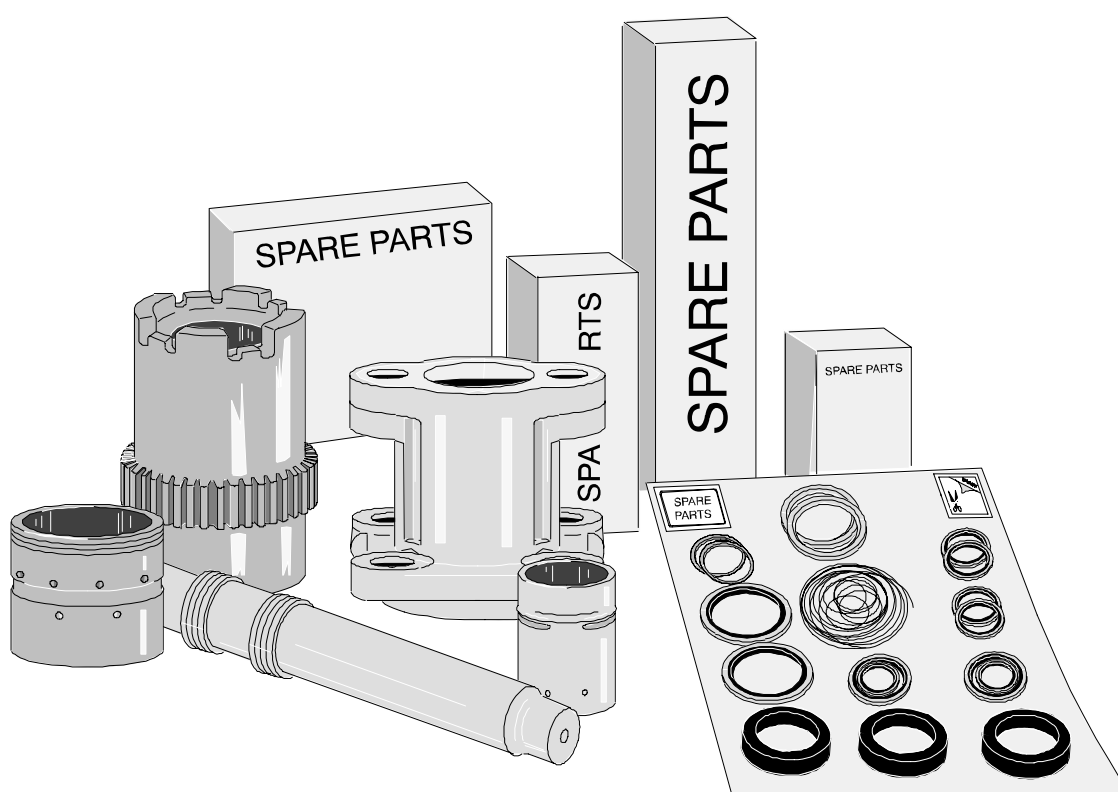




IDENTIFICATION CARD



2. IDENTIFICATION CARD*** UNIT IDENTIFICATION CARD.....**

UNIT IDENTIFICATION CARD

Sandvik DS511 -C
SERIAL NO: 115B36290-1

EQUIPMENT

Equipment main assembly

BG00497832

France

BOLTING MODULE

Basic information

Bolting type	BH50 GCRWI
Bolting ID	BG00497864
Bolting serial number	D14020

Main components

	ID-code	Serial number
Frame	55170901	
Power extractor		
Rod changer		
Retainer		
Bolting cassette	55175227	
Rock Drill	30385024	D035099
Feed mechanism of concrete	55095043	

Cylinders

	ID-code	Serial number / Batch
3-position cylinder	32543228	50/14
Rock support cylinder	BG00505391	02/15
Movement cylinder 1	BG00198225	02/15
Movement cylinder 2	16623305	50/14
Brazing joint head cylinder	55172047	
Movement shank cylinder	55007736	37/14
Resin feed pipe movement cylinder	55013739	51/14

Sensors

	ID-code	Serial number / Batch
Drifter linear sensor	11101202	N43927805



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BOOMS

Basic information

Boom type SB 120 S

Main components

	ID-code	Serial number
Boom	55222497	E12014
Inner pipe	-	TW RE T 2014 36
Outer pipe	-	TW HJI 2014 41 M

Boom castings

	ID-code	Manufacturer/Serial number
Rear part, Swing arm	-	-
Rear part, Mounting plate	326728781	ClaasGuss/263L 1033
Rear part, Cross piece	32188808-D	ClaasGuss/25L3E
Boom head, Tilt clevis	55080932	Tweer/11118 28542A
Boom head, Swing piece	-	-
Boom head, Cross piece	52118818-D	ClaasGuss/27H4E EN-GJS-700-2

