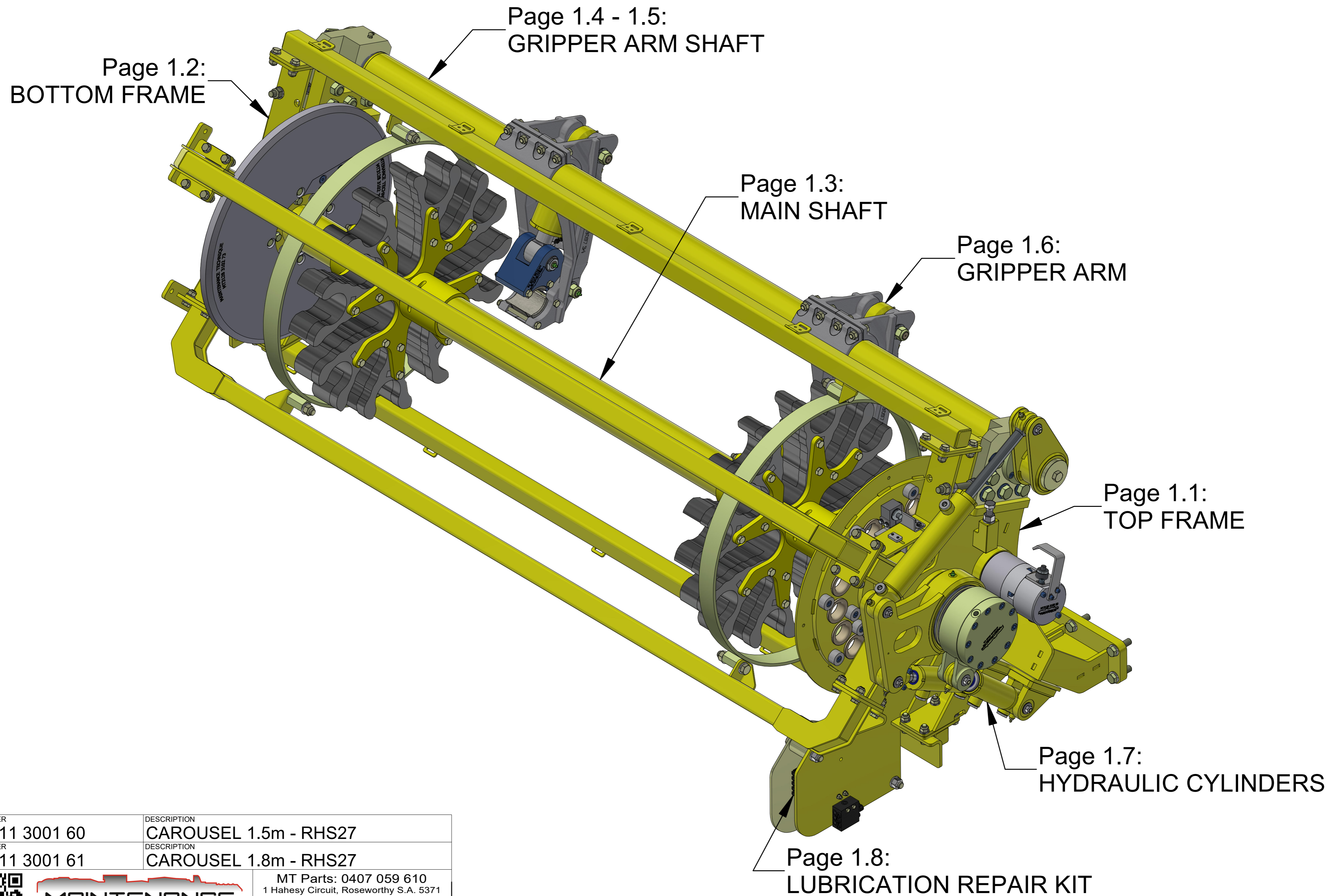



PART NUMBER	DESCRIPTION	
MTE7 RHS27 CA	BOOM - FEED ASSEMBLY	
		MT Parts: 0407 059 610 1 Haesy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <a href="http://www.mtunderground.com">www.mtunderground.com</a>
	UNDERGROUND DRILL RELIABILITY	

SECTION 1: CAROUSEL



PART NUMBER MT9111 3001 60	DESCRIPTION CAROUSEL 1.5m - RHS27
PART NUMBER MT9111 3001 61	DESCRIPTION CAROUSEL 1.8m - RHS27
	
<p><b>MAINTENANCE TECHNIQUE</b></p> <p>UNDERGROUND DRILL RELIABILITY</p>	
<p>MT Parts: 0407 059 610 1 Haesy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430</p> <p><a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <a href="http://www.mtunderground.com">www.mtunderground.com</a></p>	

MT3222 1488 09C  
SENSOR ASSEMBLY  
COMPLETE


MT3128 3103 50  
PLUNGER COMPLETE

MT3128 3102 061  
CLUTCH COMPLETE

MT3128 3134 03C  
CLEVIS  
(weld on)

ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3128 3102 14	COVER	1	
2	MT3128 3115 79	SHIM	5	
3	MT3128 3102 17S	COVER	1	Includes items 4 & 5
4	MT0665 9170 01	WIPER	1	
5	MT0665 9170 011	RADIAL SHAFT SEAL	1	
6	MT3128 3102 18	PLAIN BEARING	1	
7	MT3128 3102 13	SPACER	1	
8	MT3128 3134 04	CYLINDER - SWING	1	See page 1.7
9	MT0501 0000 51	BEARING	2	
10	MT3128 3102 12	SPACER RHS	1	
11	MT3128 3020 94	CLAMP	2	
12	MT3222 1488 09	INDUCTIVE SENSOR	3	
13	MT3128 3101 97	END PIECE	1	
14	MT3128 3134 03	CYLINDER - PARK	1	See page 1.7
15	MT3128 3134 02	CYLINDER - INDEX	1	See page 1.7
16	MT3128 3117 14	PROTECTION	1	
18	MT3128 3104 72	RHS PIN COMPLETE	6	
19	MT0666 8097 02	V-RING SEAL	2	
20	MT9111 4088 50	LINK ARM	1	
21	MT3128 3102 09	SPACER	1	
22	MT0502 1091 94	BALL BEARING	2	
23	MT3128 3102 08	COVER	1	
24	MT0663 2158 00	O-RING	1	
25	MT3128 3103 53	PLUNGER	1	
26	MT3128 3103 52	PISTON ROD	1	
27	MT3128 3103 SK	PLUNGER SEAL KIT	1	Complete (7 items)
28	MT3128 3083 72	SPRING	1	
29	MT3128 3097 40	SHIM	3	
30	MT3128 3103 51	HOUSE	1	
31	MT3128 3103 502	SENSOR MOUNT PLATE	1	
32	MT3128 3103 50BK	BOLT KIT	1	
33	MT3214 7790 00	DISC	1	
34	MT3128 3102 061SK	CLUTCH SEAL KIT	1	Complete (7 items)
35	MT3128 3102 06	ARM	1	
36	MT3128 2206 00	PISTON ROD	1	
37	MT3128 3102 15	COVER (CLUTCH)	1	
38	MT3128 2288 00	COVER (RETAINER)	1	
39	MT0147 1961 80C	SCREW & NUT	1	
40	MT3128 2538 17	GREASE DISTRIBUTOR BLOCK	1	6 port E7C, ME7C only
41	MT3128 2538 18	GREASE DISTRIBUTOR BLOCK	2	12 port
42	MT3128 3117 141	GREASE BLOCK PROTECTION	1	
43	MT3128 3117 142	SPACER	2	

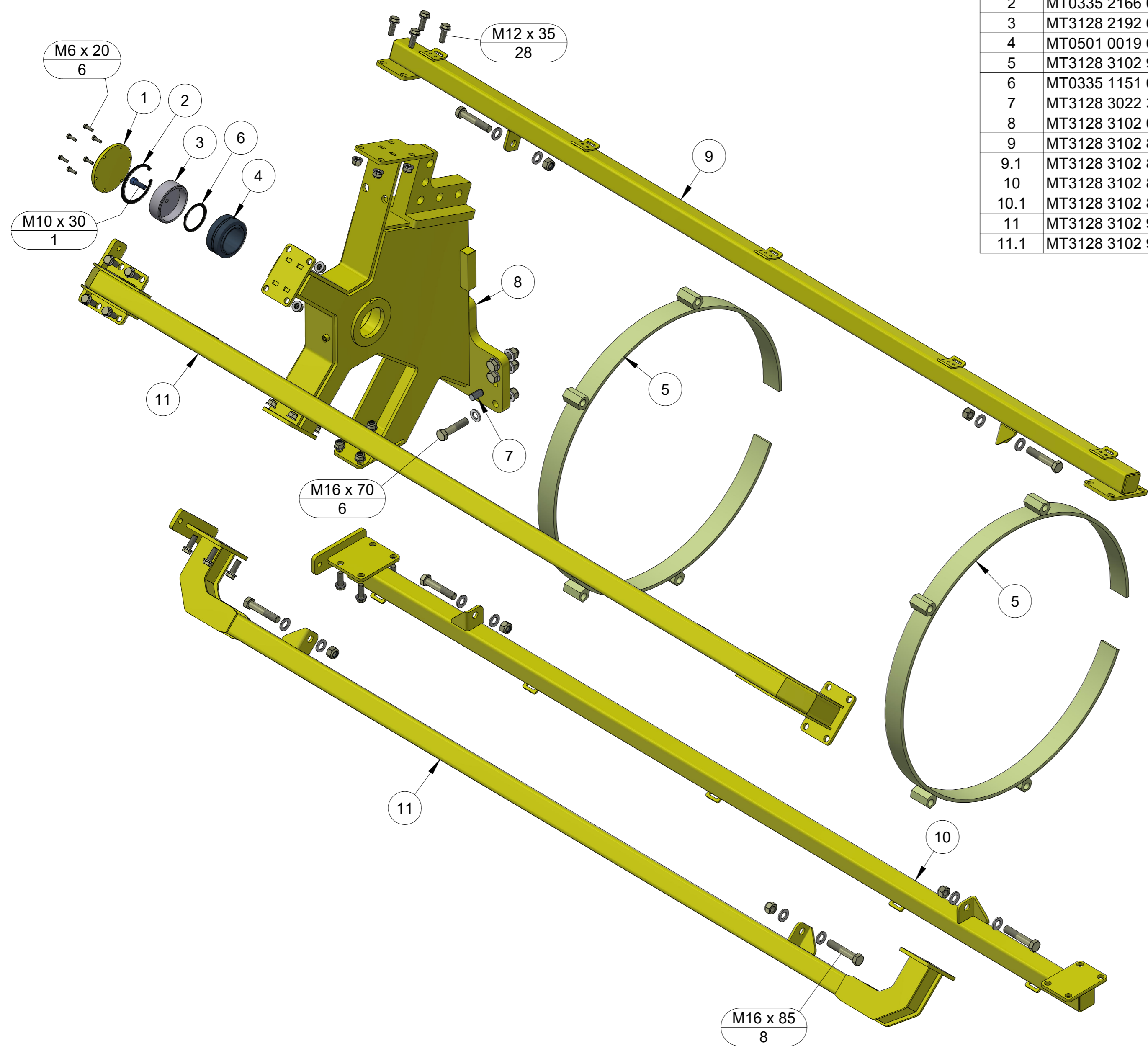
PART NUMBER: MT9111 3001 61-2      DESCRIPTION: TOP FRAME - RHS27




**MAINTENANCE TECHNIQUE**  
UNDERGROUND DRILL RELIABILITY


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ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3128 3102 16	COVER	1	
2	MT0335 2166 00	CIRCLIP	1	
3	MT3128 2192 00	SPACER	1	
4	MT0501 0019 01	BEARING	1	
5	MT3128 3102 93	PROTECTION ARCH	2	
6	MT0335 1151 00	CIRCLIP	1	
7	MT3128 3022 32	DOWEL	2	
8	MT3128 3102 00	END PIECE	1	
9	MT3128 3102 84	STAY	1	1.8m
9.1	MT3128 3102 845	STAY	1	1.5m
10	MT3128 3102 88	STAY	1	1.8m
10.1	MT3128 3102 885	STAY	1	1.5m
11	MT3128 3102 92	STAY	2	1.8m
11.1	MT3128 3102 925	STAY	2	1.5m



PART NUMBER <b>MT9111 3001 60-3</b>	DESCRIPTION <b>BOTTOM FRAME 1.5m - RHS27</b>
PART NUMBER <b>MT9111 3001 61-3</b>	DESCRIPTION <b>BOTTOM FRAME 1.8m - RHS27</b>



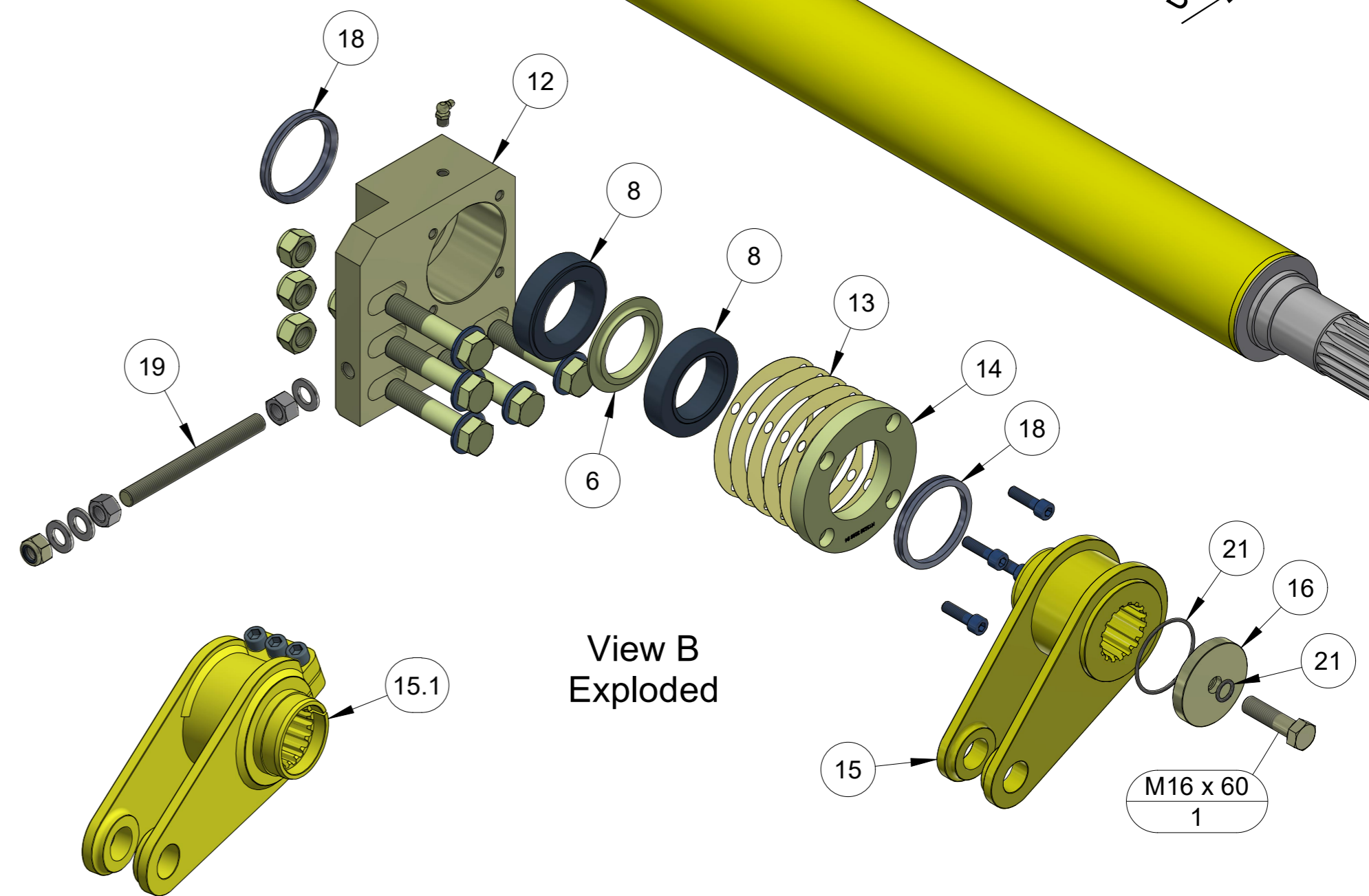
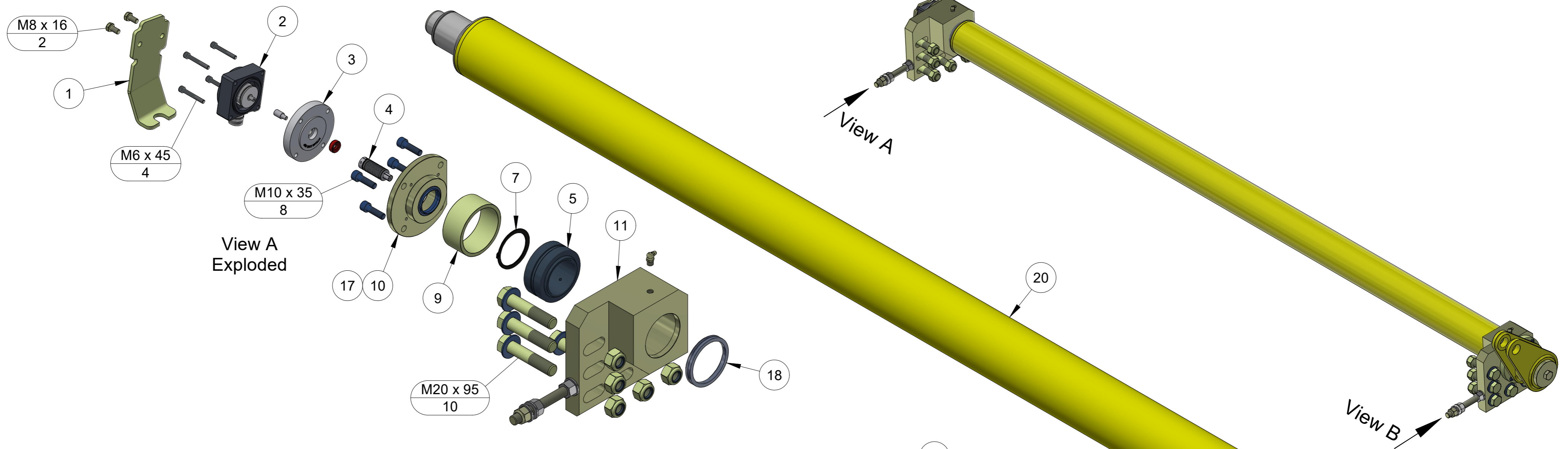


**MAINTENANCE  
TECHNIQUE**  
UNDERGROUND DRILL RELIABILITY

MT Parts: 0407 059 610  
1 Haesy Circuit, Roseworthy S.A. 5371  
171 Dugan Street, Kalgoorlie W.A. 6430


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[www.mtunderground.com](http://www.mtunderground.com) **1.2**






ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3128 3065 45	PROTECTION PLATE	1	
2	MT9106 2192 03	ANGLE SENSOR	1	
3	MT9772 0115 16	RESOLVER SEAL KIT	1	Inc. 4 x M6x45 S/S SHCS
4	MT3128 3059 89	BELLOWS COUPLING	1	
5	MT0501 0019 01	BEARING	1	
6	MT3128 3102 13	SPACER	1	
7	MT0335 1151 00	CIRCLIP	1	
8	MT0501 0000 51	BEARING	2	
9	MT3128 3104 00	SPACER	1	
10	MT3128 3107 13	COVER	1	
11	MT3128 3103 93	BEARING HOUSING	1	
12	MT3128 3103 92	BEARING HOUSING	1	
13	MT3128 3115 78	SHIM	5	
14	MT3128 3103 94	COVER	1	
15	MT3128 3103 98	ARM	1	OEM
15.1	MT3128 3103 982	CLAMPING ARM	1	MT alternative
16	MT3128 2288 00	COVER	1	
17	MT0665 9170 01	WIPER SEAL	1	
18	MT0666 8000 24	V-RING SEAL	3	1 only MK7 on
19	MT0248 9979 54	THREADED ROD	2	
20	MT3128 3103 91	ROD HANDLING ARM	1	1.8m drill tubes
20.1	MT3128 3103 90	ROD HANDLING ARM	1	1.5m drill tubes
21	MT3128 2288 00SK	COVER SEAL KIT	1	
22	MT9111 3001 RK5	GRIPPER REBUILD KIT PRE MK7	0	Inc. items 5, 7, 8, 13, 18 & 21

PART NUMBER <b>MT9111 3001 60-5</b>	DESCRIPTION <b>GRIPPER SHAFT 1.5m (pre MK7)</b>
PART NUMBER <b>MT9111 3001 61-5</b>	DESCRIPTION <b>GRIPPER SHAFT 1.8m (pre MK7)</b>

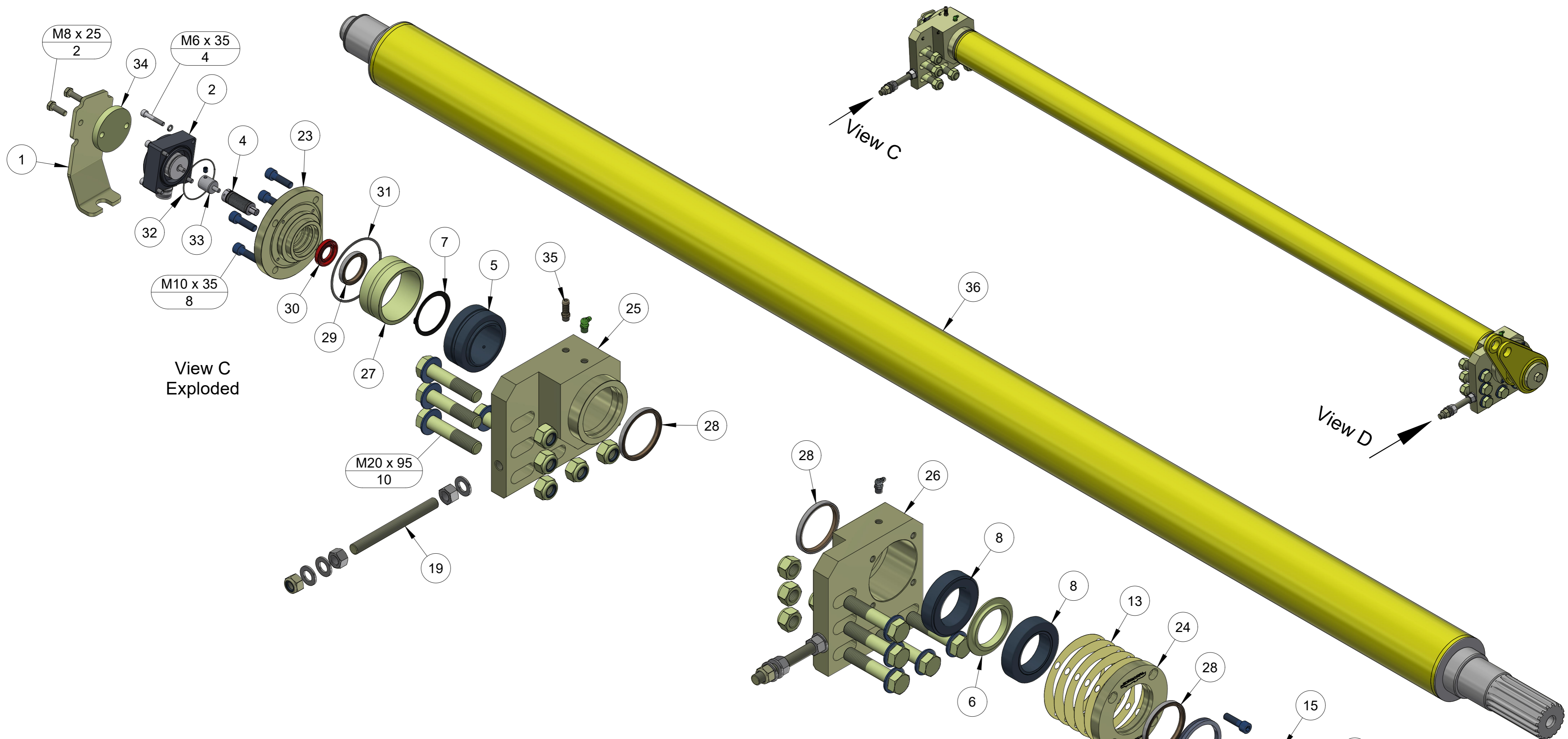




UNDERGROUND DRILL RELIABILITY

MT Parts: 0407 059 610  
1 Haehy Circuit, Roseworthy S.A. 5371  
171 Dugan Street, Kalgoorlie W.A. 6430  
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View C Exploded

View D Exploded

REFER PAGE 1.4 FOR ITEMS 1 - 22

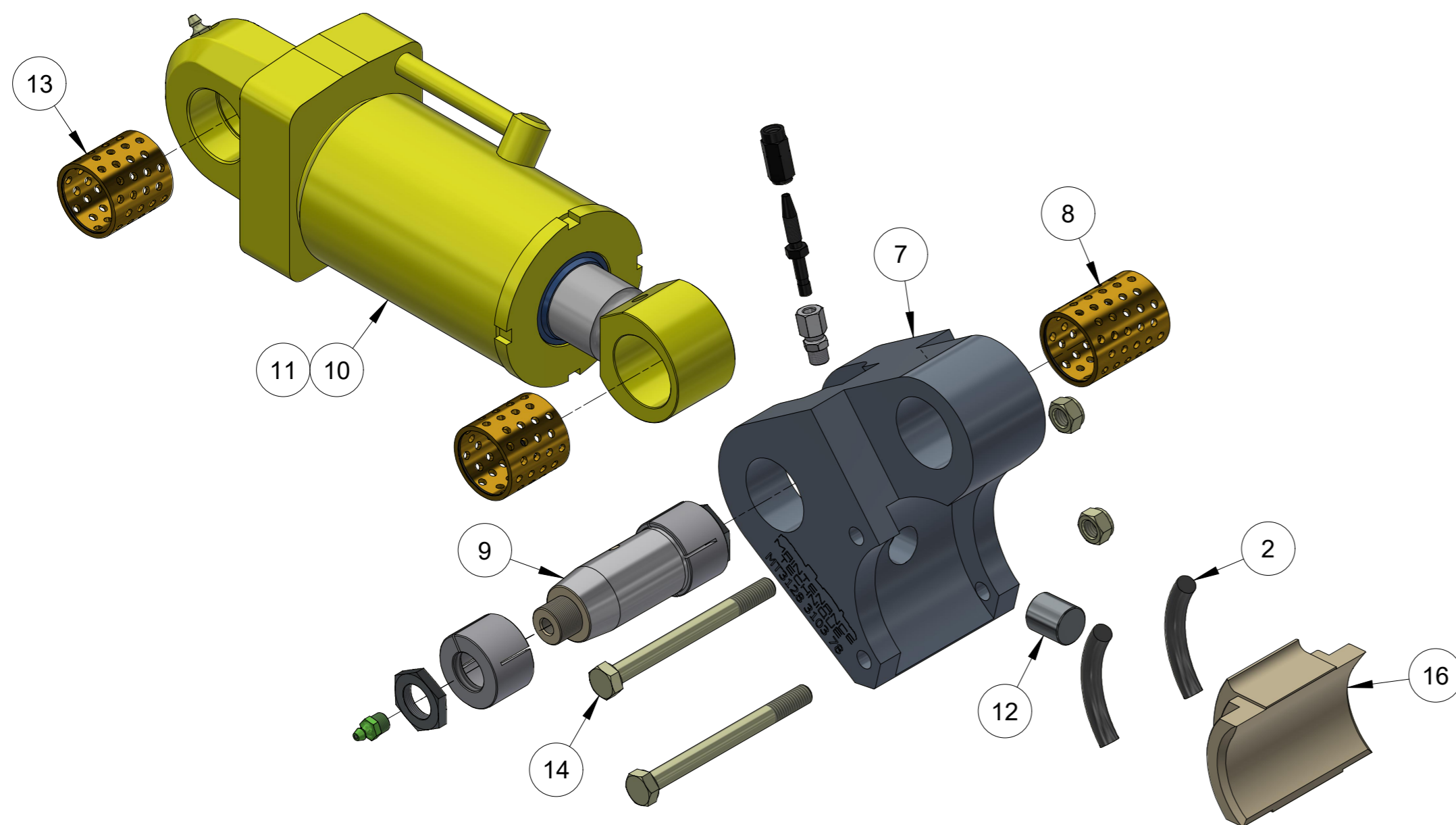
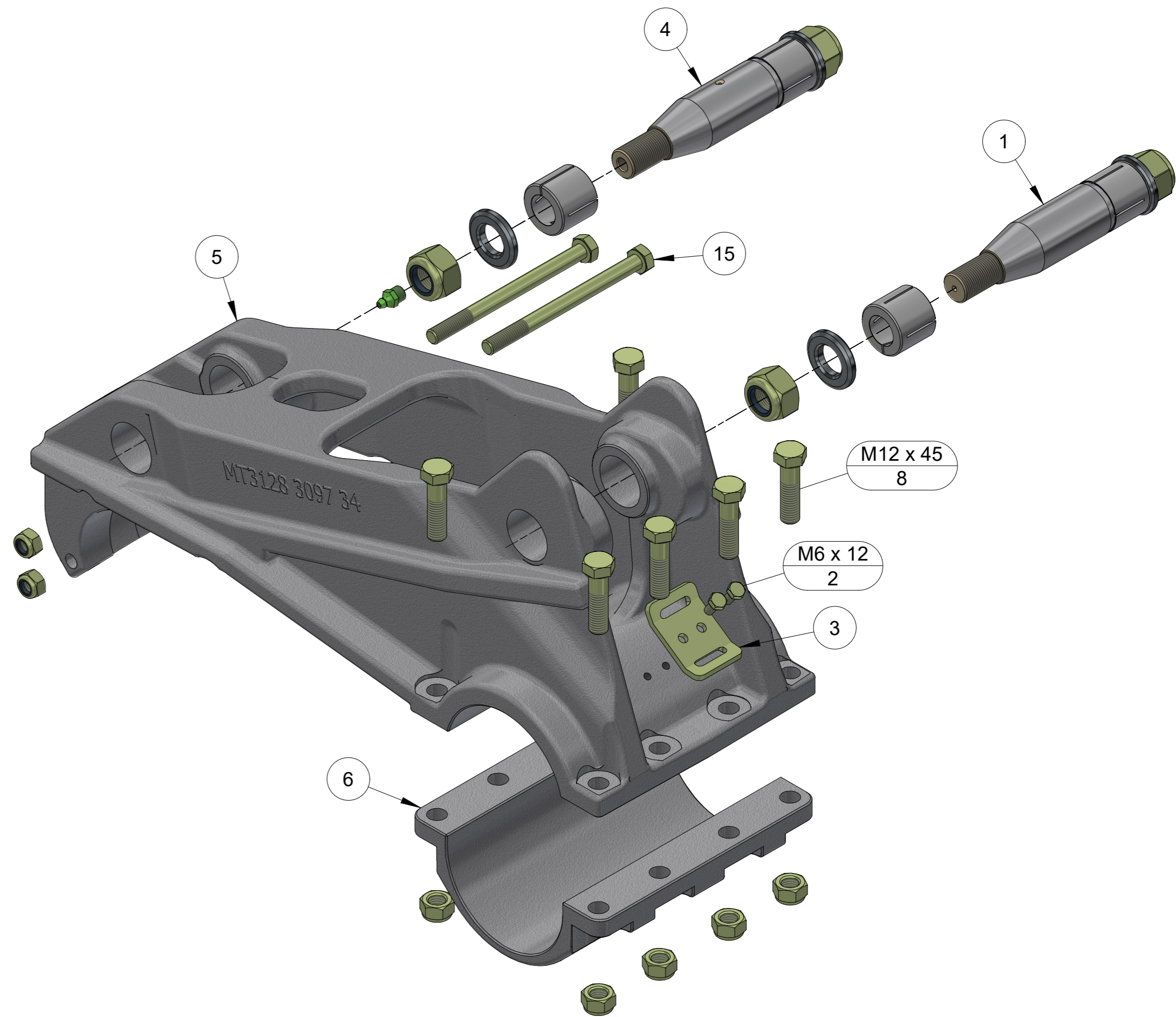
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
23	MT3128 0031 18	COVER	1	
24	MT3128 0031 19	COVER	1	
25	MT3128 0031 15	BEARING HOUSING	1	
26	MT3128 0031 14	BEARING HOUSING	1	
27	MT3128 0031 16	SPACER RING	1	
28	MT0665 9100 86	WIPER	3	
29	MT0665 9100 88	WIPER	1	
30	MT0666 6000 56	LIP SEAL	1	
31	MT0663 6143 00	O-Ring	1	
32	MT0663 9045 00	O-Ring	1	
33	MT3128 0031 17	SHAFT	1	
34	MT3128 3065 451	SPACER	1	
35	MT5112 3061 39	HOSE NIPPLE	1	
36	MT3128 0031 13	ROD HANDLING SHAFT	1	1.8m drill tubes
36.1	MT3128 3102 135	ROD HANDLING SHAFT	1	1.5m drill tubes
37	MT9111 3001 RK6	GRIPPER REBUILD KIT MK7 ON	0	Inc. items 5, 7, 8, 13, 18, 21, & 28 to 31



