



HYDRAULIC SQUAD (PTY) LTD

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Tel 087 822 1376 · www.hydraulicsquad.co.za

24/7 ON-CALL SERVICE

***SERVICE EXCHANGE
CATALOGUE***



01

ADS MACHINES

Pit Viper 271 & 275

Air system & cab – 04

Carrier & engine – 05

Engine & hydraulic – 06

Tower – 07-08

Aircon service pack – 09

02

LHD MACHINES

MT6020

Chassis & driveline – 11

Driveline & engine – 12

Other components – 12

03

TME MACHINES

Boomer & Simba series

Boom – Boomer series – 14

Boomer other components – 15

Boom – Simba series – 16

04

SED MACHINES

SmartROC

Air, carrier, drilling & driveline –
18

Mast – 19

Other components – 20

Component not listed? Contact Hydraulic Squad on 087 822 1376 or Riaan@hydraulicsquad.co.za – 24/7 on-call service.

OEM reference numbers are listed for identification only. Atlas Copco, Pit Viper, Boomer, Simba, SmartROC, Kessler, Allison and CAT are trademarks of their respective owners. Hydraulic Squad is not affiliated with these manufacturers.

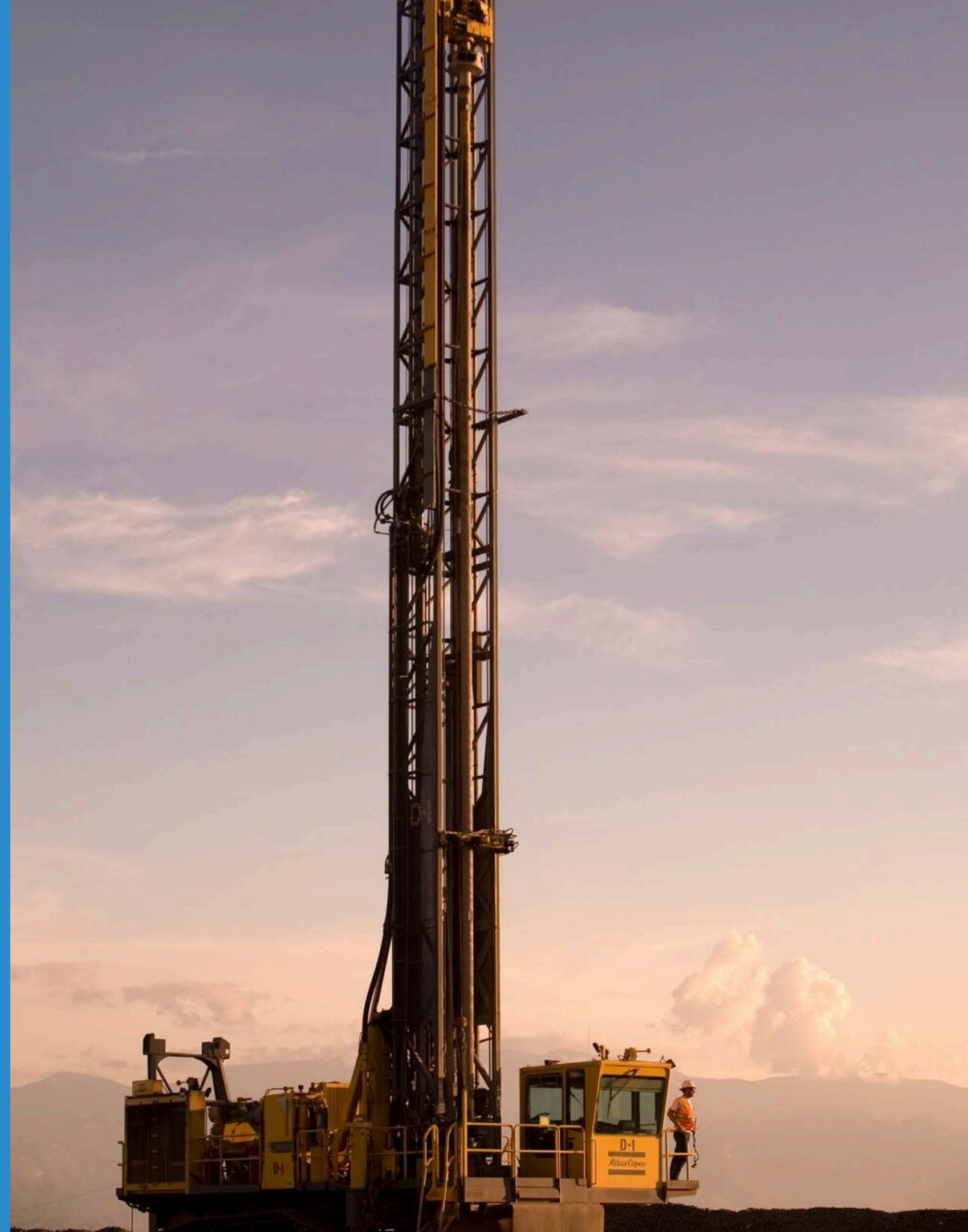
01

ADS MACHINES

Pit Viper 271 & 275 blasthole drills

Air system · Cab · Carrier · Engine · Hydraulic · Tower · Aircon service pack

HYDRAULIC SQUAD · SERVICE EXCHANGE CATALOGUE · 03





CHARGE AIR COOLER

Suits Atlas Copco PV271 & PV275 drill
Module assembly & charge air cooler

Description	OEM Ref. No.
Cooler assembly	2657800427SX



COOLER FAN MOTOR

Suits Atlas Copco PV271 & PV275 drill
Module assembly & cooler fan motor

Description	OEM Ref. No.
Motor, fan	2658607703SX



COMPRESSOR

Suits Atlas Copco PV271 drill
