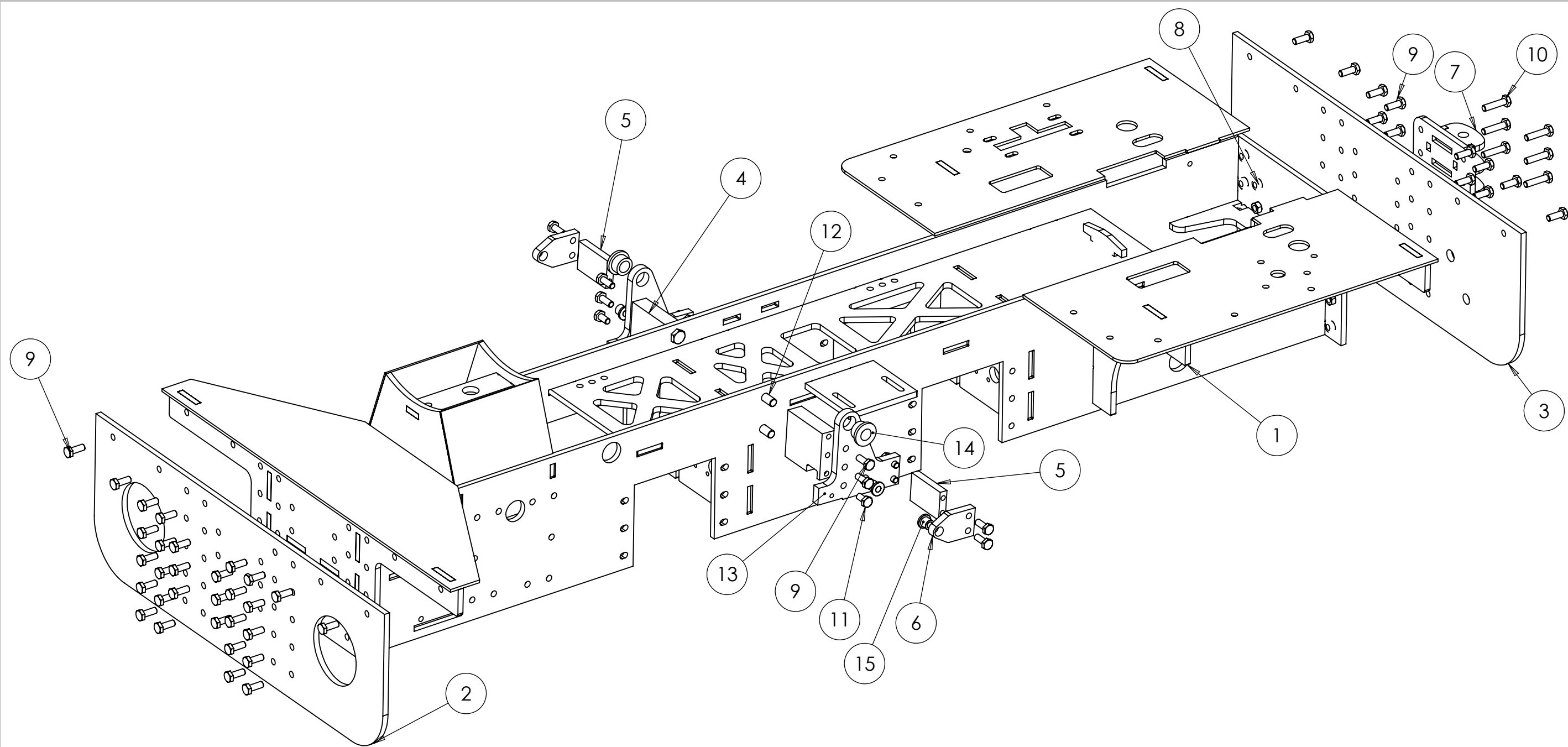
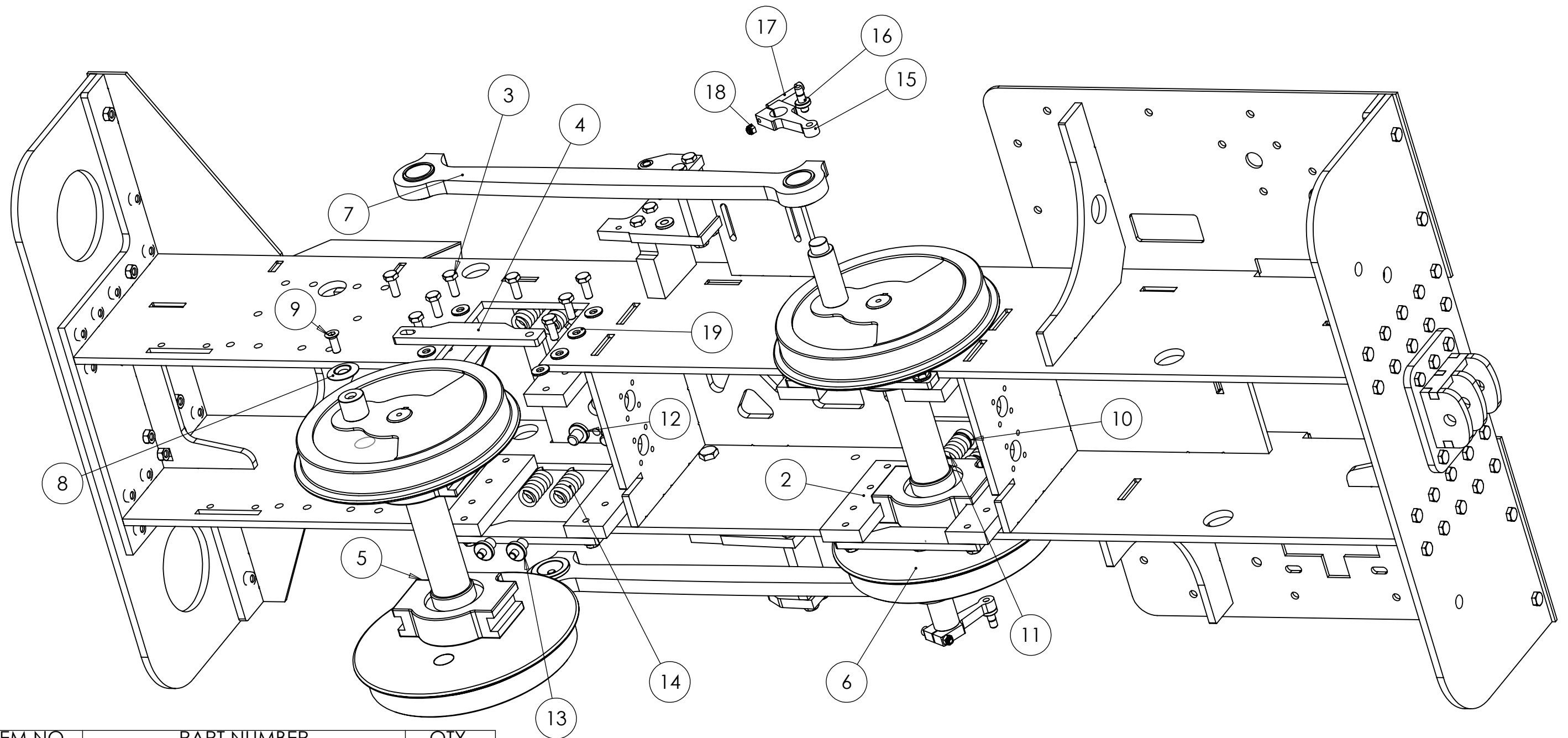