PART NUMBER <b>MT9111 3001 60-6</b>	DESCRIPTION <b>GRIPPER SHAFT 1.5m (MK7 on)</b>
PART NUMBER <b>MT9111 3001 61-6</b>	DESCRIPTION <b>GRIPPER SHAFT 1.8m (MK7 on)</b>
	<b>MAINTENANCE TECHNIQUE</b> UNDERGROUND DRILL RELIABILITY
	MT Parts: 0407 059 610 1 Haehy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <a href="http://www.mtunderground.com">www.mtunderground.com</a>
PAGE <b>1.5</b>	

ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3128 0031 55	EXPANDING SHAFT	1	No grease point
2	MT3128 2353 00	DAMPING ELEMENT	4	
3	MT3128 2597 50	ATTACHMENT	1	
4	MT3128 3063 83	EXPANDING SHAFT	1	
5	MT3128 3097 34	ARM	1	
6	MT3128 3097 36	CLAMP	1	
7	MT3128 3103 78	JAW	1	
8	MT3128 3104 53	BUSHING	1	
9	MT3128 3105 98	EXPANDING SHAFT	1	
10	MT3128 3106 12	HYDRAULIC CYLINDER	1	
11	MT9120 0993 09	ARM CYLINDER SEAL KIT	1	
12	MT3128 3107 02	PIN GRIPPER DOWEL	2	
13	MT3128 3106 13	BUSHING	2	
14	MT0147 1380 03	SCREW	2	M10 x 110
15	MT0147 1382 03	SCREW	2	M10 x 130

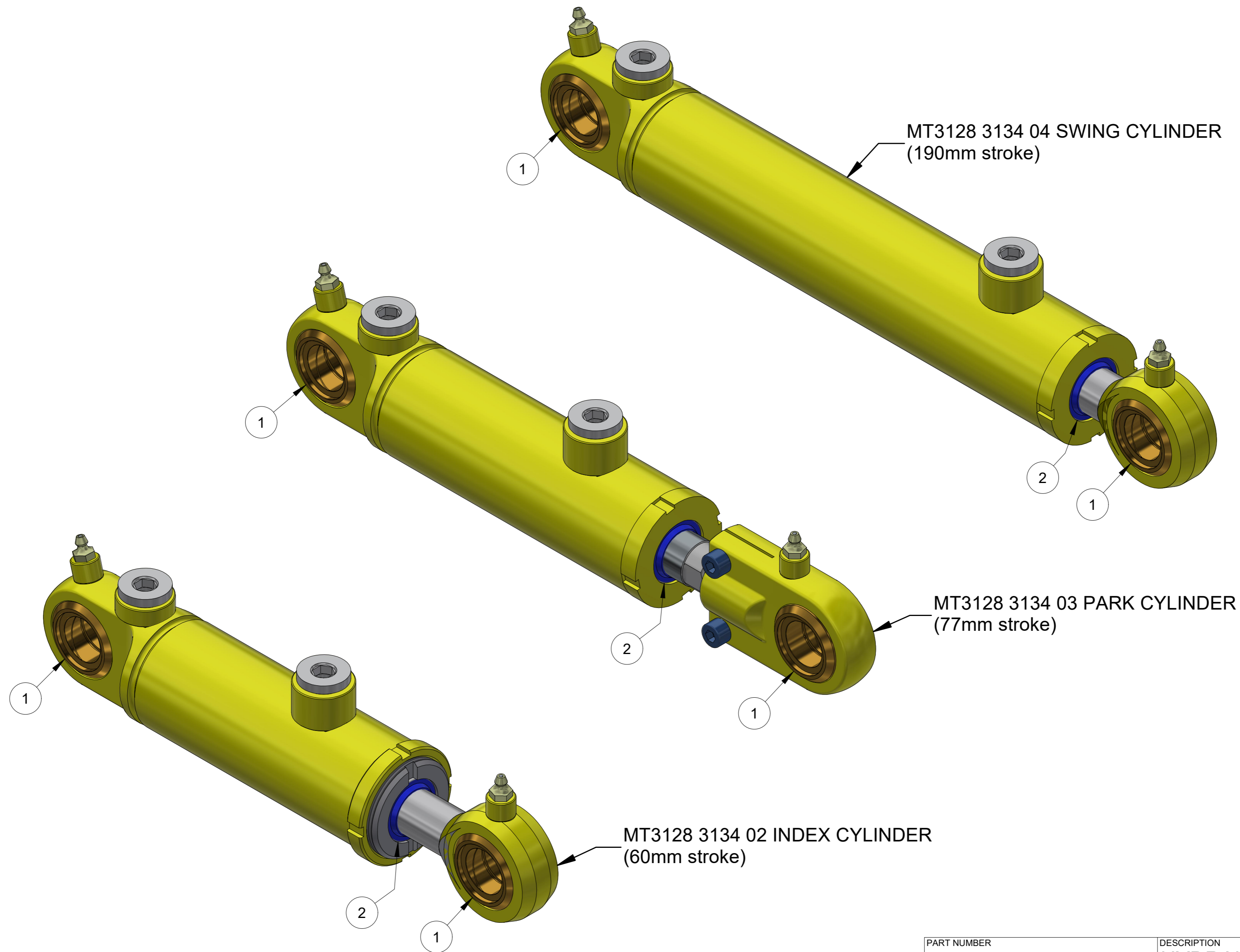
GRIPPER JAWS (sold separate)

ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
16	MT3128 3104 20	JAW 32	2	RHS17
16.1	MT3128 3104 21	JAW 38	2	RHS17
16.2	MT3128 3104 22	JAW 45	2	RHS17
16.3	MT3128 3104 25	JAW 64	2	RHS17
16.4	MT3128 3104 51	JAW 51	2	RHS27
16.5	MT3128 3104 26	JAW 76	2	RHS27
16.6	MT3128 3104 27	JAW 87	2	RHS27



PART NUMBER <b>MT3128 3097 33</b>	DESCRIPTION <b>ARM - RHS17 / RHS27</b>
	<p>MT Parts: 0407 059 610          1 Haehy Circuit, Roseworthy S.A. 5371          171 Dugan Street, Kalgoorlie W.A. 6430  <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a>  <a href="http://www.mtunderground.com">www.mtunderground.com</a></p>
 <p><b>MAINTENANCE TECHNIQUE</b> UNDERGROUND DRILL RELIABILITY</p>	
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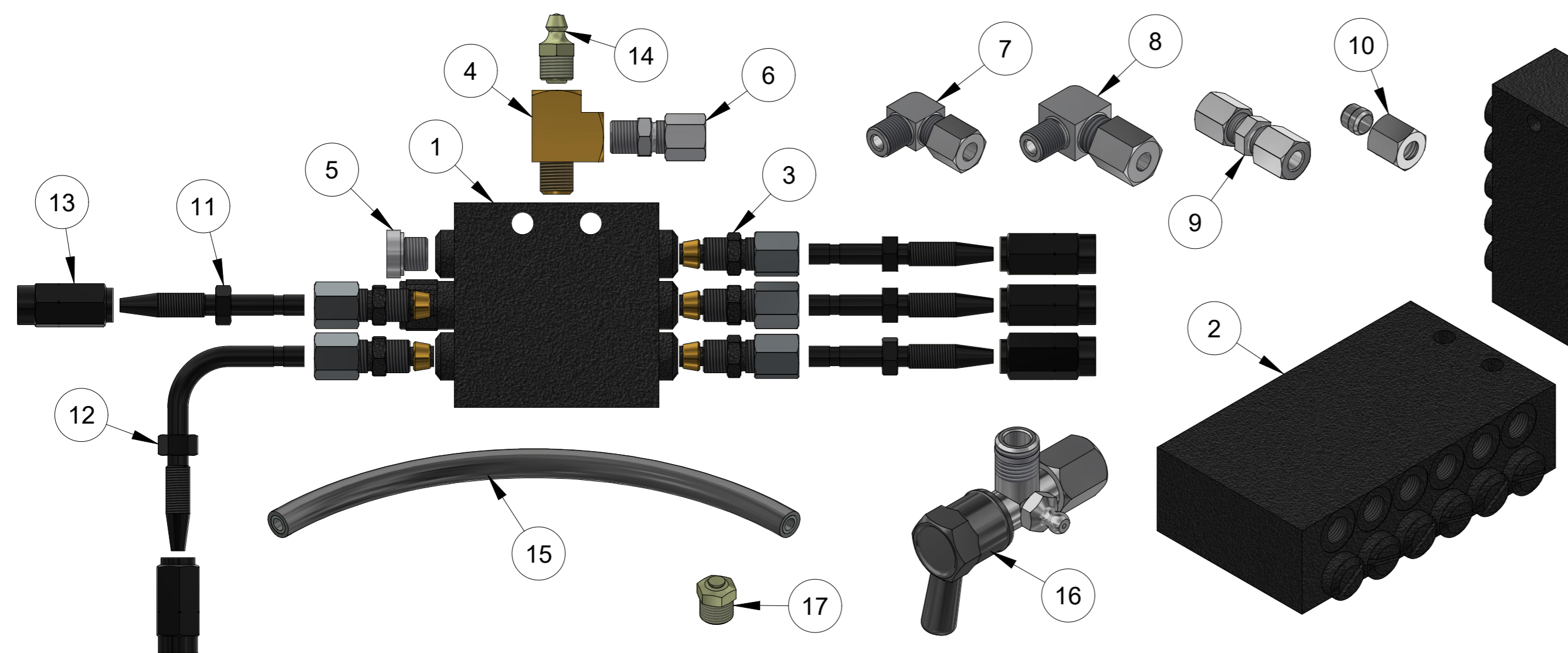
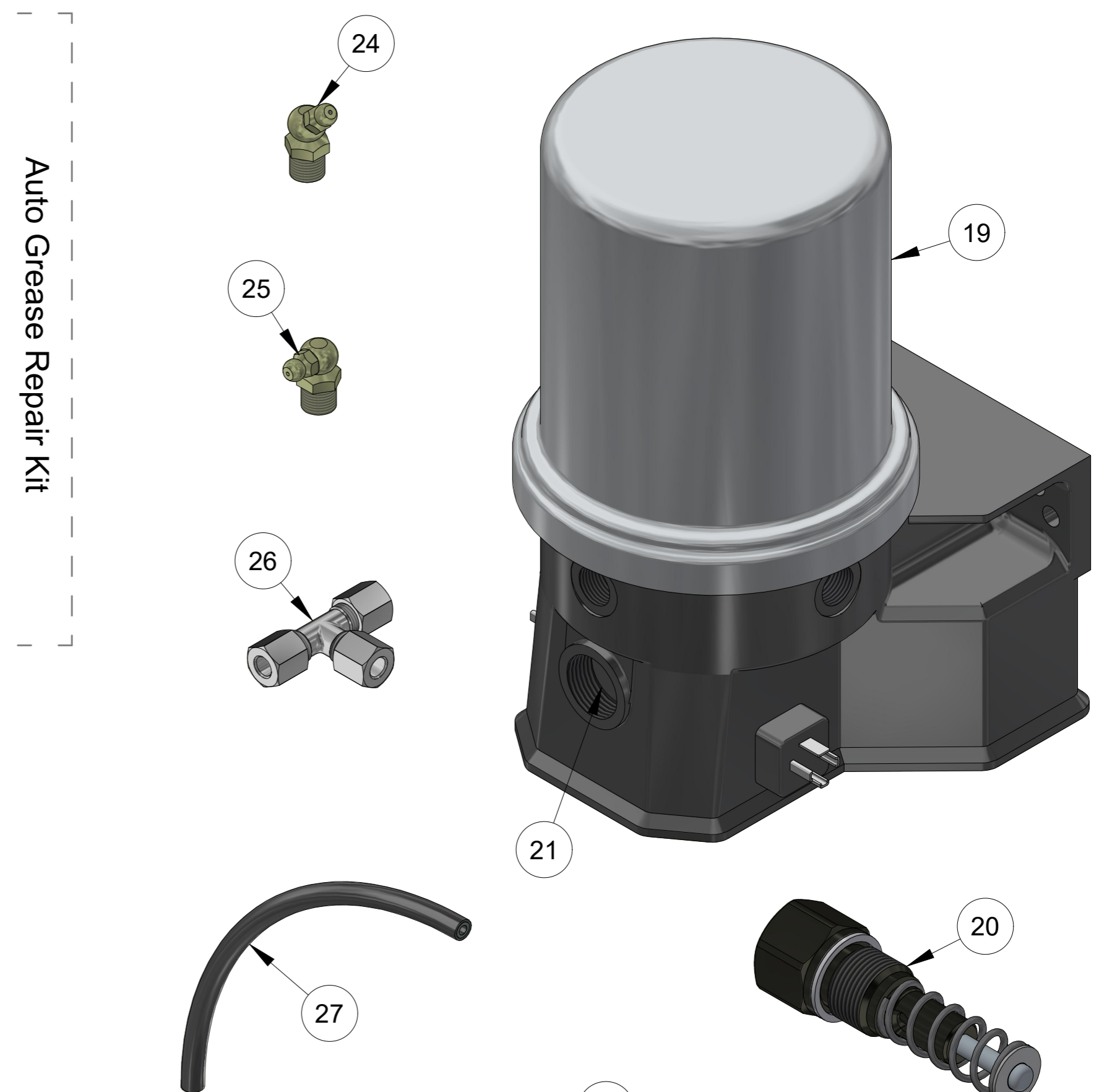
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3128 3134 05	BRONZE CYLINDER BUSH		
2	MT9120 0993 05	SMALL CYLINDER SEAL KIT		



PART NUMBER	DESCRIPTION
	<b>HYDRAULIC CYLINDERS - RHS27</b>
	<b>MAINTENANCE TECHNIQUE</b> UNDERGROUND DRILL RELIABILITY
	MT Parts: 0407 059 610 1 Haesy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <a href="http://www.mtunderground.com">www.mtunderground.com</a>
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	<b>1.7</b>

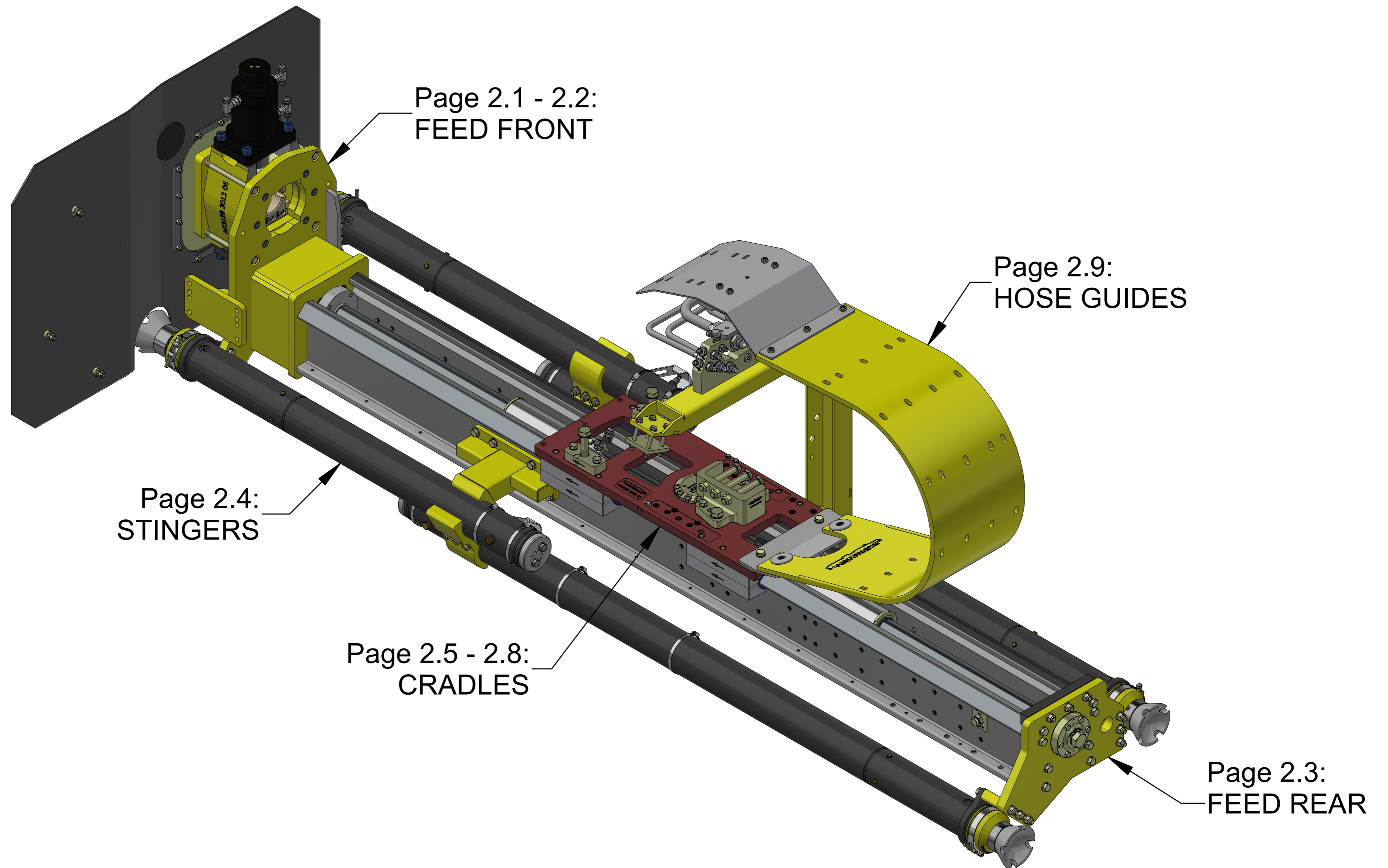
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3128 2538 17	GREASE DISTRIBUTOR BLOCK 6 PORT	1	With indicator
2	MT3128 2538 18	GREASE DISTRIBUTOR BLOCK 12 PORT	1	
3	MT3128 2539 95	CHECK VALVE	6	
4	MT3128 2538 12	ADAPTOR T	2	Grease block
5	MT3128 3005 37	PLUG	6	Grease block
6	MT0580 0002 00	COUPLING STRAIGHT	10	
7	MT0580 2202 00	COUPLING 90°	10	1/8" BSP (12mm hex nut)
8	MT0580 2014 07	COUPLING 90°	6	1/8" BSP (14mm hex nut)
9	MT3128 2538 08J	HOSE JOINER	10	
10	MT3128 2539 9A	NUT & OLIVE	6	
11	MT3128 2538 09	HOSE ADAPTOR STRAIGHT	10	
12	MT3128 2538 90	HOSE ADAPTER 90°	10	
13	MT3128 2538 08	THREADED SLEEVE	20	
14	MT0544 2162 00	GREASE NIPPLE	10	1/8" BSP
15	MT3128 2538 10	HIGH POWER PIPE	10	Order by metre
16	MT3128 2538 02	SAFETY VALVE	1	Pump outlet
17	MT3128 3151 485	RELIEF VALVE	2	Grease, 5 Bar
18	MT9106 1900 012	STORAGE BOX	1	Not shown
19	MT3128 2538 36	GREASE PUMP		Not in repair kit, supplied with 1 pump element
20	MT3128 2538 01	PUMP ELEMENT		Not in repair kit
21	MT3128 3049 45	CIRCUIT BOARD		Not in repair kit
22	MT3128 2538 03	GREASE DISTRIBUTOR BLOCK 8 PORT		Not in repair kit, not shown
23	MT3128 2538 19	GREASE DISTRIBUTOR BLOCK 12 PORT		Not in repair kit, with indicator, not shown
24	MT0544 2362 00	GREASE NIPPLE 45°		Not in repair kit, 1/8" BSP
25	MT0544 2562 00	GREASE NIPPLE 90°		Not in repair kit, 1/8" BSP
26	MT0580 4602 00	TEE JOINER		Not in repair kit
27	MT5112 2164 00	PVC HIGH POWER PIPE		Not in repair kit, order by metre
28	MT3128 2538 73	HOSE STUD - 7/16"		Not in repair kit
29	MT3128 2538 77	HOSE STUD 90° SHORT - 7/16"		Not in repair kit
30	MT3128 2538 79	THREADED SLEEVE - 7/16"		Not in repair kit
31	MT3128 2538 87	GREASE DISTRIBUTOR BLOCK 10 PORT		Not in repair kit

Auto Grease Repair Kit



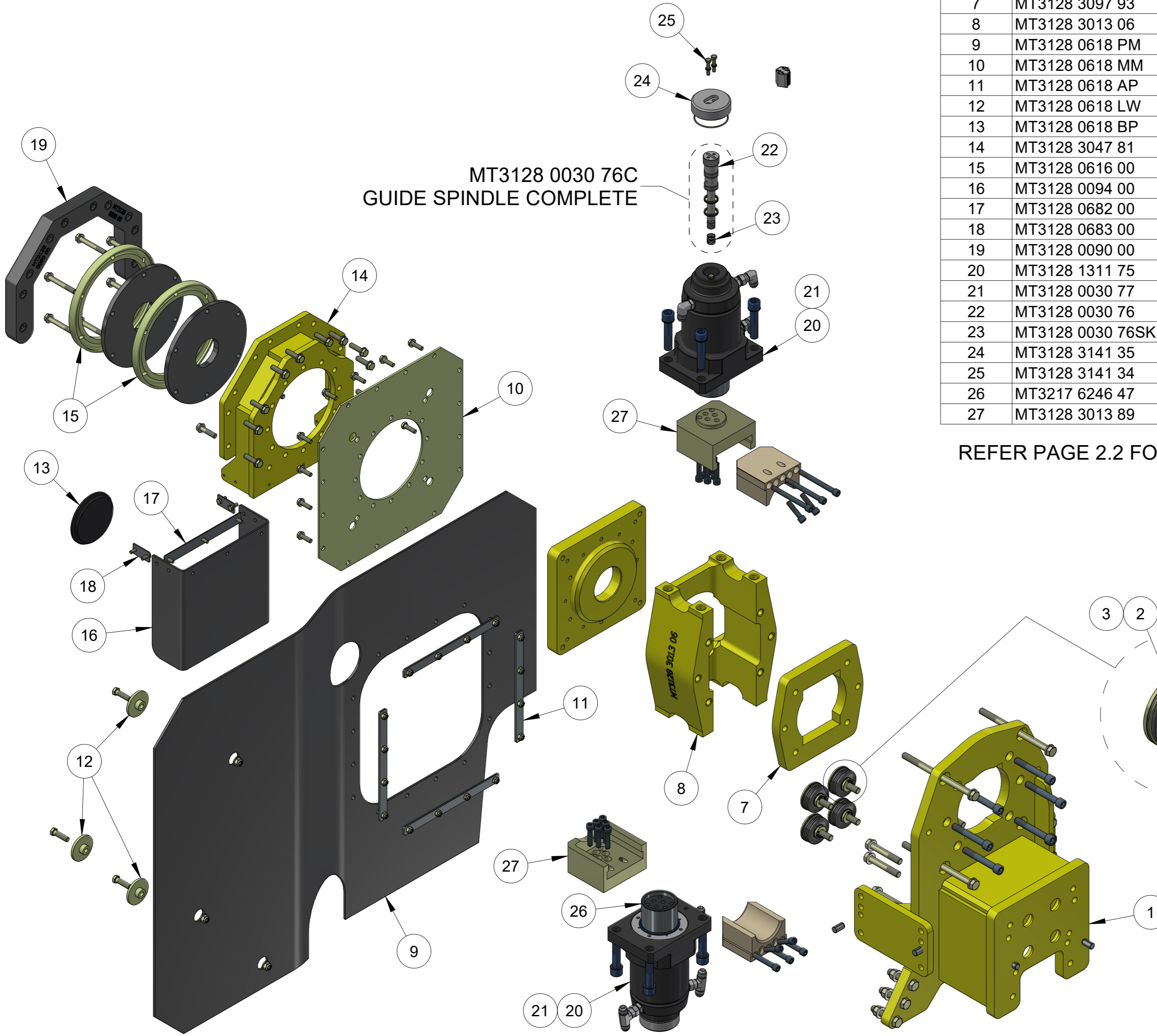
PART NUMBER <b>MT3128 2538 189</b>	DESCRIPTION <b>AUTO GREASE REPAIR KIT</b>
	<p>MT Parts: 0407 059 610          1 Hahey Circuit, Roseworthy S.A. 5371          171 Dugan Street, Kalgoorlie W.A. 6430</p> <p><a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a>  <a href="http://www.mtunderground.com">www.mtunderground.com</a></p>
 <p><b>MAINTENANCE TECHNIQUE</b> UNDERGROUND DRILL RELIABILITY</p>	
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SECTION 2: FEED



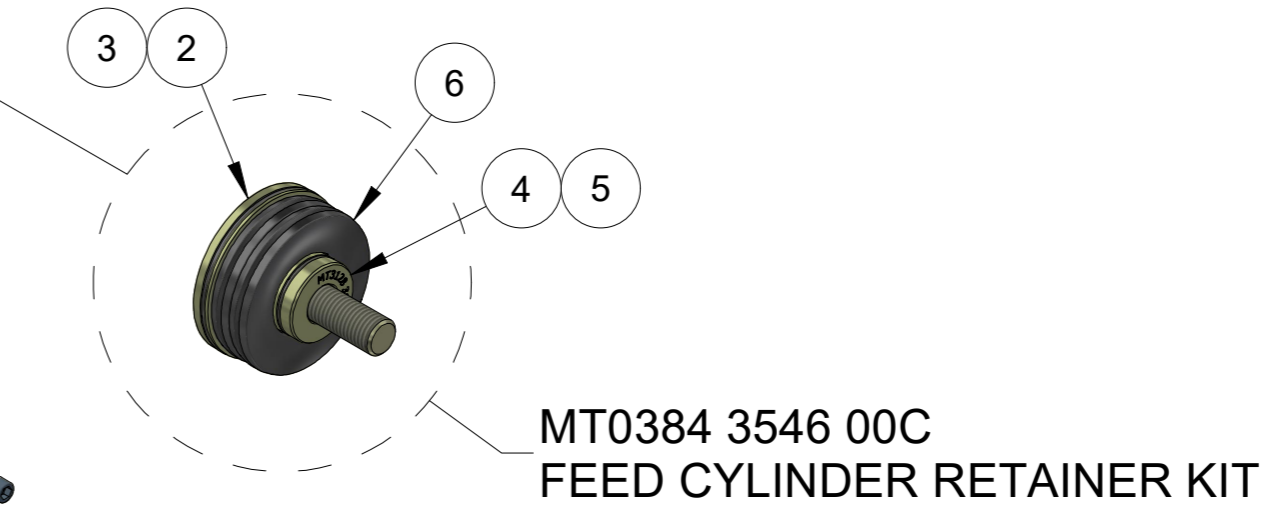
PART NUMBER	DESCRIPTION
MT3128 E701 C	FEED ASSEMBLY
	<b>MAINTENANCE TECHNIQUE</b> UNDERGROUND DRILL RELIABILITY
	MT Parts: 0407 059 610 1 Haehy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <a href="http://www.mtunderground.com">www.mtunderground.com</a>

MT3128 0030 76C  
GUIDE SPINDLE COMPLETE



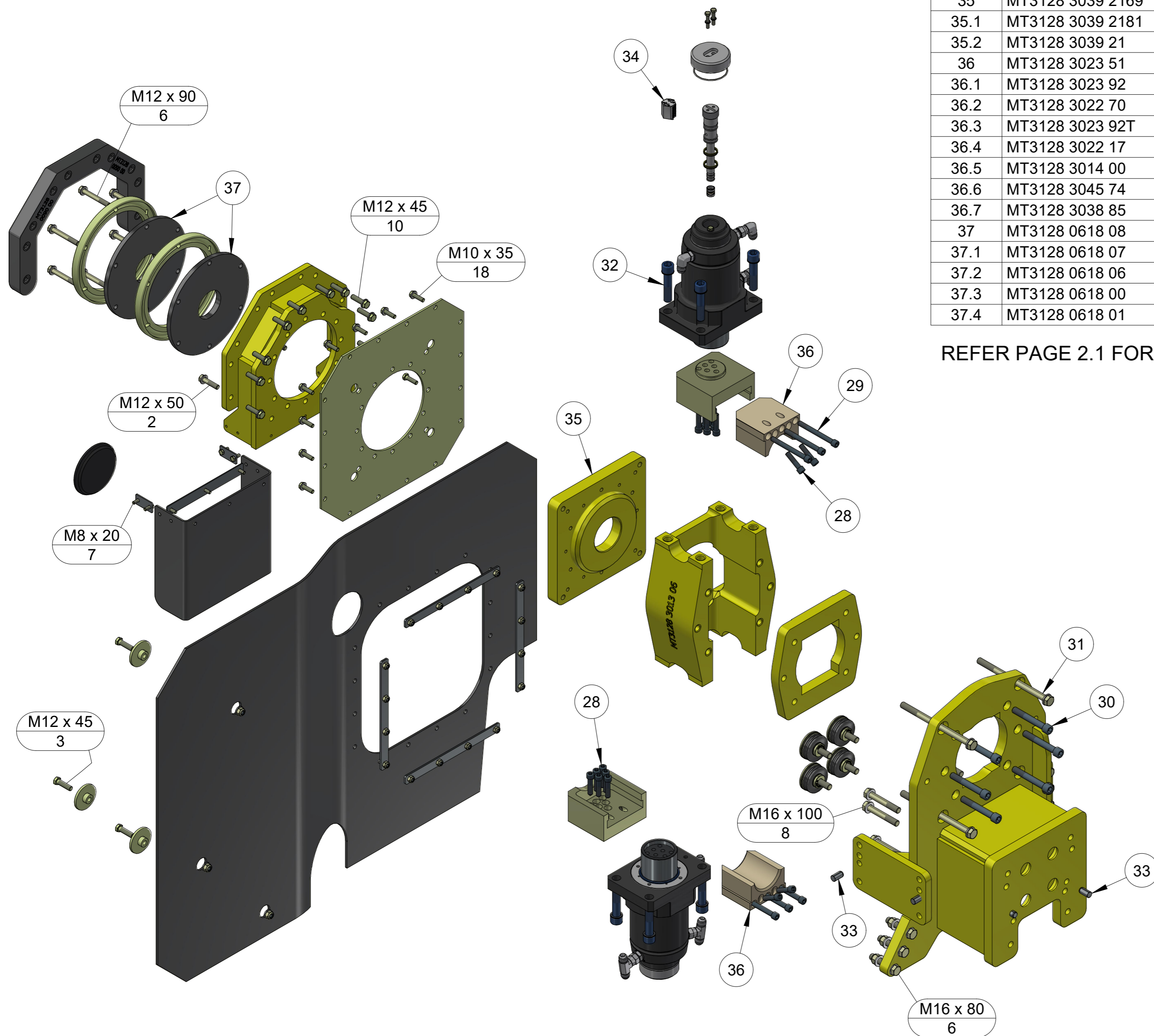
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3128 3105 16	FRONT PLATE	1	
2	MT3128 3097 90	WASHER	4	
3	MT0663 2102 09	O-RING	4	
4	MT3128 3097 91	SLEEVE	4	
5	MT0663 6131 00	O-RING	4	
6	MT0384 3546 00	DISC SPRING	16	
7	MT3128 3097 93	INTERM PLATE	1	
8	MT3128 3013 06	DRILL STEEL SUPPORT	1	
9	MT3128 0618 PM	PROTECTION MAT	1	
10	MT3128 0618 MM	MAT MOUNT	1	
11	MT3128 0618 AP	ATTACHMENT PLATE	4	
12	MT3128 0618 LW	MAT WASHER	3	
13	MT3128 0618 BP	PLUG	1	
14	MT3128 3047 81	CUTTING GUIDE	1	
15	MT3128 0616 00	CUTTING RING	2	
16	MT3128 0094 00	RUBBER CLOTH	1	
17	MT3128 0682 00	SHIM	1	
18	MT3128 0683 00	SHIM	2	
19	MT3128 0090 00	COLLARING PART	1	
20	MT3128 1311 75	HYDRAULIC CYLINDER	2	
21	MT3128 0030 77	CYLINDER SEAL KIT	1	Includes spindle seals
22	MT3128 0030 76	GUIDE SPINDLE	2	
23	MT3128 0030 76SK	GUIDE SPINDLE SEAL KIT	1	
24	MT3128 3141 35	COVER	2	
25	MT3128 3141 34	SCREW	4	M8x40
26	MT3217 6246 47	PISTON ROD	2	
27	MT3128 3013 89	SIMBA JAW HOLDER	2	

