PLA Life Cycle –User Manual

November 2020

Version 1.0

Life Cycle(Part Tree) Overview

- Introduction
- System walkthrough

Introduction

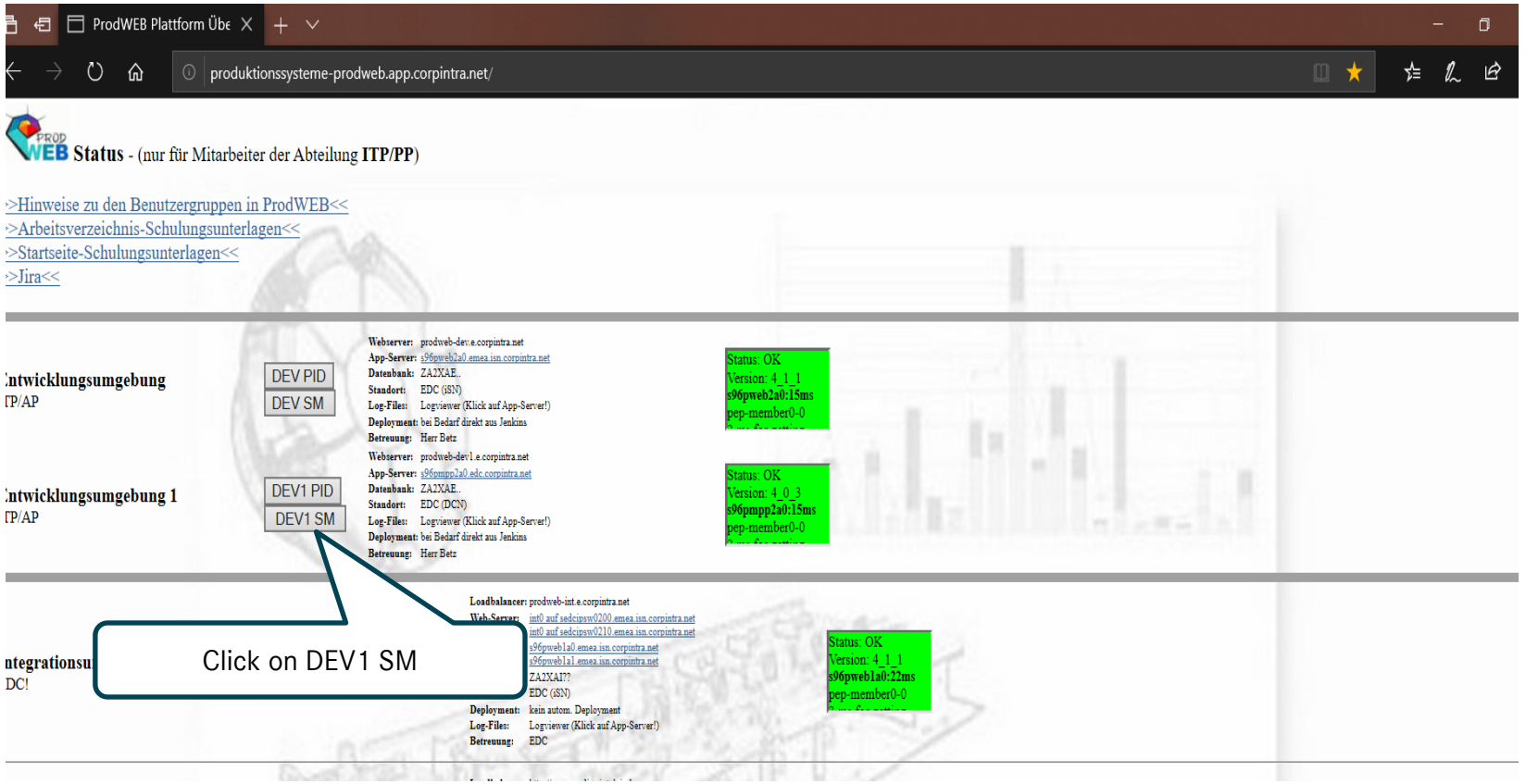
The lifecycle is one of the main elements of the PLA application. It is the visual representation of a part's complete lifecycle. Each and every information belonging to a part is displayed in this easy-to-use tree view. On the left hand side there is a tree that represents data categories. On the right hand side there is a tab section. Lifecycle for any part can be open from all modules(Search, Recall, IDC, Single Recall).

Life Cylce can be opened from two ways-

- Protected view from any module.
- Public view using Direct link.

Initiation

- Navigate to http://produktionssysteme-prodweb.app.corpintra.net/.