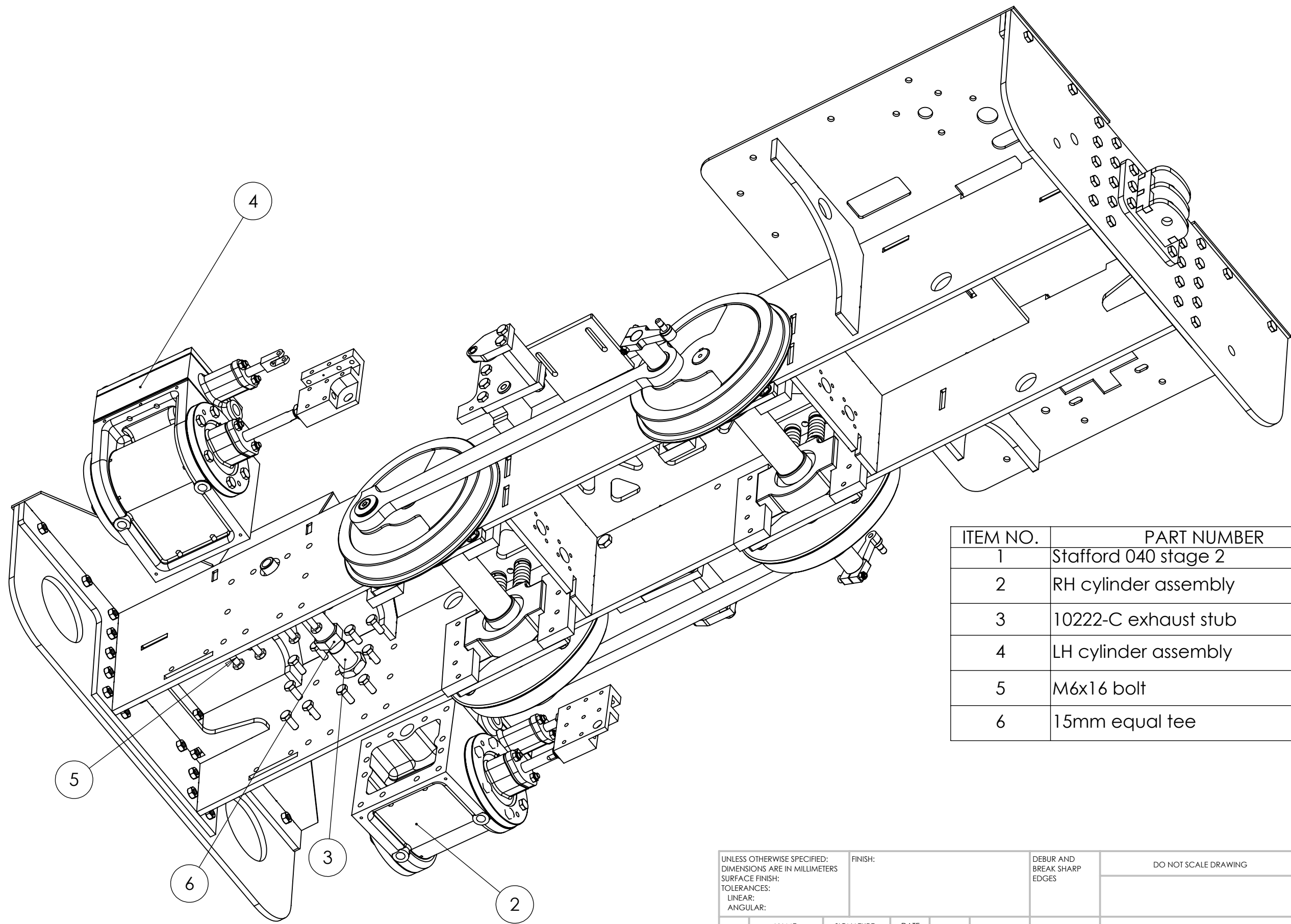
ITEM NO.	PART NUMBER	QTY.
1	Stafford 040 chassis	1
2	10010-C front buffer beam	1
3	10011-E rear buffer beam	1
4	10452-B motion block	2
5	10042-C motion bracket rear plate	2
6	10043-D motion bracket outer	2
7	coupling	1
8	M6 nut	60
9	M6x16 bolt	66
10	M6x25 bolt	6
11	M6x12 bolt	2
12	M8x20 bolt	4
13	10049-H motion bracket inner	2
14	12 x 15 x 12 flanged Oilite bush	2
15	6 x 10 x 10 flanged Oilite bush	4
16	Loctite 243 50ml	1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN		NAME		SIGNATURE		DATE		TITLE:	
CHK'D								Stafford 0-4-0 Stage 1 assembly	
APPV'D									
MFG									
Q.A									
						MATERIAL:		DWG NO.	
								A3	
						WEIGHT:		SCALE:1:10	
								SHEET 1 OF 1	



