

2006 Atlas Copco COP4050ME Drifter Rock Drill



Make	Atlas Copco		Model	COP4050ME	
Year	2006	Hours		As at	
Mileage			km	As at	
Serial/VIN	AVO06D1430K		Engine Serial		
Details	<p>2006 Atlas Copco COP4050ME Drifter Rock Drill in "as Is" condition. Recently returned from work this drifter may require rebuild prior to going back into operation. Last rebuilt by Atlas Copco in March 2015 @ \$32 K + GST, for full details please contact GES for our Equipment Report. Available ex Hazelmere, Western Australia This asset is offered for sale via Online Auction on an "As Is Where Is" basis ex Hazelmere, Western Australia.</p>				
Asking price	AUD	Under review - call for pricing			
Ex site	Australia, Western Australia, Hazelmere				

Service history	Recently returned from work this drifter may require rebuild prior to going back to work. Last rebuilt March 2015 as per Atlas Copco Rebuild report below
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**For further details, to make an offer or book an inspection, contact
Global Equipment Solutions on Office: 08 9201 1142**

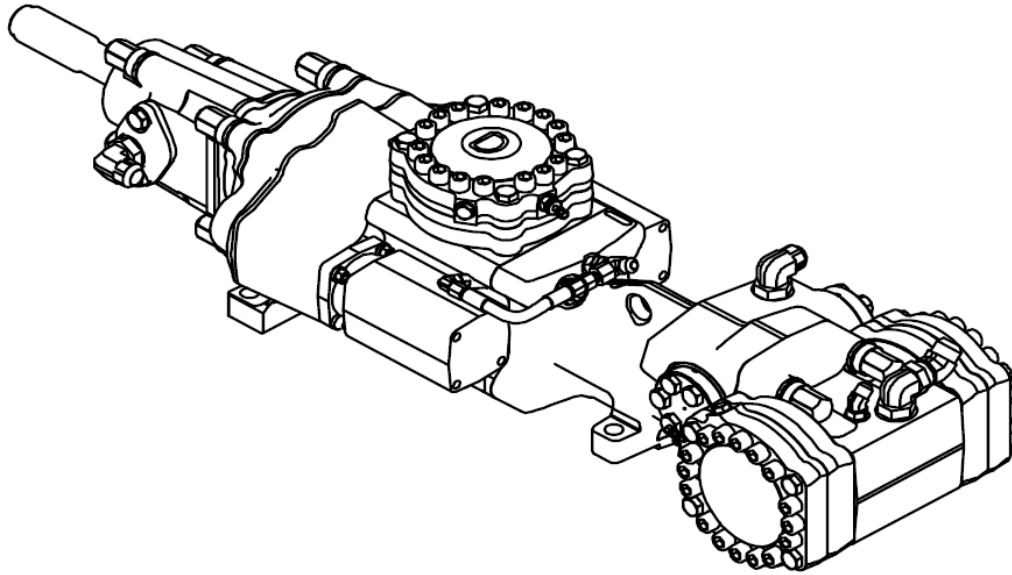






4050 ME– P Series Rockdrill inspection & Test Report

REQ#: 70038025
 CUSTOMER: BGC
 JOB NUMBER: 288286
 SERIAL NUMBER: AVO 06D 1430K
 HOURS ACHIEVED: 600
 MODEL: COP 4050 ME
 REPORT DATE: 12-03-2015



ROCKDRILL FAILURE ANALYSIS AND GENERAL COMMENTS:

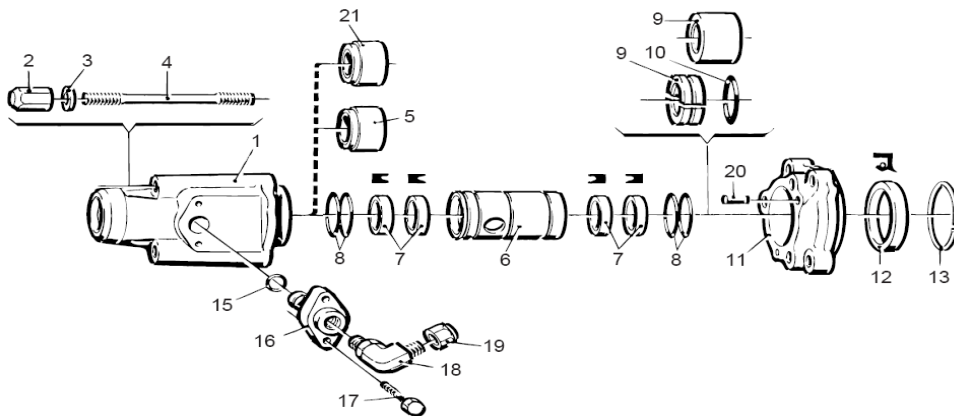
FRONT HEAD GUIDE DAMAGED/WORN (Max: 54.0mm, Measures: 54.3mm), REQUIRES REPLACING. STOP RING WORN/DAMAGED, REQUIRES REPLACING. DRIVER WORN/DAMAGED, REQUIRES REPLACING. ROTATION CHUCK BUSHING WORN/DAMAGED, REQUIRES REPLACING. CHUCK BUSH WORN, REQUIRES REPLACING. IMPACT PISTON DAMAGED/WORN, REQUIRES REPLACING. BOTH FRONT AND REAR IMPACT PISTON GUIDES CAVITATED/WORN, REQUIRE REPLACING. ROTATION MOTORS SCORED/BYPASSING, REQUIRE REPLACING. THERE IS MINOR CAVITATION ON THE POPPET VALVE, RIGHT HAND VALVE COVER, INSIDE THE INTERMEDIATE HOUSING AND THE CYLINDER HOUSING.

