Technical Bulletin
Document No: TB0083

Software Part Numbers

Description

All software now has a part number.

Details

All Crane, Runtime and Display software now has a part number.

All software starts with the prefix "SW-" followed by a 5 digit code followed by a Major revision number then the description.

There are currently three software types:

- SW-xxxxx RTS … Runtime software for ESX to run on.
- SW-xxxxx ESX … ESX software to control a crane.
- SW-xxxxx Display … Display control software.

Run Time Software Format

An example of the format of a run time software identifier is shown below. It has a different revision number format to other software as it is vendor supplied.

SW-xxxxx RTS esx cmoco V307

The parts of the Run Time Software Part format are:

Part	Description
"SW-"	Identifies this is a Software Part
xxxxx	Part number
"RTS"	Identifies this is Run Time Software
"esx"	The controller type the software is for
"cmoco"	System specific details
"V307"	Version number

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Software Part Numbers

Crane Software Format

An example of the format of a ESX crane control software identifier is shown below.

SW-xxxxx-5 ESX 362 RHL LM S2 PP HZ RS v01

The parts of the ESX Crane Control Software format are:

Part	Description
"SW-"	Identifies this is a Software Part
"xxxxx "	Part number
"5"	Major Version number
"ESX"	Identifies that the software is for an ESX controller.
"362"	Crane model.
"RHL"	Lifting side (LHS or RHS).
"LM"	Control type (LM or DC).
"S2"	Model series.
"PP"	Power source. (PP = Power pack, PTO=Power Take Off).
"HZ"	Type of stabiliser.(HZ is the standard horizontal stabiliser)
"RS"	Type of traverse system (RS = Ram Shift, R&P=Rack and Pinion)
"v01"	Minor version number.

Version details

The version is split into two sections, major and minor. In the above example 501 is Major Version 5, Minor Version 01

Version Compatibility

- All minor software revisions will be backwards compatible.
- A change in the major number indicates that is it not backwards compatible with earlier numbers.

Current Versions – LM versions

Current LM Version	New LM Version
v3.47	v4.01
v3.52	v5.01

New version v**5.**01 has the LETT65 coil wiring modifications.

Current Versions – DC versions

Current DC Version	New DC Version
v3.38	v4.01
v3.39	v5.01

New version v**5.**01 has the LETT65 coil wiring modifications.

Description details

See Document "SOFTWARE CONFIGURATION LIST ESX" for details on the software description details.

Software Part Numbers

Display Software

The display software part number is set up as per the example below.

SW-xxxxx-1 Display LM EN FR NL CZ DE SE v01

All display software will have:

Part	Description
"SW-"	Identifies this is a Software Part
"xxxxx "	Part number
"1"	Major Version number
"Display"	Identifies that the software is for the display
"LM"	Control type (LM or DC).
"EN FR…."	Languages included in this display software.
"v01"	Minor version number.

Version details

The version is split into two sections, major and minor. In the above example it is major version 1 minor version 01 which gives version 101.

Version Compatibility

- All minor software revisions will be backwards compatible.
- A change in the major number indicates that is it not backwards compatible with earlier numbers.

Current Versions – LM Display

Old Version	New Version	TOS Version
Load Monitoring Rev. C	SW_42106_1_Display_LM_EN_FR_NL_CZ_DE_SE_v01.DAT	191
Load Monitoring Rev.D	SW_42106_2_Display_LM_EN_FR_NL_CZ_DE_SE_v01.DAT	393

Refer to TB0081 for further details.

Software Part Numbers

Models and Markets

All currently manufactured smartlift and DC models.

Some earlier models. See full list of available programs in document “ESX Program List.pdf” in the Software release folder. See TB0085 for more details.

Other crane models that are not listed may be available on request.

Installation

Download the Crane software as per “SL0027 Updating Front and Rear ECU Programmes with SW part numbers”

Download the Display software as per “SL0003 Updating LCD Display Pages V2”

Backward Compatibility

See TB0084 for Crane software backwards compatibility

See TB0082 for the Display software backwards compatibility.

Advantages

To be able to easily identify what software is loaded.

To provide an easier tracking system of the revisions and configurations.