



PP 1: Display Stock/Requirements List

Exercise Use the SAP Fiori Launchpad to display the Stock/Requirements List.

Time 5 min

Task Review the material status of your Deluxe Touring bike (finished good) in the Dallas plant using the Stock/Requirements list.

Name (Position) Lars Iseler (Production Order Worker)

The Stock/Requirements list contains up-to-date information on the current status of inventory on hand, requirements, and receipts. It is a dynamic list that allows you to view changes made to material status.

Stock/Requirements List

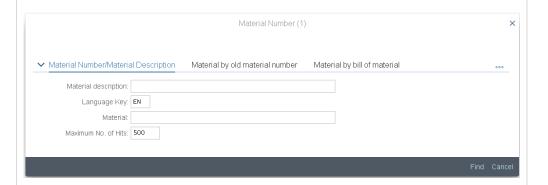
To review the material status, use the app *Monitor Stock / Requirements List*.

Fiori App



First of all, you need to find the material number(s) for your Deluxe Touring bikes. In order to do so, click in the Material field and press **F4** (or click on the search icon next to the field). This will produce the Material Number search screen.

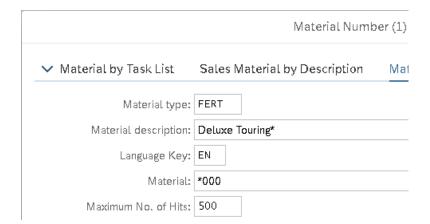
F4



Go to the Material by Material Type tab. Use the "icon (in the top-right corner) to display a list of all search tabs available.

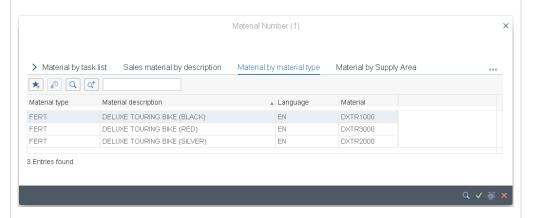
In the Material Type field, select **Finished Product** (**FERT**). In order to display your Deluxe Touring bikes only, you need to define two more search criteria. First, in the Material Description field type **Deluxe Touring***. Second, in the Material field (which is the field for the unique material number) type *###. Remember to replace ### with your three-digit number, e.g. *014 if your number is 014.

Compare your entries with the screen below before pressing Enter or clicking on Find to start the search.



The result of this search should give you a list of:

- a) all finished goods,
- b) which name (short description) starts with Deluxe Touring,
- c) which material numbers end with your number (###).



You should get a list of three different Deluxe Touring bikes – black, red and silver (please note that the material numbers in your screen will be different). Double-click on your black Touring bike which will copy its unique material number (**DXTR1**###) into the Material field.

Finished Product

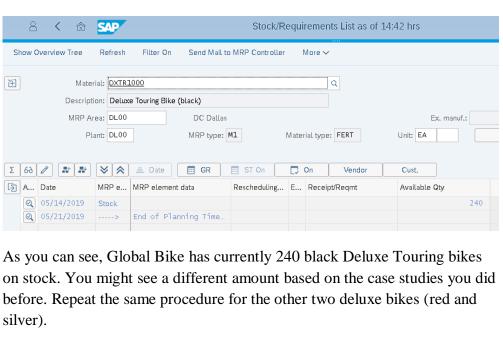
Deluxe Touring*

*###

DXTR1###

DL00

In addition to the material number, in the Plant field select Global Bike's manufacturing facility in Dallas (**DL00**). Then, press Enter. You should be displayed a screen similar to the one shown below.



How many red Deluxe Touring Bikes are available in Dallas?

_____ pieces

How many silver Deluxe Touring Bikes are stored in the DL00 plant?

_____ pieces

Click 🙃

to return to the SAP Fiori Launchpad.



PP 2: Display Bill of Material

Exercise Use the SAP Fiori Launchpad to display a bill of material.

Time 10 min

Task Review the components of your black Deluxe Touring bike and the components of the Touring Aluminum Wheel Assembly within the finished bike bill of material.

Name (Position) Jun Lee (Production Supervisor)

A bill of material (BOM) is a list of the components that are needed to create a given product. The list contains the description, the quantity, and unit of measure. The BOM can contain items of different item categories such as stock items, non-stock items, document items, and text items.

Bill of Material (BOM)

To review a bill of material, use the app *Maintain Bill Of Material – Create, change & display*.

