CV770	2	38	54	7	2	12	10	1		
ARP17	6	29	91					1	CV571	50	29	47					1				64	7	2	12	4	1		
ARP32	6	29	79					1	CV572	6	33	15					1				67	7	2	12	5	1		
ARP33	6	29	79					2			15						2	CV772	1	58	55	7	2	12	4	1		
ARTN-1	6	38	35	7	2	12	8	1	CV573	6	33	15					1				55	7	2	12	5	1		
AU13	5	33	32					2			15						2	CV773	1	38	55	7	2	12	4	1		
			32					2	CV574	6	33	15					1				55	7	2	12	5	1		
AZ32	4	33	32					2			15						2	CV775	1	37	62	8	1	12	4	1		
			32					2	CV575	5	33	16					2	CV776	1	37	55	8	1	12	6	1		
B36	12	25	78					1			16						1	CV777	1	37	54	8	1	5	6	1		
			78					2	CV578	6	38	45	7	2	12	5	1	CV778	1	37	68	8	1	12	4	1		
B65	6	25	78					1	CV579	6	38	45	7	2	12	5	1	CV779	2	37	53	8	1	12	6	1		
			78					2	CV580	6	38	45	7	2	12	5	1				63	8	1	12	4	1		
B152	12	8	74					1	CV581	6	29	99					1	CV780	2	37	52	8	1	12	6	1		
			74					2	CV582	6	29	99					1				60	8	1	12	4	1		
B309	12	8	74					1	CV583	6	29	99					1	CV781	1	37	53	8	1	5	8	1		
			74					2	CV586	6	29	63					1	CV782	1	41	57	7	1	5	4	1		
B319	7	39	33	5	4	7	2	1	CV587	6	38	40	7	2	12	10	1	CV783	1	41	*55	7	1	5	3	1		
			33	5	4	7	6	1			63	7	2	12	4	1	1	*Normally shows short position 2-B.										
B329	12	9	75					1			63	7	2	12	5	1	1	CV784	1	41	56	7	1	12	6	1		
			75					2	CV588	6	38	40	7	2	12	10	1				56	7	1	12	3	1		
B339	12	8	*85					1			63	7	2	12	4	1	1	CV785	1	41	55	7	1	5	6	1		
			*85					2			63	7	2	12	5	1	1	CV786	1	38	54	7	2	12	5	1		
B719	6	8	70					1	CV589	6	38	40	7	2	12	10	1	CV797	6	41	32	4	3	5	1	1		
			70					2			63	7	2	12	4	1	1	CV805	50	38	35	7	2	12	3	1		
								1			63	7	2	12	5	1	1				35	7	2	12	5	1		
BPM34	6	3	77					1	CV590	6	30	53					1	CV807	3	41	*36	7	1	5	4	1		
CV131	6	41	35	4	3	12	1	1	CV591	6	30	83					1	*Normally shows short position 2-B.										
CV133	6	41	41	4	3	12	1	1	CV592	6	30	83					1	CV808	3	41	45	7	1	4	3	1		
CV136	6	41	34	4	3	12	1	1	CV593	6	33	12					1				45	7	1	4	5	1		
CV138	6	41	30	4	3	12	1	1			12						2	CV815	2	37	43	8	1	7	6	1		
CV140	6	41	33	3	4	12	2	1	CV594	6	30	77					1	CV818	3	41	*42	7	1	5	3	1		
			33	3	4	12	7	1	CV595	6	30	77					1	*Normally shows short position 2-B.										
CV216	60	38	*99	2	1	5	5	1	CV657	6	38	50	7	2	12	10	1	CV819	3	38	45	7	2	8	5	1		
								1	CV660	6	30	80					1	CV820	3	41	*48	7	1	5	3	1		
								1	CV661	6	30	74					1	*Normally shows short position 2-B.										
CV283	6	41	33	3	4	12	2	1	CV664	6	41	*46	4	3	1	6	1	CV841	5	53	16				1			
			33	3	4	12	7	1	*Normally shows short position 2-7.								1	16				2						
CV450	6	29	*62					1	CV665	6	1	*73					1	CV842	5	33	32				1			
								1	*Tube good if it reads 23 or more.								1	32				2						
CV452	6	6	85					1	CV686	50	38	*85	2	11	3	5	1	CV844	6	38	40	7	2	12	5	1		
								2	*Normally shows short position 1L.								1											
			78					1	*Normally shows grid emission.								1											
CV453	6	1	81					1	CV692	6	31	8					1	CV845	6	38	40	7	2	12	5	1		
CV454	6	1	78					1			8						1	CV848	6	30	60				1			
CV455	12	8	74					2			8						2	CV849	6	30	60				1			
			74					2	CV694	12	30	77					1	CV850	6	1	83				1			
CV481	12	8	75					1	CV697	12	30	83					1	CV851	6	38	35	7	2	12	5	1		
			75					2	CV698	12	30	83					1	CV852	6	41	14	4	3	1	6	1		
CV482	12	8	*85					1	CV700	12	38	46	8	7	12	2	1	CV858	6	2	60				1			
			*85					2			68	8	7	12	4	1	1				60				2			
								2	*Tube good if it reads 22 or more.								1											
CV493	6	41	44	4	3	12	1	1	CV703	6	38	35	7	2	12	5	1	CV862	6	38	53	7	2	12	5	1		
			44	4	3	12	6	1	CV706	6	38	48	7	2	12	10	1	CV865	6	30	69				1			
CV511	8	29	79					1	CV717	5	33	22					1	CV866	6	30	83				1			
CV538	12	38	37	7	2	12	5	1			22						2	CV867	8	38	46	8	7	12	2	1		
CV544	12	30	84					1	CV723	3	38	39	7	2	12	5	1				68	8	7					