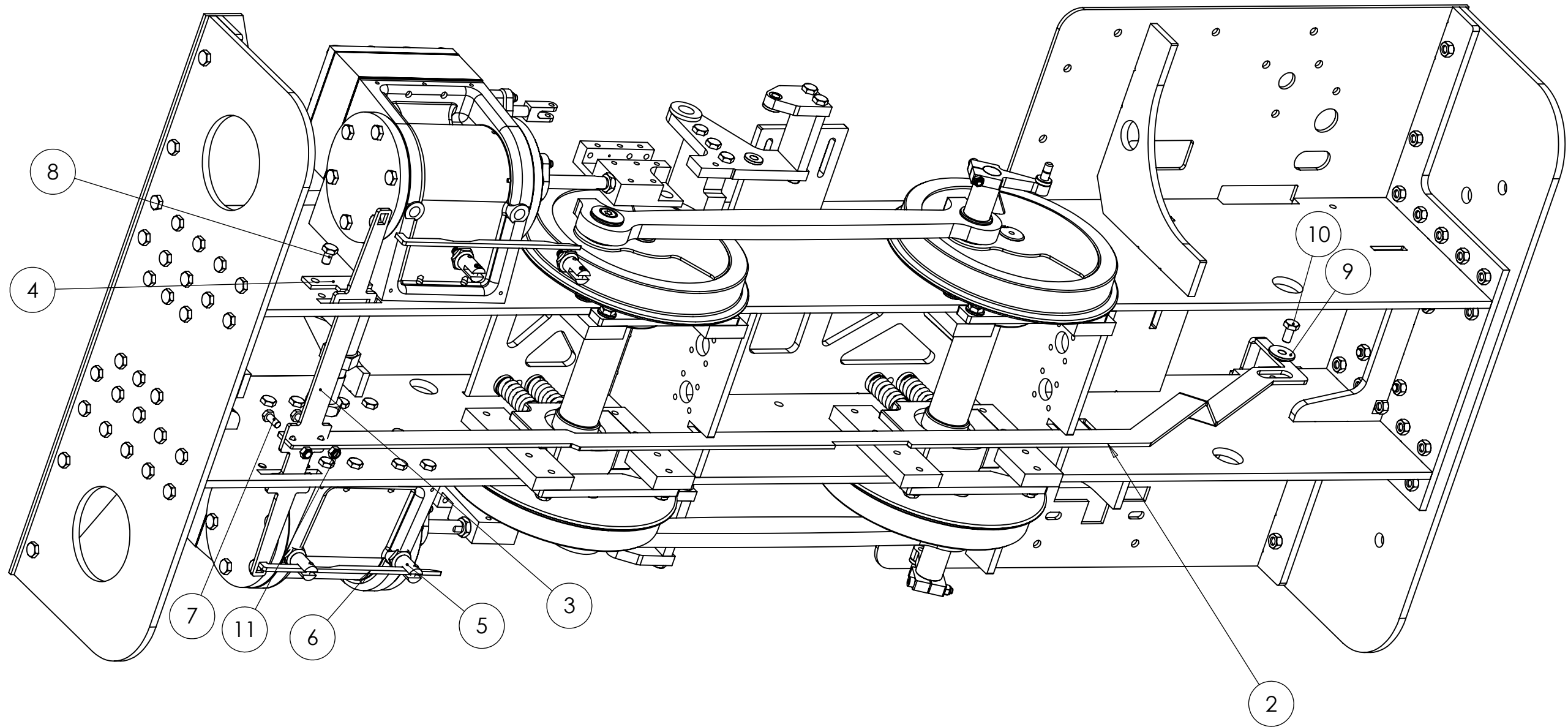
ITEM NO.	PART NUMBER	QTY.
1	Stafford 040 stage 1	1
2	10033-B horn block	8
3	M6x16 bolt	32
4	10034-C horn stay	4
5	leading wheelset	1
6	trailing wheelset	1
7	coupling rod	2
8	10066-E Coupling rod retainer	2
9	M6x16 csk bolt	2
10	10524-A rear top spring platform	4
11	10032-C rear spring platform	4
12	10525-A Front Top Spring Platform	4
13	10045-C front spring platform	4
14	axlebox spring LC120HH04M	8
15	10103-D return crank	2
16	10104-B return crank pin	2
17	M4x30 cap head screw	2
18	M4 nyloc nut	2
19	M6 washer	32

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN				NAME		SIGNATURE		DATE		TITLE:	
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APPV'D											
MFG											
Q.A											
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										A3	