Fiori App

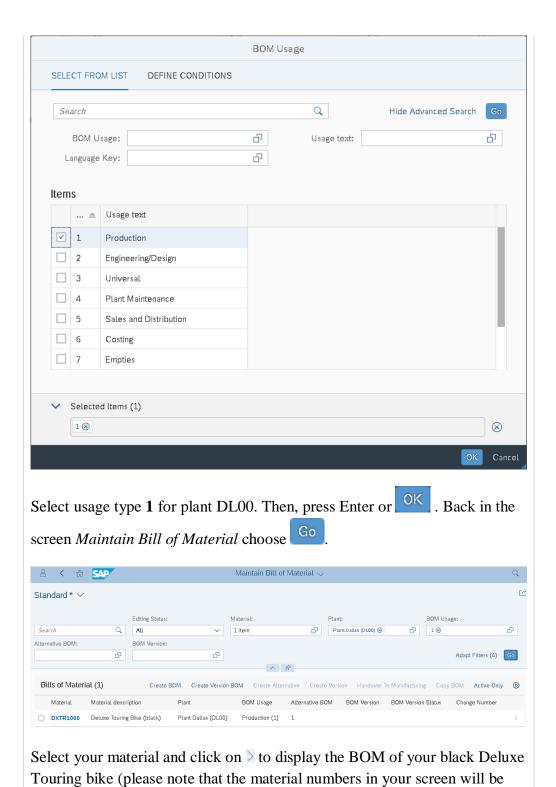


DXTR1### F4 DL00

Enter for material number **DXTR1**### and use the **F4** help to find your plant in **Dallas**.

F4

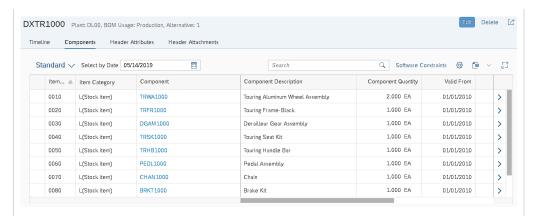
Click in the BOM Usage field and use **F4** to display possible usage types. In the pop up *BOM Usage* enter nothing and press just Go.



different).

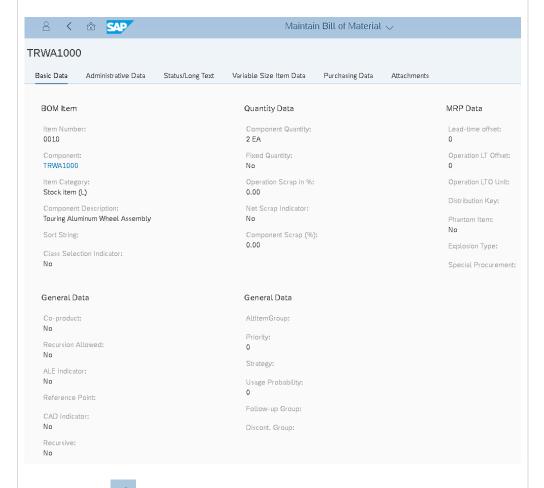
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4



Select the Touring Aluminum Wheel Assembly (TRWA1###) and click on .

TRWA1###



Choose once to go back to the Bill of Material of your material DXTR1##.

What is the Base unit of measure of the material?

Repeat the procedure for your red and the silver Deluxe Touring bike to identify the differences in their bills of materials.

Click	命	to return to the SAP Fiori Launchpad.	



PP 3: Display Multi-Level Bill of Materials

Exercise Use the SAP Fiori Launchpad to display a multi-level BOM.

Time 5 min

Task Review the BOM for your black Deluxe Touring bike from a multi-level hierarchy level.

Name (Position) Jun Lee (Production Supervisor)

To display a multi-level BOM, use the app Multilevel BOM.

Fiori App



In the following screen, enter (or find) Material **DXTR1**### (replace ### with your number), Plant **DL00**, and BOM Application **PP01** (Production-General). Under *Selection* enter **1** for quantity.

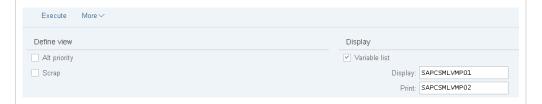
DXTR1### DL00 PP01

Then, click on to display the BOM structure for your bike valid today. If a pop-up occurs click Continue.

