

(S1) Samsung 151-Ton Portal Cranes Mandatory Alterations

Mandatory Number	Classification	Date Issued	Title
N3258A-S1-076	When Needed	10-Mar-22	Addition of Main and Whip Hoist Block Actuated Upper
N3258A-S1-074	When Needed	8-Feb-22	Replacement of Hoist Motor/Resolver Shaft Couplings
N3258A-S1-073	Delayed - C	28-Apr-20	Alteration to Boom Pawl Software Interlock
N3258A-S1-072	Delayed - C	1-Mar-18	Alteration of Deadman Circuit
N3258A-S1-071	Delayed - B	19-Mar-15	Replacement of Boom Secondary Upper Limit Switch
N3258A-S1-070	When Needed	13-Aug-14	Replacement of uninterrupted power supply (UPS) with a line filter
N3258A-S1-069	Delayed - B	10-Jun-14	Remove boom heel pin resolver
N3258A-S1-068	Delayed - B	10-Jun-14	Removal of Hoist's Redundant Secondary Lower Limit
N3258A-S1-067	Delayed - B	10-Jun-14	Removal of Third Upper Boom Limit
N3258A-S1-066	Delayed - B	10-Jun-14	Removal of Hoists Redundant Mechanical Overspeed Switch
N3258A-S1-065	When Needed	3-Feb-14	Addition of UPS sleep mode circuitry
N3258A-S1-064	Delayed - B	16-Oct-12	Removal of Brake Starter Faults
N3258A-S1-063	Delayed - B	19-Jun-12	Alteration to Hydraulic Brake Set Software
N3258A-S1-062A	Delayed - 30 days	29-Sep-11	Alteration of BSDS ladder logic
N3258A-S1-062	Delayed - 30 days	21-Sep-11	Alteration of BSDS ladder logic
N3258A-S1-061	Delayed - B	19-Jul-11	Alteration to LMI software
N3258A-S1-060	Delayed - B	17-Mar-11	Documentation (as-built variance) of the wire rope sockets
N3258A-S1-059	When Needed	13-Jan-11	Removal of the emergency dynamic braking circuit from rotate and travel
N3258A-S1-058	Delayed - B	22-Oct-10	Replacement of SMAA 16" magnet base pivot pin
N3258A-S1-057	When Needed	24-Jun-10	Replacement of BSDS hydraulic hoses
N3258A-S1-056	Delayed - B	24-Jun-10	Addition of BSDS test switches
N3258A-S1-055	Delayed - B	16-Dec-09	Replacement of caliper brake HPU breathers
N3258A-S1-054	Delayed - B	18-Nov-08	Alteration of luff hoist boom foot limit bypass
N3258A-S1-053A	Delayed - B	10-Oct-08	Alteration of manually operated bypass switch labels
N3258A-S1-053	Delayed - B	4-Sep-08	Alteration of manually operated bypass switch labels
N3258A-S1-052	When Needed	10-Jun-08	Alteration of boom strut pin end cap and resolver drive shaft
N3258A-S1-051B	When Needed	11-Jan-08	Wheel and axles replacement on Samsung portal cranes
N3258A-S1-051A	When Needed	11-Dec-07	Wheel and axles replacement on Samsung portal cranes
N3258A-S1-051	When Needed	5-Jul-07	Wheel and axles replacement on Samsung portal cranes
N3258A-S1-050	When Needed	23-May-07	Replacement of generator exciter stator
N3258A-S1-049	Delayed - B	9-May-07	Alteration to hoist brake safety timer settings
N3258A-S1-048	Delayed - A	9-May-07	Alteration of boom pawl disengage software