Recommendations:

N/A.

4050 ME– P Series Rockdrill inspection & Test Report

Front Head ME



REF	PART NUMBER	QTY	DESCRIPTION	SERVICEABLE	COMMENTS
1	3115 3554 00	1	Front head	Reuse	SERVICEABLE
2	3115 3050 00	3	Dome nut	Reuse	SERVICEABLE
3	3115 3051 00	3	Washer	Reuse	SERVICEABLE
4	3115 3073 00	3	Stud	Reuse	SERVICEABLE
5	3115 2620 00	1	Guide (TC)	Not applicable	N/A.
6	3115 2297 00	1	Flushing head (T51)	Reuse	SERVICEABLE
6	3115 2296 00	1	Flushing head (TC)	Not applicable	N/A.
7	3115 2386 00	4	Cup seal (T51)	Replace	AS PER SERVICE
7	3115 2372 00	4	Cup seal (TC)	Not applicable	N/A.
8	0663 6143 01**	4	O-ring	Replace	AS PER SERVICE
9	3115 3592 00	1	Stop ring (T51)	Replace	WORN/DAMAGED
10	0663 2104 94**	1	O-ring	Replace	AS PER SERVICE
11	3115 3040 80	1	Cover complete	Reuse	SERVICEABLE
12	0666 6000 25	1	Radial lip seal	Replace	AS PER SERVICE
13	3115 2051 00	1	Lock ring	Reuse	SERVICEABLE
15	0663 2129 01**	1	O-ring	Replace	AS PER SERVICE
16	3115 2019 00	1	Connection plate	Reuse	SERVICEABLE
17	0147 1477 03	2	Screw	Replace	AS PER SERVICE
18	3176 6569 00	1	Nipple	Replace	AS PER SERVICE
20	0102 0460 00	1	Cylindrical pin	Replace	AS PER SERVICE
21	3115 3515 00	1	Guide (T51)	Replace	DAMAGED/WORN

** included in O-ring set 3115 9151 90

Comments:

FRONT HEAD GUIDE DAMAGED/WORN, (Max: 54.0mm Measures: 54.7mm), REQUIRES REPLACING.

STOP RING WORN/DAMAGED, REQUIRES REPAIRING.

Recommendations:

PIC # 1 WORN/DAMAGED FRONT HEAD GUIDE.

PIC # 2 WORN/DAMAGED STOP RING.

