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| **Project Identification** | | | | | | | |
| **Project Name** | | | | | | | |
| Project Tatsu: Toyo Tires GT + CA | | | | | | | |
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| Toyo Tires | | | | | | | |
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# General Information

## Overview

CR-066 was the source of this requirement.

The Warranty Claims process will, if the claim is approved, result in a credit accounting document being posted to the customer’s A/R account. The Toyo business requires that a PDF form be created for printing or e-mail to the customer to document the credit posted.

## Business Requirements

The objective is to have an output that is similar in format to the sales Credit Memo. This will largely relate to the header information, as the line items will be more specific to the Warranty fields.

The credit memo must be created automatically when the accounting document is generated by the warranty process.

## Assumptions

The Warranty credit note output can “borrow” from the credit note created for Sales.

## Integration Points and Dependencies

Not directly impacting this development, but the business may want these credit memos to be consolidated into any customer statement outputs that go to the customer. As Warranty is a separate module, distinct from Sales, that may represent a challenge downstream.

Note that where SD billing output exists in the V3 application space, Warranty is in the RW application.

## Security and Control Considerations

<List data security or sensitivity considerations, a proposed business role for the transaction, and any business process controls that will need to be validated as part of this WRICEF>

## Other Relevant Information

Warranty message determination configuration can be viewed using t-code OWTY and then following the path: Warranty Claim Processing 🡪 Message Determination (t-codes OWTYM00. OWTYM11, OWTYM21 and OWTYM31).

There is an SAP-delivered output type W001 – Credit Memo Print that includes a form WTY\_CLAIM01. The developer should examine this output to determine if there are components available that can be adapted, rather than building something from scratch.

# Functional Unit Test Scenarios

| Test Case | Description | Fiori Tile / Navigation | Expected Results |
| --- | --- | --- | --- |
|  |  |  |  |
| Acc.Documents created | Accounting document created |  | The saving of the claim after action A041 is executed results in accounting document being created and Credit Memo output to be triggered. |

# Output Forms

|  |  |
| --- | --- |
| Form Type | SmartForm,  SAPscript,  Adobe,  Other |
| Form Name(s) |  |
| Print Program |  |
| Initiating Fiori Tile | Process Claim (WTY) |
| Source Form if Copying |  |
| Source Print Program if Copying |  |
| Output Type | Letter (8.5 x 11),  A4,  Label,  Other |
| Label Output Size |  |
| Intended Audience | Customer |
| Intended Localizations | TCI |

## Form Layout (Sort/Sequencing Criteria)

Utilize the same header layout as ZD00-Toyo Invoice with the changes noted herein. While the underlying Warranty process is different than the Sales and Distribution process, the end result to the customer from an output standpoint is either a Credit Memo or a Credit Memo Cancellation.

A copy of the mockup is attached, but the screenshot below will help to explain the source of the identified fields and field groups. Before that, it may be useful to show anyone not familiar with the Warranty process how the different tables are organized. Not all of the tables diagramed here are required for this spec.

a

A diagram of a toyo warranty

Description automatically generated with medium confidence

A picture containing text, screenshot, font, number

Description automatically generated

1. Credit Memo number = BSEG-BELNR where   
    BSEG-ZUONR = PNWTYH-CLMNO and BSEG-BSCHL = 11.
2. Sold-to = WTY\_PARTNER\_TAB-PARNR where   
    WTY\_PARTNER\_TAB-PARVW = AS, + ADRNR for address details.
3. Ship-to = WTY\_PARTNER\_TAB-PARNR where WTY\_PARTNER\_TAB-PARVW = SH (WE),   
    + ADRNR for address details.
4. Date = BSEG-VALUT where   
    BSEG-ZUONR = PNWTYH-CLMNO and BSEG-BSCHL = 11.
5. Hybris Claim Number = PNWTYH-REFNO
6. Characteristics – for item or equipment characteristics use PVWTY-POSNR = 1
   1. Claim Date = PNWTYH-REFDT
   2. Purchase Date = PVWTY-I\_GWLDT
   3. Vehicle Operator = AUSP-ATWRT where ATINN=VEHICLE\_OPERATOR
   4. Vehicle Year = AUSP-ATWRT where ATINN=VEHICLE\_YEAR
   5. Vehicle Make = AUSP-ATWRT where ATINN=VEHICLE\_MAKE
   6. Vehicle Model = AUSP-ATWRT where ATINN=VEHICLE\_MODEL
   7. Odometer ON = AUSP-ATFLV where ATINN=ODO\_ON
   8. Odometer OFF = AUSP-ATFLV where ATINN=ODO\_OFF
7. Line Item Detail
   1. SEQ = PVWTY-POSNR
   2. QTY = PVWTY-QUANT
   3. Item Number = PVWTY-MATNR
   4. Description =
8. Line Item Pricing: from PRCD\_ELEMENTS where KNUMV = PNWTYV-KNUMV and KPOSN = PVWTY-POSNR
   1. List Price = KWERT where (KSCHL = PRIC if KINAK = " ") else (KSCHL = PN00)
   2. Discount = KWERT where KSCHL = ZBAS if KINAK = " ") else (KSCHL = NETP)
   3. Adjusts = Net of KWERT where KSCHL = ZTD + ZDIS + ZCON
   4. Net Price = Net of a, b and c
   5. Amount = Net Price \* QTY
9. Subtotal Detail
   1. Subtotal = Sum of line-item Amounts
   2. Concession = Sum of KWERT where KSCHL = ZCON
   3. Handling = Sum of KWERT where KSCHL = ZHDL
   4. Mount and Balance = Sum of KWERT where KSCHL = ZMB
   5. Dealer Buy-back = Sum of KWERT where KSCHL = ZBB1
   6. Casing Value = Sum of KWERT where KSCHL = ZCAS
   7. GST/HST = Sum of KWERT where KSCHL = JRC1 and JRC4
   8. PST/QST = where KSCHL = JRC2 and JRC3
   9. TOTAL = Sum of a to h
10. Payment Terms = BSEG-ZTERM BELNR where BSEG-ZUONR = PNWTYH-CLMNO and   
    BSEG-BSCHL = 11.

## Print program special consideration

<Checks the print program needs to perform, including if the program needs to select a slightly different version of the form than is defined in config>

## Form logic

<Logic or calculations required to produce specific values that do not have obvious sources>

## Detailed Technical Design

<All objects created for this WRICEF  
Specific Code logic that needs to be understood to support  
Technical dependencies>