

**(S2) Samsung 60-Ton Portal Cranes Mandatory Alterations**

<b>Mandatory Number</b>	<b>Classification</b>	<b>Date Issued</b>	<b>Title</b>
N3258A-S2-100	When Needed	5-Jul-16	Replacement of Whip Hoist LMI
N3258A-S2-099	Delayed - B	19-Mar-15	Replacement of Boom Secondary Upper Limit Switch
N3258A-S2-098	When Needed	13-Aug-14	Replacement of uninterrupted power supply (UPS) with a line filter
N3258A-S2-097	Delayed - B	10-Jun-14	Remove boom heel pin resolver
N3258A-S2-096	Delayed - B	10-Jun-14	Removal of Hoist's Redundant Secondary Lower Limit
N3258A-S2-095	Delayed - B	10-Jun-14	Removal of Third Upper Boom Limit
N3258A-S2-094	Delayed - B	10-Jun-14	Removal of Hoists Redundant Mechanical Overspeed Switch
N3258A-S2-093	When Needed	3-Feb-14	Addition of UPS sleep mode circuitry
N3258A-S2-039B	When Needed	13-Jun-13	Documentation of Navy Crane Center Approved Programmable Parameters
N3258A-S2-092	Delayed - B	16-Oct-12	Removal of Brake Starter Faults
N3258A-S2-091	Delayed - B	19-Jun-12	Alteration to Hydraulic Brake Set Software
N3258A-S2-090	When Needed	2-Feb-12	Modification to strut sheave pin retaining cap
N3258A-S2-089A	Delayed - 30 days	29-Sep-11	Alteration of BSDS ladder logic
N3258A-S2-089	Delayed - 30 days	21-Sep-11	Alteration of BSDS ladder logic
N3258A-S2-088	Delayed - B	19-Jul-11	Alteration to LMI software
N3258A-S2-087	Delayed - B	17-Mar-11	Addition of cabinet fans and filters
N3258A-S2-086	Delayed - B	17-Mar-11	Documentation (as-built variance) of the wire rope sockets
N3258A-S2-085	When Needed	7-Feb-11	Addition of range for hoist acceleration and deceleration parameters
N3258A-S2-084	When Needed	13-Jan-11	Removal of the emergency dynamic braking circuit from rotate and travel
N3258A-S2-083	Delayed C	10-Jan-11	Alteration to control block software for all crane functions
N3258A-S2-082	Delayed - B	22-Oct-10	Replacement of SMAA 16" magnet base pivot pin
N3258A-S2-081	When Needed	24-Jun-10	Replacement of BSDS hydraulic hoses
N3258A-S2-080	When Needed	24-Jun-10	Replacement of hoist geared limit switches
N3258A-S2-079	Delayed - B	24-Jun-10	Addition of BSDS test switches
N3258A-S2-078	Delayed - B	16-Dec-09	Replacement of caliper brake HPU breathers
N3258A-S2-077	When Needed	25-Feb-09	Rearrangement of magnetic (starter) switch (MS)
N3258A-S2-076	Delayed - B	18-Nov-08	Alteration of luff hoist boom foot limit bypass
N3258A-S2-075A	Delayed - B	10-Oct-08	Alteration of manually operated bypass switch labels
N3258A-S2-075	Delayed - B	4-Sep-08	Alteration of manually operated bypass switch labels
N3258A-S2-074	When Needed	23-Jun-08	Alteration of whip hoist hook pin
N3258A-S2-073A	Delayed - B	8-Sep-08	Alteration of whip hoist hook pin
N3258A-S2-073	When Needed	23-Jun-08	Alteration of whip hoist hook block lower link plate
N3258A-S2-072	When Needed	10-Jun-08	Alteration of boom strut pin end cap and resolver drive shaft
N3258A-S2-071	When Needed	23-Apr-08	Improved idler pulley for series 60 Detroit diesel engines
N3258A-S2-070B	When Needed	11-Jan-08	Wheel and axles replacement on Samsung portal cranes
N3258A-S2-070A	When Needed	11-Dec-07	Wheel and axles replacement on Samsung portal cranes
N3258A-S2-070	When Needed	5-Jul-07	Wheel and axles replacement on Samsung portal cranes