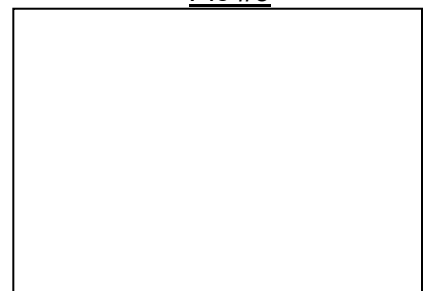
Pic #1



Pic #2

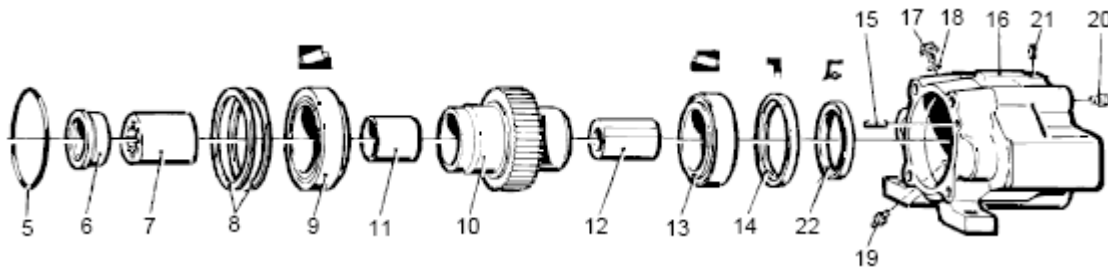


Pic #3



4050 ME– P Series Rockdrill inspection & Test Report

Gear Housing



REF	PART NUMBER	QTY	DESCRIPTION	SERVICEABLE	COMMENT
5	06632103 92**	1	O-ring	Replace	AS PER SERVICE
6	3115 2147 00	1	Spacer ring	Not applicable	N/A.
7	3115 2031 0	1	Driver	Replace	WORN/DAMAGED
7	3115 2911 00	1	Driver helical	Not applicable	N/A.
8	3115 2042 01	-	Shim 0.10	Replace	AS PER SERVICE
8	3115 2042 02	-	Shim 0.15	Replace	AS PER SERVICE
8	3115 2042 03	-	Shim 0.50	Replace	AS PER SERVICE
9	0509 0121 07	1	Roller bearing	Replace	AS PER SERVICE
10	3115 2014 80	1	Rotation chuck complete	Reuse	SERVICEABLE
11	3115 2046 00	1	Bushing	Replace	WORN
12	3115 3550 00	1	Rotation chuck bushing	Replace	WORN/DAMAGED
13	0509 0228 00	1	Roller bearing	Replace	AS PER SERVICE
14	3115 2041 00	1	Ring	Reuse	SERVICEABLE
15	0102 0460 00	1	Cylindrical pin	Replace	AS PER SERVICE
16	3115 3034 80	1	Gear housing complete	Reuse	SERVICEABLE
17	0686 4201 03	1	Plug	Replace	AS PER SERVICE
18	0653 9038 00	1	Gasket	Replace	AS PER SERVICE
19	0544 2162 00	1	Lubricating nipple	Replace	AS PER SERVICE
20	3115 2153 00	1	Check valve	Replace	AS PER SERVICE
21	0686 9110 00	1	Protection plug	Replace	AS PER SERVICE
22	0666 6000 25	1	Radial lip seal	Replace	AS PER SERVICE

**included in O-ring set 3115 9151 90

Comments:

DRIVER WORN/DAMAGED, REQUIRES REPLACING.

ROTATION CHUCK BUSHING WORN/DAMAGED, (Max: 1.0mm Measures: 1.2mm), REQUIRES REPLACING.

CHUCK BUSH WORN, REQUIRES REPLACING.

Recommendations:

PIC # 1 WORN/DAMAGED DRIVER

PIC # 2 WORN/DAMAGED ROTATION CHUCK BUSHING.

PIC # 3 WORN CHUCK BUSH.

Pic #1



Pic #2

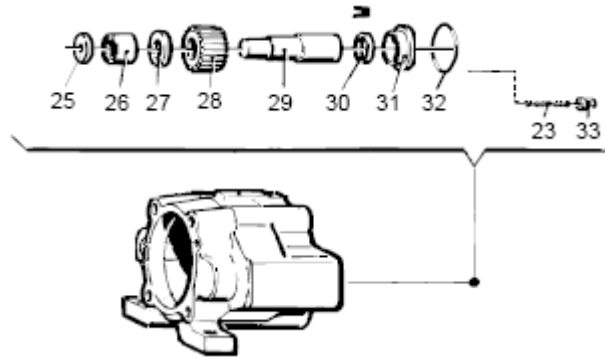


Pic #3



4050 ME- P Series Rockdrill inspection & Test Report

Gear Housing continued



<u>REF</u>	<u>PART NUMBER</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>SERVICEABLE</u>	<u>COMMENT</u>
23	3115 1165 00	8	Stud	Reuse	SERVICEABLE
25	3115 2633 00	2	Washer	Reuse	SERVICEABLE
26	0515 3100 07	2	Needle bearing	Replace	AS PER SERVICE
27	3115 2040 00	2	Washer	Reuse	SERVICEABLE
28	3115 2022 00	2	Gear	Reuse	SERVICEABLE
29	3115 3077 00	2	Coupling	Reuse	SERVICEABLE
30	0665 1000 72	2	Cup seal	Replace	AS PER SERVICE
31	3115 2052 00	2	Seal housing	Reuse	SERVICEABLE
32	0663 2100 53**	2	O-ring	Replace	AS PER SERVICE
33	3115 3548 00	8	Nut	Replace	AS PER SERVICE

** included in O-ring set 3115 9151 90

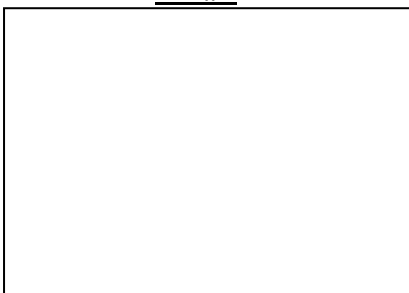
Comments:

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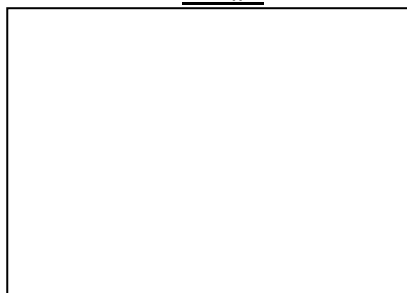
Recommendations:

N/A.