REFER PAGE 2.2 FOR ITEMS NOT LISTED ABOVE



MT0384 3546 00C  
FEED CYLINDER RETAINER KIT

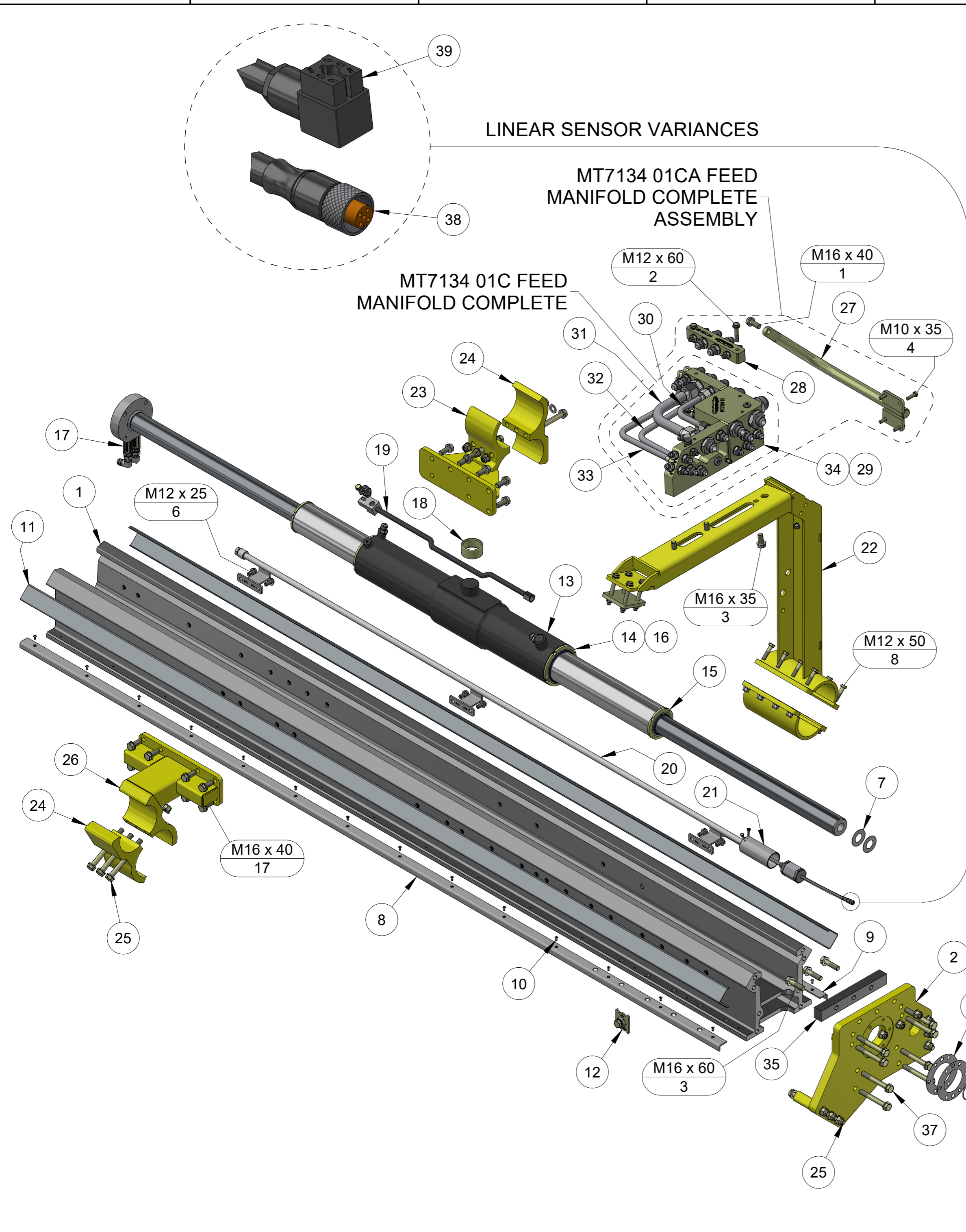
PART NUMBER	DESCRIPTION
MT3128 0020 26-2	FEED FRONT
	
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ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
28	MT0211 1963 02	SCREW M12x50 SHCS	16	
29	MT0211 1963 44	SCREW M12x120 SHCS	6	
30	MT0211 1963 42	SCREW M16x110 SHCS	6	
31	MT0147 1501 03	SCREW M16x240 HexHd	4	
32	MT0211 1963 35	SCREW M20x90 SHCS	8	
33	MT3128 3022 32	PIN	4	
34	MT3128 0672 02	BSH ADJUSTING TOOL	1	
35	MT3128 3039 2169	INTERM. PLATE - GUIDE 64mm	1	T45
35.1	MT3128 3039 2181	INTERM. PLATE - GUIDE 76mm	1	T58
35.2	MT3128 3039 21	INTERM. PLATE - GUIDE 87mm	1	T68
36	MT3128 3023 51	CHECK 32mm SPEED ROD	2	R32
36.1	MT3128 3023 92	CHECK 38mm SPEED ROD	2	T38
36.2	MT3128 3022 70	CHECK 45mm SPEED ROD	2	T45
36.3	MT3128 3023 92T	CHECK T38 TUBE JAW	2	T38
36.4	MT3128 3022 17	CHECK 64mm TUBE JAW	2	ST45
36.5	MT3128 3014 00	CHECK T51 TUBE JAW	2	T51
36.6	MT3128 3045 74	CHECK 76mm TUBE JAW	2	T58
36.7	MT3128 3038 85	CHECK 87mm TUBE JAW	2	T68
37	MT3128 0618 08	TUBE CUTTING GASKET 32-36mm	2	T32
37.1	MT3128 0618 07	TUBE CUTTING GASKET 38mm	2	T38
37.2	MT3128 0618 06	TUBE CUTTING GASKET 45mm	2	T45
37.3	MT3128 0618 00	TUBE CUTTING GASKET 64-76mm	2	ST58
37.4	MT3128 0618 01	TUBE CUTTING GASKET 87mm	2	ST68

REFER PAGE 2.1 FOR ITEMS NOT LISTED ABOVE

PART NUMBER	DESCRIPTION
MT3128 0020 26-3	FEED FRONT
	
MT Parts: 0407 059 610 1 Haehy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <small>PAGE</small> <a href="http://www.mtunderground.com">www.mtunderground.com</a> <b>2.2</b>	
<small>UNDERGROUND DRILL RELIABILITY</small>	



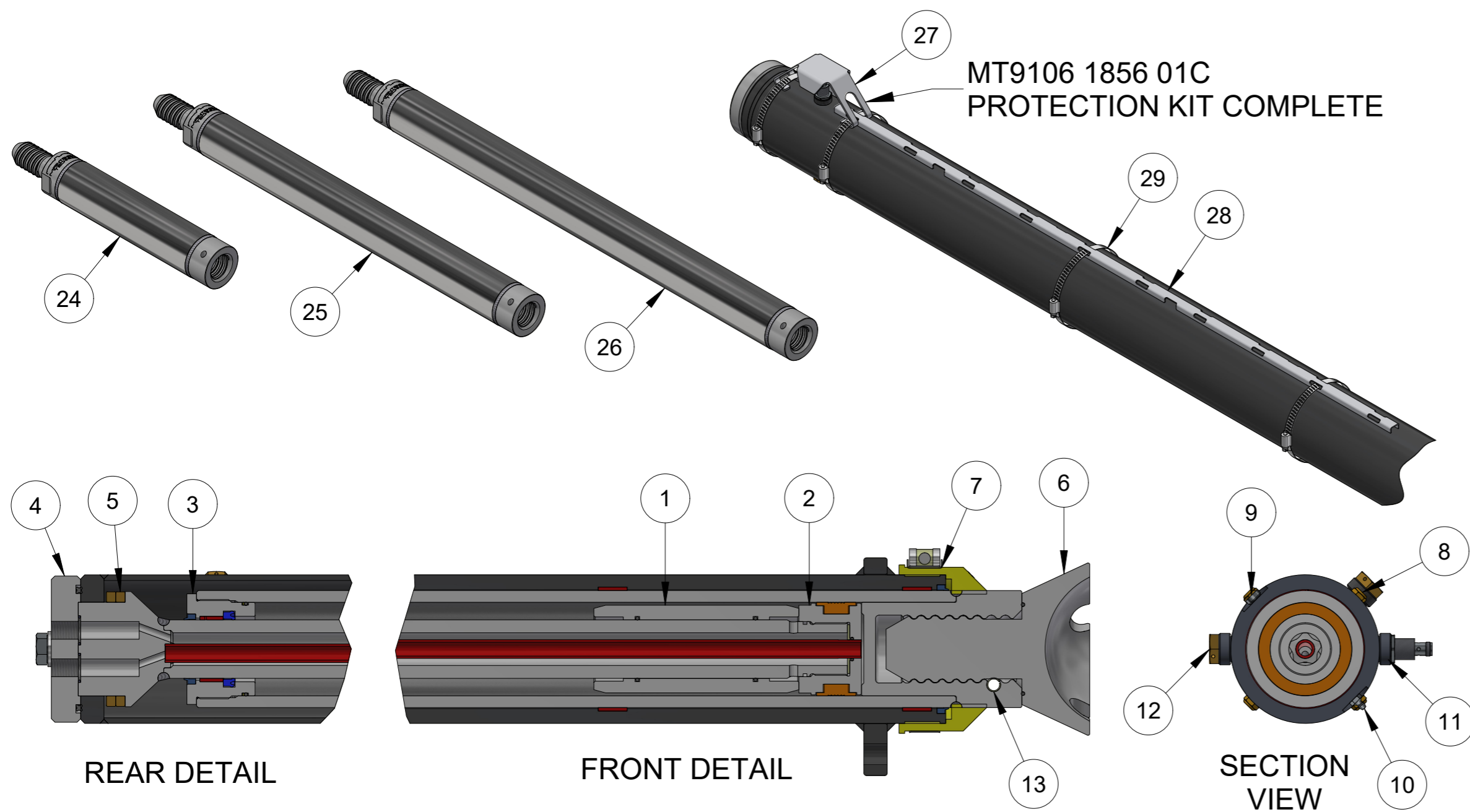
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3128 0030 62	FEED BEAM	1	Includes items 8 - 12
2	MT3128 3097 88	END PLATE COMPLETE	1	Includes items 3 - 7
3	MT3128 3097 88P	END PLATE	1	
4	MT3128 3097 88B	END PLATE ATTACHMENT	1	
5	MT3128 3097 88BS	END PLATE ATTACHMENT SHIM	2	
6	MT0663 2103 67	O-RING	1	
7	MT9236 2002 69	SHIM	2	
8	MT3128 0034 05	SLIDE BAR LEFT	1	
9	MT3128 0034 06	SLIDE BAR RIGHT	1	
10	MT0129 3270 44	BLIND RIVET S/S	28	
11	MT3128 0034 01	CLIP-ON 200 SERIES	2	
12	MT3128 0034 013	CLIP-ON LOCKING ASSEMBLY	2	
13	MT9121 7221 01SX	FEED CYLINDER 1.8m	1	Service ex.
13.1	MT3128 3019 97SX	FEED CYLINDER 1.5m	0	Service ex.
14	MT9122 4332 50	COVER	2	
15	MT9126 2770 50	COVER	2	
16	MT9121 6526 50	FEED CYLINDER SEAL KIT	1	Complete
17	MT3128 0785 74	EXTENSION	2	
18	MT9127 2523 00	PLAIN BEARING	1	
19	MT9126 2714 00	PIPE	1	
20	MT3128 3097 99	SENSOR BRACKET	1	
21	MT3128 0030 19	PROTECT COVER	1	
22	MT9111 0004 06	HOSE BRACKET	1	
23	MT3128 3161 62	ATTACHMENT	1	
24	MT3128 3098 12	CLAMP	2	
25	MT0147 1496 03	SCREW M16x160 HexHd	12	
26	MT3128 3098 13	ATTACHMENT	1	
27	MT7134 01B	BRACKET	1	
28	MT7134 02	BULKHEAD	1	
29	MT7134 01FK	FITTINGS KIT	1	
30	MT7134 PT	HYDRAULIC PIPE	1	
31	MT7134 RL	HYDRAULIC PIPE	1	
32	MT7134 FF	HYDRAULIC PIPE	1	
33	MT7134 FR	HYDRAULIC PIPE	1	
34	MT7134 01	FEED MANIFOLD	1	
35	MT3128 0037 00	DAMPING	1	
36	MT0147 1959 28	SCREW M30x150 HexHd	1	
37	MT0147 1492 03	SCREW M16x120 HexHd	8	
38	MT9106 2192 17	LINEAR SENSOR RCS4	1	
39	MT3128 3097 27	LINEAR SENSOR RCS3	1	2.4m cable

PART NUMBER: **MT3128 0020 26-3** DESCRIPTION: **FEED REAR**

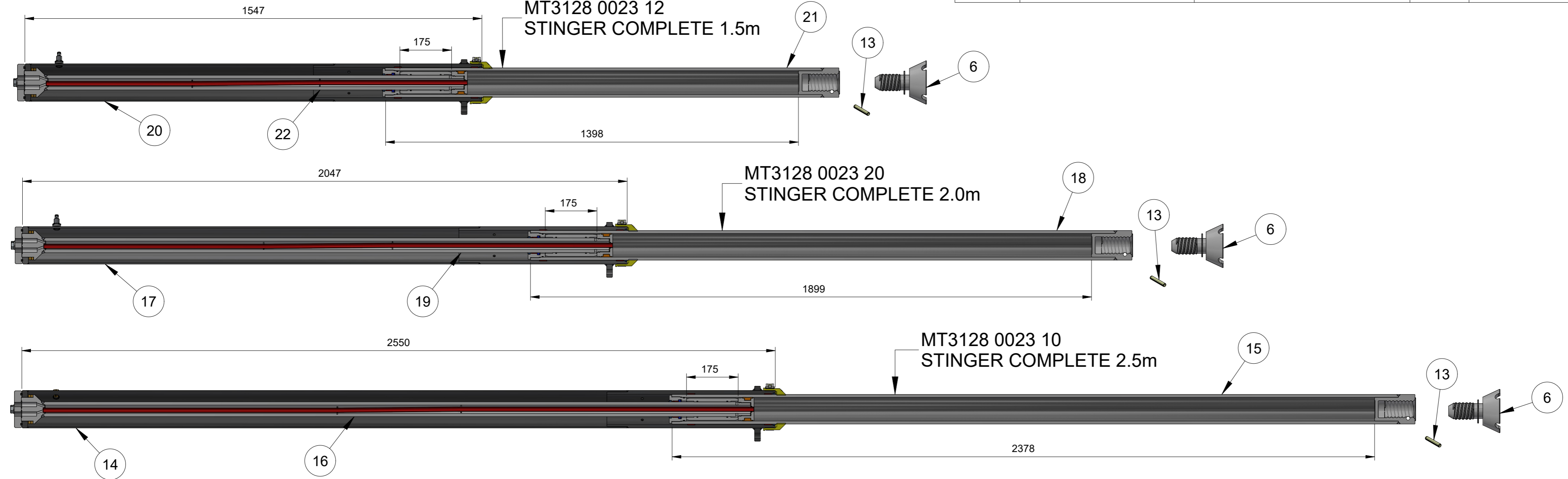



MT Parts: 0407 059 610  
 1 Haehy Circuit, Roseworthy S.A. 5371  
 171 Dugan Street, Kalgoorlie W.A. 6430  
[parts@mtunderground.com](mailto:parts@mtunderground.com)  
[www.mtunderground.com](http://www.mtunderground.com)

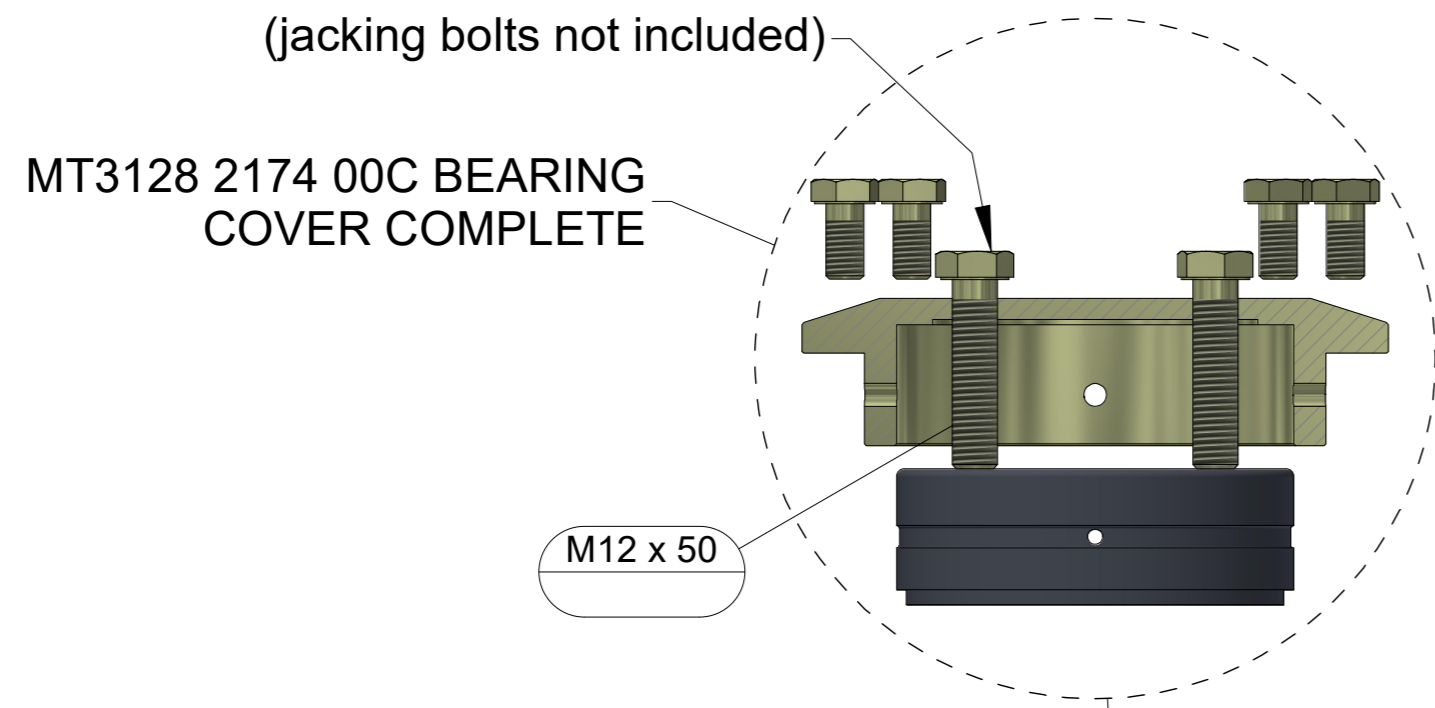
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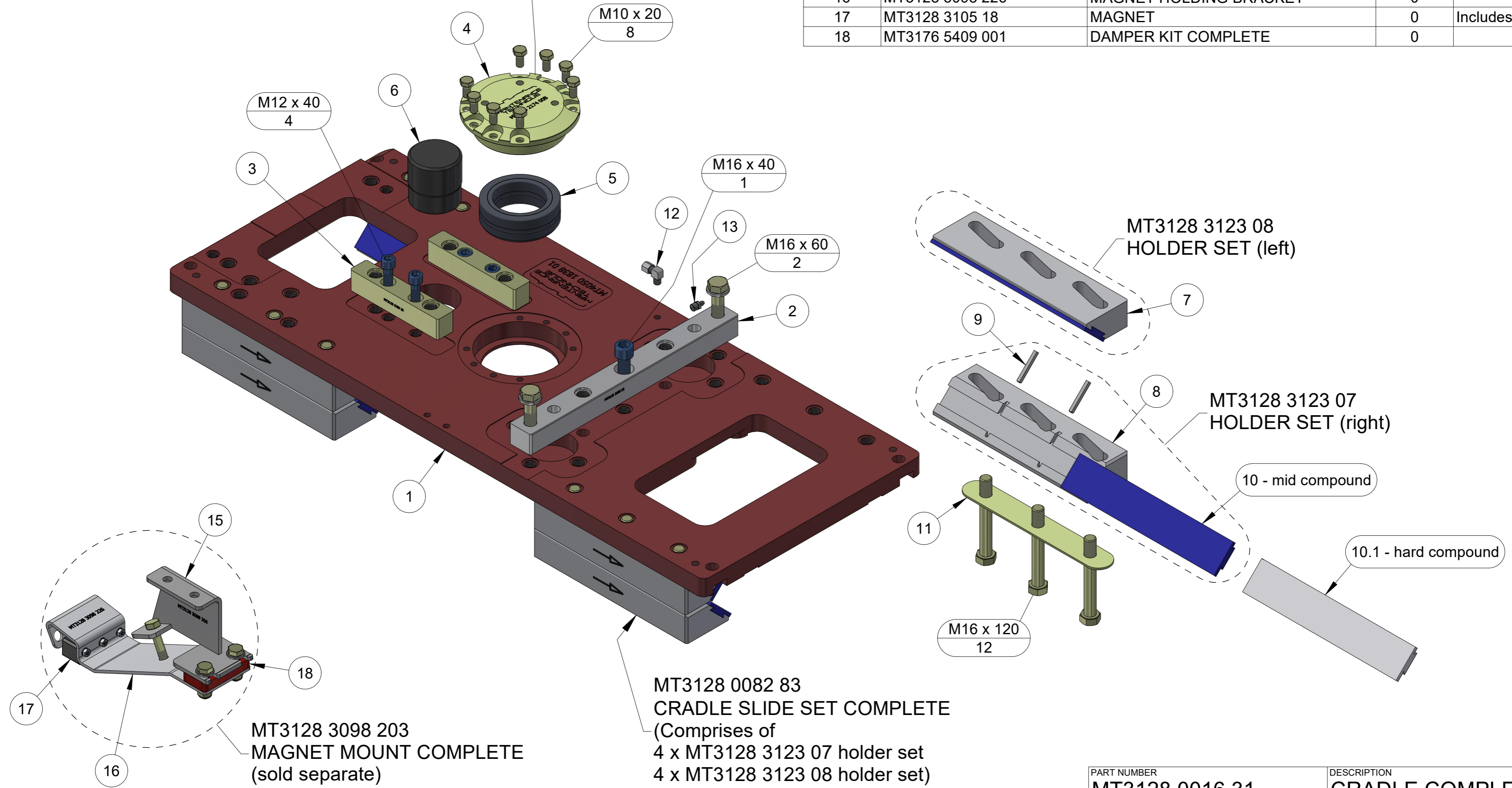
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT9128 4285 175	SPACER	1	
2	MT3128 2592 16	PISTON	1	
3	MT9126 3960 00	COVER	1	
4	MT9236 2017 61	BLOCK	1	
5	MT9236 2017 62	WASHER	2	
6	MT9236 2027 42	STINGER FOOT	1	MT only, incl. O-Ring
7	MT3128 2191 72S	SEAL + CLAMP	1	
8	MT9236 2017 63	FILTER PLUG	4	
9	MT3128 3005 37	PLUG	1	
10	MT0544 2162 00	GREASE NIPPLE	1	
11	MT9106 1856 01	INDUCTIVE SENSOR	1	
12	MT9106 1856 01P	BREATHER PLUG	2	MT only
13	MT9236 2027 421	PIN	1	
14	MT3128 2191 703	OUTER TUBE 2500	1	
15	MT3128 2191 743	MANTLE 2500	1	
16	MT3128 2191 723	PISTON ROD 2500	1	MT only
17	MT3128 0023 200	OUTER TUBE 2000	1	
18	MT3128 2191 742	MANTLE 2000	1	
19	MT3128 2191 722	PISTON ROD 2000	1	
20	MT3128 0023 125	OUTER TUBE 1500	1	
21	MT3128 2191 741	MANTLE 1500	1	MT only
22	MT3128 2191 72	PISTON ROD 1500	1	Includes item 1
23	MT3128 2191 71	STINGER SEAL KIT	1	Item 7 not included
24	MT9111 2826 101	STINGER EXT.	1	ST58 - 500mm
25	MT9111 2826 121	STINGER EXT.	1	ST58 - 1000mm
26	MT9111 2826 131	STINGER EXT.	1	ST58 - 1250mm
27	MT9106 1856 011	SENSOR PROTECTION	1	
28	MT9106 1856 012	CABLE PROTECTION	1	
29	MT9106 1856 013	PROTECTION CLAMP	4	



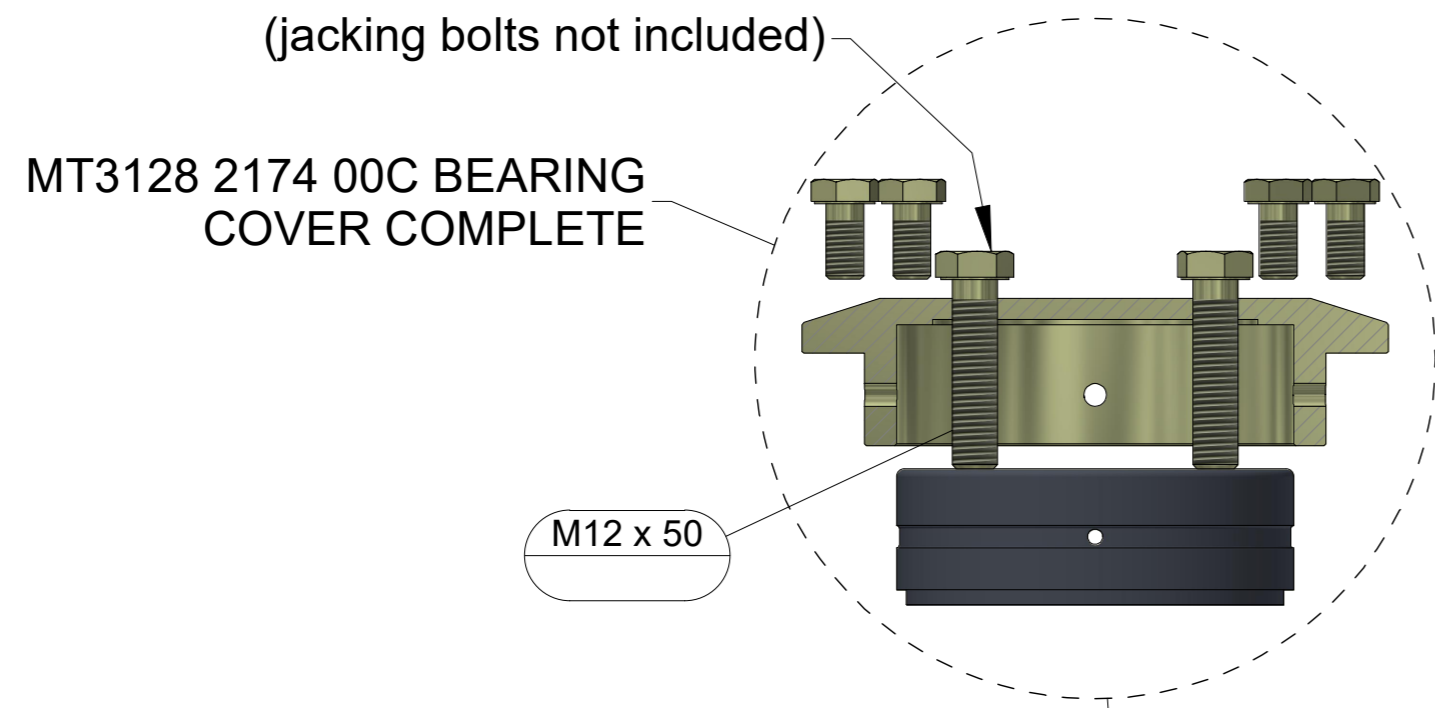
PART NUMBER <b>MT3128 0023 109</b>	DESCRIPTION <b>STINGERS - RHS27</b>
MT Parts: 0407 059 610 1 Haehy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <a href="http://www.mtunderground.com">www.mtunderground.com</a>	
UNDERGROUND DRILL RELIABILITY	
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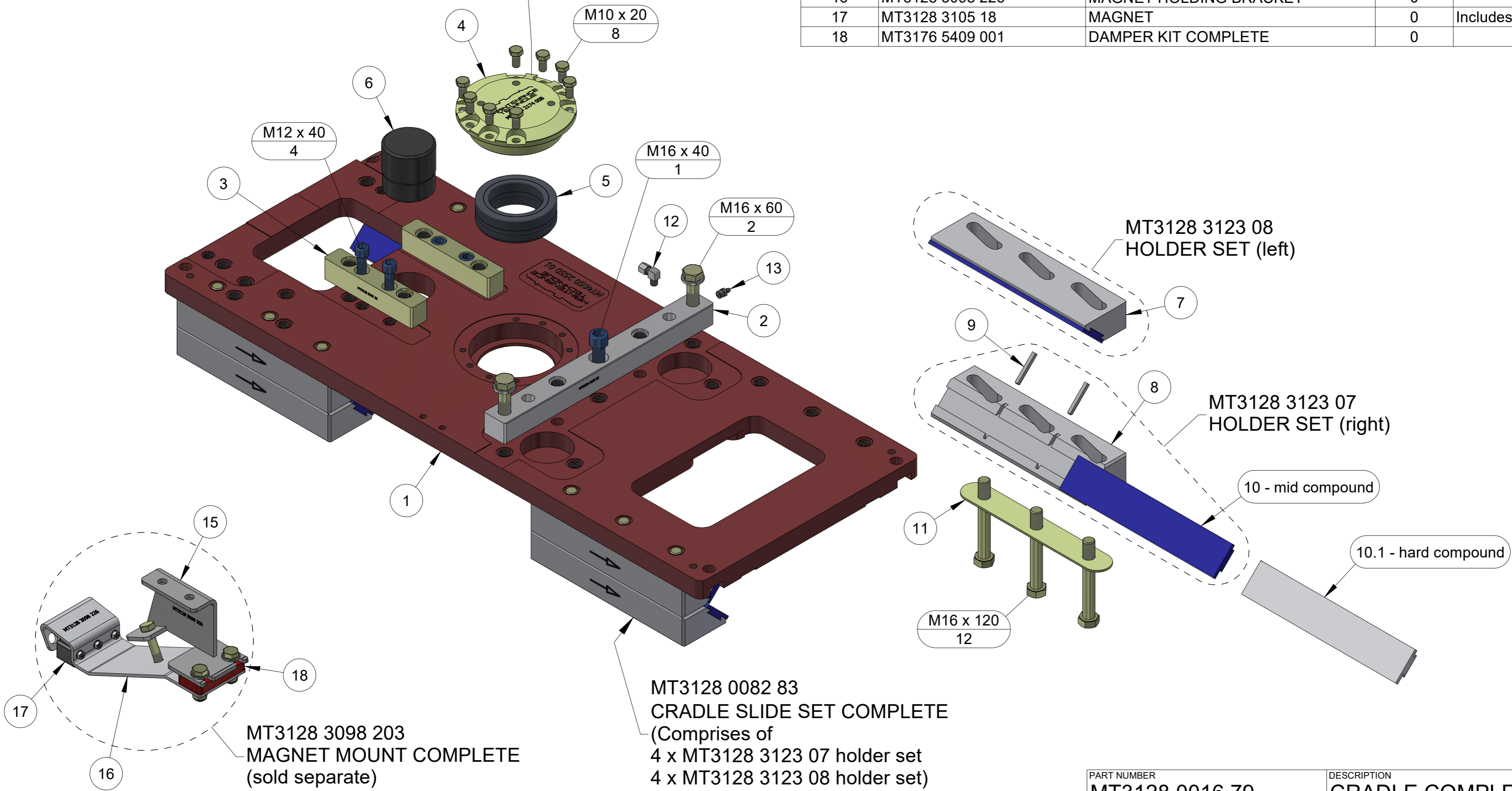
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT4050 1838 01	UNIVERSAL CRADLE	1	
2	MT3128 3105 22	SPACER	1	
3	MT3128 3105 20	SPACER	2	
4	MT3128 2174 00B	BEARING COVER	1	MT only
5	MT3128 0314 00	BEARING	1	
6	MT3128 3098 07	DRIVER	1	
7	MT3128 0083 00	SLIDE HOLDER LH	4	
8	MT3128 0082 00	SLIDE HOLDER RH	4	
9	MT3128 0646 00	SLIDE KEY	16	
10	MT3128 3043 55	NYLON SLIDE - BLUE	8	Upholes - mid
10.1	MT3128 3043 55H	NYLON SLIDE - WHITE	0	Downholes - hard
11	MT0333 0500 03	WASHER PLATE	4	
12	MT0580 2202 00	COUPLING 90°	1	
13	MT0544 2162 00	GREASE NIPPLE	1	
14	MT3128 0016 31BK	BOLT KIT	0	
15	MT3128 3098 206	MAGNET MOUNT	0	
16	MT3128 3098 226	MAGNET HOLDING BRACKET	0	
17	MT3128 3105 18	MAGNET	0	Includes bolts & nuts
18	MT3176 5409 001	DAMPER KIT COMPLETE	0	