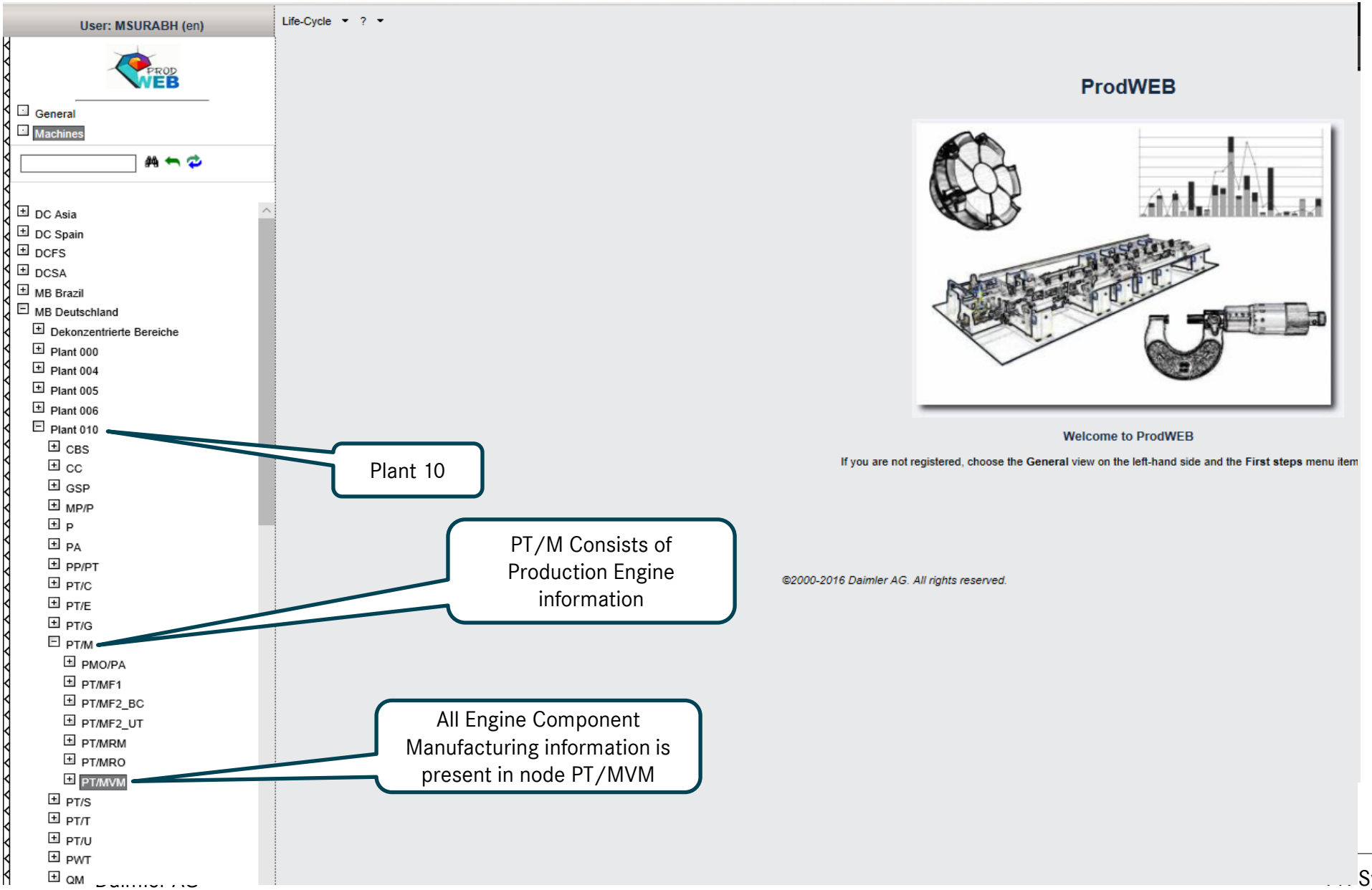


Click on Dev1 SM and
Enter your credentials

Initiation

Enter valid user name and password and Click on Log on button

Home Page-Prod web tree

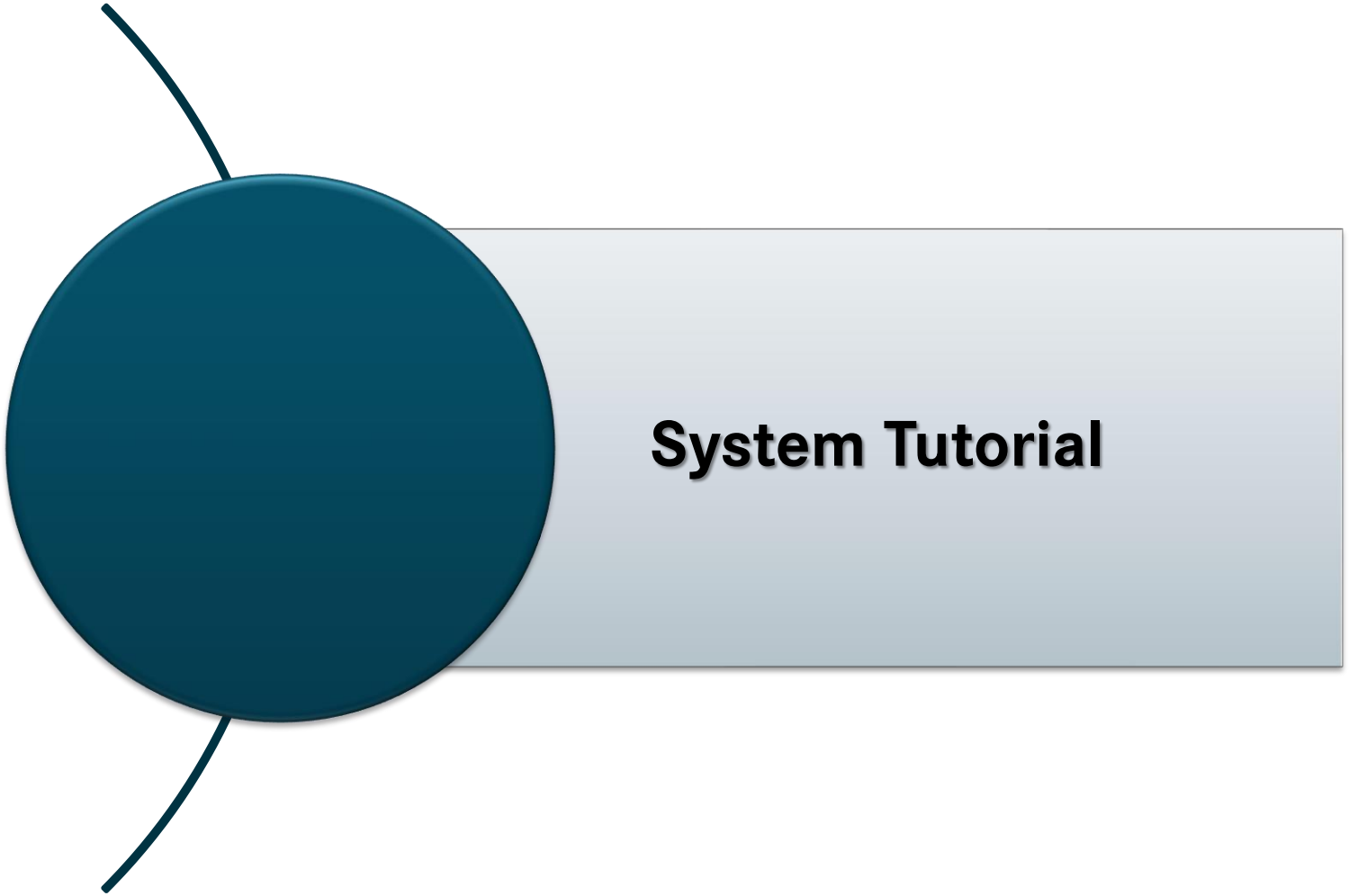


On Click of login button Prod web page is displayed.

