

# Definitions



## General

Bill of materials are built for different maintenance tasks. For example, a 500 hour PM service is a maintenance task. So is a transmission pump remove and install. The task identifies the component or system to which the task applies along with the type of work being performed. Each task will then have one or more materials (parts) that make up the Bill of Materials (BOM) recommended to be changed to complete the task.

Field Name	Definition	
Task Identification	Component Code	A numerical code that identifies the component or system to which the BOM relates. The component code supplied is based upon the Cat® SMCS code standard.
	Position Code	The Position Code identifies the position of the component or system in the equipment. For example, a haul truck has two final drives and these may have different BOMs. The position code to unique identify each final drive in the list by assigning either Left (LH) or right (RH) position codes. If there is only one position, this code will be zero (0).
	Task Type	The Task Type defines the type of work being performed in the task. This way the BOM for an engine inspection (IN) can be identified separately from tan engine change out (CC).
	Context	The context can be used to distinguish between variations between otherwise similar tasks. For example, an equipment may have multiple engine manufacturer options. The context can be used to identify between a Cummins or Caterpillar engine option.
	Task Activity Number	A sequential number to uniquely identify the task in the list.
	Component Description	A description of the component or system to which the task applies.
	Serial Number Start	The starting machine serial number to which the Task applies.
	Serial Number End	The ending machine serial number to which the Task applies.
	Part Identification	OEM Part Number
Part Quantity		The recommended number of parts to be changed.
Part Description		A description of the part to be changed. The OEM description will be used where available.
Part UOM		The unit of measure of the parts.
Part Dependency		Indicates if changing the part is required or optional.
Part Class		Classification of the parts, May be Component, Fitment Part, Hose, Hose Fitment Part.
Group Description		A description of the OEM parts group to which the part belongs. (Included if available)
Assembly Number		The assembly group to which the part belongs. (Included if available)
OEM Group Image Ref		A number identifying the OEM parts image for the group. (Included if available)

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Field Name	Definition
OEM Group Image URL	A link to the URL of the OEM parts group image (Included if available). Authorised access to OEM systems may be required to access the OEM Group Image URL.
Part Reference	The reference number of the part on the OEM group parts image.
Part Manufacturer	The OEM manufacturer of the part.