Module assembly & compressor

Description	OEM Ref. No.
Compressor, HR 2.5 – high pressure*	2658357401SX

*Includes sensors, butterfly valve, oil filter element, blanking fittings to all open ports and steel cover.

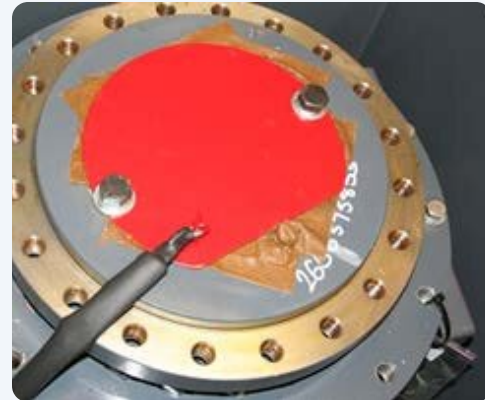


OPERATOR'S SEAT

Suits Atlas Copco PV271 & PV275 drill
Module assembly & seat assembly

Description	OEM Ref. No.
Seat assembly, operator*	2658327825SX

*Includes canvas seat cover.



FINAL DRIVE

Suits Atlas Copco PV271 & PV275 drill

Module assembly & final drive, free wheeling

Description	OEM Ref. No.
Final drive – PV271	2657909376SX
Final drive – PV275	2658565416SX



PROPEL MOTOR (DRIVE MOTOR)

Suits Atlas Copco PV271 & PV275 drill

Module assembly & travel motor

Description	OEM Ref. No.
Propel motor, sensor type for autonomous	2658560642SX



HYDRAULIC JACK CYLINDER

Suits Atlas Copco PV271 & PV275 drill

Module assembly & jack cylinder

Description	OEM Ref. No.
Cylinder, hyd, jack – front	2657712986SX
Cylinder, hyd, jack – rear	2657398562SX



C27 ENGINE

Suits Atlas Copco PV271 drill

Module assembly & engine

Description	OEM Ref. No.
Engine*	2657792053TP

*Includes heat shield, 24V alternator, exhaust & turbo lagging, spinner & centrifuge filters, remote oil filter, L/H dipstick group, spiral guard and blanking fittings.



COOLER ASSEMBLY

Suits Atlas Copco PV271 & PV275 drill
Module & radiator assembly

Description	OEM Ref. No.
Radiator, PV271 drill rig*	2657888026SX

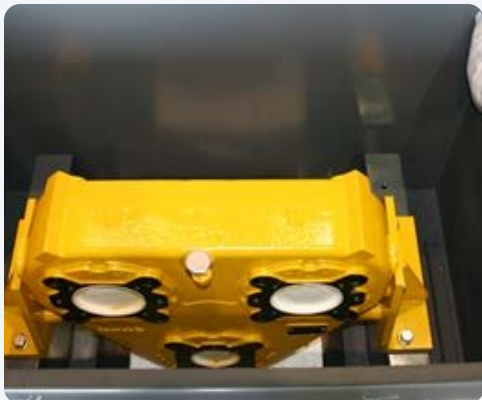
*Includes sensors, valves, hoses, fittings and blanking fittings to all open ports.