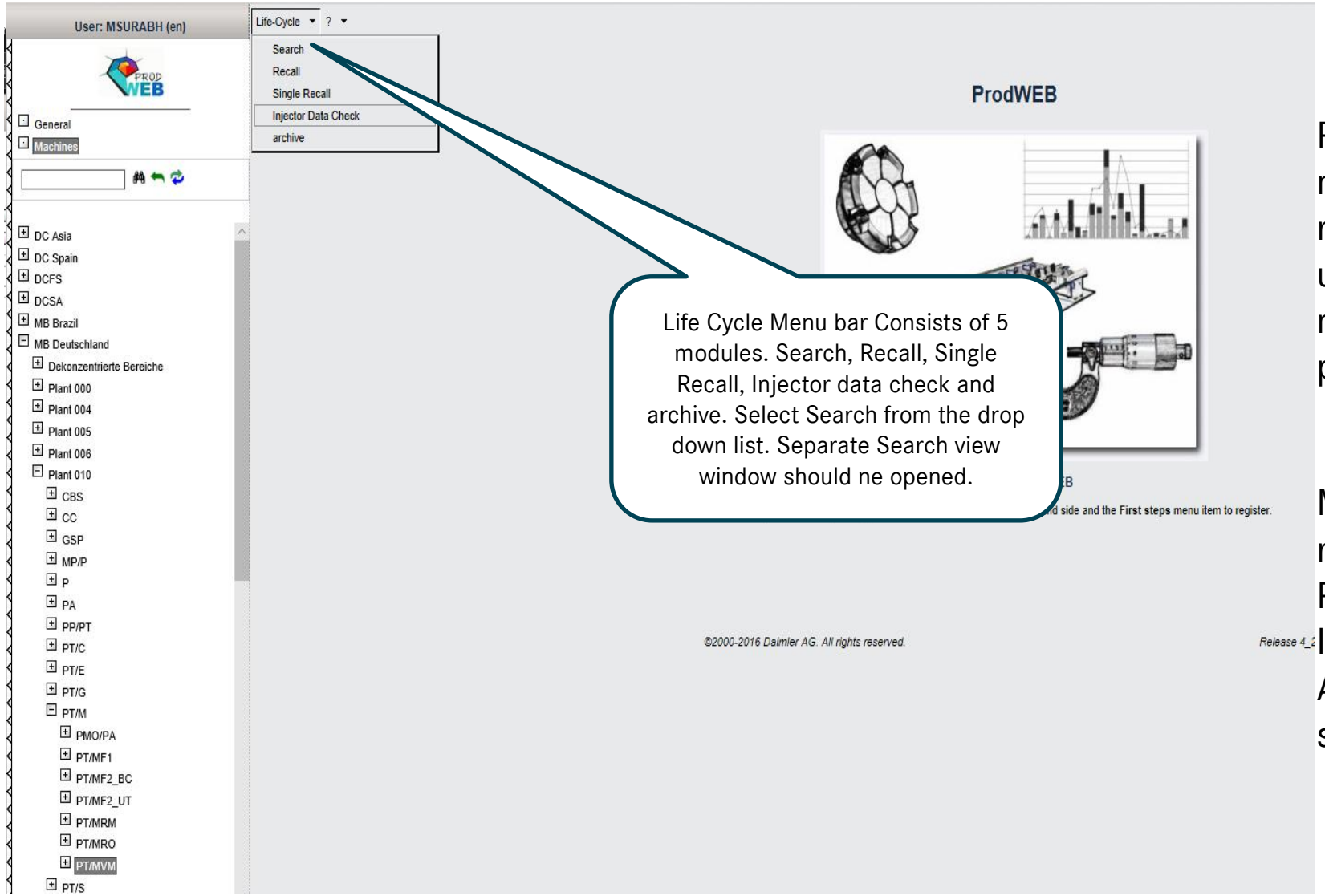
PLA user can select respective Plants and Cost center and access the PLA application

To select particular node navigate from Machines->Plant 10 →Production Engines[PT/M] → PT/MVM

