

Unity 3.2.0.0 De Minimis Changes

The following matrix highlights optional manufacturing and field service component Engineering Change Orders (ECO) submitted and approved for use with ES&S Unity 3.2.0.0. Based on the review of the documentation and recommendations provided by iBeta Quality Assurance on February 1, 2010 EAC has determined that the changes are so minor in nature and effect that they do not require additional testing, EAC therefore approves the changes as de minimis.

ECO Number	ECO Classification	ECO Description
ECO 000315	Clerical Change	DS200 Ballot Box - Added part number for adhesive spray glue used to hold foam insert to inside cover of DS200 Carry Case.
ECO 000339	Design Change	DS200 Ballot Box - Rivets and Washers are used to secure the thicker foam inside the lid of the DS200 Carrying Case. The thicker foam is to prevent the DS200 from shifting inside the Case during transport. The washers prevent the rivets from sinking into the foam.
ECO 000342	Design Change	DS200 Ballot Box - Existing door panels, hinges and caster plate changed from plastic to metal in conjunction with ECO 000337 and ECO 000366
ECO 000337	Clerical Change	DS200 Ballot Box- Part number and hardware rev changed to reflect door panels, hinges and caster plate change from plastic to metal components in conjunction with ECO 000342 and ECO 000366
ECO 000366	Design Change	DS200 Ballot Box - Existing door panels, hinges and caster plate changed from plastic to metal in conjunction with ECO 000342 and ECO 000337

ECO Number	ECO Classification	ECO Description
ECO 000375	Clerical Change	DS200 Carry Case - Part number and hardware rev changed to reflect new components in conjunction with ECO 000339 and ECO 000359
ECO 000423	Clerical Change	DS200 Ballot Box - Cardboard partitions used to ship DS200 Ballot Box changed to reduce shipping damage.
ECO 839	Clerical Change	DS200- Internal Compact Flash card label is updated by manufacturer. Compact Flash card functionality is unchanged.
ECO 000466	Alternate Manufacturer (2nd Source)	DS200 Ballot Box - Screw and nut used to bolt caster to ballot box requires a second source for purchasing.
ECO 000529	Clerical Change	DS200 Carry Case - Remove Micro Switch, bracket, and switch cable from the DS200 Carry Case. These components included in original design were never used in operation of DS200 or DS200 Ballot Box.
ECO 000535	Clerical Change	DS200 - Updates made to improve manufacturing process include: Cable clamps, cloth tape, labels. Also see ECO-000566
ECO 000545	Design Change	DS200- Internal cables have labels added or modified to improve manufacturing process.

ECO Number	ECO Classification	ECO Description
ECO 000554	Design Change	DS200 - A different adhesive is used to hold a mylar spacer in place on the Contact Image Sensor.
ECO 000562	Clerical Change	DS200 - Assembly documentation updated to improve manufacturing process
ECO 000576	End Of Life Component	DS200 - End of Life component requires equivalent replacement. Component is a Coil-Craft Inductor used in DS200 Power Management Board.
ECO 000570	Design Change	DS200 - Internal cable assemblies changed to use multicolor wires to improve manufacturing process. Screw types changed to Phillips types to improve manufacturing process.
ECO 000566	Clerical Change	DS200 - Updates made to improve manufacturing process include: Cable clamps, cloth tape, labels. Also see ECO 000535
ECO 000523	Clerical Change	DS200 - Updates made to assembly documentation and stronger tape used internally to improve manufacturing process.
ECO 000534	Design Change	DS200 - Smaller cable clamp used to improve securing of internal cable.
ECO 000582	Design Change	DS200 - Changes made to internal printer bracket to improve printer door and printer roller fit

ECO Number	ECO Classification	ECO Description
ECO 000618	Clerical Change	DS200 Ballot Box - Corrects the content of the hardware revision label on the ballot bin and carrying case. Previous content included manufacturer's numbers not ES&S'
ECO 851	Clerical Change	DS200 - Correct part numbers supplied by manufacturer of USB memory sticks. In conjunction with ECO 838.
ECO 845	Design Change	Steel Ballot Box - A better quality caster is used for the Steel Ballot Box. The newer casters have an inner bearing assembly.
ECO 836	Design Change	Steel Ballot Box - Add Retractable Security Pin to the Steel Ballot Box when a DS200 Tabulator is used in conjunction with the Steel Ballot Box. The pin keeps the DS200 Tabulator captive and as far forward in the docking area so that the Ballot Exit opening is not exposed. This action is to keep any uncounted ballot from being intentionally inserted into the Ballot Exit opening and bypassing the DS200 Tabulator. The pin also will accommodate the M100 Tabulator.