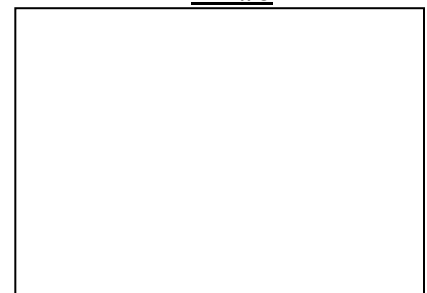
Pic #1



Pic #2

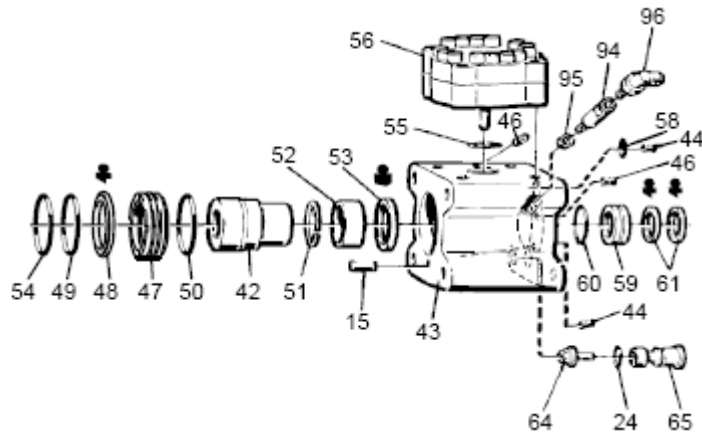


Pic #3



4050 ME- P Series Rockdrill inspection & Test Report

Intermediate Part



REF	PART NUMBER	QTY	DESCRIPTION	SERVICEABLE	COMMENT
15	0102 0460 00	1	Cylindrical pin	Replace	AS PER SERVICE
24	0663 2131 01	1	O-ring	Replace	AS PER SERVICE
42	3115 2831 00	1	Dampening piston	Reuse	SERVICEABLE
43	3115 3206 84	1	Intermediate part complete	Reuse	SERVICEABLE
44	3115 1746 06	2	Nozzle	Reuse	SERVICEABLE
46	0196 1318 00	2	Set screw	Reuse	SERVICEABLE
47	3115 3501 80	1	Liner complete	Reuse	SERVICEABLE
48	3115 2055 00	1	Set of seals	Replace	AS PER SERVICE
49	0663 6147 01**	1	O-ring	Replace	AS PER SERVICE
50	0663 2103 58	1	O-ring	Replace	AS PER SERVICE
51	3115 2745 00	1	Lock ring	Reuse	SERVICEABLE
52	3115 2763 00	1	Bushing	Reuse	SERVICEABLE
53	3115 1880 00	1	Set of seals	Replace	AS PER SERVICE
54	0663 2103 58	1	O-ring	Replace	AS PER SERVICE
55	0663 6135 01**	3	O-ring	Replace	AS PER SERVICE
56	3115 2708 80	1	Damper accumulator compl	Reuse	SERVICEABLE
58	0663 2100 62**	1	O-ring	Replace	AS PER SERVICE
59	3115 2827 80	1	Seal housing complete	Reuse	SERVICEABLE
60	0663 6139 01**	1	O-ring	Replace	AS PER SERVICE
61	3115 2813 00	2	Set of seals	Replace	AS PER SERVICE
64	3115 2100 00	1	Valve poppet	Reuse	SERVICEABLE
65	3115 2099 00	1	valve seat	Replace	CAVITATED/WORN
94	3115 2360 00	1	Extension nipple	Reuse	SERVICEABLE
95	3115 1695 00	1	Seal washer	Replace	AS PER SERVICE
96	3176 6351 00	1	Nipple	Replace	AS PER SERVICE

** included in O-ring set 3115 9151 90

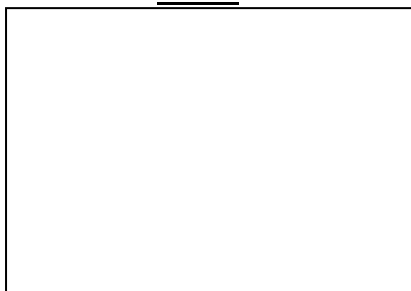
Comments:

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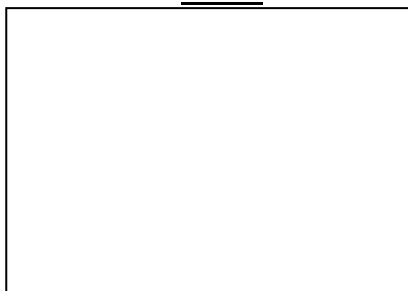
Recommendations:

N/A.

