

# **661D User's Guide**

**JDCI LoanMaker<sup>®</sup>**

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## Description

The 661D system computes and discloses installment loans with monthly payments.

All payments are considered due on the same day of each month and the monthly interest earned is computed by applying 1/12th of the annual interest rate to the outstanding balance for each month. If desired, the first payment may be "deferred" by some number of whole months.

A short "Quick Quoter" routine is available on the "\*" key and uses only four inputs to compute the payment or cash price.

The Payment and Quick Quoter routines have a backup feature which allows you to back up in the prompting routine to correct an entry, and to back up in the disclosure section to review an item. The payment routine can also be reentered using the [Rework] Key without clearing the previous loan. The values previously used are displayed while proceeding through the input routine.

In response to a prompt, enter a value and push [ENTER]. Incorrect entries may be cleared by pressing the red [C·CE] key unless you have already pushed [ENTER], in which case you should use the backup key. You can also use the [Rework] key to start over.

The calculator must be set up for the appropriate province -- refer to the Setup Routine if you need to perform these tasks.

## Payment Routine - [Pmt] & [Rework] Keys

### Prompt

### User Response

	To compute a new loan payment, push the [Pmt] function key. To rework a loan payment, push the [Rework] function key.
<b>PRICE</b> xxxxx. xx?_	If the cash price shown is correct, push [ENTER]; otherwise enter the desired cash price.
<b>TRADE</b> xxxxx. xx?_	If the trade-in allowance shown is correct, push [ENTER]; otherwise enter the correct allowance. (Enter the total allowance, before reduction due to any outstanding liens.)
<b>LIEN</b> xxxxx. xx?_	(Appears only if a trade-in allowance was entered.) If the lien amount against the trade-in allowance shown is correct, push [ENTER];

otherwise enter the correct amount.

**CASH** xxxxx. xx?\_

If the cash down amount shown is correct, push [ENTER]; otherwise enter the desired cash down amount.

**FEES** xxxxx. xx?\_

If the fees shown are correct, push [ENTER]; otherwise enter the correct amount. (The amount entered at this prompt is not subject to either the GST or PST tax.)

**WARNTY** xxxx. xx?\_

If the extended warranty amount shown is correct, push [ENTER]; otherwise enter the correct amount.

**GST** %/\$ xx. xx?\_

If the GST/HST percentage or dollar amount shown is correct, push [ENTER]; otherwise enter the correct value.

**Pp PST** %/\$ xx?\_

If the provincial tax percentage or dollar amount shown is correct, push [ENTER]; otherwise enter the correct value. (The province abbreviation is shown on the left.)

**AMORT** xxx?\_

If the amortization term shown is correct, push [ENTER]; otherwise enter the desired term.

**TERM** xx?\_

If the interest term shown is correct, push [ENTER]; otherwise enter the desired interest term. If an interest term greater than the amortization term is entered, the interest term will be set to the amortization term. (Does not appear in Quebec.)

**RATE** xx. xxx%?\_

If the interest rate shown is correct, push [ENTER]; otherwise enter the desired rate. Note that the interest rate is not cleared unless the CLEAR key is pressed.

**DAYS TO 1ST** xx?\_

If the number of days to the first payment shown is correct, push [ENTER]; otherwise enter the desired number. An entry of 30 (or 0) indicates one month to the first payment.

If the number of days entered is between 60 and 89, one monthly payment is deferred, i.e., the number of regular monthly payments is reduced by one. If the number of days is between 90 and

119, 2 payments are deferred and if between 120 and 149, 3 payments are deferred.

The number and amount of the monthly payment will appear in the display. To disclose the loan continue to push [ENTER], to change any of the loan parameters either push the [Backup] or [Rework] key. To start the routine again (or another routine), push the appropriate function key.

**Sample Disclosure**

<b>PRICE</b>	xxxxxx. xx	
<b>TRADE</b>	- xxxxxx. xx	Trade-in.
<b>LIEN</b>	xxxxxx. xx	Lien (against trade-in).
<b>CASH</b>	- xxxxxx. xx	Cash downpayment.
<b>GST</b>	xxxxx. xx	GST/HST tax amount.
<b>pp PST</b>	xxxxx. xx	Province & provincial tax amount.
<b>FEES</b>	xxxxxx. xx	Fees.
<b>WARNTY</b>	xxxxx. xx	Extended warranty.
<b>TOT CP</b>	xxxxx. xx	Total cash price.
<b>TOT DN</b>	- xxxxxx. xx	Total down payment.
<b>B PAY</b>	xxxxxx. xx	Balance payable.
<b>xx PT@</b>	xxxxxx. xx	Number of payments and amount.
<b>FINAL</b>	xxxxxx. xx	Final payment at end of interest term.
<b>INTRST</b>	xxxxxx. xx	Cost of borrowing.
<b>TOT PT</b>	xxxxxx. xx	Total of payments (incl final payment).
<b>TOT TP</b>	xxxxxx. xx	Total time price.
<b>AMORT</b>	xxx	Amortization period.
<b>RATE</b>	xx. xxx%	Interest rate.
<b>EFF RATE</b>	xx. xxx%	Effective interest rate (Quebec only).
<b>DAYS TO 1ST</b>	xxx	
<b>661D/ttt</b>	abcde	Version & status flags.
<b>COPR</b>	1997 PROM	

## Short Routine - Find Payment or Price - Star [\*] Key

This routine will compute the payment, given a cash price; or the cash price, given a payment. The routine assumes 1 month to the first payment and no insurances or taxes.