## K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Mount	Socket	Serial-Unity	A	B	C	D	Test Pos.	TUBE TYPE	Mount	Socket	Serial-Unity	A	B	C	D	Test Pos.	TUBE TYPE	Mount	Socket	Serial-Unity	A	B	C	D	Test Pos.
CV878	6	37	40	8	1	12	4	1	CV1301	6	38	48	7	2	12	3	1	CV1902	6	38	45	7	2	12	6	1
CV879	6	37	40	8	1	12	6	1	CV1375	6	9	62					1	CV1908	6	38	40	7	2	12	10	1
CV880	6	37	52	8	1	12	6	1	CV1377	5	33	10					1	CV1909	6	38	40	7	2	12	10	1
CV881	6	37	52	8	1	12	6	1									1	CV1910	6	38	40	7	2	12	10	1
CV882	6	37	40	8	1	4	3	1									1	CV1911	6	29	91					1
			68	8	1	4	5	1	CV1633	12	8	74					1	CV1912	6	29	91					1
			68	8	1	4	6	1									1	CV1926	6	26	52					1
CV883	6	37	42	8	1	12	4	1	CV1649	6	29	99					1	CV1928	12	1	78					1
CV885	6	37	38	8	1	12	6	1	CV1741	6	29	53					1	CV1929	6	38	48	7	2	12	3	1
CV886	6	37	38	8	1	12	6	1	CV1753	35	37	34	8	1	12	6	1				48	7	2	12	6	1
CV887	6	37	50	8	1	4	3	1	CV1757	6	1	93					1	CV1930	6	38	48	7	2	12	5	1
			68	8	1	4	5	1	CV1758	1	41	55	7	1	5	6	1				48	7	2	12	5	1
			68	8	1	4	6	1	CV1762	6	1	82					1	CV1931	6	38	48	7	2	12	3	1
CV890	6	37	*33	8	2	1	5	1	CV1763	6	41	*85	4	3	1	7	1				48	7	2	12	5	1
																		CV1932	6	29	93					1
																		CV1933	6	29	93					1
CV891	6	37	40	8	1	4	3	1	CV1777	6	37	37	8	1	12	6	1	CV1934	6	29	93					1
			69	8	1	4	5	1	CV1784	6	30	38					1	CV1935	6	38	50	7	2	12	10	1
			69	8	1	4	6	1	CV1790	6	37	50	8	1	12	3	1	CV1936	6	38	50	7	2	12	10	1
CV892	6	37	47	8	1	12	6	1									1	CV1937	6	38	50	7	2	12	10	1
			68	8	1	12	3	1									1									1
			68	8	1	12	4	1	CV1802	1	38	57	7	2	12	5	1	CV1938	6	29	92					1
CV893	6	37	45	8	1	12	4	1	CV1803	1	38	54	7	2	12	5	1	CV1940	6	29	92					1
			45	8	1	12	5	1	CV1805	1	38	54	7	2	12	5	1	CV1941	6	38	52	7	2	12	10	1
CV894	6	37	36	8	1	12	6	1	CV1811	1	38	58	7	2	12	5	1	CV1942	6	38	52	7	2	12	10	1
CV895	6	37	35	8	1	12	6	1									1	CV1943	6	38	52	7	2	12	10	1
CV896	6	37	45	8	1	12	4	1									1	CV1944	6	38	35	7	2	12	5	1
			65	8	1	12	5	1									1	CV1945	6	38	35	7	2	12	5	1
			65	8	1	12	6	1									1	CV1946	6	38	35	7	2	12	5	1
CV897	6	37	35	8	1	12	6	1	CV1818	1	38	55	7	2	12	10	1	CV1947	6	29	63					1
			50	8	1	12	4	1									1	CV1948	6	29	63					1
CV898	6	37	42	8	1	12	4	1	CV1820	1	38	55	7	2	12	10	1	CV1949	6	41	43	4	9	12	1	1
			42	8	1	12	5	1									1	CV1950	6	38	44	7	2	12	10	1