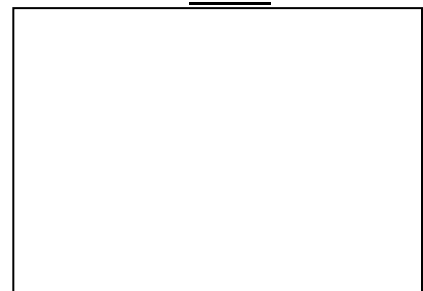
Pic #1



Pic #2

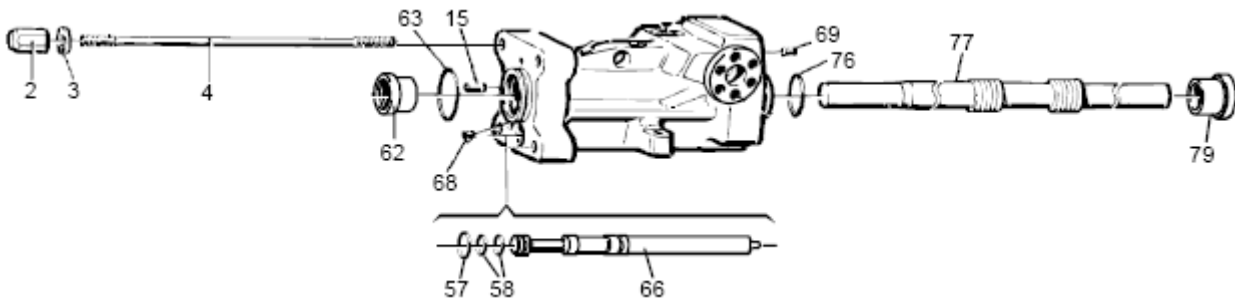


Pic #3



4050 ME- P Series Rockdrill inspection & Test Report

Cylinder Housing



REF	PART NUMBER	QTY	DESCRIPTION	SERVICEABLE	COMMENT
2	3115 3050 00	4	Dome nut	Reuse	SERVICEABLE
3	3115 3051 00	4	Washer	Reuse	SERVICEABLE
4	3115 3052 00	4	Side bolt	Reuse	SERVICEABLE
15	0102 0460 00	1	Dowel	Replace	AS PER SERVICE
57	3115 3048 00	1	Seal ring	Replace	AS PER SERVICE
58	3115 3289 05	2	Seal ring	Replace	AS PER SERVICE
62	3115 3598 00	1	Piston guide	Replace	CAVITATED
63	0663 6143 01**	1	O-ring	Replace	AS PER SERVICE
66	3115 2832 00	1	Regulating pin	Reuse	SERVICEABLE
68	3115 2401 00	1	Plug	Reuse	SERVICEABLE
69	0196 1318 00	1	Set screw	Reuse	SERVICEABLE
76	0663 6139 01**	1	O-ring	Replace	AS PER SERVICE
77	3115 2823 00	1	Piston	Replace	DAMAGED/PITTED
79	3115 3574 00	1	Piston guide	Replace	CAVITATED

** included in O-ring set 3115 9151 90

Comments:

IMPACT PISTON DAMAGED/SCORED, REQUIRES REPLACING.

BOTH FRONT AND REAR IMPACT PISTON GUIDES ARE CAVITATED/WORN, REQUIRE REPLACING.

Recommendations:

PIC # 1 DAMAGED/PITTED IMPACT PISTON.

PIC # 2 CAVITATED/WORN FRONT AND REAR IMPACT PISTON GUIDES.

