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ILLUSTRATED PARTS MANUAL





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PREFACE

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Obey local orders and regulations.

warnings

THERE ARE NO WARNINGS APPLICABLE TO THIS ILLUSTRATED PARTS CATALOGUE. ALL SPARES WILL BE RECEIVED WITH PERTINENT SAFETY INFORMATION AND COSHH INFORMATION AS REQUIRED.

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There are no CAUTIONS applicable to this Illustrated Parts Catalogue. All Spares will be received with pertinent safety information and COSHH information as required.



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CONTENTS

CHAPTER1: LM2-10-00 CHASSIS ASSEMBLY	2-9
CHAPTER2: LM2-22-50 MAST ASSEMBLY	2-60
CHAPTER3: LM2-55-00 CABIN ASSEMBLY	3-103
CHAPTER4: LM2-60-00 POWERTRAIN ASSEMBLY	4-153
CHAPTER5: LM2-61-00 HYDRAULIC OIL TANK ASSEMBLY.....	5-210
CHAPTER6: LM2-63-00 DRIVE CONTROL SYSTEM.....	6-217
CHAPTER7: LM2-64-00 SERVICE CONTROL SYSTEM	7-239
CHAPTER8: FIGURES	8-264
CHAPTER9: INDEX OF PART NUMBERS	9-266
CHAPTER10: INDEX OF DESCRIPTIONS	10-273

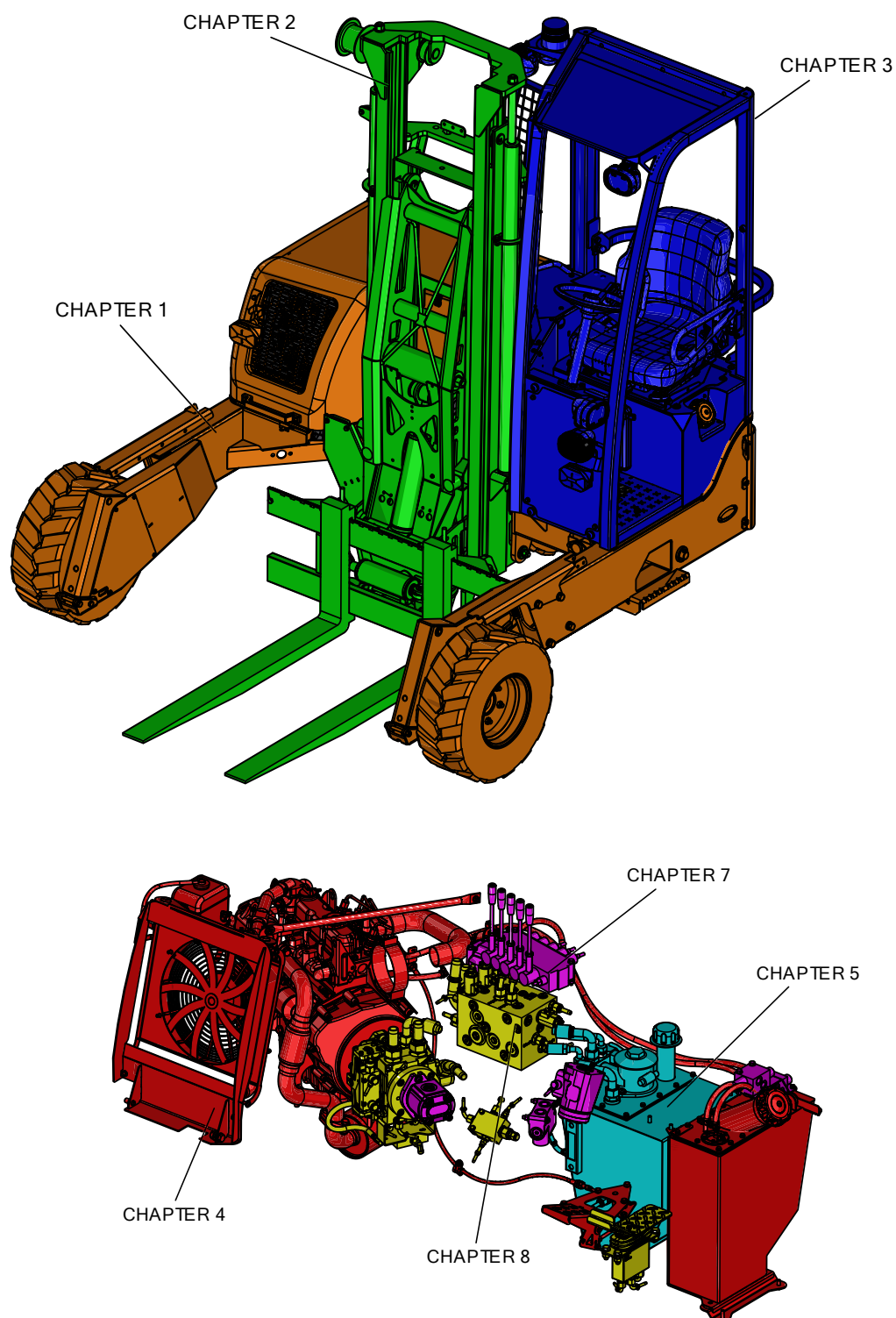


Figure 1: Loadmac 225 Chapters



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CHAPTER1: LM2-10-00 CHASSIS ASSEMBLY

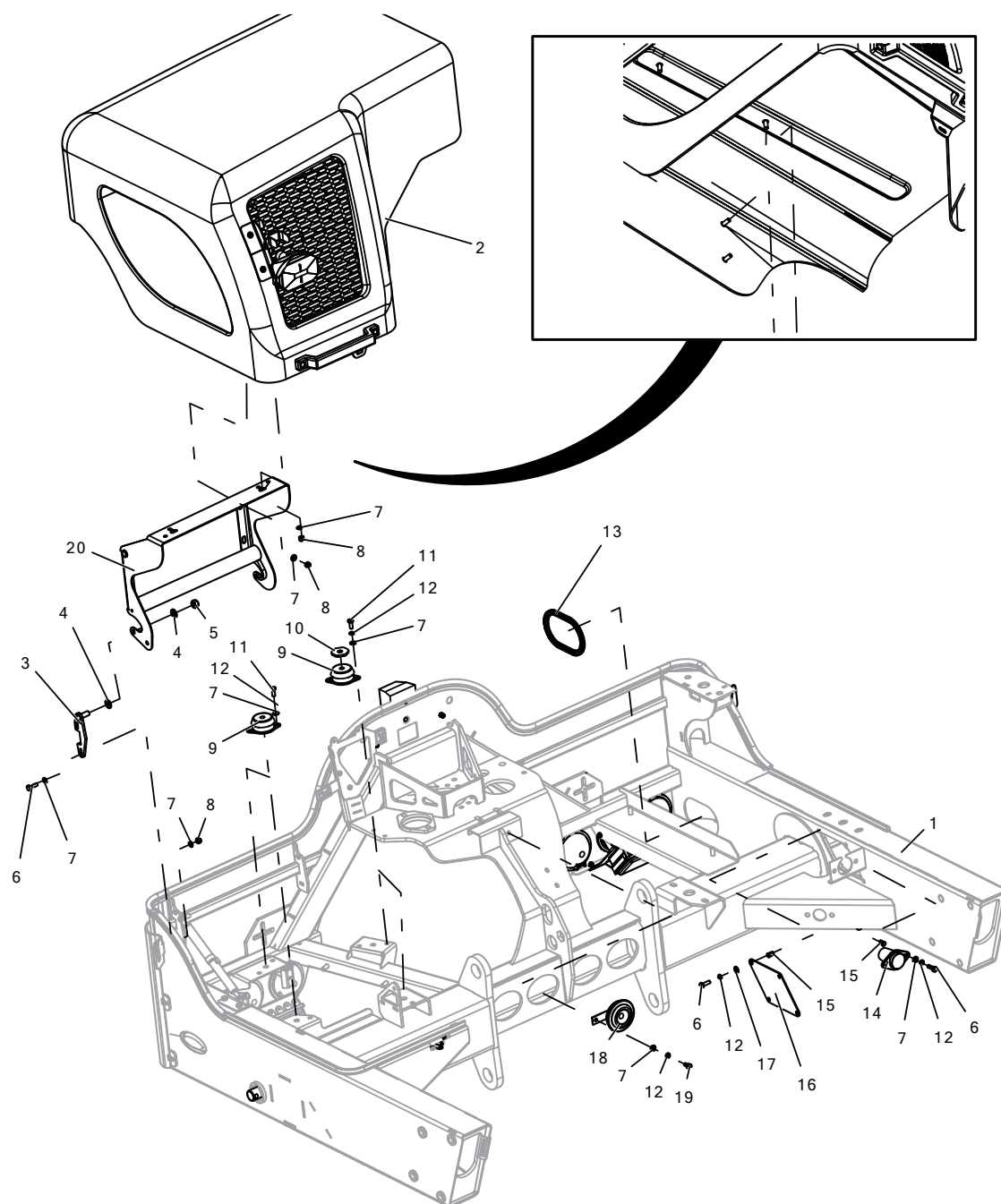


Figure 2: LM2-11-00 Common Chassis – Forward View

Item	Part no.	Description	Qty	Notes
1	LM2-100-00	CHASSIS	1	
2	LM2-125-00	CHASSIS BONNET COMPLETE	1	
3	LM2-125-12	PLATE W-A BONNET HINGE	2	
4	XW12AZ	M12 FORM A WASHER	2	
5	XN12N	M12 NYLOC NUT	2	
6	XS08025Z	M8 X 24 HEX HEAD SCREW	10	
7	XW08AZ	M8 FORM A WASHER	25	
8	XN08N	M8 NYLOC NUT	10	
9	YMOUNT6	RUBBER ENGINE MOUNT	4	
10	LM2-101-51	8MM ENGINE MOUNT SPACER	2	
11	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	8	
12	XW08SZ	M8 SPRING WASHER	15	
13	LM2-101-53	YSEALSTRIP30 400MM LONG	2	
14	YSUZI1	SUZI SOCKET	1	
15	XNS08	M8 NUTSERT	6	
16	LM2-101-14	CAB MOUNT CHASSIS COVER	1	
17	XW08CZB	M8 FORM C WASHER ZINC AND NICKEL BLACK	4	
18	YHORN1	HORN	1	
19	XS08016Z	M8 X 16 HEX HEAD SCREW 8.8	1	
20	LM2-127-00	BONNET HINGE	6	

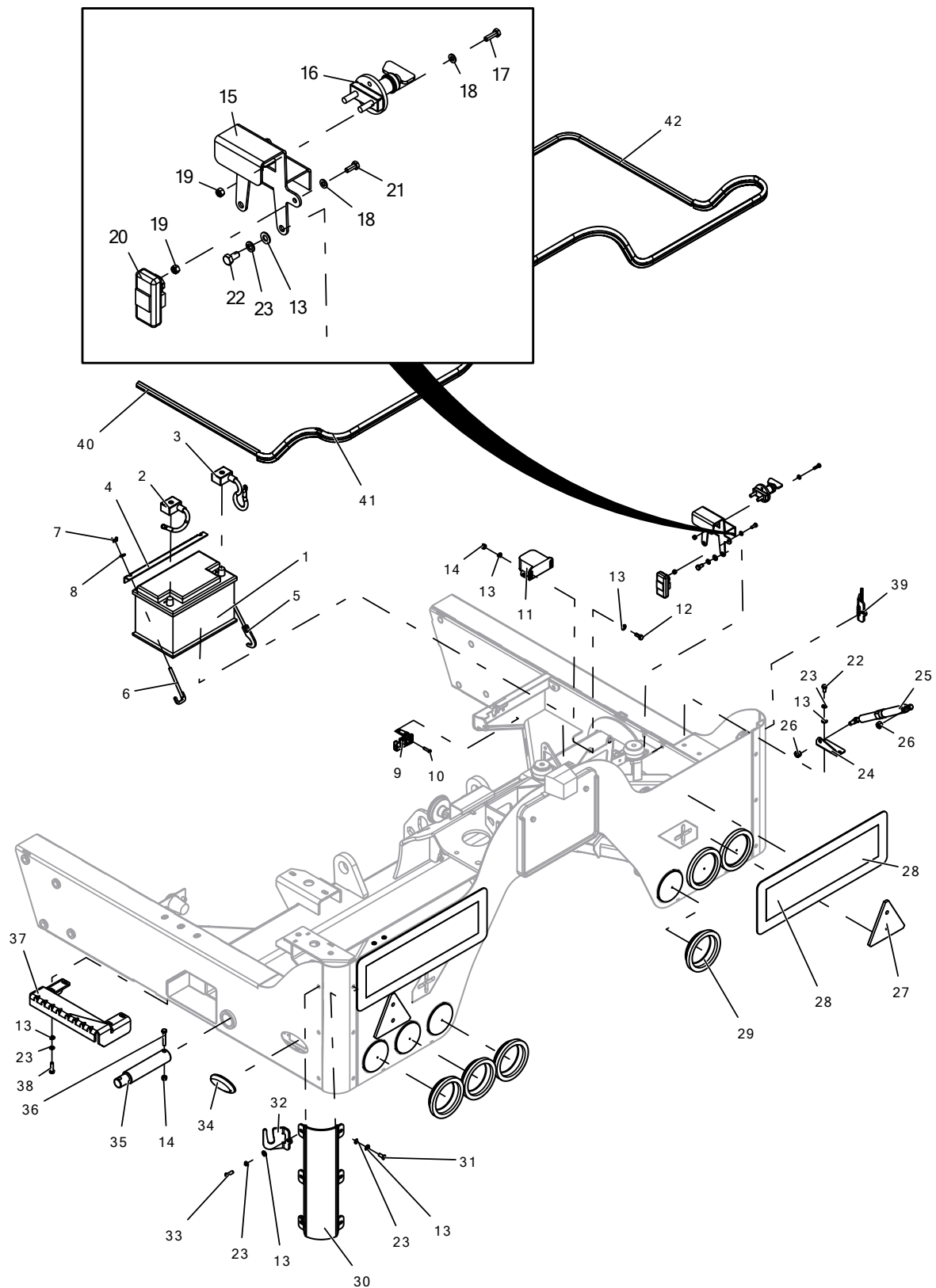


Figure 3: LM2-11-00 Common Chassis - Rear View

Item	Part no.	Description	Qty	Notes
1	YBATTERY3	12 V 72 AH BATTERY	1	
2	LM2-810-14	NEGATIVE BATTERY LEAD	1	
3	LM2-810-12	POSITIVE BATTERY LEAD	1	
4	LM2-103-35	BATTERY RETAINER	1	
5	LM2-130-00	RH BATTERY RETAINER HOOK	1	
6	LM2-131-00	LH BATTERY RETAINER HOOK	1	
7	XN08WINGZ	M8 WING NUT	2	
8	XW08GZ	M8 FORM G WASHER	2	
9	YLATCH12	BONNET LATCH	1	
10	XBUT06025SKTZB	M6 X 25 BUTTON HEAD SCREW 8.8	2	
11	YBEEP1	REVERSING BEEPER	1	
12	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	2	
13	XW08AZ	M8 FORM A WASHER	25	
14	XN08N	M8 NYLOC NUT	4	
15	LM2-101-33	BATTERY ISOLATOR BRACKET	1	
16	YISO1	BATTERY ISOLATOR SWITCH	1	
17	XS06020Z	M6 X 20 HEX HEAD SCREW 8.8	2	
18	XW06AZ	M6 FORM A WASHER	3	
19	XN06N	M6 NYLOC NUT	3	
20	YFUSE8	40 A FUSE WITH HOLDER	1	
21	XS06016Z	M6 X 16 HEX HEAD SCREW 8.8	1	
22	XS08016Z	M8 X 16 HEX HEAD SCREW 8.8	4	
23	XW08SZ	M8 SPRING WASHER	20	
24	LM2-101-34	BONNET STRUT BRACKET	1	
26	XN10N	M10 NYLOC NUT	2	
27	YREFLEC2	RED TRIANGLE REFLECTOR	2	
28	YREFLEC1	REFLECTOR STRIP	2	
29	YGR1110	GROMMET	6	
30	LM2-100-103	CHASSIS CORNER PLATES	2	
31	XBUT08020SKTZB	M8 X 20 BUTTON HEAD SCREW 8.8	10	
32	LM2-101-18	LH CHAIN HOOK	1	
33	XBUT08025SKTZB	M8 X 25 BUTTON HEAD SCREW 8.8	2	
34	YLIGHT24	LED AMBER SIDE MARKER	2	
35	LM2-101-07	LOADING PIN	2	
36	XS08050Z	M8 X 30 HEX HEAD SCREW 8.8	2	
37	LM2-101-01	CAB EXTENSION STEP	1	
38	XS08030Z	M8 X 30 HEX HEAD SCREW 8.8	4	
39	LM2-101-19	RH CHAIN HOOK	1	
40	LM2-101-55	SEL ADHESIVE SEAL STRIP 525 MM LONG (YSEALSTRIP17)	1	
41	LM2-101-54	2-4MM SEAL STRIP 2920 MM LONG (YSEALSTRIP25)	1	
42	LM2-101-56	SEAL ADHESIVE SEAL STRIP 591 MM LONG (YSEALSTRIP17)	1	

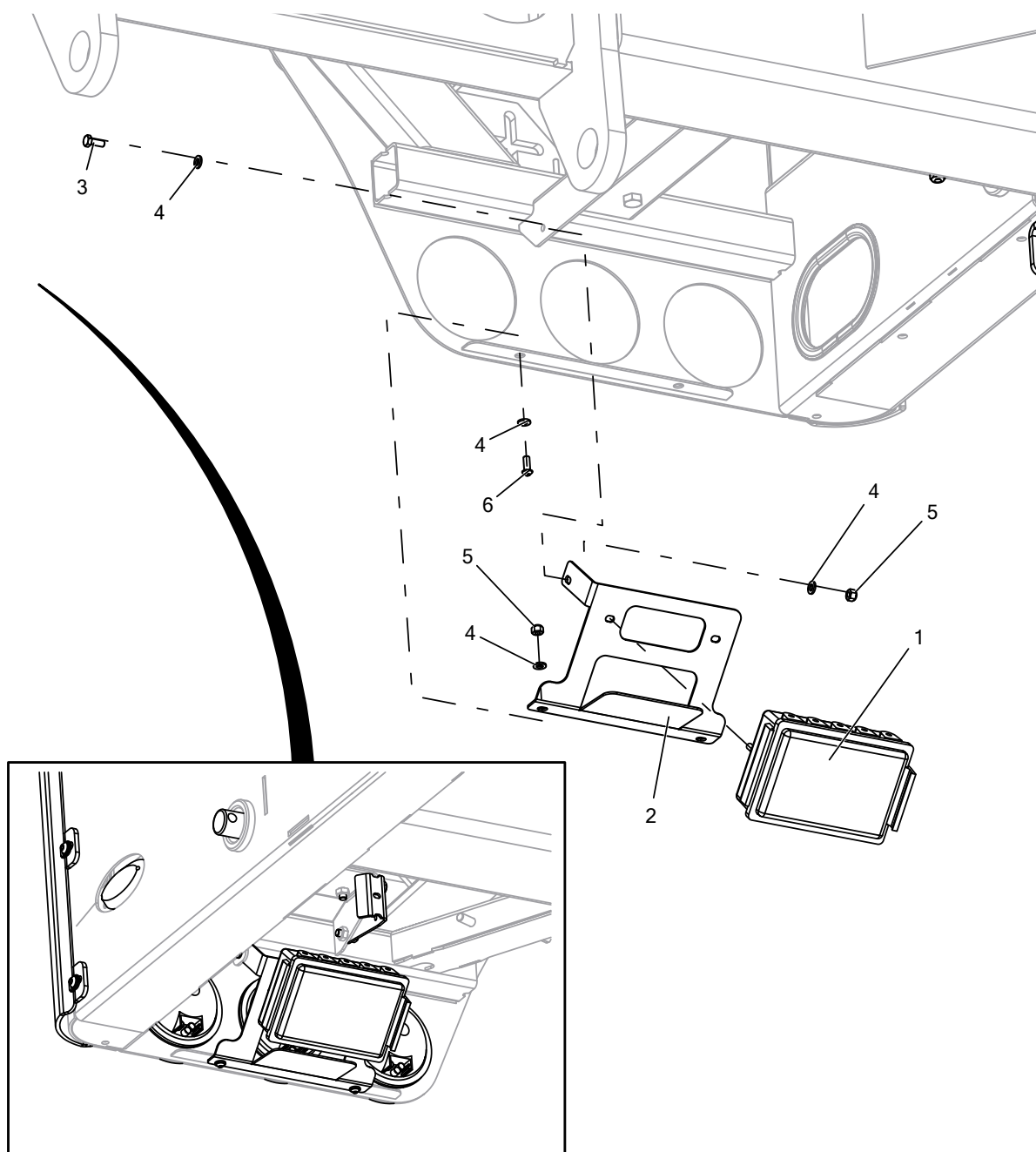


Figure 4: LM2-11-00 Common Chassis - Rear Light Shroud

Item	Part No.	Description	Qty	Notes
1	YBOX2	LIGHT JUNCTION BOX	2	
2	LM2-101-17	REAR LIGHT CABLE SHROUD	2	
3	XS06016Z	M6 X 16 HEX HEAD SCREW 8.8	2	
4	XW06AZ	M6 FORM A WASHER	12	
5	XN06N	M6 NYLOC NUT	6	
6	XBUT06016SKTZB	M6 X 16 BUTTON HEAD SCREW 8.8	4	

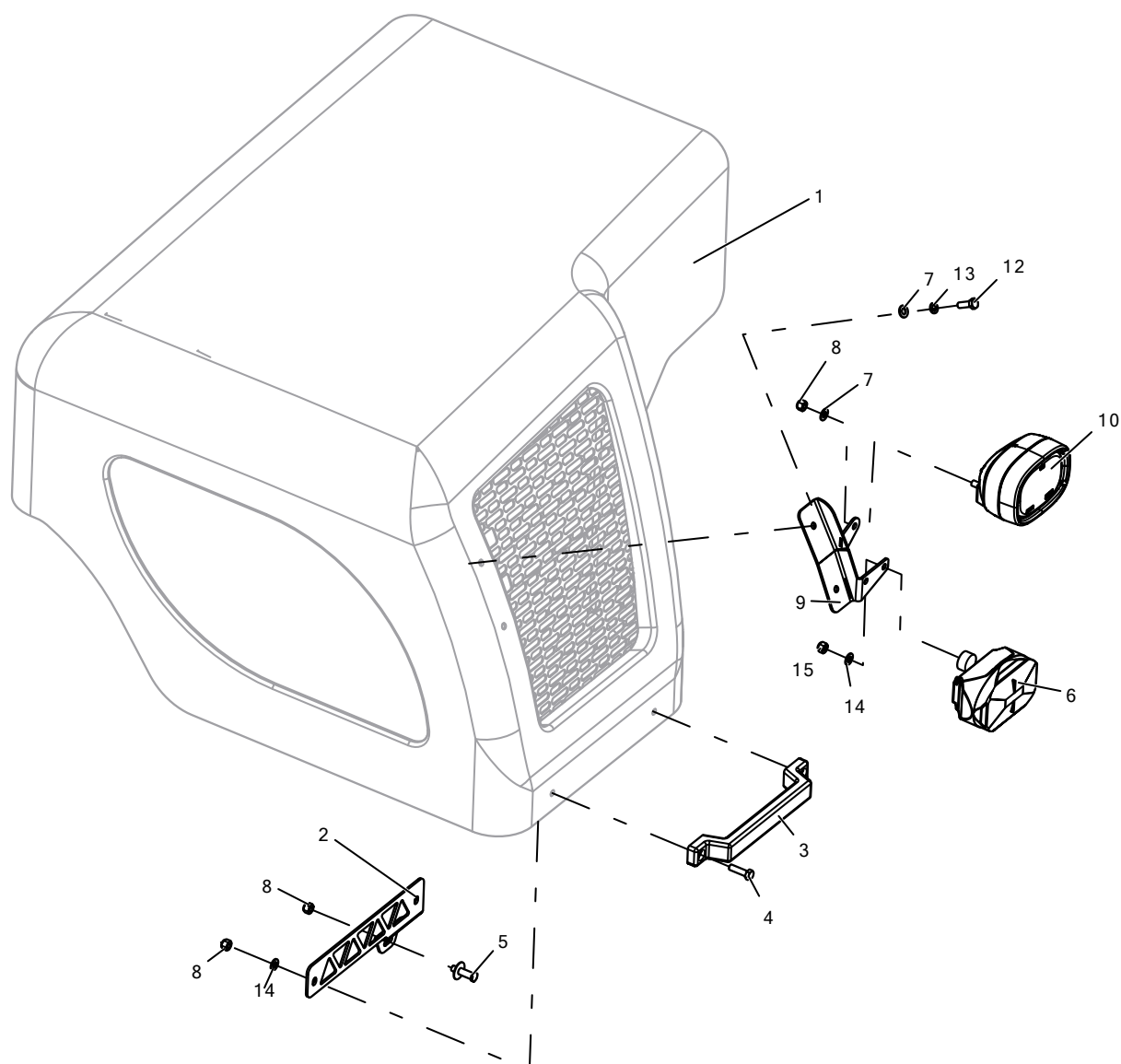


Figure 5: LM2-11-00 Chassis - Standard Bonnet Lighting Options



Item	Part no.	Description	Qty	Notes
1	LM2-125-01	BONNET GRP	1	
2	LM2-128-01	BONNET LATCH AND HANDLE ASSEMBLY	1	
3	YHANDLE2	BONNET HANDLE	1	
4	XS08030Z	M8 X 30 HEX HEAD SCREW 8.8	2	
5	YSTRIKE1	BONNET STRIKER PIN	1	
6	YLIGHT28	RH INDICATOR LIGHT	1	
7	XW08CZB	M8 FORM C WASHER BLACK	3	
8	XN08N	M8 NYLOC NUT	4	
9	LM2-125-05	BONNET LIGHT MOUNT	1	
10	YLIGHT22	HALOGEN WORK LIGHT	1	
12	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	2	
13	XW08SZ	M8 SPRING WASHER	2	
14	XW06AZ	M6 FORM A WASHER	4	
15	XN06N	M6 NYLOC NUT	2	

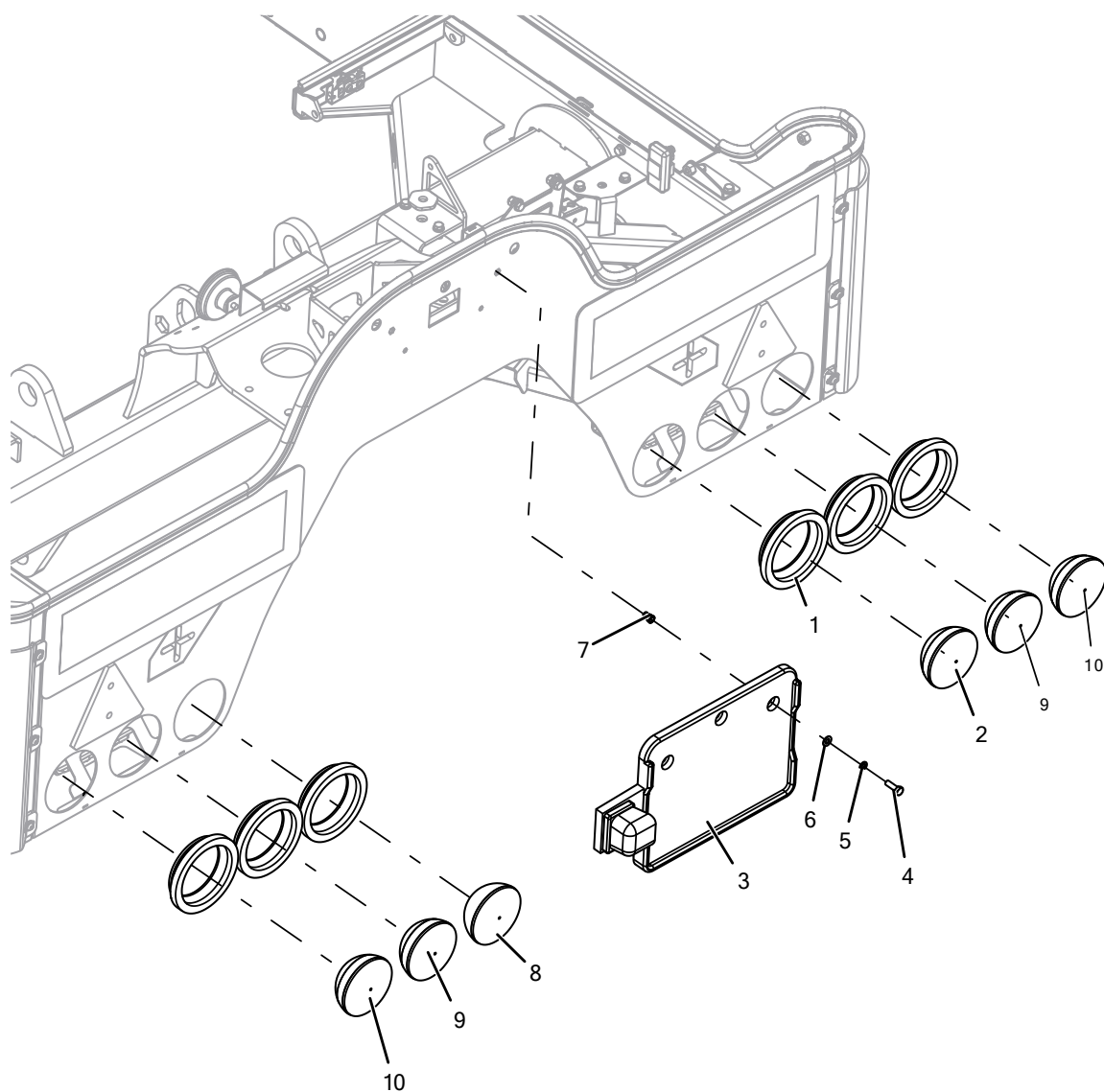


Figure 6: LM2-11-00 Chassis - UK Rear Lighting Options

Item	Part no.	Description	Qty	Notes
1	YGR1110	GROMMET	6	
2	YLIGHT32	LED RED FOG LIGHT	1	
3	YPLHOLD1	UK NUMBER PLATE HOLDER	1	
4	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	2	
5	XW08SZ	M8 SPRING WASHER	2	
6	XW08AZ	M8 FORM A WASHER	2	
7	XNS08H	M8 HEX NUTSERT	2	
8	YLIGHT34	LED WHITE REVERSE LAMP	1	
9	YLIGHT33	LED RED STOP/TAIL-LIGHT	2	
10	YLIGHT31	LED AMBER INDICATOR LIGHT	2	

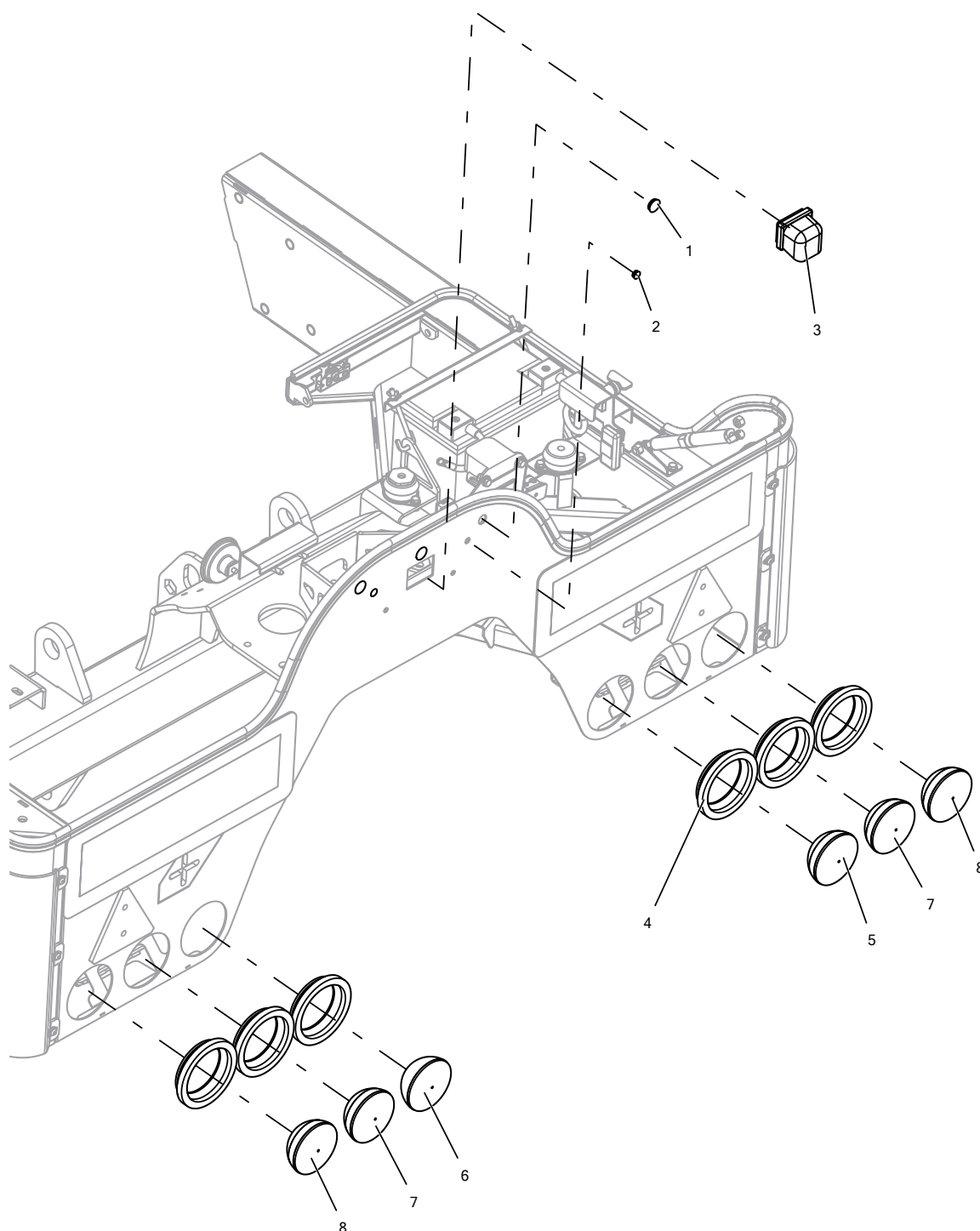


Figure 7: LM2-11-00 Chassis - AUS Rear Lighting Option



Item	Part no.	Description	Qty	Notes
1	YGR219	18 MM BLANKING GROMMET	3	
2	YGR210	10mm BLIND GROMMIT	2	
3	YLIGHT29	HALOGEN PUSH FIT NUMBER PLATE LIGHT	1	
4	YGR1110	GROMMET	6	
5	YLIGHT32	LED FOG LAMP	1	
6	YLIGHT34	LED WHITE REVERSE LAMP	1	
7	YLIGHT33	LED STOP/TAIL-LIGHT	2	
8	YLIGHT31	LED AMBER INDICATOR LIGHT	2	

