

UNIT IDENTIFICATION CARD

Ranger DX800

Serial no. 56347

Order number/sn

BG01409413

Equipment main assembly

DXc80d

Type code

Component	Code or Value	Serial no. / Manufact. / Size
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EQUIPMENT

Ordered by	SANDVIK MINING AND ROCK TECHNOLOGY CANADA
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Customer	
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Delivery country	CANADA
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Ref.no.	R627269
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CIRCUIT DIAGRAMS

HYDRAULICS

Carrier	551 951 44
Drilling	551 833 88
Tramming	551 833 82
Boom	BG 004 135 13
Cassette	551 833 84
Radio control	BG 005 482 65
Winch	551 833 85
Ground support	551 833 86
Extra Turn	551 833 87
Front Jack	-
Main diagram	551 955 89

PNEUMATICS

Powerpack / carrier	BG 003 525 17
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ELECTRICS

Circuit diagram	BG 004 224 75
Electrical assembly	BG 009 143 74

ROCK DRILL

HL820T	BG 005 153 13	L047210
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ROTATION MOTOR

OMT 315	154 127 24	N93618350
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FEED		
Feed assembly	BG 005 542 74	
Feed motor	BG 001 196 15	1519565
Jaws	550 752 15	2" MF ROD
Additional jaws	-	
POWERPACK		
Engine assembly	BG 002 120 57	
CAT 7.1 168kW Tier4F	552 260 86	88106266
Date of manufacturing		n/a
Engine arrangement		4455317
Starter	BG 009 470 55	438000-3770
Part no.		482-3187
Alternator	BG 002 272 85	20180918
Part no.		352-470005
Aftertreatment assembly	BG 001 736 97	CFH217527B
Part no.		470-0244
Pump electronics tank	BG 002 103 52	PET088743M
Part no.		499-6621
PUMP DRIVE GEARBOX		
Stiebel 4370	551 814 18	784440
HYDRAULIC PUMPS		
Percussion piston pump	BG 002 234 70	35942835
Rotation piston pump	550 033 41	35935790
Quadro pump	BG 002 281 72	36/1966207662/005
WATER COOLER		
Cooler	BG 002 607 42	20190037270012019/5
Cooler fan motor	BG 002 027 12	18K09210
OIL COOLER		
Oil cooler	551 792 52	2019 003606 006 2019/4
Cooler fan motor	551 828 03	08/19 66191090/005
FUEL COOLERS		
Fuel cooler	551 894 96	2019 001029 106 2019/7
Gearbox cooler	551 894 96	2019 000979 003 2019/7



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PNEUMATIC COMPONENTS**COMPRESSOR**

Enduro 25	550 675 59	FE025028017
Air receiver	BG 009 203 57	S22801 / 2019
Safety valve	BG 003 345 58	06/19

SHANK LUBRICATION

SLU 14L	551 796 12	
Pump unit	551 746 40	51551

TRACKS

Frame assembly	552 229 56	9289
Track chain	551 001 14	ITM
Idler wheels	551 001 18	ITM
Rollers	551 001 17	ITM
Final drive assembly	BG 005 998 54	Trasmital
Left gear		6181119391
Left motor	BG 008 606 27	6181115044 09/18
Right gear		6181119392
Right motor	BG 008 606 27	6181115043 09/18

HYDRAULIC VALVES

Drilling valve block	BG 002 199 01	51795
Remote control block	BG 005 661 04	43777

DUST COLLECTOR

DC 800 H assy	550 680 81	
Dust collector	BG 003 252 52	I021307
Hydraulic motor	858 570 99	201909250056

CABIN

Cabin assembly	BG 002 237 20	3935
Air conditioning	BG 006 258 15	
A/C compressor	BG 002 272 77	001788409870



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OPTIONAL EQUIPMENT

ANGLE INDICATOR

Spirit level angle indicator	-	
TIM 5300	552 006 08 / BG /	
Display unit	551 768 50	10191570
I/O Module	551 949 67	09191784
Carrier rotation sensor	-	
Depth sensor	BG 003 739 95	67716676
Feed tilt / swing sensor	551 768 75	10197696
Carrier inclination sensor	-	
Aiming unit	-	
Boom inclination/base	-	
Boom inclination/knee	-	
GPS receiver	BG	-
Antenna	BG	-
Antenna	BG	-
Laser receiver	-	
Laser receiver	-	

FILLING PUMPS

Electric fuel filling pump	-	
Electric water filling pump	-	

REMOTE CONTROL SYSTEM

Receiver	BG 005 033 56	49005
Transmitter	BG 005 033 58	49005
Antenna	BG 004 929 79	
Pairing n:o		41779