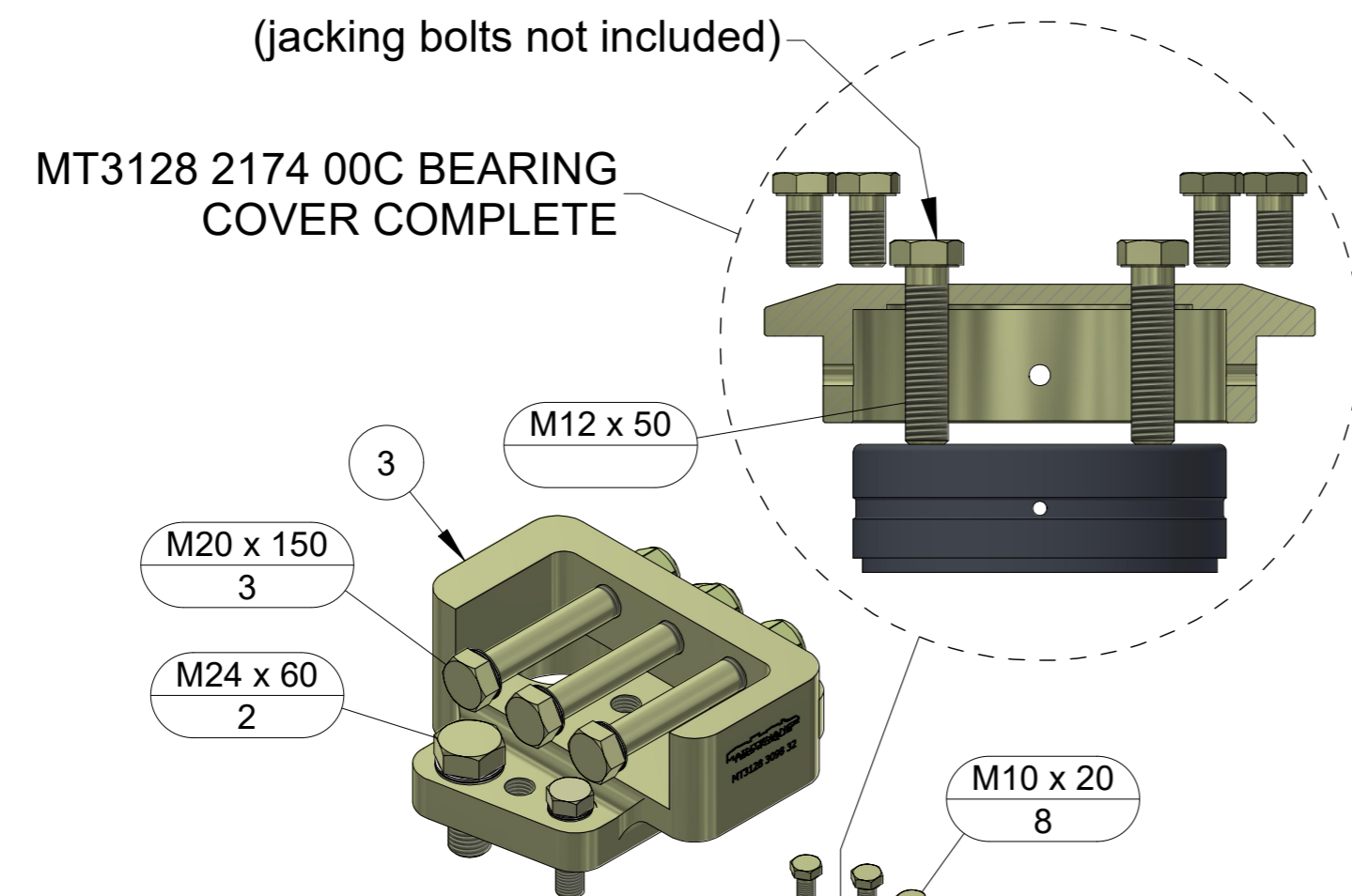
PART NUMBER <b>MT3128 0016 31</b>	DESCRIPTION <b>CRADLE COMPLETE - 1838</b>
MT Parts: 0407 059 610 1 Haehy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <a href="http://www.mtunderground.com">www.mtunderground.com</a>	
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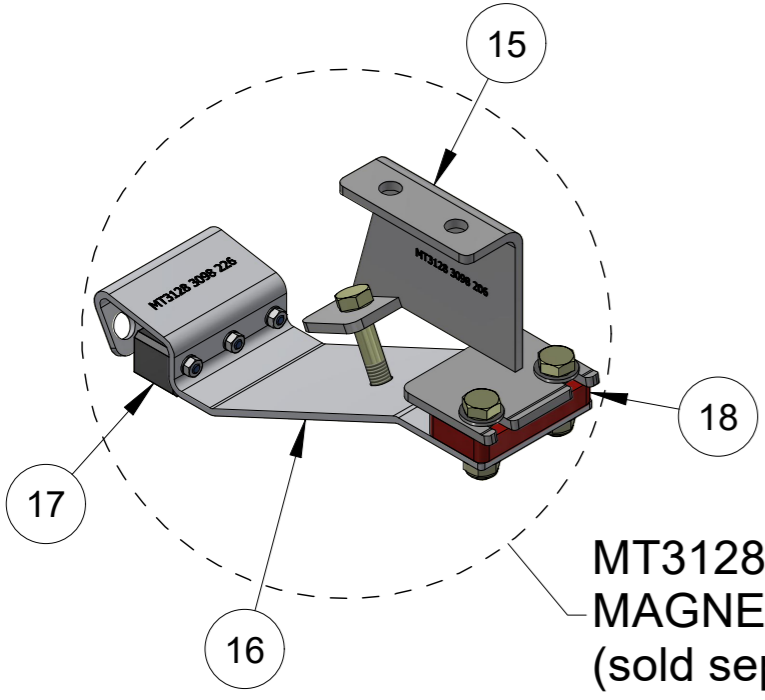
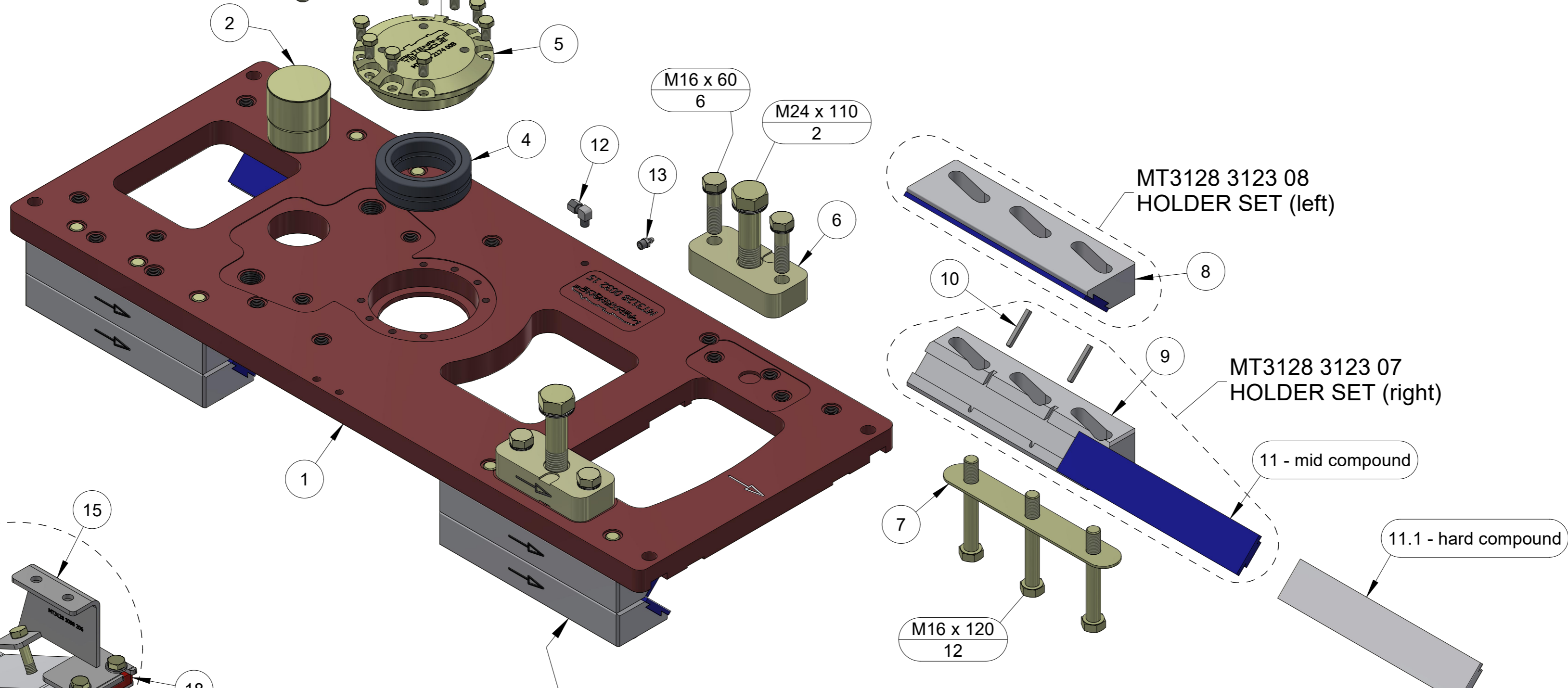
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT4050 2550 01	UNIVERSAL CRADLE	1	
2	MT3128 3105 22	SPACER	1	
3	MT3128 3105 20	SPACER	2	
4	MT3128 2174 00B	BEARING COVER	1	MT only
5	MT3128 0314 00	BEARING	1	
6	MT3128 3098 07	DRIVER	1	
7	MT3128 0083 00	SLIDE HOLDER LH	4	
8	MT3128 0082 00	SLIDE HOLDER RH	4	
9	MT3128 0646 00	SLIDE KEY	16	
10	MT3128 3043 55	NYLON SLIDE - BLUE	8	Upholes - mid
10.1	MT3128 3043 55H	NYLON SLIDE - WHITE	0	Downholes - hard
11	MT0333 0500 03	WASHER PLATE	4	
12	MT0580 2202 00	COUPLING 90°	1	
13	MT0544 2162 00	GREASE NIPPLE	1	
14	MT3128 0016 31BK	BOLT KIT	0	
15	MT3128 3098 206	MAGNET MOUNT	0	
16	MT3128 3098 226	MAGNET HOLDING BRACKET	0	
17	MT3128 3105 18	MAGNET	0	Includes bolts & nuts
18	MT3176 5409 001	DAMPER KIT COMPLETE	0	



PART NUMBER <b>MT3128 0016 79</b>	DESCRIPTION <b>CRADLE COMPLETE - 2550</b>
MT Parts: 0407 059 610 1 Haehy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <small>PAGE</small> <a href="http://www.mtunderground.com">www.mtunderground.com</a> <b>2.6</b>	



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3128 0032 15	CRADLE 3060B	1	
2	MT3128 3098 29	DRIVER	1	
3	MT3128 3098 32	ATTACHMENT	1	
4	MT3128 0314 00	BEARING	1	
5	MT3128 2174 00B	BEARING COVER	1	MT only
6	MT3128 3098 31	SPACER	2	
7	MT0333 0500 03	WASHER PLATE	4	
8	MT3128 0083 00	SLIDE HOLDER LH	4	
9	MT3128 0082 00	SLIDE HOLDER RH	4	
10	MT3128 0646 00	SLIDE KEY	16	
11	MT3128 3043 55	NYLON SLIDE - BLUE	8	Upholes - mid
11.1	MT3128 3043 55H	NYLON SLIDE - WHITE	0	Downholes - hard
12	MT0580 2202 00	COUPLING 90°	1	
13	MT0544 2162 00	GREASE NIPPLE	1	
14	MT3128 0016 43BK	BOLT KIT	0	
15	MT3128 3098 206	MAGNET MOUNT	0	
16	MT3128 3098 226	MAGNET HOLDING BRACKET	0	
17	MT3128 3105 18	MAGNET	0	Includes bolts & nuts
18	MT3176 5409 001	DAMPER KIT COMPLETE	0	

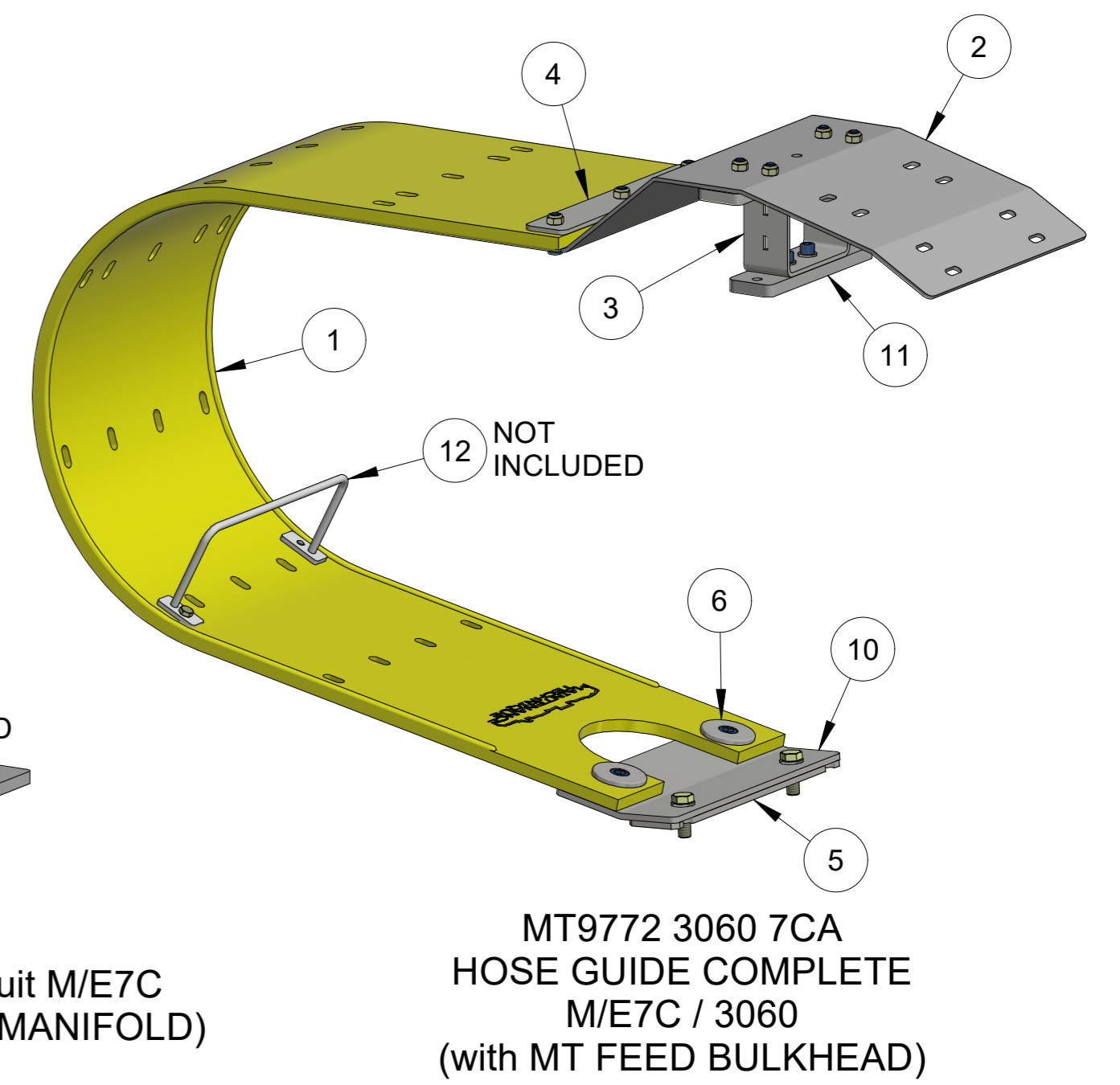
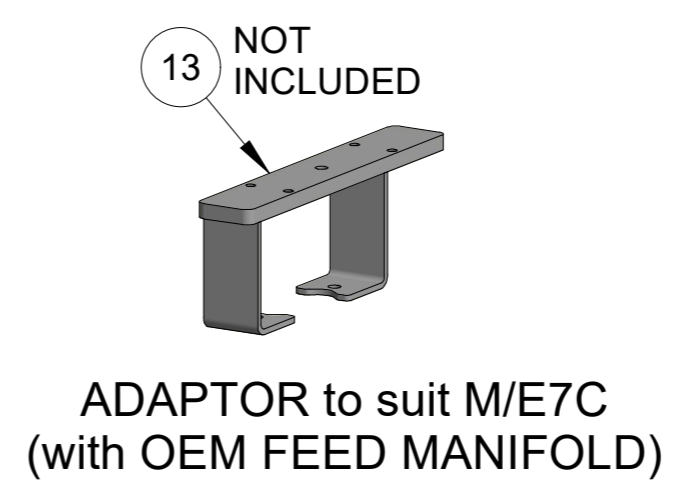
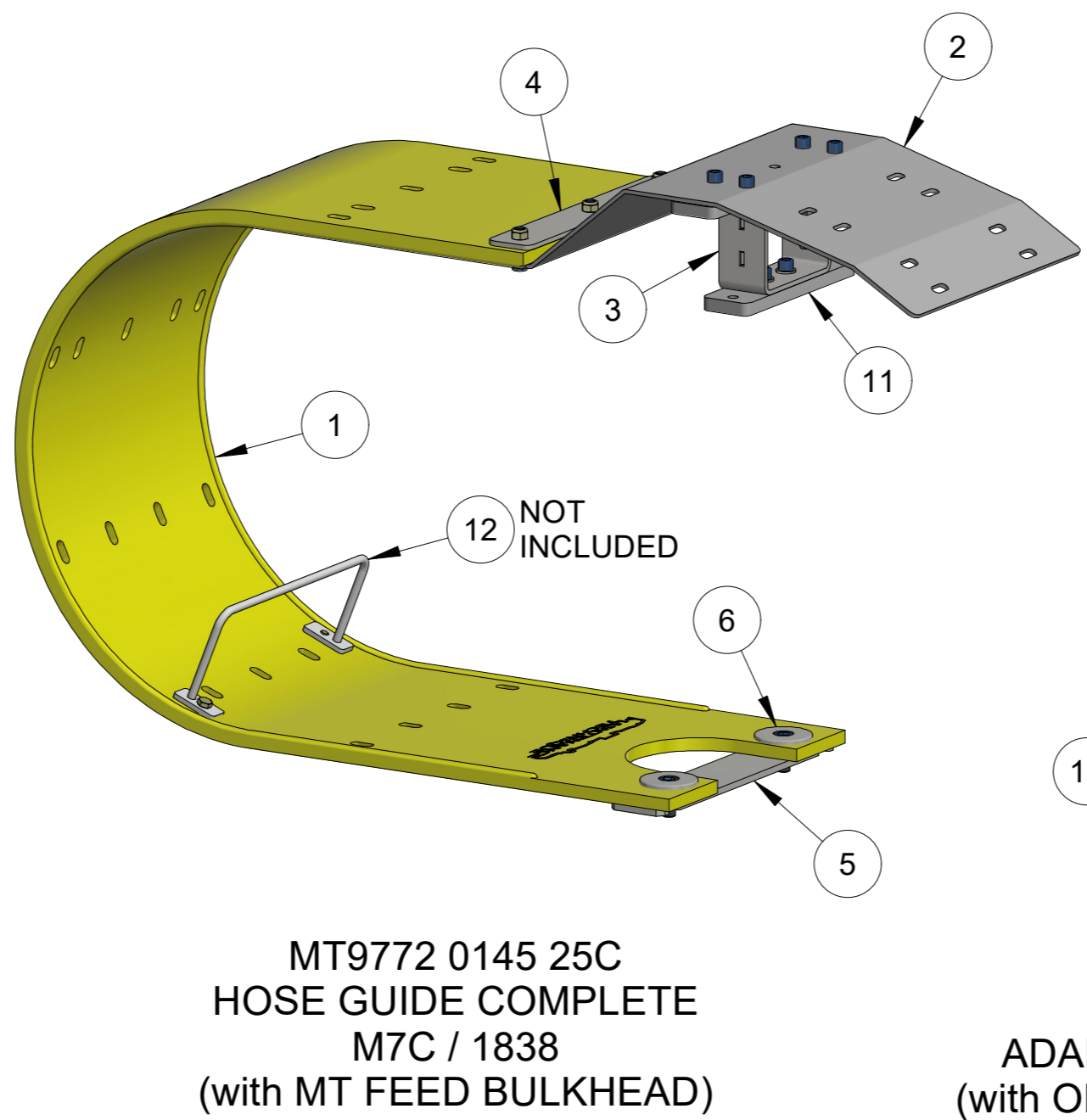
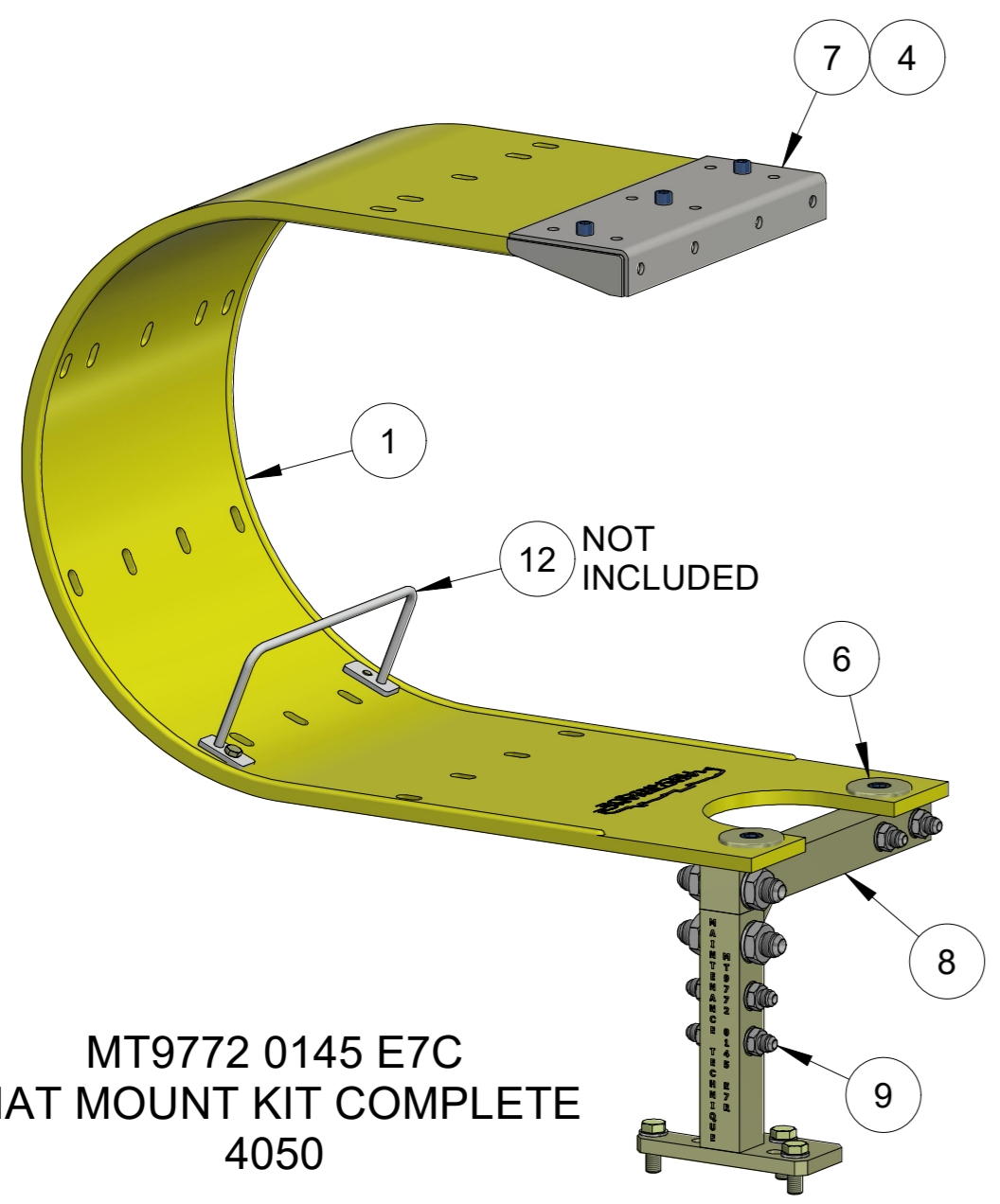
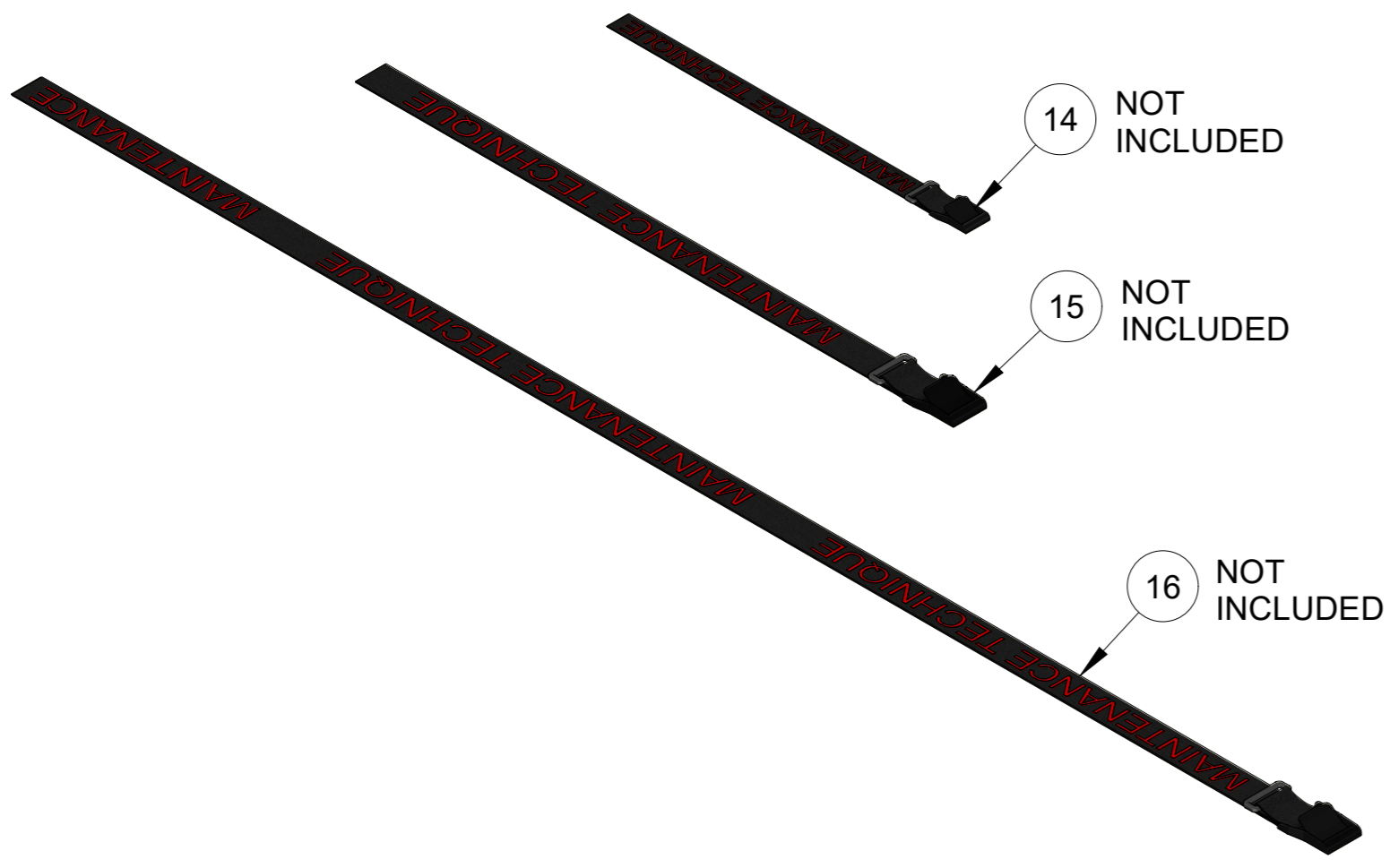


MT3128 0082 83  
CRADLE SLIDE SET COMPLETE  
(Comprises of  
4 x MT3128 3123 07 holder set  
4 x MT3128 3123 08 holder set)


PART NUMBER	DESCRIPTION
MT3128 0016 43	CRADLE COMPLETE - 3060
MT Parts: 0407 059 610 1 Haesy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <small>PAGE</small> <a href="http://www.mtunderground.com">www.mtunderground.com</a> <b>2.7</b>	




ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT9772 0145 25	MAT		
2	MT9772 0145 25B	BENT ATTACHMENT		
3	MT9772 0145 25M	MOUNT		
4	MT9772 0145 25P	CLAMPING PLATE		
5	MT9772 0145 25S	MAT SPACER		
6	MT9772 0145 25W	WASHER		Includes Screw
7	MT9772 0145 E7A	MAT ATTACHMENT		
8	MT9772 0145 E7R	MAT MOUNT FRAME		
9	MT9772 0145 FK	FITTINGS KIT		
10	MT9772 3060 7CBA	BOTTOM ADAPTOR		
11	MT9772 0130 60	ADAPTOR PLATE		MT adaptor - M/E7C
12	MT9772 0145 254	HOSE GUIDE		
13	MT9772 0145 257	MOUNT		OEM only
14	MT3103 0112 10	STRAP MINI		
15	MT3176 3681 00	STRAP SHORT		
16	MT3115 0212 00	STRAP LONG		



PART NUMBER	DESCRIPTION
	HOSE GUIDES



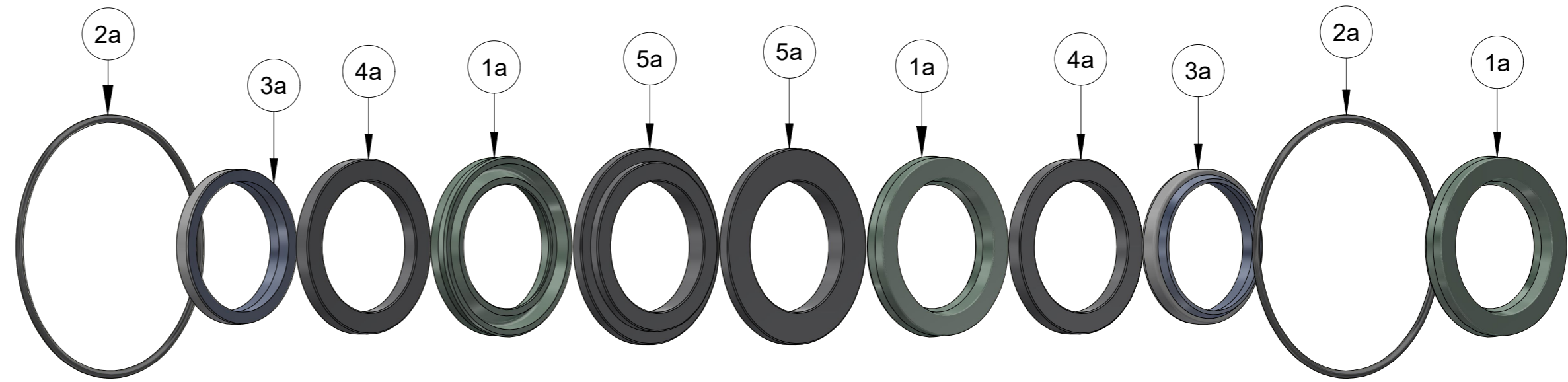


**MAINTENANCE  
TECHNIQUE**  
UNDERGROUND DRILL RELIABILITY

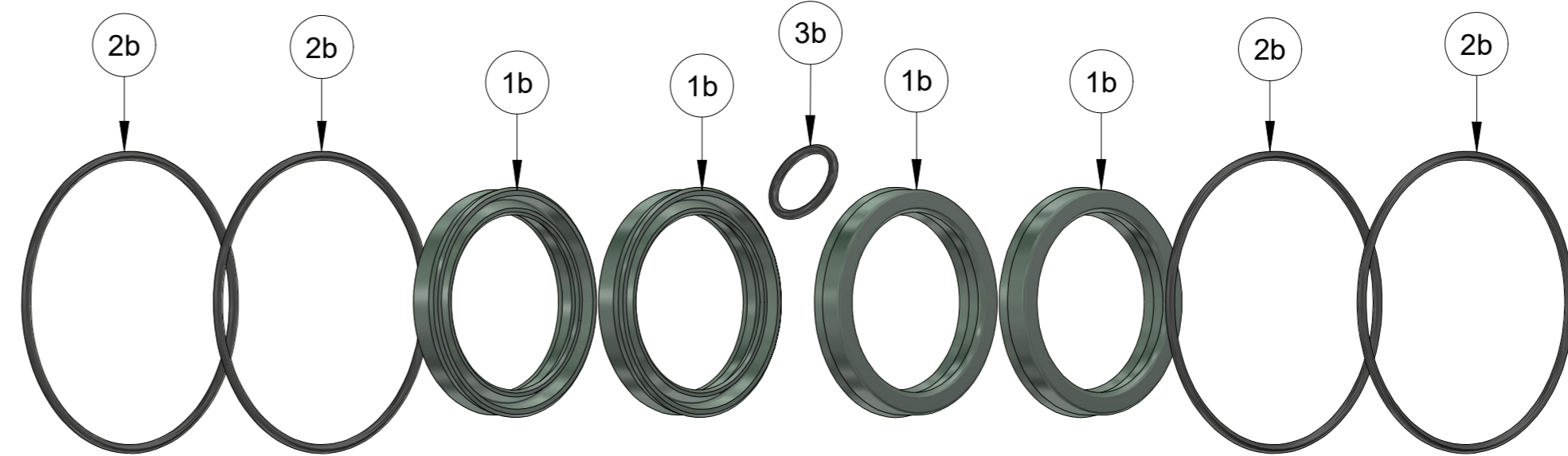
MT Parts: 0407 059 610  
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**2.9**

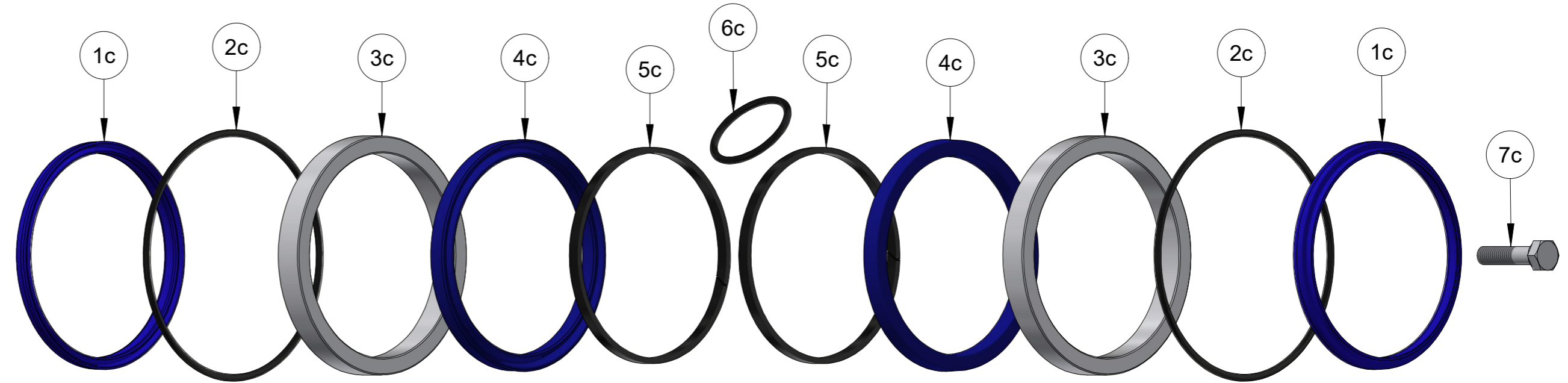
MT9754 0067 80 Flushing Kit 1838 MUX			
ITEM	PART NUMBER	DESCRIPTION	QTY
1a	MT3115 2386 00	CUP SEAL	3
2a	MT0663 2104 94	O-RING	2
3a	MT3115 3236 00	WIPER	2
4a	MT3115 3196 02	GUIDE	2
5a	MT3115 3197 02	GUIDE	2



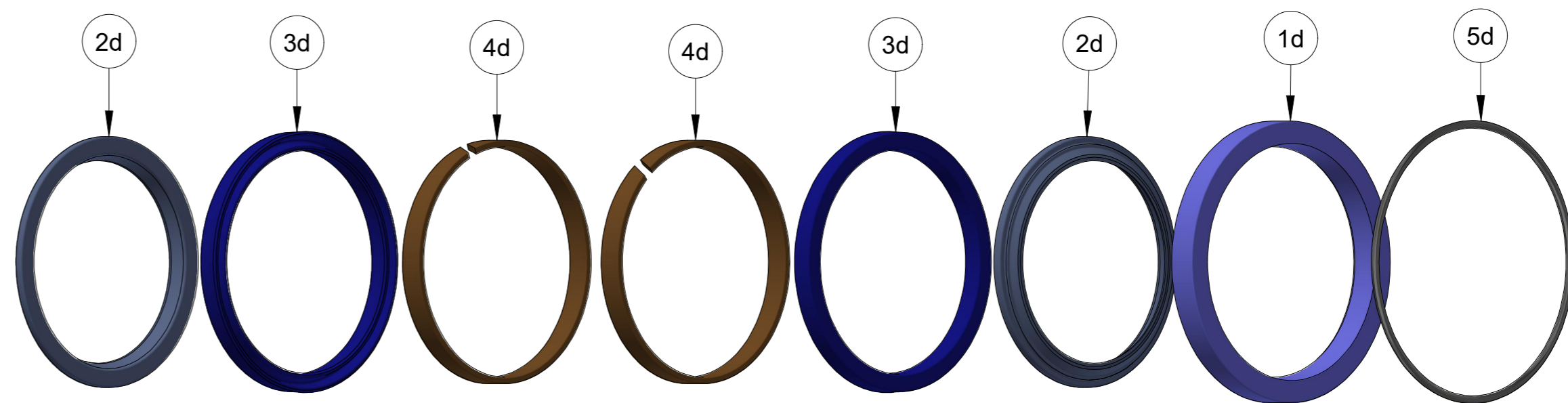
MT3115 2387 SK Flushing Kit 1838 MEX			
ITEM	PART NUMBER	DESCRIPTION	QTY
1b	MT3115 2387 00	CUP SEAL	4
2b	MT0663 6143 01	O-RING	4
3b	MT0663 2126 01	O-RING	1



MT3115 3060 SK Flushing Kit 3060 MUX			
ITEM	PART NUMBER	DESCRIPTION	QTY
1c	MT3115 5756 00	WIPER	2
2c	MT0663 6145 00	O-RING	2
3c	MT3115 5730 00	GUIDE	2
4c	MT3115 3059 00	CUP SEAL	2
5c	MT3115 5731 00	WEAR BAND	2
6c	MT0663 2131 00	O-RING	1
7c	MT0147 1327 03SS	SCREW	12



MT3115 3059 SK Flushing Kit 4050 MUX			
ITEM	PART NUMBER	DESCRIPTION	QTY
1d	MT3115 3044 00	CUP SEAL	1
2d	MT3115 3060 00	WIPER	2
3d	MT3115 3059 00	CUP SEAL	2
4d	MT3115 3058 00	GUIDE	2
5d	MT0663 2106 33	O-RING	1

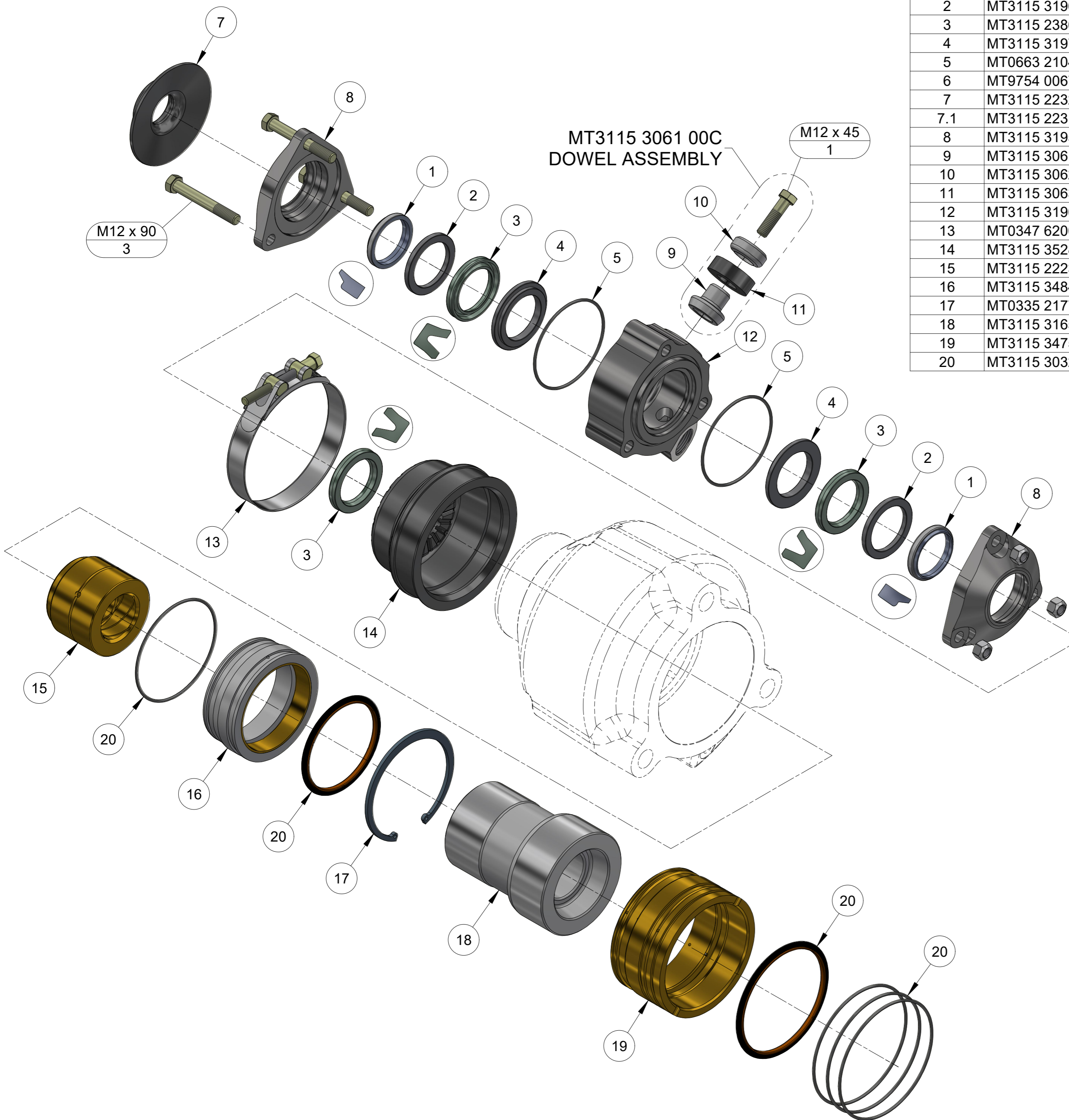


PART NUMBER MT3115 2387 SK	DESCRIPTION FLUSHING KIT 1838 MEX
PART NUMBER MT3115 3060 SK	DESCRIPTION FLUSHING KIT 3060 MUX
PART NUMBER MT3115 3059 SK	DESCRIPTION FLUSHING KIT 4050 MUX

PART NUMBER: MT9754 0067 80 DESCRIPTION: FLUSHING KIT 1838 MUX



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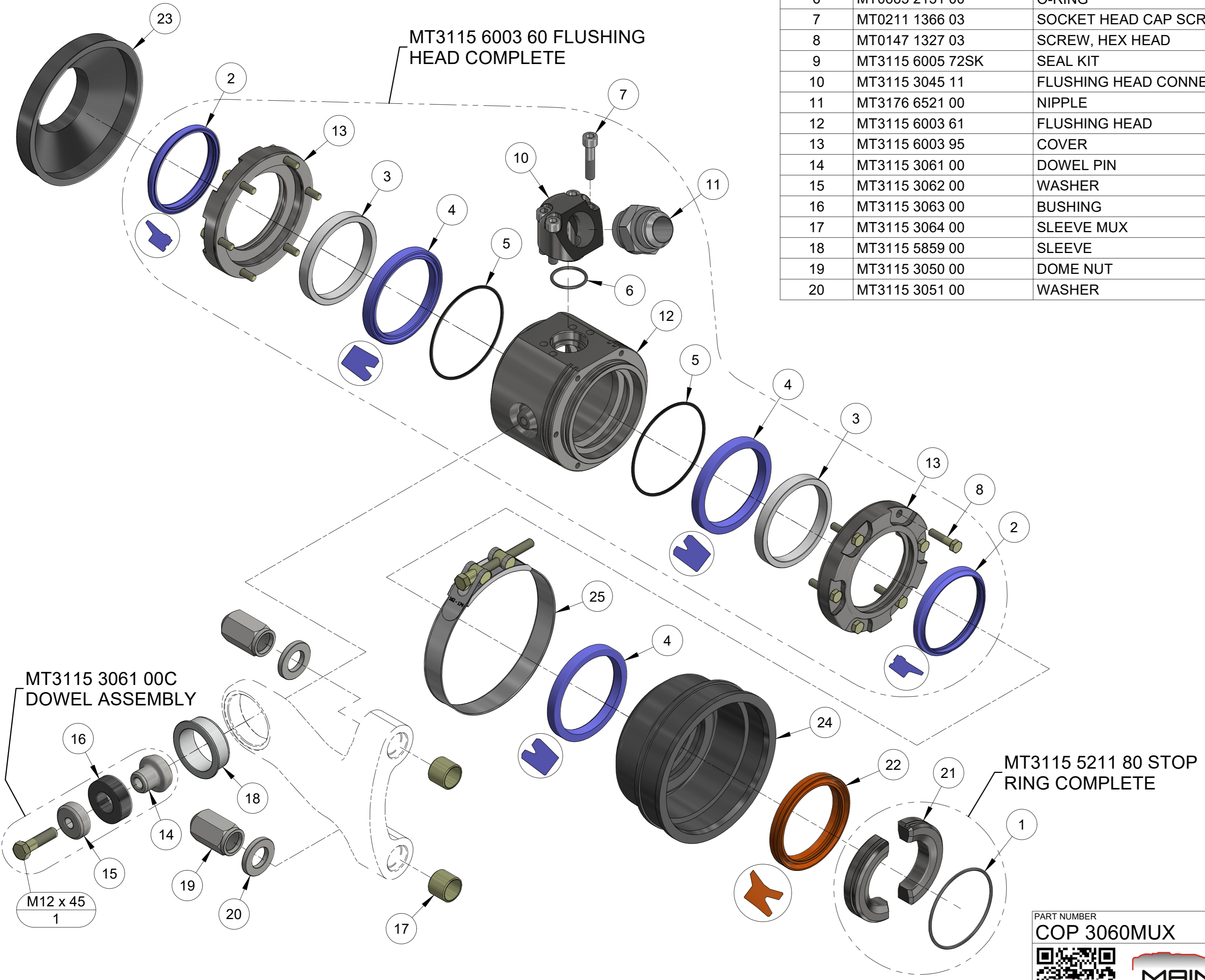


MT3115 3061 00C  
DOWEL ASSEMBLY

ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3115 3236 00	WIPER	2	
2	MT3115 3196 02	GUIDE	2	
3	MT3115 2386 00	CUP SEAL	3	
4	MT3115 3197 02	GUIDE	2	
5	MT0663 2104 94	O-RING	2	
6	MT9754 0067 80	FLUSHING KIT		Includes items 1 - 5
7	MT3115 2232 00	DRILL COLLAR ST45	1	
7.1	MT3115 2231 00	DRILL COLLAR ST38	1	
8	MT3115 3195 01	COVER	2	
9	MT3115 3061 00	DOWEL PIN	1	
10	MT3115 3062 00	WASHER	1	
11	MT3115 3063 00	BUSHING	1	
12	MT3115 3190 00	FLUSHING HEAD	1	
13	MT0347 6200 21	HOSE CLAMP	1	
14	MT3115 3528 00	SEAL RETAINER	1	
15	MT3115 2223 02	GUIDE	1	
16	MT3115 3484 00	FRONT BUSH	1	
17	MT0335 2177 00	CIRCLIP	1	
18	MT3115 3165 00	PISTON	1	
19	MT3115 3475 00	REAR BUSH	1	
20	MT3115 3032 00SK	EXTRACTOR SEAL KIT	1	

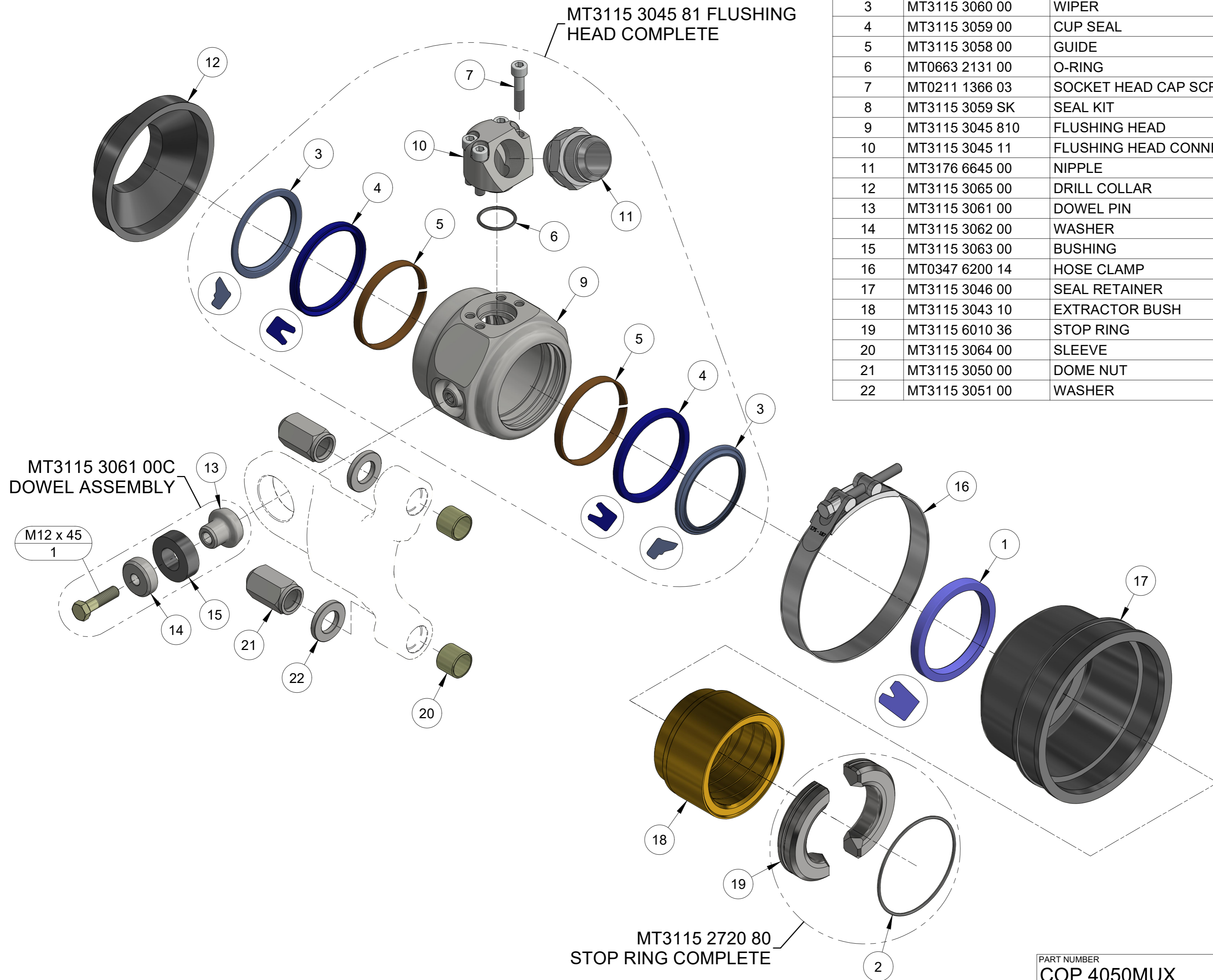
PART NUMBER <b>COP 1838MUX</b>	DESCRIPTION <b>FRONT HEAD PARTS</b>
	<p>MT Parts: 0407 059 610          1 Haesy Circuit, Roseworthy S.A. 5371          171 Dugan Street, Kalgoorlie W.A. 6430  <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a>  <a href="http://www.mtunderground.com">www.mtunderground.com</a></p>
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ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS	ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
21	MT3115 5211 00	STOP RING	1		1	MT0663 6142 00	O-RING	1	
22	MT3115 5754 02	WIPER	1		2	MT3115 6005 27	WIPER	2	
23	MT3115 3065 10	DRILL COLLAR	1		3	MT3115 5730 00	GUIDE	2	
24	MT3115 3046 02	SEAL RETAINER	1		4	MT3115 3044 00	CUP SEAL	3	2 for flushing head
25	MT0347 6200 25	HOSE CLAMP	1		5	MT0663 6145 00	O-RING	2	



6	MT0663 2131 00	O-RING	1	
7	MT0211 1366 03	SOCKET HEAD CAP SCREW	4	
8	MT0147 1327 03	SCREW, HEX HEAD	12	
9	MT3115 6005 72SK	SEAL KIT		Includes items 1 - 8
10	MT3115 3045 11	FLUSHING HEAD CONNECTION	1	
11	MT3176 6521 00	NIPPLE	1	
12	MT3115 6003 61	FLUSHING HEAD	1	
13	MT3115 6003 95	COVER	2	
14	MT3115 3061 00	DOWEL PIN	1	
15	MT3115 3062 00	WASHER	1	
16	MT3115 3063 00	BUSHING	1	
17	MT3115 3064 00	SLEEVE MUX	2	
18	MT3115 5859 00	SLEEVE	1	
19	MT3115 3050 00	DOME NUT	2	
20	MT3115 3051 00	WASHER	2	

PART NUMBER <b>COP 3060MUX</b>	DESCRIPTION <b>FRONT HEAD PARTS</b>
	
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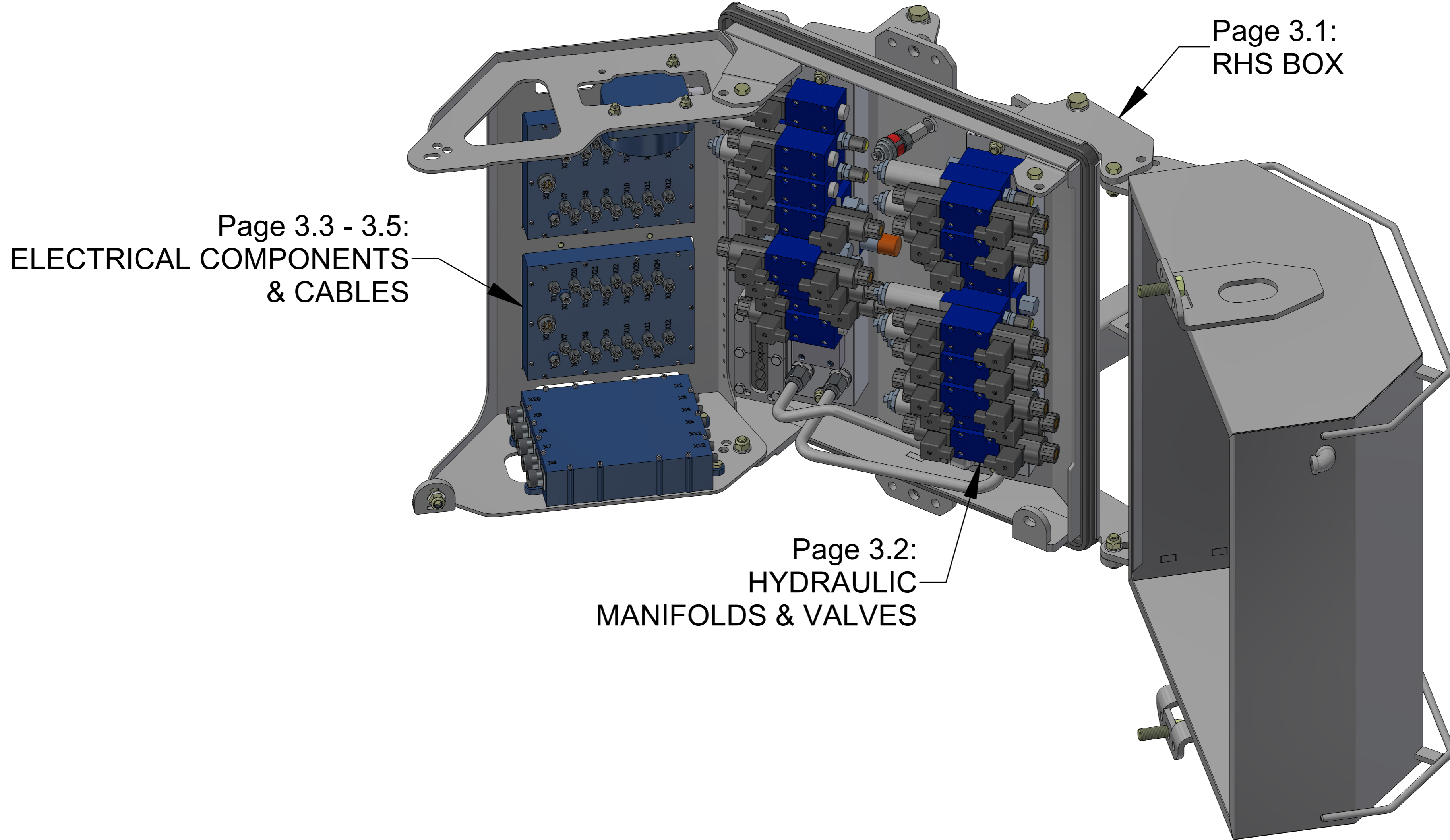
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3115 3044 00	CUP SEAL	1	
2	MT0663 2106 33	O-RING	1	
3	MT3115 3060 00	WIPER	2	
4	MT3115 3059 00	CUP SEAL	2	
5	MT3115 3058 00	GUIDE	2	
6	MT0663 2131 00	O-RING	1	
7	MT0211 1366 03	SOCKET HEAD CAP SCREW	4	
8	MT3115 3059 SK	SEAL KIT		Includes items 1 - 7
9	MT3115 3045 810	FLUSHING HEAD	1	
10	MT3115 3045 11	FLUSHING HEAD CONNECTION	1	
11	MT3176 6645 00	NIPPLE	1	
12	MT3115 3065 00	DRILL COLLAR	1	
13	MT3115 3061 00	DOWEL PIN	1	
14	MT3115 3062 00	WASHER	1	
15	MT3115 3063 00	BUSHING	1	
16	MT0347 6200 14	HOSE CLAMP	1	
17	MT3115 3046 00	SEAL RETAINER	1	
18	MT3115 3043 10	EXTRACTOR BUSH	1	
19	MT3115 6010 36	STOP RING	1	
20	MT3115 3064 00	SLEEVE	2	
21	MT3115 3050 00	DOME NUT	2	
22	MT3115 3051 00	WASHER	2	