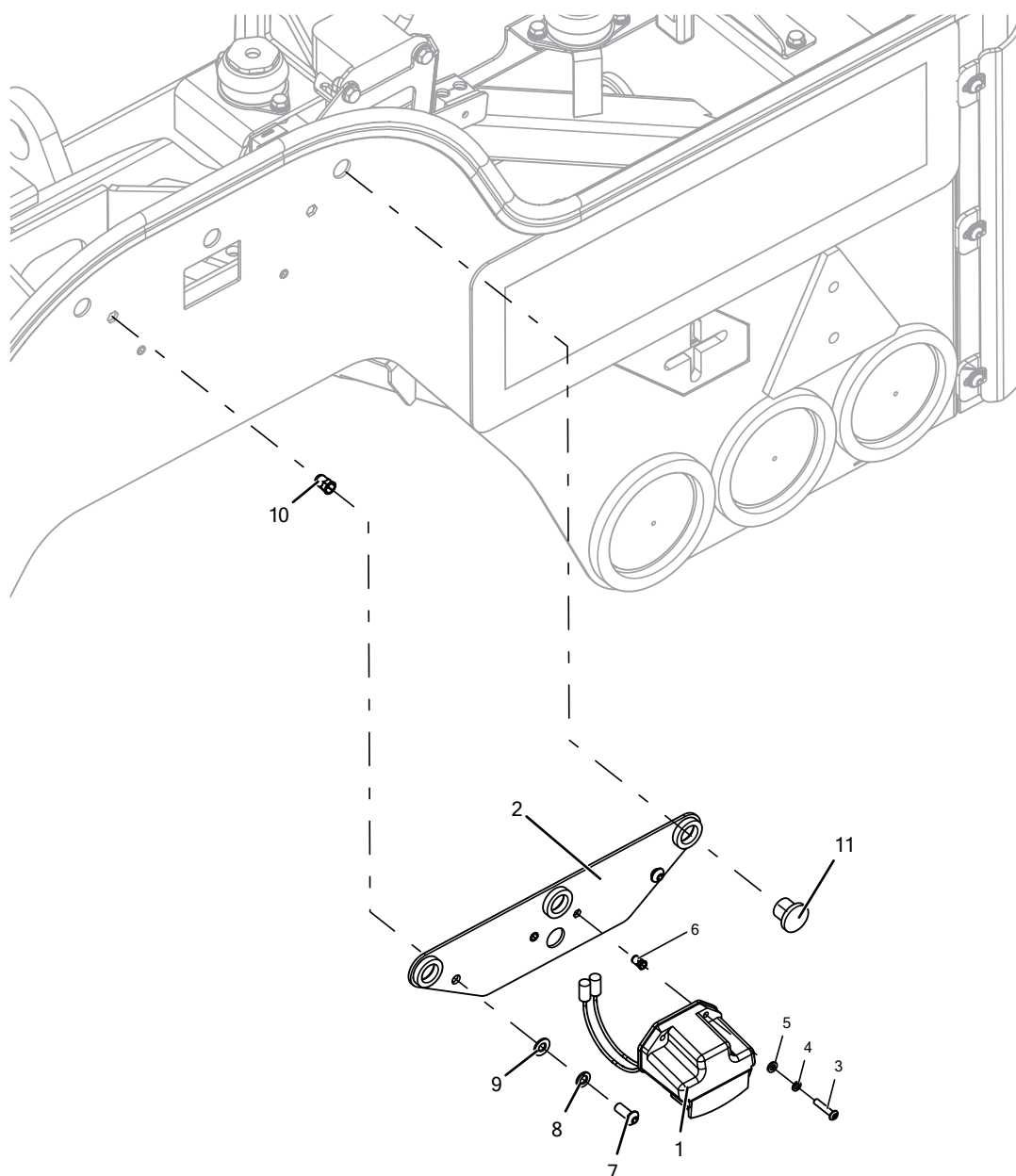


Figure 8: LM2-11-00 Chassis - US / CANADA Number Plate and Mark Option

Item	Part no.	Description	Qty	Notes
1	YLIGHT41	USA LICENSE PLATE LIGHT KIT	1	
2	LM2-101-62	YLIGHT41 MOUNTING ADAPTER PLATE	1	
3	XBUT05025SKTZB	M5 X 25 BUTTON HEAD SCREW 8.8	2	
4	XW05SZ	M5 SPRING WASHER	2	
5	XW05Z	M5 FORM A WASHER	2	
6	XNS05H	M5 X 6 SEMI HEX OPEN NUTSERT	2	
7	XBUT08020SKTZB	M8 X 20 HEX HEAD SCREW 8.8	2	
8	XW08SZ	M8 SPRING WASHER	2	
9	XW08AZ	M8 FORM A WASHER	2	
10	XNS08H	M8 X 10 SEMI OPEN NUTSERT	2	
11	YLIGHT40	SINGLE RED LED WITH GROMMET	3	

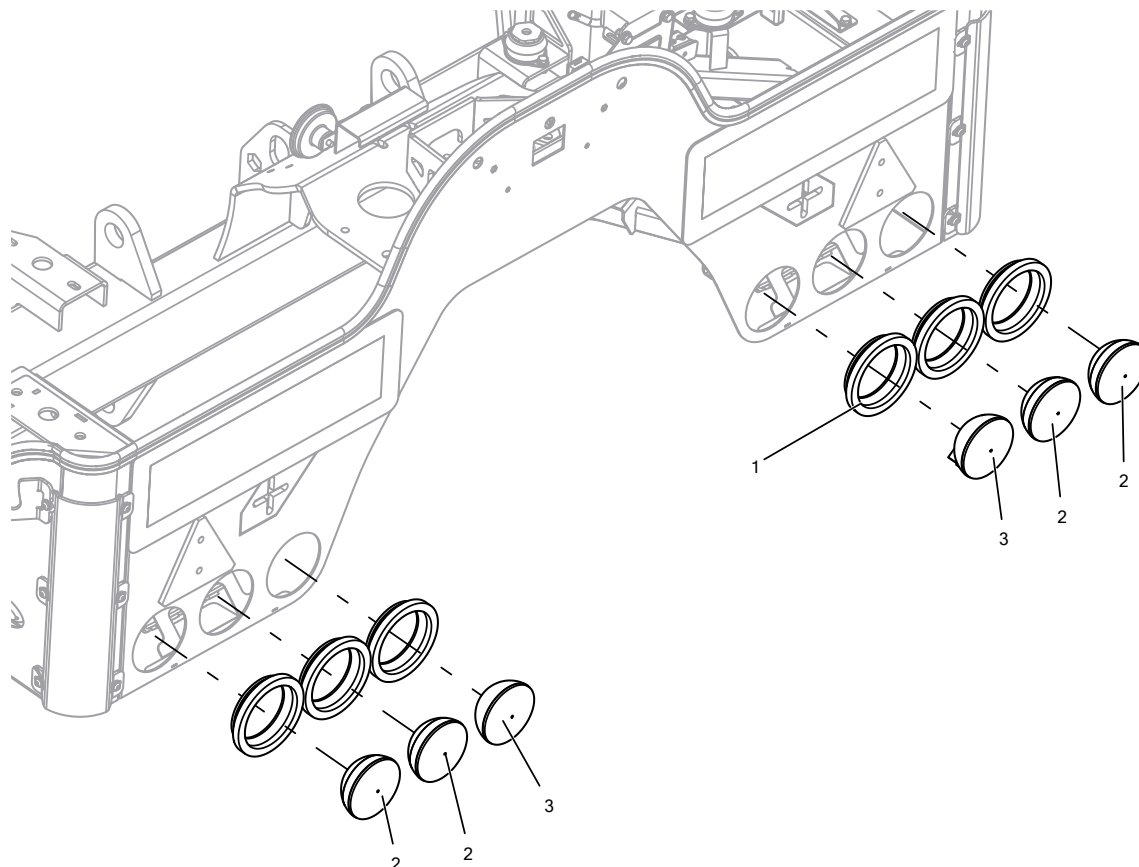


Figure 9: LM2-11-00 Chassis - US / CANADA Rear Lighting Option



Item	Part no.	Description	Qty	Notes
1	YGR1110	GROMMET	6	
2	YLIGHT38	LED RED STOP/TAIL-LIGHT	4	
3	YLIGHT34	LED WHITE REVERSE LAMP	2	

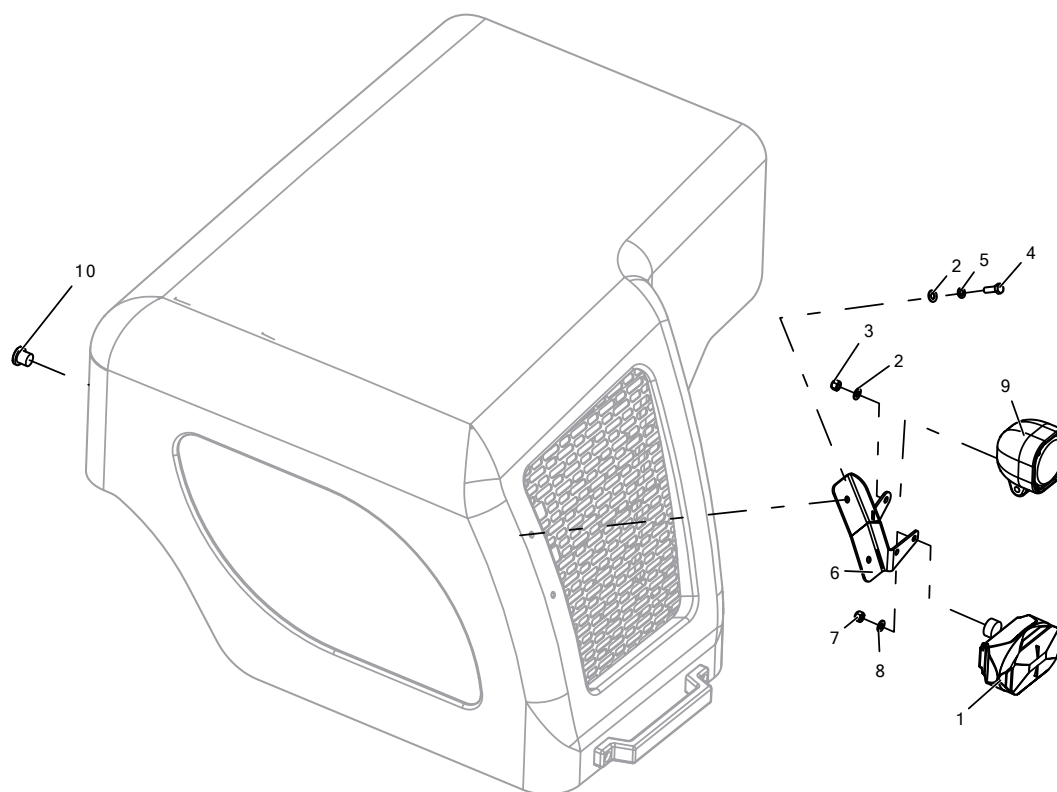


Figure 10: LM2-11-00 Chassis - US / CANADA Work Lighting Option



Item	Part no.	Description	Qty	Notes
1	YLIGHT28	RH INDICATOR LIGHT	1	
2	XW08CZB	M8 FORM C WASHER BLACK	3	
3	XN08N	M8 NYLOC NUT	1	
4	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	2	
5	XW08SZ	M8 SPRING WASHER	2	
6	LM2-125-05	BONNET LIGHT MOUNT	1	
7	XN06N	M6 NYLOC NUT	2	
8	XW06AZ	M6 FORM A WASHER	2	
9	YLIGHT43	LED WORK LIGHT	1	
10	YLIGHT40	SINGLE RED LED WITH GROMMET	1	



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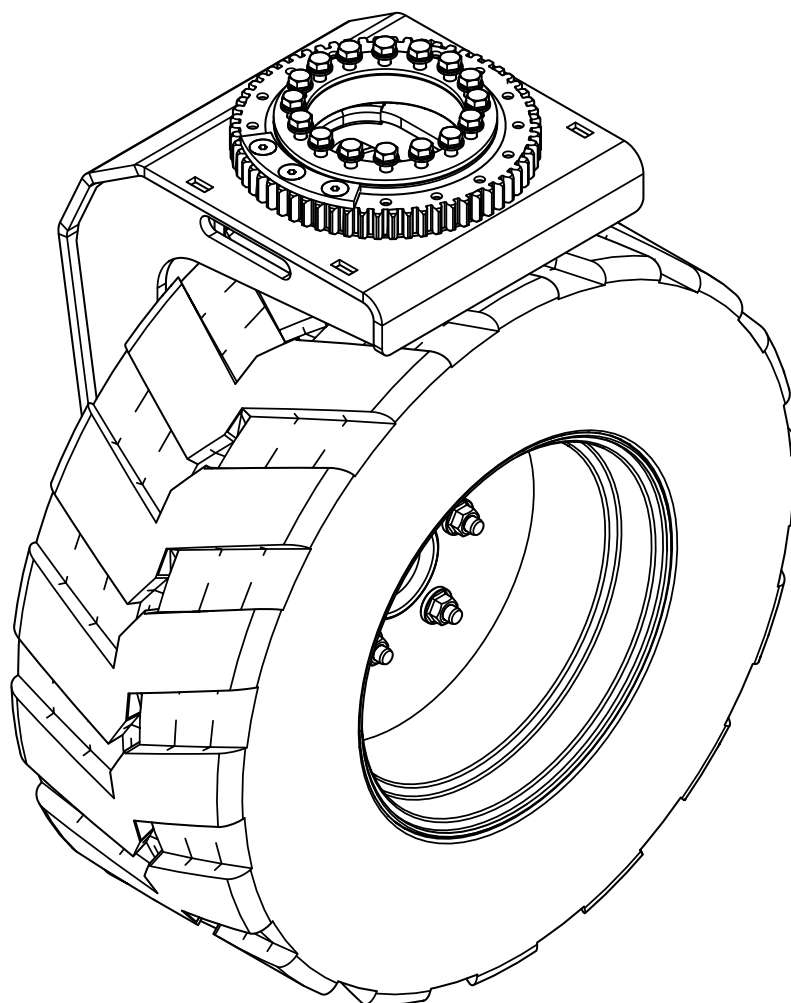


Figure 11: LM2-31-00 Rear Wheel Assembly Common - Breakdown

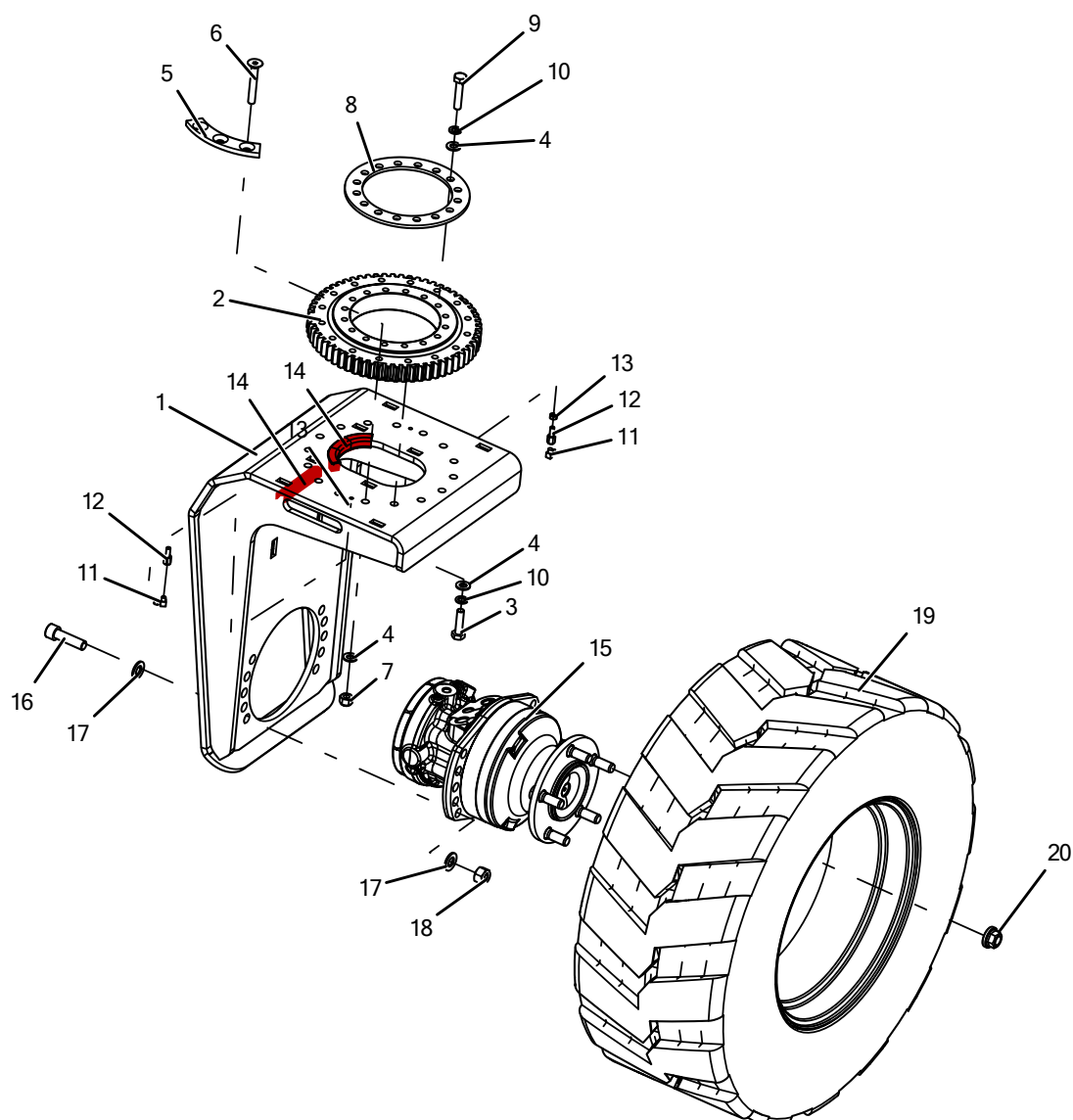


Figure 12: LM2-31-00 Rear Wheel Assembly Common



Item	Part no.	Description	Qty	Notes
1	LM2-302-00	REAR WHEEL STEER ARM	1	
2	LM1-300-03	SLEWING RING BEARING	1	
3	XS10040Z	M10 X 40 HEX HEAD SCREW	13	
4	XW10AZ	M10 FORM A WASHER	32	
5	LM2-300-11	SLEWING RING BEARING LIMITER	1	
6	XCSK10040SKTZ	M10 X 40 COUNTERSUNK BOLT	3	
7	XN10N	M10 NYLOC NUT	29	
8	LM1-300-01	SLEWING RING SPACER	1	
9	XS10050Z	M10 X 50 HEX HEAD SCREW 8.8	16	
10	XW10SZ	M10 SPRING WASHER	29	
11	YGN0690	M6 90DEG GREASE NIPPLE	2	
12	YNIPADAPTER3	SWIVLE GREASE NIPPLE ADAPTER	2	
13	XN06Z	M6 PLAIN NUT	2	
14	LM2-300-20	9-12 MM EDGE TRIM 100 MM LONG (YSEALSTRIP40)	2	
15	YMOTOR7	REAR BRAKED MOTOR - 500 CC/REV-MSE03	1	
16	XSC14050Z	M14 X 50 CAP HEAD SCREW 10.9	10	
17	XW14AZ	M14 FORM A WASHER	20	
18	XN14N	M14 NYLOC NUT	10	
19	YWHEEL11	27x10-12 COMPLETE WHEEL LH	1	
20	YWHLNUT1	M14 FLANGED WHEEL NUT	5	



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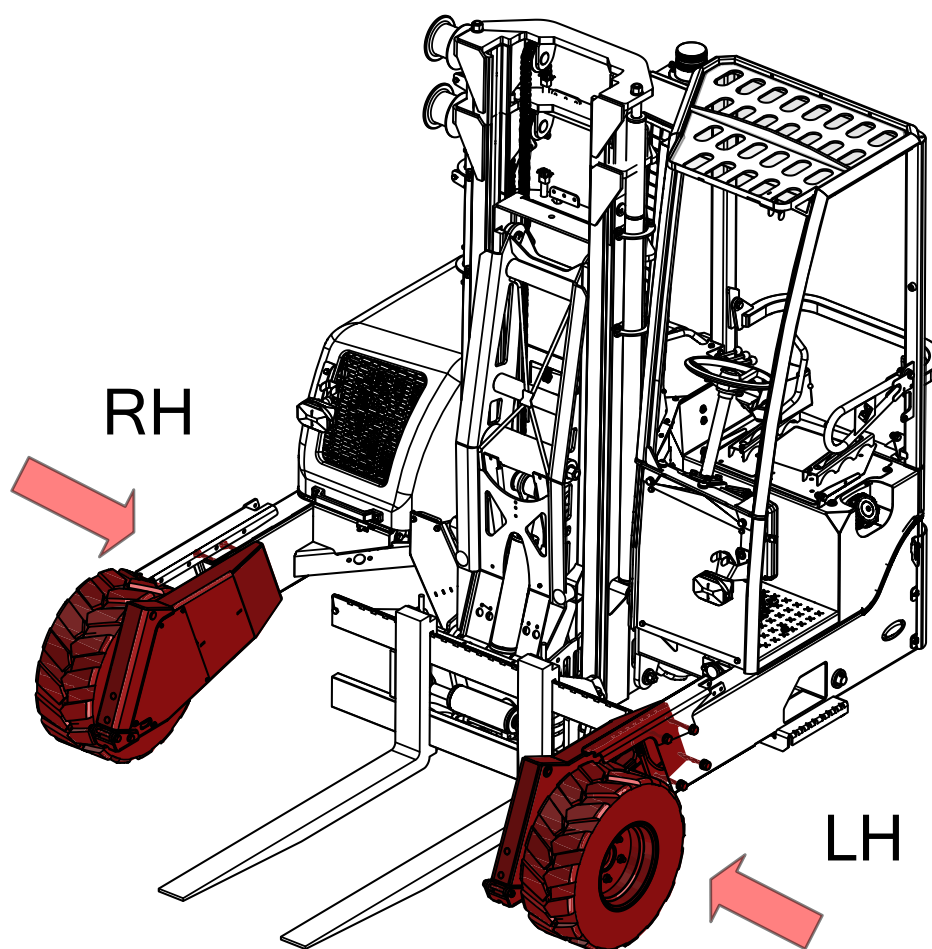


Figure 13: LM2-41-00 Front Standard Steer Wheel Assembly with 23" Tyre - Base Spec Breakdown

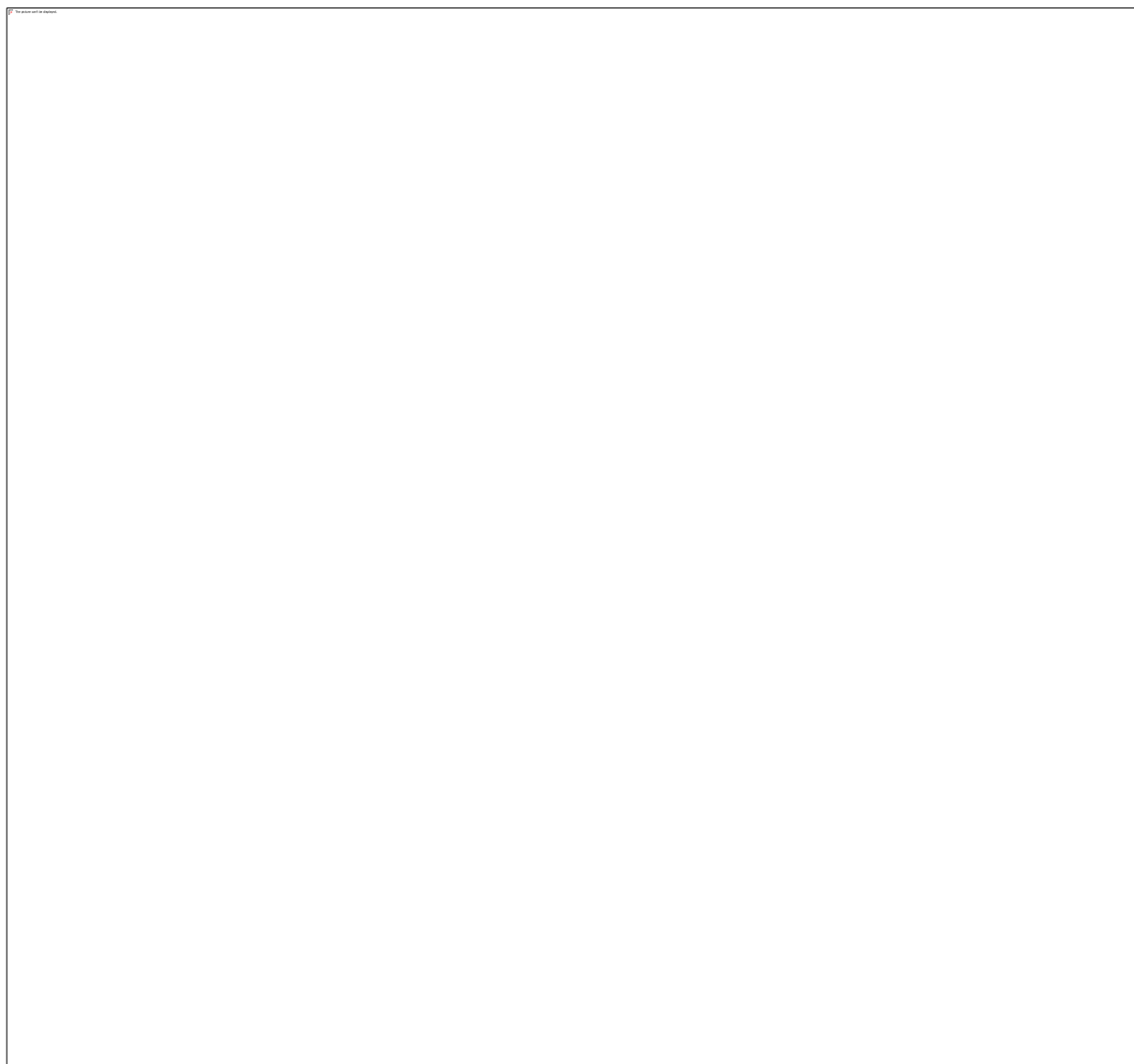


Figure 14: LM2-41-00 Front RH Standard Steer Wheel Assembly with 23" Tyre



Item	Part no.	Description	Qty	Notes
1	LM2-418-00	FRONT RH 23" WHEEL PLATE	1	
2	XS16140Z	M16 X 140 HEX HEAD BOLT 10.9	2	
3	XW16SZ	M16 SPRING WASHER	4	
4	XW16AZ	M16 FORM A WASHER	2	
5	XS16150Z	M16 X 150 HEX HEAD BOLT 10.9	2	
6	LM2-417-18	9-12 MM EDGE TRIM 220 MM LONG	1	
7	LM2-418-15	FRONT STANDARD WHEEL PLATE COVER	1	
8	XS06016Z	M6 X 16 HEX HEAD SCREW 8.8	5	
9	XW06AZ	M6 FORM A WASHER	5	
10	YPAD1	NYLON WEAR PAD	2	
11	LM2-210-35	STABILISER CYLINDER	1	
12	LM2-44-01	TOP STABILISER PIN	1	
13	XW20Z	M20 FORM A WASHER	1	
14	YCIRCLIP20	20 MM SHAFT EXTERNAL CIRCLIP	1	
15	LM2-416-00	STABILISER LEG	1	
16	LM2-416-03	STABILISER FOOT	1	
17	LM2-44-02	LOWER STABILISER PIN	1	
18	XS12110Z	M12 X 110 HEX HEAD SCREW 8.8	2	
19	XW12Z	M12 FORM A WASHER	2	
20	XN12N	M12 NYLOC NUT	2	
21	YMOTOR10	FRONT MOTOR - 255CC/REV - MS02	1	
22	XSC14050Z	M14 X 50 CAP HEAD SCREW 10.9	10	
23	XN14N	M14 NYLOC NUT	10	
24	YWHEEL8	23X9-10 COMPLETE WHEEL RH	1	
25	YWHLNUT1	M14 FLANGED WHEEL NUT	1	

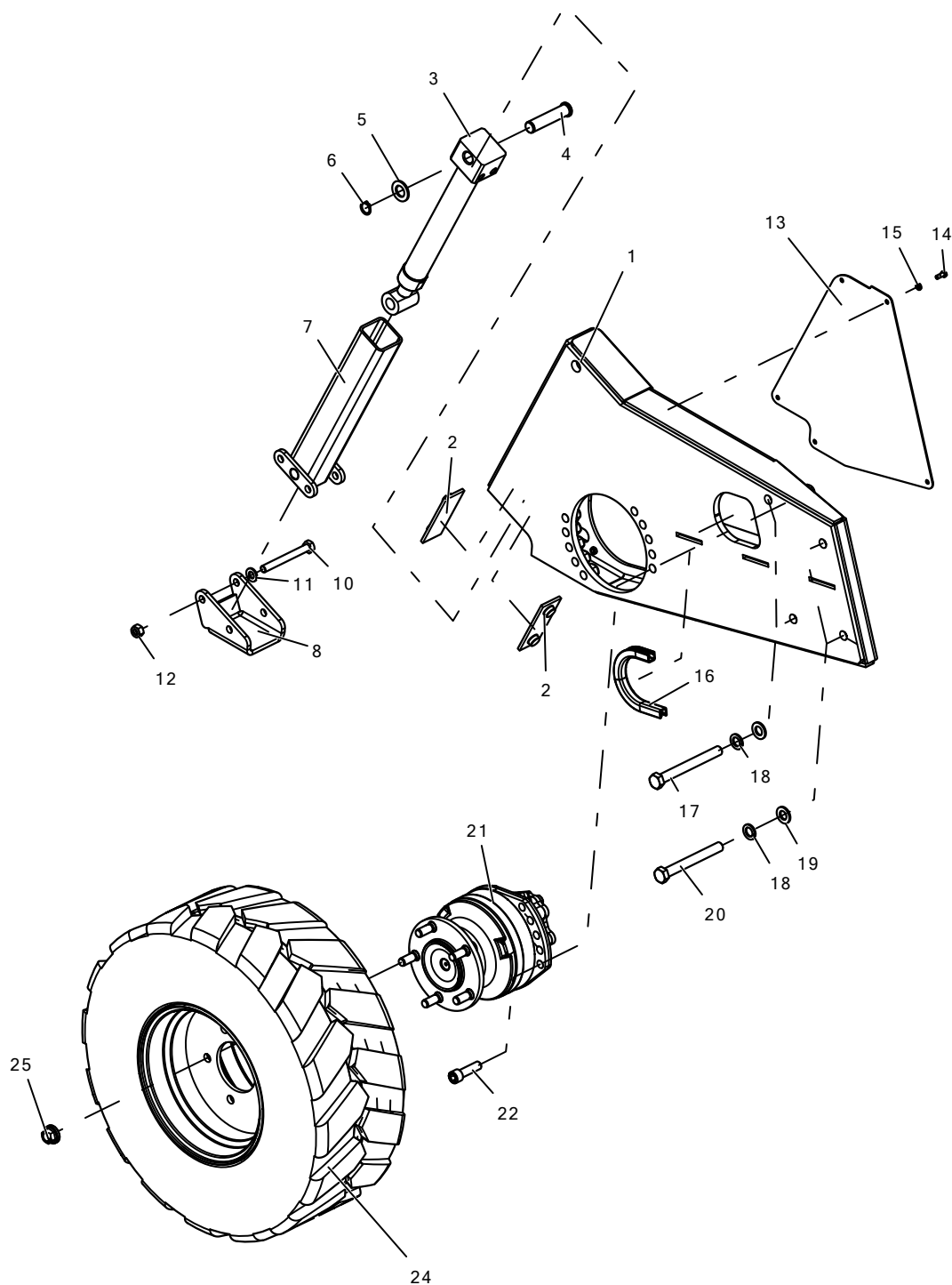


Figure 15: LM2-42-00 Front LH Standard Steer Wheel Assembly with 23" Tyre:

Item	Part no.	Description	Qty	Notes
1	LM2-417-00	FRONT LH 23" WHEEL PLATE	1	
2	YPAD1	NYLON WEAR PAD	2	
3	LM2-210-35	STABILISER CYLINDER	10	
4	LM2-44-01	TOP STABILISER PIN	1	
5	XW20AZ	M20 FORM A WASHER	1	
6	YCIRCLIP20	20 MM SHAFT EXTERNAL CIRCLIP	1	
7	LM2-416-00	STABILISER LEG	1	
8	LM2-416-03	STABILISER FOOT	1	
9	LM2-44-02	LOWER STABILISER PIN	1	
10	XS12110Z	M12 X 110 HEX HEAD SCREW 8.8	2	
11	XW12AZ	M12 FORM A WASHER	2	
12	XN12N	M12 NYLOC NUT	2	
13	LM2-418-15	FRON STANDARD WHEEL PLATE COVER	1	
14	XS06016Z	M6 X 16 HEX HEAD SCREW 8.8	5	
15	XW06AZ	M6 FORM A WASHER	5	
16	LM2-417-18	9-12 MM EDGE TRIM 220 MM LONG	1	
17	XS16150Z	M16 X 150 HEX HEAD BOLT 10.9	2	
18	XW16SZ	M16 SPRING WASHER	4	
19	XW16AZ	M16 FORM A WASHER	4	
20	XS16140Z	M16 X 140 HEX HEAD BOLT 10.9	2	
21	YMOTOR9	FRON MOTOR - 255 CC/REV - MS02	1	
22	XSC14050Z	M14 X 50 CAP HEAD SCREW 10.9	10	
23	XN14N	M15 NYLOC NUT	10	
24	YWHEEL7	23 X 9-10 COMPLETE WHEEL LH	1	
25	YWHLNUT1	M14 FLANGED WHEEL NUT	5	



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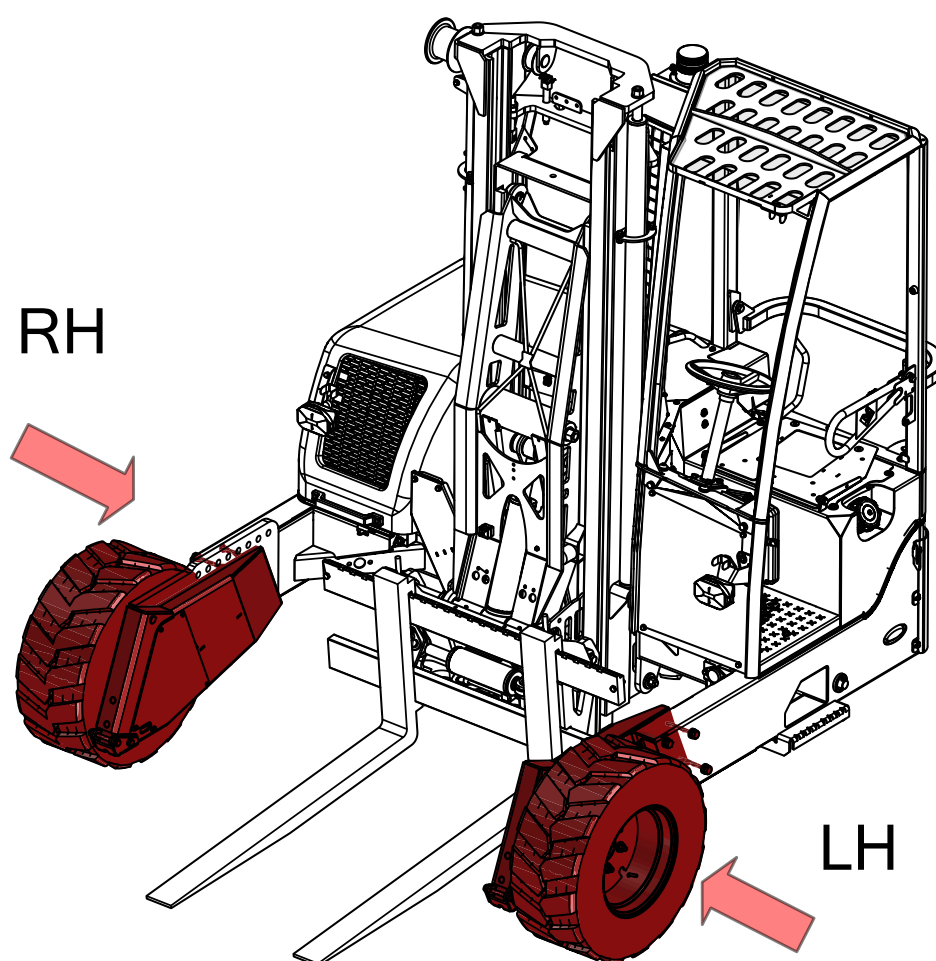


Figure 16: LM2-47-00 Front Standard Steer Wheel Assembly with 27" Tyre - Option - Breakdown