WINCH

Winch assembly	551 841 78	
Winch	551 800 04	350324
Hydraulic motor	552 087 33	180602963

HEATER

Fuel heater assembly	BG 002 730 10	110255G
Watertank heating	-	

CENTRAL LUBRICATION

Central lubrication system	551 759 12	2019380726/5
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WATER INJECTION		
Water injection system	-	
Water tank	-	
Safety valve	BG	-
TRACKS		
Guides for grousers	551 814 05	
POWER EXTRACTOR		
Power extractor readiness	-	
Power extractor	-	
OTHER		
Radio	888 173 49	
Special seat ISRI	550 103 55	
SanRemo	BG 003 273 74	KQ1000053339
Rod greasing system	550 145 86	
Greasing with 5 gallon bucket	550 715 94	
Hydraulic ground support	551 904 20	
Horizontal drilling kit	-	
Primary cyclone	552 003 88	
Grinder	-	
Anti freeze system	551 963 11	
Fire Extinguisher	-	
Sampling device	-	
Vacuum cleaner	-	
Work lights	552 249 11	
Reducer	BG	-
Hose reel	-	
Flushing control automatics	237 760 18	
Suction shut down	550 000 51	
Towing hook	-	
Turnable supersructure 180°	X	
Biodegradeable hydraulic oil	-	
Reverse camera	551 759 14	
Display	BG 003 349 57	1905M00791
Camera 1 / 2	550 944 99	1902C01668/1902C01673
Camera 3	550 944 99	1902C01672
Noise insulation cover	-	
Force flushing pedal	-	
Outlet of air, front	-	
Fast fill, fuel	-	
Cage	BG 008 621 24	



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FLUIDS (Factory filling)		
Diesel engine	Sandvik OE	10W40-LA
Hydraulics	Sandvik OH	68
Compressor oil	Sandvik OC10-H	46
Shank lubrication	Sandvik OS	100
Transfer gearbox	Fuchs Renolin Unisyn CLP	150
Winch	Fuchs Titan Gear HYP LD	80W-90
Track rollers+idler wheels	Fuchs Titan Gear HYP LD	80W-90
Final drives	Fuchs Titan Gear HYP LD	80W-90
Feed gear	Fuchs Titan Gear HYP LD	80W-90
Engine coolant	CAT ELC	
Refridgerant	R134a	

WELDING / CASTINGS

Boom DB 800 H	550 657 42	
Base boom	550 407 46	620132/49/2019/80/B
Knee boom	550 419 70	620132/61/2019/80/I
Swing piece	550 141 28	620132/49/2019/73/C
Cradle	550 657 57	620132/45/2019/14/B
Feed rail	550 662 61	611032/VC/2018/48/1995
Left track beam	552 200 20	260315/TYT/LP3/2019/21G
Right track beam	552 200 23	260315/TYT/LP3/2019/21G
Upper frame	BG 005 713 35	NM/AC/TK/19/109/335
Lower frame	551 803 17	HM/VKV/TK/2019/109360/E
Fuel tank	551 918 82	HM/STV/PTKX/19/106/D
Hydraulic tank	551 561 38	HM/STV/PTKX/19/91/K
Powerpack	BG 002 055 94	HM/TK/AAE/19/68/D



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HYDRAULIC CYLINDERS**UPPER FRAME**

Oscillation left	BG 003 785 76	24/19
Oscillation right	BG 003 785 76	24/19
Rear ground jack	551 638 61	28/19
Frame swing	325 546 78	37/19 2016575
Frame extra swing	550 143 29	21/18

BOOM

Boom lift	550 108 68	39/19
Boom knee	325 135 28	42/19
Feed tilt	BG 003 928 75	40/19
Feed swing	550 110 18	40/19
Feed extension	239 017 98	37/19

FEED ASSEMBLY

Suction head transfer	BG 008 415 46	37/18
Collaring guide	550 877 42	12/18
Pito	881 820 49	02/18
Front jack	-	

ROD CHANGER

Lower jaw	BG 005 757 54	27/19
Upper jaw	BG 005 757 54	27/19
Rod feed lower	550 590 61	39/19
Rod feed upper	550 590 61	39/19
Rod transfer lower	550 044 75	38/19
Rod transfer upper	550 044 75	38/19

NOTES

TOTAL WEIGHT	17 100kg
Date	19.11.2019
Inspector	Mikko Turunen



Tämä sivu tarkoitettu Tamrockin sisäiseen on käyttöön.

HUOMAUTUKSIA