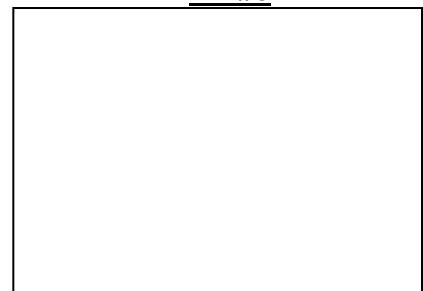
Pic #1



Pic #2

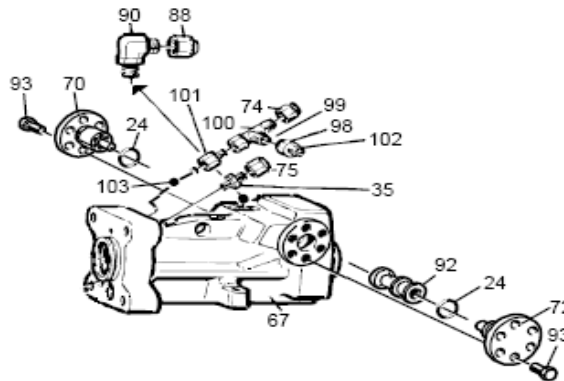


Pic #3



4050 ME- P Series Rockdrill inspection & Test Report

Cylinder Housing Continued



<u>REF</u>	<u>PART NUMBER</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>SERVICEABLE</u>	<u>COMMENT</u>
24	0663 2131 01	2	O-ring	Replace	AS PER SERVICE
35	3176 6515 00	1	Nipple	Replace	AS PER SERVICE
67	3115 3036 82	1	Cylinder complete	Reuse	SERVICEABLE
70	3115 3053 00	1	Valve cover	Reuse	SERVICEABLE
72	3115 3054 00	1	Valve cover	Reuse	SERVICEABLE
74	3176 5313 00	1	Cap	Replace	AS PER SERVICE
75	3715 0597 00	1	Cap	Replace	AS PER SERVICE
88	3715 0819 00	1	Cap	Replace	AS PER SERVICE
90	3176 6569 00	1	Nipple	Replace	AS PER SERVICE
92	3115 2828 00	1	Valve piston	Reuse	SERVICEABLE
93	0147 1477 03	12	Screw	Reuse	SERVICEABLE
98	3176 6501 00	1	Nipple	Replace	AS PER SERVICE
99	3176 6615 00	1	Cap nut	Replace	AS PER SERVICE
100	3176 5535 00	1	Nipple	Replace	AS PER SERVICE
101	3115 3151 01	1	Nipple	Reuse	SERVICEABLE
102	3176 8505 00	1	Restrictor	Reuse	SERVICEABLE
103	0661 1026 00	1	Washer	Replace	AS PER SERVICE

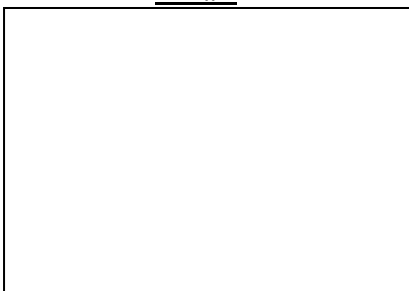
Comments:

N/A.

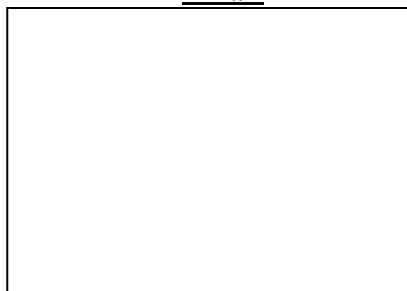
Recommendations:

N/A.

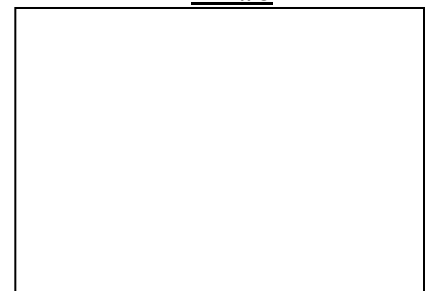
Pic #1



Pic #2

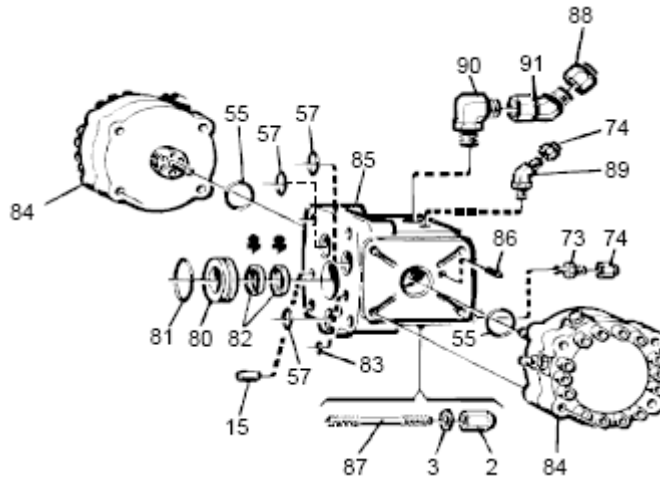


Pic #3



4050 ME- P Series Rockdrill inspection & Test Report

Back Head



REF	PART NUMBER	QTY	DESCRIPTION	SERVICEABLE	COMMENT
2	3115 3050 00	4	Dome nut	Reuse	SERVICEABLE
3	3115 3051 00	4	Washer	Reuse	SERVICEABLE
15	0102 0460 00	1	Cylindrical pin	Replace	AS PER SERVICE
55	0663 6135 01**	2	O-ring	Replace	AS PER SERVICE
57	3115 3048 00	3	Seal ring	Replace	AS PER SERVICE
73	3176 6512 00	1	Nipple	Replace	AS PER SERVICE
74	3176 5313 00	2	Cap	Replace	AS PER SERVICE
80	3115 2597 80	1	Seal housing	Reuse	SERVICEABLE
81	0663 6139 01**	1	O-ring	Replace	AS PER SERVICE
82	3115 2053 00	2	Set of seals	Replace	AS PER SERVICE
83	0663 2118 01	1	O-ring	Replace	AS PER SERVICE
84	3115 2704 80	2	Accumulator complete	Reuse	SERVICEABLE
85	3115 3037 82	1	Back head complete	Reuse	SERVICEABLE
86	0196 1318 00	2	set screw	Reuse	SERVICEABLE
87	3115 3049 00	4	Stud	Reuse	SERVICEABLE
88	3715 0819 00	1	Cap	Replace	AS PER SERVICE
89	3176 6553 00	1	Nipple	Replace	AS PER SERVICE
90	3176 6569 00	1	Nipple	Replace	AS PER SERVICE
91	3176 6551 00	1	Nipple	Replace	AS PER SERVICE