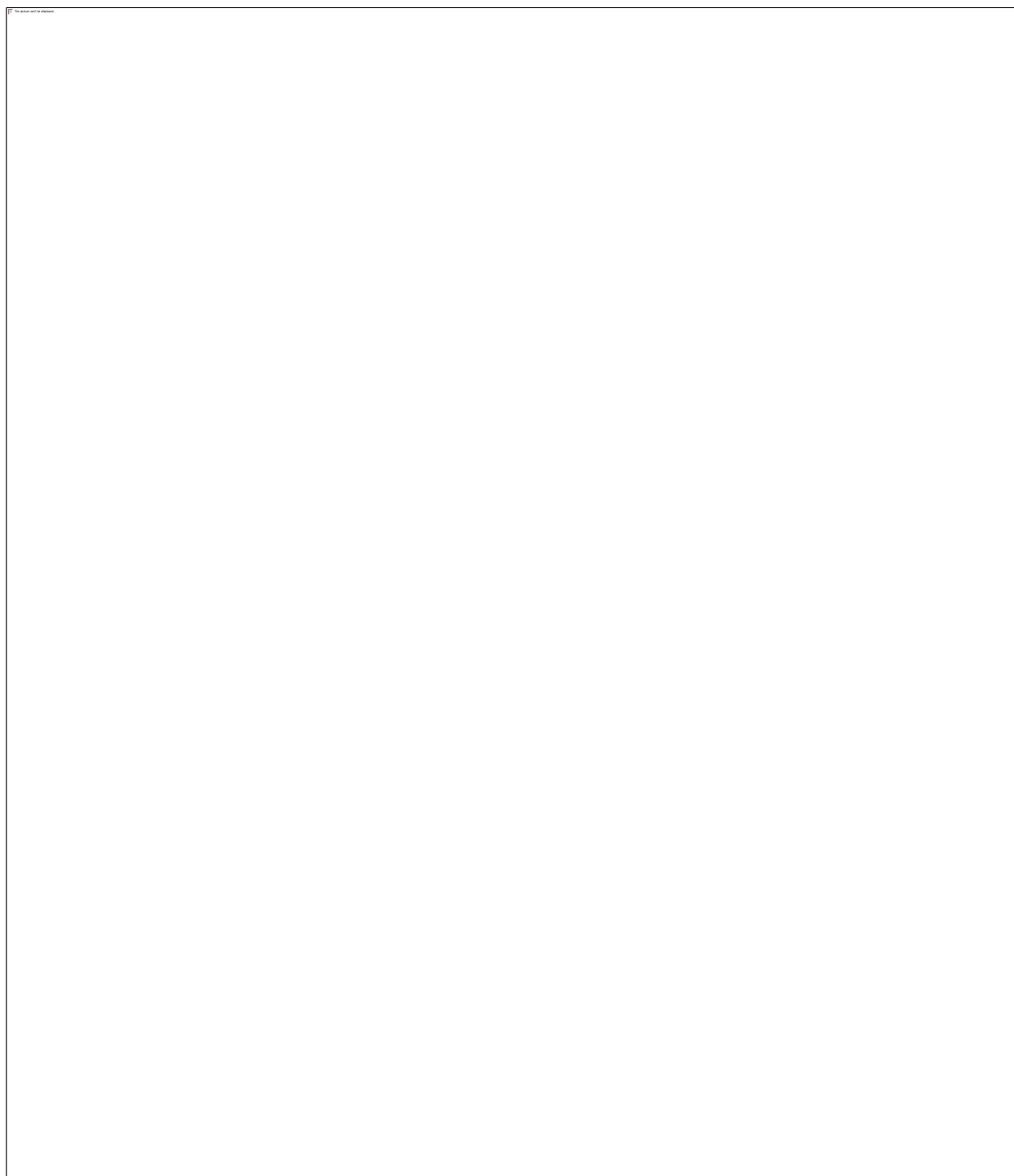


Figure 17: LM2-47-00 Front LH Standard Steer Wheel Assembly with 27" Tyre - Option

Item	Part no.	Description	Qty	Notes
1	LM2-417-20	FRONT LH 27" WHEEL PLATE	1	
2	YPAD1	NYLON WEAR PAD	2	
3	LM2-210-35	STABILISER CYLINDER	10	
4	LM2-44-01	TOP STABILISER PIN	1	
5	XW20AZ	M20 FORM A WASHER	1	
6	YCIRCLIP20	20 MM SHAFT EXTERNAL CIRCLIP	1	
7	LM2-416-00	STABILISER LEG	1	
8	LM2-416-03	STABILISER FOOT	1	
9	LM2-44-02	LOWER STABILISER PIN	1	
10	XS12110Z	M12 X 110 HEX HEAD SCREW 8.8	2	
11	XW12AZ	M12 FORM A WASHER	2	
12	XN12N	M12 NYLOC NUT	2	
13	LM2-418-15	FRON STANDARD WHEEL PLATE COVER	1	
14	XS06016Z	M6 X 16 HEX HEAD SCREW 8.8	5	
15	XW06AZ	M6 FORM A WASHER	5	
16	LM2-417-18	9-12 MM EDGE TRIM 220 MM LONG	1	
17	XS16150Z	M16 X 150 HEX HEAD BOLT 10.9	2	
18	XW16SZ	M16 SPRING WASHER	4	
19	XW16AZ	M16 FORM A WASHER	4	
20	XS16140Z	M16 X 140 HEX HEAD BOLT 10.9	2	
21	YMOTOR4	FRONT WHEEL - 364CC/REV - MS02	1	
22	XSC14050Z	M14 X 50 CAP HEAD SCREW 10.9	10	
23	XN14N	M14 NYLOC NUT	10	
24	YWHEEL11	27" X 10-12 COMPLETE WHEEL LH	1	
25	YWHLNUT1	M14 FLANGED WHEEL NUT	5	

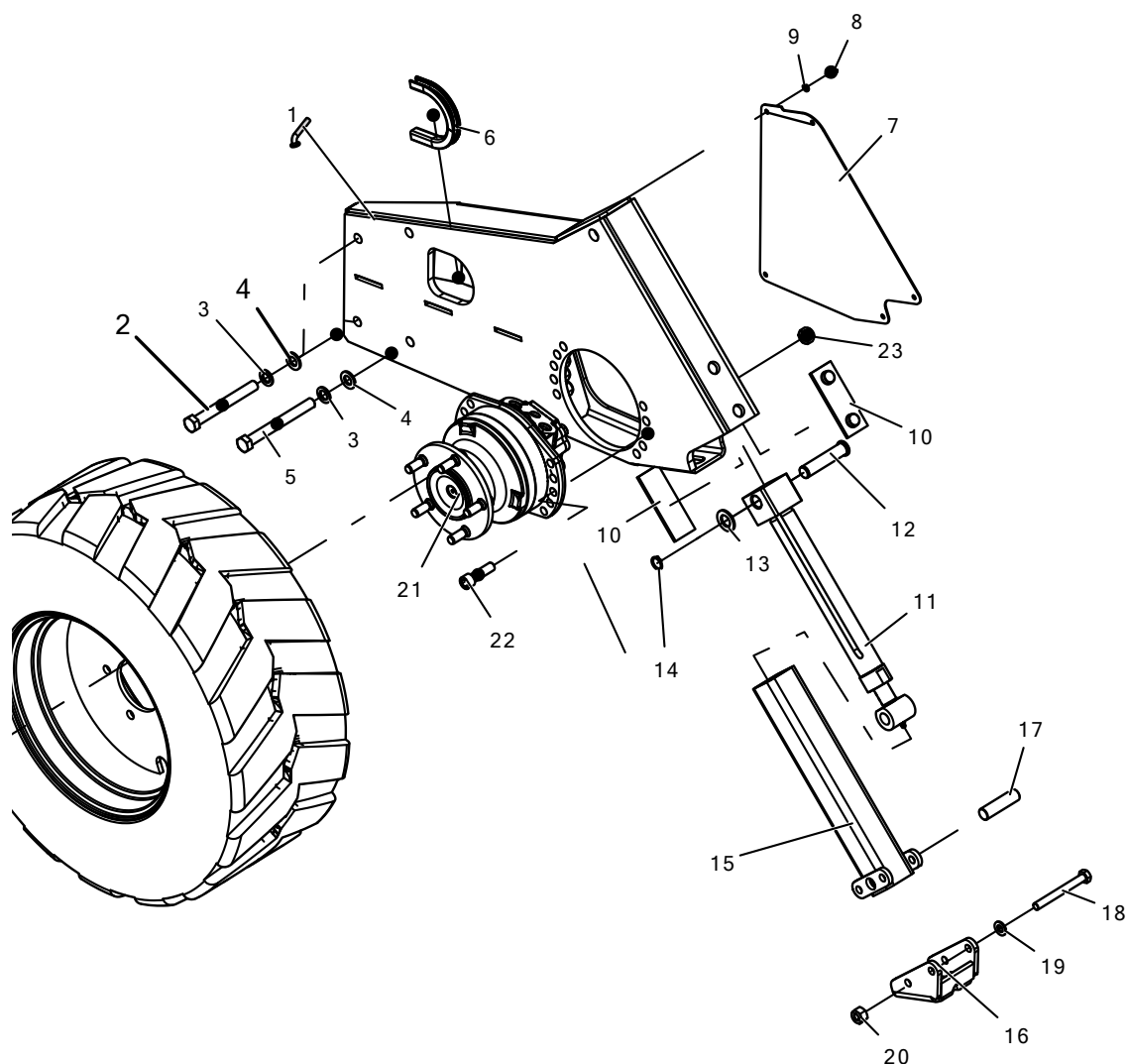


Figure 18: LM2-48-00 Front RH Standard Steer Wheel Assembly with 27" Tyre - Option

Item	Part no.	Description	Qty	Notes
1	LM2-418-00	FRONT RH 23" WHEEL PLATE	1	
2	XS16140Z	M16 X 140 HEX HEAD BOLT 10.9	2	
3	XW16SZ	M16 SPRING WASHER	4	
4	XW16AZ	M16 FORM A WASHER	2	
5	XS16150Z	M16 X 150 HEX HEAD BOLT 10.9	2	
6	LM2-417-18	9-12 MM EDGE TRIM 220 MM LONG	1	
7	LM2-418-15	FRONT STANDARD WHEEL PLATE COVER	1	
8	XS06016Z	M6 X 16 HEX HEAD SCREW 8.8	5	
9	XW06AZ	M6 FORM A WASHER	5	
10	YPAD1	NYLON WEAR PAD	2	
11	LM2-210-35	STABILISER CYLINDER	1	
12	LM2-44-01	TOP STABILISER PIN	1	
13	XW20Z	M20 FORM A WASHER	1	
14	YCIRCLIP20	20 MM SHAFT EXTERNAL CIRCLIP	1	
15	LM2-416-00	STABILISER LEG	1	
16	LM2-416-03	STABILISER FOOT	1	
17	LM2-44-02	LOWER STABILISER PIN	1	
18	XS12110Z	M12 X 110 HEX HEAD SCREW 8.8	2	
19	XW12Z	M12 FORM A WASHER	2	
20	XN12N	M12 NYLOC NUT	2	
21	YMOTOR4	FRONT MOTOR - 364CC/REV - MS02	1	
22	XSC14050Z	M14 X 50 CAP HEAD SCREW 10.9	10	
23	XN14N	M14 NYLOC NUT	10	
24	YWHEEL22	27x10-12 COMPLETE WHEEL RH	1	
25	YWHLNUT1	M14 FLANGED WHEEL NUT	1	



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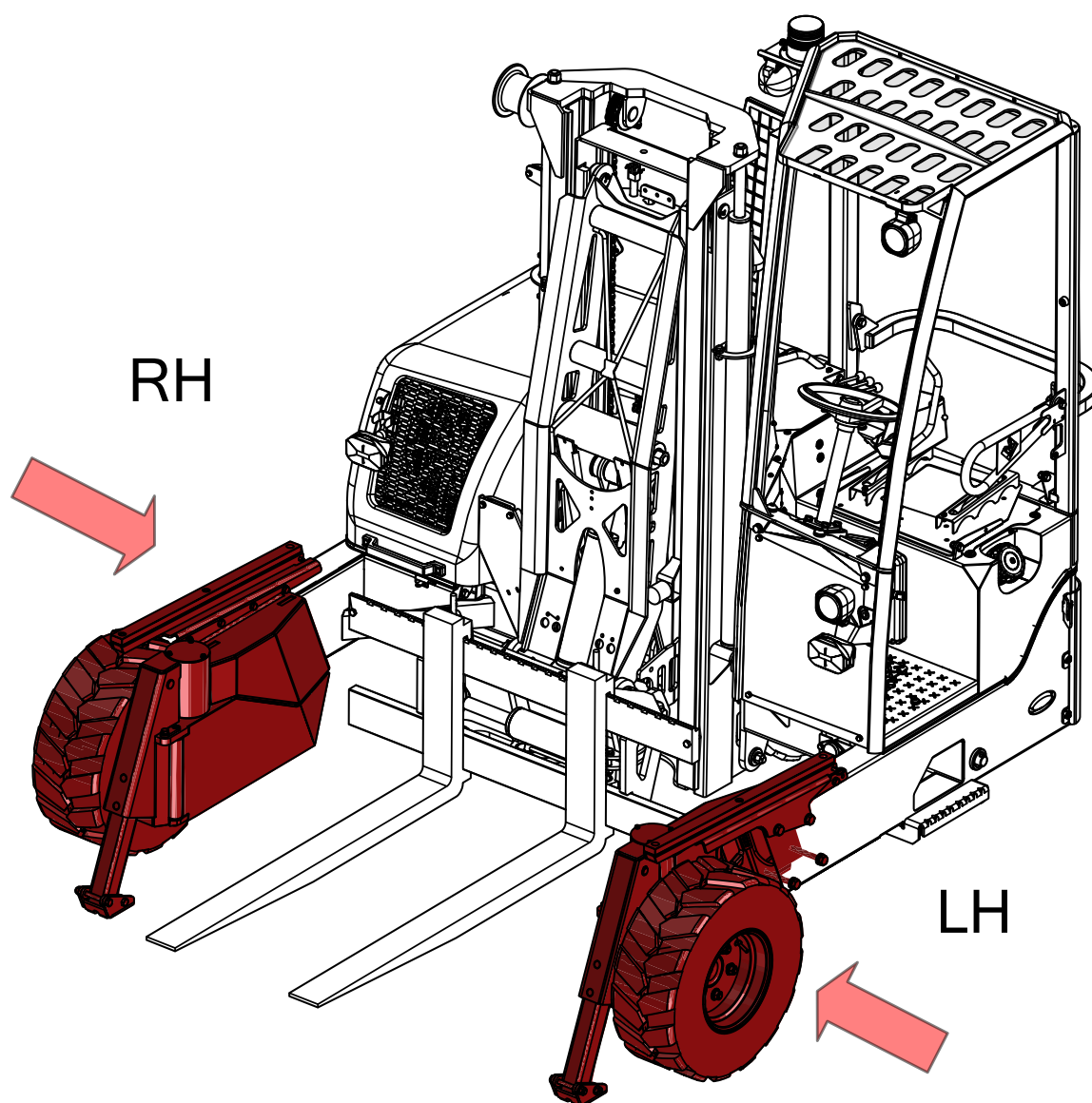


Figure 19: LM2-44-00 Front LH/RH Multi Directional Steer Wheel with 23" Tyres - Option - Breakdown

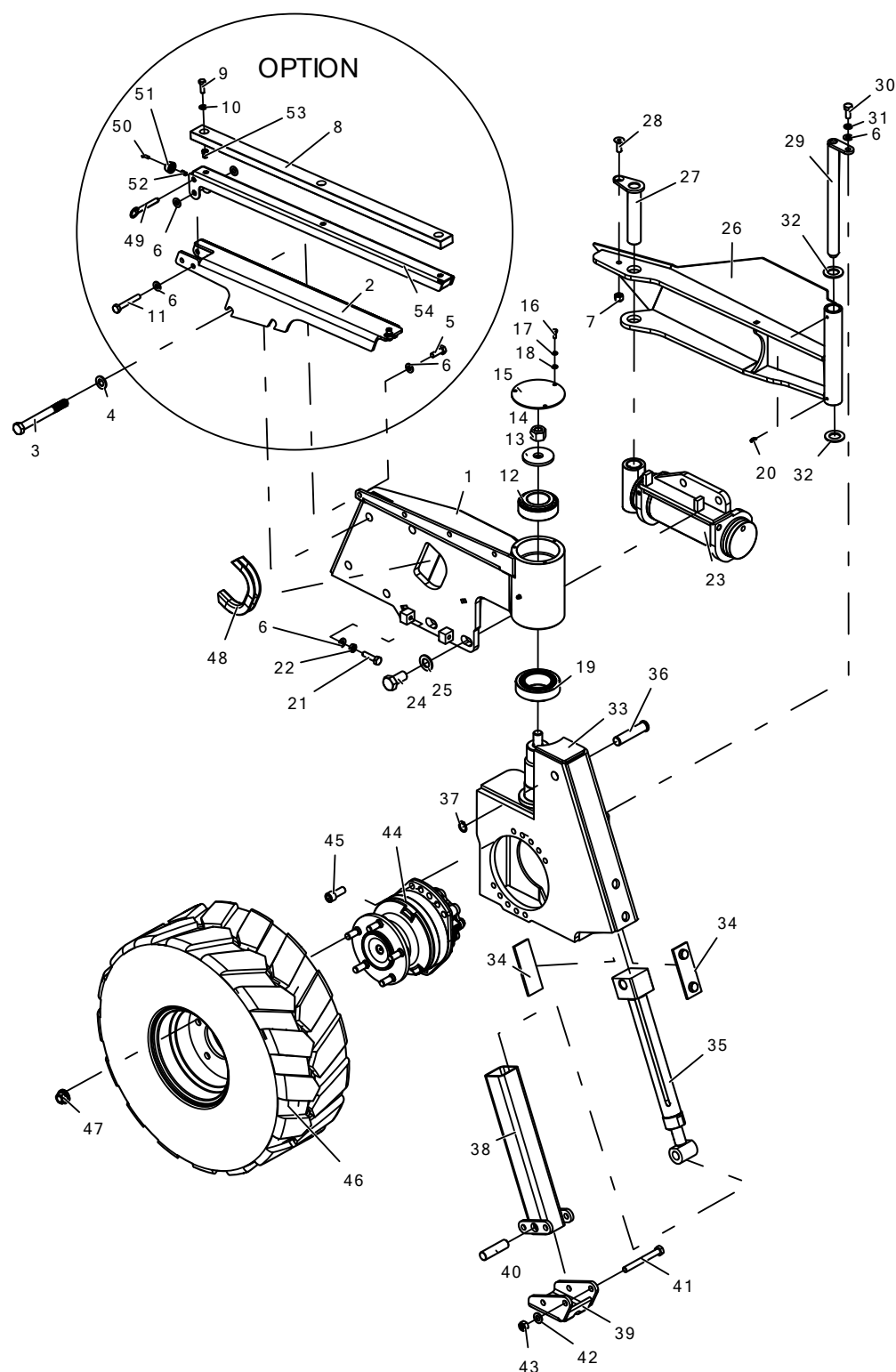


Figure 20: LM2-44-00 Front RH Multi-Directional Steer Assembly with 23" Tyre - Option

Item	Part no.	Description	Qty	Notes
1	LM2-441-00	RH BEARING ARM WHEEL PLATE	1	
2	LM2-440-09	RH LOAD REST CHANNEL	1	LOADREST OPTION
3	XB16150Z	M16 X 150 HEX HEAD BOLT 10.9	4	
4	XW16AZ	M16 FORM A WASHER	4	
5	XS10030Z	M10 X 35 HEAX HEAD SCREW 8.8	4	
6	XW10AZ	M10 FORM A WASHER	10	
7	XN10N	M10 NYLOC NUT	1	
8	LM2-440-15	225 WOODEN LOAD REST	1	LOADREST OPTION
9	XS08025Z	M8 X HEX HEAD SCREW 8.8	3	
10	XW08AZ	M8 FORM A WASHER	3	
11	XS10070Z	M10 X 70 HEX HEAD SCREW 8.8	1	
12	YBEARING33	TAPER ROLLER BEARING (TOP) 33210	1	
13	LM2-44-07	TAPER BEARING SET RETAINING WASHER	1	
14	XN20N	M20 NYLOC NUT	1	
15	LM2-44-03	BEARING HOUSING CAP	1	
16	XS06016Z	M6 X 16 HEX HEAD SCREW 8.8	3	
17	XW06SZ	M6 SPRING WASHER	3	
18	XW06AZ	M6 FORM A WASHER	3	
19	YBEARING32	TAPER ROLLER BEARING (BOTTOM) 33112	1	
20	YGN0600	M6 STRAIGHT GREASE NIPPLE	4	
21	XS10040Z	M10 X 40 HEX HEAD SCREW 8.8	2	
22	XN10HZ	M10 HALF NUT	2	
23	LM2-210-38	RH MULTI-DIRECTIONAL STEER CYLINDER	1	
24	XB20040Z	M20 X 40 HEX HEAD SCREW 8.8	2	
25	XW20AZ	M20 FORM A WASHER	2	

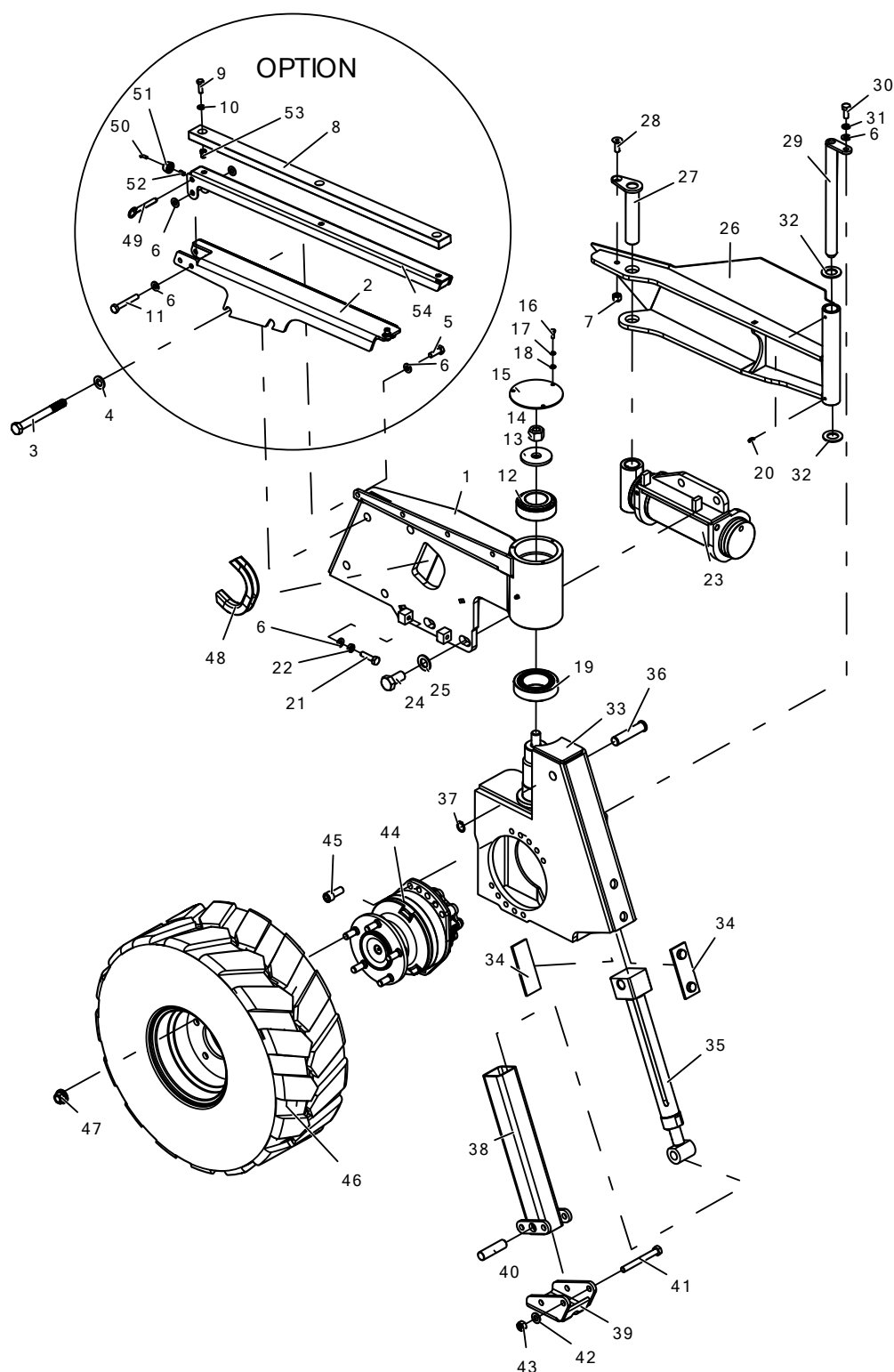


Figure 21: LM2-44-00 Front RH Multi-Directional Steer Assembly with 23" Tyre - Option

Item	Part no.	Description	Qty	Notes
26	LM2-447-00	RH LINK ARM	1	
27	LM2-449-00	SHORT LINK ARM PIN	1	
28	XSK10030SKTZ	M10 X 30 COUNTERSINK SCREW 8.8	1	
29	LM2-448-00	LONG LINK ARM PIN	1	
30	XS10025Z	M10 X 25 HEX HEAD SCREW 8.8	1	
31	XW10SZ	M10 SPRING WASHER	1	
32	XW24AZ	M24 FORM A WASHER	2	
33	LM2-443-00	RH 23" MULTI-DIRECTIONAL WHEEL MOTOR PLATE	1	
34	YPAD1	NYLON WEAR PAD	2	
35	LM2-210-35	STABILISER CYLINDER	1	
36	LM2-44-01	TOP STABILISER PIN	1	
37	YCIRCLIP20	20 MM SHAFT EXTERNAL CIRCLIP	1	
38	LM2-416-00	STABILISER LEG	1	
39	LM2-416-03	STABILISER FOOT	1	
40	LM2-44-02	LOWER STABILISER PIN	1	
41	XS12110Z	M12 X 110 HEX HEAD SCREW 8.8	2	
42	XW12AZ	M12 FORM A WASHER	2	
43	XN12N	M12 NYLOC NUT	2	
44	YMOTOR10	FRONT MOTOR - 255 CC/REV - MS02	1	
45	XSC14050Z	M14 X 35 CAP HEAD SCREW 10.9	10	
46	YWHEEL8	23x9-10 WHEEL	1	
47	YWHLNUT1	M14 FLANGED WHEEL NUT	16	
48	LM2-440-16	15-17MM EDGE TRIM 216 MM LONG	1	
49	YPIN5	DETENT PIN 3/8" X 2"	1	
50	XBUT05016SKTZB	M5 X 16 BUTTON HEAD SCREW 8.8	1	
51	YBUFFER1	BUFFER	1	
52	XNS05H	M5 OPEN HEX NUTSERT	1	
53	XNS08H	M8 OPEN HEX NUTSERT	2	
54	LM2-440-19	LOADREST HINGE BRACKET	1	LOADREST OPTION

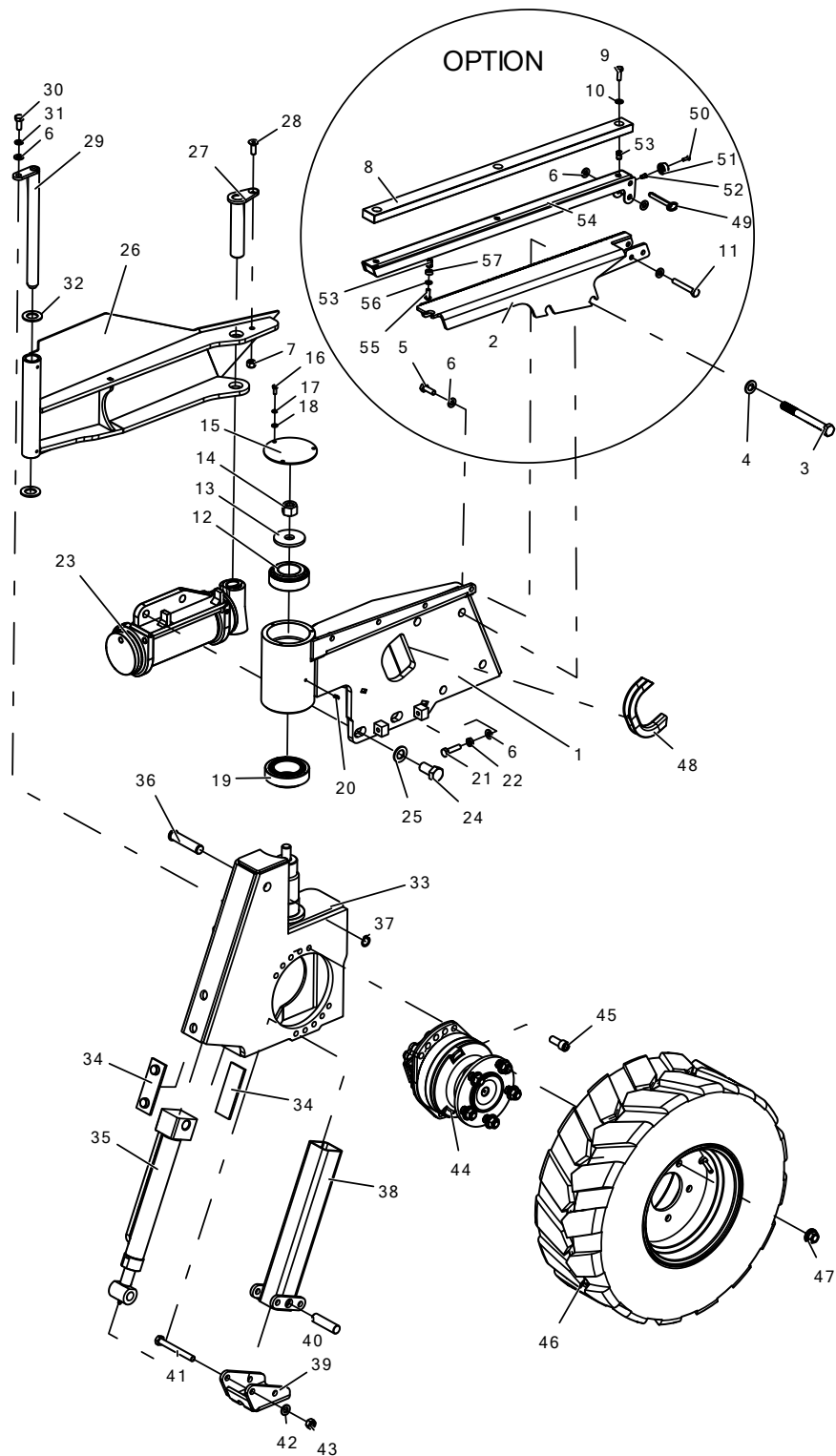


Figure 22: LM2-44-00 Front LH Multi-Directional Steer Assembly with 23" Tyre - Option

Item	Part no.	Description	Qty	Notes
1	LM2-440-00	LH BEARING ARM WHEEL PLATE	1	
2	LM2-440-13	LH LOAD REST CHANNEL	1	LOADREST OPTION
3	XB16150Z	M16 X 150 HEX HEAD BOLT 10.9	4	
4	XW16AZ	M16 FORM A WASHER	4	
5	XS10030Z	M10 X 35 HEX HEAD SCREW 8.8	4	
6	XW10AZ	M10 FORM A WASHER	11	
7	XN10N	M10 NYLOC NUT	1	
8	LM2-440-15	225 WOODEN LOAD REST	1	LOADREST OPTION
9	XS08025Z	M8 X HEX HEAD SCREW 8.8	3	
10	XW08AZ	M8 FORM A WASHER	3	
11	XS10070Z	M10 X 70 HEX HEAD SCREW 8.8	1	
12	YBEARING33	TAPER ROLLER BEARING (TOP) 33210	1	
13	LM2-44-07	TAPER BEARING SET RETAINING WASHER	1	
14	XN20N	M20 NYLOC NUT	1	
15	LM2-44-03	BEARING HOUSING CAP	1	
16	XS06016Z	M6 X 16 HEX HEAD SCREW 8.8	3	
17	XW06SZ	M6 SPRING WASHER	3	
18	XW06AZ	M6 FORM A WASHER	3	
19	YBEARING32	TAPER ROLLER BEARING (BOTTOM) 33112	1	
20	YGN0600	M6 STRAIGHT GREASE NIPPLE	4	
21	XS10040Z	M10 X 40 HEX HEAD SCREW 8.8	2	
22	XN10HZB	M10 HALF NUT	2	
23	LM2-210-37	LH MULTI-DIRECTIONAL STEER CYLINDER	1	
24	XB20040Z	M20 X 40 HEX HEAD SCREW 8.8	2	
25	XW20Z	M20 FORM A WASHER	2	
26	LM2-446-00	LH LINK ARM	1	

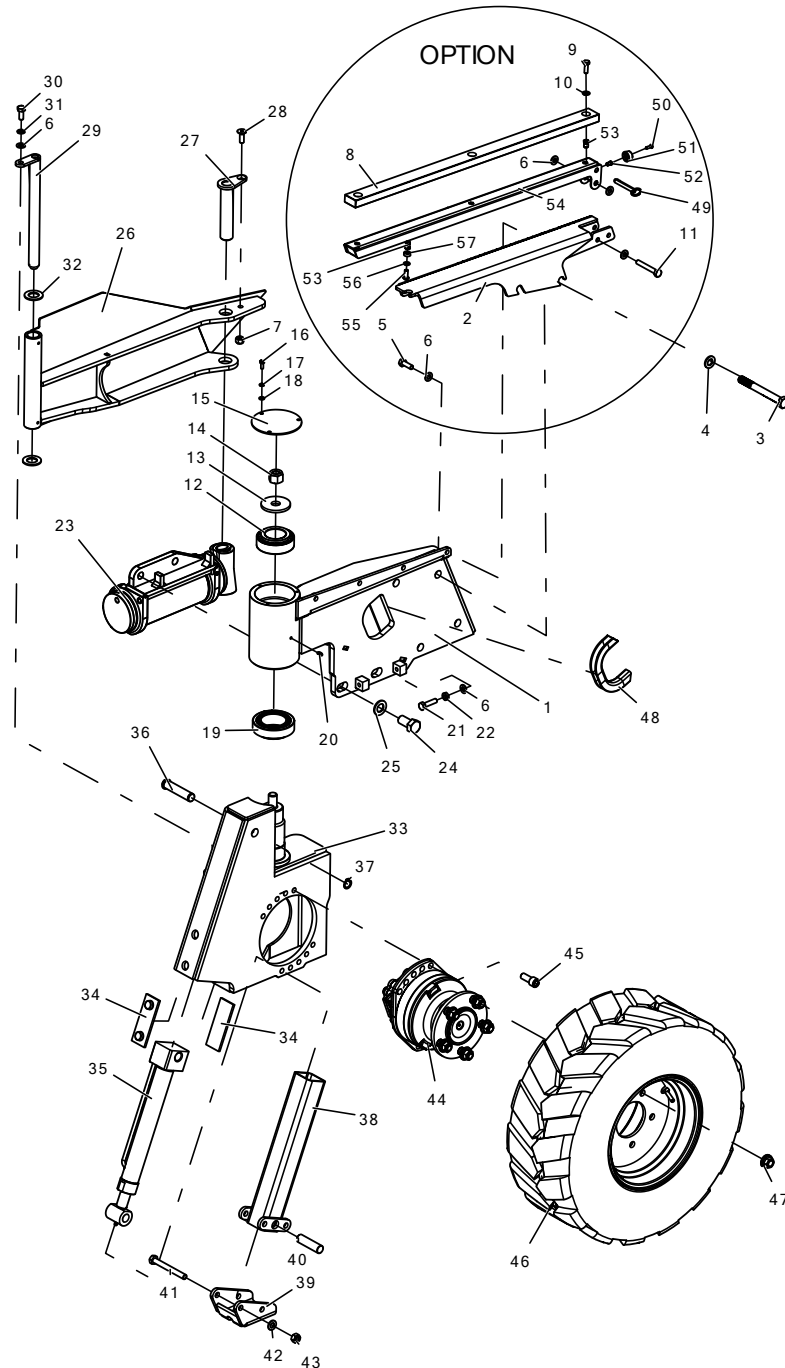


Figure 23: LM2-44-00 Front LH Multi-Directional Steer Assembly with 23" Tyre - Option