Content



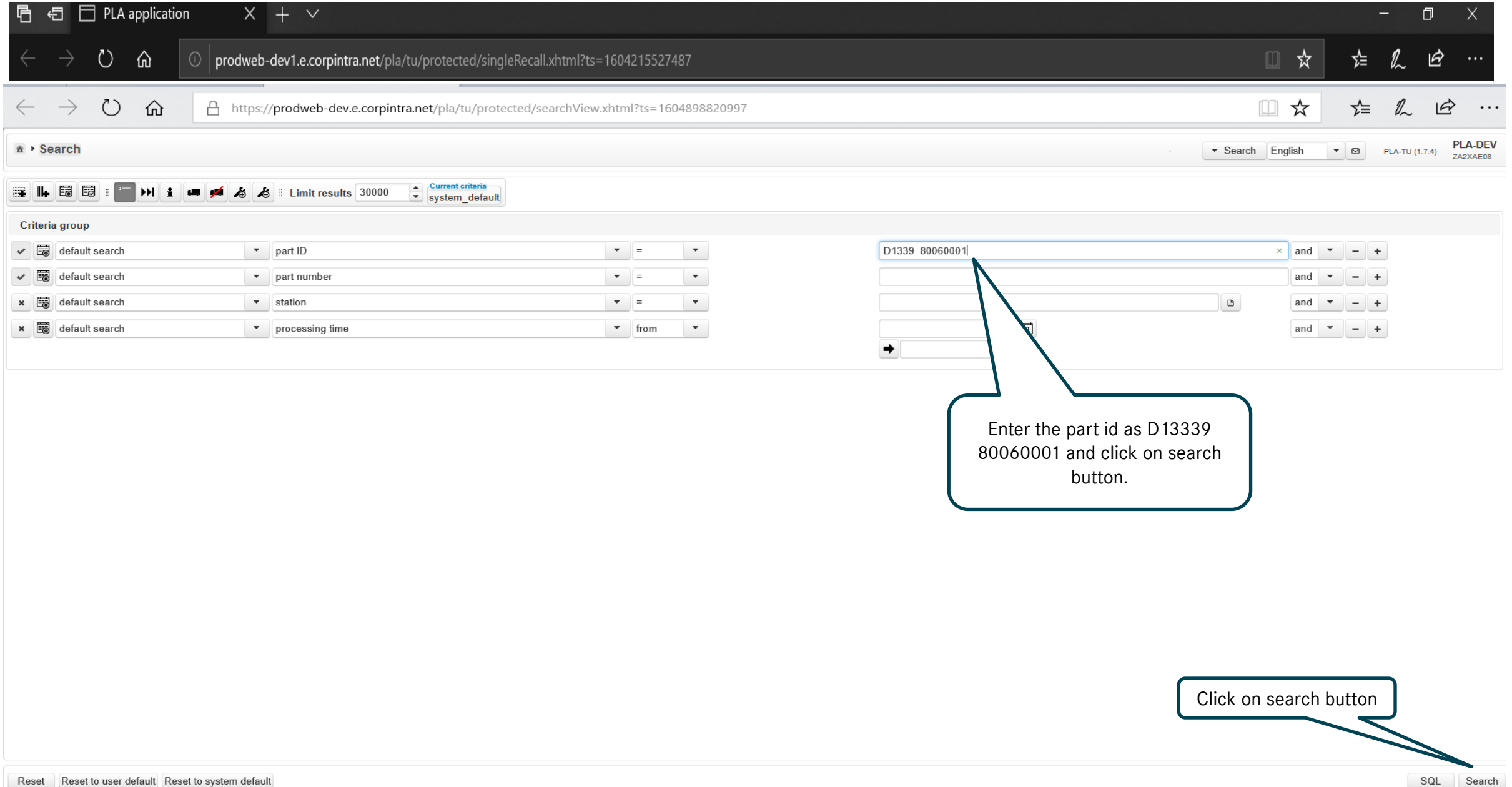
System Tutorial Navigation



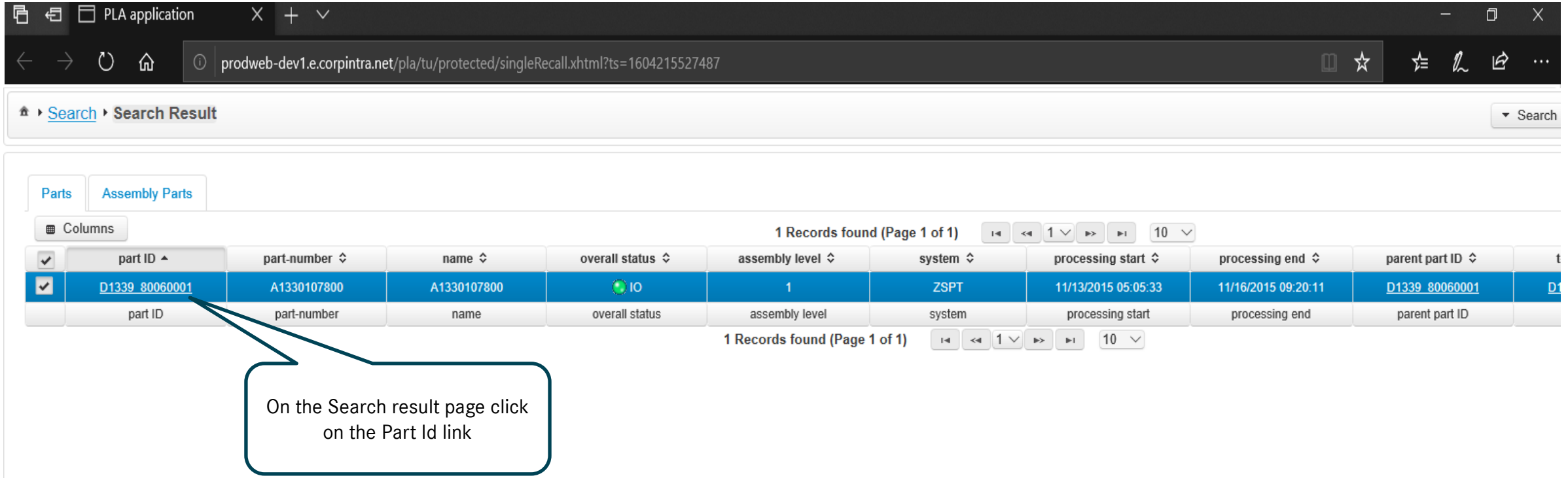
PLA-User can access any module based on the rights assigned to each user. On Click of Search module Search view page will be displayed

MBRDI is only responsible for Search, Recall, Single recall and Injector Data check. Archive is not in the scope of MBRDI.