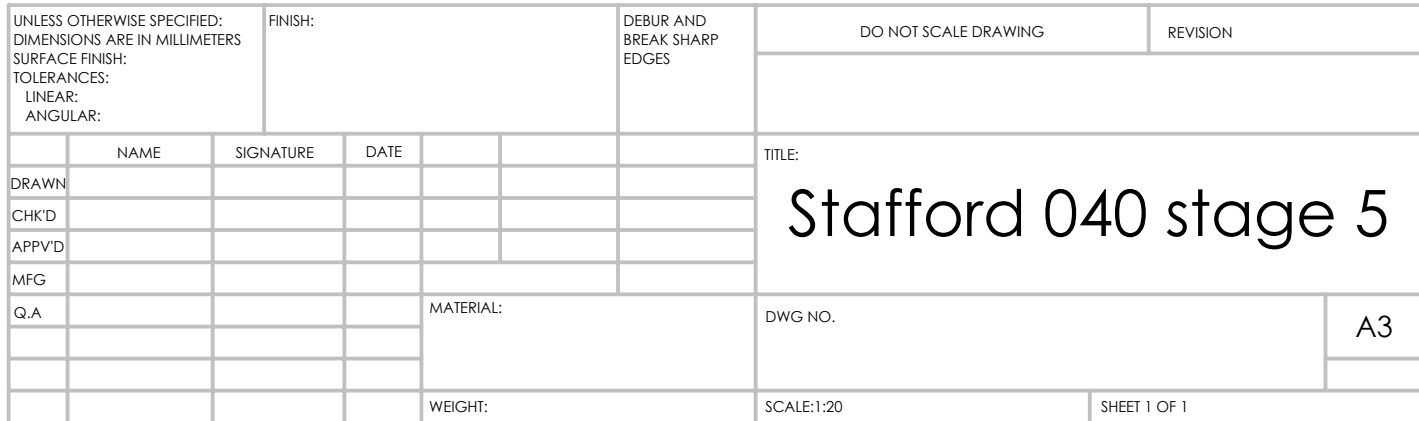
ITEM NO.	PART NUMBER	QTY.
1	Stafford 040 stage 2	1
2	RH cylinder assembly	1
3	10222-C exhaust stub	2
4	LH cylinder assembly	1
5	M6x16 bolt	20
6	15mm equal tee	1

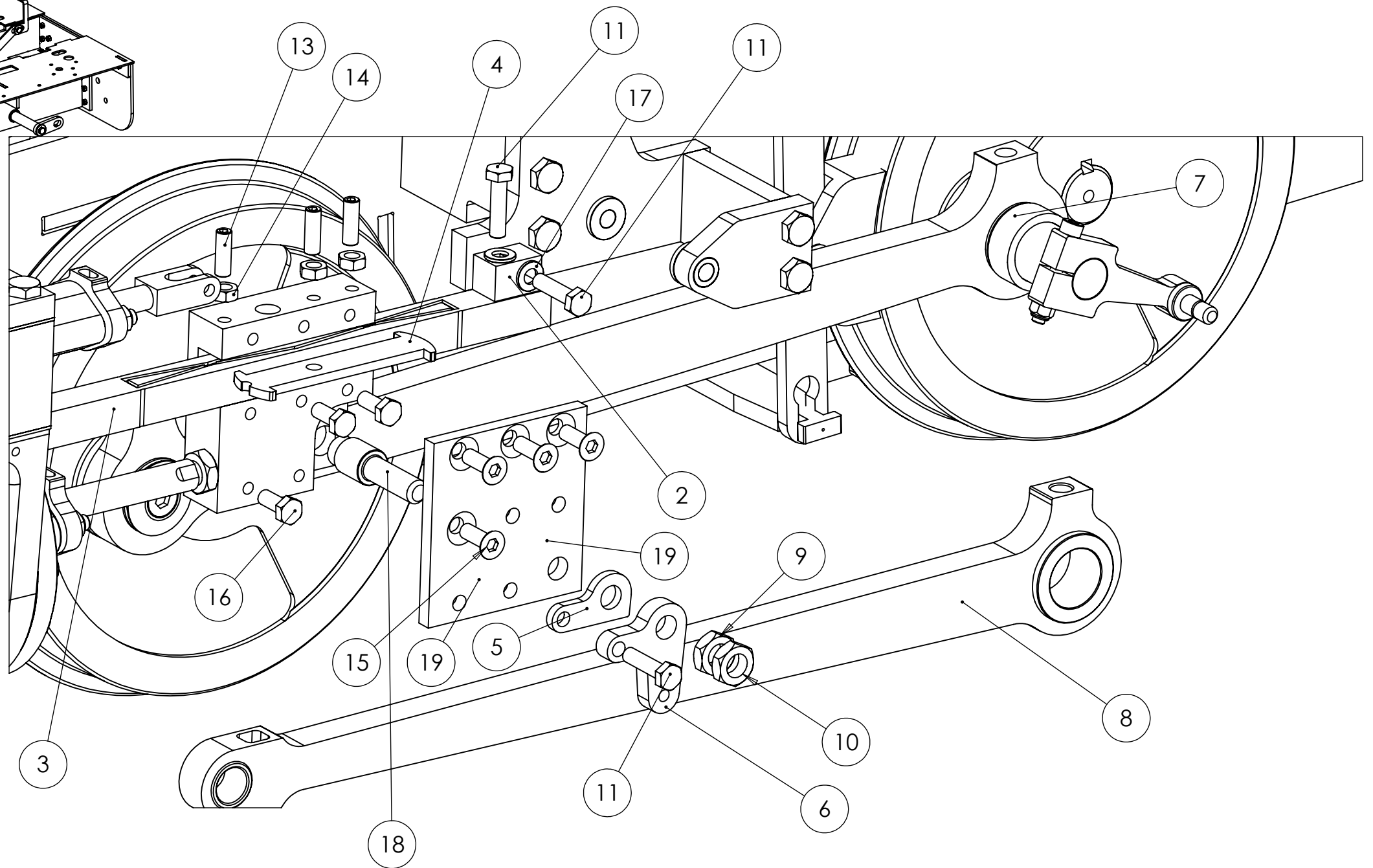
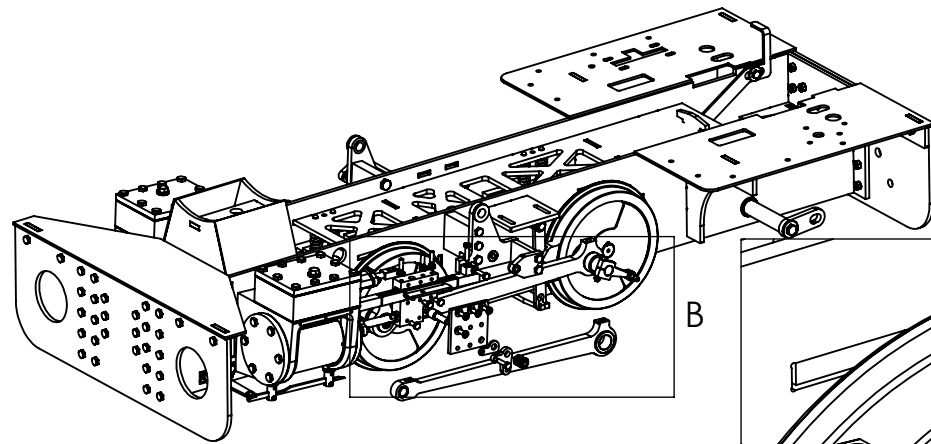
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DRAWN				NAME		SIGNATURE		DATE		TITLE: Stafford 040 stage 3	
CHK'D											
APPV'D											
MFG											
Q.A											
								MATERIAL:		DWG NO.	
										A3	
								WEIGHT:		SCALE:1:10	
										SHEET 1 OF 1	