Item	Part no.	Description	Qty	Notes
27	LM2-449-00	SHORT LINK ARM PIN	1	
28	XSK10030SKTZ	M10 X 30 COUNTERSINK SCREW 8.8	1	
29	LM2-448-00	LONG LINK ARM PIN	1	
30	XS10025Z	M10 X 25 HEX HEAD SCREW 8.8	1	
31	XW10SZ	M10 SPRING WASHER	1	
32	XW24AZ	M24 FORM A WASHER	2	
33	LM2-442-00	LH 23" MULTI-DIRECTIONAL WHEEL MOTOR PLATE	1	
34	YPAD1	WEAR PAD	2	
35	LM2-210-35	STABILISER CYLINDER	1	
36	LM2-44-01	TOP STABILISER PIN	1	
37	YCIRCLIP20	20 MM SHAFT EXTERNAL CIRCLIP	1	
38	LM2-416-00	STABILISER LEG	1	
39	LM2-416-03	STABILISER FOOT	1	
40	LM2-44-02	LOWER STABILISER PIN	1	
41	XS12110Z	M12 X 110 HEX HEAD SCREW 8.8	2	
42	XW12AZ	M12 FORM A WASHER	2	
43	XN12N	M12 NYLOC NUT	2	
44	YMOTOR10	FRONT MOTOR - 255 CC/REV - MS02	1	
45	XSC14050Z	M14 X 35 CAP HEAD SCREW 10.9	10	
46	YWHEEL7	23x9-10 WHEEL	1	
47	YWHLNUT1	M14 FLANGED WHEEL NUT	5	
48	LM2-440-16	15-17MM EDGE TRIM 216 MM LONG	1	
49	YPIN5	DETENT PIN 3/8" X 2"	1	
50	XBUT05016SKTZB	M5 X 16 BUTTON HEAD SCREW 8.8	1	
51	YBUFFER1	BUFFER	1	
52	XNS05H	M5 OPEN HEX NUTSERT	1	
53	XNS08H	M8 OPEN HEX NUTSERT	4	
54	LM2-440-30	LOADREST HINGE BRACKET	1	LOADREST OPTION
55	BTN SKT SCREW	M8 X 20 BUTTON HEAD SCREW 8.8	1	
56	XW08SZ	M8 SPRING WASHER	1	
57	LM2-440-23	LOADREST LOCATING WASHER	1	



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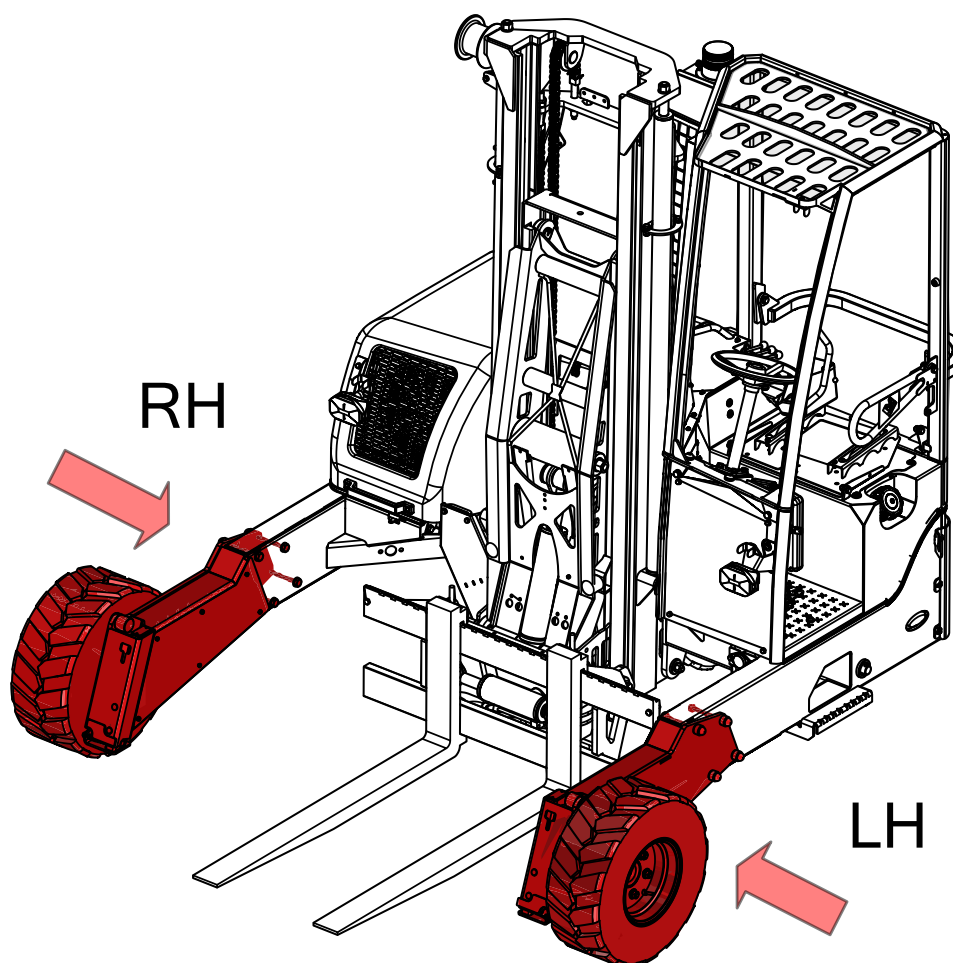


Figure 24: LM2-49-00 Wide Front Wheel Assembly - Option - Breakdown camera

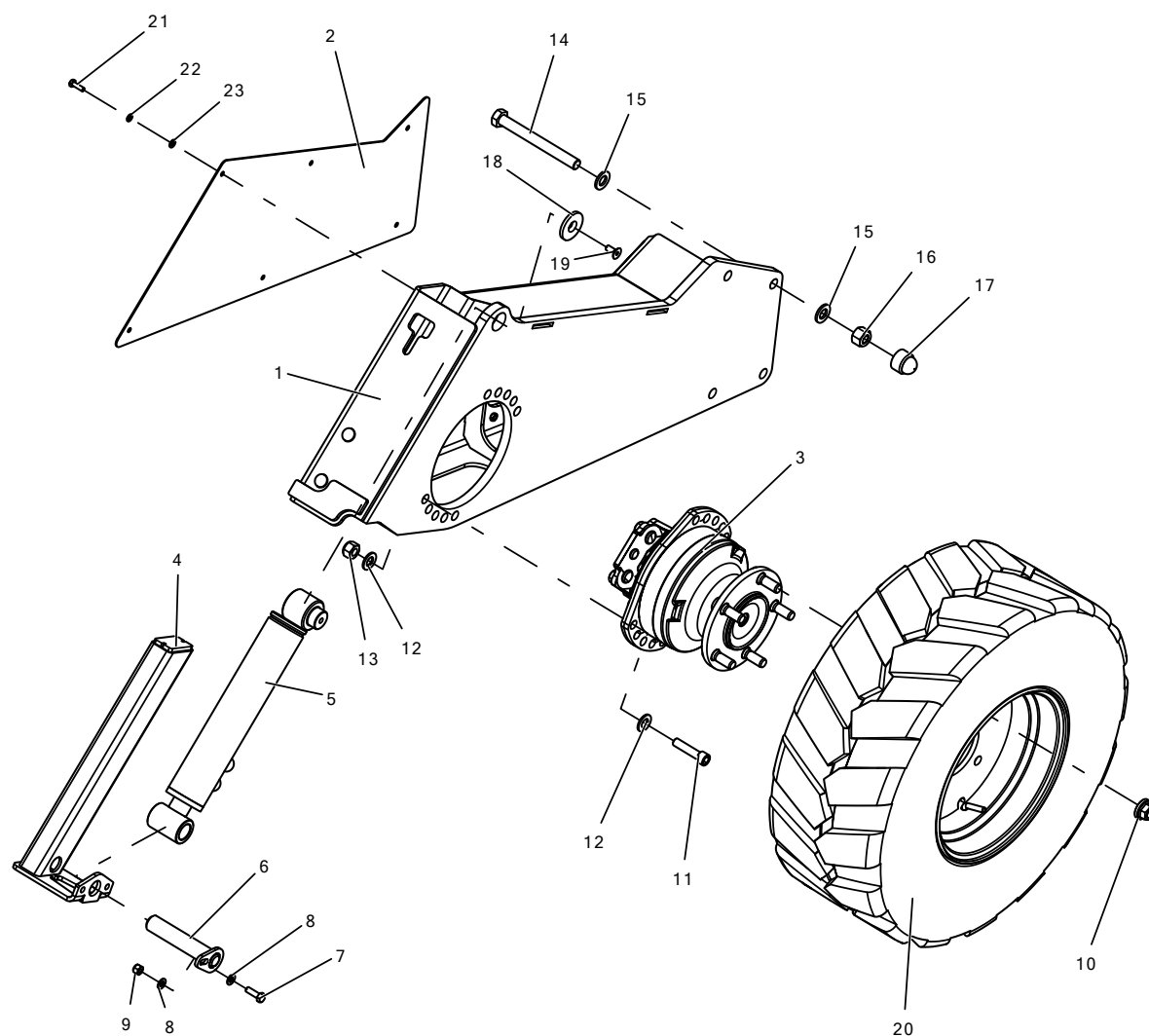


Figure 25 LM2-49-00 LH Wide Front Wheel Assembly with 23" Tyre - Option

Item	Part no.	Description	Qty	Notes
1	LM2-417-50	LH 23" 2-WAY WIDE FRONT WHEELPLATE	1	
2	LM2-417-62	WIDE FRONT WHEELPLATE COVER	1	
3	YMOTOR10	FRONT MOTOR - 255 CC/REV - MS02	1	
4	LM2-417-70	LH WIDE FRONT STABILISER LEG	1	
5	LM1-350-16	STABILIZER CYLINDER	1	
6	LM2-417-60	WIDE FRONT STABILISER PIN	1	
7	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	1	
8	XW08AZ	M8 FORM A WASHER	2	
9	XN08N	M8 NYLOC NUT	1	
10	YWHLNUT1	M14 FLANGED WHEEL NUT	5	
11	XSC14050Z	M14 X 50 CAP HEAD SCREW 10.9	10	
12	XW14AZ	M14 FORM A WASHER	20	
13	XN14N	M14 NYLOC NUT	10	
14	XS16150Z	M16 X 150 HERX HEAD BOLT 10.9	4	
15	XW16AZ	M16 FORM A WASHER	8	
16	XN16N	M16 NYLOC NUT	4	
17	YNUTCAP16	M16 NUT CAP BLACK PE	4	
18	LM1-350-08	RETAINING WASHER	1	
19	XCSK08020SKTZB	M8 X 20 COUNTER SUNK SCREW 8.8	1	
20	YWHEEL7	WHEEL FRONT 23x9-10 LH	1	
21	XS06020Z	M6 X 20 HEX HEAD SCREW 8.8	6	
22	XW06SZ	M6 SPRING WASHER	6	
23	XW06AZ	M6 FORM A WASHER	6	

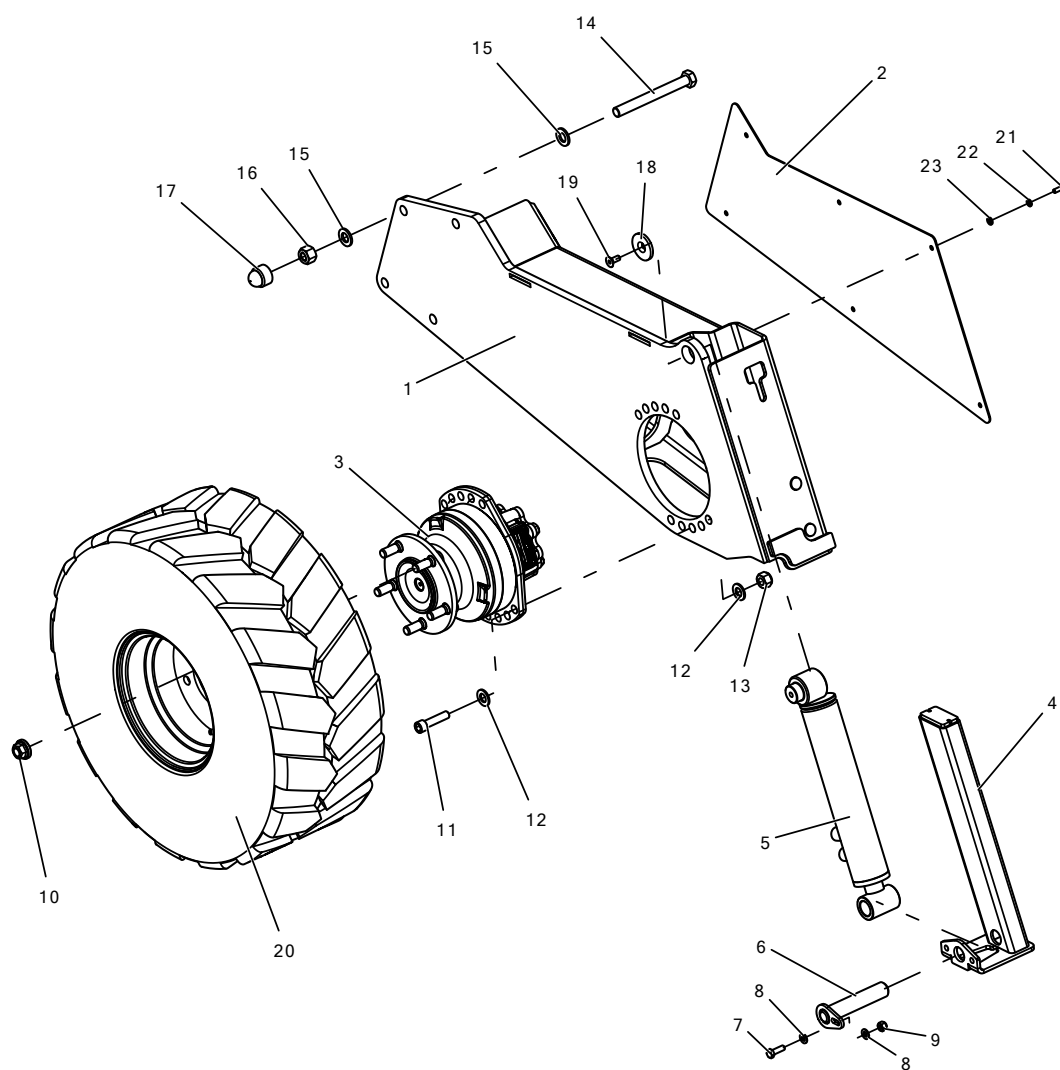


Figure 26 LM2-49-00 RH Wide Front Wheel Assembly with 23" Tyre - Option



Item	Part no.	Description	Qty	Notes
1	LM2-418-60	RH 23" 2-WAY WIDE FRONT WHEELPLATE	1	
2	LM2-417-62	WIDE FRONT WHEELPLATE COVER	1	
3	YMOTOR10	FRONT MOTOR - 255 CC/REV - MS02	1	
4	LM2-418-70	RH WIDE FRONT STABILISER LEG	1	
5	LM1-370-05	STABILIZER CYLINDER	1	
6	LM2-417-60	WIDE FRONT STABILISER PIN	1	
7	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	1	
8	XW08AZ	M8 FORM A WASHER	2	
9	XN08N	M8 NYLOC NUT	1	
10	YWHLNUT1	M14 WHEEL NUT SET	5	
11	XSC14050Z	M14 X 50 CAP HEAD SCREW 10.9	10	
12	XW14AZ	M14 FORM A WASHER	20	
13	XN14N	M14 NYLOC NUT	10	
14	XS16150Z	M16 X 150 HEX HEAD BOLT 10.9	4	
15	XW16AZ	M16 FORM A WASHER	8	
16	XN16N	M16 NYLOC NUT	4	
17	YNUTCAP16	M16 NUT CAP BLACK PE	4	
18	LM1-350-08	RETAINING WASHER	1	
19	XCSK08020SKTZB	M8 X 20 COUNTER SUNK SCREW 8.8	1	
20	YWHEEL8	WHEEL FRONT 23X9-10 RH	1	
21	XS06020Z	M6 X 20 HEX HEAD SCREW 8.8	6	
22	XW06SZ	M6 SPRING WASHER	6	
23	XW06AZ	M6 FORM A WASHER	6	



CHAPTER2: LM2-22-50 MAST ASSEMBLY

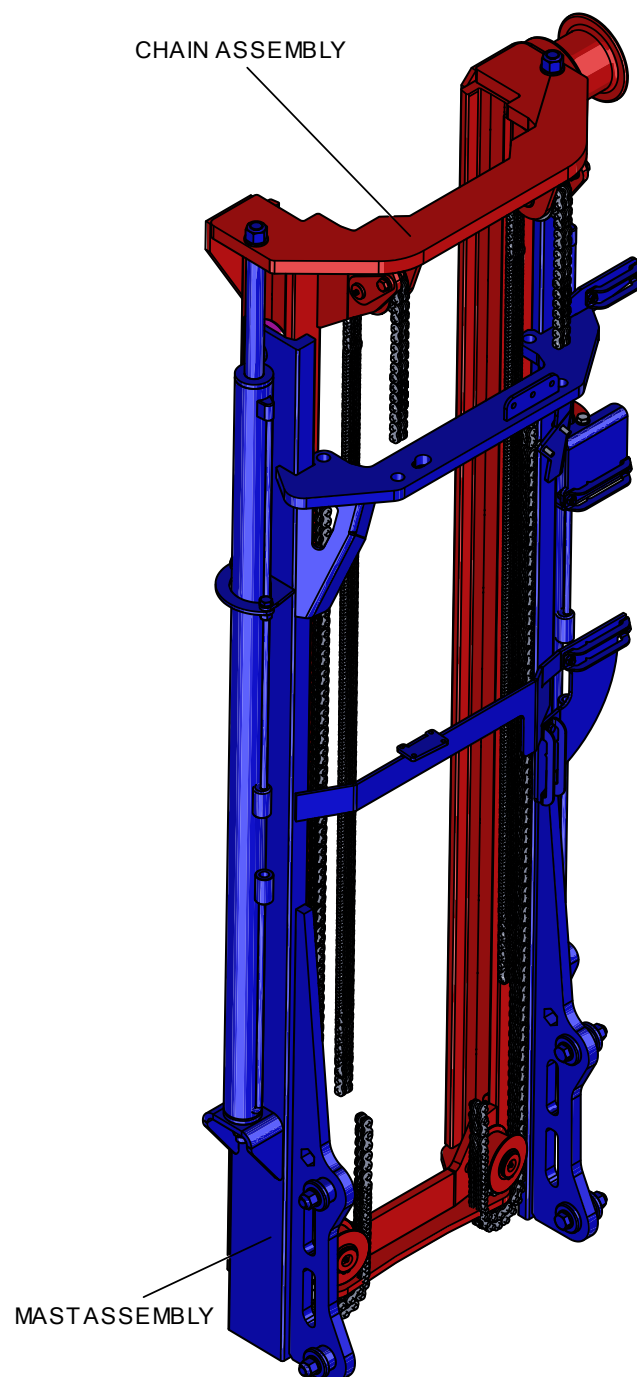


Figure 27: LM2-22-50 - 2.6 Metre Mast Standard (S1-S2 Only) - Breakdown

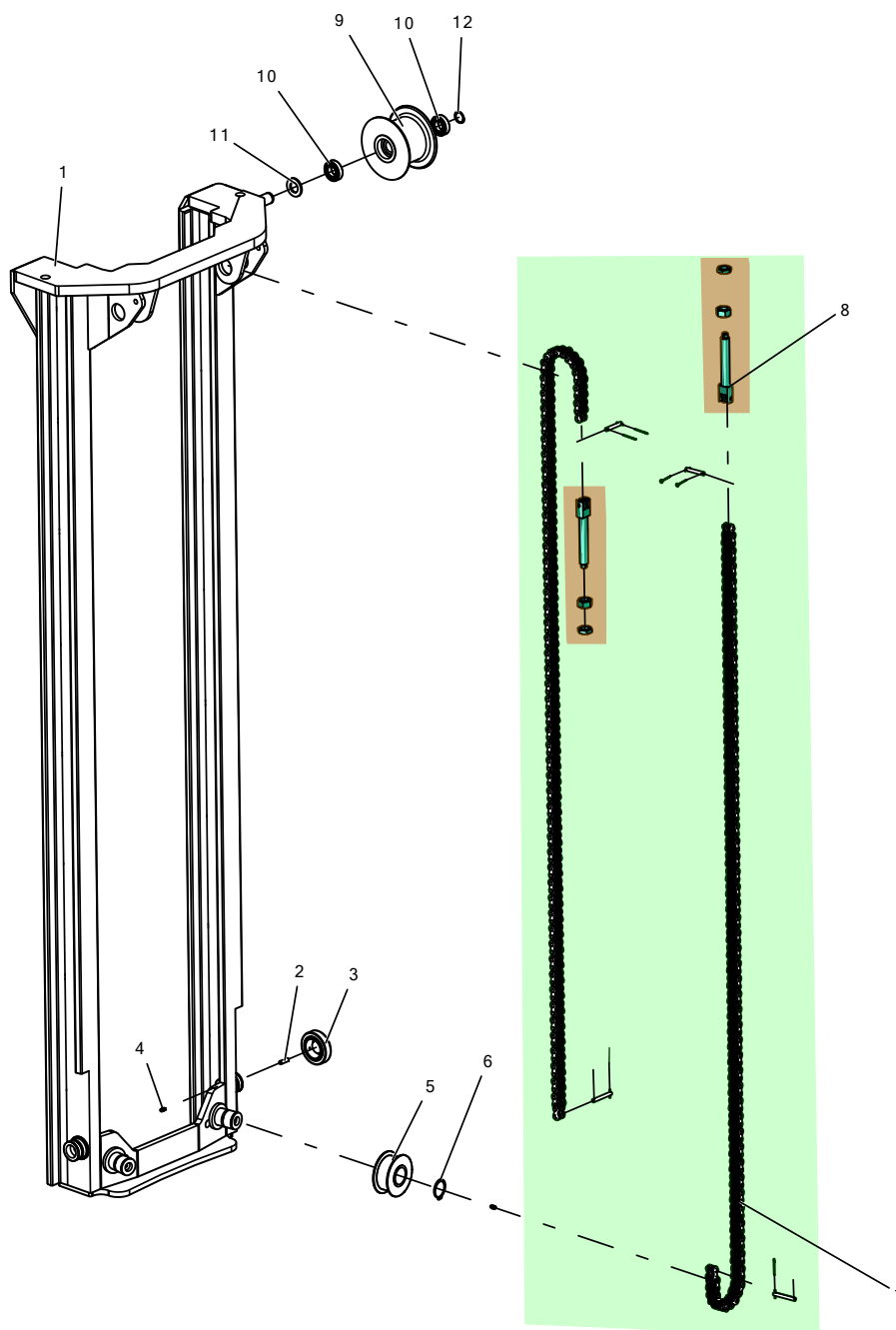


Figure 28: LM2-22-50 - 2.6 Metre Mast Standard (Stage 1 and Stage 2 Only) - Chain Assembly

Item	Part no.	Description	Qty	Notes
1	LM2-256-00	STAGE 2 MAST 2.6 M	1	
2	XG08025Z	M8 X 25 STEEL GRUB SCREW	2	
3	YBEARING7	MAST 77.7 MM PARALELL BEARING	2	
4	YGN0600	M6 STRAIGHT GREASE NIPPLE	4	
5	YROLLER1	MAST CHAIN ROLLER BEARING	4	
6	YCIRCLIP10	40 MM SHAFT EXTERNAL CIRCLIP	2	
7	YCHAINKIT3	2.6 M MAST CHAIN KIT	1	GREEN HIGHLIGHT
8	YCHAINBOLT1	UNIVERSAL CHAIN BOLT INCLUDES NUT + HALF NUT	4	ORANGE HIGHLIGHT
9	LM1-204-01	HOSE ROLLER 6 BERTH	1	
10	YBEARING18	48 MM SEALED ROLLER BEARING	2	
11	XW24AZ	M24 FORM A WASHER	1	
12	YCIRCLIP5	25 MM SHAFT EXTERNAL CIRCLIP	1	

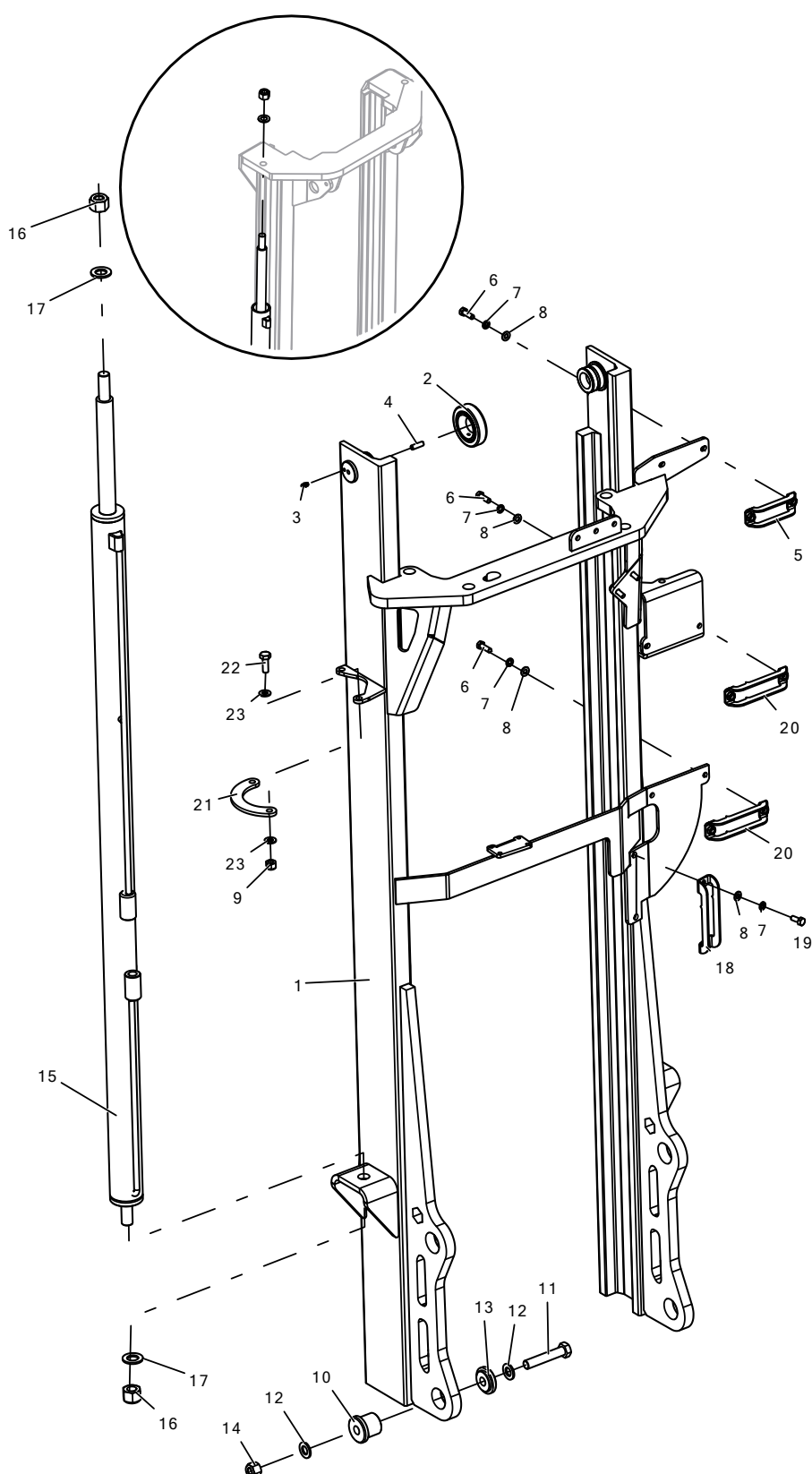


Figure 29: LM2-22-50 - 2.6 Metre Mast Standard (Stage 1 and Stage 2 Only) - Mast Assembly

Item	Part no.	Description	Qty	Notes
1	LM2-261-00	STAGE 1 MAST - 2.6 M	1	
2	YBEARING23	MAST 78 MM 1 DEG TAPER BEARING SET	2	
3	YGN0600	M6 STRAIGHT GREASE NIPPLE	2	
4	XG08025Z	M8 X 25 STEEL GRUB SCREW	2	
5	LM2-218-03	HOSE CLAMP - 6 BERTH	1	
6	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	6	
7	XW08SZ	M8 SPRING WASHER	7	
8	XW08AZ	M8 FORM A WASHER	10	
9	XN10N	M10 NYLOC NUT	4	
10	LM2-200-18	MAST FIXING BOSS	4	
11	XS16085Z	M16 X 85 HEX HEAD SCREW 8.8	4	
12	XW16AZ	M16 FORM A WASHER	8	
13	LM2-200-19	MAST FIXING BOSS CAP	4	
14	XN16N	M16 NYLOC NUT	4	
15	LM2-210-05	2.6 M LIFT CYLINDER	2	
16	XN20N	M20 NYLOC NUT	4	
17	XW20AZ	M20 FORM A WASHER	4	
18	LM2-218-13	HOSE CLAMP - 8 BERTH ANGLED	1	
19	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	2	
20	LM2-218-20	HOSE CLAMP - 8 BERTH STRAIGHT	2	
21	LM2-240-19	CYLINDER CLAMP LATCH	2	
22	XS10030Z	M10 X 30 HEX HEAD SCREW 8.8	4	
23	XW10AZ	M10 FORM A WASHER	8	

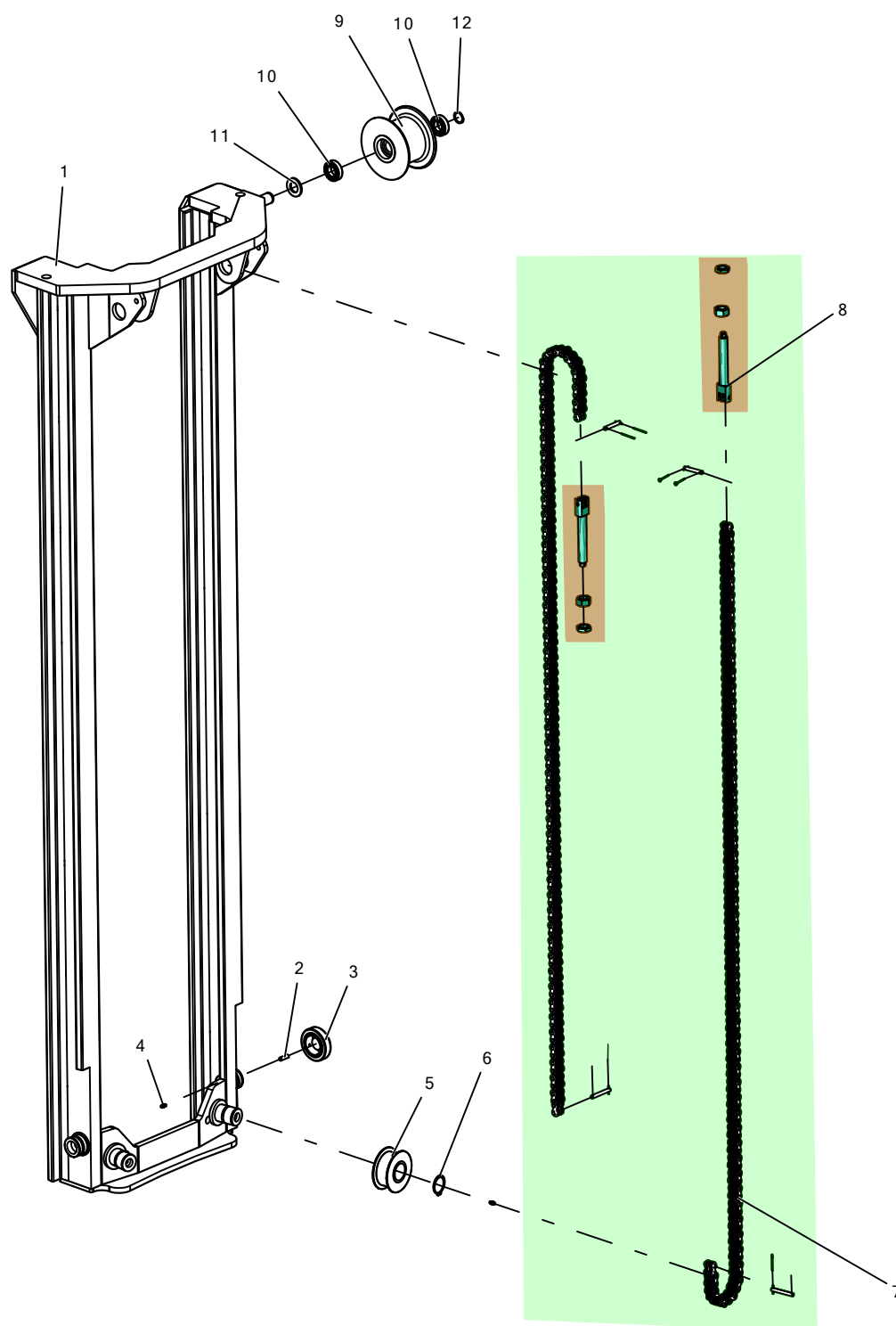


Figure 30: LM2-20-50 - 3.1 Metre Mast Option (Stage 1- and Stage 2 Only) - Chain Assembly

Item	Part no.	Description	Qty	Notes
1	LM2-246-00	STAGE 2 MAST 3.1 M	1	
2	XG08025Z	M8 X 25 STEEL GRUB SCREW	4	
3	YBEARING7	MAST 77.7 MM PARALELL BEARING	2	
4	YGN0600	M6 STRAIGHT GREASE NIPPLE	4	
5	YROLLER1	MAST CHAIN ROLLER BEARING	4	
6	YCIRCLIP10	40 MM SHAFT EXTERNAL CIRCLIP	2	
7	YCHAINKIT1	3.1 M MAST CHAIN KIT	1	GREEN HIGHLIGHT
8	YCHAINBOLT1	UNIVERSAL CHAIN BOLT WITH NUT + HALF NUT	4	ORANGE HIGHLIGHT
9	LM1-204-01	HOSE ROLLER 6 BERTH	1	
10	YBEARING18	48 MM SEALED ROLLER BEARING	2	
11	XW24AZ	M24 FORM A WASHER	1	
12	YCIRCLIP5	25 MM SHAFT EXTERNAL CIRCLIP	1	

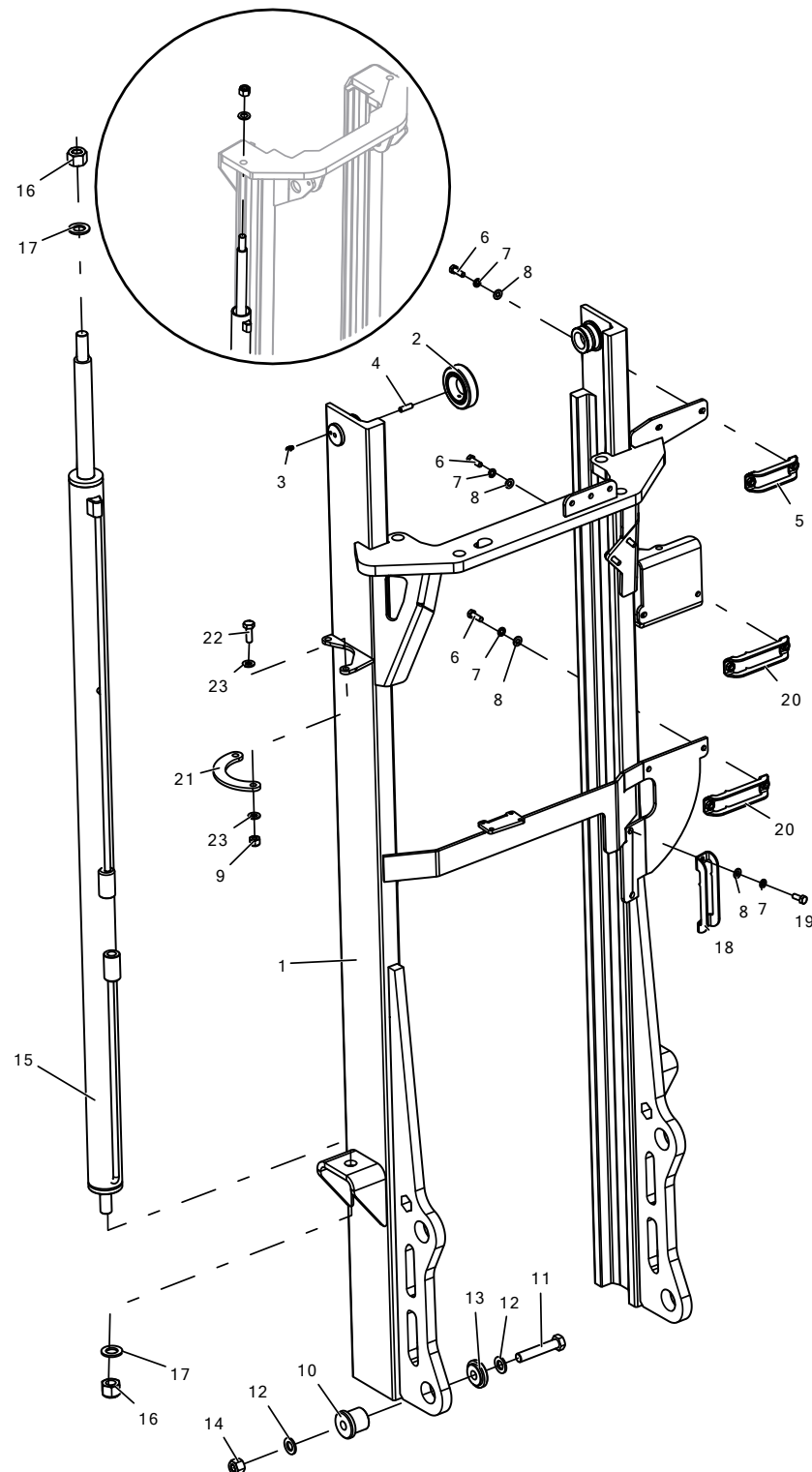


Figure 31: LM2-20-50 - 3.1 Metre Mast Option (Stage 1 and Stage 2 Only) - Mast Assembly