Cylinders

	ID-code	Batch-number
Torque motor	BG00334479	44181A
Boom lift cylinder	55155353	48/14
Boom swing cylinder	55155359	49/14
Zoom cylinder	55158380	48/14
Head tilt cylinder	55223450	01/15
Head swing cylinder	35256777	45/14



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Basic Information, Basketboom

	ID-code	Serial Number
Boombasket	55183665-C	E06001
Base plate	55091281	FI 620435 3259 PTK 14 199-B
Mounting plate	55091280	FI 620435 3242 PTK 14 208-C
Boom 1	55091595	FI 620435 3245 PTK 14 158-C
Boom 2	55091596	FI 620435 3245 PTK 14 158-A
Boom 3	55091597	FI 620435 3245 PTK 14 156-A

Cylinders, Basketboom

	ID-code	Batch-number
Boom swing, left	55093824	39/14
Boom swing, right	55093824	39/14
Stabilization	BG00210728	39/14
Boom lift	55183637	01/15
Zoom, rear	55093828	38/14
Zoom, front	55093828	38/14
Platform tilt	55093785	39/14

Safety canopy, Basketboom

	ID-code	Serial Number
Frame of the Roof	55091585	KO F2 TK 14 116-B
Roof	55091604	KO F2 TK 13 051-B
Lift cylinder, left	55093795	29/14
Lift cylinder, right	55093795	29/14



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POWERTRAIN

Axle assembly

	Front axle	Rear axle
ID- code	55045821	55057680
Manufacturer / gear ratio	DANA 113/52	DANA 113/61
Serial number	T-ITA 759561	T-ITA 759926

Engine assembly

ID- code	55198146
Manufacturer / type/ power	Cummins QSB4.5 119 kW
Serial number	22132518
Engine cooler's serial number	14806903-5 01/04/2014

Engine components

	ID-code	Serial number
Purifier/Silencer		
Gearbox/Converter	55215193	TBEA024906 12/14
Pump assembly	55047241	40/14 66048074/011

CARRIER

Components, Powerpack

	ID- code	Serial number
Powerpack unit	55091177	D02235
Pump	77794205	33925916
Gear pump	55091109	02/13 25106581/001

Frames

	ID- code	Manufacturer / Serial number
Front frame	55063275H	FM 163 PTK 14/562
Rear frame	55215639	FM 447 PTK 14/568



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Jack beam

	ID- code	Manufacturer / Serial number
Jack beam	55075615	FI450536 HT/14

Cylinder checks

	ID- code	Batch number
Front jack, left	55069673	39/14
Front jack, right	55069673	39/14
Rear jack, left	55049389	32/14
Rear jack, right	55049389	27/14
Steering cylinder, left	55064669	32/14
Steering cylinder, right	55064669	32/14

Extension of front jacks

	ID- code	Serial number
Extension of front jacks cylinder, left	55033816	45/14
Extension of front jacks cylinder, right	55033816	45/14
Inner extension pipe, left	55033799	-
Inner extension pipe, left	55033799	-

Cylinder checks, Safety canopy/ cabin tilt

	ID- code	Batch number
Safety canopy/ cabin tilt, right	14490003	45/14
Safety canopy/ cabin tilt, left	14490003	45/14

Cabin

	ID- code	Serial number
Cabin	55161390	20141143S
Door's key		1001

Boom Support

	ID- code	Manufacturer / Serial number
Boom Support	55174075B	FI 450537 JL

Components, Air conditioning

	ID- code	Serial number
Air conditioning	BG00416257	0514933002

Components, Central grease unit

	ID- code	Serial number
Central greaser unit	55220173	2813229315/3



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Components, Electric motor

Electric motor	ID- code 87189239	Serial number 407345/004 OH
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Inclination sensor

Inclination sensor	Serial number 1014 0044	Scale +/- 45 (90) / 360 degr.
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Rims

	Batch code
Left front middle plate	08/2014
Right front middle plate	08/2014
Left rear middle plate	08/2014
Right rear middle plate	08/2014

COMPONENTS

Compressor

Compressor	ID- code BG00201519	Type/ Serial number CTN16/F019684
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Water pump

Water pump	ID-code 77006073	Serial number CR3-19 A96566523P31434
Electric motor of the water pump	55198889	12779940011412

IP5

IP5	ID-code 81605139	Serial number 76477
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Cable reel

Cable reel	ID-code 55164306	Serial number 1401187/15
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Waterhose reel

Waterhose reel	ID-code 88806289	Serial number 1402458/04
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Fuel tank and Hydraulic receiver

Fuel tank	ID- code 55199826	Serial number 614948 MI TX14 11
Hydraulic receiver	BG00492886	-