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N3258A-S2-069A	Delayed - B	13-Sep-07	Alteration to the luff hoist load warning light software; Alteration of the LMI load
N3258A-S2-069	Delayed - B	23-May-07	Alteration of the LMI load alarm and overload lockout software
N3258A-S2-068	When Needed	23-May-07	Replacement of generator exciter stator
N3258A-S2-067	Delayed - A	9-May-07	Alteration to hoist brake safety timer settings
N3258A-S2-066	Delayed - A	9-May-07	Alteration of boom pawl disengage software
N3258A-S2-065	Delayed - B	9-Mar-07	Documentation of As-Built Travel Motor Armature Conductor Labeling
N3258A-S2-064B	When Needed	6-Jun-08	Alteration of all hoist HPU solenoid valve actuators
N3258A-S2-064A	When Needed	12-Feb-08	Alteration of all hoist HPU solenoid valve actuators
N3258A-S2-064	When Needed	22-Mar-07	Alteration of all hoist HPU solenoid valve actuators
N3258A-S2-063	When Needed	10-Jan-07	Replacement of rotate and travel field loss relays
N3258A-S2-062A	When Needed	4-Apr-08	Replacement of control panel and cab analog meters
N3258A-S2-062	When Needed	22-Dec-06	Replacement of control panel and cab analog meters
N3258A-S2-061	Delayed - B	7-Dec-06	Removal of fixed inertia compensation from hoist software
N3258A-S2-060	Delayed - B	7-Dec-06	Alteration of current regulator crossover frequency parameter
N3258A-S2-059A	Delayed - A	21-Dec-06	Addition of UPS power chute software
N3258A-S2-059	Delayed - C	14-Nov-06	Addition of UPS power chute software
N3258A-S2-058	Delayed - C	14-Nov-06	Removal of Boom Heel Pin resolver Limits
N3258A-S2-057	Delayed - B	30-Aug-06	Alteration of Hydraulic Brake Release Pressure
N3258A-S2-056	Delayed - C	25-Apr-06	Addition of Spare Motor Resolver Signal Cable
N3258A-S2-055	Delayed - C	25-Apr-06	Addition of Luff Limit Keyed Test Switch
N3258A-S2-054	Delayed - B	8-Mar-06	Addition of Travel Drive Line Reactors
N3258A-S2-053	Delayed - B	26-Jan-06	Replacement of Hoist Drum Brake Ramp Accumulator
N3258A-S2-052	Delayed - B	20-Jan-06	Replacement of Diesel Engine
N3258A-S2-051	Delayed - B	1-Dec-05	Addition of Cycle Counters to Hoist Hydraulic Caliper Disc Brakes
N3258A-S2-050	Delayed - B	1-Dec-05	Alteration to Clarify Main Hook Block Clearance
N3258A-S2-049	Delayed - C	1-Dec-05	Removal of Hoist Field Resistor Heat Shields
N3258A-S2-048	Delayed - B	29-Nov-05	Alteration of Luff Hoist Lower Limit Bypass Switch
N3258A-S2-047	Delayed - C	29-Nov-05	Addition of Surge Suppressors on Panelview Displays
N3258A-S2-046	Delayed - B	29-Nov-05	Removal of Luff Software Slow-Down Feature When Raising From Horizontal
N3258A-S2-045	Delayed - B	7-Nov-05	Replacement of Travel Field Isolation Transformer Fuses
N3258A-S2-044	Delayed - B	3-Oct-05	Modification of Boom Extension Floating Pin Gap
N3258A-S2-043	Delayed - B	27-Sep-05	Addition of Whip Hoist Sheave Guide
N3258A-S2-042A	Delayed - C	25-Jan-06	Removal of Nitrogen Monitoring Equipment from the System Accumulators
N3258A-S2-042	Delayed - C	6-Sep-05	Removal of Nitrogen Monitoring Equipment from the System Accumulators
N3258A-S2-041	Delayed - C	18-Aug-05	Replacement of Main Engine Magnetic Pickup Unit
N3258A-S2-040A	When Needed	6-Feb-08	Alteration to Replace the Strut Hinge Resolver Coupling