Material Plant/Usage Description Base Qty (E Reqd Qty (E	e/Alt. DL00 n Delux EA) 1.000	e Tourir	ng Bike (black)					
_evel no.	Item	Obj	Component number	Object description	Ovfl	Comp. Qty (CUn)	Unit	lct
.1	0010	4	TRWA1000	Touring Aluminum Wheel A		2	EA	L
2	0010	\$	TRTR1000	Touring Tire		2	EA	L
2	0020	4	TRTB1000	Touring Tube		2	EA	L
.2	0030	4	TRWH1000	Touring Aluminum Wheel		2	EA	L
.2	0040	-	HXNT1000	Hex Nut 5 mm		2	EA	L
.2	0050	0	LWSH1000	Lock Washer 5 mm		4	EA	L
.2	0060	-	BOLT1000	Socket Head Bolt 5x20mm		2	EA	L
1	0020	0	TRFR1000	Touring Frame-Black		1	EA	L
1	0030	₽	DGAM1000	Derailleur Gear Assembly		1	EA	L
1	0040	0	TRSK1000	Touring Seat Kit		1	EA	L
1	0050	-	TRHB1000	Touring Handle Bar		1	EA	L
1	0060	0	PEDL1000	Pedal Assembly		1	EA	L
1	0070	-	CHAN 1000	Chain		1	EA	L
1	0800	0	BRKT1000	Brake Kit		1	EA	L
1	0090	-	WDOC1000	Warranty Document		1	EA	L
1	0100	0	PCKG1000	Packaging		1	EA	L

Click on to go back to the initial screen. There, you click on the following screen, in the Display field group select **Variable list** and click on Execute.

Variable list



You will get an overview of all used items.

Matorial	DXTR1000	DL00	^l+	1	Usage 1	
Material	Deluxe Touring Bike (b		AIL.	Т	Valid 01/01	/2010
Read aty		Base quant			1.000 EA	.72011
Nega qey	1.000 EA	base quarre			1.000 EA	
Level no.	Item Component no.				Quant UoM	IIct
	Description					E×.
.1	0010 TRWA1000				2.000 EA	L
	Touring Aluminum W	heel Assembly				
2	0010 TRTR1000				2.000 EA	L
	Touring Tire					
2	0020 TRTB1000				2.000 EA	L
	Touring Tube					
2	0030 TRWH1000				2.000 EA	L
	Touring Aluminum W	heel				
2	0040 HXNT1000				2.000 EA	L
	Hex Nut 5 mm					
2	0050 LWSH1000				4.000 EA	L
	Lock Washer 5 mm					
2	0060 BOLT1000				2.000 EA	L
	Socket Head Bolt 5	×20mm				
.1	0020 TRFR1000				1.000 EA	L
	Touring Frame-Blac	ik				
.1	0030 DGAM1000 Derailleur Gear As	sembly			1.000 EA	L

Select the line of the component TRWA1000 (Touring Aluminum Wheel Assembly) and choose $\frac{\text{Where-used list}}{\text{Where-used list}}$.

Which m	aterials are	using the	Touring	Aluminum	Wheel	Assembly	and h	юw
much are	needed?							

Click	命	to return to the SAP Fiori Launchpad.	



PP 4: Display Routing

Exercise Use SAP Fiori Launchpad to display a routing.

Time 10 min

Task Review the routing for your black Deluxe Touring bike.

Name (Position) Jun Lee (Production Supervisor)

A routing is a series of sequential operations carried out to produce an end product. Routings contain information on where work is to be performed, steps that need to be completed, and time lines assigned for each operation.

Routing

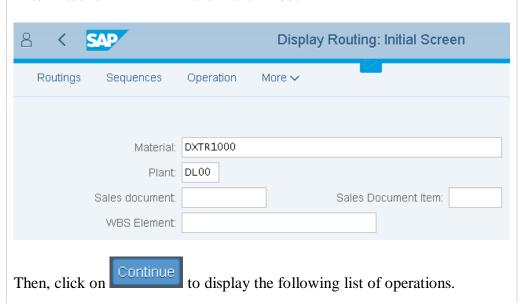
To review a routing, use the app Display Routing.

Fiori App



Enter Material DXTR1### and Plant DL00.

DXTR1### DL00



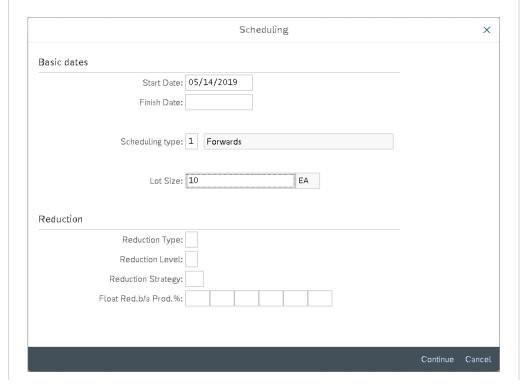


Oper./Act. is empty). Select to display the list of components. If you don't see the button Allocation follow the path **More** \rightarrow **Allocation**.