<u>Prompt</u>	<u>User Response</u>
	Push the Star [*] Key, to start this routine.
PRICE xxxxx. xx?_	Enter the price and push [ENTER]. Enter a zero "0" here to compute the price.
PMI xxxx. xx?_	(Appears only if price is zero.) Enter the monthly payment amount and push [ENTER].
RATE xx. xxx%?_	If the rate shown is correct, push [ENTER]; otherwise enter the correct rate.
AMDRT xxx?_	If the amortization term shown is correct, push [ENTER]; otherwise enter the desired term. (Does not appear in Quebec.)
TERM xx?_	If the interest term shown is correct, push [ENTER]; otherwise enter the desired interest term.

The monthly payment or available cash price will appear in the display. To start the routine again (or another routine), press the appropriate key. The rework key will "remember" the values from the short routine.

## Utilities & Other Information

### Adjusting the Display Contrast

The calculator is equipped with a control to adjust the contrast of the LCD (liquid crystal display). As the batteries age, the contrast will need to be adjusted from time to time. Adjust the display contrast with the knob on the right-hand end of the computer (under the On/Off switch). While looking at the display from a position about 70 degrees above the keyboard, first increase the contrast until black squares are clearly visible behind the characters and then decrease the contrast slowly until the squares just disappear.

If the display contrast becomes too dim, the batteries should be replaced.

## Initializing the Software Cartridge

After replacing the batteries or if you remove the Software Cartridge from the calculator, you will need to initialize the Software Cartridge with the following steps. Software Cartridges have a label on the back side (the side that faces the calculator) which has instructions similar to the following.)

1) Install the Software Cartridge in the calculator. With a pencil or straightened paper clip and the calculator ON, push the "ALL RESET" button on the left side of the back of the calculator. You should see 4 stars in the display (2 on the left, 2 on the right). (The "ALL RESET" button may be underneath a label affixed to the left side of the back of the calculator. If so, gently lift up the lower left corner to reveal the "ALL RESET" button.)

2) Push [ENTER]. You should now see a single star at the right edge of the display.

3) Turn the calculator off, wait three seconds, and then turn it back on.

4) Push the [Setup] key. You should see "CONFIGURING..." appear for a moment and then the program version. Refer to the section on Setup routines to set up the calculator.

## Using the Optional Printer

If the printer "Power" switch is turned off, turn it on before you turn on the calculator. Make sure there are good batteries in the printer. If the printer batteries are low, the calculator may not operate when connected to the printer and will report **ERROR 8 (i n xxx)**. The printer is furnished with an AC cord which should be used whenever possible.

You can also use the calculator without the printer by simply disconnecting the calculator from the printer. To enable or disable printing, see the Setup Routine, Select Printer.

## Tax Options based on Province Selection

<u>Num</u>	<u>Prov</u>	<u>HST</u>	<u>GST on Warr</u>	<u>PST on Warr</u>	<u>PST on GST</u>	<u>PST Trade Credit</u>	<u>Eff Int Rate</u>
1	AB	-	y	-	-	-	n
2	BC	-	n	n	n	n	n
3	MB	-	y	y	n	y	n
4	NB	y	y	n	-	y	n
5	NF	y	y	n	-	y	n
6	NT	-	y	y	n	y	n
7	NS	y	y	y	n	y	n
8	ON	-	y	y	n	y	n
9	PE	-	y	y	y	y	n
10	QC	-	y	y	y	y	y
11	SK	-	y	y	n	n	n
12	YT	-	y	y	n	y	n

## Setup Routine - [Setup] Key

The setup routine uses a series of codes to access various routines.

### Prompt

CODE?\_

### User Response

Enter the appropriate access code (see below).

### Select Province

Code = 15

PROV ON Y/N?\_

Enter the appropriate code for the desired province (see table below) or push [ENTER] to scroll up the list or [NO] to scroll down the list and then push [YES] to select the province:

1	AB	7	NS
2	BC	8	ON
3	MB	9	PE
4	NB	10	QC
5	NF	11	SK
6	NT	12	YT

ENG/FRAN 1/2 x?\_

Enter a "1" for English, or a "2" for French prompts and legends.

### Select Printer

Code = 9911

PRINTER (Y/N)?\_

Push [YES] to enable the printer, or [NO] to disable it.

### Review Tax Flags

Code = 222

Enter this code to review the GST/HST and PST tax options.