MT3115 3061 00C  
DOWEL ASSEMBLY

MT3115 2720 80  
STOP RING COMPLETE

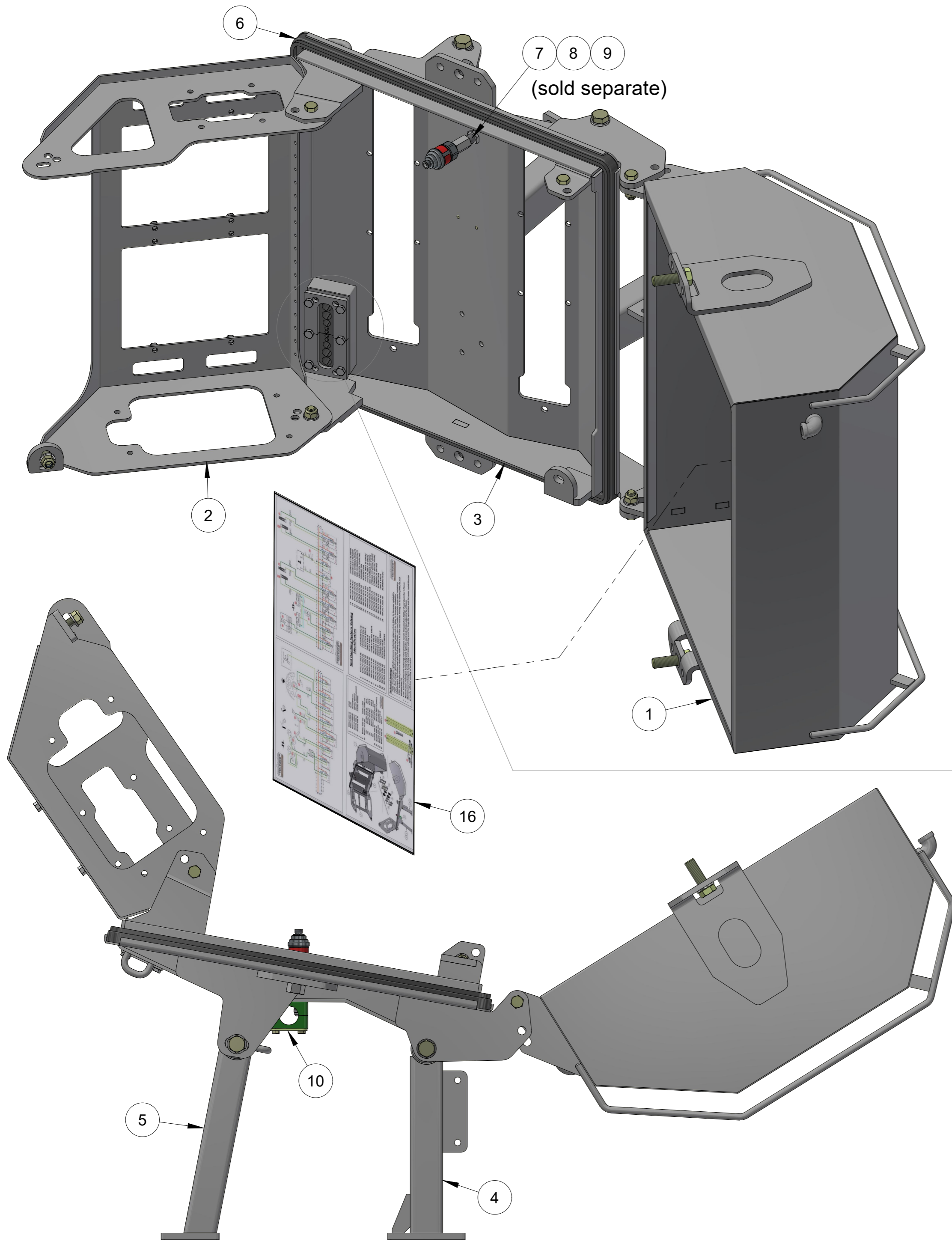
PART NUMBER <b>COP 4050MUX</b>	DESCRIPTION <b>FRONT HEAD PARTS</b>
	
<p>MT Parts: 0407 059 610          1 Haesy Circuit, Roseworthy S.A. 5371          171 Dugan Street, Kalgoorlie W.A. 6430  <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a>  <a href="http://www.mtunderground.com">www.mtunderground.com</a></p>	

# SECTION 3: ROD HANDLER SYSTEM

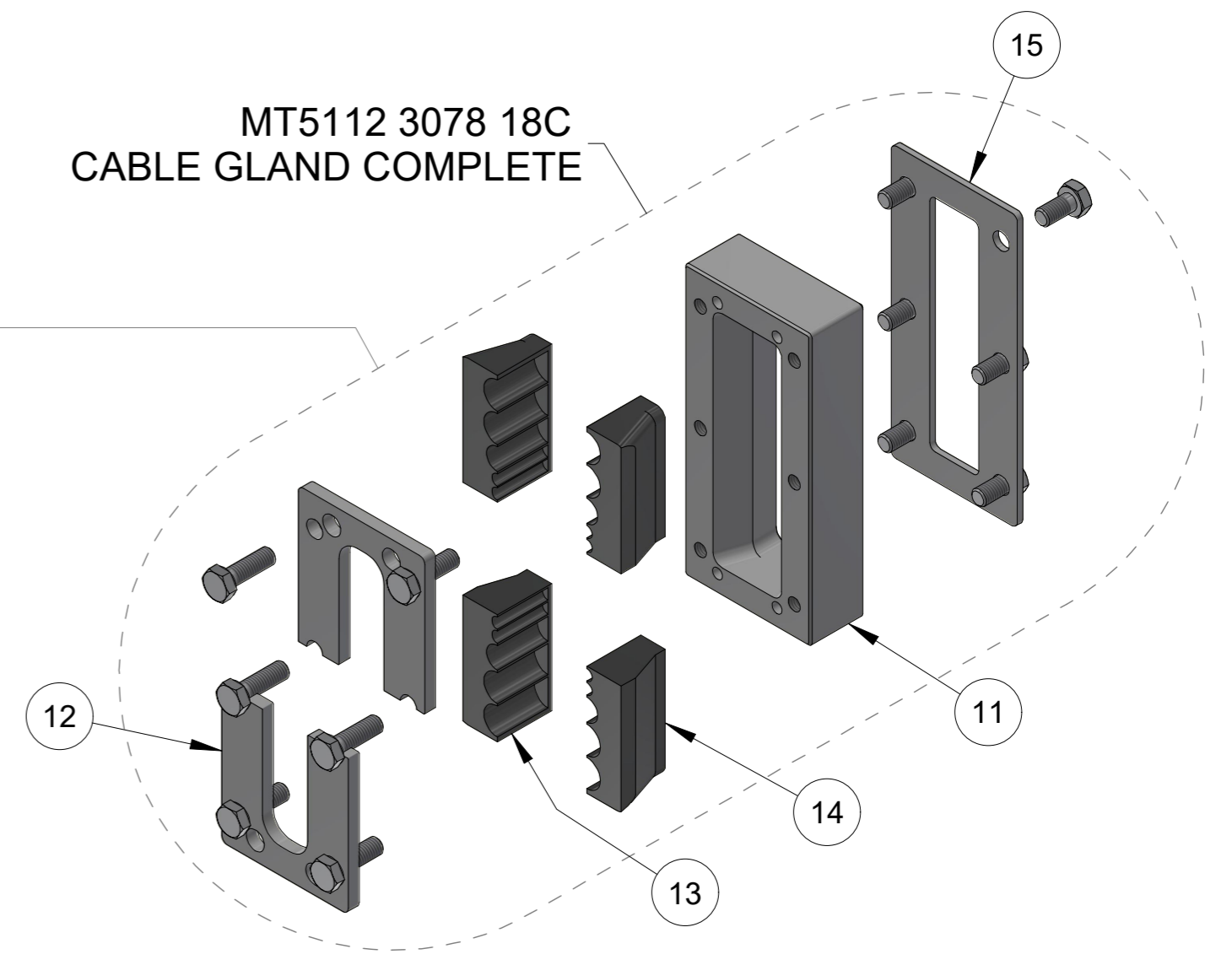


PART NUMBER	DESCRIPTION
	<b>ROD HANDLER SYSTEM</b>
	MT Parts: 0407 059 610 1 Haesy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <a href="http://www.mtunderground.com">www.mtunderground.com</a>

**MAINTENANCE TECHNIQUE**  
UNDERGROUND DRILL RELIABILITY

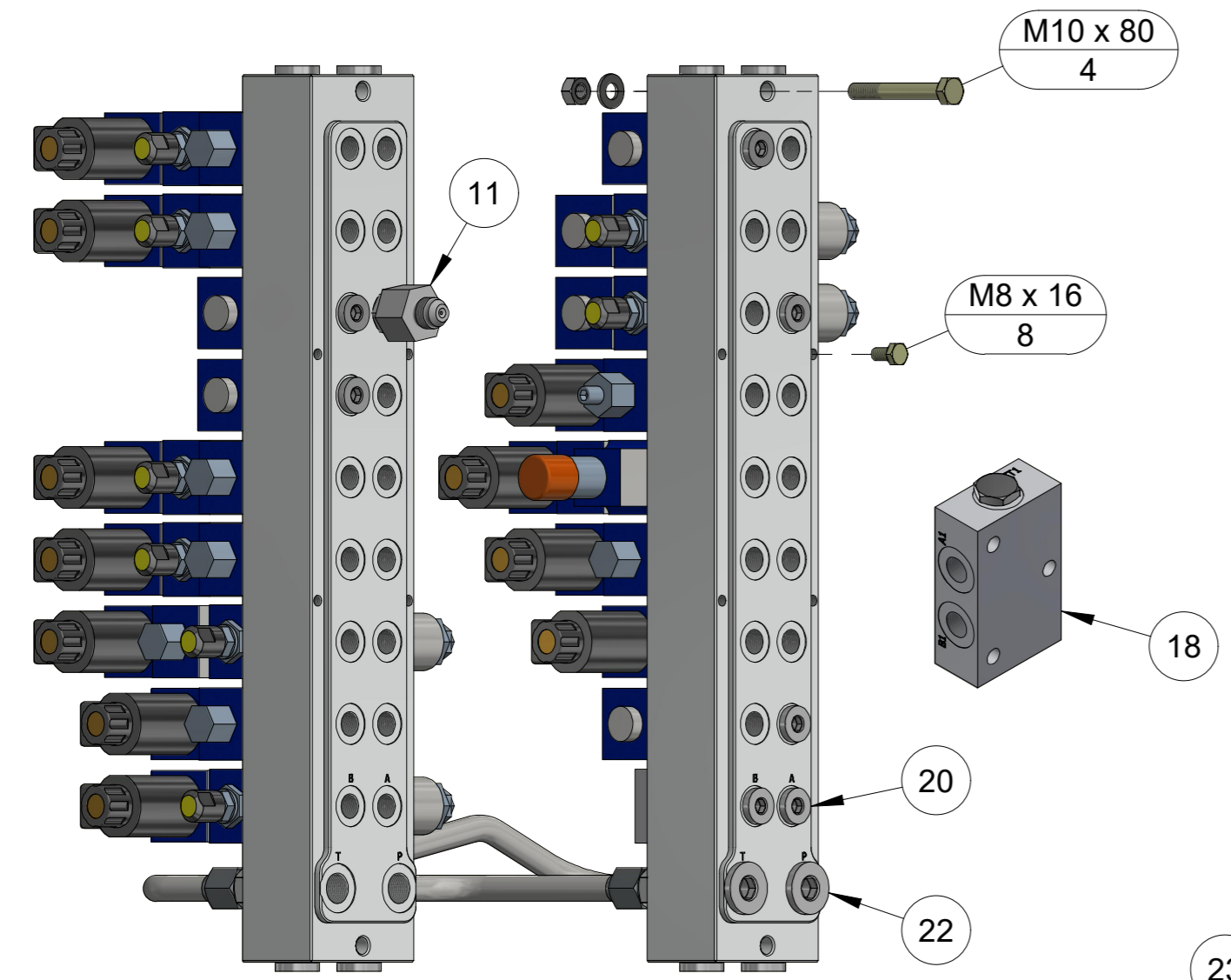


ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT9111 4095 713	HOOD	1	
2	MT9111 4088 203	PLATE	1	
3	MT9111 4088 003	BOTTOM PLATE	1	
4	MT9111 4088 072	BRACKET RHS27	1	MT box only
5	MT9111 4088 142	BRACKET ANGLED RHS27	1	MT box only
6	MT9111 4088 303	SEALING RUBBER	1	
7	MT9106 2192 01	PRESSURE TRANSDUCER RCS4		350 bar - OEM only
8	MTJIM JBM 0909	JIC x JIC Bulkhead		
9	MT0570 5191 05	TEST CONNECTION ADAPTOR		
10	MT9111 4088 30C	CLAMP 30mm COMPLETE	1	
11	MT5112 3078 GB	BASE	1	
12	MT5112 3078 CP1	CLAMP PLATE	2	
13	MT5112 3078 RB3	RUBBER BLOCK	2	
14	MT5112 3078 RB4	RUBBER BLOCK-OH	2	
15	MT5112 3078 CP2	CLAMP PLATE-OUTER	1	
16	MT9111 4095 71LS	RHS BOX HOOD LABEL SHEET		Affixed to inside of hood

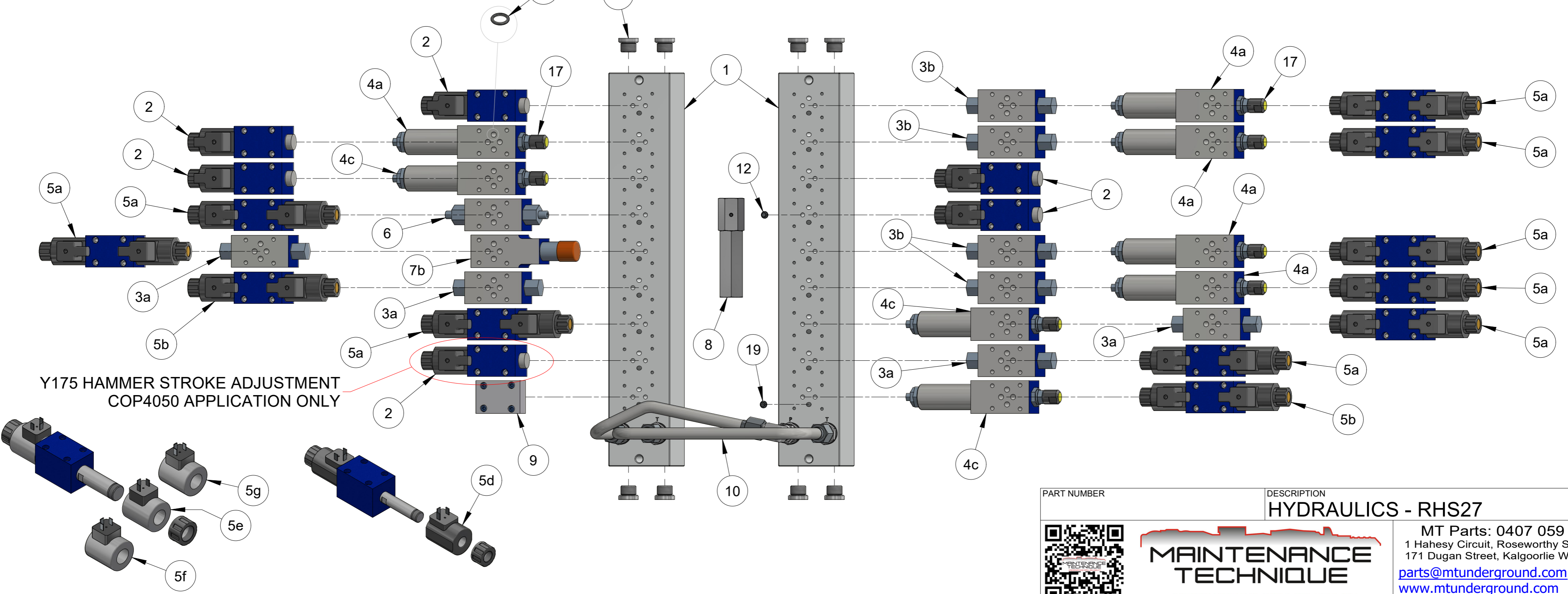




PART NUMBER <b>MT9111 4088 L6</b>	DESCRIPTION <b>ROD HANDLER SYSTEM BOX - RHS27</b>
	
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ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS	ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
20	MT4BN-6WD	3/8" BSP ALLEN PLUG	7		1	MT9111 4088 25SS	VALVE BLOCK	2	Stainless Steel
21	MT4BN-8WD	1/2" BSP ALLEN PLUG	8		2	MT3177 3092 88	2 POSITION VALVE	6	Rod Handler etc. (24Ω Coil)
22	MT4BN-12WD	3/4" BSP ALLEN PLUG	2		3a	MT3222 3268 96	CHECK VALVE	4	
23	MT5507 8719 00	O-RING	144	DCV O-Ring	3b	MT3217 9075 00	STINGER CHECK VALVE	4	



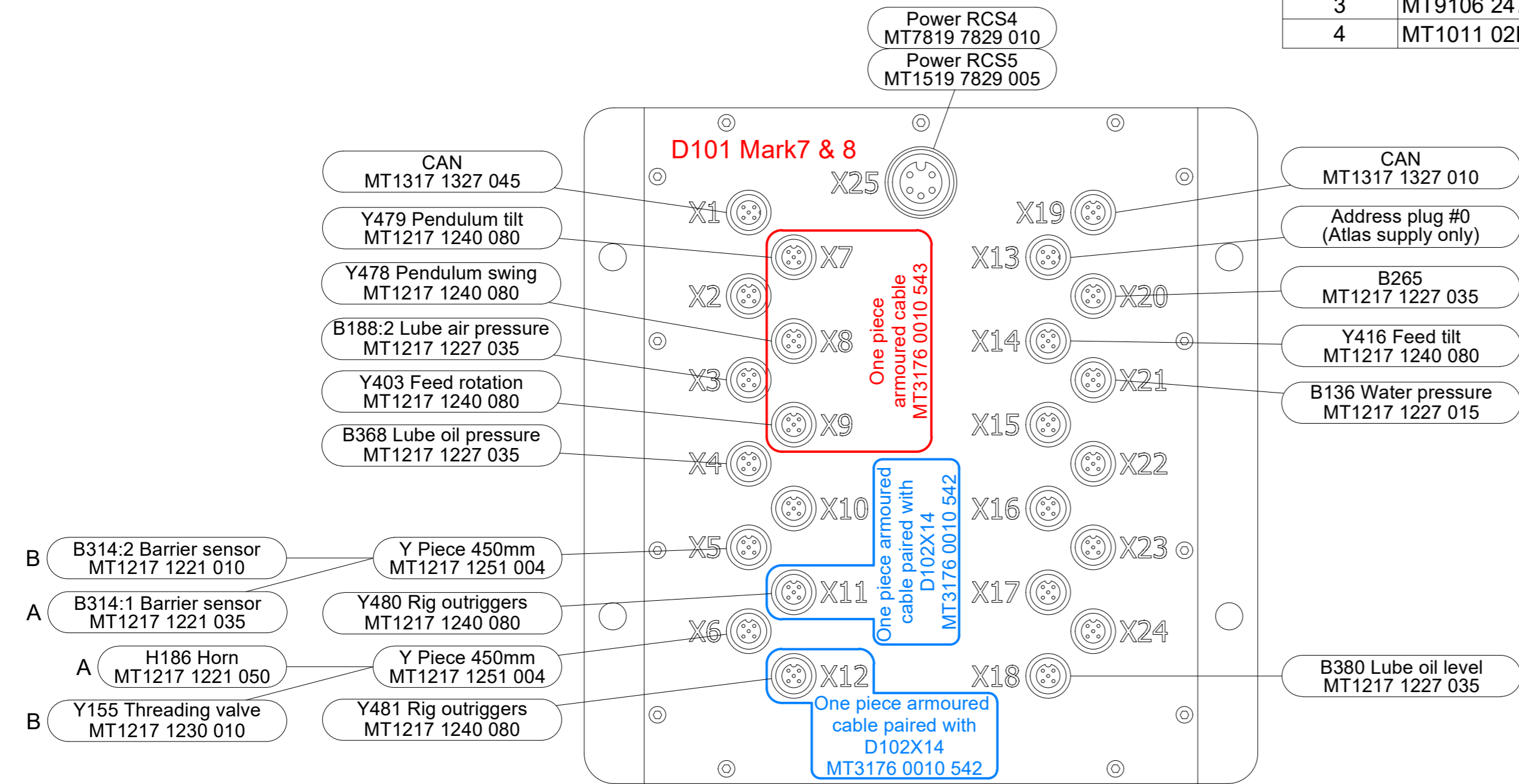
2	MT3217 9341 60	REDUCER VALVE	5	A-Port reducer
2	MT3217 9341 40	REDUCER VALVE		B-Port
3	MT3214 8712 80	REDUCER VALVE	3	P-Port
3	MT3177 3092 83	3 POSITION VALVE	9	Non-proportional movements (24Ω Coil)
2	MT3177 3092 60	3 POSITION VALVE	2	Proportional 3 pos. DCV (5Ω Coil)
2	MT3177 3092 80	3 POSITION VALVE		Closed centre (24Ω Coil)
1	MT3177 3092 55	24Ω DIRECT COIL	1	16mm shaft ID
1	MT3177 3092 64	5Ω PROPORTIONAL COIL	1	23mm shaft ID - suit MT supplied HD valves only
1	MT3177 3092 52	20Ω DIRECT COIL		23mm shaft ID - suit MT supplied HD valves only
1	MT3177 3092 24WF	PROPORTIONAL COIL WUNDFLAH		23mm shaft ID - suit MT supplied HD valves only
1	MT3217 9773 00	FLOW CONTROL VALVE	1	Dual direction C-top
1	MT3217 9082 07	RELIEF VALVE		A-Port relief
1	MT9106 0652 00	RELIEF VALVE		B-Port relief
1	MT3125 2794 03	PRESSURE RELIEF VALVE	1	BSH Guide check/relief
1	MT3177 3092 BP	BLANKING PLATE	1	Includes O-Rings & M5x25 SHCS
1	MT9111 4088 PS	PIPE SET	1	For Manifold (pressure + tank pipe)
1	MT3214 7494 03	REDUCTION NIPPLE	1	Extractor restrictor
1	MT3217 2682 00	PLUG	1	P port plug
1	MT9111 4088 FK	FITTINGS KIT		Complete JIC/BSP adaptors for both manifolds
20	MT0211 1215 03	M5x50 SHCS	20	Single stack
24	MT4090 0630 00	M5x90 SHCS	24	Twin stack
24	MT0211 1965 58	M5x130 SHCS	24	Three stack
8	MT3177 3016 00	COUPLING	8	Stauff test point, test 12 to 1/4BSPP
1	MT9106 0630 10	DOUBLE CHECK VALVE	1	
1	MT3125 5350 00	RESTRICTOR (2.4MM)	1	P-port



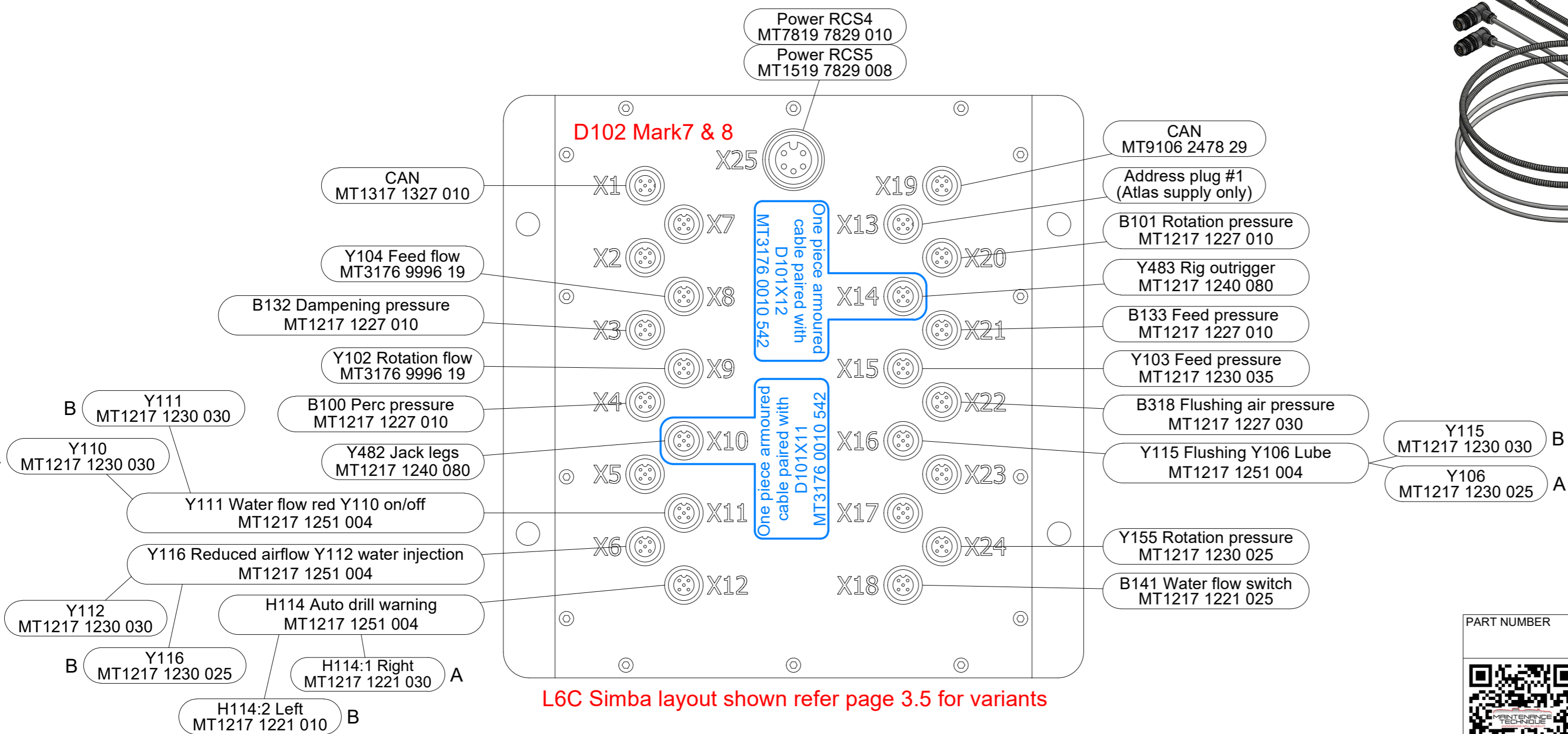
PART NUMBER	DESCRIPTION
	<b>HYDRAULICS - RHS27</b>
	
	
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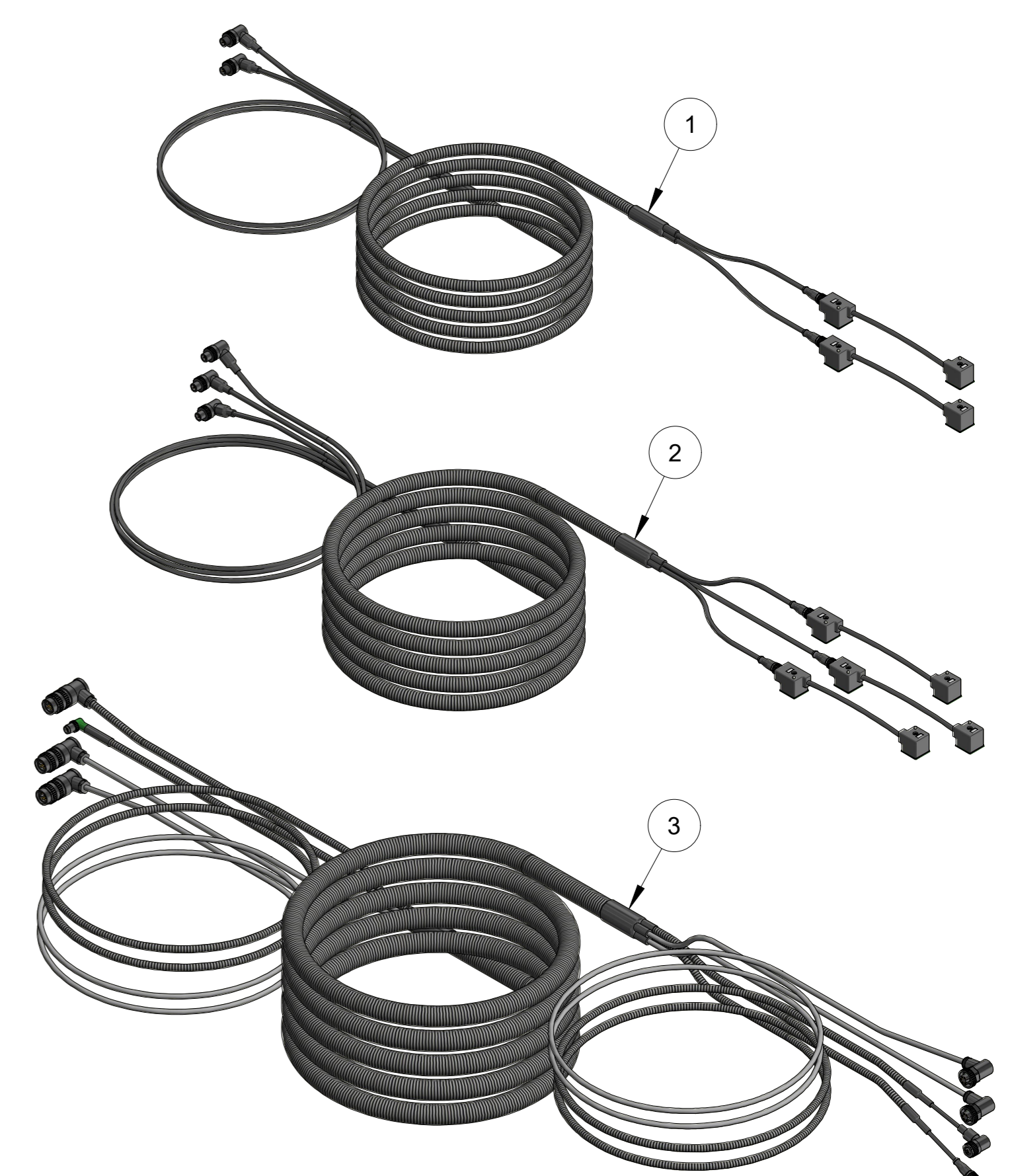
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3176 0010 542	DOUBLE OUTPUT HARNESS		
2	MT3176 0010 543	TRIPLE OUTPUT HARNESS		
3	MT9106 2478 29	MAIN CAN CABLE		
4	MT1011 02RC S4	LABELLING KIT D101 - D102		Not shown



