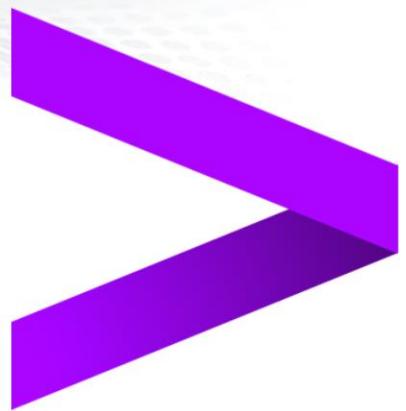


SAP (IAM)

**Intelligent
Asset
Management**



Rotable Equipment Installation & Dismantaling Process

Document Control

Prepared by:

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2.0		

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Version	Date	Name
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Reference Documents

The following section describes relevant documentation:

Document Name	Description	Sharepoint Link
ROTABLE EQUIPMENT	INSTALLATION AND DISMANTLING PROCESS	

Contents

1. SERIALIZED MATERIAL CREATION	4
2. SERIAL NUMBER ASSIGNMENT	4
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1. Serialized Material Creation

Created serialized material for the engine (Material No.: 200000150).

2. Serial Number Assignment

Assigned serial numbers to the material:

Serial No. 1: SAA12V

The screenshot shows the SAP Display Material Serial Number : SerNo.Detail screen. The material number is 200000150 and the serial number is SAA12V. The type is listed as 'Serialised Equipment'. Other fields include UII, IUID Type, Resp. Plant UII, Description (Engine), Status (AVLB), Valid From (17.01.2025), and Valid To (31.12.9999). The screen is divided into General, Location, Organization, Structure, SerData, and Configuration Control tabs. The SerData tab is active. The General section shows equipment number 10232150 and last serial number. The Stock information section shows stock type 01 and unrestricted.

Serial No 2: SAA13V

The screenshot shows the SAP Display Material Serial Number : SerNo.Detail screen for material 200000150. The serial number is SAA13V. The type is 'Serialised Equipment'. Other fields include UII, IUID Type, Resp. Plant UII, Description (Engine), Status (ASEQ), Valid From (17.01.2025), and Valid To (31.12.9999). The screen is divided into General, Location, Organization, Structure, SerData, Configuration data, and Configuration Control tabs. The SerData tab is active. The General section shows equipment number 10232151 and last serial number. The Stock information section shows stock type 01 and unrestricted.

3. Equipment Creation

Created equipment for assigned serial numbers:
 Equipment No.: 10232150 (Serial No.: SAA12V)

Equipment: 10232150 Category: N Serialized Equipment

Description: Engine

Status: AVLB

Valid From: 17.01.2025 Valid To: 31.12.9999

General Location Organization Structure SerData S4SCSD Configuration Control

General

Material:	200000150	Engine
Serial Number:	SAA12V	
UII:		
IUID Type:		
Resp. Plant UII:		
Last SerialNo:	History	

Stock information

Stock type:	01	Unrestricted
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Equipment No.: 10232151 (Serial No.: SAA13V)

Equipment: 10232151 Category: N Serialized Equipment

Description: Engine

Status: ASEO

Valid From: 17.01.2025 Valid To: 31.12.9999

General Location Organization Structure SerData Configuration data S4SCSD Configuration Control

General

Material:	200000150	Engine
Serial Number:	SAA13V	
UII:		
IUID Type:		
Resp. Plant UII:		
Last SerialNo:	History	

Stock information

Stock type:	01	Unrestricted
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4. Installation of Equipment

Installed equipment:

Equipment No.: 10232150 (Serial No.: SAA12V)