ITEM NO.	PART NUMBER	QTY.
1	Stafford 040 stage 3	1
2	10185-G drain cock operating rod	1
3	10184-D drain cock cross shaft	1
4	10460-D drain cock bar retainer	2
5	drain cock	4
6	10440-E draincock operating bar	2
7	M5x12 bolt	2
8	M6x10 bolt	4
9	10526-A drain cock rod retaining bush	1
10	M6x12 bolt	1
11	M5 nyloc nut	2

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
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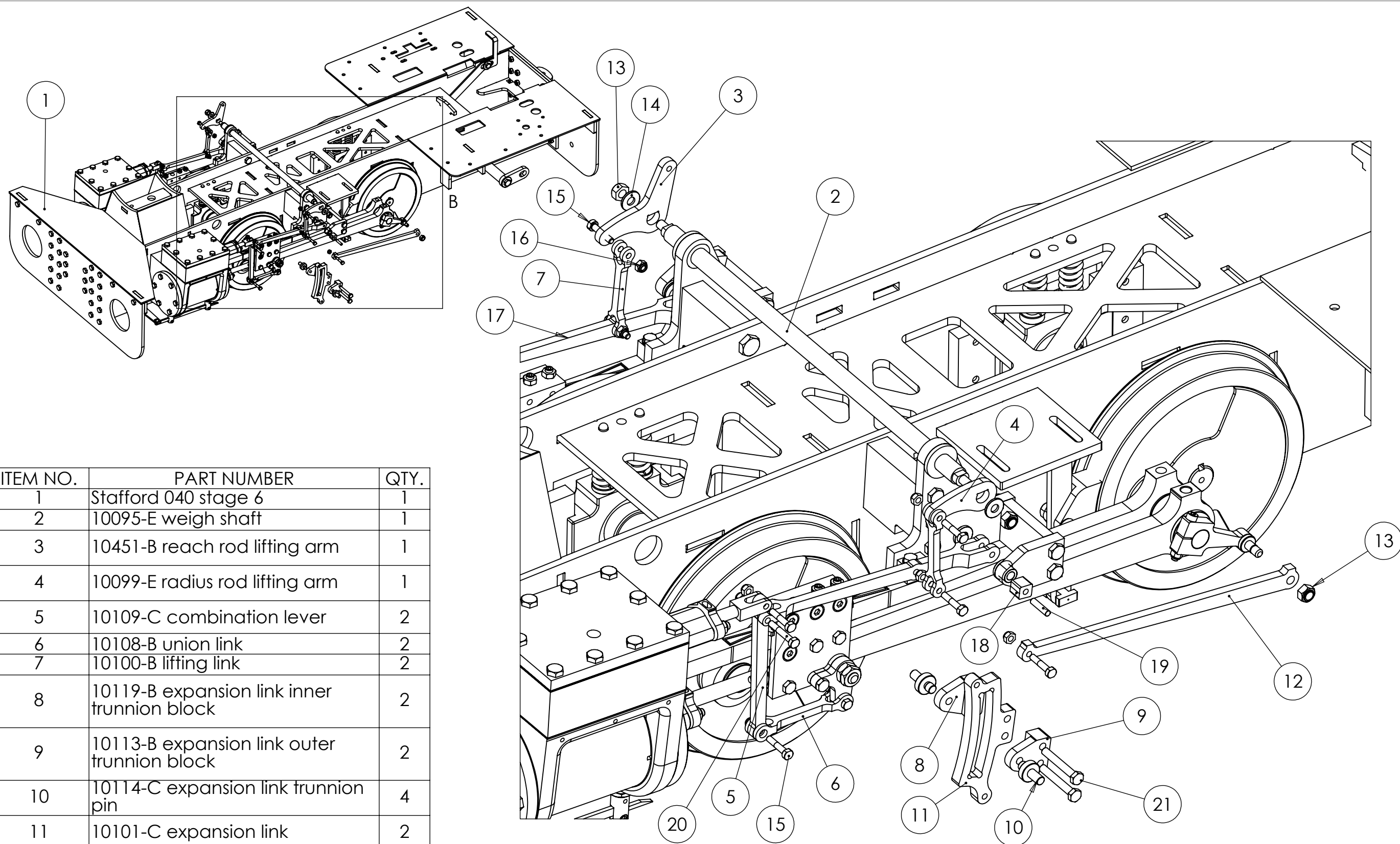




ITEM NO.	PART NUMBER	QTY.
1	Stafford 040 stage 5	1
2	10083-A guide bar mounting block	2
3	10082-F guide bar	2
4	10072-D crosshead slipper	2
5	10471-A drop link inner	2
6	10472-A drop link outer	2
7	10431-A coupling rod spacer	2
8	LH connecting rod	1
9	M8 nut	2
10	M8 half nut	2
11	M5x20 bolt	8
12	RH connecting rod	1
13	M5x15 grub screw	6
14	M5 nut	6
15	M5x12 csk bolt	8
16	M5x12 bolt	6
17	M5 washer	6
18	10067-D gudgeon pin	2
19	10070-E LH crosshead cover plate	1
20	10585-E RH crosshead cover plate	1