** included in O-ring set 3115 9151 90

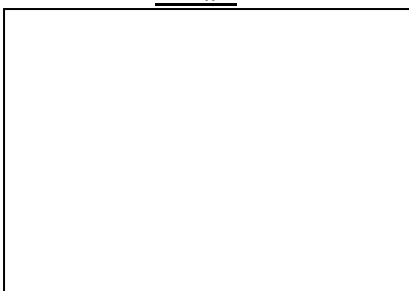
Comments:

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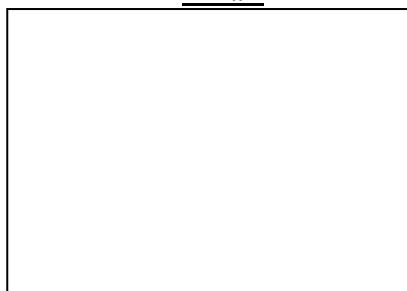
Recommendations:

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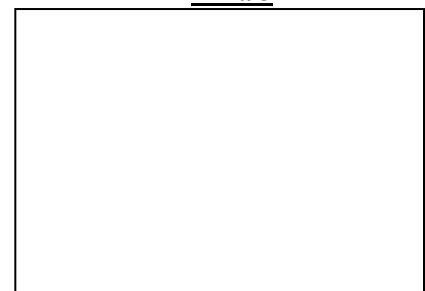
Pic #1



Pic #2

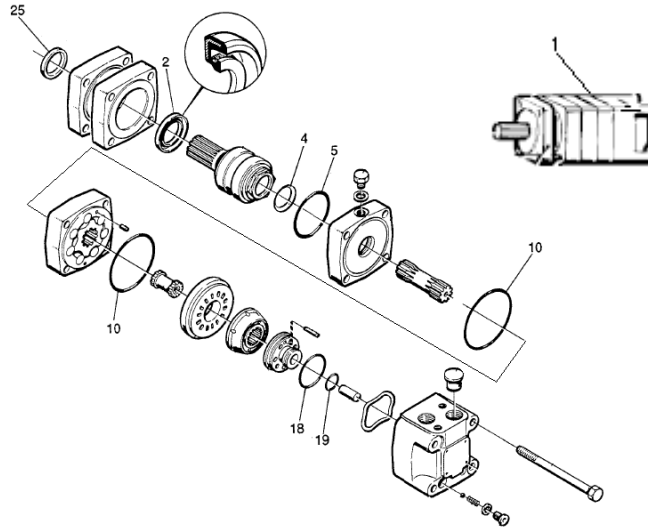


Pic #3



4050 ME- P Series Rockdrill inspection & Test Report

Rotation Motor



REF	PART NUMBER	QTY	DESCRIPTION	SERVICEABLE	COMMENT
1	3115 3473 83	2	(07-160)	Not applicable	N/A.
1	3115 3473 85	2	(09-250)	Replace	BYPASSING/SCORED
1	3115 3473 86	2	(10-315)	Not applicable	N/A.
2	***				
4	***				
5	***				
10	***				
18	***				
19	***				
25	***				

*** included in Set of seals 3315 3473 90

Comments:

ROTATION MOTORS BYPASSING/SCORED, REQUIRE REPLACING.

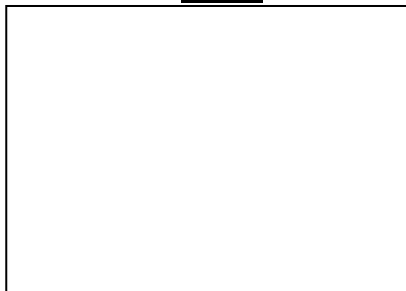
Recommendations:

PIC # 1 SCORED/DAMAGED ROTATION MOTOR.