HYDRAULIC MOTOR

Suits Atlas Copco PV271 & PV275 drill
Module assembly & rotation motor

Description	OEM Ref. No.
Motor: hydraulic power head	2658607591SX



GEAR BOX (PUMP DRIVE)

Suits Atlas Copco PV271 & PV275 drill
Module assembly & pump drive

Description	OEM Ref. No.
Gearbox, 3 hole	2657825580SX



PUMP P7

Suits Atlas Copco PV271 & PV275 drill
Module assembly & main pump

Description	OEM Ref. No.
Pump	2658607738SX



FEED CYLINDER

Suits Atlas Copco PV271 & PV275 drill
Module assembly & feed cylinder

Description	OEM Ref. No.
Cylinder, hyd, feed – PV271	2658270185SX
Cylinder, hyd, feed – PV275	2658270177SX



POWER HEAD PV275

Suits Atlas Copco PV275 drill
Module assembly & rotary head

Description	OEM Ref. No.
Powerhead, pump*	2658540293SX

*Includes blanking fittings to all open ports.



POWER HEAD PV271

Suits Atlas Copco PV271 drill
Module assembly & rotary head

Description	OEM Ref. No.
Powerhead, pump*	2658385663SX

*Includes blanking fittings to all open ports.



ROD SUPPORT

Suits Atlas Copco PV271 drill
Module & rod support assembly

Description	OEM Ref. No.
Rod support assembly*	2657825887KT

*Includes all hoses and fittings.



TOWER RAISE CYLINDER

Suits Atlas Copco PV271 & PV275 drill
Module assembly & tower-raise cylinder

Description	OEM Ref. No.
Cylinder, hyd*	2657648164SX

*Includes blanking fittings to all open ports.

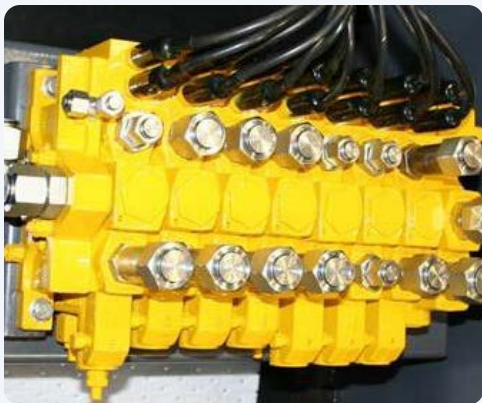


STACKING VALVE (11 SPOOL)

Suits Atlas Copco PV271 & PV275 drill
Module assembly & stacking valve 11 spool

Description	OEM Ref. No.
Valve, stacking*	2657750560SX

*Includes blanking fittings to all open ports.



STACKING VALVE (7 SPOOL)

Suits Atlas Copco PV271 & PV275 drill
Module assembly & stacking valve 7 spool

Description	OEM Ref. No.
Valve, stacking*	2658466961SX

*Includes blanking fittings to all open ports.