CV899	6	37	35	8	1	12	4	1	CV1821	2	38	53	7	2	12	10	1	CV1951	6	38	44	7	2	12	10	1
CV900	6	37	35	8	1	12	6	1	CV1823	2	38	53	7	2	12	10	1	CV1956	6	38	47	7	2	12	4	1
			72	8	1	12	3	1	CV1824	1	38	48	7	2	12	5	1				47	7	2	12	9	1
CV901	6	37	72	8	1	12	4	1	CV1826	1	38	48	7	2	12	5	1	CV1957	6	38	47	7	2	12	4	1
			45	8	1	12	6	1	CV1829	1	38	54	7	2	12	5	1	CV1958	6	38	47	7	2	12	4	1
CV910	12	38	45	7	2	12	5	1	CV1846	5	33	22					1	CV1959	50	4	44					1
CV916	12	38	48	7	2	12	3	1									1									1
CV917	12	38	48	7	2	12	5	1									1	CV1961	12	1	82					1
CV918	12	38	50	7	2	12	10	1	CV1851	5	38	47	8	7	12	3	1	CV1962	6	38	52	7	2	12	10	1
CV919	12	38	52	7	2	12	10	1									1				63	7	2	12	4	1
CV919	12	38	41	8	7	12	3	1	CV1852	5	38	47	8	7	12	3	1				63	7	2	12	5	1
CV920	12	38	41	8	7	12	3	1									1	CV1963	6	38	52	7	2	12	10	1
CV921	12	38	46	8	7	12	2	1	CV1854	5	33	32					1				63	7	2	12	4	1
			69	8	7	12	5	1									1	CV1964	6	38	63	7	2	12	5	1
CV922	12	30	77					1	CV1856	5	33	32					1				63	7	2	12	4	1
CV924	12	25	*85					1									1				63	7	2	12	5	1
			*85					2	CV1857	5	38	52	8	7	12	3	1				63	7	2	12	5	1
																	1	CV1966	6	38	37	7	2	12	5	1
CV925	12	25	78					1	CV1862	6	3	77					1	CV1967	6	38	37	7	2	12	5	1
			78					2	CV1863	5	33	12					1	CV1969	6	38	48	8	7	12	3	1
CV930	12	37	45	8	1	12	4	1									1				48	8	7	12	4	1
			45	8	1	12	5	1	CV1864	5	33	12					1	CV1970	6	38	48	8	7	12	3	1
CV939	25	38	40	7	2	12	5	1									1				48	8	7	12	4	1
CV945	30	37	40	8	1	12	2	1	CV1873	6	30	74					1	CV1972	6	38	41	8	7	12	3	1
			40	8	1	12	7	1	CV1876	6	30	60					1	CV1973	6	38	41	8	7	12	3	1
CV946	30	37	40	8	1	12	2	1	CV1878	6	38	54	7	2	12	5	1	CV1974	6	38	47	7	2	12	10	1
			40	8	1	12	7	1									1	CV1975	6	38	47	7	2	12	10	1
CV995	6	41	38	4	3	2	1	1	CV1882	6	30	38					1	CV1976	6	38	37	7	2	12	5	1
CV1067	6	29	93					1	CV1893	6	38	55	7	2	12	10	1	CV1978	6	30	77					1
CV1071	5	33	16					1									1	CV1981	6	30	84					1
			18					2									1	CV1982	6	30	84					1
CV1074	6	38	50	7	2	12	10	1	CV1894	6	38	55	7	2	12	10	1	CV1985	6	25	*85					1
CV1268	5	33	32					1									1				*85					2
			32					2									1									1
CV1280	6	38	44	7	2	12	10	1	CV1895	50	38	*70	2	1	3	5	1									1
CV1285	6	38	47	7	2	12	4	1									1	CV1988	6	25	78					1
			47	7	2	12	5	1									1				78					2