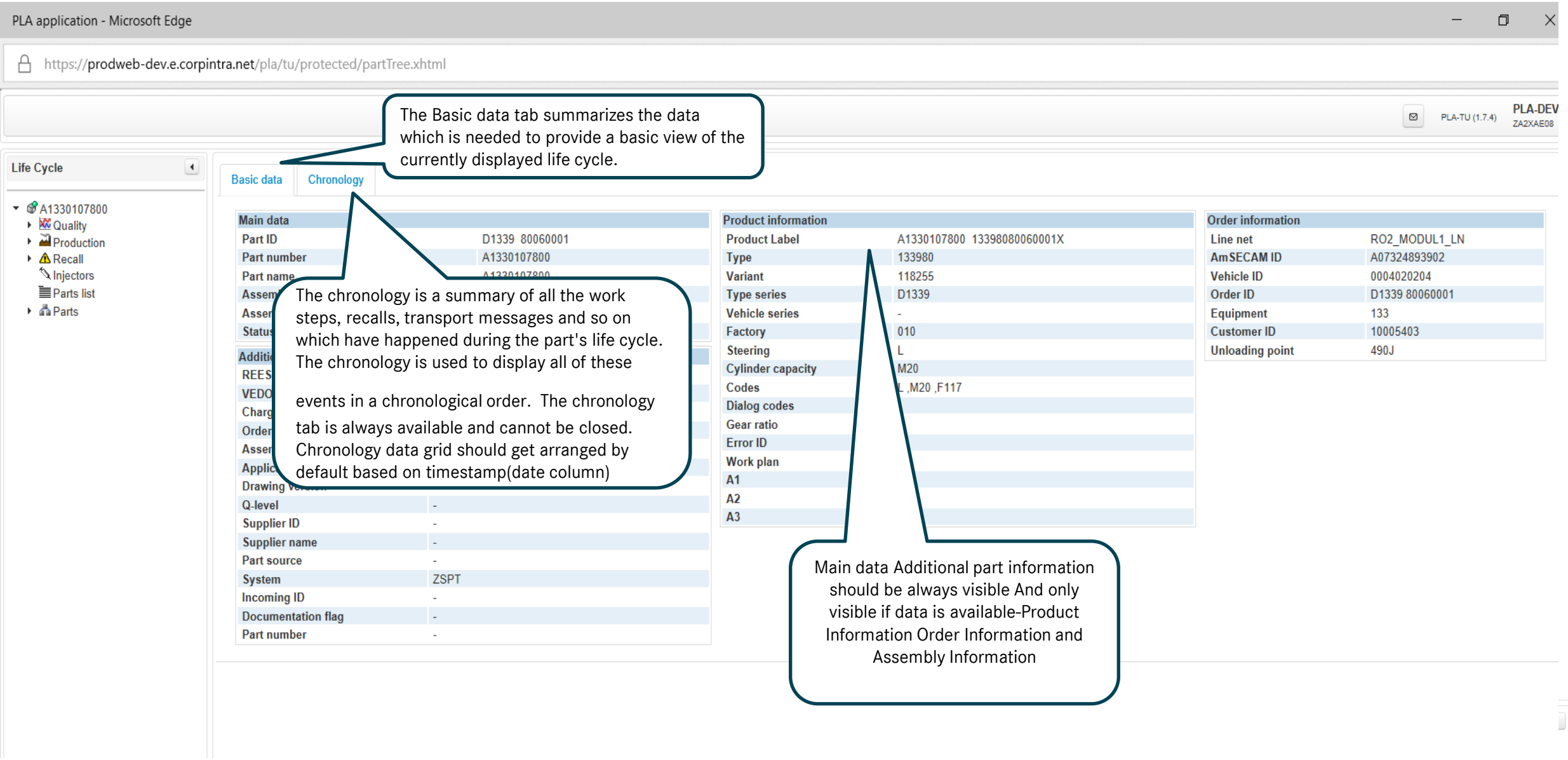
Search View Page



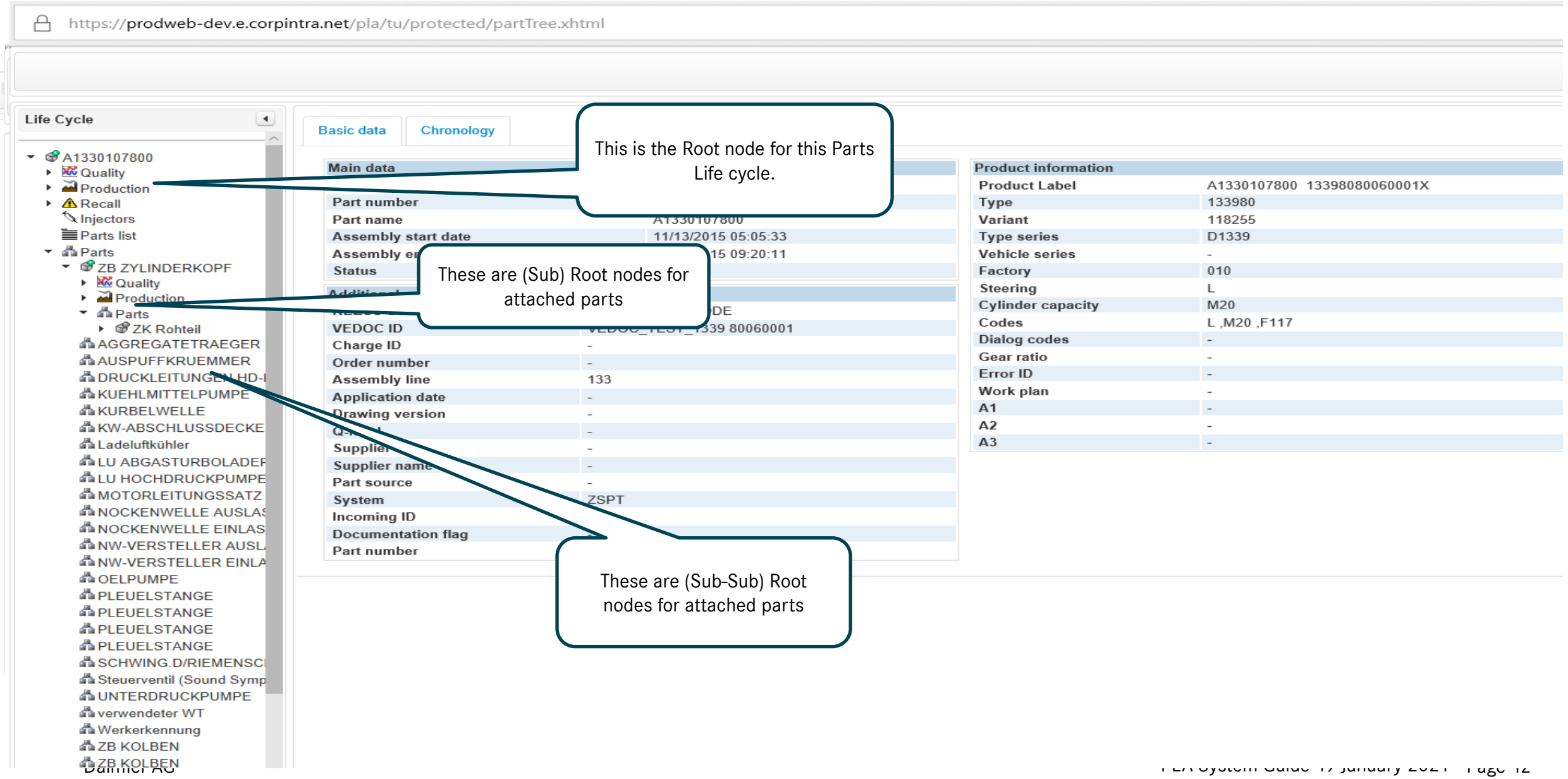
Search Result Page



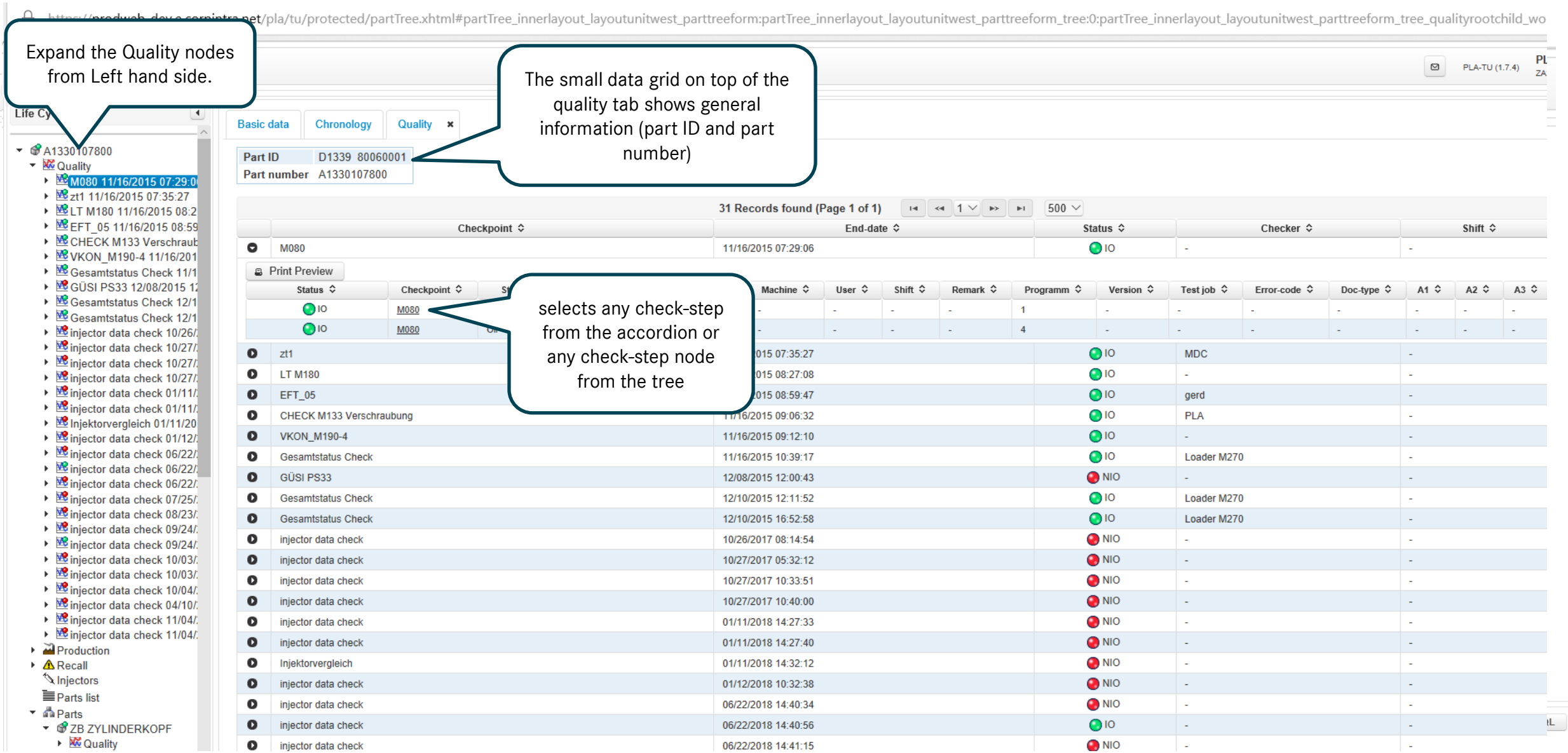
Life Cycle


PLA application - Microsoft Edge
https://prodweb-dev.e.corpintra.net/pla/tu/protected/partTree.xhtml
PLA-TU (1.7.4)
PLA-DEV
ZA2XAE08
Life Cycle
A1330107800
Quality
Production
Recall
Injectors
Parts list
Parts
Basic data
Chronology
The Basic data tab summarizes the data which is needed to provide a basic view of the currently displayed life cycle.
The chronology is a summary of all the work steps, recalls, transport messages and so on which have happened during the part's life cycle. The chronology is used to display all of these
events in a chronological order. The chronology tab is always available and cannot be closed. Chronology data grid should get arranged by default based on timestamp(date column)
Main data
Part ID D1339 80060001
Part number A1330107800
Q-level -
Supplier ID -
Supplier name -
Part source -
System ZSPT
Incoming ID -
Documentation flag -
Part number -
Product information
Product Label A1330107800 13398080060001X
Type 133980
Variant 118255
Type series D1339
Vehicle series -
Factory 010
Steering L
Cylinder capacity M20
Codes L ,M20 ,F117
Dialog codes
Gear ratio
Error ID
Work plan
A1
A2
A3
Order information
Line net RO2_MODUL1_LN
AmSECAM ID A07324893902
Vehicle ID 0004020204
Order ID D1339 80060001
Equipment 133
Customer ID 10005403
Unloading point 490J
Main data Additional part information should be always visible And only visible if data is available-Product Information Order Information and Assembly Information