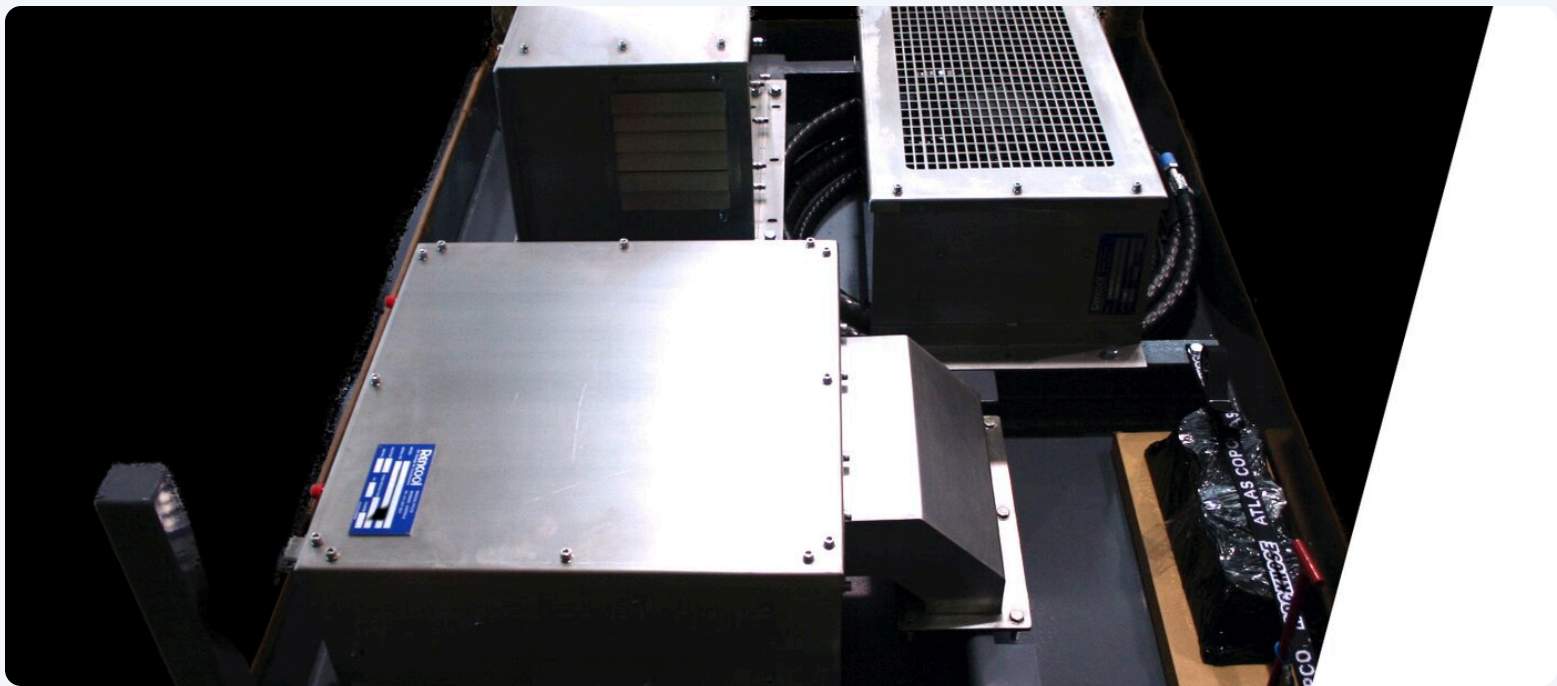


WRENCH ASSEMBLY

Suits Atlas Copco PV271 drill
Module & wrench assembly

Description	OEM Ref. No.
Wrench assembly*	2657658403SX

*Includes all hoses and fittings.



AIRCON SERVICE PACK

Suits Atlas Copco PV271 & PV275 drill · Module assembly & aircon pack

Description	OEM Ref. No.
Aircon service pack*	2658473765SX

*Includes compressor unit, evaporator unit, condenser unit and external hose kit.

COMPONENT NOT LISTED?

Hydraulic Squad repairs, rebuilds and manufactures hydraulic components. Contact us for a quote or an exchange unit.

Tel 087 822 1376

Cell 067 616 8259

Riaan@hydraulicsquad.co.za

24/7 ON-CALL SERVICE

02

LHD MACHINES

MT6020 underground mine trucks

Chassis · Driveline · Engine · Other components

HYDRAULIC SQUAD · SERVICE EXCHANGE CATALOGUE · 10





SUSPENSION "A" FRAME & BEARING

Suits Atlas Copco MT6020

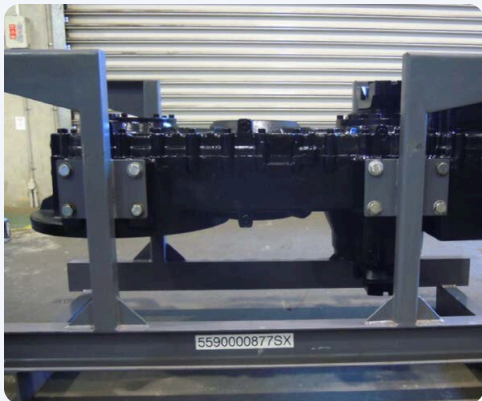
Description	OEM Ref. No.
Suspension "A" frame and bearing	5590005859SX



