

Engineering Department

Engineering Change Order (ECO)

ECO #: ECO-52077-001

Effective Date: April 15, 2016

Title: Tilt Mount and BOM Change for Dell 7510 Computer

Author: KB
Engineering Approval: aeg
Operations Approval: JJV

Date: April 15, 2016
Date: May 26, 2016
Date: May 26, 2016

Summary:

The Dell M4800 is being discontinued, and will be replaced by the new Dell 7510. Due to the new geometry, a new tilt mount was designed to accommodate the new laptop. The 7510 also required new cables for the USB and display connections. The BOMs in Epicor containing the old tilt mount (50171) have been updated to instead include the new tilt mount (52077) and the new cables.

Parts Affected:

Part Number	Notes	Removed	Added	Modified
MNT-TLT-B	Mount Computer Part Tilting Back Catch	☐	☐	☒
50167	Dell Tilt Mount Lower Brace	☐	☐	☒
50169	Dell Tilt Mount Link Arm - 2.5"	☐	☐	☒
50168	Dell Tilt Mount Link Arm - 2"	☐	☐	☒
52074	Dell 7510 Tilt Mount Upper Plate	☐	☒	☐
52075	Dell 7510 Computer Front Grip	☐	☒	☐
52076	Dell 7510 Rear Computer Bracket	☐	☒	☐
52077	Dell 7510 Tilt Mount Assembly	☐	☒	☐
52108	Rubber Bumper with Washer 1/4" Height 5/8" Diameter	☐	☒	☐
52109	Tilt Mount Hinge	☐	☒	☐
50104	P4 Standard BASE Configuration (PAL Video)	☐	☐	☒
50105	P4 Plus BASE Configuration (NTSC Video)	☐	☐	☒
50106	P4 Plus BASE Configuration (PAL Video)	☐	☐	☒
ICB4-STD-ASSM	Control Box with Standard CPU (Pro4)	☐	☐	☒
ICB4-STD-ETH-ASSM	Control Box with Standard CPU, Ethernet (Pro4)	☐	☐	☒
ICB4-STD-LH-ASSM	Control Box with Standard CPU with LYNN Option (Pro4)	☐	☐	☒
ICB4-STD-LH-ETH-ASSM	Control Box with Standard CPU with LYNN, Ethernet (Pro4)	☐	☐	☒

ICB4-STD-LH-ETH-HB-ASSM	Control Box with Standard CPU with LYNN, Ethernet, 15" High Brite Monitor (Pro 4)	☐	☐	☒
ICB4-STD-LH-RS-HB-ASSM	Control Box with Standard CPU with LYNN, RS-485, 15" High Brite Monitor (Pro 4)	☐	☐	☒
52079	Cable Universal USB A Right Angle to USB B M/M 3ft	☐	☒	☐
52080	Cable Mini Display Port to VGA M/M 3ft	☐	☒	☐
52081	Dell 7510 Laptop	☐	☒	☐
CPU-STD	Dell M4800 Laptop	☒	☐	☐
50171	Dell Tilt Mount Assembly (M4800)	☒	☐	☐
RR-ABR03-12G	Cable 1' USB A Male/ B Male Right Angle	☒	☐	☐
CC388MI-02	Cable 2' VGA Male/Male	☒	☐	☐
52111	Screw 8-32 x 5/16" Pan Head Phillips 18-8 SS	☐	☒	☐
52119	Nylon Unthreaded Spacer ¼" OD 3/8" Length	☐	☒	☐

Detail:

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Action Item:

Action	Department	Acknowledgement Initials
Update drawings in PDM	Engineering	KB
Update BOM in PDM	Engineering	KB
Update BOM in Epicor	Engineering	RN
Update Assembly Instructions	Engineering	KB
Publish Drawings	Engineering	AEG
Train production on assembly procedure, and get assembly docs approved	Engineering	KB

Modified / Referenced Documents:

Document	Current Revision
Dell 7510 Tilt Mount Assembly Instructions	001
52074 - Dell 7510 Tilt Mount Upper Plate Drawing	A
52075 – Dell 7510 Computer Front Grip Drawing	B
52076 – Dell 7510 Rear Computer Bracket Drawing	A
50168 – Dell Tilt Mount Link Arm 2” Drawing	B
50169 – Dell Tilt Mount Link Arm 2.5” Drawing	B
MNT-TLT-B - Dell Tilt Mount Back Catch	B
50167 – Dell Tilt Mount Lower Brace Drawing	B
52109- Tilt Mount Hinge Drawing	A

-- END OF ORDER --