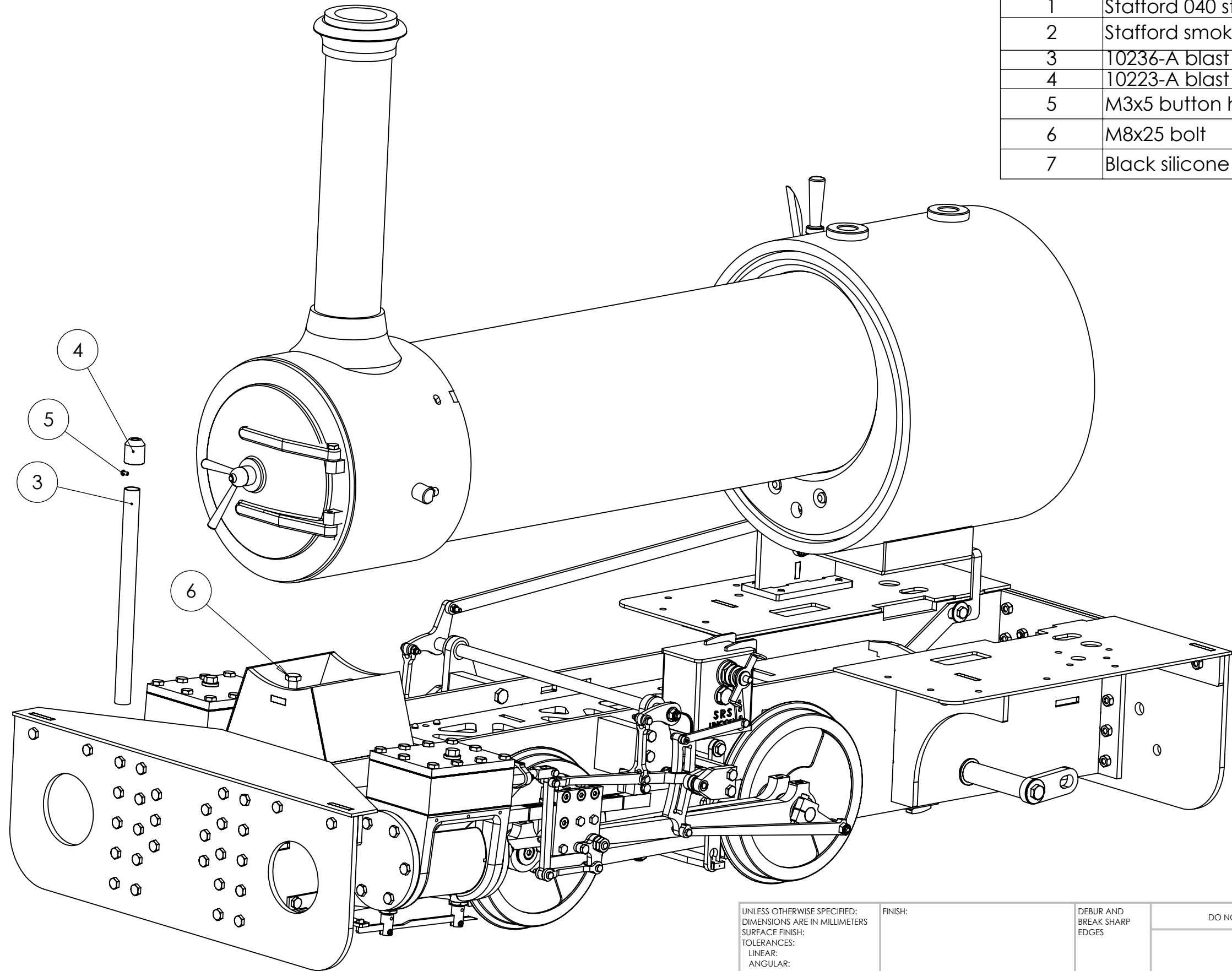
DETAIL B
SCALE 1 : 1.55

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN				NAME		SIGNATURE		DATE		TITLE:	
CHK'D										Stafford 040 stage 6	
APPV'D											
MFG											
Q.A											
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										A3	