\*Normally shows short position 3-4-5-7.

\*Normally shows short position 5-6.

\*Tube good if it reads 30 or more.

\*Tube good if it reads 22 or more.

\*Tube good if it reads 22 or more.

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## B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater Socket	Control Grids	A	B	C	D	Test Pos.	TUBE TYPE	Heater Socket	Control Grids	A	B	C	D	Test Pos.	TUBE TYPE	Heater Socket	Control Grids	A	B	C	D	Test Pos.		
CV1990	6 38	42	8	7	12	2	1	DU93	3 41	*36	7	1	5	4	1	E80F	8 39	34	4	5	7	8	1		
		71	8	7	12	4	1									E80L	6 39	25	4	5	1	2	1		
		71	8	7	12	5	1	DA90	2 41	*70	7	1	2	8	1	E80T	6 39	72	4	5	12	2	1		
CV1991	6 38	42	8	7	12	2	1									E81CC	12 8	74					2		
		71	8	7	12	4	1	DAC32	1 38	55	7	2	12	10	1									2	
		71	8	7	12	5	1									E81L	6 9	60						1	
CV1993	6 30	92	8	7	12	2	1	DAF91	1 41	56	7	1	12	6	1	E83F	6 39	25	4	5	12	2	1		
CV1995	6 38	92	8	7	12	2	1									E88CC	6 8	24						1	
		72	8	7	12	4	1	DAF92	2 41	55	7	1	12	6	1									1	
		72	8	7	12	5	1									E90CC	6 2	49						1	
CV1996	6 38	52	8	7	12	2	1	DAF96	1 41	58	7	1	12	6	1									2	
		72	8	7	12	4	1									E90F	6 1	82						1	
		72	8	7	12	5	1	DC90	1 41	*70	7	1	5	6	1	E91AA	6 41	33	3	4	12	2	1		
CV2128	6 39	85	5	4	12	1	1									E91H	6 1	89						1	
		58	5	4	12	9	1	DCC90	3 41	45	7	1	4	3	1									1	
CV2129	6 39	33	5	4	8	8	1									E91N	6 41	32	4	3	5	1	1		
CV2370	3 41	*48	7	1	5	3	1	DD6	6 41	33	3	4	12	2	1	E92CC	6 2	61						1	
																								2	
CV2390	3 41	*36	7	1	5	4	1	DF33	2 38	53	7	2	12	10	1	E99F	6 1	84						1	
								DF91	1 41	55	7	1	5	6	1	E180F	6 23	82						1	
CV2500	35 38	33	7	2	12	5	1	DF92	1 41	55	7	1	5	6	1	E182CC	6 39	30	4	5	8	2	1		
CV2507	1 41	52	7	1	5	6	1	DF96	1 41	56	7	1	5	6	1									1	
CV2522	6 1	77					1	DF97	1 41	40	7	1	5	6	1	E188CC	6 8	23						1	
CV2524	6 1	82					1	DF904	1 41	52	7	1	5	6	1									2	
CV2526	6 6	91					1	DH63	6 38	40	7	2	12	10	1	E235L	6 38	30	2	7	4	5	1		
CV2534	50 29	47					2									E280F	6 23	80						1	
CV2704	6 37	*33	8	2	1	5	1	DH74	12 38	40	7	2	12	10	1	E810F	6 39	*29	4	5	5	2	1		
																								2	
CV2706	6 37	53	8	1	12	4	1									EAA91	6 41	33	3	4	12	2	1		
CV2714	6 29	67					1	DH76	12 38	40	7	2	12	10	1									1	
CV2716	6 38	48	8	7	12	3	1									EABC60	8 17	90						1	
CV2721	6 39	*32	5	4	7	2	1	DH107	19 6	85						CAF801	6 39	34	4	5	7	2	1		
																								1	
CV2748	5 33	12					1	DH149	6 37	50	8	1	4	3	1									1	
		12					2																	2	
CV2769	6 41	*55	4	3	1	5	1	DH710	6 17	90					1	EBC90	6 6	85						1	
																								2	
CV2901	6 39	40	4	5	2	9	1	DH719	6 17	90					1	EBC91	6 6	91						1	
CV2938	6 29	53					1																	2	
CV2975	6 23	68					1	DK91	1 41	57	7	1	5	4	1									1	
CV2983	2 41	45	7	1	5	6	1	DK92	1 41	48	7	1	12	4	1	FRF80	6 39	37	5	4	12	2	1		
CV2984	6 38	45	8	7	12	4	1	DK96	1 41	54	7	1	12	4	1									1	
CV3512	6 41	34	4	3	5	6	1	DL33	3 38	45	7	2	8	5	1	FBF83	6 39	31	5	4	12	2	1		
CV3523	6 38	*38	7	2	1	5	1	DL35	1 38	54	7	2	12	5	1									1	
								DL36	1 38	48	7	2	12	5	1									1	
CV3798	50 38	*70	2	11	3	5	1	DL91	1 41	*55	7	1	5	3	1	EBF99	6 38	33	5	4	12	2	1		
																								1	
								DL92	3 41	*48	7	1	5	3	1									1	
CV3799	50 38	*89	2	11	3	5	1	DL93	3 41	*36	7	1	5	4	1	FCR1	6 39	30	4	5	12	1	1		
								DL94	3 41	45	7	1	5	6	1	FCR6	6 40	29	4	5	3	6	1	1	
								DL95	3 41	*42	7	1	5	8	1	CCR8	6 39	*85	4	5	7	8	1	1	
CV4007	6 41	33	5	4	12	2	1																	1	
		33	3	4	12	7	1	DL96	3 41	45	7	1	5	6	1	FCR9	6 41	41	4	3	1	4	1		
CV4010	6 1	63					1	DL97	3 41	45	7	1	5	6	1	EC91	6 41	*29	4	3	6	1	1		
CV4018	6 41	32	4	3	5	1	1	DP61	6 1	63														1	
CV4024	12 8	74					1	DV30	1 32	55														1	
D2M6	6 41	33	3	4	12	2	1	DV81	1 24	85														1	
		33	3	4	12	7	1	DV86	1 24	35														1	
D83	6 38	48	7	2	12	3	1	DV87	1 24	35														1	
		48	7	2	12	5	1	DV802	1 24	58														2	
								E551	6 44	*25	4	5	7	8	1									2	
D77	6 41	33	3	4	12	2	1																	1	
		33	3	4	12	7	1	E80CC	12 8	74														1	
D152	6 41	33	3	4	12	2	1																	2	
		33	3	4	12	7	1	E80CF	6 11	77														1	
																									2
																									2