L6C Simba layout shown refer page 3.5 for variants

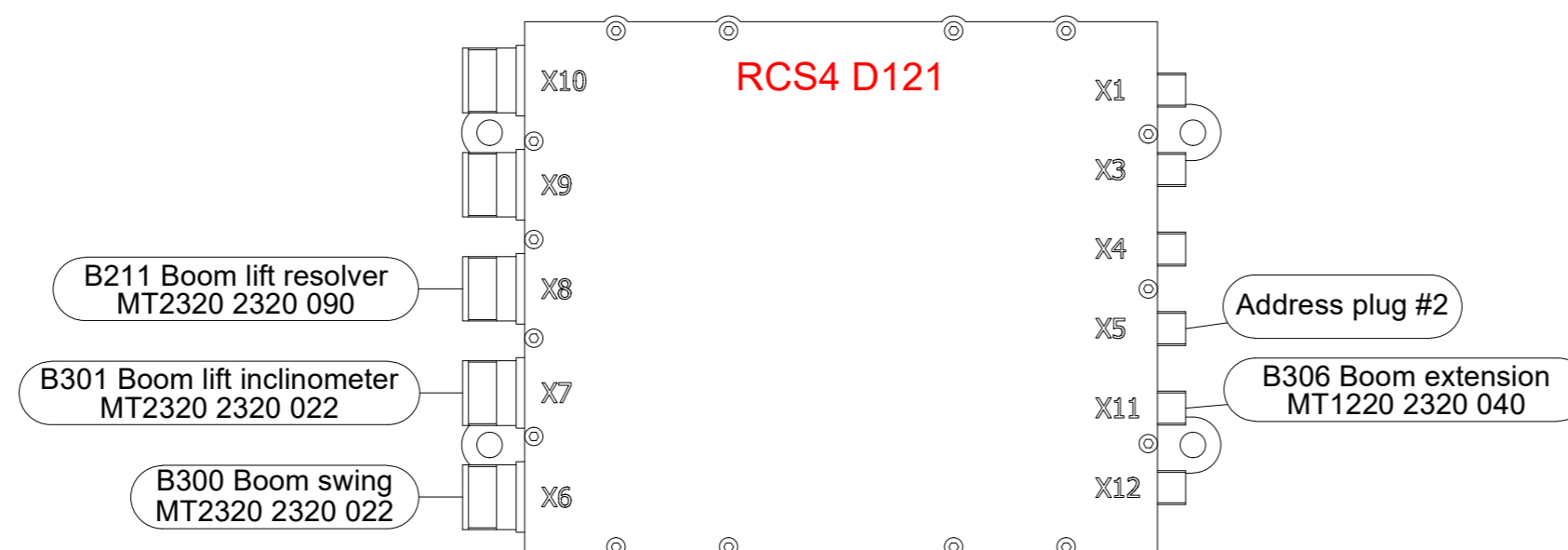
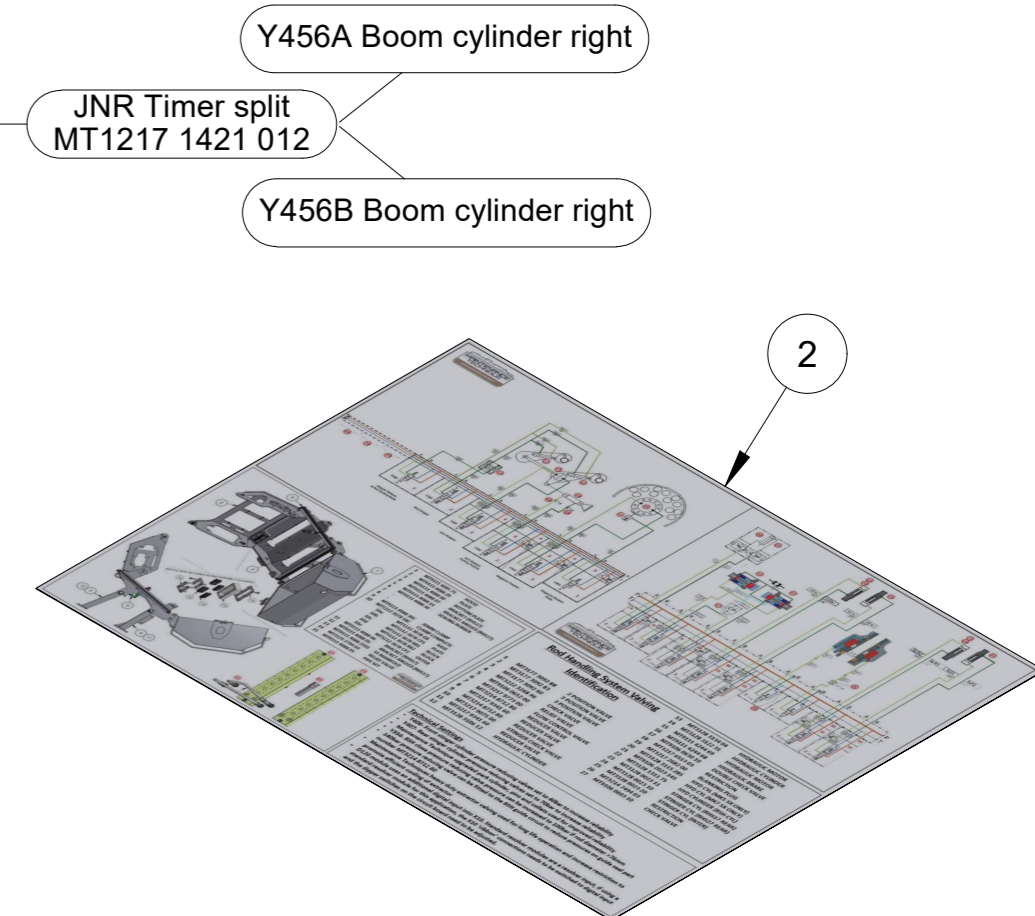
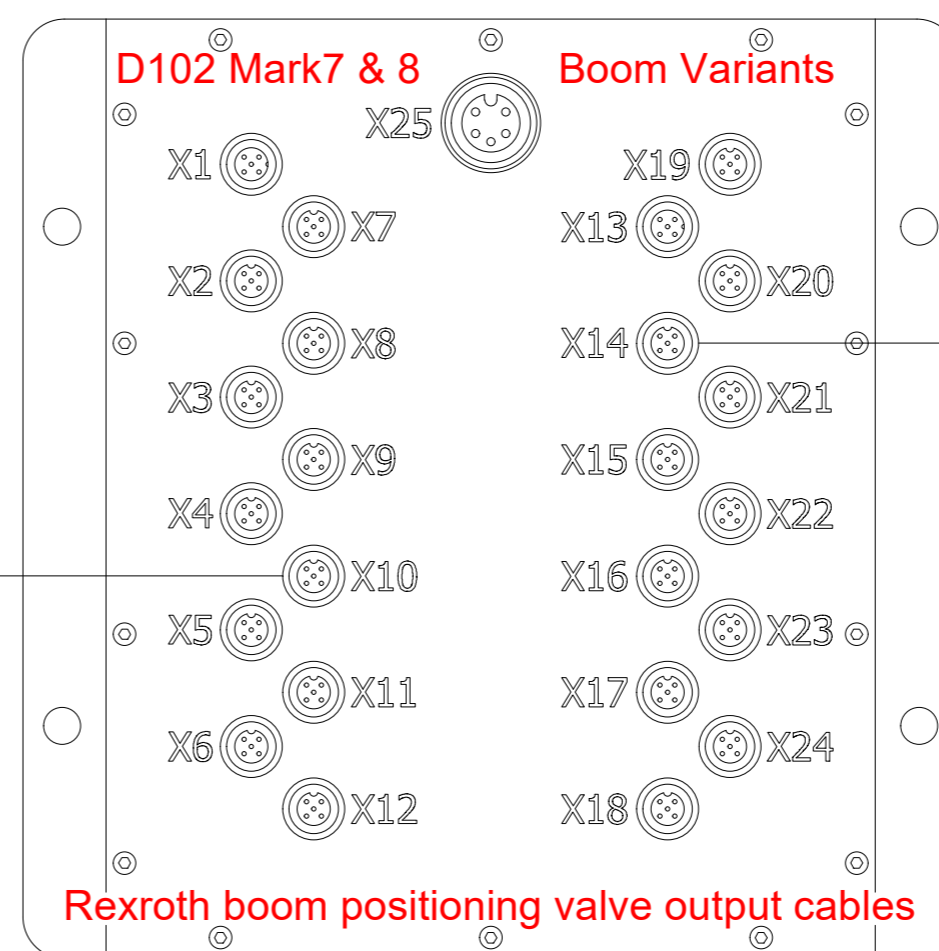
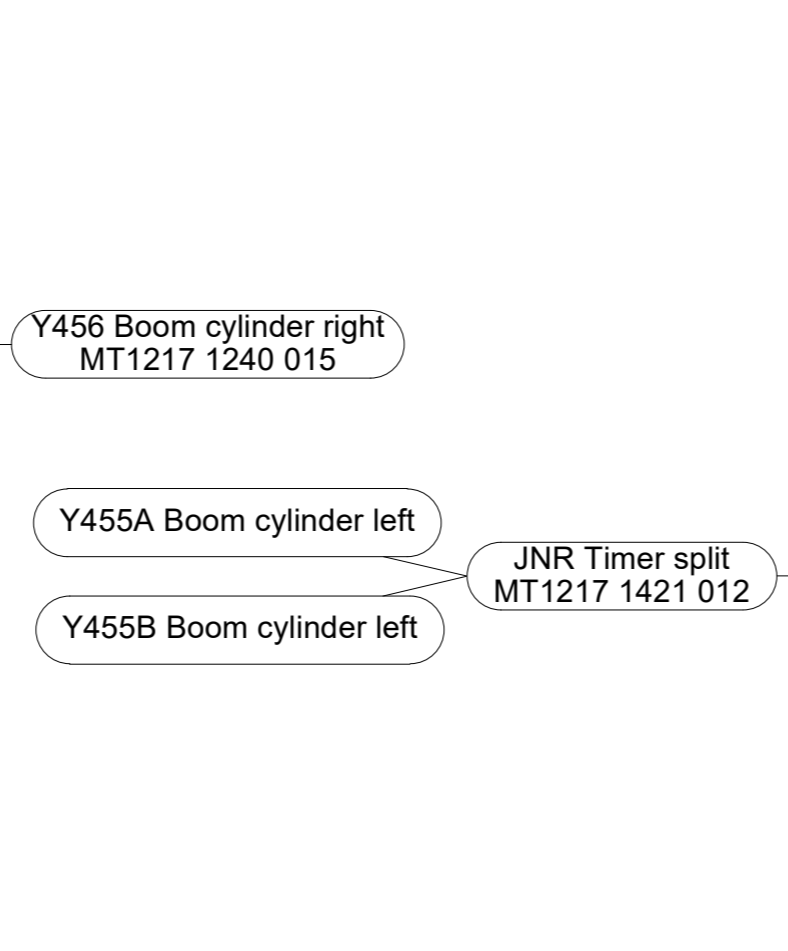
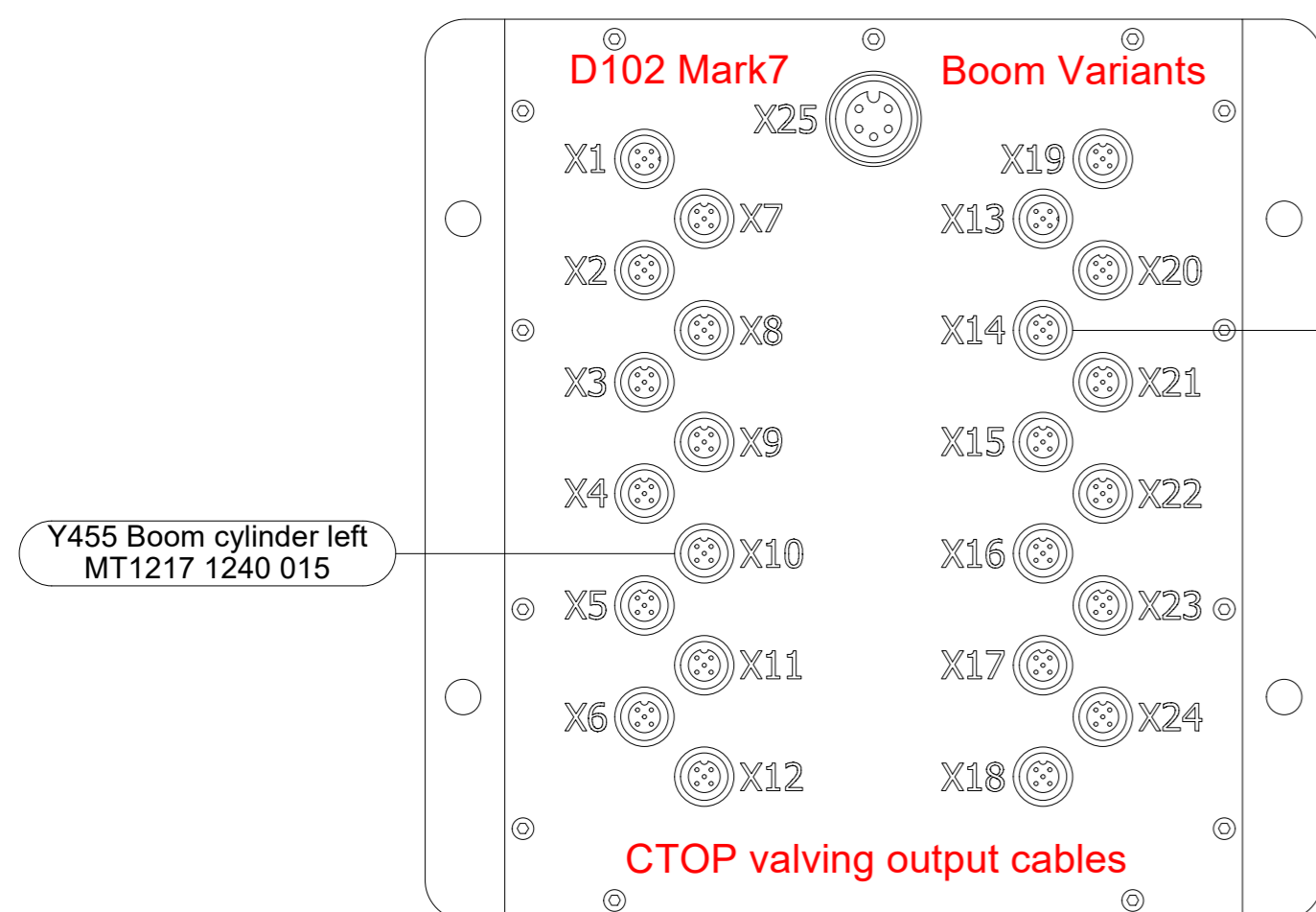
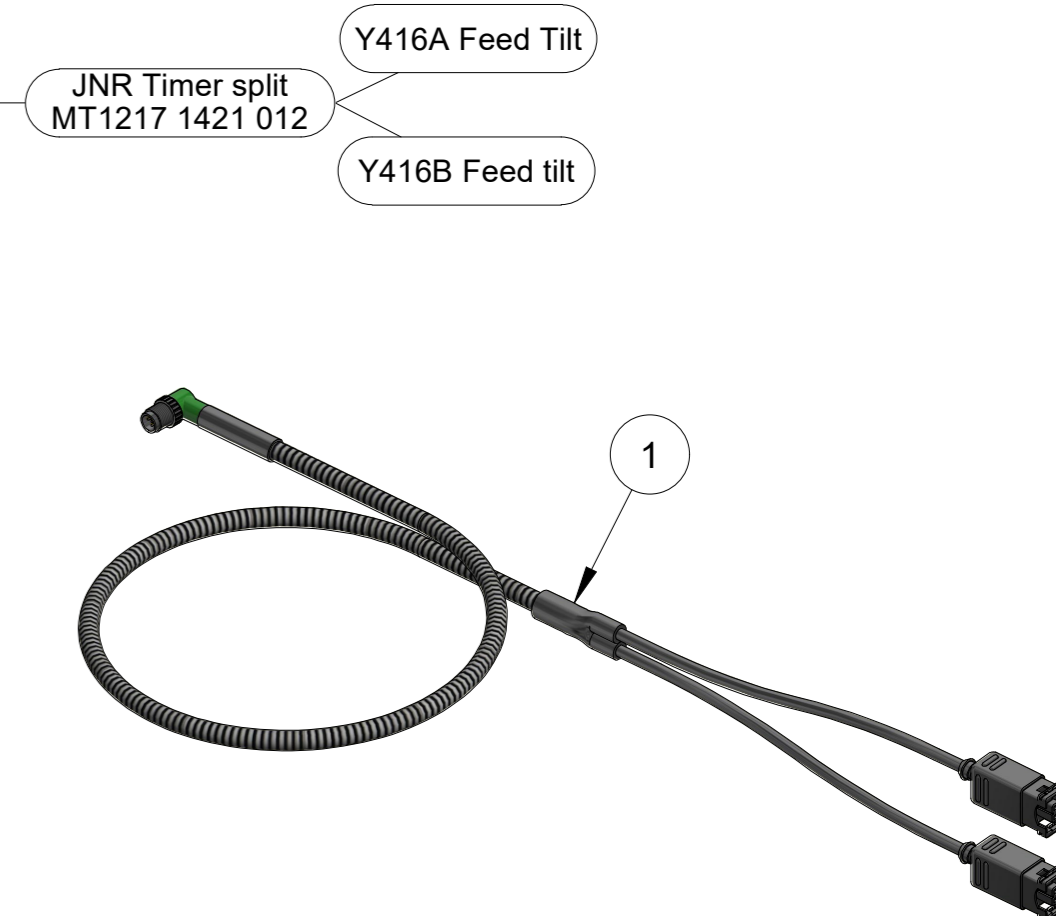
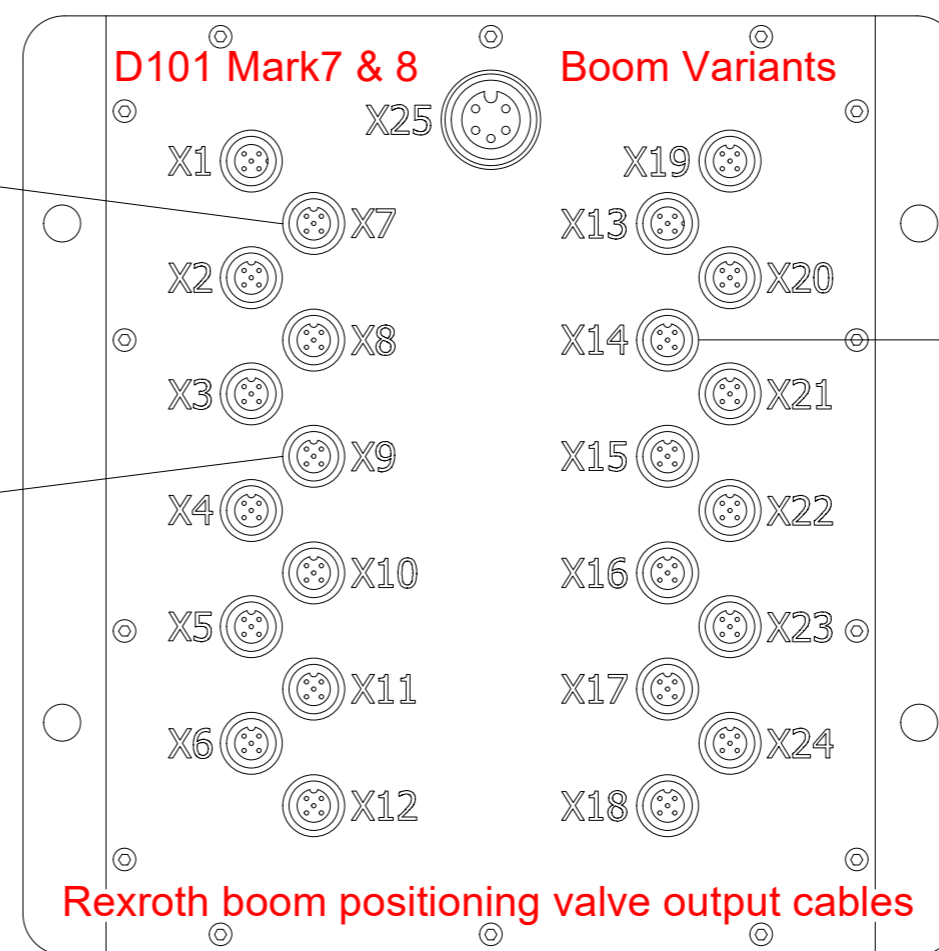
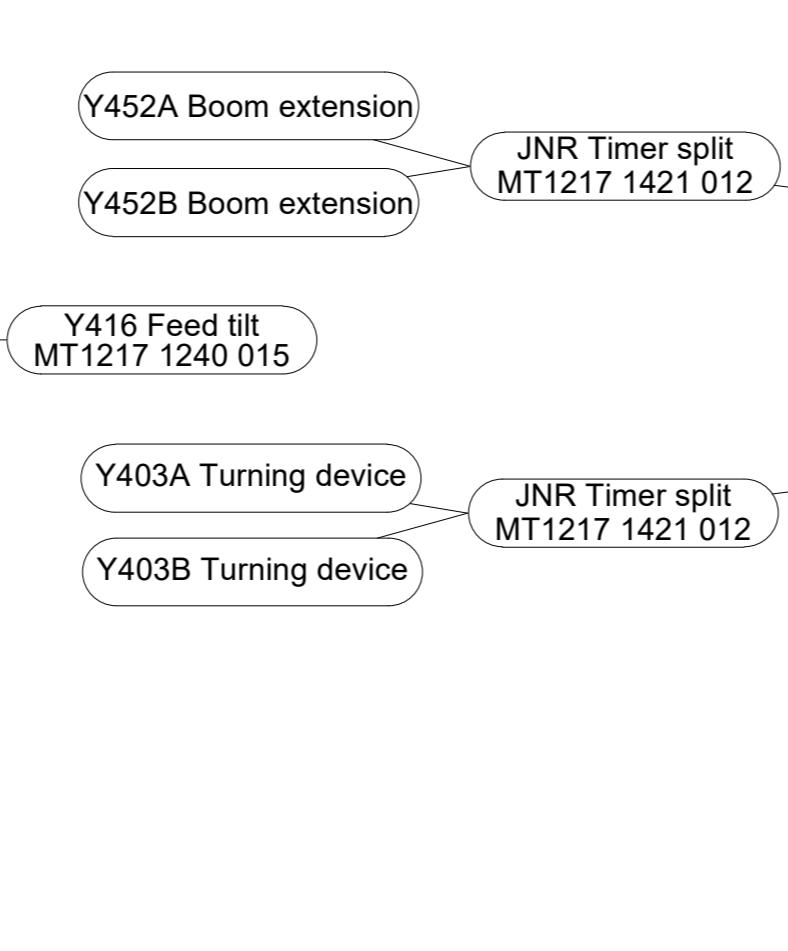
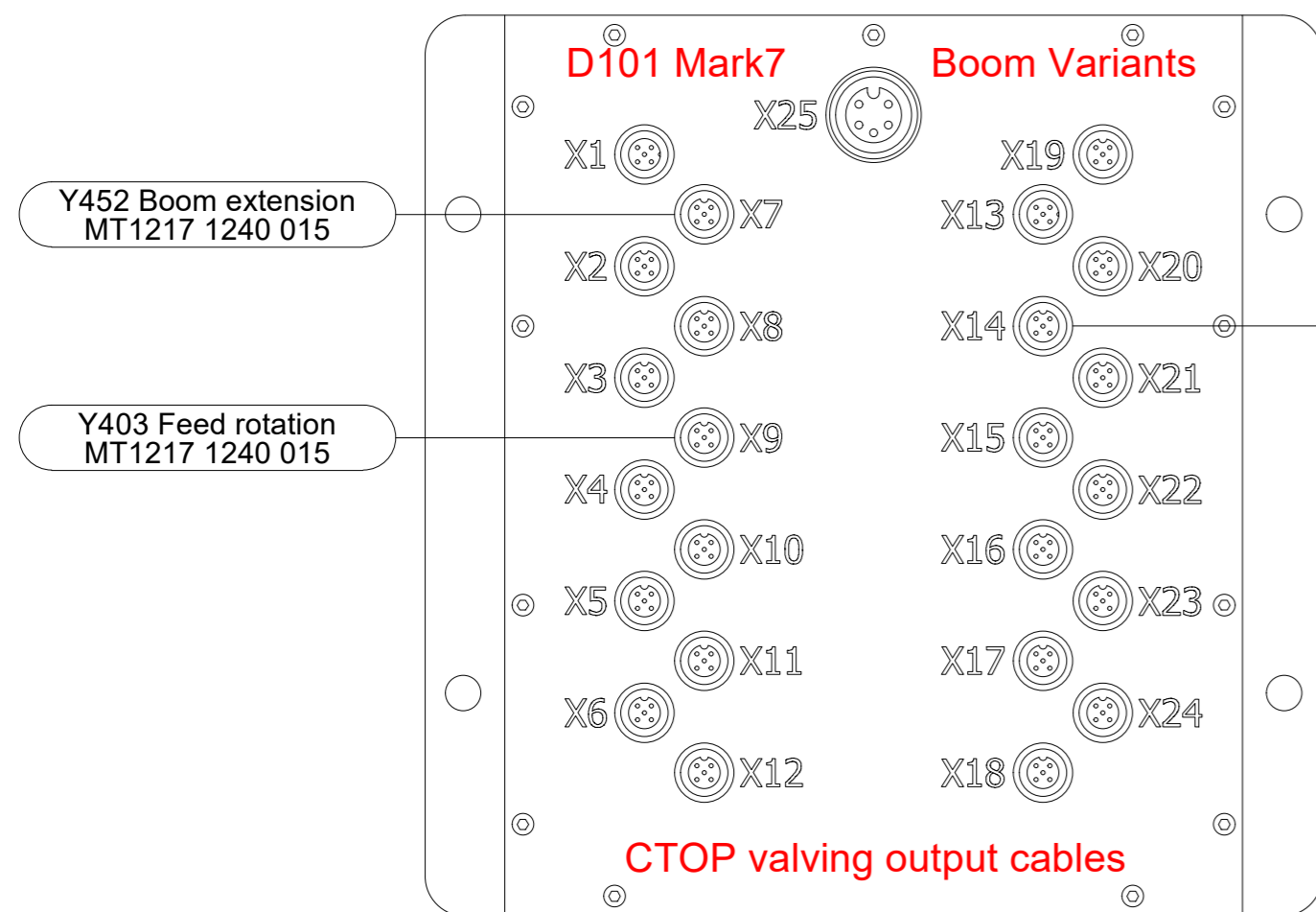


L6C Simba layout shown refer page 3.5 for variants



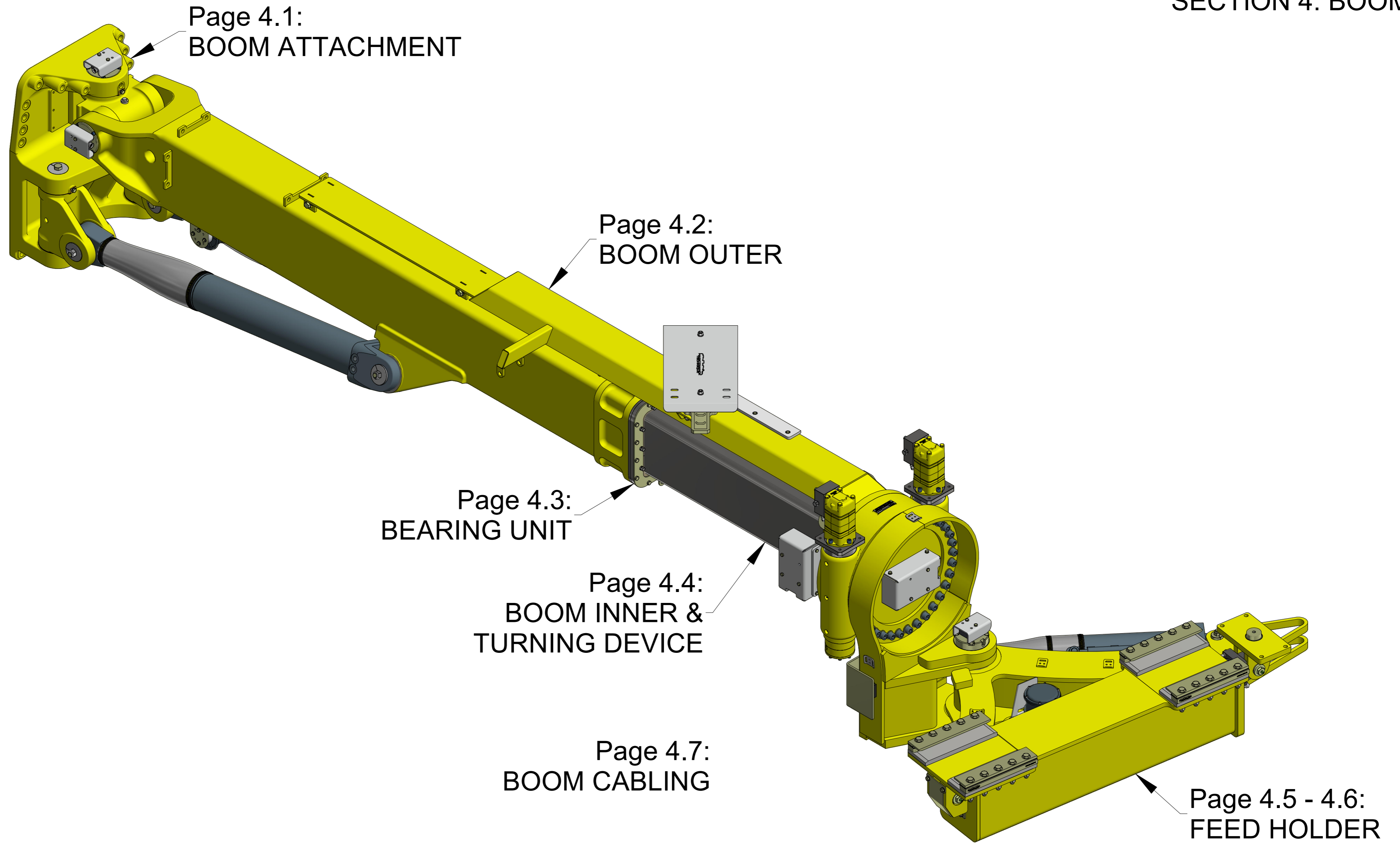
PART NUMBER	DESCRIPTION
	RCS4/RCS5 I/O CONNECTIONS
	
	
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ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3176 9996 19	FEED ROTATION CABLE		
2	MT9111 4095 71ES	RHS BOX HOOD LABEL SHEET - E SERIES		

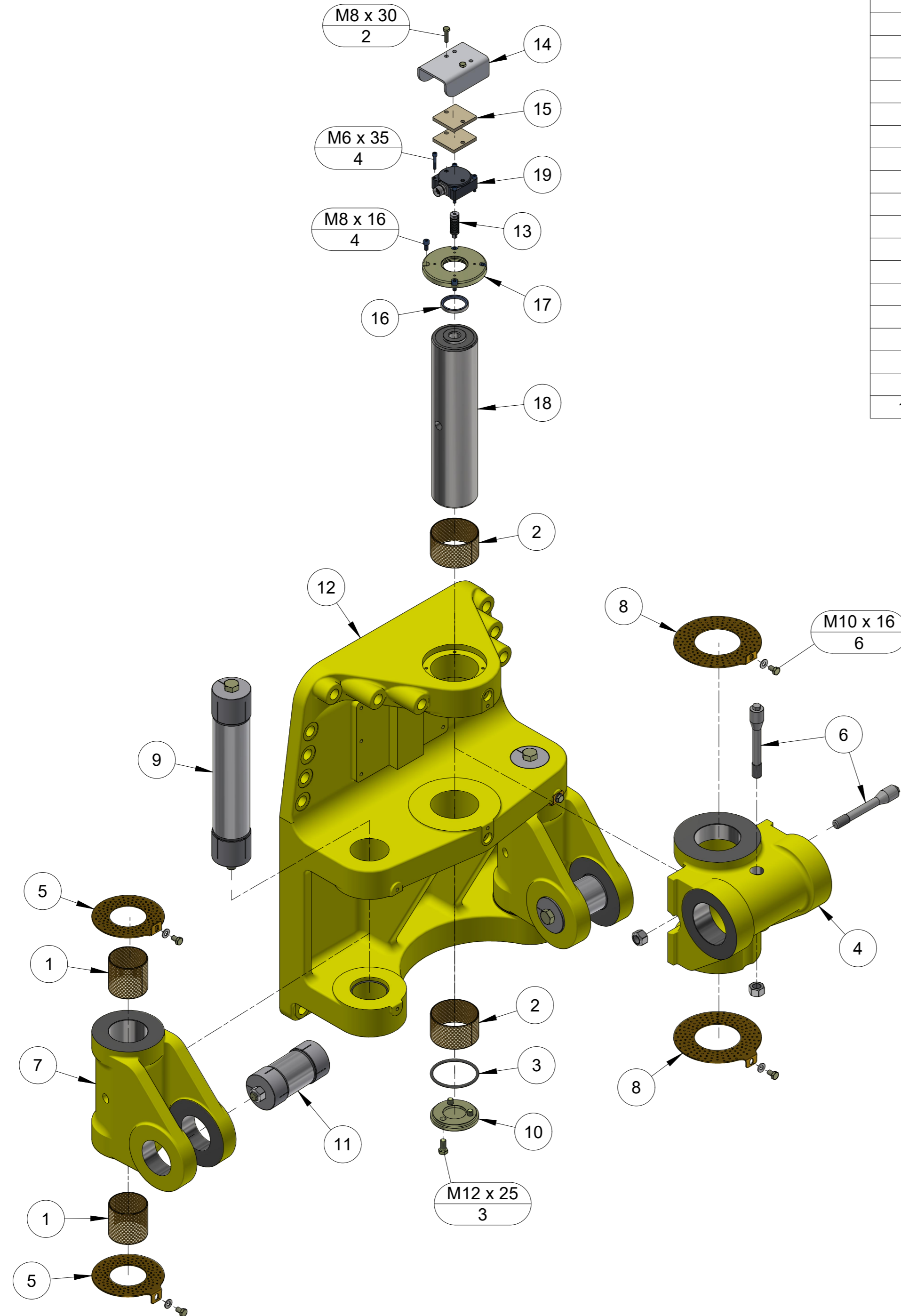


PART NUMBER	DESCRIPTION
	<b>E7/M7 BOOM VARIATIONS RCS4/RCS5 I/O CONNECTIONS</b>
UNDERGROUND DRILL RELIABILITY	
MT Parts: 0407 059 610 1 Haehy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <a href="http://www.mtunderground.com">www.mtunderground.com</a>	
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SECTION 4: BOOM