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N3258A-S1-047	Delayed - B	9-Mar-07	Documentation of As-Built Travel Motor Armature Conductor Labeling
N3258A-S1-046	Delayed - B	9-Mar-07	Removal of Fixed Inertia Compensation from Hoist Software
N3258A-S1-045A	Delayed - B	17-Aug-07	Alteration of Current Regulator Crossover Frequency Parameter
N3258A-S1-045	Delayed - B	9-Mar-07	Alteration of Current Regulator Crossover Frequency Parameter
N3258A-S1-044B	When Needed	6-Jun-08	Alteration of all hoist HPU solenoid valve actuators
N3258A-S1-044A	When Needed	12-Feb-08	Alteration of all hoist HPU solenoid valve actuators
N3258A-S1-044	When Needed	22-Mar-07	Alteration of all hoist HPU solenoid valve actuators
N3258A-S1-043A	When Needed	16-Jan-07	Replacement of rotate and travel field loss relays
N3258A-S1-043	When Needed	10-Jan-07	Replacement of rotate and travel field loss relays
N3258A-S1-042B	When Needed	4-Apr-08	Replacement of control panel and cab analog meters
N3258A-S1-042A	When Needed	16-Jan-07	Replacement of control panel and cab analog meters
N3258A-S1-042	When Needed	10-Jan-07	Replacement of control panel and cab analog meters
N3258A-S1-041A	Delayed - B	9-Mar-07	Alteration of LMI Hoist Overload Lockout Software
N3258A-S1-041	Delayed - B	14-Nov-06	Alteration of LMI Hoist Overload Lockout Software
N3258A-S1-040	Delayed - B	14-Nov-06	Alteration of LMI Load Alarm Software
N3258A-S1-039	Delayed - B	30-Aug-06	Alteration of Hydraulic Brake Release Pressure
N3258A-S1-038	Delayed - C	25-Apr-06	Addition of Spare Motor Resolver Signal Cable
N3258A-S1-037	Delayed - C	25-Apr-06	Addition of Luff Limit Keyed Test Switch
N3258A-S1-036	Delayed - B	1-Dec-05	Addition of Cycle Counters to Hoist Hydraulic Caliper Disc Brakes
N3258A-S1-035	Delayed - B	1-Dec-05	Alteration to Clarify Main Hook Block Clearance
N3258A-S1-034	Delayed - C	1-Dec-05	Removal of Hoist Field Resistor Heat Shields
N3258A-S1-033	Delayed - B	29-Nov-05	Alteration of Luff Hoist Lower Limit Bypass Switch
N3258A-S1-032	Delayed - C	29-Nov-05	Addition of Surge Suppressors on Panel View Displays
N3258A-S1-031	Delayed - B	29-Nov-05	Removal of Luff Software Slow-Down Feature When Raising From Horizontal
N3258A-S1-030A	Delayed - C	25-Jan-06	Removal of Nitrogen Monitoring Equipment from the System Accumulators
N3258A-S1-030	Delayed - C	6-Sep-05	Removal of Nitrogen Monitoring Equipment from the System Accumulators
N3258A-S1-029A	When Needed	6-Feb-08	Alteration to Replace the Strut Hinge Resolver Coupling
N3258A-S1-029	When Needed / Delayed - B	18-Aug-05	Alteration to Replace the Strut Hinge Resolver Coupling
N3258A-S1-028	When Needed	18-Aug-05	Documentation of Navy Crane Center Approved Programmable Parameters
N3258A-S1-027	Delayed - B	11-Aug-05	Replacement of Rotate Resolver Couplings
N3258A-S1-026	Delayed - B	7-Jun-05	Alteration of Hoist's Field Circuit Resistors
N3258A-S1-025	When Needed	7-Jun-05	Alteration of Rotate Bearing Fastener Nuts

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N3258A-S1-024	Delayed - B	4-Apr-05	Addition of Lockable Switch For Uninterruptible Power Supply (UPS) Load Lockout
N3258A-S1-023	Delayed - B	30-Mar-05	Alteration of Software to Permanently Activate Static Torque Proving
N3258A-S1-022	Delayed - B	30-Mar-05	Addition of Luff Pawl Actuator Timers
N3258A-S1-021	Delayed - B	30-Mar-05	Modification of Drive Logic for Travel Operation with Motors Disconnected
N3258A-S1-020	Delayed - C	30-Mar-05	Removal of the Brake Power Supply Voltage Sensing Relays
N3258A-S1-019B	Site Specific	19-Jun-08	Documentation of diesel engine shutdown points
N3258A-S1-019A	Site Specific	25-Aug-05	Documentation of Diesel Engine Shutdown Points
N3258A-S1-019	Delayed - B	22-Nov-04	Documentation of Diesel Engine Shutdown Points
N3258A-S1-018	When Needed	10-Sep-04	Addition of Mechanical Fuel Gauge
N3258A-S1-017	When Needed	16-Aug-04	Addition of Access Cover to BSDS HPU Enclosure
N3258A-S1-016	Delayed - B	21-May-04	Replacement of Travel Overload Relays
N3258A-S1-015	Delayed - B	28-Apr-04	Replacement of Brake Rectifiers and Fuses
N3258A-S1-014	Delayed - C	14-Apr-04	Alteration to Add Drains to the Travel Motors
N3258A-S1-013	When Needed	24-Mar-04	Addition of Brake Release Wrench Storage
N3258A-S1-012	When Needed	9-Feb-04	Addition of Drip Pans for the Hoist Drums Fixed Bearing Blocks
N3258A-S1-011	When Needed	9-Feb-04	Installation of 480 VAC Disconnect in Machinery House for Heat
N3258A-S1-010	Delayed - B	26-Nov-03	Documentation / Replacement of Travel Current Resistors
N3258A-S1-009	Delayed - B	10-Dec-03	Modification of Drive Logic for Hoist Brake Current Standby Mode
N3258A-S1-008	Delayed - B	26-Nov-03	Modification of Drive Logic for Luff Limits
N3258A-S1-007	Delayed - B	5-Nov-03	Modification of Diesel Program Logic for Proper Delay of Sequencing Bank Resistors
N3258A-S1-006A	Delayed - B	23-Aug-04	Modification of Drive Logic for Finer Control of Rotate and Travel Functions
N3258A-S1-006	Delayed - B	5-Nov-03	Modification of Drive Logic for Finer Control of Rotate and Travel Functions
N3258A-S1-005	Delayed - B	5-Nov-03	Modification of Drive Logic for LMI Display
N3258A-S1-004	When Needed	28-Oct-03	Addition of Resistor Enclosure Barriers
N3258A-S1-003	Delayed - B	12-Nov-03	Modification of Travel Resistor Enclosures
N3258A-S1-002	When Needed	15-Oct-03	Modification of Hotel Power Reel Cable Length
N3258A-S1-001	Delayed - 30 days	21-Feb-03	Removal of self-adjustor feature on Johnson shoe brake