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

Use TC-80 Adapter.

CV1990-ECC82

## B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensit-ivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sensit-ivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sensit-ivity	A	B	C	D	Test Pos.	
ECC83	12	8	*85 *85					1 2	ED500	6	44	*52	4	5	12	8	1	EL40	6	39	40	5	4	12	1	1	
*Tube good if it reads 22 or more.									*Normally shows short position 2-3-6-7-8.									*Tube good if it reads 60 or more. *Normally shows short position 11. *Normally shows grid emission.									
ECC84	6	39	33 33	5	4	7	2	1 1	EF22	6	37	36	8	1	12	6	1	EZ81	6	39	34	5	4	12	1	1	
ECC85	6	8	70 70 70					1 1 2	EF37-A	6	38	37	2	7	1	10	1	EZ90	6	41	44	4	3	12	1	1	
ECC86	6	39	33 33	5	4	12	2	1 1	EF85	6	9	62					1	GI80/ZM	60	38	*99	2	11	3	5	1	
ECC88	6	39	31 31	5	4	12	2	1 1	EF86	6	39	40	5	4	2	9	1	*Normally shows short position 11.									
ECC89	6	39	29 29	4	5	7	2	1 1	EF89	6	9	80					1	*Normally shows grid emission.									
ECC91	6	2	60 60					1 1	EF91	6	41	30	4	3	12	1	1	GY501	3	44	*94	4	5	4	10	1	
ECC189	6	8	30 30					1 1	EF92	6	41	35	4	3	12	1	1	GZ-30	5	33	12					1	
ECC8015	12	8	74 74					1 1	EF93	6	1	78					1	GZ-32	5	33	12					1	
ECC8023	12	8	75 75					1 1	EF94	6	1	82					1	GZ-34	5	33	10					1	
ECC808	6	39	36 36	4	5	12	9	1 1	EF95	6	1	63					1	H63	6	38	40	7	2	12	10	1	
ECC808	6	39	41 41	4	5	6	9	1 1	EF96	6	1	80					1	HABC80	19	17	90					1	
ECC960	6	2	49 49	4	5	6	9	1 1	EF98	6	41	30	4	3	12	1	1	HBC90	12	6	85					1	
ECF80	6	11	66 55					1 2	EF183	6	9	40					1	HBC91	12	6	91					1	
ECF82	6	11	79 56					1 1	EF184	6	9	58					1	HCC85	17	8	65					1	
ECF86	6	39	25 25	4	5	12	9	1 1	EF804	6	39	39	5	4	2	8	1	HCH81	12	39	32	5	4	12	2	1	
ECF200	6	42	30 30	5	6	12	9	1 1	EF-806S	6	39	40	4	5	2	8	1	HD14	1	38	55	7	2	12	10	1	
ECF201	6	42	28 32	5	6	12	8	1 1	EFL200	6	42	27	5	6	12	8	1	*For plate cap use jack next to socket 26.									
ECF202	6	42	29 33	5	6	12	8	1 1	EH90	6	1	94					1	HL94	50	4	44					1	
ECF801	6	22	62 78					1 1	EN-9008	6	1	91					1	HL94	30	41	27	3	4	5	2	1	
ECF802	6	11	80 85					1 1	EN90	6	1	91					1	HR04	6	1	91					1	
ECF-805	6	39	30 33	4	5	8	7	1 1	EL34	6	29	53					1	HY90	35	41	33	4	3	6	5	1	
ECH81	6	39	33 38	4	5	12	9	1 1	EL36	6	27	58					1	KT32	25	29	47					1	
ECH83	6	39	30 34	5	4	12	9	1 1	EL37	6	29	63					1	KT63	6	29	91					1	
ECH84	6	22	88 93					1 1	EL38	6	29	*62					1	KT66	6	29	63					1	
ECH200	6	42	31 30	5	6	12	9	1 1	EL81	6	39	*82	5	4	7	2	1	KT88	6	29	43					1	
ECL80	6	39	37 37	5	4	12	9	1 1	*Normally shows short position 1-6-8.									KT88	6	29	43					1	
ECL82	6	39	33 39	5	4	12	9	1 1	EL82	6	23	68					1	KT63	6	38	50	7	2	12	10	1	
ECL84	6	39	26 26	4	5	12	1	1 1	EL83	6	39	30	5	4	12	2	1	L63	6	29	93					1	
ECL85	6	39	25 25	4	5	12	9	1 1	EL84	6	23	68					1	L77	6	41	41	4	3	1	6	1	
ECL86	6	39	26 35	4	5	2	8	1 1	EL85	6	39	*39	5	4	1	2	1	LC900	3	5	56					1	
ECLL800	6	39	*99 38	4	5	12	1	1 1	EL86	6	23	58					1	LCF80	6	11	66					1	
*Tube good if it reads 25 or more.									*Normally shows short position 2-3-6-7.									*Normally shows short position 5-11. *Normally shows short position 6-11. *If no test, use alternate settings.									
ED2	6	41	33 33	3	4	12	2	1 1	EL87	6	39	32	5	4	7	2	1	LCF200	5	42	30	5	6	12	3	1	
									EL88	6	39	32	7	2	5			LCF201	6	11	80					1	
									EM-87	6	39	52	4	5	2	1	1	LCF801	5	22	62					1	
									EN93	6	41	43	4	3	12	1	1	LCM200	5	42	31	5	6	12	9	1	
									EN80	6	39	33	5	4	3	7	1	1	LCL80	4	39	37	5	4	12	9	1
									EY81	6	39	33	5	4	2	9	1	1	LCL82	12	39	33	5	4	12	3	1
									EY82	6	39	29	4	5	6	9	1	1	LCL84	10	39	26	4	5	12	8	1
									EY86	6	40	*95	5	4	1	10	1	1	LCL85	10	39	25	4	5	12	9	1
									EY87	6	40	*95	5	4	1	10	1	1	LF183	4	9	40					1
									EY88*	6	40	30	5	4	7	3	1	1	LF184	4	9	58					1
									EY88	6	40	30	5	4	7	3	1	1	*If no test, use alternate settings.								
									EY800*	6	38	32	7	2	5												
									EZ35	6	33	15															

