

# Loan Payment Skip

[BANNO.LOANPAYMENT.SKIP.V1.POW]

v 1.1.2

Program Overview

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## Overview

This PowerOn allows the user to select one or more eligible loans and, for a fee, have the loan due date and loan maturity date advanced by either one month (28 days for payment frequencies 6,7,8,9,11 or 12) or 1 payment cycle.

## UX Run-Time Detail

Upon the member electing to run the program, the Banno UX displays a list of eligible loans the member can elect to skip. For each open eligible loan, the current amount due and due date are displayed. For open loans which are not eligible, the reason for the loan's ineligibility is displayed. Upon selecting an eligible loan, the member is prompted for the share which will be used for the fees.

< Skip a payment

**Eligible loans**

☒ 2018 LAND ROVER RANGE ROVER  
x0040  
\$502.44 due on 01/15/2022

**Ineligible loans**

MY VISA CARD  
x0049  
Insufficient time since loan was opened

< Skip a payment

The total fee amount is \$35.00.

**Select a share for the loan payment skip fee**

☐ REGULAR SHARES (0)  
x0000

☐ SUMMER SAVER  
x0002

☒ REGULAR CHECKING  
x0010

A summary screen is displayed for the member to view and approve. Upon approval the skip is immediately performed.

< Skip a payment

**Terms and conditions**

By agreeing, the following payment skips will be processed.

2018 LAND ROVER RANGE ROVER  
x0040  
Payment: \$502.44  
Original payment date: 01/15/2022  
**New payment date: 02/15/2022**

In consideration, a fee of \$35.00 per payment skip, will be charged to your share REGULAR CHECKING (x0010).

**Total fee: \$35.00**

This section is where the CU can include custom verbiage. This is test verbiage. This is test verbiage. This is test verbiage. This is test verbiage. This is test verbiage. This is test verbiage. This is test verbiage. This is test verbiage. This is test verbiage. This is test verbiage. A single blank line (as above) forces a new line in the display.

< Skip a payment

Your loan payment skip request has been processed and completed.

**Recap**

2018 LAND ROVER RANGE ROVER  
x0040  
Payment: \$502.44  
Next due on: 02/15/2022  
Fee: \$35.00  
Share debited: REGULAR CHECKING

## PowerOn Run-Time Detail

When first run by the member, the program reads the various parameter settings from the Letter file, looks for loan tracking records pertaining to skip payments and based upon these settings and values, determines whether the account is eligible to perform a loan payment skip (account eligibility). If the account is eligible, the program then generates a list of eligible and ineligible loans as well as a list of shares eligible to be used for the skip payment fee. This data, along with the fee amount and the terms and conditions is then passed to the Banno UX for display to the member.

Once the member has made their selections and those selections are passed back to the PowerOn by the Banno UX, the program performs the payment skip

## Program setup & Installation

Upload the necessary files to their respective folders. The easiest way to upload them is to use the Episys PC Transfer function.

### Required Files

- REPWRITERSPECS folder
  - BANNO.LOANPAYMENT.SKIP.V1.POW (Main PowerOn program)
  - Standard PowerOn library include files which should already be in your system
    - RB.LISTEXPAND.DEF
    - RB.LISTEXPAND
- LETTERSPECS folder
  - BANNO.LOANPAYMENT.SKIP.CFG (Main program configuration Letter file)

### Installation steps

- Upload files to their respective directories
- Install the PowerOn program for demand use
- Add the PowerOn program name to SymXchange Common Parameters
- Refresh SymXchange
- Update the settings in the configuration Letter file. The configuration Letter file contains details for the various settings.
- Add the program to Banno People

### Configuration Letter file

The configuration Letter file allows certain aspects of the program to be customized to better suit your needs. Among the options which can be set are:

- Determine program availability by calendar dates
- Determine member eligibility by account warning code(s)

- Determine loan eligibility by loan type(s) loan service code(s), minimum and/or maximum payment amounts, loan warning code(s), loan seasoning, time since last skip, maximum skips allowed per loan, per year, or time since last skip, past due status, number of DQ payments per payment types, payment frequency type,
- Establish how the due date and maturity date are to be advanced: by a set amount (28 days or 1 month) or based upon the loan payment frequency.
- Utilize a test function to facilitate testing newer changes in a production environment.

## Database Interaction

### Data Sources

Data utilized by the program is pulled from the following sources:

- Member's open loan records.