Item	Part no.	Description	Qty	Notes
1	LM2-241-00	STAGE 1 MAST - 3.1 M	1	
2	YBEARING23	MAST 78 MM 1 DEG TAPPER BEARING SET	2	
3	YGN0600	M6 STRAIGHT GREASE NIPPLE	2	
4	XG08025Z	M8 X 25 STEEL GRUB SCREW	2	
5	LM2-218-03	HOSE CLAMP - 6 BERTH	1	
6	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	6	
7	XW08SZ	M8 SPRING WASHER	10	
8	XW08AZ	M8 FORM A WASHER	10	
9	XN10N	M10 NYLOC NUT	4	
10	LM2-200-18	MAST FIXING BOSS	4	
11	XS16085Z	M16 X 85 HEX HEAD SCREW 8.8	4	
12	XW16AZ	M16 FORM A WASHER	8	
13	LM2-200-19	MAST FIXING BOSS CAP	4	
14	XN16N	M16 NYLOC NUT	4	
15	LM2-210-06	3.1 M LIFT CYLINDER	2	
16	XN20N	M20 NYLOC NUT	4	
17	XW20AZ	M20 FORM A WASHER	4	
18	LM2-218-13	HOSE CLAMP - 8 BERTH STRAIGHT	1	
19	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	2	
20	LM2-218-20	HOSE CLAMP - 8 BERTH STRAIGHT	2	
21	LM2-240-19	CYLINDER CLAMP LATCH	2	
22	XS10030Z	M10 X 30 HEX HEAD SCREW 8.8	4	
23	XW10AZ	M10 FORM A WASHER	8	

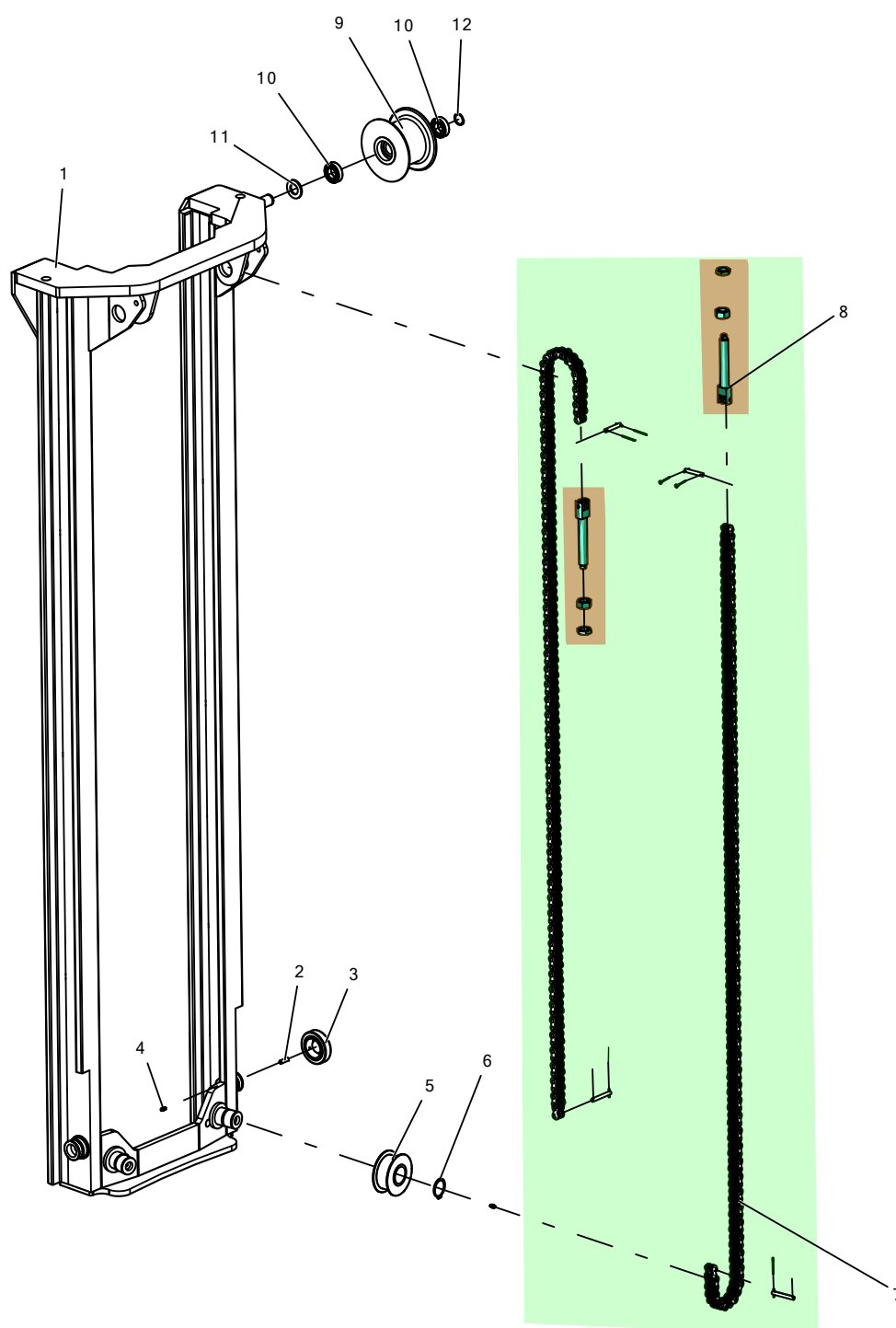


Figure 32: LM2-21-50 - 3.6 Metre Mast option (Stage 1 and Stage 2 Only) - Chain Assembly

Item	Part no.	Description	Qty	Notes
1	LM2-237-00	STAGE 2 MAST 3.6 M	1	
2	XG08025Z	M8 X 25 STEEL GRUB SCREW	2	
3	YBEARING7	MAST 77.7 MM PARALELL BEARING	2	
4	YGN0600	M6 STRAIGHT GREASE NIPPLE	3	
5	YROLLER1	MAST CHAIN ROLLER BEARING	4	
6	YCIRCLIP10	40 MM SHAFT EXTERNAL CIRCLIP	2	
7	YCHAINKIT2	3.6 M MAST CHAIN KIT	1	GREEN HIGHLIGHT
8	YCHAINBOLT1	UNIVERSAL CHAIN BOLT WITH NUT + HALF NUT	4	ORANGE HIGHLIGHT
9	LM1-204-01	HOSE ROLLER 6 BERTH	1	
10	YBEARING18	48 MM SEALED ROLLER BEARING	2	
11	XW24AZ	M24 FORM A WASHER	1	
12	YCIRCLIP5	25 MM SHAFT EXTERNAL CIRCLIP	1	

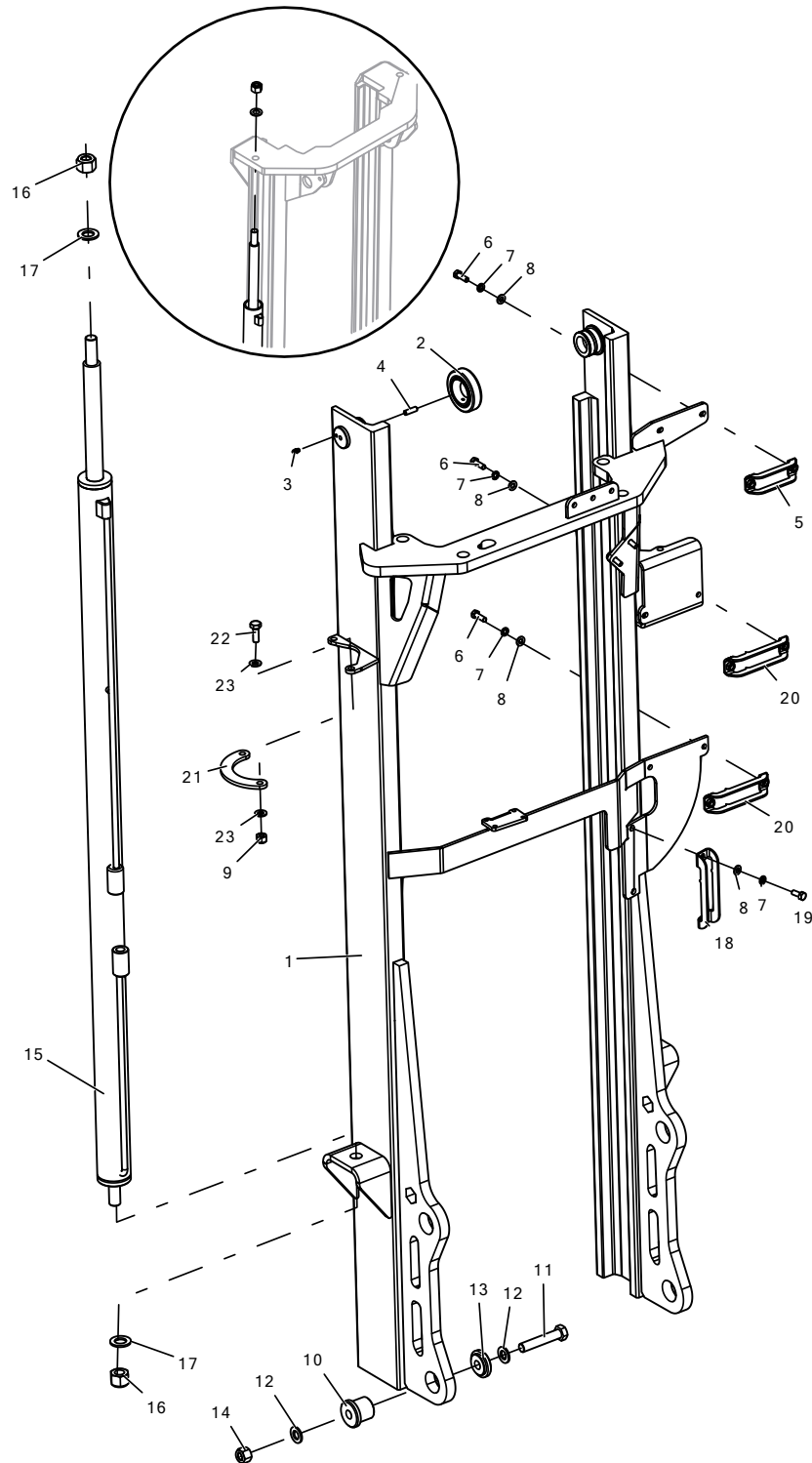


Figure 33: LM2-21-50 - 3.6 Metre Mast Option (Stage 1 and Stage 2 Only) - Mast Assembly

Item	Part no.	Description	Qty	Notes
1	LM2-244-00	STAGE 1 MAST - 3.6 M	1	
2	YBEARING23	MAST 78 MM 1 DEG TAPPER BEARING SET	2	
3	YGN0600	M6 STRAIGHT GREASE NIPPLE	2	
4	XG08025Z	M8 X 25 STEEL GRUB SCREW	2	
5	LM2-218-03	HOSE CLAMP - 6 BERTH	1	
6	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	6	
7	XW08SZ	M8 SPRING WASHER	10	
8	XW08AZ	M8 FORM A WASHER	10	
9	XN10N	M10 NYLOC NUT	4	
10	LM2-200-18	MAST FIXING BOSS	4	
11	XS16085Z	M16 X 85 HEX HEAD SCREW 8.8	4	
12	XW16AZ	M16 FORM A WASHER	8	
13	LM2-200-19	MAST FIXING BOSS CAP	4	
14	XN16N	M16 NYLOC NUT	4	
15	LM2-210-07	3.6 M LIFT CYLINDER	2	
16	XN20N	M20 NYLOC NUT	4	
17	XW20AZ	M20 FORM A WASHER	4	
18	LM2-218-13	HOSE CLAMP - 8 BERTH STRAIGHT	1	
19	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	2	
20	LM2-218-20	HOSE CLAMP - 8 BERTH STRAIGHT	2	
21	LM2-240-19	CYLINDER CLAMP LATCH	2	
22	XS10030Z	M10 X 30 HEX HEAD SCREW 8.8	4	
23	XW10AZ	M10 FORM A WASHER	8	

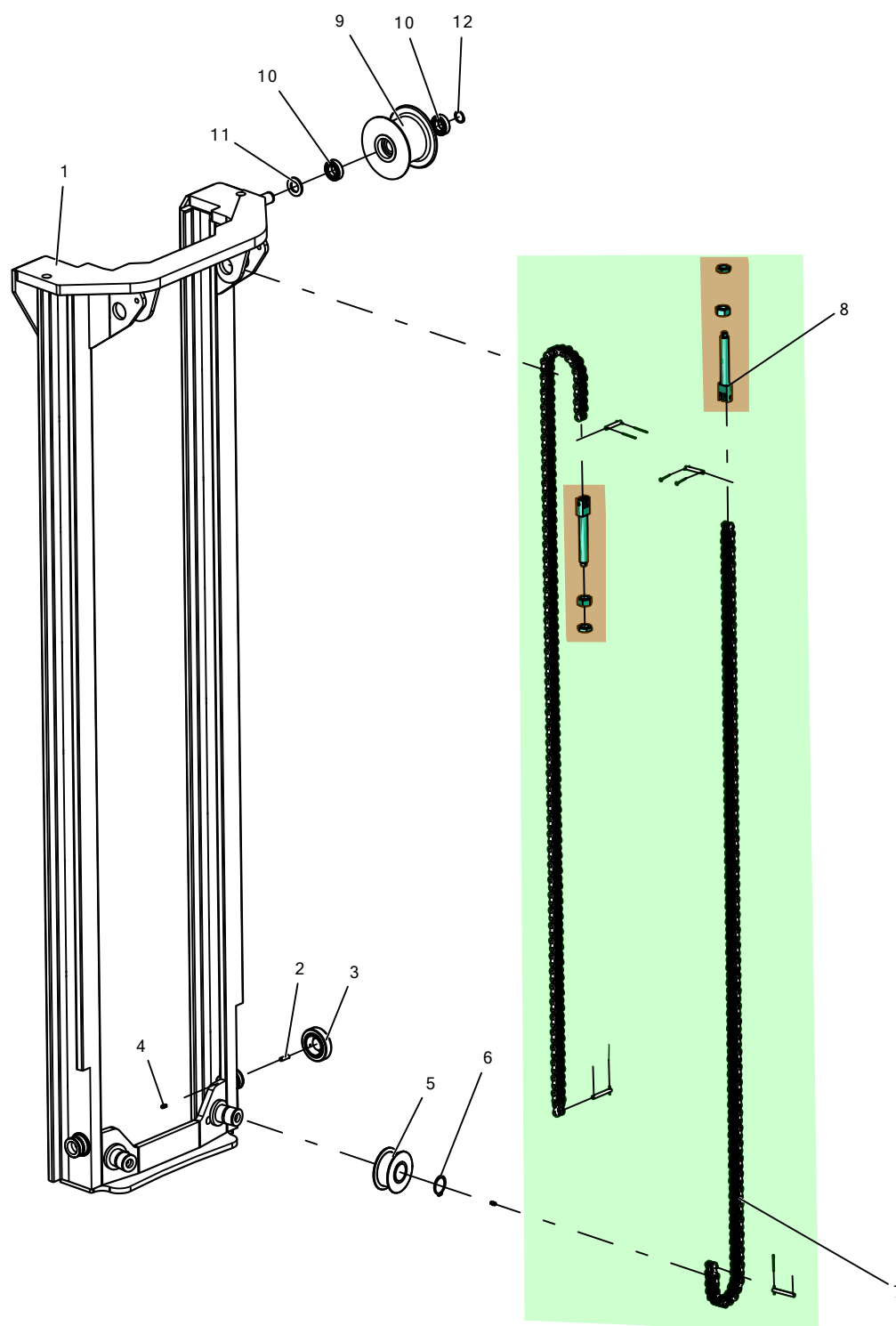


Figure 34: LM2-23-50 - 2.4 Metre Mast option (Stage 1 and Stage 2 Only) - Chain Assembly

Item	Part no.	Description	Qty	Notes
1	LM2-266-00	STAGE 2 MAST 2.4 M	1	
2	XG08025Z	M8 X 25 STEEL GRUB SCREW	2	
3	YBEARING7	MAST 77.7 MM PARALELL BEARING	2	
4	YGN0600	M6 STRAIGHT GREASE NIPPLE	3	
5	YROLLER1	MAST CHAIN ROLLER BEARING	4	
6	YCIRCLIP10	40 MM SHAFT EXTERNAL CIRCLIP	2	
7	YCHAINKIT5	2.4 M MAST CHAIN KIT	1	GREEN HIGHLIGHT
8	YCHAINBOLT1	UNIVERSAL CHAIN BOLT WITH NUT + HALF NUT	4	ORANGE HIGHLIGHT
9	LM1-204-01	HOSE ROLLER 6 BERTH	1	
10	YBEARING18	48 MM SEALED ROLLER BEARING	4	
11	XW24AZ	M24 FORM A WASHER	1	
12	YCIRCLIP5	25 MM SHAFT EXTERNAL CIRCLIP	1	

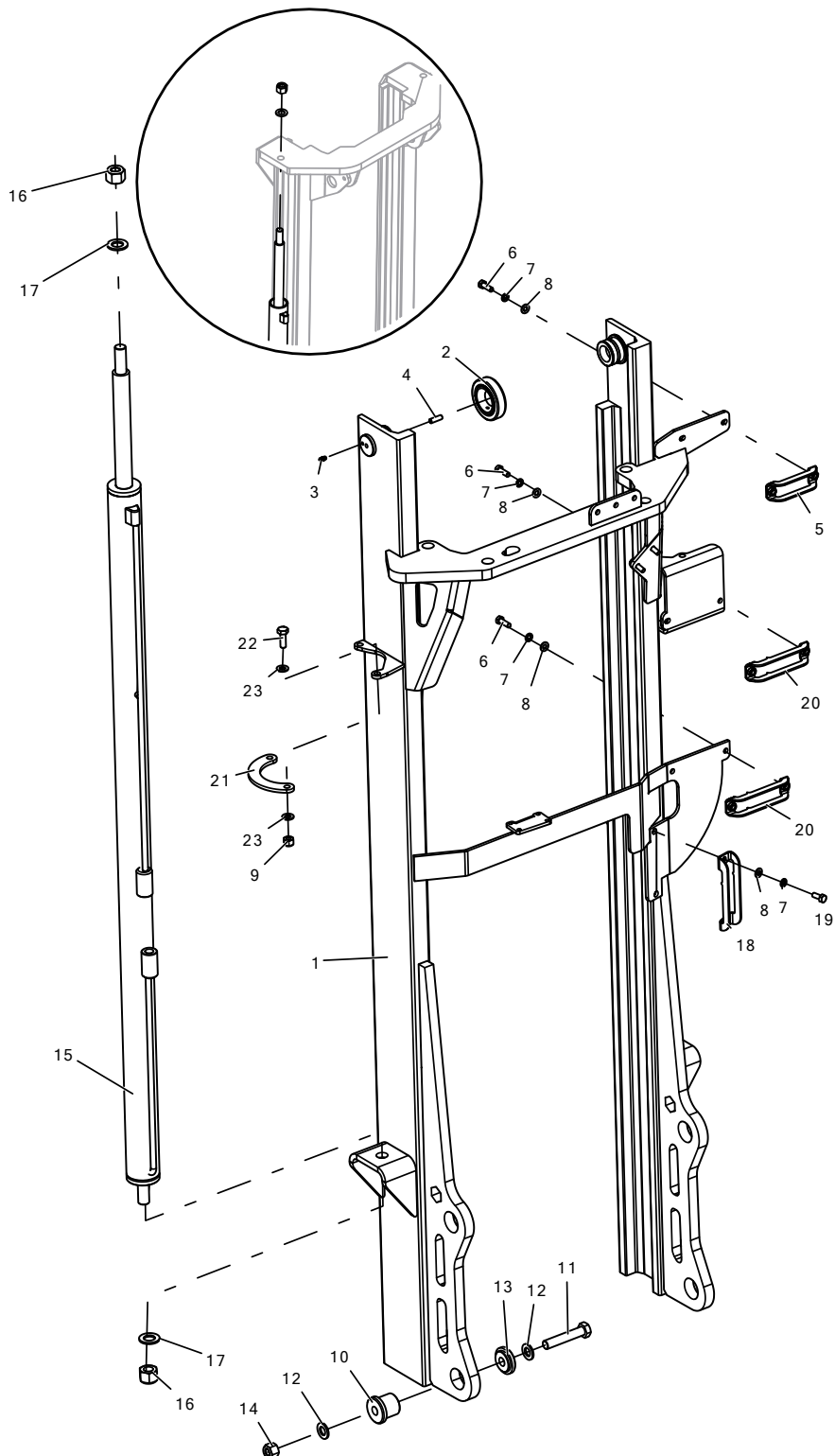


Figure 35: LM2-23-50 - 2.4 Metre Mast Option (S1-S2 Only) - Mast Assembly

Item	Part no.	Description	Qty	Notes
1	LM2-271-00	STAGE 1 MAST - 2.4 M	1	
2	YBEARING23	MAST 78 MM 1 DEG TAPPER BEARING SET	2	
3	YGN0600	M6 STRAIGHT GREASE NIPPLE	2	
4	XG08025Z	M8 X 25 STEEL GRUB SCREW	2	
5	LM2-218-03	HOSE CLAMP - 6 BERTH	1	
6	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	6	
7	XW08SZ	M8 SPRING WASHER	10	
8	XW08AZ	M8 FORM A WASHER	10	
9	XN10N	M10 NYLOC NUT	4	
10	LM2-200-18	MAST FIXING BOSS	4	
11	XS16085Z	M16 X 85 HEX HEAD SCREW 8.8	4	
12	XW16AZ	M16 FORM A WASHER	8	
13	LM2-200-19	MAST FIXING BOSS CAP	4	
14	XN16N	M16 NYLOC NUT	4	
15	LM2-210-08	2.4 M LIFT CYLINDER	2	
16	XN20N	M20 NYLOC NUT	4	
17	XW20AZ	M20 FORM A WASHER	4	
18	LM2-218-13	HOSE CLAMP - 8 BERTH STRAIGHT	1	
19	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	2	
20	LM2-218-20	HOSE CLAMP - 8 BERTH STRAIGHT	2	
21	LM2-240-19	CYLINDER CLAMP LATCH	2	
22	XS10030Z	M10 X 30 HEX HEAD SCREW 8.8	4	
23	XW10AZ	M10 FORM A WASHER	8	

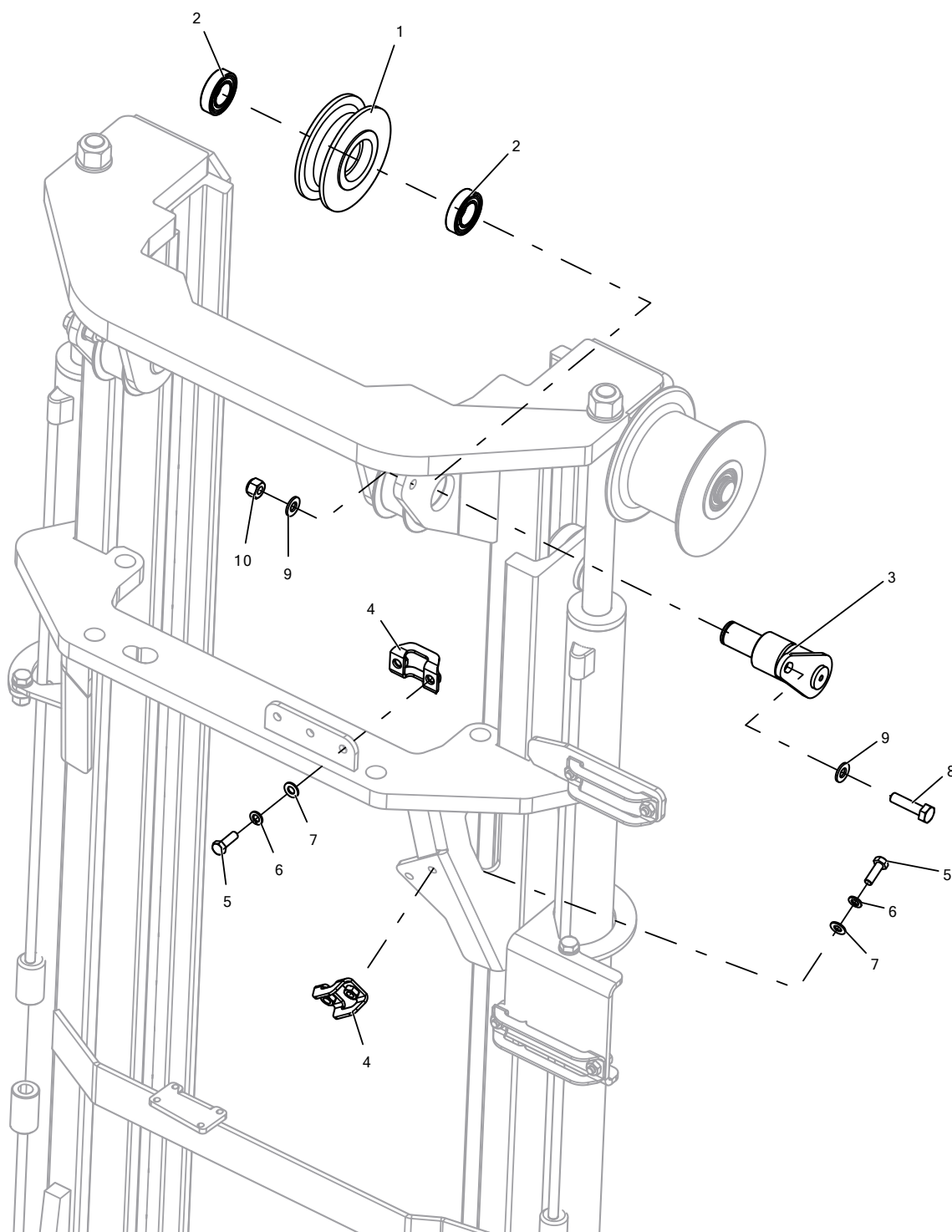


Figure 36: LM2-22-50 2.6 Metre Mast - Auxiliary Option 1



Item	Part no.	Description	Qty	Notes
1	LM2-200-20	HOSE ROLLER - 2 BERTH	1	
2	YBEARING18	48 MM SEALED ROLLER BEARING	2	
3	LM2-214-04	AUXILARY CHAIN ROLLER PIN	1	
4	LM2-218-05	HOSE CLAMP - 2 BERTH	2	
5	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	4	
6	XW08SZ	M8 SPRING WASHER	4	
7	XW08AZ	M8 FORM A WASHER	4	
8	XS10040Z	M10 X 40 HEX HEAD SCREW 8.8	1	
9	XW10AZ	M10 FORM A WASHER	12	
10	XN10N	M10 NYLOC NUT	1	

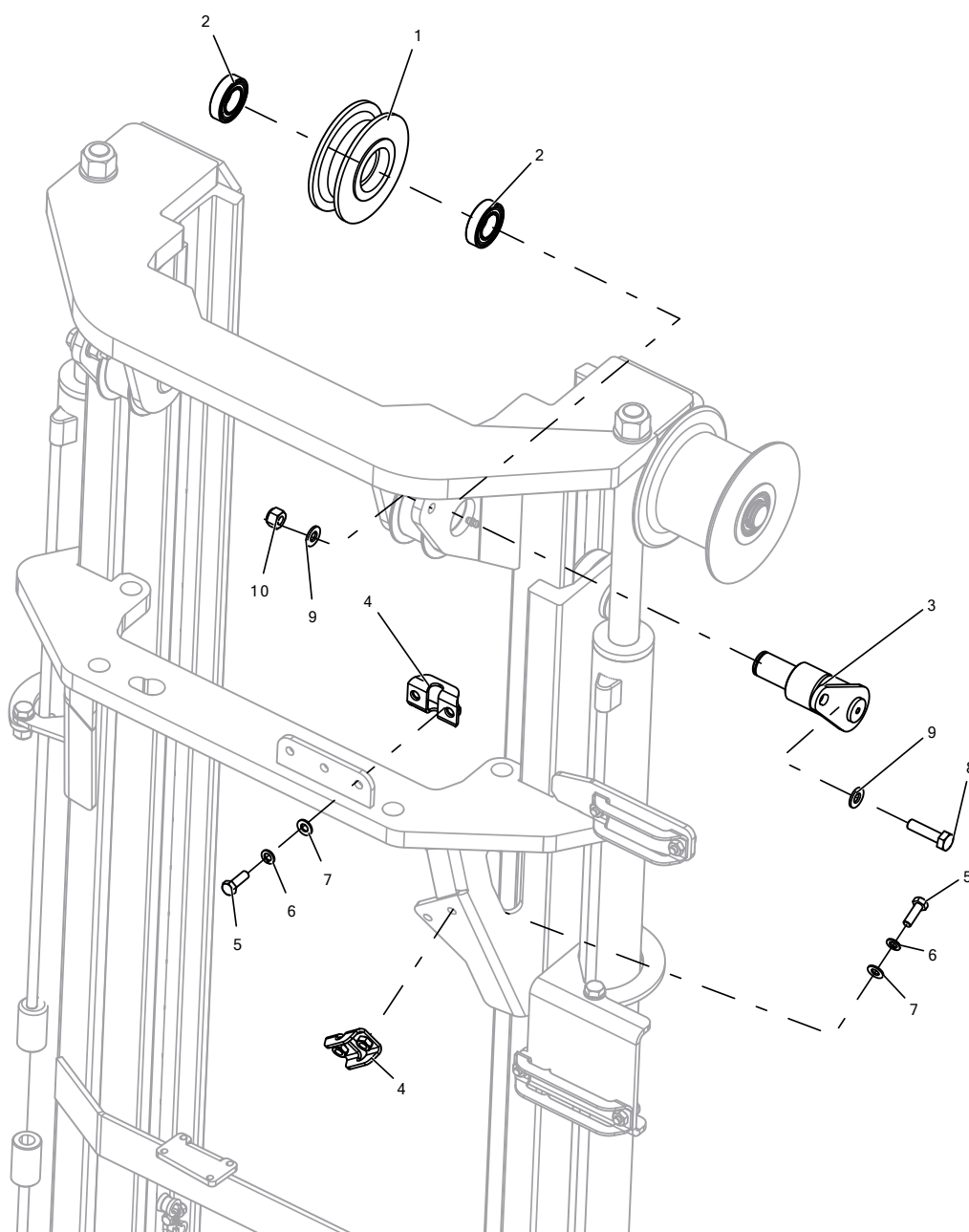


Figure 37: LM2-22-50 2.6 Metre Mast - Auxiliary Option 2

Item	Part no.	Description	Qty	Notes
1	LM2-200-20	HOSE ROLLER - 2 BERTH	1	
2	YBEARING18	48 MM SEALED ROLLER BEARING	2	
3	LM2-214-04	AUXILARY CHAIN ROLLER PIN	1	
4	LM2-218-10	HOSE CLAMP ASSY - SINGLE 3/8IN HOSE	1	
5	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	4	
6	XW08SZ	M8 SPRING WASHER	4	
7	XW08AZ	M8 FORM A WASHER	4	
8	XS10040Z	M10 X 40 HEX HEAD SCREW 8.8	1	
9	XW10AZ	M10 FORM A WASHER	12	
10	XN10N	M10 NYLOC NUT	1	



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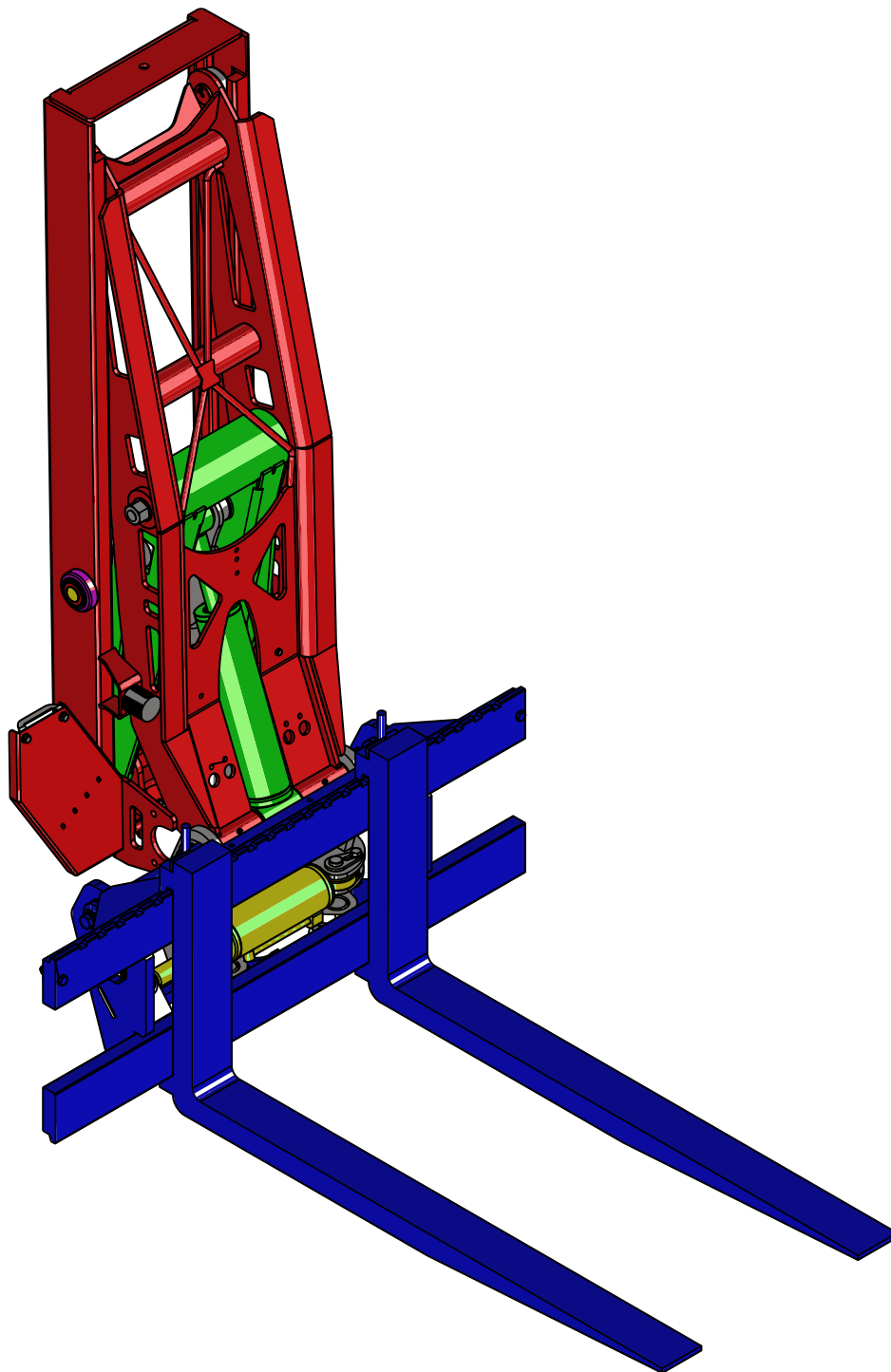