Select Operation or to go back to the operation overview. Then find the following system menu item:

More ▶ Extras ▶ Scheduling ▶ Schedule

This should produce the following screen.



Enter Scheduling type 1 and Lot size 10. Click on Continue. In the following screen, find or enter overview variant 00000000001 (Operation segments). Confirm your entry with Continue.
How long does sequence 0090 take?
Choose Header. What is the Usage?
Click to return to the SAP Fiori Launchpad.

1 10 000000000001



PP 5: Display Work Center

Exercise Use the SAP Fiori Launchpad to display a work center.

Time 15 min

Task Review a work center in Global Bike's plant in Dallas.

Name (Position) Jun Lee (Production Supervisor)

A work center is a location where operations are carried out for a production order. Capacities (setup, machine, and labor) are assigned to work centers so that they can be allocated and consumed within an order in a controlled and predictable manner. The work center capacity is created in and assigned to a single work center.

Work center

To review a work center and the capacity assigned to it, use the app *Display Work Center*.

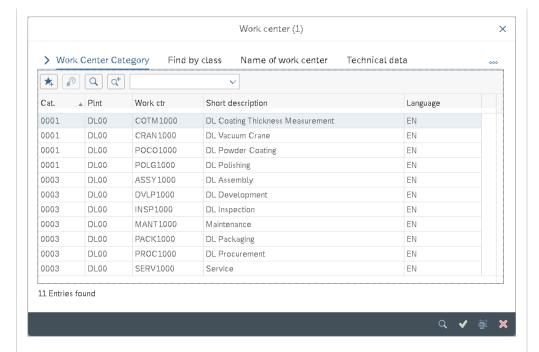
Fiori App



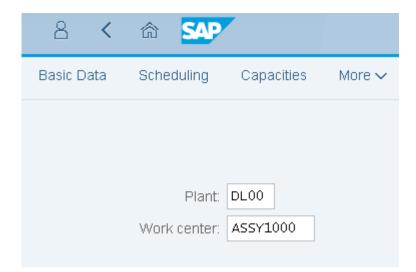


Enter Plant **DL00**. In the Work center field, use the **F4** help and choose Enter to display all work centers in Dallas.

DL00



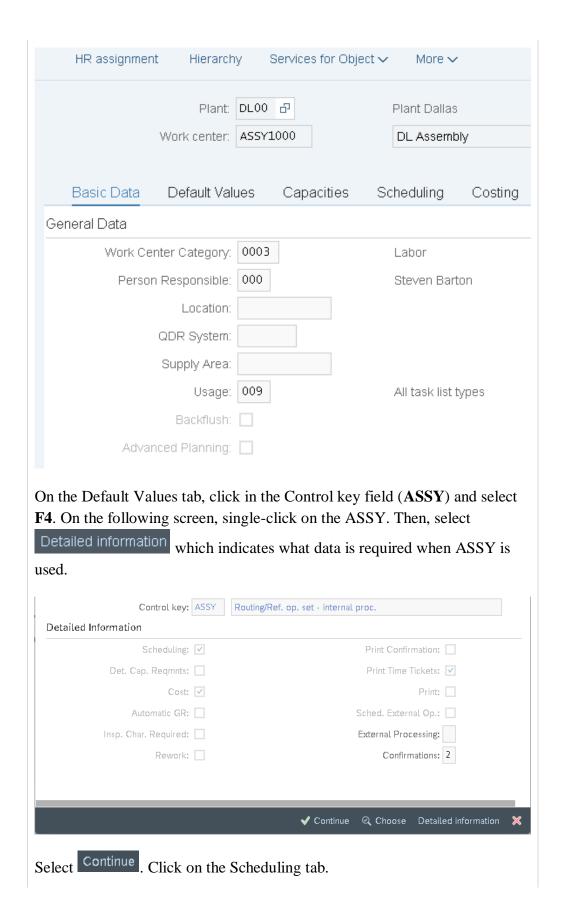
In the search results, double-click on the DL Assembly work center to select it which should copy its number (ASSY1000).



Back in the Display Work Center: Initial Screen choose Enter.

On the Basic Data tab, find out who is the person responsible.

ASSY1000



ASSY