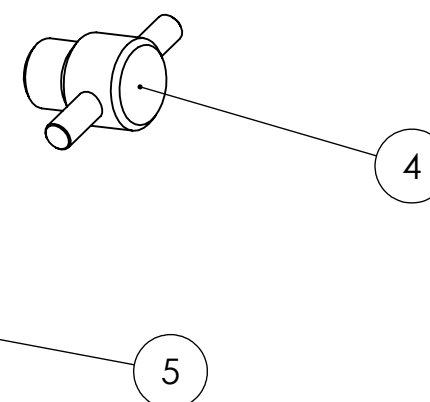
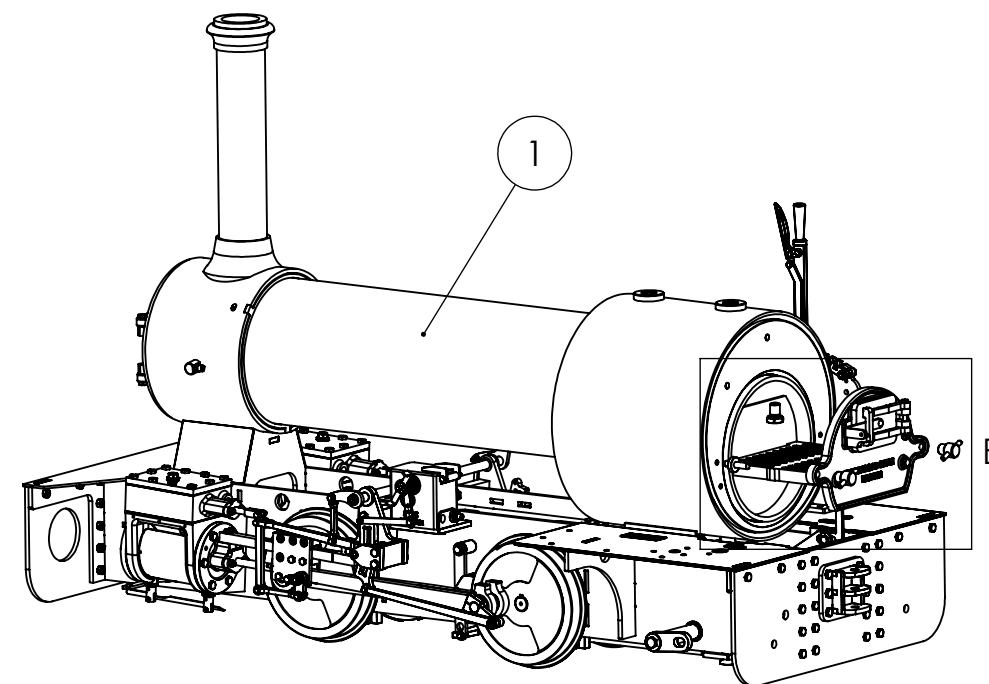
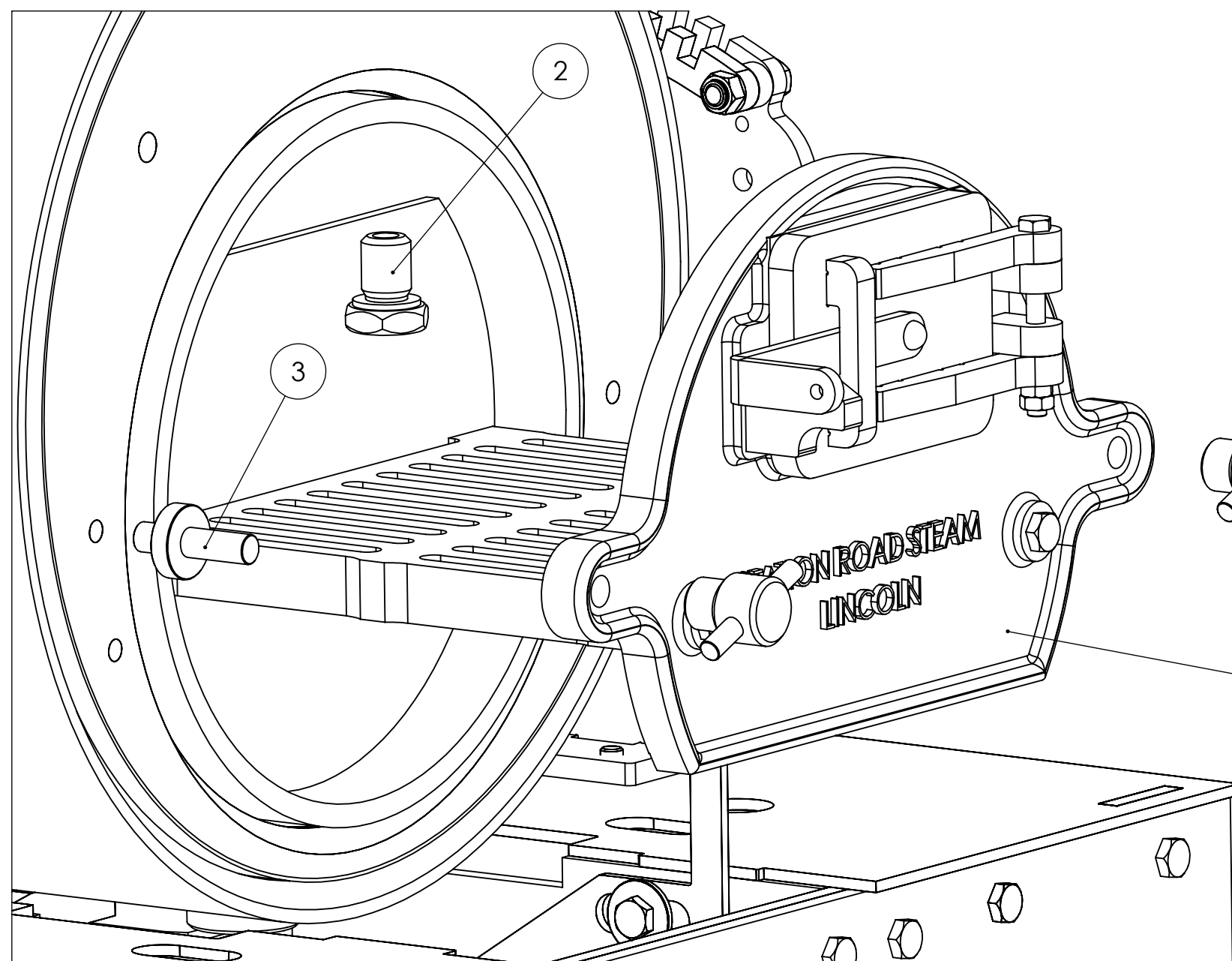
ITEM NO.	PART NUMBER	QTY.
1	Stafford 040 stage 6	1
2	10095-E weigh shaft	1
3	10451-B reach rod lifting arm	1
4	10099-E radius rod lifting arm	1
5	10109-C combination lever	2
6	10108-B union link	2
7	10100-B lifting link	2
8	10119-B expansion link inner trunnion block	2
9	10113-B expansion link outer trunnion block	2
10	10114-C expansion link trunnion pin	4
11	10101-C expansion link	2
12	10105-C eccentric rod	2
13	M6 nyloc nut	4
14	M6 washer	2
15	10400-C motion pin 20mm	12
16	M4 nyloc nut	14
17	10106-C radius rod	2
18	10102-B expansion link die block	2
19	10584-A die block pin	2
20	10581-A motion pin 25mm	2
21	M5x35 bolt	4

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN				NAME		SIGNATURE		DATE		TITLE:	
CHK'D										Stafford 040 stage 7	
APPV'D											
MFG											
Q.A											
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						WEIGHT:		SCALE:1:20		SHEET 1 OF 1	