Figure 38: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly - Breakdown

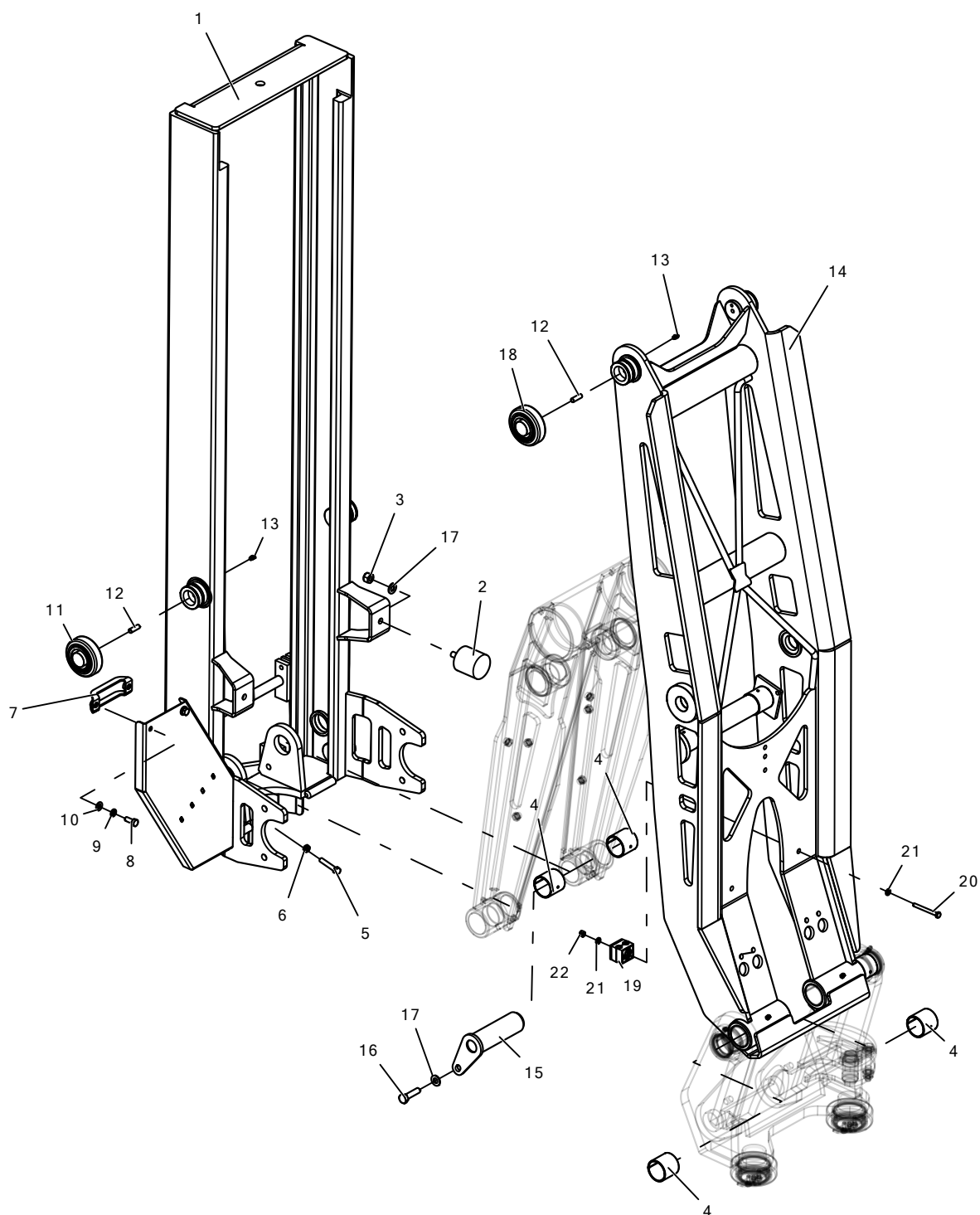


Figure 39: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (1 of 4)

Item	Part no.	Description	Qty	Notes
1	LM2-251-00	3RD STAGE MAST	1	
2	YBUFFER4	RUBBER BUFFER	2	
3	XN10N	M10 NYLOC NUT	4	
4	YBUSH12	DX BUSH 40 x 40	12	
5	XS08050Z	M8 X 50 HEX HEAD SCREW 8.8	2	
6	XN08HZB	M8 HALF NUT	2	
7	LM2-218-03	HOSE CLAMP WA	1	
8	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	2	
9	XW08SZ	M8 SPRING WASHER	2	
10	XW08AZ	M8 FORM A WASHER	2	
11	YBEARING23	TAPERED BEARING SET	4	
12	XG08025Z	M8 X 25 STEEL GRUB SCREW	6	
13	YGN0600	YGN0600 STRAIGHT GREASE NIPPLE	12	
14	LM2-223-00	LONG IR ARM	1	
15	LM2-211-00	LOWER SHORT LINK PIN W/A	2	
16	XS10040Z	M10 X 40 HEX HEAD SCREW 8.8	2	
17	XW10AZ	M10 FORM A WASHER	8	
18	YBEARING7	MAST 77.7 MM PARALLEL BEARING SET	2	
19	YPCT12	TWIN HOSE CLAMP - 12 MM HOSE	1	
20	XS06060Z	M6 X 60 HEX HEAD SCREW 8.8	1	
21	XW06AZ	M6 FORM A WASHER	2	
22	XN06N	M6 NYLOC NUT	1	

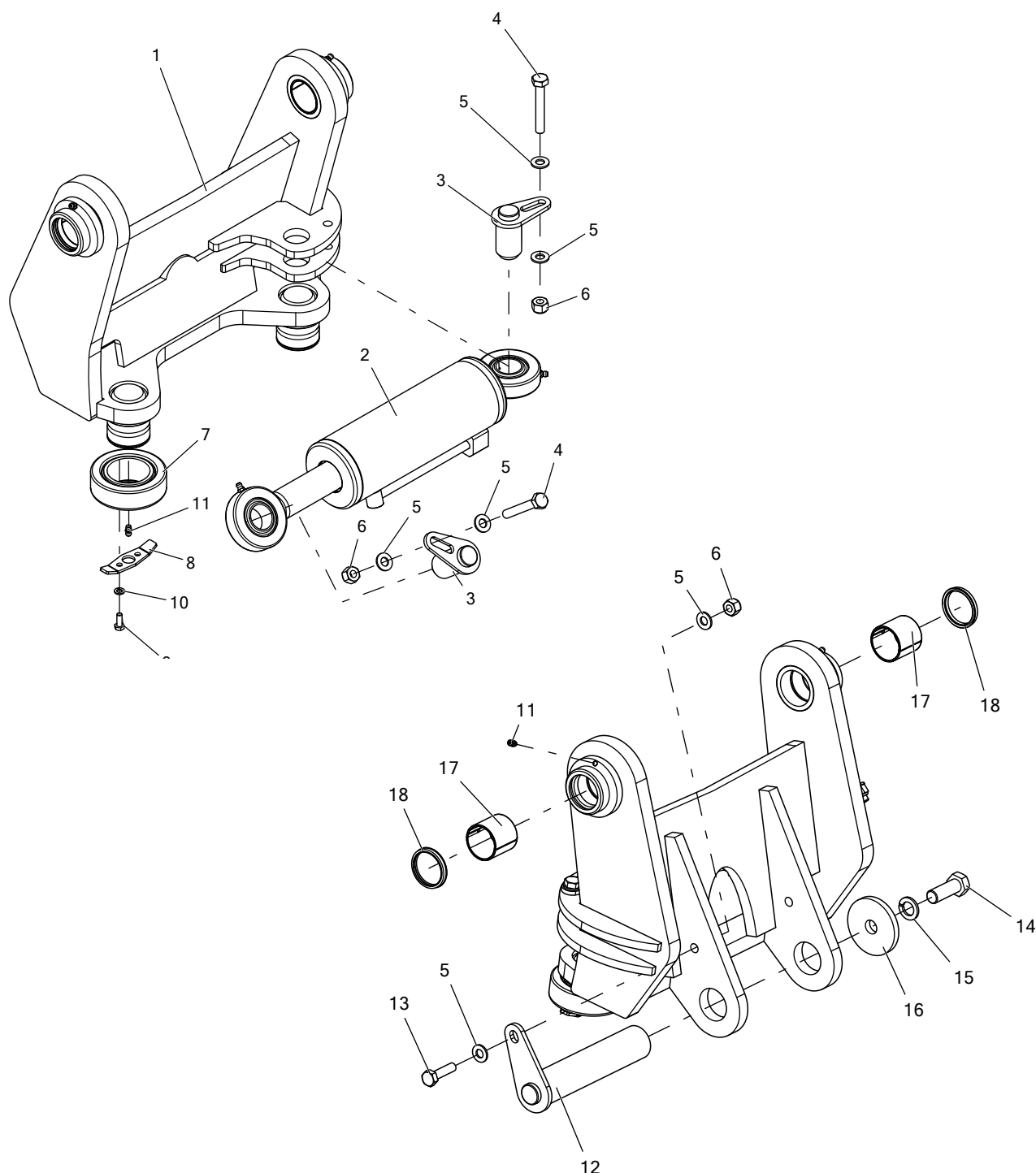


Figure 40: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (Sheet 2 of 4)



Item	Part no.	Description	Qty	Notes
1	LM2-206-00	TILT FRAME	1	
2	LM2-210-09	SIDE SHIFT CYLINDER	1	
3	LM1-218-03	SIDE SHIFT PIN W-A	2	
4	XS10070Z	M10 X 70 HEX HEAD SCREW	2	
5	XW10Z	M10 FORM A WASHER	6	
6	XN10N	M10 NYLOC NUT	3	
7	YBEARING19	STRAIGHT MAST BEARING SET	2	
8	LM2-200-22	KEEPER PLATE - CARRIAGE ROLLERS	2	
9	XS06016Z	M6 X 16 HEX HEAD SCREW 8.8	4	
10	XW06SZ	M6 SPRING WASHER	4	
11	YGN0600	M6 STRAIGHT GREASE NIPPLE	4	
12	LM2-215-00	PIN ASSEMBLY	1	
13	XS10040Z	M10 X 40 HEX HEAD SCREW 8.8	1	
14	XS16045Z	M16 X 45 HEX HEAD SCREW 8.8	1	
15	XW16SZ	M16 SPRING WASHER	1	
16	LM1-210-12	RETAINING WASHER	1	
17	YBUSH12	DX BUSH 40 X 40	2	

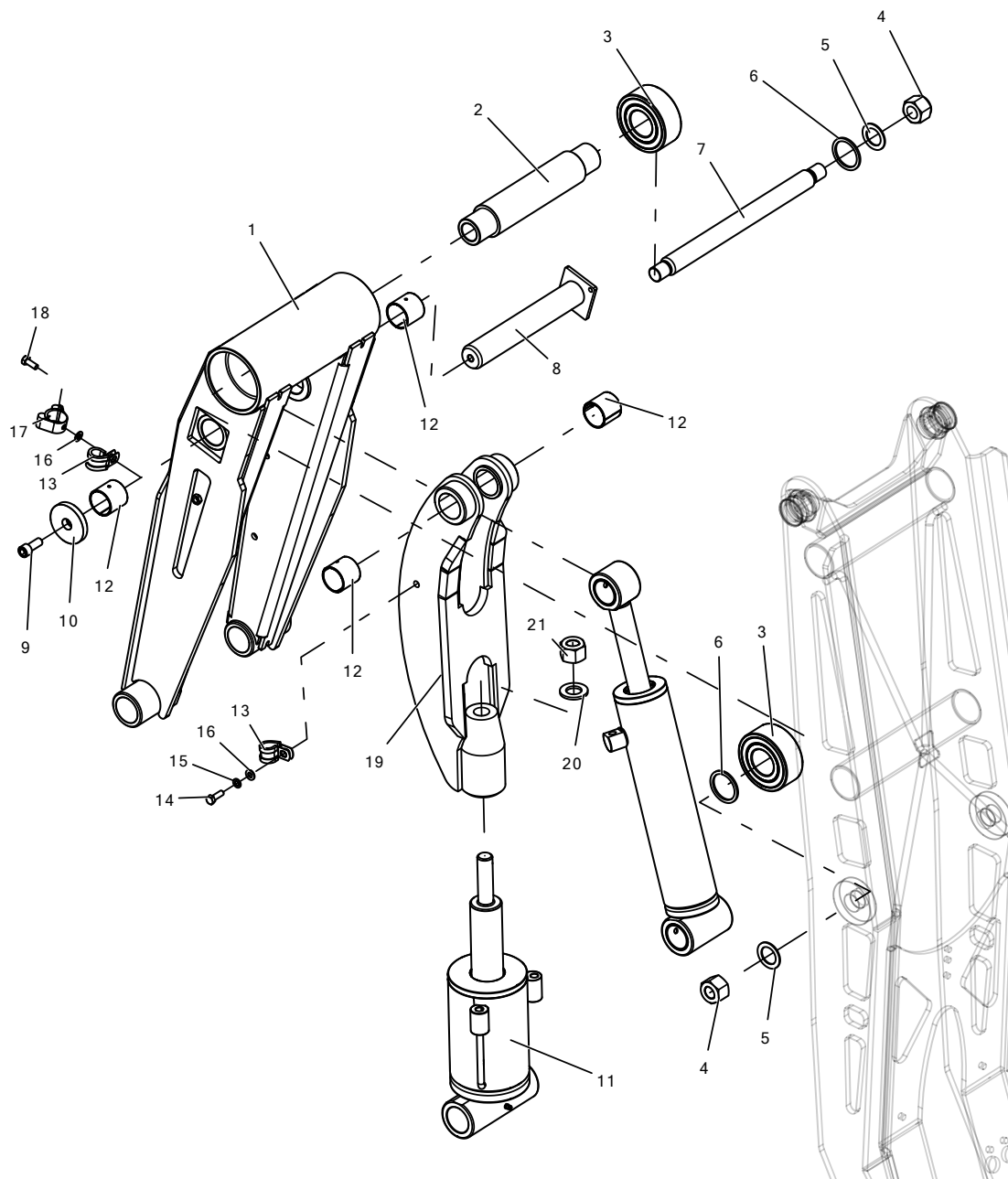


Figure 41: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (Sheet 3 of 4)



Item	Part no.	Description	Qty	Notes
1	LM2-224-00	IR SHORT LINK W/A	1	
2	LM2-209-00	X-TUBE - PANTOGRAPH PIVOT	1	
3	YBEARING21	DOUBLE ROW ANGULAR CONTACT BALL BEARING	2	
4	XN24NF	M24 FINE NYLOC NUT	2	
5	LM2-209-04	ISR PIVOT WASHER	2	
6	LM2-209-01	SPACER - PANTO BEARING	2	
7	LM2-209-02	SPINDLE - PANTO PIVOT	1	
8	LM2-212-00	PIN ASSEMBLY	1	
9	XSC12030Z	M12 X 30 CAP HEAD SCREW	1	
10	LM2-200-13	LONG LINK PIN CAP	1	
11	LM1-210-02	TILT CYLINDER	1	
12	YBUSH12	DX BUSH 40 X 40	4	
13	YPCLIP1	P CLIP	4	
14	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	2	
15	XW08SZ	M8 SPRING WASHER	2	
16	XW08AZ	M8 FORM A WASHER	4	
17	YCLAMP4	CLAMP - MAST HOSES	2	
18	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	2	
19	LM2-210-30	UPPER TILT CYLINDER LINK W/A	1	
20	XW24AZ	M24 FORM A WASHER	1	
21	XN24N	M24 NYLOC NUT	1	

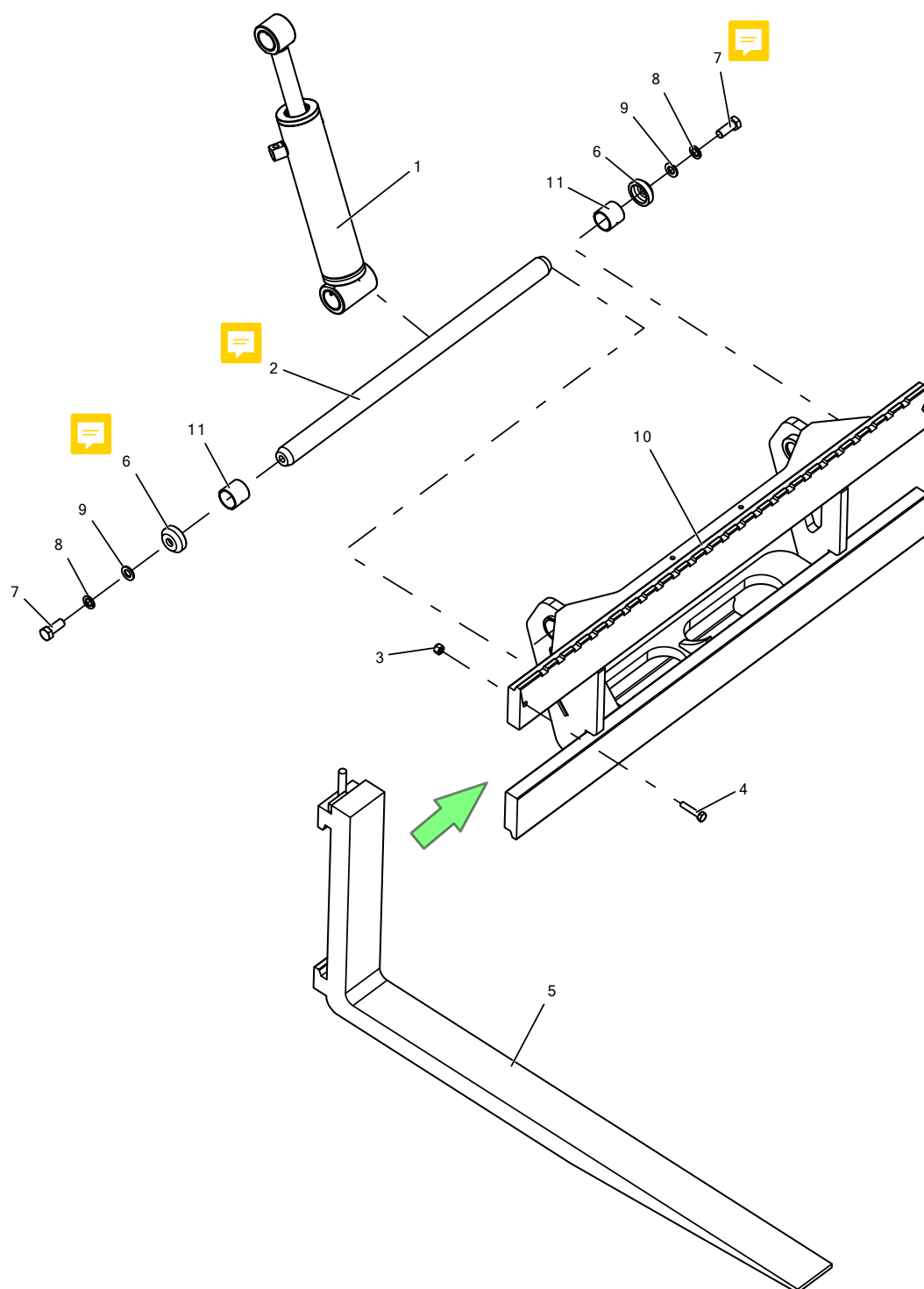


Figure 42: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (Sheet 4 of 4)

Item	Part no.	Description	Qty	Notes
1	LM2-210-04	REACH CYLINDER	1	
2	LM2-216-03	FORK CARRIAGE PIVOT PIN	1	
3	XN10N	M10 NYLOC NUT	2	
4	XS10050Z	M10 X 50 HEX HEAD SCREW 8.8	2	
5	YFORK4 OR YFORK5	CLASS 2A FORK 1200 x 50 x 100 OR CLASS 2B FORK 1200 x 50 x 100	2 OR 2	
6	LM2-216-04	CARRIAGE PIN END CAP	2	
7	XS16040Z	M16 X 40 HEX HEAD SCREW 8.8	2	
8	XW16SZ	M16 SPRING WASHER	2	
9	XW16AZ	M16 FORM A WASHER	2	
10	LM2-221-00	STANDARD FORK CARRIAGE ASSEMBLY	1	
11	YBUSH12	DX BUSH 40 X 40	2	

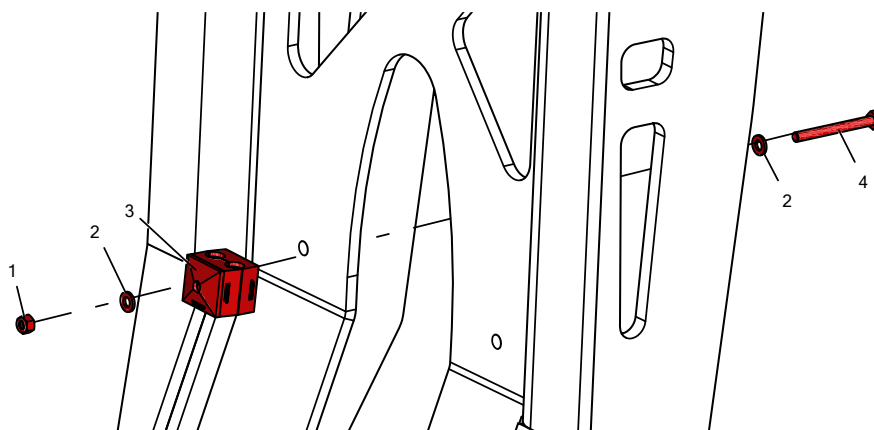
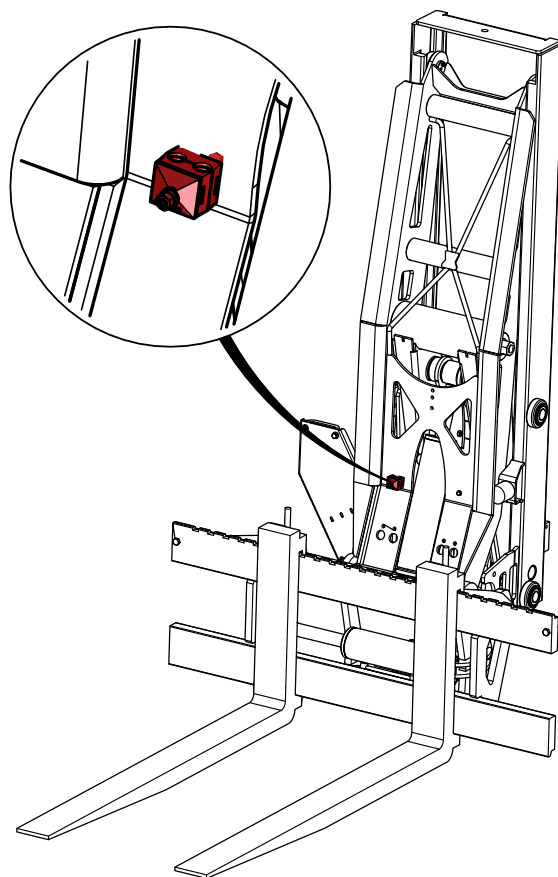


Figure 43: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Single Auxiliary - Front

Item	Part no.	Description	Qty	Notes
1	XN06N	M6 NYLOC NUT	1	
2	XW06AZ	M6 FORM A WASHER	2	
3	YPCT12	TWIN HOSE CLAMP - 12MM HOSE	1	
4	XS06060Z	M6 X 60 HEX HEAD SCREW 8.8	1	

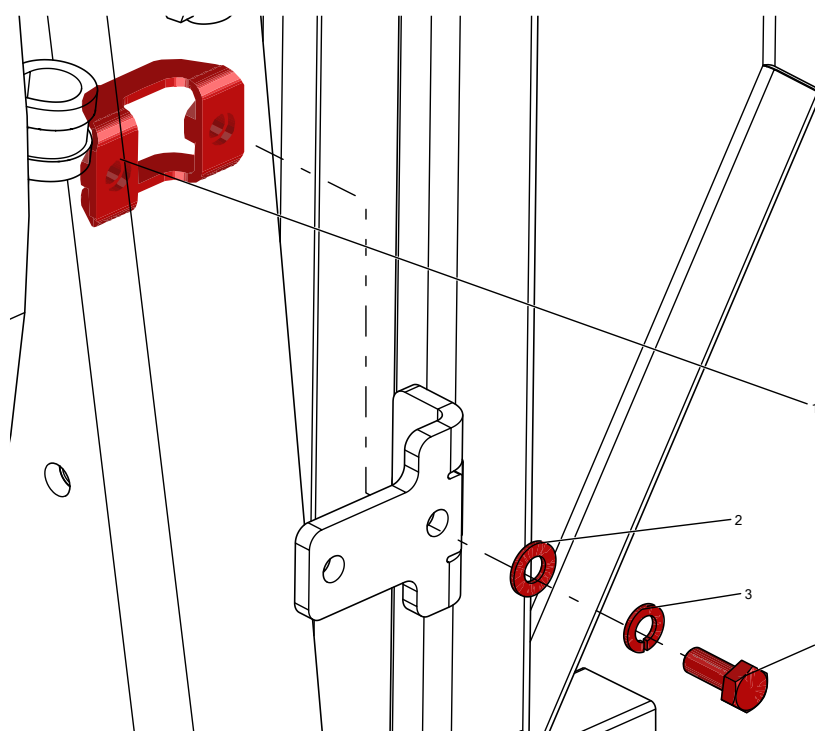
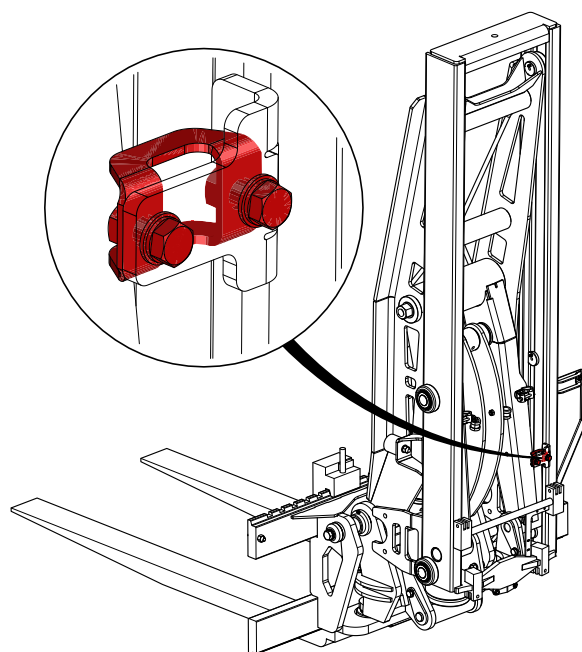


Figure 44: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Single Auxiliary - Rear

Item	Part no.	Description	Qty	Notes
1	LM2-218-05	HOSE CLAMP - 2 BERTH	1	
2	XW08AZ	M8 FORM A WASHER	2	
3	XW08SZ	M8 SPRING WASHER	2	
4	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	2	

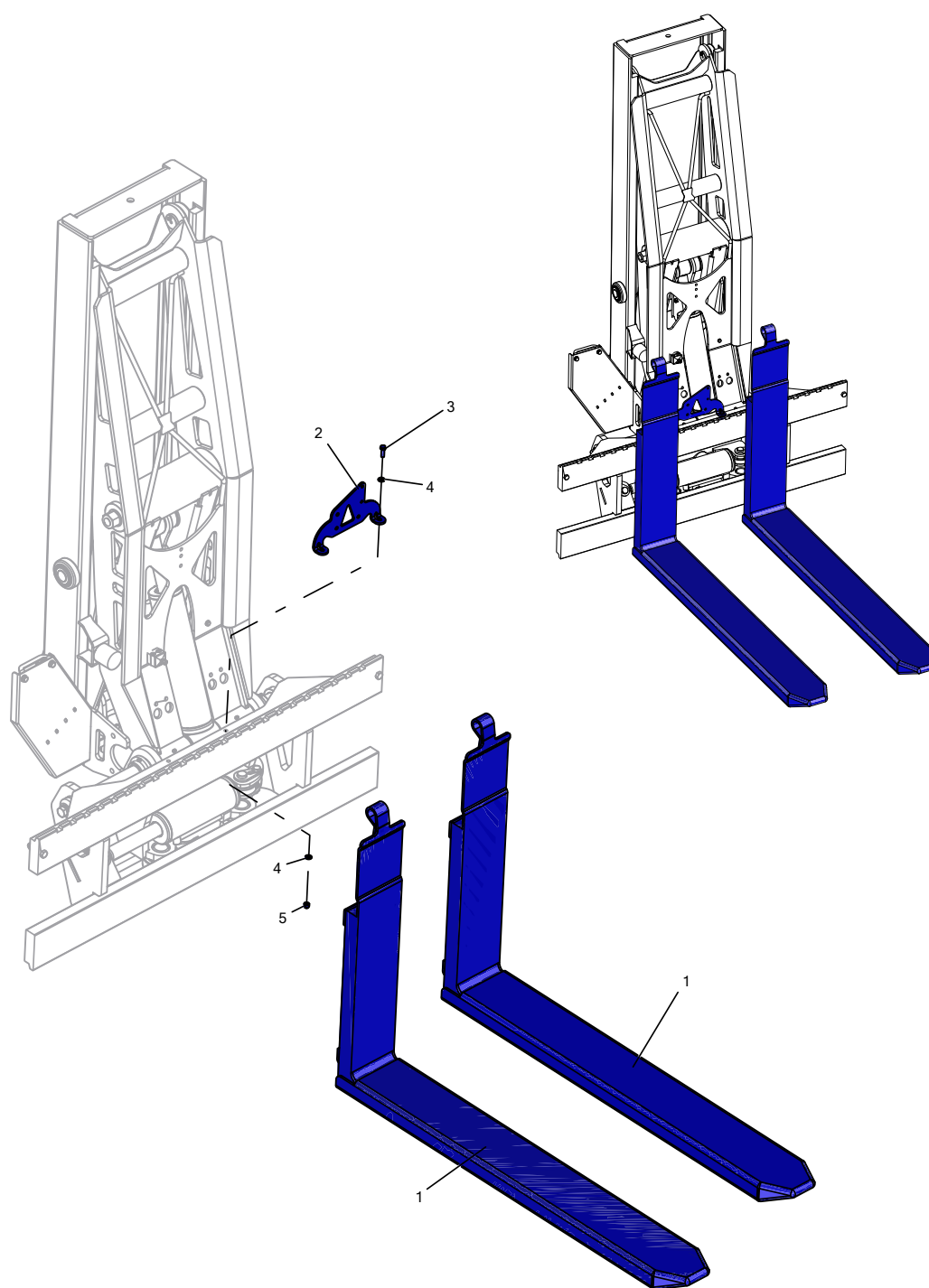


Figure 45: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Telescopic Forks Option



Item	Part no.	Description	Qty	Notes
1	YFORK6	CLASS 2A REACH FORK	2	
2	LM2-200-23	REACH FORKS FLOW SPLITTER MANIFORLD	1	
3	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	2	
4	XW08AZ	M8 FORM A WASHER	4	
5	XN08N	M8 NYLOC NUT	2	

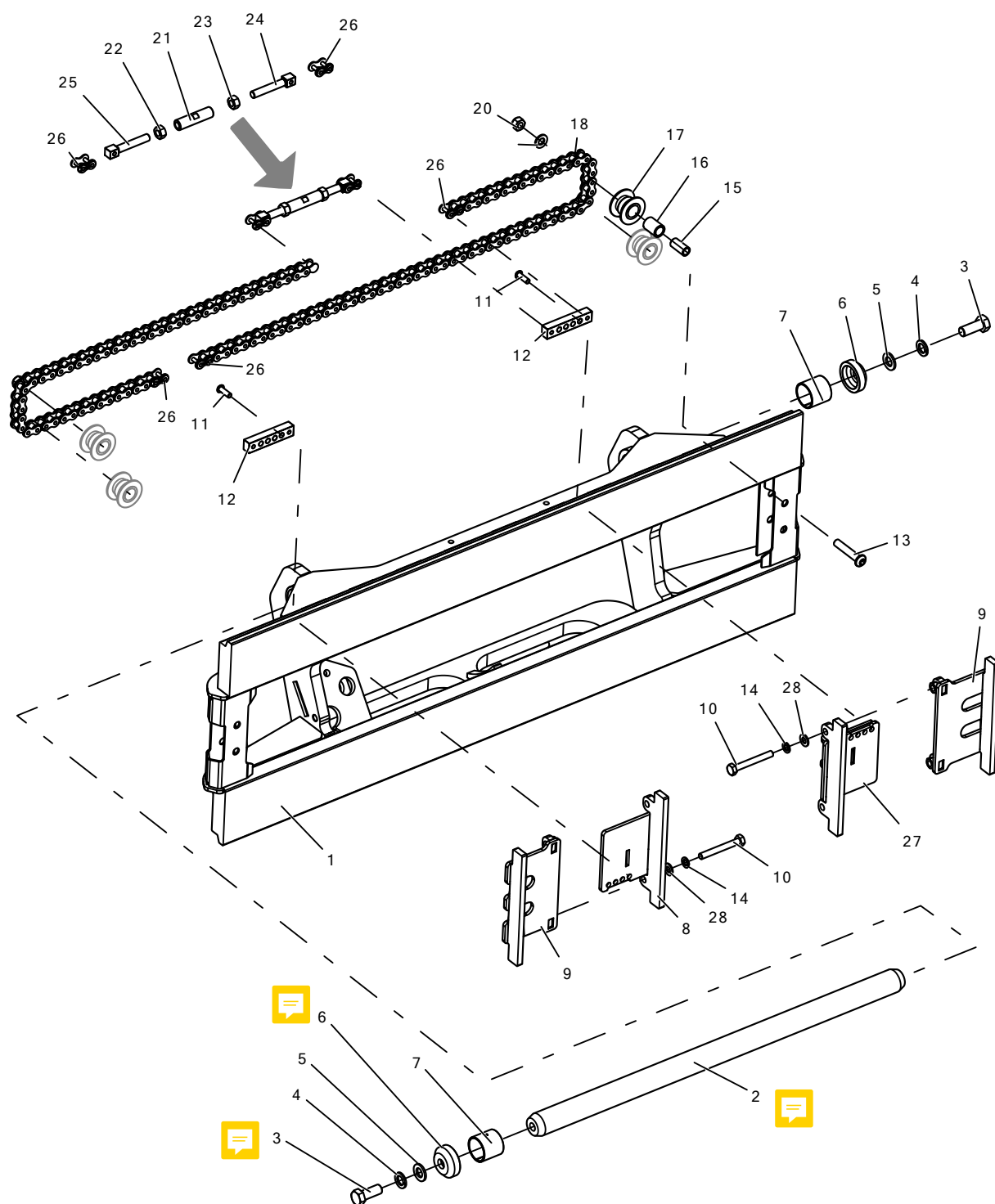


Figure 46: LM2-26-00 Fork Position Carriage Option (Sheet 1)