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Oil cooler

	ID-code	Serial number
Oil cooler	85350239	1427 3TC 09/14

Basic Information, Basketboom

	ID-code	Serial Number
Boombasket	55183665-C	E06001
Base plate	55091281	FI 620435 3259 PTK 14 199-B
Mounting plate	55091280	FI 620435 3242 PTK 14 208-C
Boom 1	55091595	FI 620435 3245 PTK 14 158-C
Boom 2	55091596	FI 620435 3245 PTK 14 158-A
Boom 3	55091597	FI 620435 3245 PTK 14 156-A

Cylinders, Basketboom

	ID-code	Batch-number
Boom swing, left	55093824	39/14
Boom swing, right	55093824	39/14
Stabilization	BG00210728	39/14
Boom lift	55183637	01/15
Zoom, rear	55093828	38/14
Zoom, front	55093828	38/14
Platform tilt	55093785	39/14

Safety canopy, Basketboom

	ID-code	Serial Number
Frame of the Roof	55091585	KO F2 TK 14 116-B
Roof	55091604	KO F2 TK 13 051-B
Lift cylinder, left	55093795	29/14
Lift cylinder, right	55093795	29/14



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OTHER INFORMATION

Main switchgear

Electric power 380V/50Hz/70kW

Weight

Total Weight	30000kg
Front Axle	22000kg
Rear Axle	8000kg



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UNIT IDENTIFICATION CARD

Sandvik DS511 -C
SERIAL NO: 115B36290-1

SPECIFICATION

(* replaces the standard component)

Spec

Sandvik DS511-C, spec no: XXX

Basic Units

1 x TC 8 Carrier
1 x Mercedes Benz OM 904 LA (110kW, TIER III)
1 x FOPS (ISO 3449) Safety cabin with A/C, front screen protection bar, CD/Radio/MP3, boot washer and 12V outlet
1 x RD 314 Rock drill for BH 15 to 30 OR HL 510 Rockdrill for BH 40, 50, 60
1 x SB 120S Boom
1 x BH XX Bolting head
1 x TPC 301 EW Electrical control system with proportional boom(s) movements
1 x HP 355, 55 kW Hydraulic power pack
1 x Star Delta Starter (380V-690 V) / DOL (1000 V) / Soft Starter (UL/CSA)
1 x CTN 10 Compressor
1 x SLU 1 Shank lubricating device
1 x WBP 1 Water booster pump
1 x MSE 10 Main switch
1 x TCR 3E L Cable reel
2 x TJ 60 Hydraulic jacks front
2 x TJ 75 Hydraulic jacks rear
1 x OW 30 Oil cooler
1 x WP 42 Water pressure reducing valve
1 x IP5 air cleaner for mine air net connection
1 x Electric filling pump for hydraulic oil
1 x Remote control for reel(s)
1 x Outlet 230V on carrier
6 x 35 W/24 V (H.I.D) Working/Driving lights (front)
2 x 35 W/24 V (HID) Working lights (rear)
2 x 35 W/24 V (HID) Driving lights (rear)
1 x 70 W/24V Remote search light
1 x 70 W/24V Mixer light (if P system)
Standard Documentation:
2 x Service manual (inc.operator's, maintenance, technical manuals)
2 x Spare parts manual
2 x Toolman CD

Options

Bolt storage, right side

*Rockbolting system: GCR (Resin and Cement cartridges) with CT16 compressor

*"In the hole" resin cartridge injection (spec:8-610-S-B)

*Rockbolting system: WI (Water inflated bolt) e.g RX300, Swellex

Bolting module continuous washing system



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Sandvik DS511 -C

SERIAL NO: 115B36290-1

Bolting head oiler (Recommended with P-system, spec:8-615-SA)

Utility boom SUB3iA

FOPS Safety canopy for utility boom SUB3A and 3iA

Automatic water hose reel THR 5E with 130m, 1 1/4" hose

High pressure cleaning system 180bar (Recommended with P-system)

Automatic greasing system for carrier, boom (DL cassette, DS screen handler when applicable)

Amber strobe light

Reversing camera (rear and side)

Manual fire suppression system, 6 nozzles (inc.1 x Hand held fire extinguisher)

*Cummins QSB4.5, 110 kW Diesel engine (Tier4i) incl. exhaust catalyzer

Electric cable PUR (3x50 + 3x10) Length 150 m

*Tiltable Cabin 10° for improved operator's comfort including seat headrest

Cabin heating (drilling and tramming)

SBI Sandvik Bolting Instrumentation (navigate with fan laser)

Access detection system (CONSULT product company, mandatory in Europe)

Extra options

Package: EU-requirements package

Spare: Wheel assembly for TC 8



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