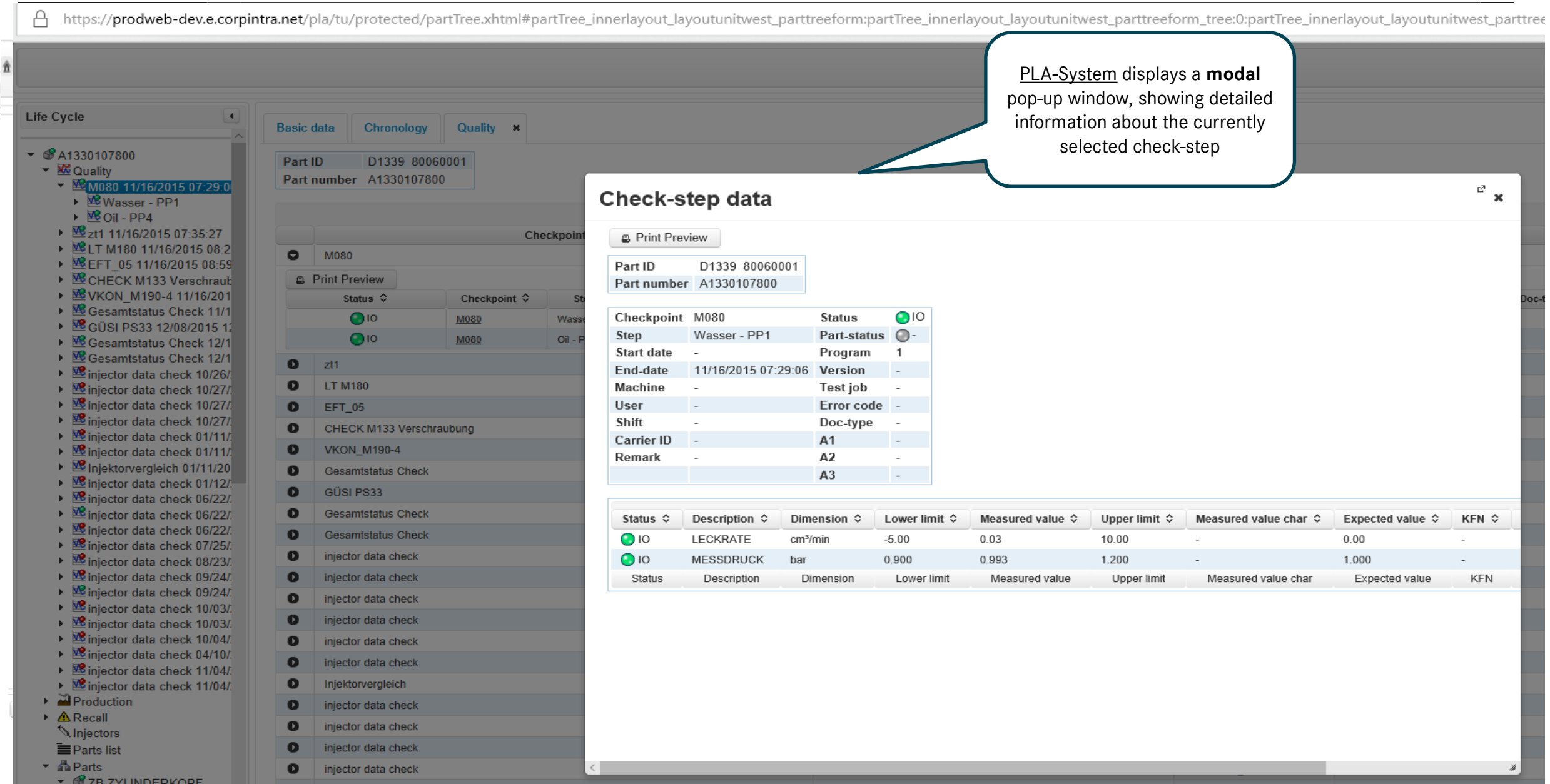
Life Cycle


https://prodweb-dev.e.corpintra.net/pla/tu/protected/partTree.xhtml
Life Cycle
A1330107800
Quality
Production
Recall
Injectors
Parts list
Parts
ZB ZYLINDERKOPF
Quality
Production
Parts
ZK Rohteil
AGGREGATETRAEGER
AUSPUFFKRUEMMER
KUEHLMITTELPUMPE
KURBELWELLE
KW-ABSCHLUSSDECKE
Ladeluftkühler
OELPUMPE
PLEUELSTANGE
PLEUELSTANGE
PLEUELSTANGE
PLEUELSTANGE
UNTERDRUCKPUMPE
verwendeter WT
Werkerkennung
ZB KOLBEN
ZB KOLBEN
Basic data
Chronology
Main data
Part number
Part name
A1330107800
Assembly start date
11/13/2015 05:05:33
Status
VEDOC ID
Charge ID
Order number
Assembly line
133
Application date
Drawing version
Supplier
Supplier name
Part source
System
ZSPT
Incoming ID
Documentation flag
Part number
Product information
Product Label
A1330107800 13398080060001X
Type
133980
Variant
118255
Type series
D1339
Vehicle series
Factory
010
Steering
L
Cylinder capacity
M20
Codes
L ,M20 ,F117
Dialog codes
Gear ratio
Error ID
Work plan
A1
A2
A3
This is the Root node for this Parts Life cycle.
These are (Sub) Root nodes for attached parts
These are (Sub-Sub) Root nodes for attached parts