\*Normal Shorts refer to position to "Y" Switch.

\*Use TC-628 Adapter.

\*Use TC-80 Adapter.

ECC83-LF184



B & K DYNA-JET MODEL 70/ TUBE CHART

TUBE TYPE	Heater	Socket	Serial-Utility	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Serial-Utility	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Serial-Utility	A	B	C	D	Test Pos.
LFL200	10	42	27	5	6	12	1	1	PCC84	7	39	33	5	4	7	2	1	PY88	30	40	30	5	4	3	7	1
LI86	10	23	58	5	6	12	8	1	PCC85	9	8	70	5	4	7	8	1	PY500m	40	38	32	7	8	2	5	1
LI500*	18	44	*25	4	5	2	1	1	PCC88	7	39	31	5	4	12	2	1	QA240	8	41	41	4	3	1	6	1
*Normally shows short position 3-6-7-8.									PCC89	7	39	29	4	5	7	7	1	QA2404	8	41	33	3	4	12	2	1
LI505*	25	44	*28	4	5	1	8	1	PCC189	7	8	30	5	4	12	2	1	QA2406	12	6	74					1
*Normally shows short position 2-3-6-7.									PCF80	9	11	66					1	QA2407	6	41	44	4	3	12	1	1
LI821*	22	44	*29	4	5	1	8	1	PCF82	9	11	78					1	QA2408	6	25	78					1
*Normally shows short position 2-3-6-7.									PCF86	7	39	25	4	5	3	2	1	QE03/10	6	39	33	5	4	8	9	1
LI802	10	9	51					1	PCF88	7	39	25	4	5	3	2	1	QE05/40	6	38	*38	7	2	1	5	1
LN152	6	39	37	6	4	12	9	1	PCF200	8	42	30	5	6	12	3	1	*Normally shows short position 4-6.								
LY-61	10	39	33	5	4	2	9	1	PCF201	8	42	28	5	6	12	3	1	QS150/40	50	38	*99	2	11	3	5	1
LY88*	22	40	30	5	4	7	3	1	PCF601	8	22	62					1	*Tube good if it reads 60 or more.								
*If no test, use alternate settings.									PCF602	9	11	80					1	*Normally shows short position 11.								
LY88	22	40	30	5	4	3	7	1	PCF605	7	39	30	4	5	8	7	1	*Normally shows grid emission.								
LY500m	30	38	32	7	8	2	5	1	PCH200	9	42	31	5	6	12	3	1	QV03/12	6	39	33	5	4	8	9	1
LZ319	9	11	66					1	PCL82	16	39	33	5	4	12	3	1	QV06/20	6	38	*38	7	2	1	5	1
M8061	6	2	60					1	PCL84	15	39	26	4	5	12	8	1	*Normally shows short position 4-6.								
MS100	6	1	63					1	PCL85	18	39	25	4	5	12	8	1	R52	5	33	12					1
N14	1	38	54	7	2	12	5	1	PCL86	14	39	25	4	5	12	8	1	SN7	1	32	55					1
N17	3	41	*48	7	1	5	3	1	PL500*	9	44	*32	4	5	12	8	1	SP6	6	41	30	4	3	12	1	1
*Normally shows short position 2-6.									PF9	6	38	52	7	2	12	10	1	T2A05	8	41	34	4	3	12	5	1
N18	9	41	*42	7	1	5	3	1	PFL200	17	42	27	5	6	12	1	1	TJ880	12	9	35					1
*Normally shows short position 2-6.									PH4	6	38	45	7	2	12	8	1	TM12	6	41	*85	4	3	1	7	1
N19	3	41	45	7	1	5	6	1	PL82	16	39	33	5	4	12	3	1	*Normally shows short position 5-6.								
◆N22LL	19	44	33	4	5	7	1	1	PL84	15	39	26	4	5	12	8	1	TS51	6	1	63					1
N152	19	39	*32	5	4	7	2	1	PL85	18	39	25	4	5	12	8	1	TS52	6	2	60					1