### Transactions / File Maintenance Performed

- The program updates the following fields in the loan record
  - DUEDATE                      The new due date
  - MATURITYDATE              The new loan maturity date
- If the update of the loan fields was successful, then the program creates a loan tracking record under the loan for which the payment was skipped. The loan tracking record contains the following information:
  - USERDATE1                The system date
  - USERDATE2                The loan's original due date
  - USERDATE3                The loan's new calculated due date
  - USERDATE4                The loan's original maturity date
  - USERDATE5                The loan's new calculated maturity date
  - USERAMOUNT1            The calculated fee amount for this payment skip
  - USERAMOUNT2            The loan payment amount (LOAN:PAYMENT)
- If the creation of the loan tracking record was successful, then the program debits the selected share for the skip payment fee.

## Additional Information

### Loan Tracking Records

The program uses the existence of these tracking records (regardless of whether it's expired or not) along with the date value in the USERDATE1 field to determine the number of skips performed in the prior rolling year, when the last skip was and how

long it's been since the last skip for any given loan. There will be a loan tracking record created under each loan each time a skip is performed against that given loan.

#### Shares eligible for fees

The program looks for shares which are not closed, not charged-off which are a valid share type based upon the Letter file configuration settings and which have an available balance sufficient to cover the anticipated fee to be charged.. With test mode turned on and at least one member number listed in the

#### Test Mode

There is a new "Test Mode" parameter setting. To facilitate testing in a live environment, with test mode turned on and at least one member number listed in the corresponding "Test Member List" parameter setting, any programming changes in this most recent version will only be implemented when being run by members listed in the Test Member List parameter. With Test Mode turned off, full program functionality will be used for all members.

#### SKIPPAYMENT.XXX

This Banno PowerOn program is not designed to work with the SKIPPAYMENT.XXX Episys on-demand program from Episys Professional Services.

## Program Change History

Please note: For changes pertaining to parameter settings in the configuration Letter file, additional and more detailed information can be found within the Letter file itself.

Ver. 1.0.0

- Original Programming

Ver. 1.0.1 03/24/2020

- Fixes for no fee and skip period

Ver. 1.0.2 04/16/2020

- Fixes for invalid punctuation in share descriptions

Ver. 1.0.3 06/16/2020

- Correct new due date and maturity date to insure it falls on the correct day of the week.

Ver. 1.0.4 10/28/2021

- Correct processing of disclosure blank lines.
- Added forced space between consecutive lines of text

Ver. 1.0.5 11/30/2021: TKainz – Banno

- Changed max DQ grace days from 30 to unlimited

Ver 1.1.0 02/04/2021: TKainz – Banno

- Added parameter to allow loan eligibility to also be based upon loan payment frequencies.
  - Only loans with one of these payment frequencies will be eligible
- Added parameter to allow due date advancement to be based upon the LOAN:PAYMENTFREQUENCY.
  - Biweekly due date advanced by 2 weeks, weekly by one week, quarterly by 3 months, etc.
- Added parameter setting and additional logic for skip first/skip last loan frequencies even though they may be set for the "M" (1 month/28 day) due date advance option.
  - Allows the use of the standard 1 month / 28 day due date advancement but enforces skip first / skip last policies.
- Added parameter setting for min. number of payments requirement
  - Loans must have a LOAN:PAYMENTHISTORY:1 value equal to or greater than this setting in order to be eligible.
- Added parameter for loan eligibility to be based upon loan not having a certain approval code
  - Loans with one of these LOAN:APPROVALCODE values will be ineligible
- Added parameter to allow loan eligibility to be based upon max number of DQ payment counts
  - Any loans where the LOAN:PAYMENTHISTORY:[2-6] value exceeds these corresponding limits will be ineligible. Each value (2 thru 6) can be set independently.
- Added parameter allowing program to be run in test mode.
  - With test mode on, only accounts listed as a test account will have these newest changes processed on the account when the member runs the program.
- Added JSON output of debug code, parameter file settings and current program test mode and account's test status.

- Debug code will automatically be added to JSON output for the first 90 days after the most recent program modification date for ease of researching any reported issues.
- Ver 1.1.1 03/04/2022: TKainz – Banno
  - Corrected Configuration Letter file name
- Ver 1.1.2 01/12/2023: TKainz – Banno
  - Modified CFG Letter file read error handling
  - Corrected loan disqualification check loop
  - Corrected test mode pay frequency logic
  - Reworked param LF read procedure
  - Other code cleanup