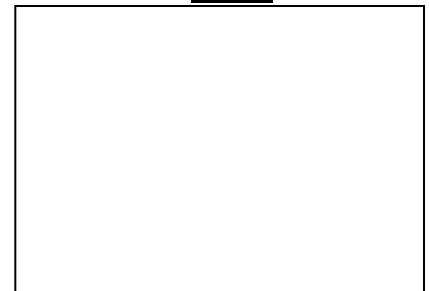
Pic #1



Pic #2

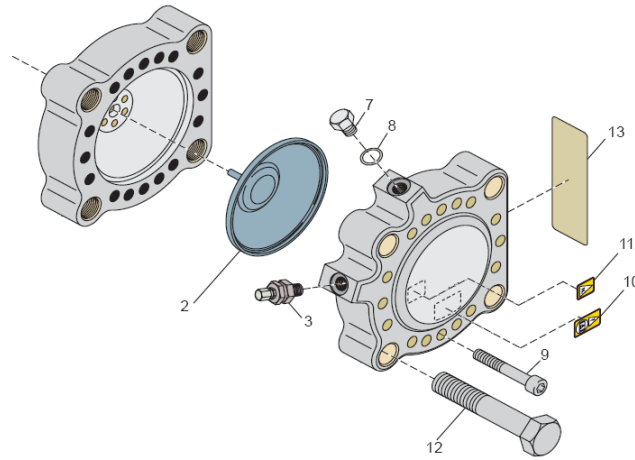


Pic #3



4050 ME– P Series Rockdrill inspection & Test Report

DAMPENING / HP / LP Accumulators



REF	PART NUMBER	QTY	DESCRIPTION	SERVICEABLE	COMMENT
2	3115 3572 00	1	Diaphragm	Replace	AS PER SERVICE
3	3115 0262 00	1	Valve	Replace	AS PER SERVICE
7	3115 0263 00	1	Plug	Replace	AS PER SERVICE
8	0663 6121 00**	1	O-ring	Replace	AS PER SERVICE
9	3115 2706 00	16	Screw	Reuse	SERVICEABLE
10	3115 2629 00	1	Safety label	Replace	AS PER SERVICE
11	3115 2630 00	1	Safety label	Replace	AS PER SERVICE
12	3115 2703 00	4	Screw	Reuse	SERVICEABLE
13	3115 2716 00	1	Data label	Not applicable	N/A.

** included in O-ring set 3115 9151 90

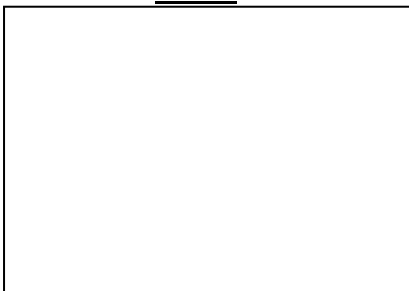
Comments:

N/A.

Recommendations:

N/A.

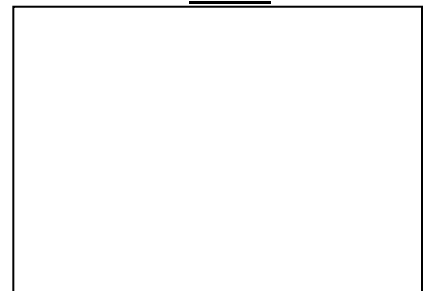
Pic #1



Pic #2



Pic #3





4050 ME- P Series Rockdrill inspection & Test Report

ATLAS COPCO QUOTATION FOR REPAIR

Item No	Part No	Description	Qty	Price
1	3115915191	SEAL KIT	1	\$ 1,472.66
2	3115204202	SHIM (0.15mm)	3	\$ 238.59
3	0509012107	BEARING	1	\$ 227.34
4	0509022800	BEARING	1	\$ 144.67
5	0515310007	BEARING	2	\$ 100.51
6	0102046000	CYL PIN	5	\$ 11.36
7	0544216200	NIPPLE	1	\$ 1.06
8	3115354800	NUT	8	\$ 459.20
9	3176567000	HOSE	2	\$ 56.23
10	3115357200	DIAPHRAGM	3	\$ 1,582.20
11	3115026200	CHARGE VALVE	3	\$ 195.17
12	3115261710	PLUG	3	\$ 164.70
13	3115331200	LABEL	1	\$ 7.27
14	3115316400	LABEL	1	\$ 5.77
15	3115271290	LABEL SET	3	\$ 3.47
16	3115215300	CHECK VALVE	1	\$ 125.54
17	3115238600	CUP SEAL	4	\$ 55.03
18	0663210054	O-RING	4	\$ 4.23
19	3115236081	NIPPLE KIT	1	\$ 270.49
20	3115351500	FRONT HEAD GUIDE	1	\$ 702.50
21	3115359200	STOP RING	1	\$ 1,144.37
22	3115203100	DRIVER	1	\$ 3,361.44
23	3115355000	ROTATION CHUCK BUSHING	1	\$ 1,778.93
24	3115204600	CHUCK BUSH	1	\$ 380.91
25	3115282300	IMPACT PISTON	1	\$ 8,813.76
26	3115359802	FRONT IMPACT PISTON GUIDE	1	\$ 1,009.94
27	3115357400	REAR IMPACT PISTON GUIDE	1	\$ 868.93
28	3115347385	ROTATION MOTOR	2	\$ 2,841.06
29	9754006806	4050 FITTING KIT	1	\$ 182.81
30		SANDBLAST & PAINT	1	\$ 464.28
		Parts sub total		\$ 26,674.42

Labour

Description	Hrs	List Each	List Ext
Labour to Repair	36	\$ 130.00	\$ 4,680.00

CONSUMABLES	\$ 500.00
ENVIRONMENTAL FEE	\$ 17.50
GRAND TOTAL EX GST	\$ 31,871.92
AUTHORISED BY	Mark Osborne