*Normally shows short position 1-6-9.									PL86	14	39	25	4	5	12	8	1	TS-876C	6	39	*28	4	5	1	2	1
N329	16	23	66					1	PL91	19	39	*32	5	4	7	2	1	*Normally shows short position 3-8.								
N709	6	23	68					1	PLB2	16	23	68					1	U50	5	33	32					1
NCC189	4	39	30	5	4	12	2	1	PLB3	12	39	30	5	4	12	2	1	U52	5	33	16					1
NR67	6	38	44	7	2	12	10	1	PLB4	15	23	58					1	U54	5	33	10					1
NR78	6	29	99					1	PL500*	30	44	*25	4	5	2	1	1	*Normally shows short position 2-3-6-7-9.								
NR78A	6	29	93					1	PL505*	40	44	*26	4	5	1	8	1	U78	6	41	44	4	3	12	1	1
NR81	6	38	52	7	2	12	10	1	PL506*	17	44	30	4	5	1	8	1	U78	6	41	44	4	3	12	1	1
NR83	6	39	50	7	2	12	10	1	PL508*	30	44	*26	4	5	1	8	1	U147	6	33	15					1
NR85	6	29	91					1	*Normally shows short position 1-6-9.									U149	6	37	45	8	1	12	3	1
NR95	25	29	47					1	PL82	16	23	68					1	U153	17	39	33	4	5	2	9	1
NU20	5	33	32					1	PL83	12	39	30	5	4	12	2	1	U154	19	39	29	4	5	6	9	1
ODC3	12	38	42	8	7	12	2	1	PL84	15	23	58					1	U192	19	39	29	4	5	6	9	1
OF1	6	38	47	7	2	12	10	1	PL500*	30	44	*25	4	5	2	1	1	U709	6	39	34	6	4	12	1	1
OH4	12	38	45	7	2	12	6	1	PL505*	40	44	*26	4	5	1	8	1	UAA91	19	41	33	3	4	12	2	1
OSW2190	6	30	60					1	PL506*	17	44	30	4	5	1	8	1	UABC80	25	17	90					1
OSW2192	6	30	38					1	PL508*	30	44	*26	4	5	1	8	1	*Normally shows short position 3-6-7-8.								
OSW2600	6	30	60					1	PL521*	30	44	*29	4	5	1	8	1	UBF80	17	39	33	5	4	12	2	1
OSW2601	6	30	38					1	PL802	16	9	51					1	UCF80	25	11	68					1
OSW3105	6	38	42	8	1	12	2	1	PL820	19	39	*32	5	4	7	2	1	*Normally shows short position 2-3-6-7.								
OSW3106	6	29	79					1	PL820	19	39	*32	5	4	7	2	1	UCC84	22	39	33	5	4	7	2	1
OSW3108	6	29	63					1	*Normally shows short position 1-6-9.									UCC85	25	8	33	5	4	7	6	1
OSW3109	6	38	48	7	2	12	3	1	PM04	6	1	78					1	UCF80	25	11	68					1
OSW3111	6	30	84					1	PM05	6	1	63					1	*Normally shows short position 2-3-6-7.								
OSW3112	6	29	93					1	PY32	30	38	24	2	7	6	3	1	UCC84	22	39	33	5	4	7	2	1
PABC80	9	17	96					1	PM04	6	1	78					1	UCC85	25	8	33	5	4	7	6	1
PC86	4	40	29	4	5	3	8	1	PM05	6	1	63					1	UCF80	25	11	68					1
PC88	4	39	*85	4	5	7	8	1	PY80	19	39	29	5	4	12	9	1	UCF80	25	11	68					1
*Normally shows short position 1-3-6-9.									PY81	17	39	33	5	4	2	9	1	UCN81	19	39	32	5	4	12	2	1
PC-95	4	41	33	4	3	1	2	1	PY82	19	39	29	4	5	8	8	1	UCL82	50	39	39	5	4	12	3	1
PC97	5	41	33	3	4	1	2	1	PY88*	50	40	30	5	4	7	3	1	UFR8	17	39	40	5	4	2	9	1
PC900	4	5	56					1	*If no test, use alternate settings.									UFR8	17	39	40	5	4	2	9	1