Item	Part no.	Description	Qty	Notes
1	LM2-222-00	FORK CARRIAGE WELD ASSEMBLY	1	
2	LM2-216-03	FORK CARRIAGE ASSEMBLY PIVOT PIN	1	
3	XS16040Z	M16 X 40 HEX HEAD SCREW 8.8	2	
4	XW16SZ	M16 SPRING WASHER	2	
5	XW16AZ	M16 FORM A WASHER ZP	2	
6	LM2-216-04	CARRIAGE PIN END CAP	2	
7	YBUSH12	BUSH 40 x 40	2	
8	LM2-226-00	RH FORK POSITON BACK PLATE	1	
9	LM2-228-00	ADJUSTABLE GRIPPER PLATE - FORK POSITIONING	2	
10	XS10080Z	M16 X 35 HEX HEAD SCREW 8.8	4	
11	XBUT10025SKTZB	M10 X 25 SKT CSK SCREW 8.8	8	
12	LM2-226-05	FORK POSITION CHAIN ANCHOR	2	
13	XBUT12065SKTZB	M12 X 65 BUTTON HEAD SCREW 8.8	4	
14	XW10SZ	M10 SPRING WASHER	4	
15	LM2-225-07	SPACER - FP IDLER	4	
16	YBUSH20	OILITE BUSH	4	
17	LM2-225-02	CHAIN ROLLER - FORK POSITIONING	4	
18	YCHAIN8- OUTER_LINK	3/4 INCH ROLLER CHAIN SET (FORK POSITIONER)	1	
19	XW10AZ	M10 FORM A WASHER	4	
20	XN12N	M12 NYLOC NUT	4	
21	YTURNBUCKLE1	TURN BUCKLE TENSIONER	1	
22	XN12Z	M12 PLAIN NUT	1	
23	XN12ZLH	M12 PLAIN NUT LH THREAD	2	
24	LM2-225-09	RH CHAIN ADJUSTER SCREW	1	
25	LM2-225-10	LH CHAIN ADJUSTER SCREW	1	
26	YCHAIN9	3/4" ROLLER CHIN SPLIT LINK	5	
27	LM2-227-00	LH FORK POSITIONING MOUNTING PLATE	1	

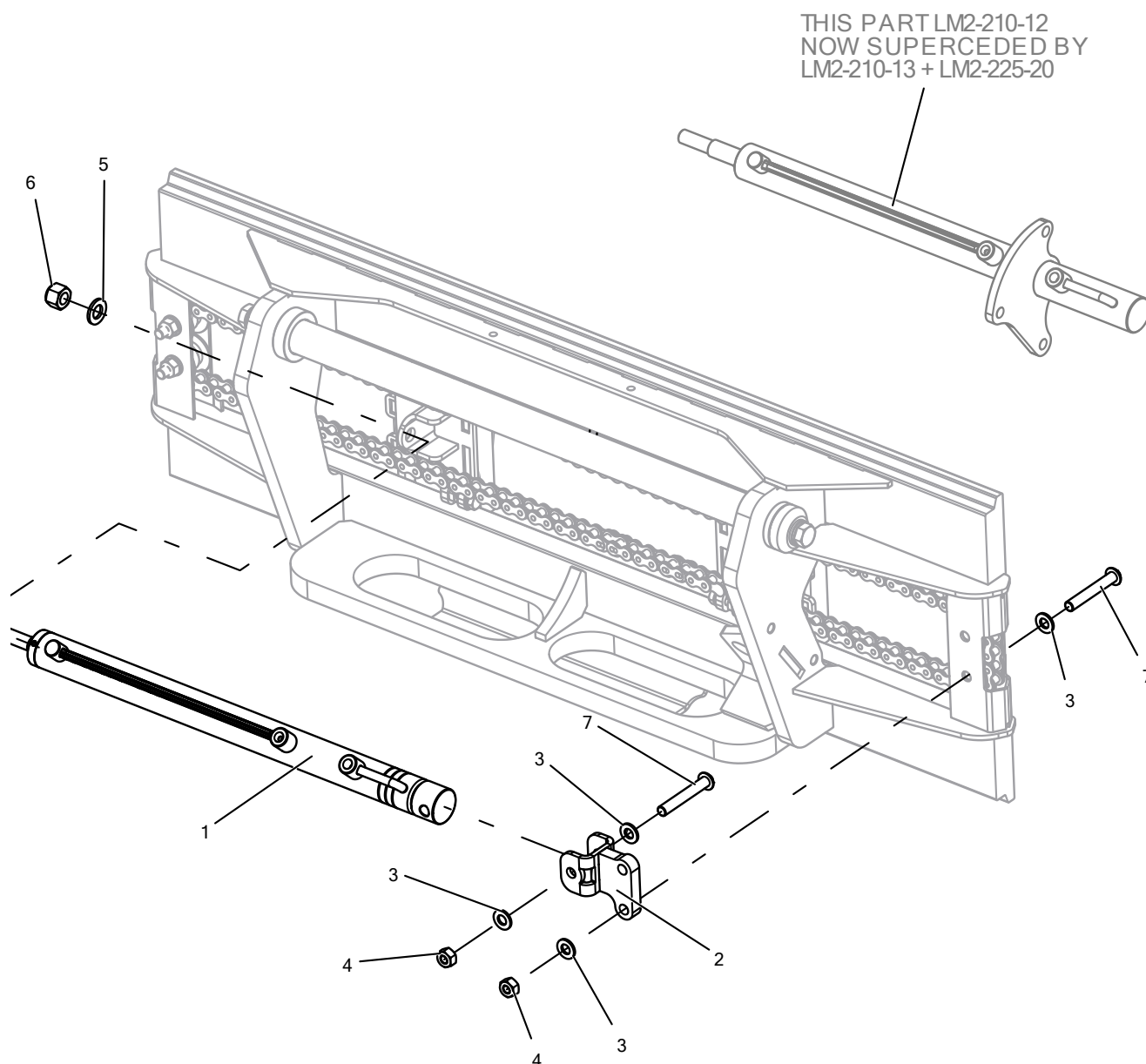


Figure 47: LM2-26-00 Fork Position Carriage Option (Sheet 2)



Item	Part no.	Description	Qty	Notes
1	LM2-210-13	FORK POSITION CYLINDER	1	REPLACES LM2-210-12
2	LM2-225-20	FORK POSITION CYLINDER MOUNT	1	REPLACES LM2-210-12
3	XW12AZ	M12 FORM A WASHER	6	
4	XN12N	M12 NYLOC NUT	3	
5	XW16AZ	M16 FORM A WASHER	1	
6	XN16N	M16 NYLOC NUT	1	
7	XBUT12080SKTZB	M12 X 80 BUTTON HEAD SCREW 10.9	3	



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CHAPTER3: LM2-55-00 CABIN ASSEMBLY

New cab for August 2022

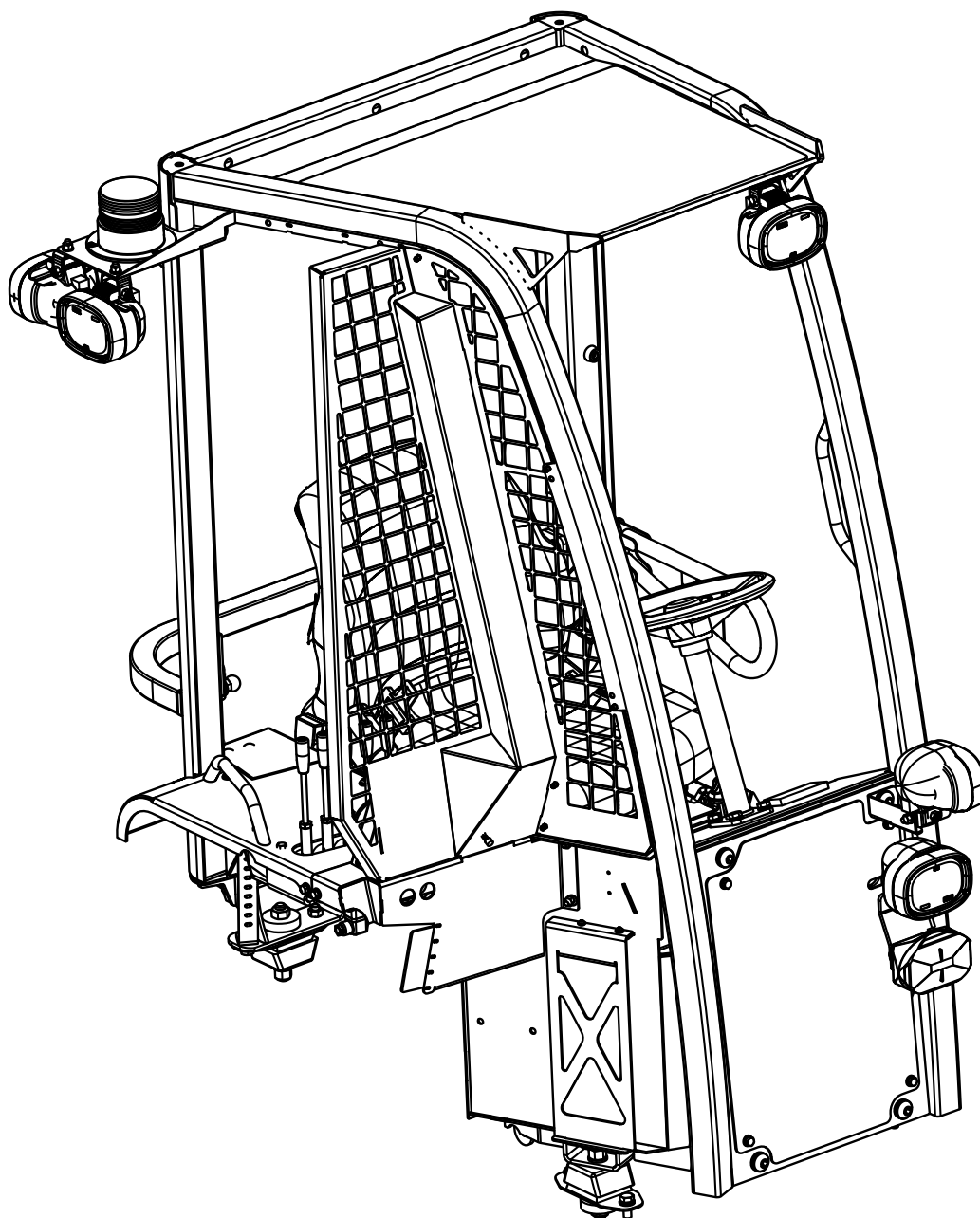


Figure 48: LM2-55-00 Cab Assembly

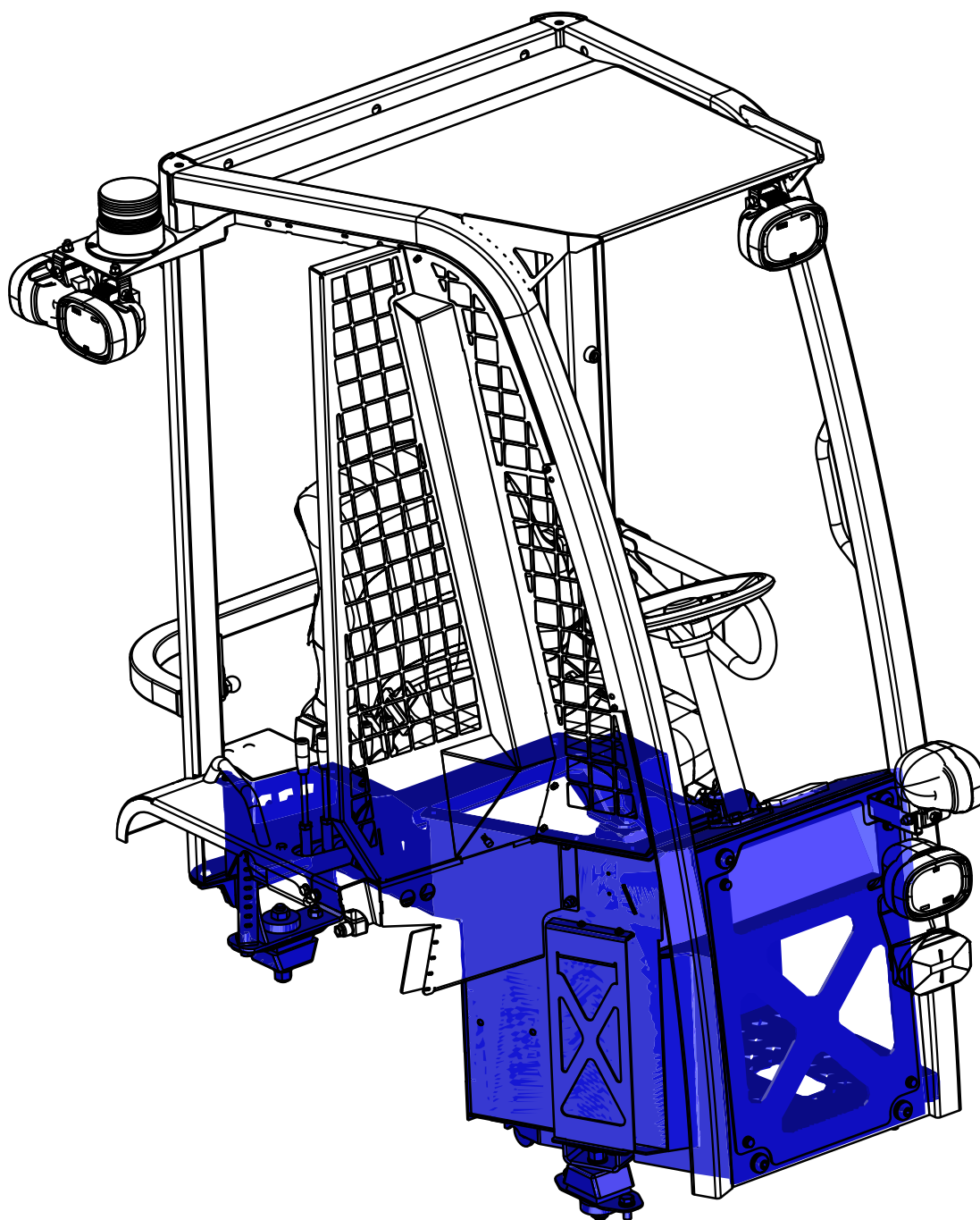


Figure 49: LM2-55-00 – Lower cab

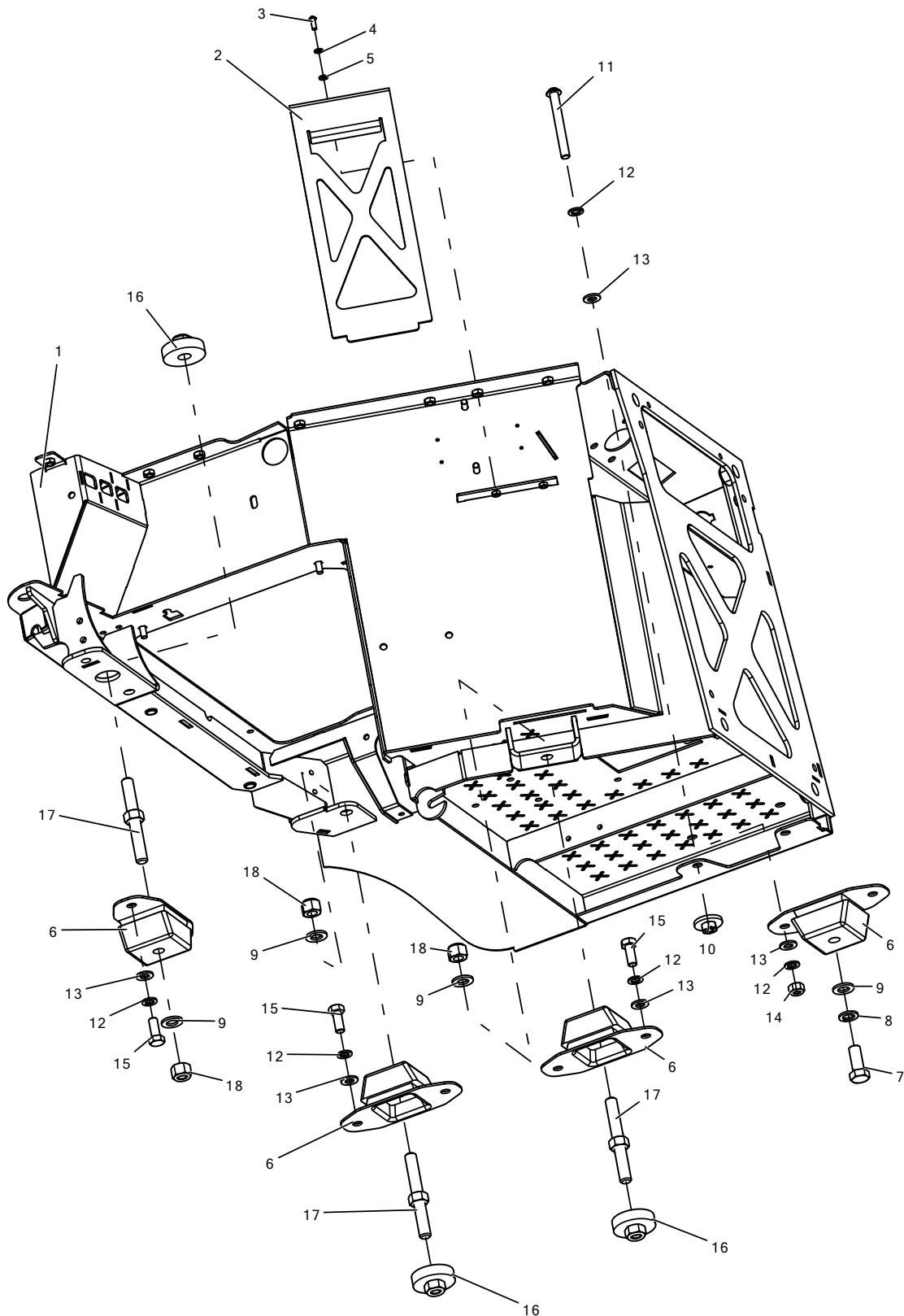


Figure 50: LM2-55-00 - LOWER CAB DETAIL



Item	Part no.	Description	Qty	Notes
1	LM2-551-00	LOWER CAB	1	
2	LM2-501-21	LOWER CAB HOSE RETAINER	1	
3	XBUT06016SKTZB	M6 X 16 BUTTON HEAD SCREW 8.8	2	
4	XW06SZ	M6 SPRING WASHER	2	
5	XW06AZ	M6 FORM A WASHER	2	
6	YMOUNT7	RUBBER CAB MOUNT	4	
7	XS16040Z	M16 X 40 HEX HEAD SCREW 8.8	1	
8	XW16SZ	M16 SPRING WASHER	1	
9	XW16AZ	M16 FORM A WASHER	4	
10	LM2-500-55	M12 CAB SAFETY WASHER	2	
11	XBUT12100SKTZB	M12 X 100 BUTTON HEAD SCREW 8.8	2	
12	XW12SZ	M12 SPRING WASHER	10	
13	XW12AZ	M12 FORM A WASHER	10	
14	XN12N	M12 NYLOC NUT	2	
15	XS12030Z	M12 X 30 HEX HEAD SCREW 8.8	6	
16	LM1-504-00	CAB MOUNT WASHER	3	
17	LM1-500-25	CAB MOUNT BAR	3	
18	XN16N	M16 NYLOC NUT	3	



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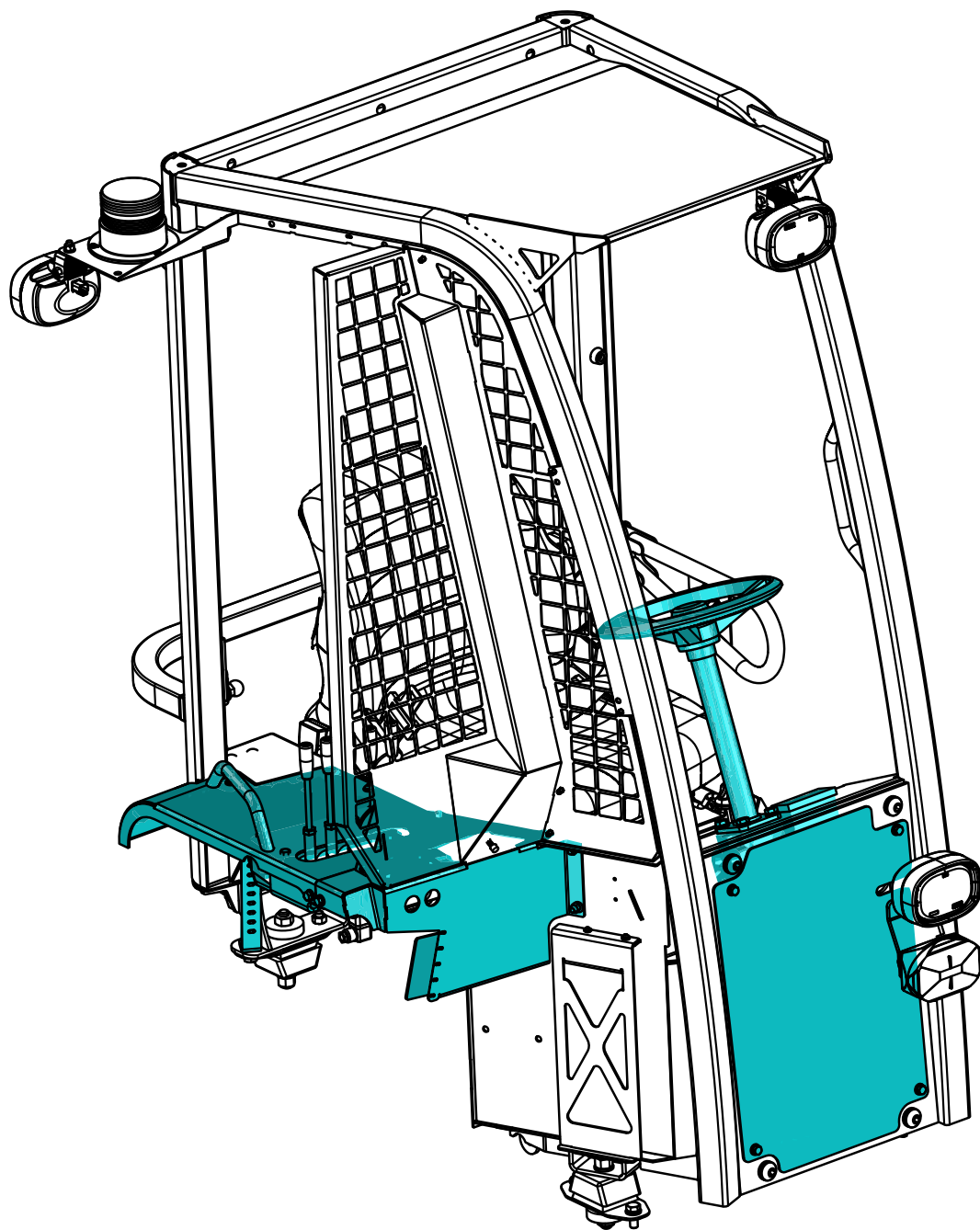


Figure 51: LM2-55-00 – Mid Cab

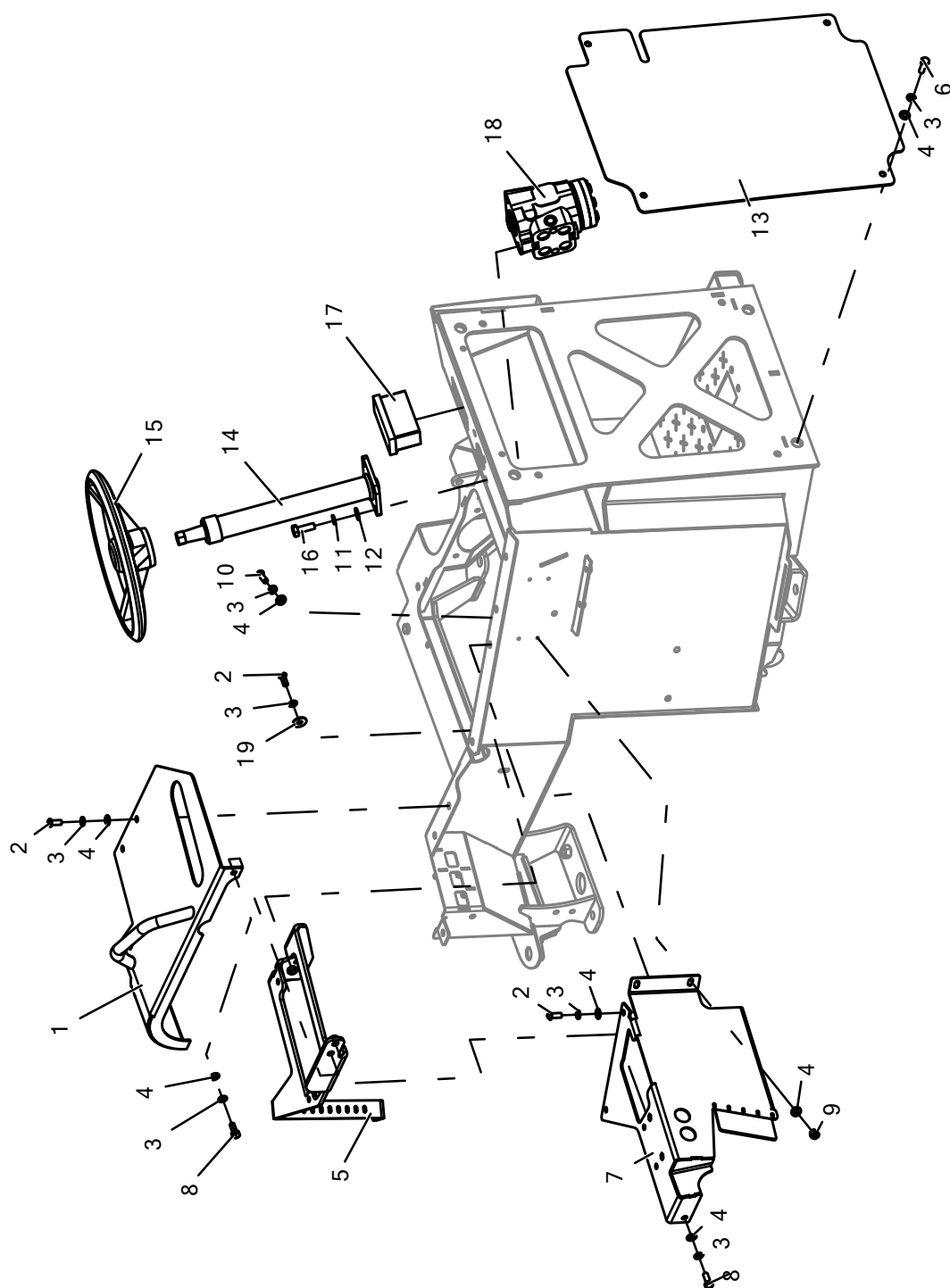


Figure 52: LM2-55-00 – Mid Cab Detail

Item	Part no.	Description	Qty	Notes
1	LM2-553-00	CAB SHELF ASSEMBLY	1	
2	XBUT08020SKTZB	M8 X 20 BUTTON HEAD SCREW 8.8	6	
3	XW08SZ	M8 SPRING WASHER	14	
4	XW08AZ	M8 FORM A WASHER	15	
5	LM2-559-00	LEVER BANK SUPPORT	1	
6	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	4	
7	LM2-556-00	SCUTTLE PANEL	1	
8	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	2	
9	XN08N	M8 NYLOC NUT	2	
10	XBUT08025SKTZB	M8 X 25 BUTTON HEAD SCREW 8.8	2	
11	XW10SZ	M10 SPRING WASHER	4	
12	XW10AZ	M10 FORM A WASHER	4	
13	LM2-550-30	FRONT CAB PANEL	1	
14	YSTEER1	STEERING COLUMN	1	
15	YSTEER5	300 MM STEERING WHEEL	1	
16	XS10030Z	M10 X 30 HEX HEAD SCREW 8.8	4	
17	YFUSEBOX1	11 WAY BLADE FUSE BOX	1	
18	YSTEERPUMP1	STEERING PUMP	1	
19	XW08GZ	M8 FORM G WASHER	1	

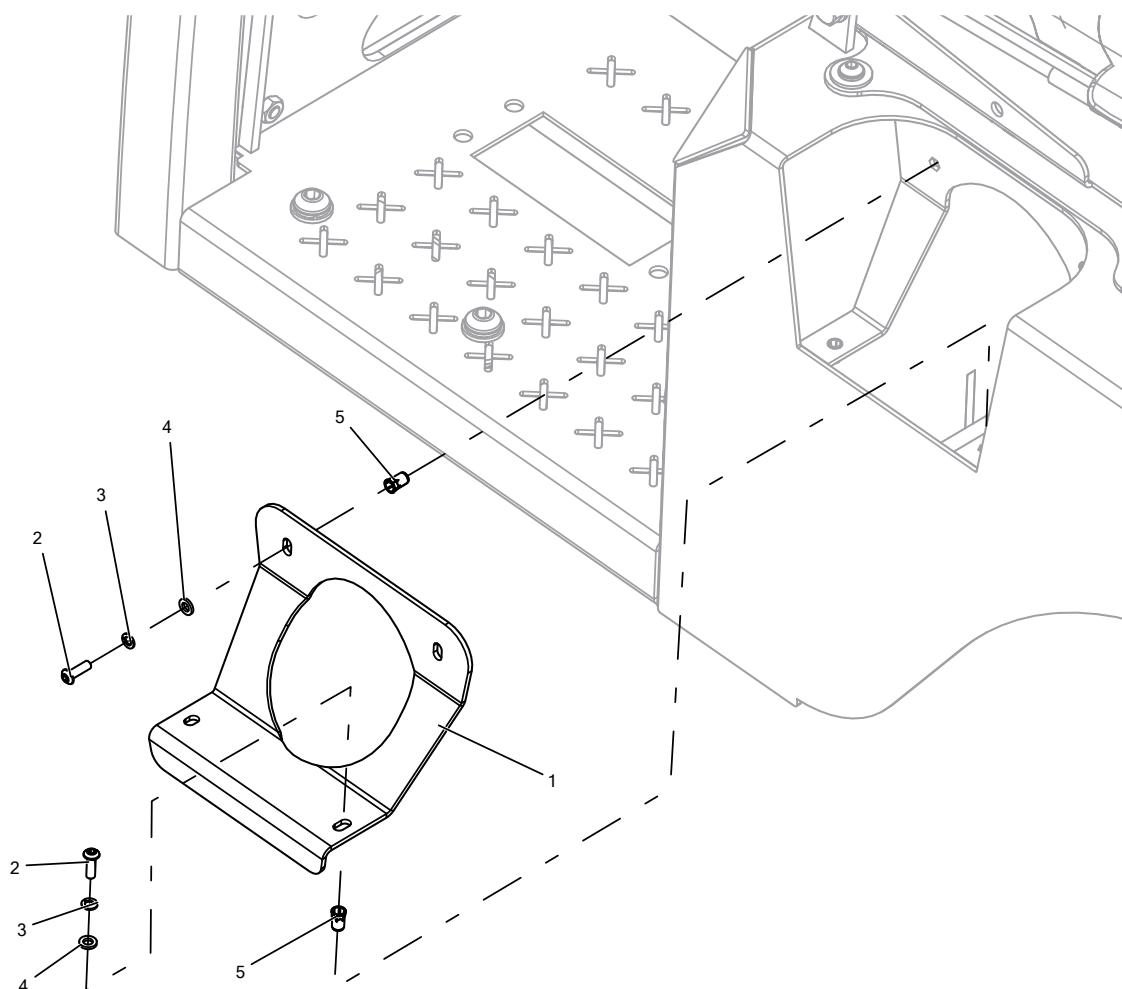


Figure 53: LM2-55-00 - Mid Cab Detail 2

Item	Part no.	Description	Qty	Notes
1	LM2-550-20	FUEL FILLER NOZZLE PLATE	1	
2	XBUT05016SKTZB	M5 X 16 BUTTON HEAD SCREW 8.8	4	
3	XW05SZ	M8 SPRING WASHER	4	
4	XW05AZ	M5 FORM A WASHER	4	
5	XNS05H	M5 HEX NUTSERT	4	



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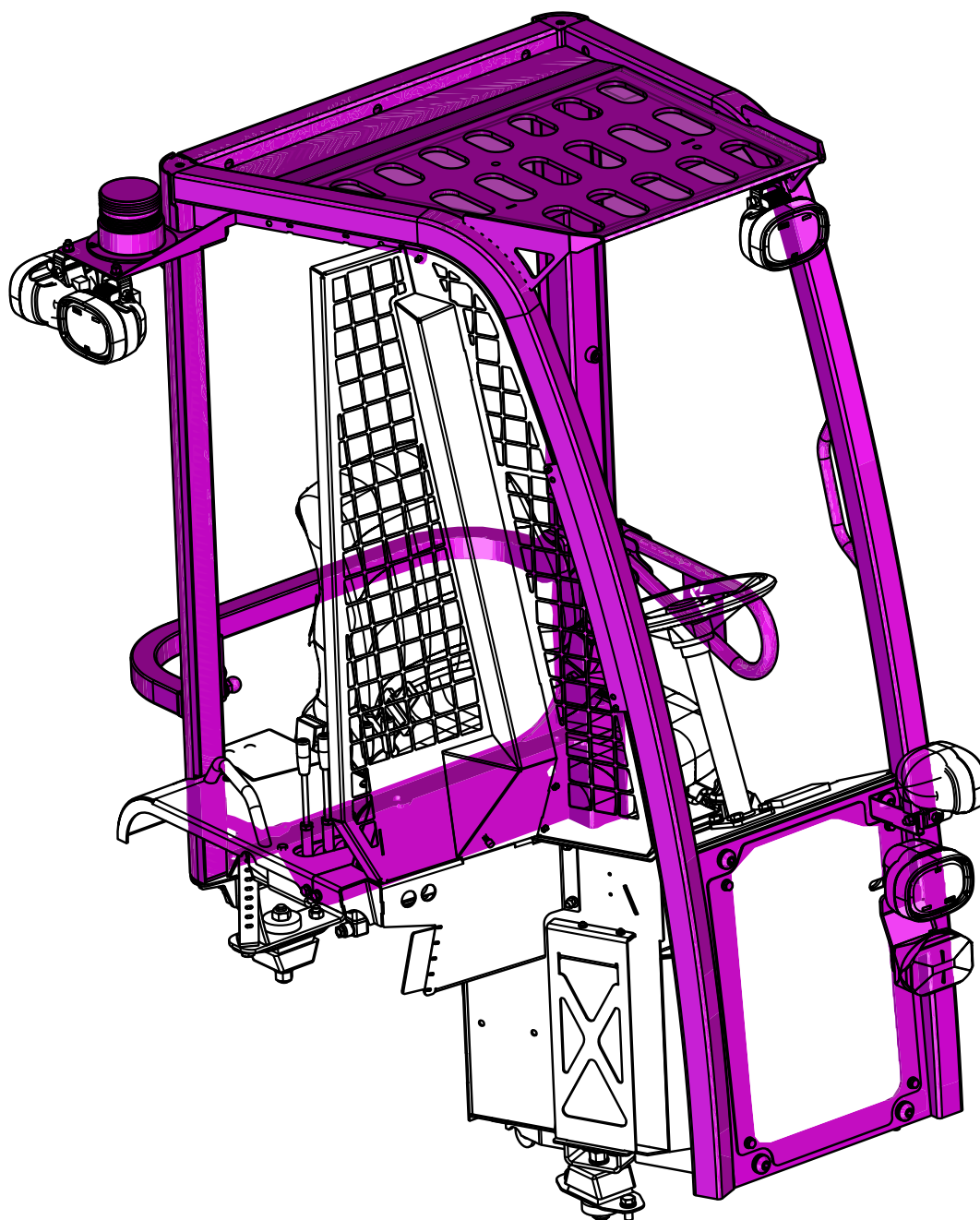