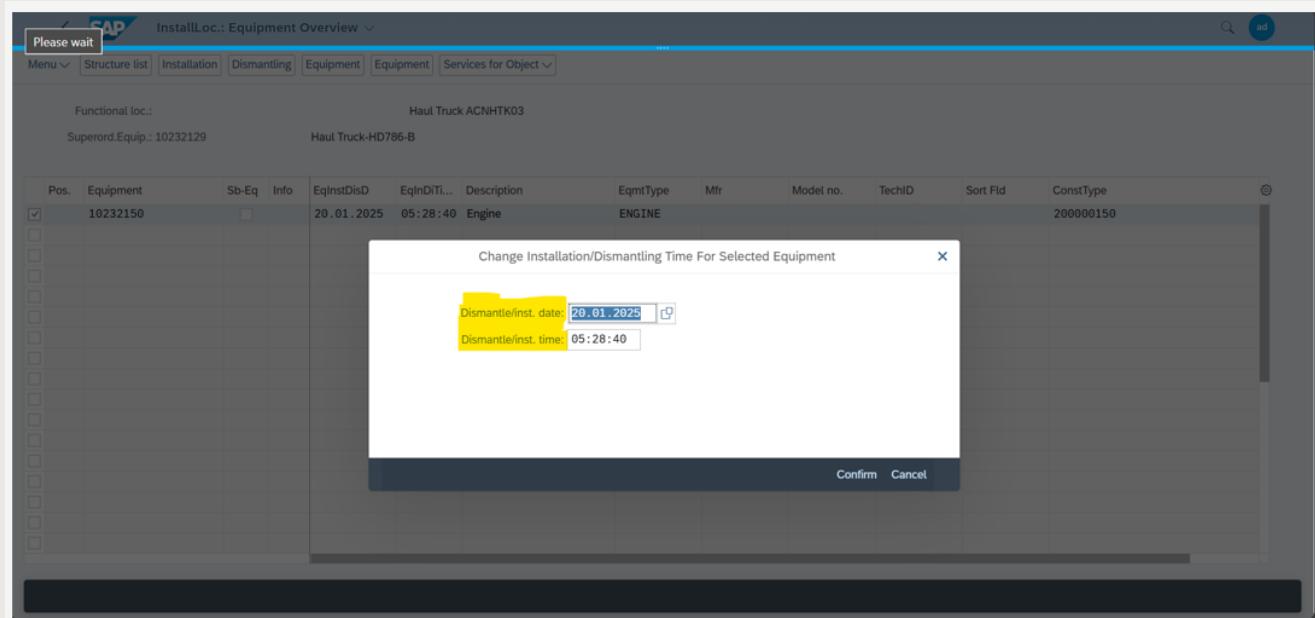
Installed on Haul Truck No.: 10232129

The screenshot shows the SAP Change Equipment : Structure interface. The equipment number 10232150 is highlighted in yellow in the 'Equipment' field. The 'Category' is set to 'Machines'. The 'Description' field contains 'Haul Truck-HD786-B'. The 'Status' is 'INST'. The 'Valid From' date is '06.01.2025' and the 'Valid To' date is '31.12.9999'. The 'Structure' tab is selected. In the 'Structuring' section, the functional location is 'X1710-FM-ME-05-TK03'. The 'Superord.Equip.' field is empty. The 'Description' field is 'Haul Truck ACNHTK03'. The 'Position' field is empty. The 'TechIdentNo.' field is empty. The 'ConstType' field is empty. In the 'Equipment' table at the bottom, the equipment number 10232150 is highlighted in yellow in the first column. The table includes columns for Pos., Equipment, Sb-Eq, Description, EqmType, Mfr, Model no., TechID, Sort Fld, and ConstType. The 'ConstType' column for row 10232150 also contains the value '200000150'. The 'Save' and 'Cancel' buttons are visible at the bottom right.

Pos.	Equipment	Sb-Eq	Description	EqmType	Mfr	Model no.	TechID	Sort Fld	ConstType
	10232150		Engine	ENGINE					200000150

5. Dismantling Due to Malfunction

Equipment No.: 10232150 (Serial No.: SAA12V) was found non-functional after installation and dismantled from Haul Truck No.: 10232129.



6. Replacement Installation

Installed replacement equipment:
 Equipment No.: 10232151 (Serial No.: SAA13V)
 Installed on Haul Truck No.: 10232129

The screenshot shows the SAP Change Equipment : Structure interface. The equipment number 10232129 is selected. The 'Structure' tab is active. In the Structuring section, the functional location is set to X1710-FM-ME-05-TK03, and the description is Haul Truck ACNHTK03. In the Equipment section, the equipment number 10232151 is listed with a description of Engine and type ENGINE.

Pos.	Equipment	Sb-Eq	Description	EqmtType	Mfr	Model no.	TechID	Sort Fld	ConstType
	10232151		Engine	ENGINE					200000150