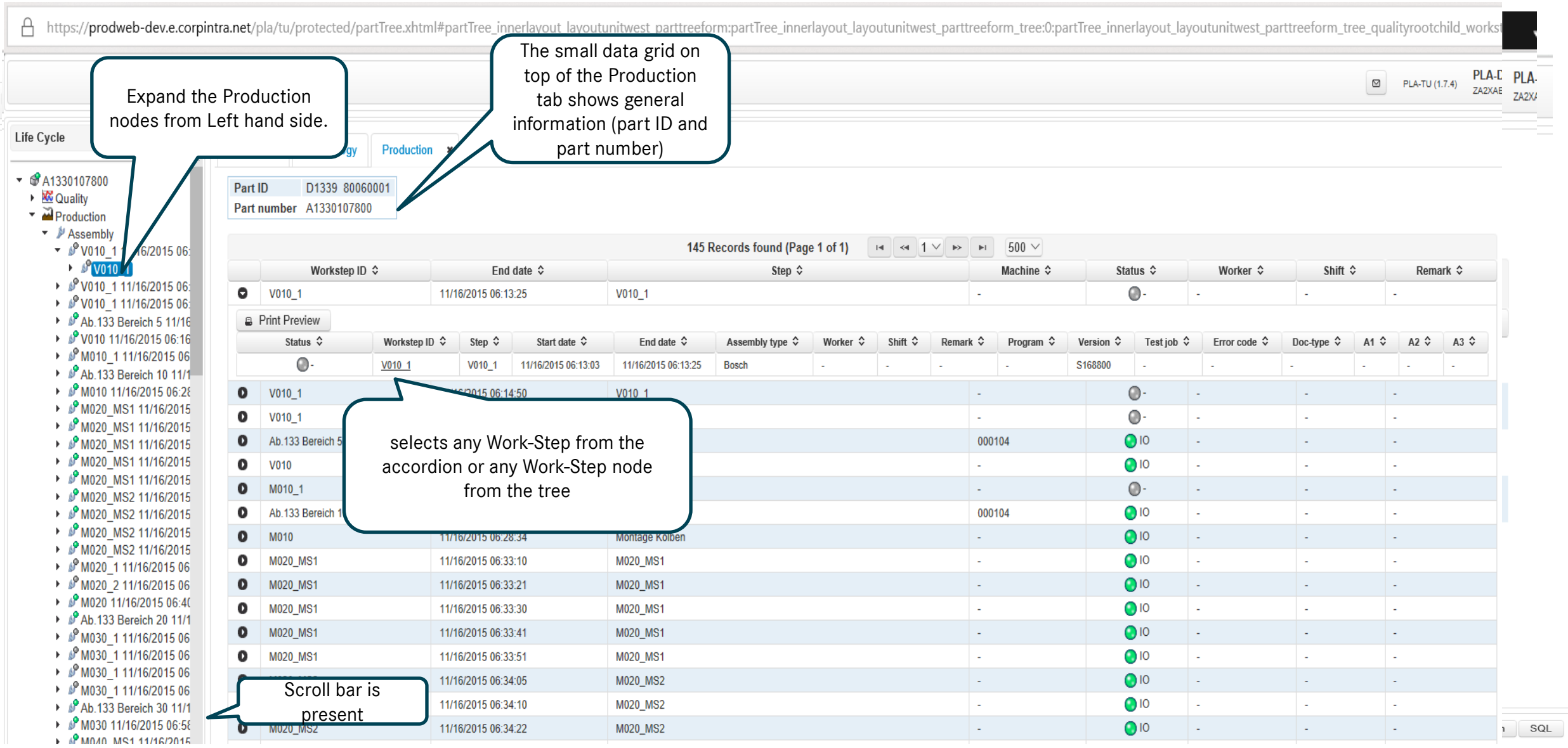
Life Cycle_Quality



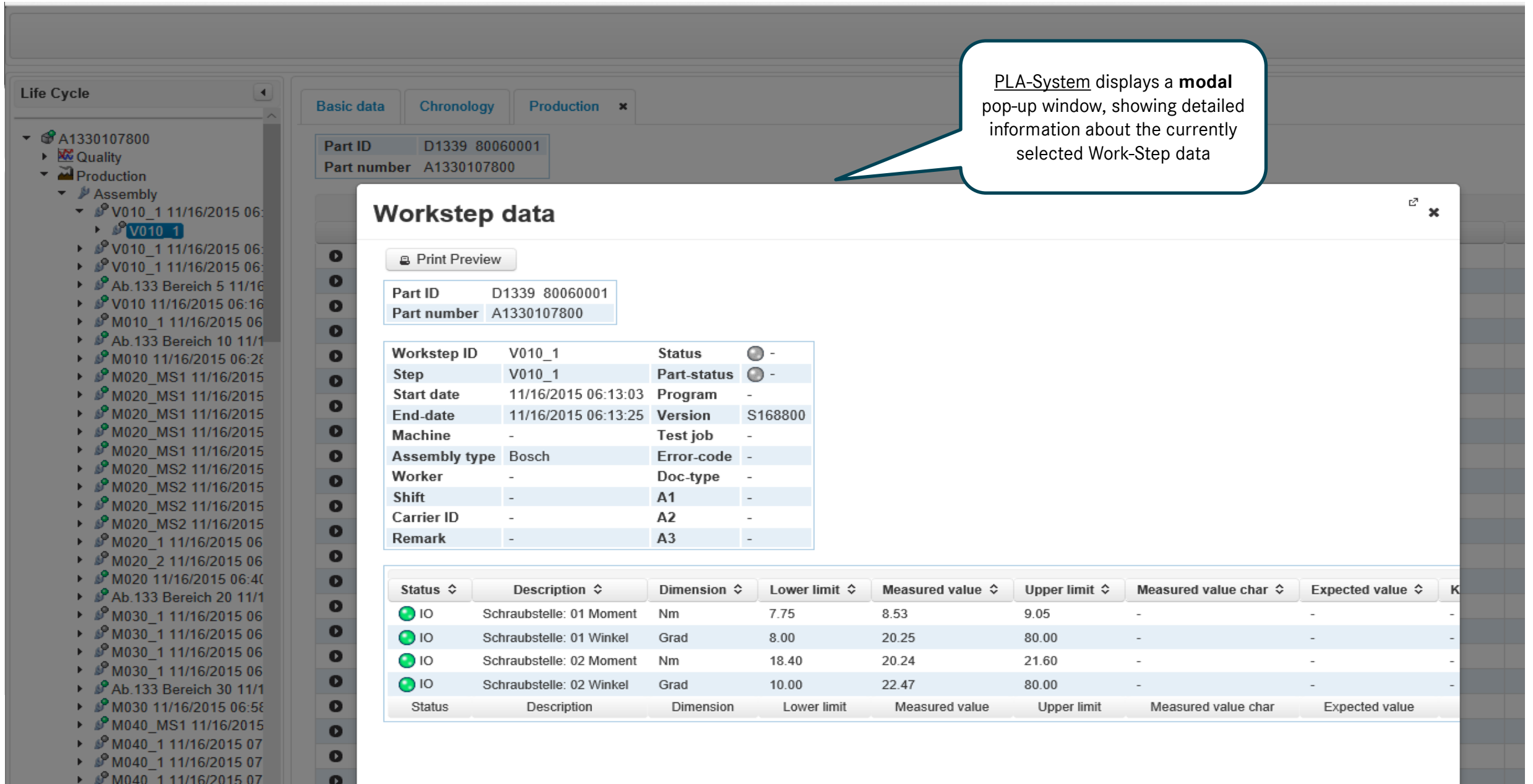
Life Cycle_Quality_Check-Step



Life-Cycle_Production



Life-Cycle_Production_Work-step



Life Cycle

Lifecycle – logistics

The logistics node is used to display all available logistics information related to the actual part. If no information is available, the node is not shown in the tree. If logistics information is available, every sub node of the shipments node represents one shipment.

Lifecycle - recalls

The recall view summarizes all the recalls, the part is assigned to. It's also used to display the historic recall data, so that every recall operation can be tracked by the PLA-User / PLA-Recall User.