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N3258A-S2-040	When Needed / Delayed - B	18-Aug-05	Alteration to Replace the Strut Hinge Resolver Coupling
N3258A-S2-039A	When Needed	5-Jan-07	Documentation of Navy Crane Center Approved Programmable Parameters
N3258A-S2-039	When Needed	18-Aug-05	Documentation of Navy Crane Center Approved Programmable Parameters
N3258A-S2-038	Delayed - B	11-Aug-05	Replacement of Rotate Resolver Couplings
N3258A-S2-037	Delayed - B	7-Jun-05	Alteration of Hoist's Field Circuit Resistors
N3258A-S2-036	When Needed	7-Jun-05	Alteration of Rotate Bearing Fastener Nuts
N3258A-S2-035	Delayed - B	4-Apr-05	Addition of Lockable Switch For Uninterruptible Power Supply (UPS) Load Lockout
N3258A-S2-034A	Delayed- B	30-Mar-05	Alteration of Software to Permanently Activate Static Torque Proving
N3258A-S2-034	Delayed- B	11-Feb-05	Alteration of Software to Permanently Activate Static Torque Proving
N3258A-S2-033	Delayed - B	21-Dec-04	Alteration to Whip and Travel Master Switch Order
N3258A-S2-032	Delayed - C	23-Nov-04	Removal of the Brake Power Supply Voltage Sensing Relays
N3258A-S2-031	Delayed - B	22-Nov-04	Documentation of Diesel Engine Shutdown Points
N3258A-S2-030	When Needed	10-Sep-04	Addition of Mechanical Fuel Gauge
N3258A-S2-029	When Needed	16-Aug-04	Addition of Access Cover to BSDS HPU Enclosure
N3258A-S2-028	When Needed	16-Aug-04	Rearrangement of Lubrication Lines
N3258A-S2-027	When Needed	6-Jul-04	Replacement of Engine Coolant System Hose
N3258A-S2-026	When Needed	6-Jul-04	Alteration of Generator Air Inlet Cover with Replaceable Filter Element
N3258A-S2-025B	Delayed - B	2-Aug-04	Addition of Luff Pawl Actuator Timers
N3258A-S2-025A	Delayed - B	20-Jul-04	Addition of Luff Pawl Actuator Timers
N3258A-S2-025	Delayed - B	9-Jun-04	Addition of Luff Pawl Actuator Timers
N3258A-S2-024	Delayed - B	21-May-04	Replacement of Travel Overload Relays
N3258A-S2-023A	Delayed - B	2-Aug-04	Modification of Drive Logic for Travel Operation with Motors Disconnected
N3258A-S2-023	Delayed - B	4-May-04	Modification of Drive Logic for Travel Operation with Motors Disconnected
N3258A-S2-022	Delayed - B	28-Apr-04	Replacement of Brake Rectifiers and Fuses
N3258A-S2-021	Delayed - C	14-Apr-04	Alteration to Add Drains to the Travel Motors
N3258A-S2-020	When Needed	24-Mar-04	Addition of Brake Release Wrench Storage
N3258A-S2-019	When Needed	17-Feb-04	Rearrangement or Travel Warning Horns
N3258A-S2-018	When Needed	9-Feb-04	Addition of Drip Pans for the Hoist Drums Fixed Bearing Blocks
N3258A-S2-017	When Needed	9-Feb-04	Installation of 480 VAC Disconnect in Machinery House for Heat
N3258A-S2-016	Delayed - B	11-Dec-03	Update Software and Description of Operation for Hydraulic Brake System
N3258A-S2-015	Delayed - B	10-Dec-03	Modification of Drive Logic for Hoist Brake Current Standby Mode
N3258A-S2-014A	Delayed - B	3-Jun-04	Documentation / Replacement of Travel Current Resistors
N3258A-S2-014	Delayed - B	26-Nov-03	Documentation / Replacement of Travel Current Resistors
N3258A-S2-013	Delayed - B	26-Nov-03	Modification of Drive Logic for Rotate Brake Release Fault
N3258A-S2-012	Delayed - B	25-Nov-03	Modification of Drive Logic for Luff Limits

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N3258A-S2-011	Delayed - B	5-Nov-03	Modification of Diesel Program Logic for Proper Delay of Sequencing Bank Resistors
N3258A-S2-010A	Delayed - B	8-Jun-04	Modification of Drive Logic for Finer Control of Rotate and Travel Functions
N3258A-S2-010	Delayed - B	5-Nov-03	Modification of Drive Logic for Finer Control of Rotate and Travel Functions
N3258A-S2-009C	When Needed	5-Jan-07	Documentation of LMI Calibration Setting Criteria
N3258A-S2-009B	Delayed - B	3-Jun-04	Modification of Drive Logic for LMI Display
N3258A-S2-009A	Delayed - B	27-May-04	Modification of Drive Logic for LMI Display
N3258A-S2-009	Delayed - B	5-Nov-03	Modification of Drive Logic for LMI Display
N3258A-S2-008	When Needed	28-Oct-03	Addition of Resistor Enclosure Barriers
N3258A-S2-007	When Needed	16-Oct-03	Addition of Travel Drive Inspection Cover Gaskets
N3258A-S2-006	When Needed	15-Oct-03	Modification of Hotel Power Reel Cable Length
N3258A-S2-005	Delayed - B	12-Sep-03	Modification of Travel Resistor Enclosures
N3258A-S2-004	When Needed	27-May-03	Alteration of Master Switches
N3258A-S2-003	Delayed - B	24-Apr-03	Alteration of Rotate Master Switch
N3258A-S2-002	Delayed - B	20-Mar-03	Addition of battery lockout switch
N3258A-S2-001	Delayed - 30 days	21-Feb-03	Removal of self-adjustor feature on Johnson shoe brake