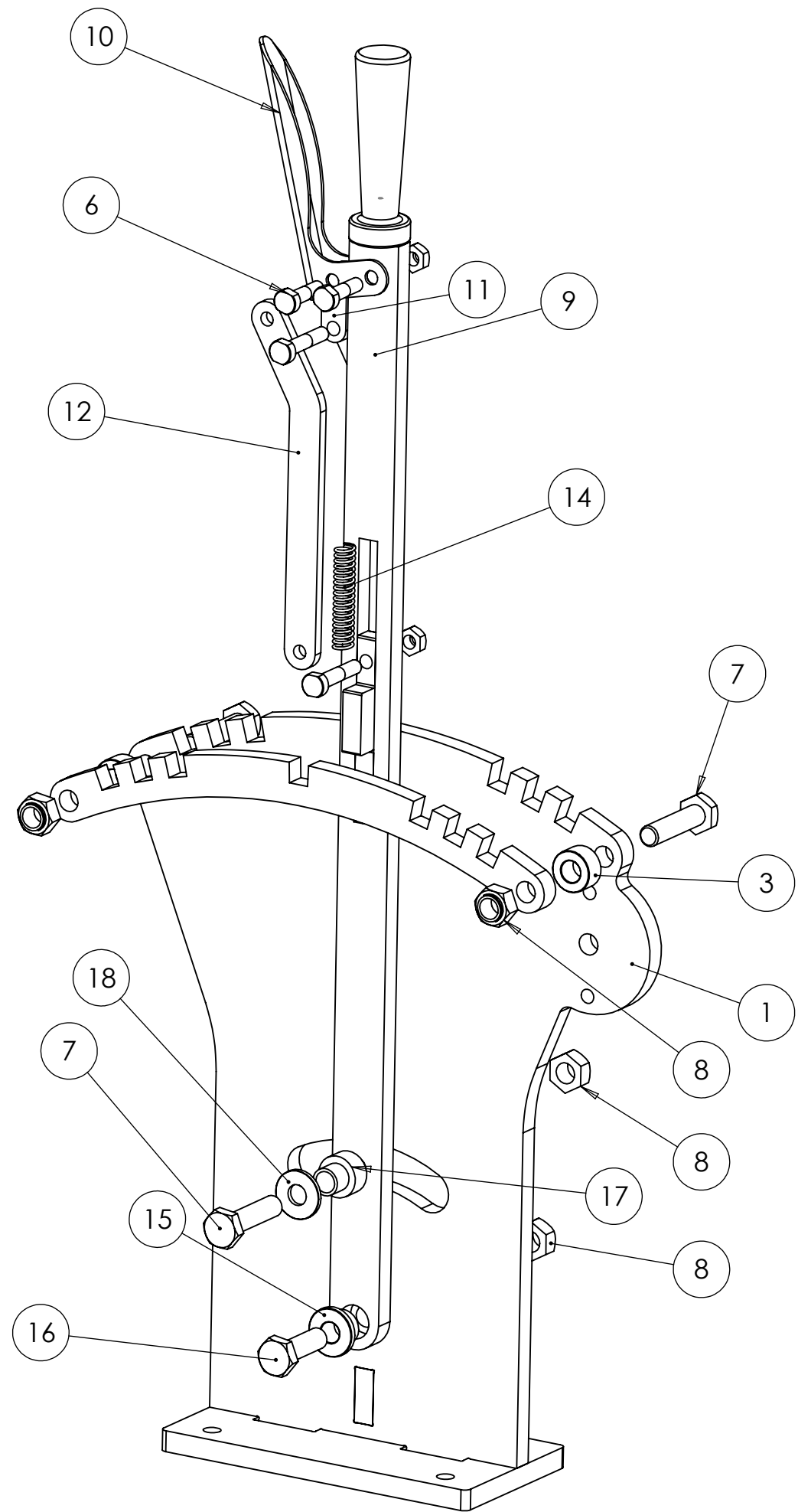
ITEM NO.	PART NUMBER	QTY.
1	Stafford 040 stage 8	1
2	Stafford smokebox fittings	1
3	10236-A blast pipe	1
4	10223-A blast nozzle	1
5	M3x5 button head screw	1
6	M8x25 bolt	1
7	Black silicone sealant	1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN				NAME		SIGNATURE		DATE		TITLE:	
CHK'D										Stafford 040 stage 9	
APPV'D											
MFG											
Q.A											
								MATERIAL:		DWG NO.	
										A3	
								WEIGHT:		SCALE:1:20	
										SHEET 1 OF 1	



ITEM NO.	PART NUMBER	QTY.
1	Stafford 040 stage 9	1
2	10173-C Fusible Plug	1
3	10216-B backhead stud	2
4	backhead knob	2
5	backhead & grate	1
6	Stafford 040 stage 8	1

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		NAME		SIGNATURE		DATE				TITLE:	
DRAWN										Stafford 040 stage 10	
CHK'D											
APP'VD											
MFG											
Q.A						MATERIAL:		DWG NO.		A3	
						WEIGHT:		SCALE:1:20		SHEET 1 OF 1	



ITEM NO.	PART NUMBER	QTY.
1	reversing lever stand	1
2	10092-E reverser quadrant	1
3	10093-B reverser quadrant spacer	2
4	10400-C motion pin 20mm	2
5	M4 nyloc nut	4
6	10521-A motion pin 15mm	2
7	M6x25 bolt	3
8	M6 nyloc nut	4
9	reversing lever	1
10	10120-E reversing lever trigger	1
11	10486-B reversing lever trigger link	1
12	10087-E reverser latch lifting link	2
13	10088-F lever latch	1
14	reverser spring LCM080C 15 M	1
15	10591-A reverser lever bush	1
16	M6x20 bolt	1
17	10436-B reach rod bush	1
18	M6 washer	1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION		
DRAWN				NAME		SIGNATURE		DATE		TITLE:		
CHK'D										reversing lever & stand		
APPV'D												
MFG												
Q.A												
										DWG NO.		
										A3		
										SCALE:1:5		
										SHEET 1 OF 1		