ALLISON TRANSMISSION

Suits Atlas Copco MT6020

Description	OEM Ref. No.
CEC2 transmission	5590010380SX



KESSLER DROPBOX

Suits Atlas Copco MT6020

Description	OEM Ref. No.
Kessler dropbox	5590000877SX



KESSLER UPBOX

Suits Atlas Copco MT6020

Description	OEM Ref. No.
Kessler upbox	5590000876SX



KESSLER AXLE

Suits Atlas Copco MT6020

Description	OEM Ref. No.
Kessler front/rear axle, 111 series	5590006017SX
Kessler front/rear axle, 106 series	5590006149SX
111/106 Kessler brake pack	5590007460SX
Kessler 111/106 front/rear diff	5590003793SX
111/106 complete planetary assembly	5590006807SX
Kessler 111/106 wheel hub & studs	5590007521SX
Kessler 111/106 wheel end kit	9754120033



RADIATOR

Suits Atlas Copco MT6020

Description	OEM Ref. No.
MT6020 radiator, Tier 1	5590006698SX
MT6020 radiator, Tier 2	5590010241SX

OTHER COMPONENTS AVAILABLE

Description	OEM Ref. No.
MT6020 steering cylinder	5590000662SX
MT6020 suspension cylinder	5590007492SX
MT6020 dump cylinder	5573352700SX
H frame and fan assembly, Tier 1	5590008042SX
Shift lever	5541889800SX

03

TME MACHINES

Boomer and Simba series underground drill rigs

Boom – Boomer series · Boom – Simba series · Other components





BOOM ASSEMBLY

Suits Atlas Copco Boomer series

Description	OEM Ref. No.
BUT 45 boom assembly	8994345200SX



TURNING DEVICE – HELAC SERIES

Suits Atlas Copco Boomer series
Module assembly

Description	OEM Ref. No.
Turning device, Helac series	3128312645SX



TOP MOUNT FEED HOLDER KIT

Suits Atlas Copco Boomer series

Description	OEM Ref. No.
Feed holder kit, top mount*	3128218215SX

*Includes blanking fittings to all open ports.

COMPONENT NOT LISTED?

More Boomer components on the next page. Call us for anything else.

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OTHER COMPONENTS AVAILABLE

BOOMER SERIES

Description	OEM Ref. No.
Hydraulic cylinders	Multiple
BUT 4 rear turning device	9724494000
BUT 4 front turning device	9724493800
BUT 4B front turning device	3128312643SX
BUT 4B rear turning device	9724494605
BUT 4B boom assembly	9724494900
BUT 28 boom assembly	3128324053SX
BUT 28 boom part, front left	3128315867SX
BUT 28 boom part, front right	3128315866SX
BUT 32 boom assembly (up to rotation unit)	9754106700
BUT 32 front boom support	9754101800
BUT 35 boom assembly (side mount)	9754106809
Scaletec boom assembly	9106246414SX
BUT 35 telescopic assembly	3125487396SX
1000V 75 kW electric motor	9106109009SX
Front boom support, BUT 32/35	9754100105
Rear boom support, BUT 35	9754100205

Description	OEM Ref. No.
BUT 35 boom mid section	9759061008
Feed holder kit, left hand	9754100700
Feed holder kit, right hand	9754100800
Feed holder bearing housing, left hand	3128313711SX
Feed holder bearing housing, right hand	3128313716SX
Cable reel gear box	9759090469
Water reel gear box	9759095648
GA 5 compressor module with receiver	9754109400
176/271 axle – M2D/M4C	5112307183SX
176/273 axle – L2C front	5112307184SX
176/274 axle – L2C rear	5112307185SX
171/122 axle – H104 front and rear	9754106501
171/302 axle – Rocket Boomer H104 front	5112312018SX
123/174 axle – M2C/D	5112330668SX
113/54/55 axle – M/L2C30	5112319768SX
114/51 axle – E2C, Cabletec, E7C front & rear	5112322579SX



SIMBA ROD HANDLER

Suits Atlas Copco Simba series

Description	OEM Ref. No.
RHS 27D – no gripper arms or segments	9754109900



ROTATION UNIT

Suits Atlas Copco Simba series

Description	OEM Ref. No.
BHR 60 rotation unit	3128309381SX

OTHER COMPONENTS AVAILABLE

Description	OEM Ref. No.
Simba 1257 front turning device	3128312643SX
Simba 1257 boom rotation unit (ref 3128314313)	9724494606
Simba pendulum arm	9754108804
RHS 27D to 17D conversion kit	9754109901
RHS gripper arm	3128309733SX

Description	OEM Ref. No.
E7C BUT 45 complete boom assembly	8994345000SX
311/112/166 axle – S7D/H1257	5112321427SX
Dropbox for axle 311/112/166	5112322308SX
112/195 Simba H1257 front axle	5112318728SX