PART NUMBER	DESCRIPTION
MT3128 3235 00C	BOOM COMPLETE E7C
	MT Parts: 0407 059 610 1 Hahey Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <a href="http://www.mtunderground.com">www.mtunderground.com</a>
	

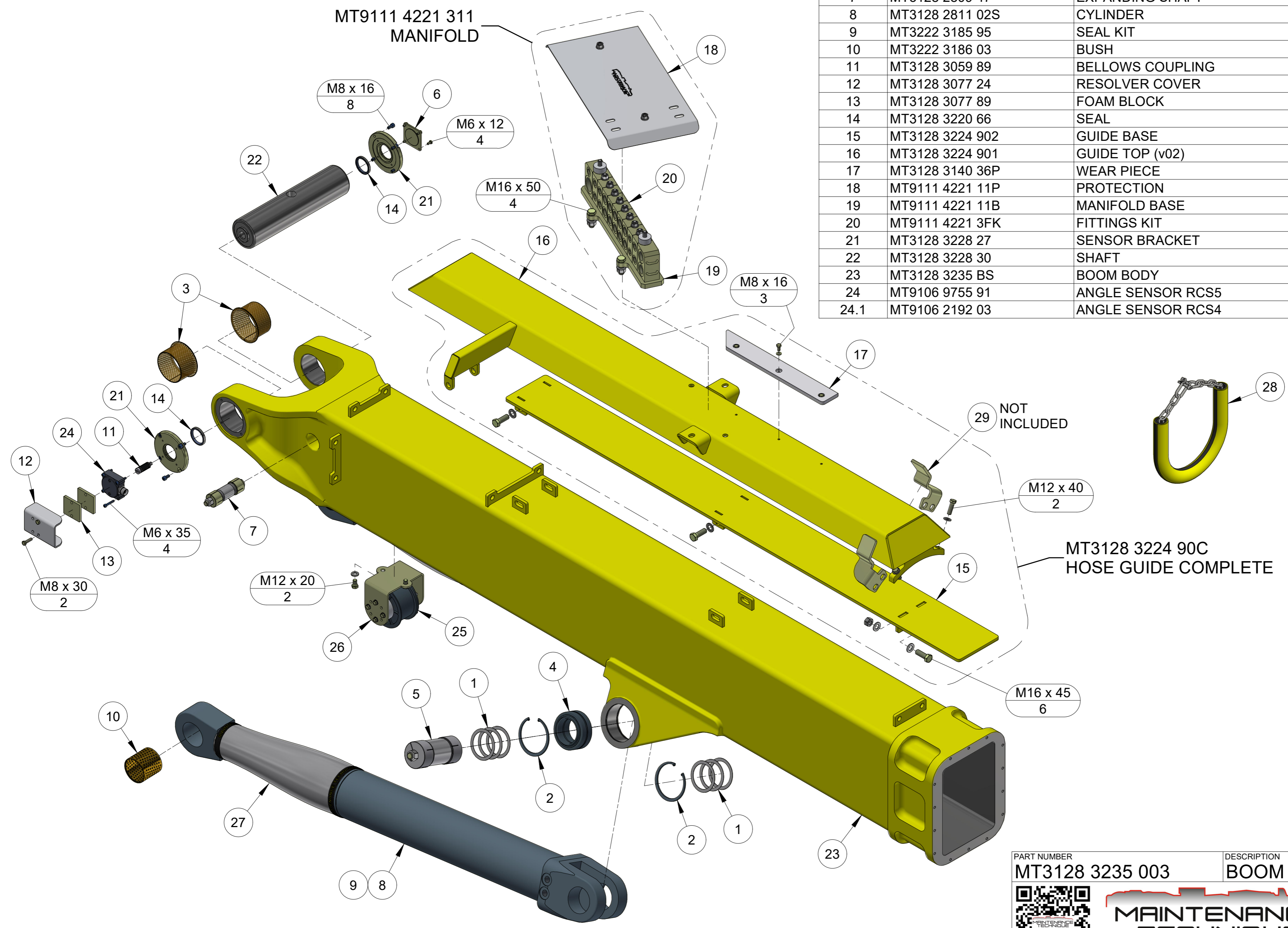




ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT0500 4500 17	PLAIN BEARING	4	
2	MT0500 4501 32	PLAIN BEARING	2	
3	MT0663 2146 00	O-RING	1	
4	MT3128 2808 10S	BOOM LINK BUT45	1	Service ex.
5	MT3128 2808 15	THRUST WASHER	4	
6	MT3128 2808 17	BOLT	2	
7	MT3128 2808 20S	LINK BUT45	2	Service ex.
8	MT3128 2808 22	THRUST WASHER	2	
9	MT3128 2808 25	EXPANDING SHAFT	2	
10	MT3128 2808 26	WASHER	1	
11	MT3128 2808 85	EXPANDING SHAFT	2	
12	MT3128 2811 95S	BOOM ATTACHMENT	1	Service ex.
13	MT3128 3059 89	BELLOWS COUPLING	1	
14	MT3128 3077 24	RESOLVER COVER	1	
15	MT3128 3077 89	FOAM BLOCK	2	
16	MT3128 3220 66	SEAL	1	
17	MT3128 3228 27	SENSOR BRACKET	1	
18	MT3128 3228 30	SHAFT	1	
19	MT9106 9755 91	ANGLE SENSOR RCS5	1	
19.1	MT9106 2192 03	ANGLE SENSOR RCS4		

PART NUMBER <b>MT3128 3235 002</b>	DESCRIPTION <b>BOOM ATTACHMENT E7C</b>
	
	<b>MT Parts: 0407 059 610</b> 1 Hahey Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <a href="http://www.mtunderground.com">www.mtunderground.com</a>
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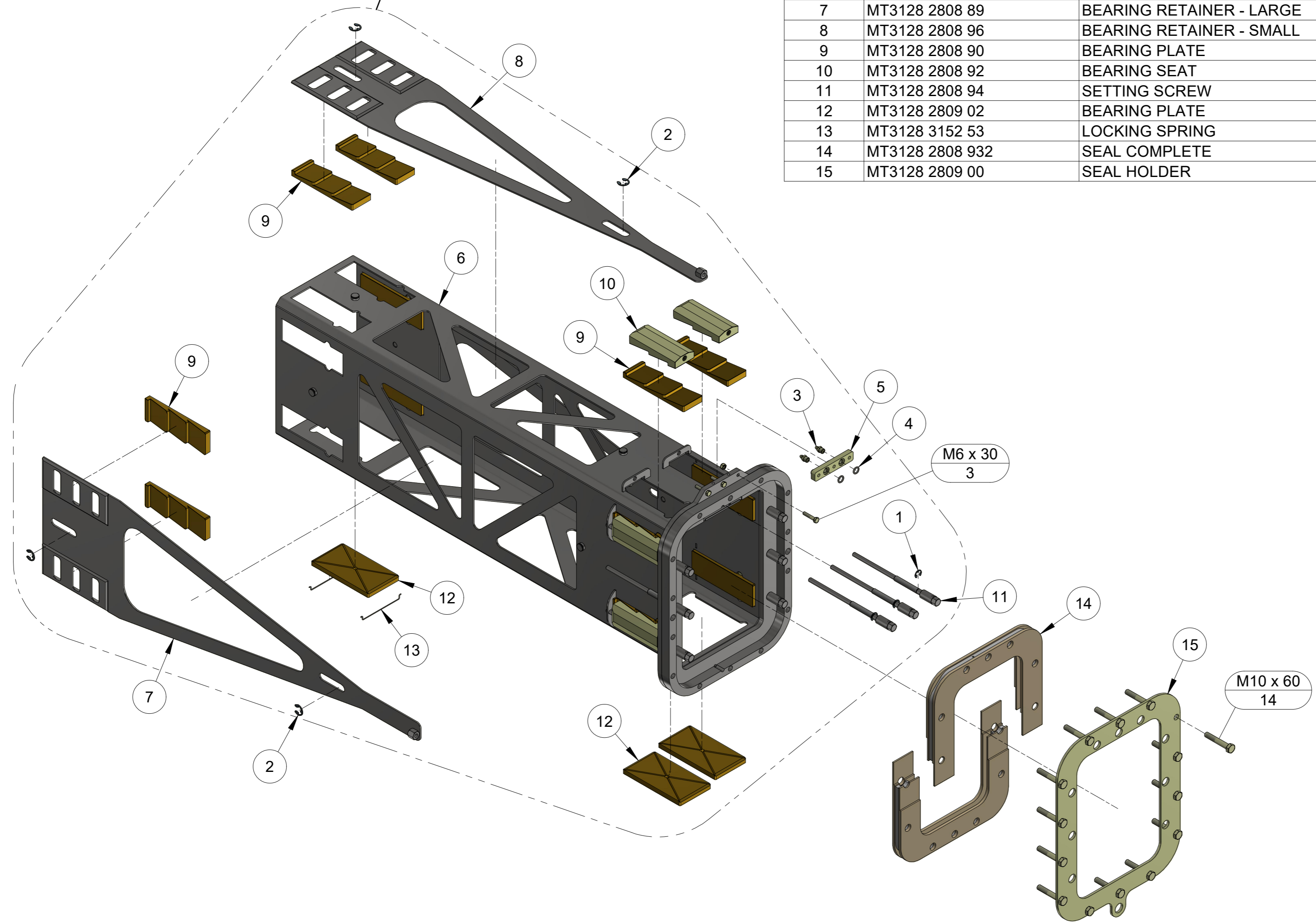
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
25	MT9106 2192 16	LINEAR SENSOR	1	
26	MT3128 2809 60	SENSOR BRACKET	1	
27	MT3128 2811 02P	CYLINDER COVER	2	
28	MT3128 3077 19CA	CHAIN RING ASSEMBLY	12	
29	MT3128 3224 906	WELD ON GUSSET		Optional, sold as a pair

ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT0324 1550 79	ADJUSTMENT WASHER	12	
2	MT0335 2176 00	CIRCLIP	4	
3	MT0500 4501 30	FLANGE BEARING	2	
4	MT0501 0000 39	SPHERICAL BEARING	2	
5	MT3128 2808 85	EXPANDING SHAFT	2	
6	MT3128 2809 03	COVER	1	
7	MT3128 2809 47	EXPANDING SHAFT	1	
8	MT3128 2811 02S	CYLINDER	2	Service ex.
9	MT3222 3185 95	SEAL KIT	2	
10	MT3222 3186 03	BUSH	2	
11	MT3128 3059 89	BELLOWS COUPLING	1	
12	MT3128 3077 24	RESOLVER COVER	1	
13	MT3128 3077 89	FOAM BLOCK	2	
14	MT3128 3220 66	SEAL	2	
15	MT3128 3224 902	GUIDE BASE	1	
16	MT3128 3224 901	GUIDE TOP (v02)	1	
17	MT3128 3140 36P	WEAR PIECE	1	
18	MT9111 4221 11P	PROTECTION	1	
19	MT9111 4221 11B	MANIFOLD BASE	1	
20	MT9111 4221 3FK	FITTINGS KIT	1	
21	MT3128 3228 27	SENSOR BRACKET	2	
22	MT3128 3228 30	SHAFT	1	
23	MT3128 3235 BS	BOOM BODY	1	Service ex.
24	MT9106 9755 91	ANGLE SENSOR RCS5	1	
24.1	MT9106 2192 03	ANGLE SENSOR RCS4		





PART NUMBER <b>MT3128 3235 003</b>	DESCRIPTION <b>BOOM OUTER E7C</b>
	<p>MT Parts: 0407 059 610          1 Haesy Circuit, Roseworthy S.A. 5371          171 Dugan Street, Kalgoorlie W.A. 6430</p> <p><a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a>  <a href="http://www.mtunderground.com">www.mtunderground.com</a></p>
 <p><b>MAINTENANCE TECHNIQUE</b> UNDERGROUND DRILL RELIABILITY</p>	
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MT3128 2808 82  
BEARING HOUSING ASSEMBLY

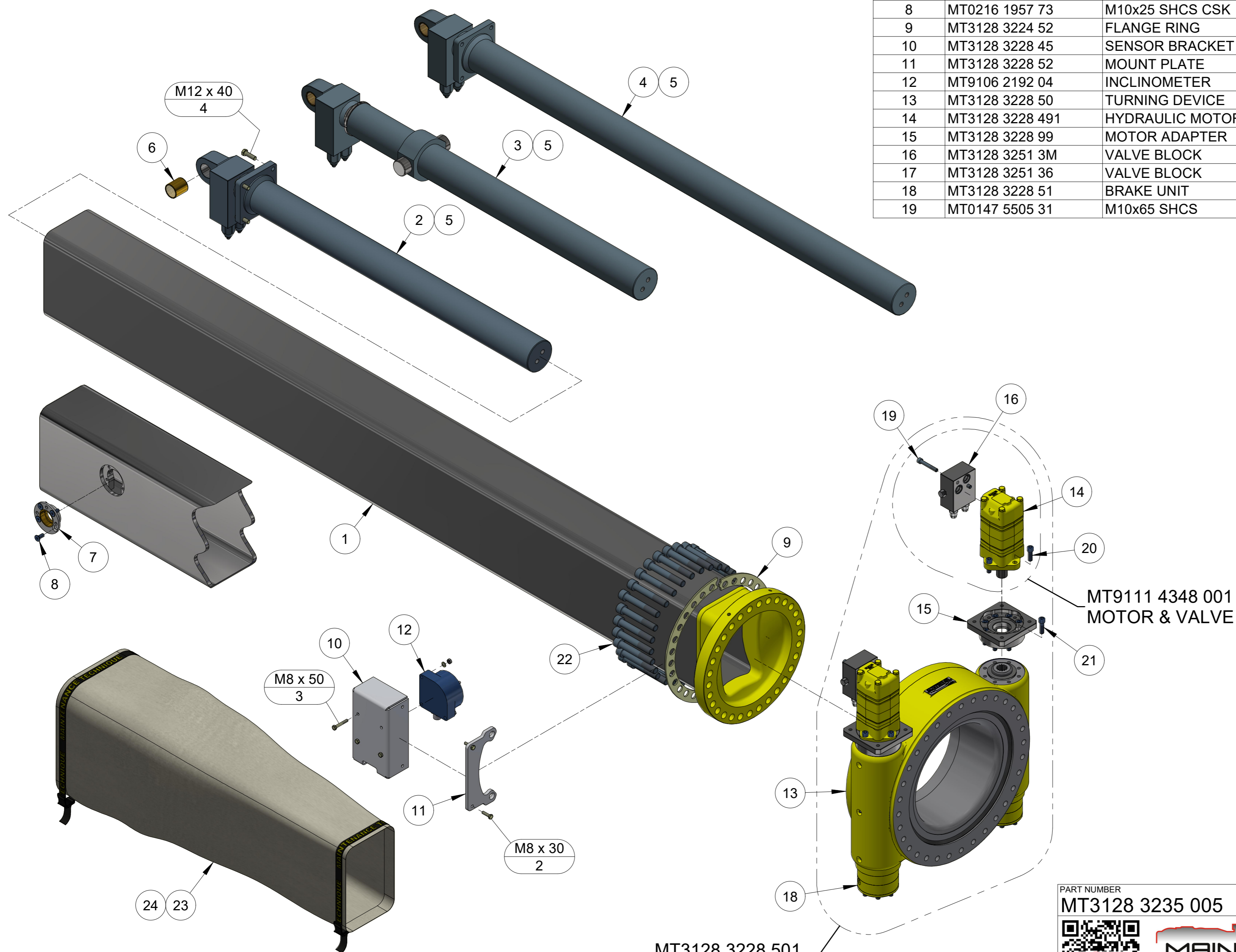


ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT0335 3110 00	RETAINING RING	9	
2	MT0335 3113 00	RETAINING RING	6	
3	MT0544 2162 00	1/8" BSP GREASE NIPPLE	2	
4	MT0663 2117 00	O-RING	2	
5	MT3128 2808 66	GREASE BLOCK	1	
6	MT3128 3211 56	BEARING FRAME	1	
7	MT3128 2808 89	BEARING RETAINER - LARGE	2	
8	MT3128 2808 96	BEARING RETAINER - SMALL	1	
9	MT3128 2808 90	BEARING PLATE	12	
10	MT3128 2808 92	BEARING SEAT	6	
11	MT3128 2808 94	SETTING SCREW	9	
12	MT3128 2809 02	BEARING PLATE	3	
13	MT3128 3152 53	LOCKING SPRING	2	
14	MT3128 2808 932	SEAL COMPLETE	1	
15	MT3128 2809 00	SEAL HOLDER	1	

PART NUMBER <b>MT3128 3235 004</b>	DESCRIPTION <b>BEARING UNIT E7C</b>
	<p>MT Parts: 0407 059 610 1 Hahey Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430</p> <p><a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> PAGE <a href="http://www.mtunderground.com">www.mtunderground.com</a> <b>4.3</b></p>
 <p><b>MAINTENANCE TECHNIQUE</b> UNDERGROUND DRILL RELIABILITY</p>	

ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
19.1	MT0211 5295 00	3/8x21/2 UNC SHCS		OEM hydraulic motor only
20	MT0211 1402 03	M12x35 SHCS	8	
21	MT0211 1962 94	M12x40 SHCS	16	
22	MT0211 1102 98	M20x130 SHCS	30	
23	MT3128 3235 010	ZOOM COVER	1	E7 - 1.0m
24	MT3128 3235 015	ZOOM COVER		ME7 - 1.6m

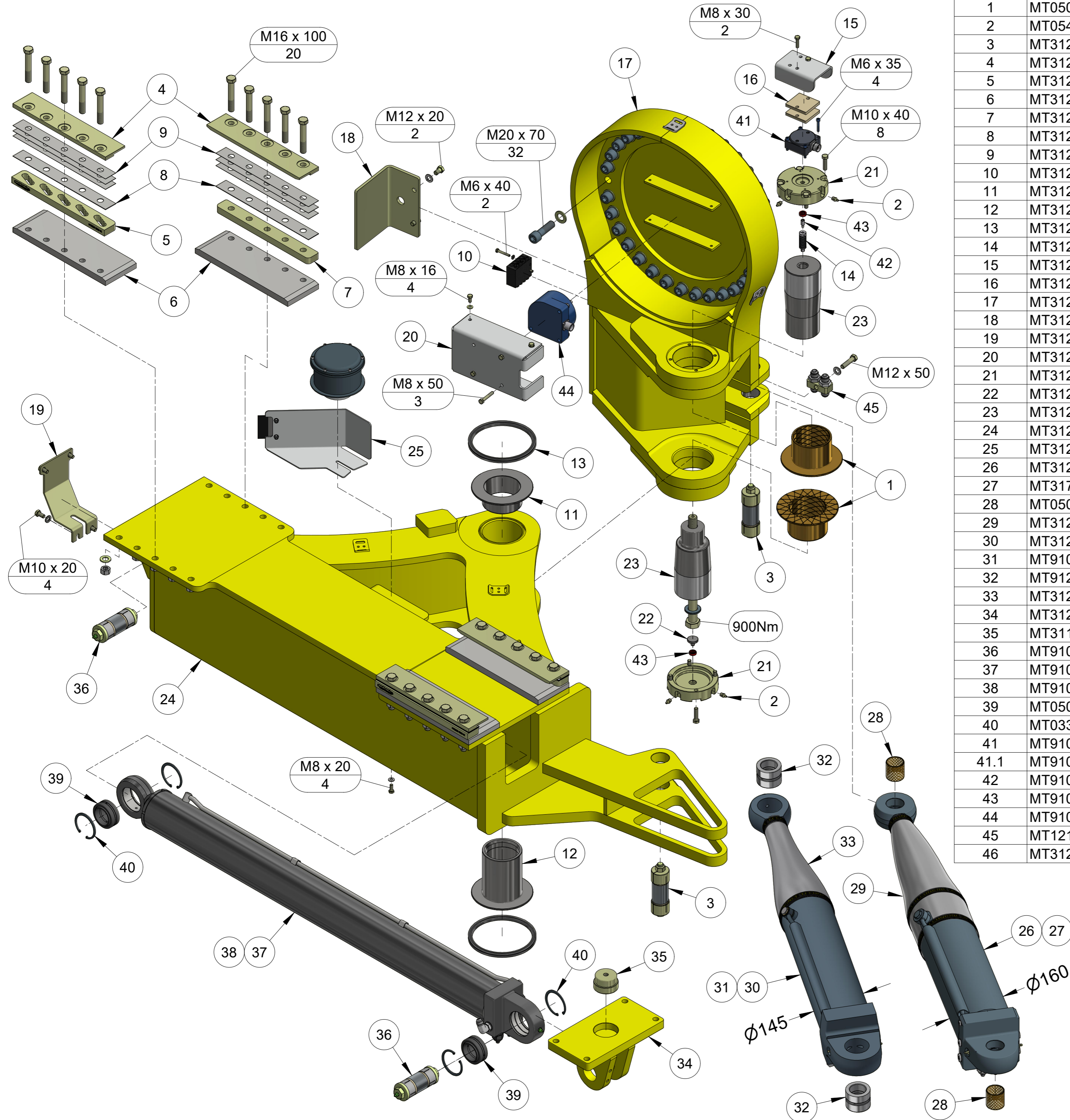
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT3128 3224 11S	EXTENSION TUBE	1	Service ex.
2	MT3128 3224 21S	BOOM EXTENSION CYLINDER	1	E7 - 1.0m Service ex.
3	MT3128 3268 06	BOOM EXTENSION CYLINDER		E7 - 1.0m Service ex.
4	MT3128 3224 18S	BOOM EXTENSION CYLINDER		ME7 - 1.6m Service ex.
5	MT3222 3185 72	SEAL KIT	1	
6	MT3222 3185 73	BUSH	1	
7	MT3128 3268 08	ZOOM BUSH	2	
8	MT0216 1957 73	M10x25 SHCS CSK	8	
9	MT3128 3224 52	FLANGE RING	2	
10	MT3128 3228 45	SENSOR BRACKET	1	
11	MT3128 3228 52	MOUNT PLATE	1	
12	MT9106 2192 04	INCLINOMETER	1	
13	MT3128 3228 50	TURNING DEVICE	1	
14	MT3128 3228 491	HYDRAULIC MOTOR	2	Requires MT valve block & adapter
15	MT3128 3228 99	MOTOR ADAPTER	2	Required to fit MT motor
16	MT3128 3251 3M	VALVE BLOCK	2	MT hydraulic motor only
17	MT3128 3251 36	VALVE BLOCK		OEM hydraulic motor only
18	MT3128 3228 51	BRAKE UNIT	2	
19	MT0147 5505 31	M10x65 SHCS	4	MT hydraulic motor only



MT9111 4348 001  
MOTOR & VALVE

MT3128 3228 501  
TURNING DEVICE COMPLETE

PART NUMBER <b>MT3128 3235 005</b>	DESCRIPTION <b>BOOM INNER E7C</b>
	
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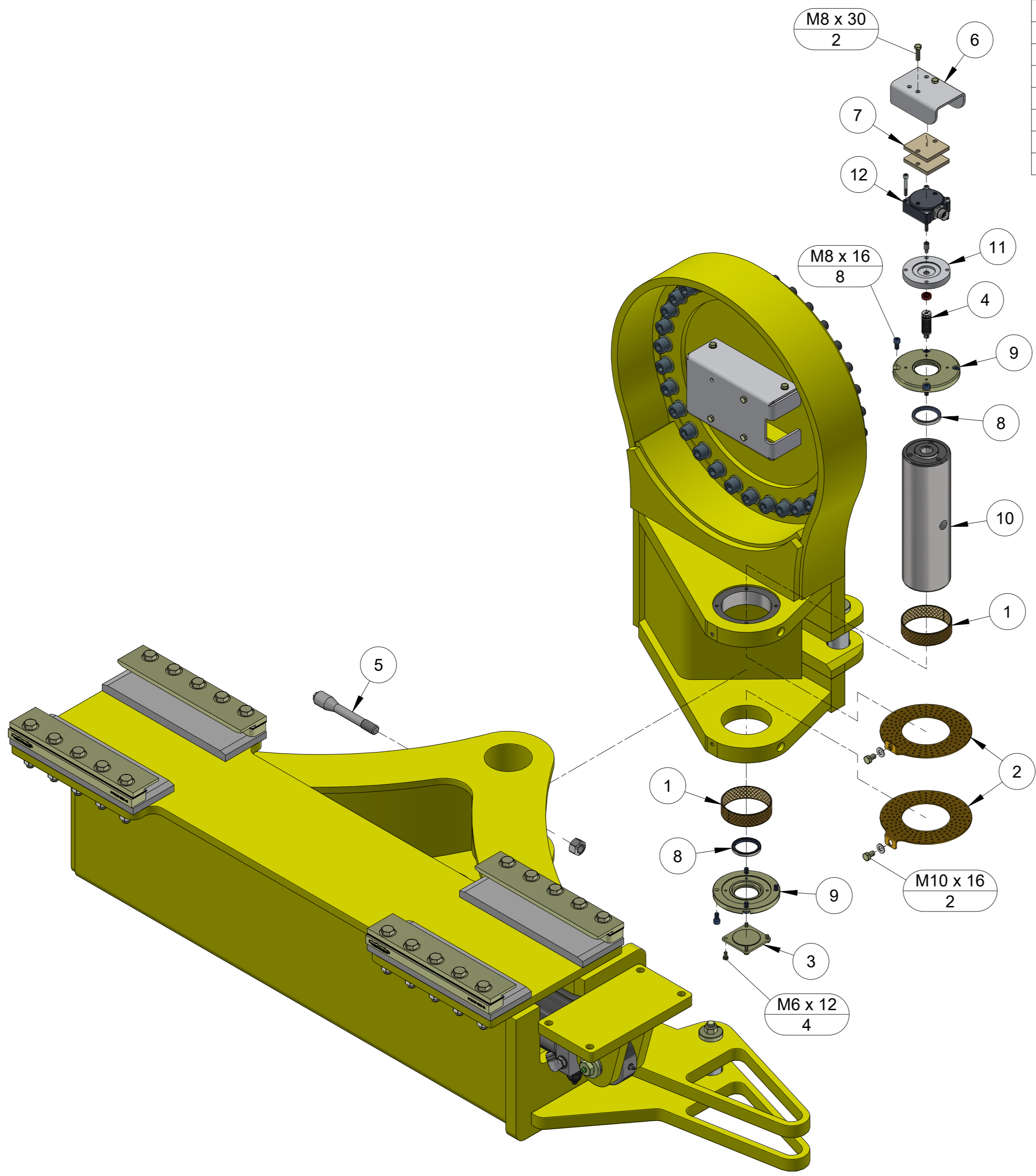
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT0500 4501 380	FLANGE BEARING	2	*
2	MT0544 2162 00	GREASE NIPPLE	4	*
3	MT3125 1982 80	EXPANDING SHAFT	2	
4	MT3128 0031 36	CLAMP	4	
5	MT3128 0553 01	GUIDE STRIP	2	
6	MT3128 0554 02	WEAR PLATE	4	
7	MT3128 0556 01	GUIDE STRIP	2	
8	MT3128 0557 00	SHIM 1.5mm	4	
9	MT3128 0558 00	SHIM	12	
10	MT3128 2538 03	GREASE DIST. BLOCK	1	8 port
11	MT3128 2808 220	TAPER BUSH UPPER	1	*
12	MT3128 2808 221	TAPER BUSH LOWER	1	*
13	MT3128 2808 222	SEAL	2	*
14	MT3128 3059 89	BELLOWS COUPLING	1	*
15	MT3128 3077 24	RESOLVER COVER	1	*
16	MT3128 3077 89	FOAM BLOCK	2	*
17	MT3128 3224 61S	BRACKET	1	* Service ex.
18	MT3128 3224 610	GREASE BLOCK COVER	1	*
19	MT3128 3224 70	COVER PLATE	1	
20	MT3128 3228 45	SENSOR BRACKET	1	
21	MT3128 3228 270	SENSOR BRACKET	2	*
22	MT3128 3228 271	PLUG	1	*
23	MT3128 3229 000	SHAFT	1	*
24	MT3128 3224 63S	FEED HOLDER	1	* Service ex.
25	MT3128 3235 020	WIRE REEL COVER	1	
26	MT3128 3246 02S	TILT CYLINDER	1	E7 - Ø160 Service ex.
27	MT3177 0003 34	SEAL KIT	1	
28	MT0500 4500 54	BUSHING	2	
29	MT3128 3246 02P	CYLINDER COVER	1	
30	MT3128 3168 82S	TILT CYLINDER		M7 - Ø145 Service ex.
31	MT9106 1909 53	SEAL KIT		
32	MT9128 7344 00	BUSHING		
33	MT3128 3168 82MP	CYLINDER COVER		
34	MT3128 0032 28	CYLINDER BRACKET	1	
35	MT3115 0711 00	DRIVER	1	
36	MT9106 2023 13	EXPANDING SHAFT	2	
37	MT9106 2023 14S	HYDRAULIC CYLINDER	1	Service ex.
38	MT9106 2023 14SK	SEAL KIT	1	
39	MT0501 0000 08	SPHERICAL BEARING	2	
40	MT0335 2158 00	CIRCLIP	4	
41	MT9106 9755 91	ANGLE SENSOR RCS5	1	*
41.1	MT9106 2192 03	ANGLE SENSOR RCS4		
42	MT9106 2192 03S	EXTENSION SHAFT	1	*
43	MT9106 2192 03V	LIP SEAL	2	*
44	MT9106 2192 04	INCLINOMETER	1	
45	MT1214 14	BULKHEAD COMPLETE 7/8	1	
46	MT3128 3235 00R	FEED HOLDER COMPLETE	1	Includes*



NOTE: ITEMS 17 & 24 REQUIRE MODIFICATION FOR MT TAPER/SPLIT SHAFT UPGRADE

PART NUMBER <b>MT3128 3235 006</b>	DESCRIPTION <b>MT FEED HOLDER ASSEMBLY E7C</b>
MT Parts: 0407 059 610 1 Haehy Circuit, Roseworthy S.A. 5371 171 Dugan Street, Kalgoorlie W.A. 6430 <a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a> <a href="http://www.mtunderground.com">www.mtunderground.com</a>	
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ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1	MT0500 4501 38	PLAIN BEARING	2	
2	MT3128 2808 22	THRUST WASHER	2	
3	MT3128 2809 03	COVER	1	
4	MT3128 3059 89	BELLOWS COUPLING	1	
5	MT3128 3069 53	BOLT	1	Includes M20 nut
6	MT3128 3077 24	RESOLVER COVER	1	
7	MT3128 3077 89	FOAM BLOCK	2	
8	MT3128 3220 66	SEAL	2	
9	MT3128 3228 27	SENSOR BRACKET	2	
10	MT3128 3229 00	SHAFT	1	
11	MT9772 0115 16	RESOLVER SEAL KIT	1	Inc. 4 x M6x45 S/S SHCS
12	MT9106 9755 91	ANGLE SENSOR RCS5	1	
12.1	MT9106 2192 03	ANGLE SENSOR RCS4		

REFER PAGE 4.5 FOR ITEMS NOT LISTED ABOVE



PART NUMBER <b>MT3128 3235 007</b>	DESCRIPTION <b>OEM FEED HOLDER E7C</b>
	<p>MT Parts: 0407 059 610          1 Haehy Circuit, Roseworthy S.A. 5371          171 Dugan Street, Kalgoorlie W.A. 6430</p> <p><a href="mailto:parts@mtunderground.com">parts@mtunderground.com</a>  <a href="http://www.mtunderground.com">www.mtunderground.com</a></p>
 <p><b>MAINTENANCE TECHNIQUE</b>          UNDERGROUND DRILL RELIABILITY</p>	
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