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

(Use TC-62B Adapter.

LFL200-UF86

## B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Serial- Unity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Serial- Unity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Serial- Unity	A	B	C	D	Test Pos.
UF89	12	9	80					1	VI88	6	38	45	7	2	12	8	1	XCH81	3	39	85	5	4	12	1	1
UH84	50	23	58					1	VI102	6	29	92	7	2	12	10	1	XCL82	6	39	33	5	4	12	8	1
UU12	6	39	34	5	4	12	1	1	VI103	6	38	42	8	7	12	2	1	XCL84	6	39	26	4	3	12	8	1
UY82	50	39	29	4	5	6	8	1				71	8	7	12	4	1									
UY85	35	40	20	4	5	1	6	1	VI104	12	38	42	8	7	12	2	1	XCL85	18	39	25	4	5	12	9	1
V2M70	6	41	44	4	3	12	1	1				71	8	7	12	4	1									
V884	6	41	35	4	3	12	1	1	VI105	6	38	48	8	7	12	3	1	XF80	3	9	78					1
VP6	6	41	35	4	3	12	1	1				48	8	7	12	4	1	XF85	3	9	62					1
VP1321	12	41	*55	4	3	1	5	1	VI107	6	29	79					1	XF183	3	9	40					1
VR75	50	38	*70	2	11	3	5	1	VI112	6	30	60					1	XF184	3	9	58					1
									VI114	5	33	16					2	XL96	12	27	57					1
												16						XL84	8	23	68					1
VR90	50	38	*89	2	11	3	5	1	VI115	6	29	63					1	XL86	8	23	58					1
									VI116	6	30	83					1	XL500*	12	44	*25	4	5	2	1	1
									VI117	6	30	84					1									
VR105	50	38	*85	2	11	3	5	1	VI124	1	38	55	7	2	12	5	1	XY88*	16	40	30	5	4	7	3	1
									VI125	1	38	54	7	2	12	5	1									
VR150/30	50	38	*99	2	11	3	5	1	VI126	6	33	15					1	XX0	12	37	41	8	1	12	4	1
												15					2									1
									W17	1	41	55	7	1	5	6	1	XXFM	6	37	43	8	1	12	3	1
VT52	6	28	92					1	W77	6	41	35	4	3	12	1	1									1
VT63	7	29	99					1	W149	6	37	45	8	1	12	6	1									1
VT66	6	29	91					1	W719	6	9	62					1	XRL	6	37	41	8	1	12	9	1
VT74	5	33	12					2	W727	6	1	78					1	YF183	4	9	40					1
									X63M0	6	38	45	7	2	12	5	1	YF184	4	9	58					1
VT86	6	38	52	7	2	12	10	1	X73M8	6	38	45	7	2	12	5	1	YL1371	12	38	*38	7	2	1	5	1
VT87	6	38	44	7	2	12	10	1	X107	19	1	91					1									
VT88	6	38	83	7	2	12	4	1	X155	4	9	55					1	Z14	2	38	53	7	2	12	10	1
			63	7	2	12	5	1	X727	6	1	91					2	Z63	6	38	56	7	2	12	10	1
VT90	6	38	48	7	2	12	3	1	X8767A	6	38	34	7	2	12	5	1	Z719	6	9	78					1
VT91	6	38	48	7	2	12	5	1	XC95	2	41	33	4	3	1	2	1	Z729	6	39	40	5	4	2	9	1
VT93	6	38	50	7	2	12	10	1	XC97	2	41	33	4	3	1	2	1	ZD17	1	41	*55	7	1	5	3	1
VT94	6	29	93					1	XC900	2	5	58					1									
VT96	6	38	47	7	2	12	4	1	XCC189	4	8	30					1	ZD25	1	41	58	7	1	12	6	1
VT97	5	33	32					1	XCF80	4	11	66					2	ZD151	6	39	37	5	4	12	2	1
								2	XCF86	5	38	24	4	5	3	2	1									
								2	XCF801	4	22	62	4	5	1	6	1	ZD152	6	38	37	5	4	12	2	1
								2				25	4	5	1	6	1									
								2				62					1									

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