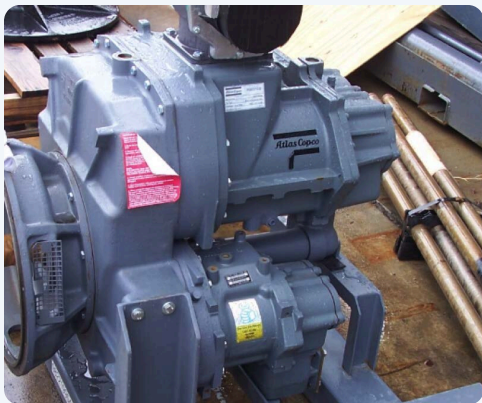
04 SED MACHINES

SmartROC surface drill rigs

Air system · Carrier · Drilling system · Driveline · Mast · Other components

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COMPRESSOR COMPLETE

Suits Atlas Copco SmartROC

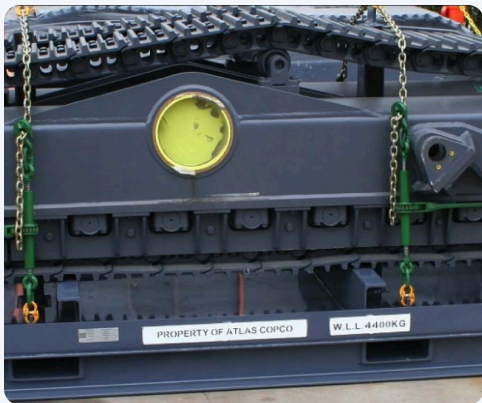
Description	OEM Ref. No.
ROC L8 MK2/L8 30 compressor complete, 30 bar	9822199548SX



BREAKOUT TABLE

Suits Atlas Copco SmartROC

Description	OEM Ref. No.
ROC L8 MK2/D65 breakout table	3222320189SX



COMPLETE TRACK FRAME

Suits Atlas Copco SmartROC

Description	OEM Ref. No.
ROC D65 complete track frame, left + right*	3222342500SX

*10 roller track frames. Suits wide track upgrade.



CAT ENGINES

Suits Atlas Copco SmartROC

Description	OEM Ref. No.
CAT C9 engine	3222313706SX
CAT C12 engine	3222313708SX
CAT C13 engine	3222320190SX
CAT C15 engine	3222319489SX



BOOM ASSEMBLY

Suits Atlas Copco SmartROC

Description	OEM Ref. No.
ROC L8/D65 boom assembly	3222320757SX



BOOM HEAD REAR COMPLETE

Suits Atlas Copco SmartROC

Description	OEM Ref. No.
ROC L8 MK2/D65 boom head rear complete	3222319996SX



BOOM HEAD FRONT COMPLETE

Suits Atlas Copco SmartROC

Description	OEM Ref. No.
ROC L8 MK2/D65 boom head front complete	3222331597SX

COMPONENT NOT LISTED?

More SmartROC components on the next page. Call us for anything else.

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Description	OEM Ref. No.
DHR 6H-68 rotation unit	4350266200SX
DHR 6H-68 RC rotation unit	4350266302SX
DHR 48 H68 rotation unit	8032010277SX
ROC L8/D65 engine cooler pack assembly	3222324236SX
ROC L7 compressor/hydraulic cooler assembly	3222327717SX
ROC F9 engine radiator assembly	3222290174SX
ROC L7 compressor/hydraulic cooler assembly	8971672453SX
ROC L8 MK2-30/D65 compressor/hydraulic cooler assembly	3222324237SX
ROC L8 MK2-30/D65 compressor cooler assembly	3222331322SX
ROC F9 radiator	3222315222SX
ROC F9 cooler	3222315224SX

Description	OEM Ref. No.
ROC L8 MK2 right hand track assembly	3222327117SX
ROC L8 MK2 left hand track assembly	3222327118SX
ROC L8 MK2 final drive with motor	3222327724SX
ROC F9 feed motor and gear	3222182481SX
ROC L7/L8 MK2 track motor	3222328708SX
ROC L8 MK1 compressor complete, 25 bar	3222330830SX
ROC F9/11 compressor element	2989016300SX
ROC D9C compressor element	9822199593SX
ROC L7 (40) short block compressor	9822199559SX

