

UNIT IDENTIFICATION CARD

Sandvik DC700
SERIAL NO: 113T22813-1

<i>Component</i>	<i>Code or Value</i>	<i>Serial no. / Manufact. / Size</i>
EQUIPMENT		
Equipment main assembly	552 265 57	
Ordered by	SANDVIK MINING AND CONSTRUCTION USA LLC	
Customer		
Country	UNITED STATES	
Ref.no.	M157693	

CIRCUIT DIAGRAMS

HYDRAULICS & PNEUMATIC

Carrier	551 608 40
Drilling	551 608 42
Boom	551 608 41
Tramming	551 608 48
Cassette	551 978 08
Pneumatic	551 608 49
Main diagram	551 826 26

ELECTRICS

Electric system	551 936 42
Circuit diagram	551 928 27

ROCK DRILL

HL710	550 404 65	B047273
ROTATION MOTOR OMT 250	154 127 23	N21714181



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FEED

CF 145Hx12	550 750 82	B005541
Feed motor	550 246 03	W23435521
Moveable suction head	550 566 55	<i>see welding / castings</i>
Drill steels		
Jaws	550 649 05	2" MF ROD
Additional jaws	550 649 03	1 ¾" MF ROD

ROD CHANGER

RH 714	550 606 65	
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BOOM

ZB 700	550 327 34	<i>see welding / castings</i>
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CARRIER

Frame	551 604 23	<i>see welding / castings</i>
Fuel/Hydraulic tank	551 809 96	<i>see welding / castings</i>

POWERPACK

Engine assembly	551 938 15	
Radiator assembly	551 563 18	2012 000356011 2012/3

DIESEL ENGINE

Volvo penta 160 kw	551 800 81	5311340706
Date of manufacturing		n/a
Engine arrangement		n/a
ECM software		n/a
Starter Volvo		01183286
Part nro		11-026
Alternator Volvo		23944
Part nro		21289221



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PUMP DRIVE GEARBOX		
Tasowheel	551 814 18	676843
HYDRAULIC PUMPS		
Triple pump	551 844 28	03/11-19583293/002
Cooler pump	552 012 94	45/12-66000031/002
OIL COOLERS		
Oil cooler Emmegi	551 792 52	20120126420082012/10
Cooler fan motor	551 828 03	30/12-23948030/011

PNEUMATIC COMPONENTS

COMPRESSOR		
Enduro 25	550 675 59	FE025016539
Air receiver	552 140 27	1826/2011
Safety valve	802 666 89	1137
SHANK LUBRICATION		
SLU	551 796 12	11157

TRACKS

Track assembly	550 999 55	
Left	550 949 90	<i>see welding / castings</i>
Right	550 944 37	<i>see welding / castings</i>
Track chain	551 001 14	ITM
Idler wheels	551 001 18	ITM
Rollers	551 001 17	ITM
Final drive assembly		Trasmital
Right	550 946 72	BT12052293
Left	550 946 72	BT12052292

HYDRAULIC VALVES

Drilling valve block	550 375 99	0177794
Boom valve	239 299 78	
Rod changer	550 365 98	
Driving valve	551 657 17	
Oscillation valve	258 296 38	
Front control panel	550 371 83	B09053
Rear control panel	551 654 42	B09067



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DUST COLLECTOR

DC 710 H	551 506 24	B021405
Hydraulic motor	858 570 99	201210010692

OPTIONAL EQUIPMENT

ANGLE INDICATOR

Spirit level angle indicator	-	
Mechanical MEC- Angie	-	

FILLING PUMP

Electric fuel filling pump	-	
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WINCH

Winch assembly	-	
Winch	-	
Hydraulic motor	-	

WATER INJECTION

Dustmizer system	552 064 34	
Water tank	550 259 62	P4239
Safety valve	802 665 59	1121

CENTRAL LUBRICATION

Central lubrication system	-	
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HEATER

Fuel heater assembly	552 049 60	24168EG
Water heater assembly	-	

TRACKS

Guides for grousers	-	
Three- bar grouser plates	-	

OTHER

Hydraulic rear jack	-	
Primary separator PE320	-	
Feed / Percussion follow-up	-	
Feed / Rod handler wear kit	-	
Anti freeze system	-	
Fire Extinguser	-	



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SanRemo	-	.
Xenon lights	-	
Hose reel (only for 12' rods)	-	
Movable control panel	-	
Flushing control automatics	550 375 42	
Suction shut down	550 286 89	
Towing hook	-	
Sanrock Mini H grinder	-	
Biogradeable hydraulic oil	-	

FILTERS

COMPRESSOR

Air filter element	550 892 66
Safety cartridge	550 892 71
Oil filter element	818 937 49

COMPRESSOR OIL RECEIVER

Oil separator	551 931 42
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DRILLING HYDRAULICS

Return filter element	867 272 89
Pressure filter element	815 584 79

DIESEL ENGINE

Air filter element	550 892 67
Safety cartridge	550 892 73
Oil filter element	550 727 66
Fuel filter, primary	882 392 39
Fuel filter, secondary	885 239 79

DUST COLLECTOR

Filter cartidge	880 211 99
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BREATHER

Hydraulic tank	850 794 09
Fuel tank	850 794 09



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WELDING / CASTINGS

Boom DB 700	550 327 34	n/a
Outer boom	238 919 88	n/a
Inner boom	139 263 78	n/a
Swing piece	550 327 14	n/a
Movable suction head	550 566 55	n/a
Cradle	550 332 87	n/a
Feed rail	550 366 07	n/a
Left track beam	550 949 90	LP/JN/11/83/D/102648
Right track beam	550 944 37	LP/JN/11/97/D/102648
Frame	550 965 53	FIMAKRON/54689/2012/3/J
Fuel/Hydraulic tank	550 890 28	n/a

HYDRAULIC CYLINDERS

BASE FRAME

Oscillation left	551 733 12	31/12
Oscillation right	551 733 12	31/12
Ground jack		

BOOM

Boom lift	170 155 11	31/12
Boom swing	138 749 41	31/12
Zoom	138 782 91	29/12
Feed tilt	137 831 37	31/12
Feed swing	165 348 63	35/12
Feed extension	165 265 71	29/12

FEED ASSEMBLY

Suction head	550 077 41	28/12
Collaring guide		
Retaining centralizer	881 820 49	20/12
Front jack		



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ROD CHANGER		
Lower jaw	550 045 69	19/12
Upper jaw	550 045 69	19/12
Rod feed lower	550 590 61	19/12
Rod feed upper	550 590 61	25/12
Rod transfer lower	550 044 75	21/12
Rod transfer upper	550 044 75	21/12

FLUIDS (Factory filling)

Diesel engine	Shell Rimula R3X	15W-40
Hydraulics	Shell Rimula R3 Multi	10W-30
Compressor oil	Shell Rimula R3	10W
Shank lubrication	Shell Torcula Oil	100
Transfer gearbox	Shell Omala HD	150
Winch	Shell Spirax AX	80W-90
Track rollers+idler wheels	Shell Rimula R3 Multi	10W-30
Final drives	Shell Spirax AX	80W-90
Feed gear	Shell Spirax AX	80W-90
Engine coolant	CAT ELC	



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NOTES

TOTAL WEIGHT	13 600kg
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Date	21.12.2012
Inspector	J-P Lammi