Figure 54: LM2-55-00 – Top Frame

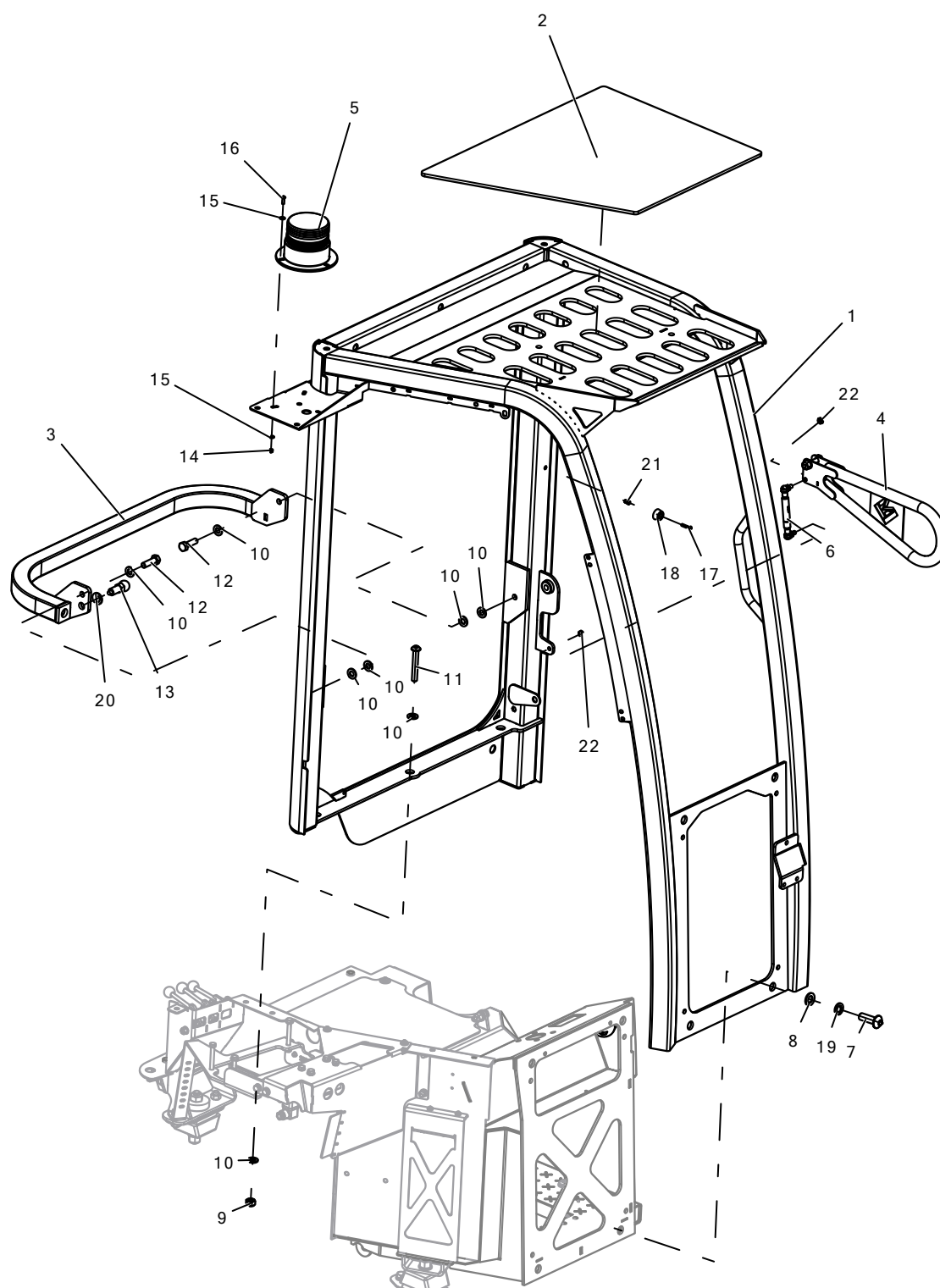


Figure 55: LM2-55-00 – Top Frame Detail

Item	Part no.	Description	Qty	Notes
1	LM2-552-00	UPPER CAB	1	
2	LM2-500-100	ROOF GLASS	1	
3	LM2-554-00	REAR HOOP	1	
4	LM1-505-00	ARM REST/GUARD	1	
5	YBEACON6	LIGHT BEACON	1	
6	YGASTRUT31	250N 155.5 MM GAS SPRING	1	
7	XBUT16050SKTZB	M16 X 50 BUTTON HEAD SCREW 10.9	4	
8	XW16AZ	M16 FORM A WASHER	4	
9	XN12N	M12 NYLOC NUT	5	
10	XW12AZ	M12 FORM A WASHER	22	
11	XBUT12100SKTZB	M12 X 100 BUTTON HEAD SCREW 10.9	3	
12	XB12040Z	M12 X 40 HEX HEAD BOLT 8.8	2	
13	YPLUNGER1	SPRING LOADED PLUNGER	1	
14	XN05N	M5 NYLOC NUT	3	
15	XW05CZB	M5 FORM A WASHER BLACK	6	
16	XBUT05016SKTZB	M5 X 16 BUTTON HEAD SCREWS 8.8	7	
17	XBUT05025SKTZB	M5 X 25 BUTTON HEAD SCREW 8.8	3	
18	YBUFFER1	SMALL BUFFER STOP	1	
19	XW16SZ	M16 SPRING WASHER	5	
20	XW16SZ	M16 SPRING WASHER	1	
21	XNS05H	M5 HEX NUTSERT	7	
22	XN08HZB	M8 HALF NUT	2	



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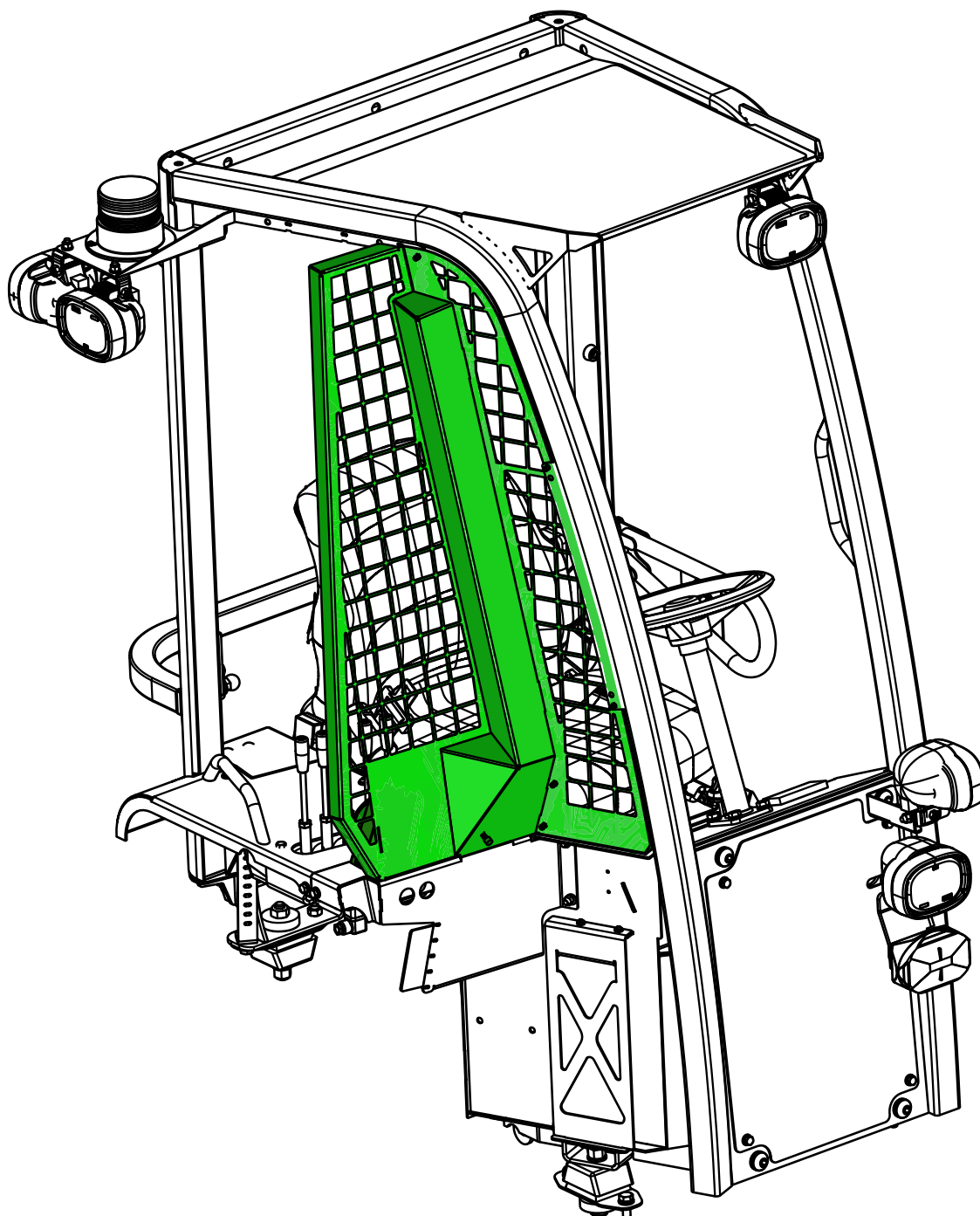


Figure 56: LM2-55-00 - Switches and Switch Guard

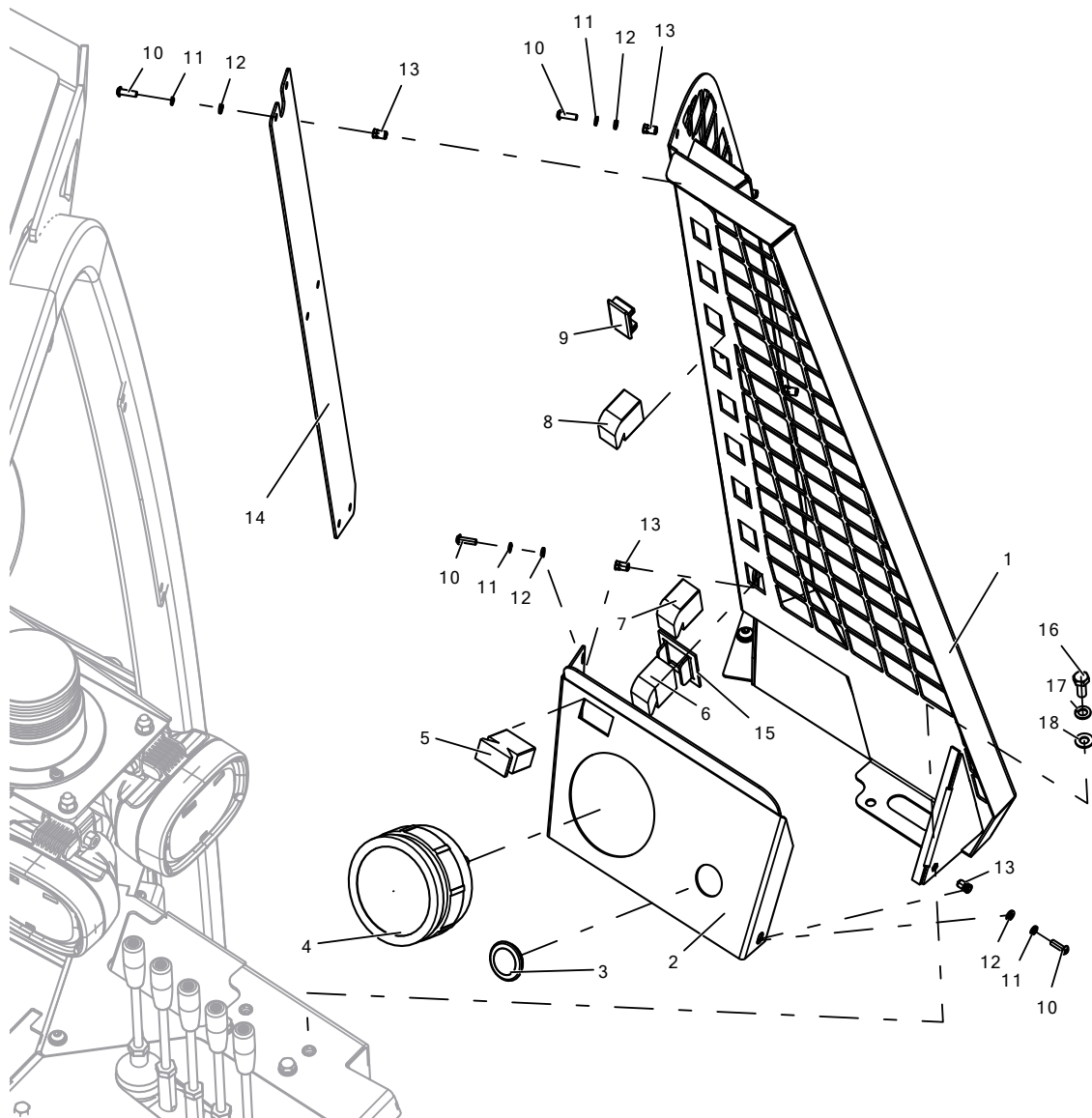


Figure 57: LM2-55-00 – Switches and Switch Guard Detail

Item	Part no.	Description	Qty	Notes
1	LM2-557-00	SAFETY MESH AND SWITCH BOARD	1	
2	LM2-557-60	DIAL PLATE	1	
3	YGR231.8	31.8 MM CLOSED GROMMET	1	
4	YCOMBO1	COMBO GAUGE	1	
5	YSWITCH53	INDICATOR SWITCH	1	
6	YSWITCH52	DIFF, MULTI-DIRECTIONAL AND PARK SWITCH	1	
7	YSWITCH48	HORN SWITCH	1	
8	YSWITCH47	DIFF LOCK AND LIGHT SWITCH	5	
9	YSWITCH50	SWITCH BLANK	2	
10	XBUT05016SKTZB	M5 X 16 BUTTON HEAD SCREW 8.8	19	
11	XW05SZ	M5 SPRING WASHER	18	
12	XW05AZ	M5 FORM A WASHER	12	
13	XNS05H	M5 HEX NUTSERT	19	
14	LM2-550-40	SWITCH ACCESS PANEL	1	
15	LM1-500-12	SWITCH GAURD	1	
16	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	2	
17	XW08SZ	M8 SPRING WASHER	2	
18	XW08AZ	M8 FORM A WASHER	2	

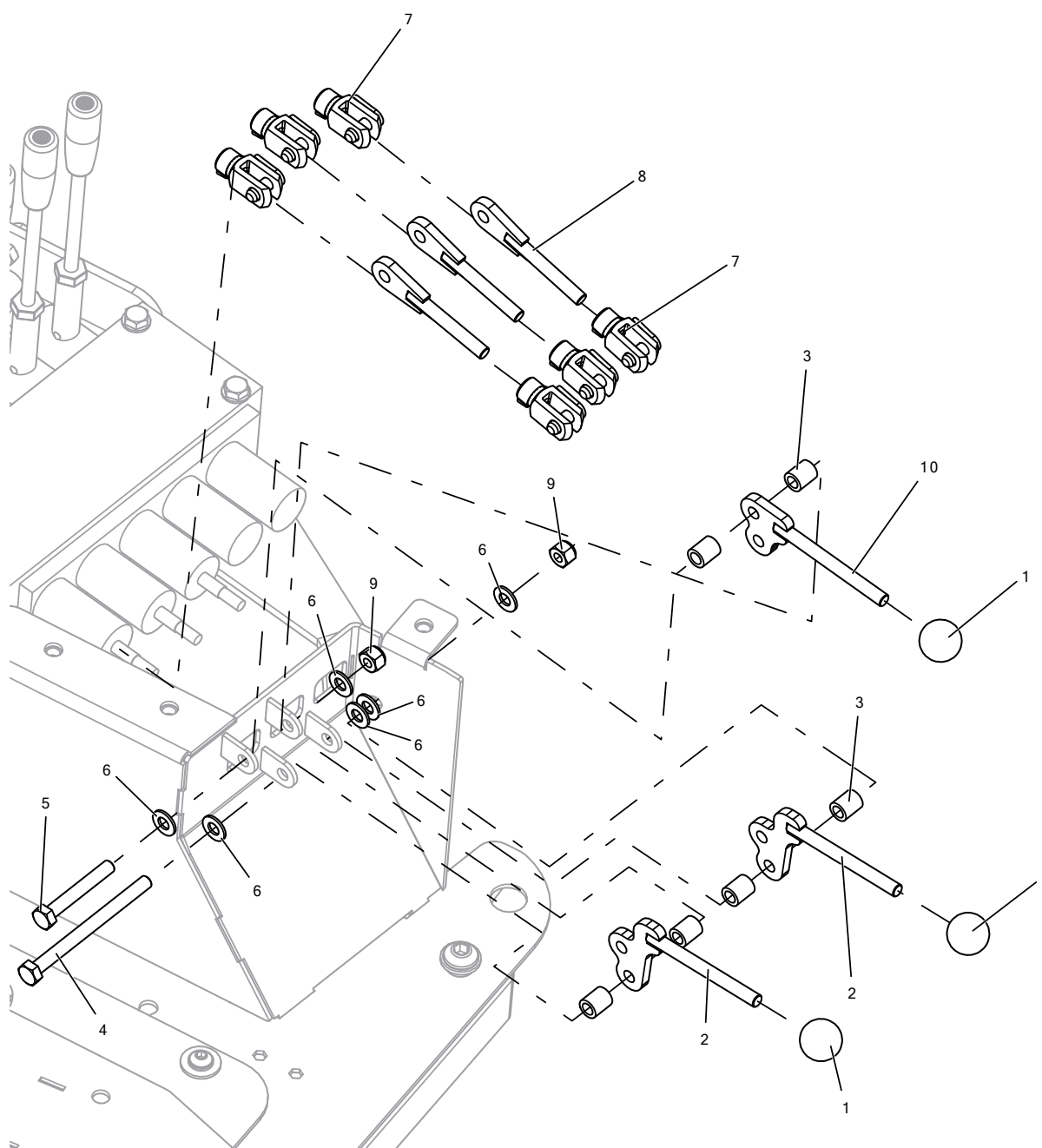


Figure 58: LM2-55-00 Rear Lever Assembly



Item	Part no.	Description	Qty	Notes
1	YKNOB1	25 MM LEVER KNOB	3	
2	LM2-500-68	TILT LEVER LINK	2	
3	LL10026	SPACER BOSS	6	
4	XS08100Z	M8 X 60 HEX HEAD SCREW 8.8	1	
5	XS08055Z	M8 X 55 HEX HEAD SCREW 8.8	1	
6	XW08AZ	M8 FORM A WASHER	6	
7	YCLEVIS3	CLEVIS ASSEMBLY	6	
8	LM2-500-33	REAR LEVER LINKAGE	3	
9	XN08N	M8 NYLOC NUT	2	
10	LM2-500-69	LIFT/REACH LEVER LINK	1	



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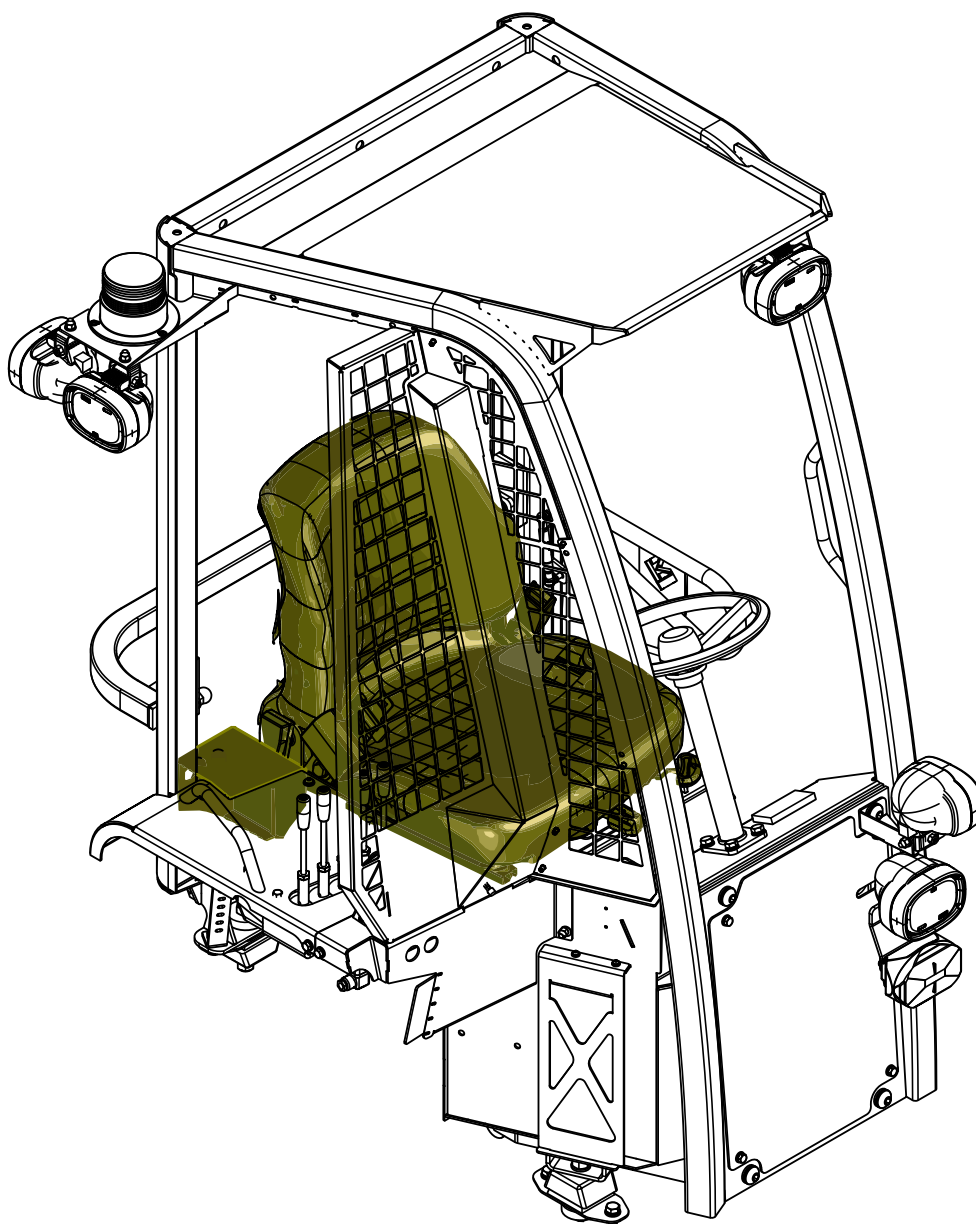


Figure 59: LM2-55-00 Seats and Rear Lever Bank

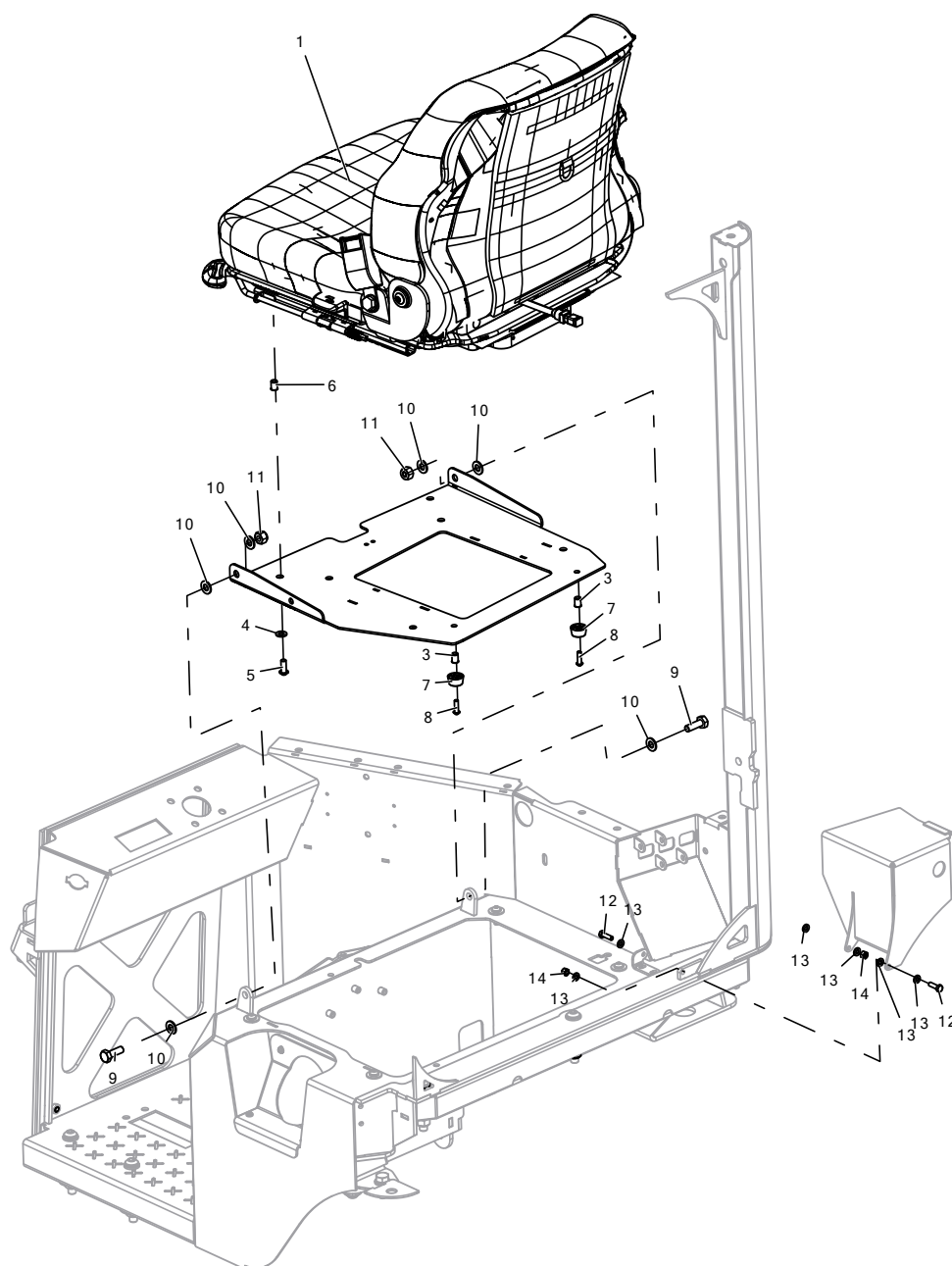


Figure 60: LM2-55-00 – Suspension Seat

Item	Part no.	Description	Qty	Notes
1	YSEAT2	SUSPENSION SEAT	1	
2	LM2-500-13	SEAT TILT PLATE	1	
3	XNS06	M6 NUTSERT	2	
4	XW08AZ	M6 FORM A WASHER	4	
5	XBUT08020SKTZB	M8 X 20 BUTTON HEAD SCREW 8.8	4	
6	XNS08	M8 NUTSERT	4	
7	YBUFFER1	SMALL BUFFER STOP	2	
8	XBUT06020SKTZB	M6 X 20 BUTTON HEAD SCREW 8.8	2	
9	XS10030Z	M19 X 30 HEX HEAD SCREW 8.8	2	
10	XW10AZ	M10 FORM A WASHER	6	
11	XN10N	M10 NYLOC NUT	2	
12	XS06025Z	M6 X 25 HEX HEAD SCREW 8.8	2	
13	XW06AZ	M6 FORM A WASHER	6	
14	XN06N	M6 NYLOC NUT	2	

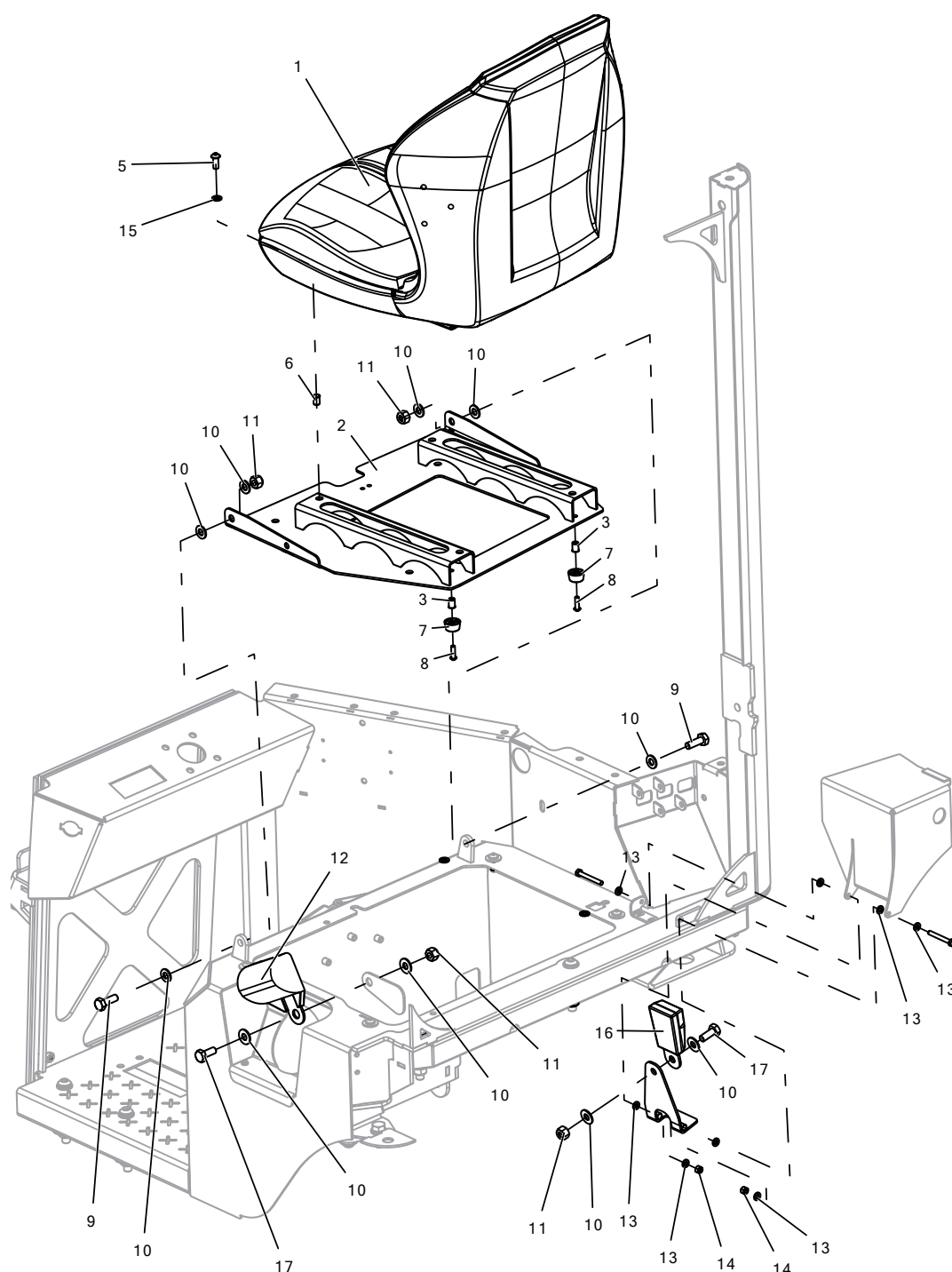


Figure 61: LM2-55-00 Comfort Seat

Item	Part no.	Description	Qty	Notes
1	YSEAT5	COMFORT SEAT WITHOUT SEAT BELT	1	
2	LM2-500-10	SEAT TILT PLATE - COMFORT SEAT	1	
3	XNS06	M6 NUTSERT	2	
4	XW08AZ	M6 FORM A WASHER	4	
5	XBUT08020SKTZB	M8 X 20 BUTTON HEAD SCREW 8.8	4	
6	XNS08	M8 NUTSERT	4	
7	YBUFFER1	SMALL BUFFER STOP	2	
8	XBUT06020SKTZB	M6 X 20 BUTTON HEAD SCREW 8.8	2	
9	XS10030Z	M10 X 30 HEX HEAD SCREW 8.8	2	
10	XW10AZ	M10 FORM A WASHER	10	
11	XN10N	M10 NYLOC NUT	4	
12	LM2-520-03	SEAT BELT REEL MOUNT	1	
13	XW06AZ	M6 FORM A WASHER	8	
14	XN06N	M6 NYLOC NUT	2	
15	XW08SZ	M8 SPRING WASHER	4	
16	YSEATBELT2	ORANGE SEAT BELT	1	
17	XS10025Z	M10 X 25 HEX HEAD SCREW 8.8	2	
18	XS06050Z	M6 X 50 HEX HEAD SCREW 8.8	2	

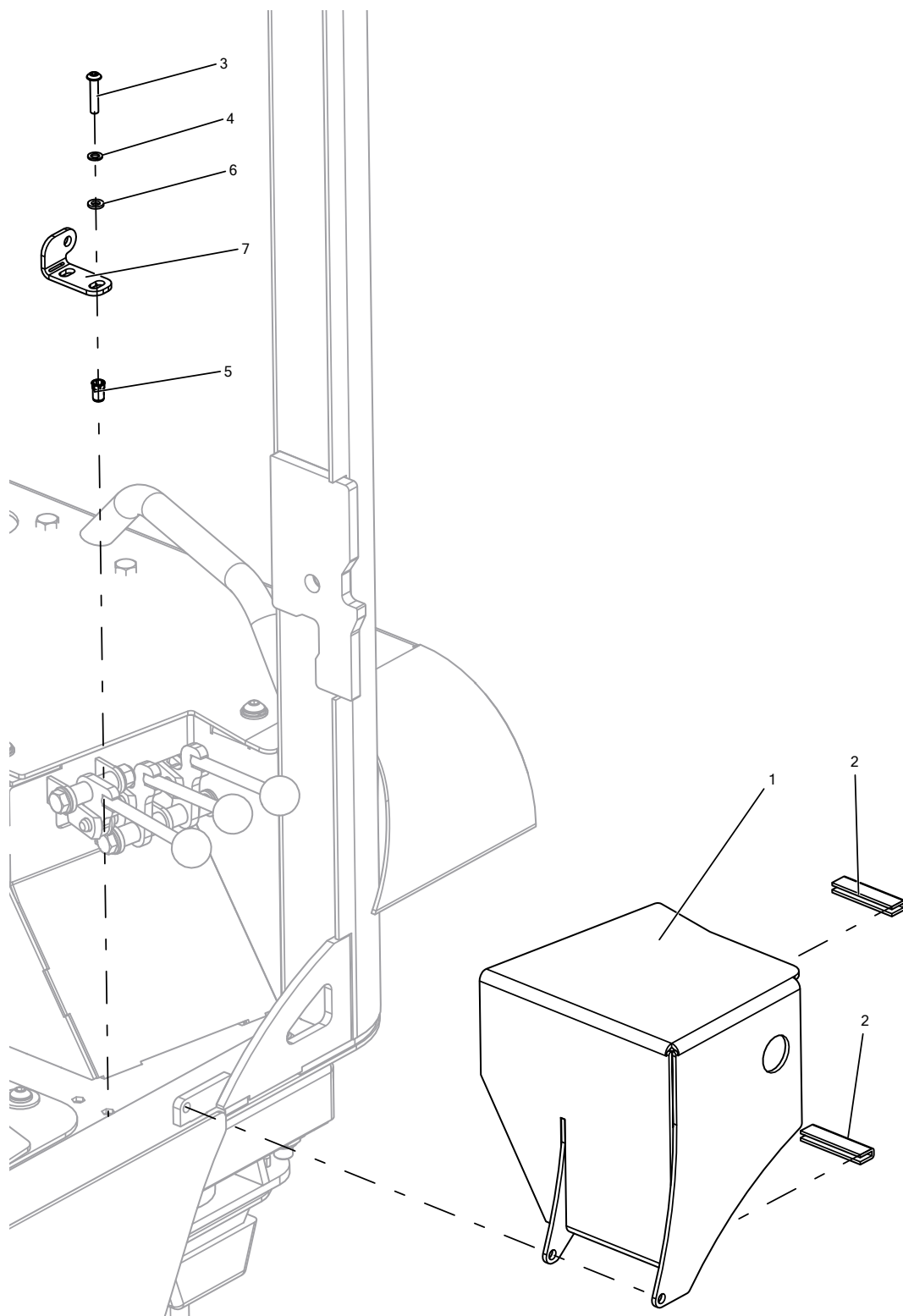


Figure 62: LM2-55-00 – Rear Lever Bank Lid

Item	Part no.	Description	Qty	Notes
1	LM2-558-00	REAR LEVER COVER VERSION 2	1	SEE SEAT SETUP DRAWINGS FOR FASTENING DETAILS FOR LEVER COVER
2	LM2-500-72	2-4 MM EDGE TRIM 50 MM LONG	2	
3	XBUT05025SKTZB	M5 X 25 BUTTON HEAD SCREW 8.8	1	
4	XW05SZ	M5 SPRING WASHER	1	
5	XNS05H	M5 HEX NUTSERT OPEN	1	
6	XW05Z	M5 FORM A WASHER	1	
7	LM2-500-53	HINGE PLATE	1	

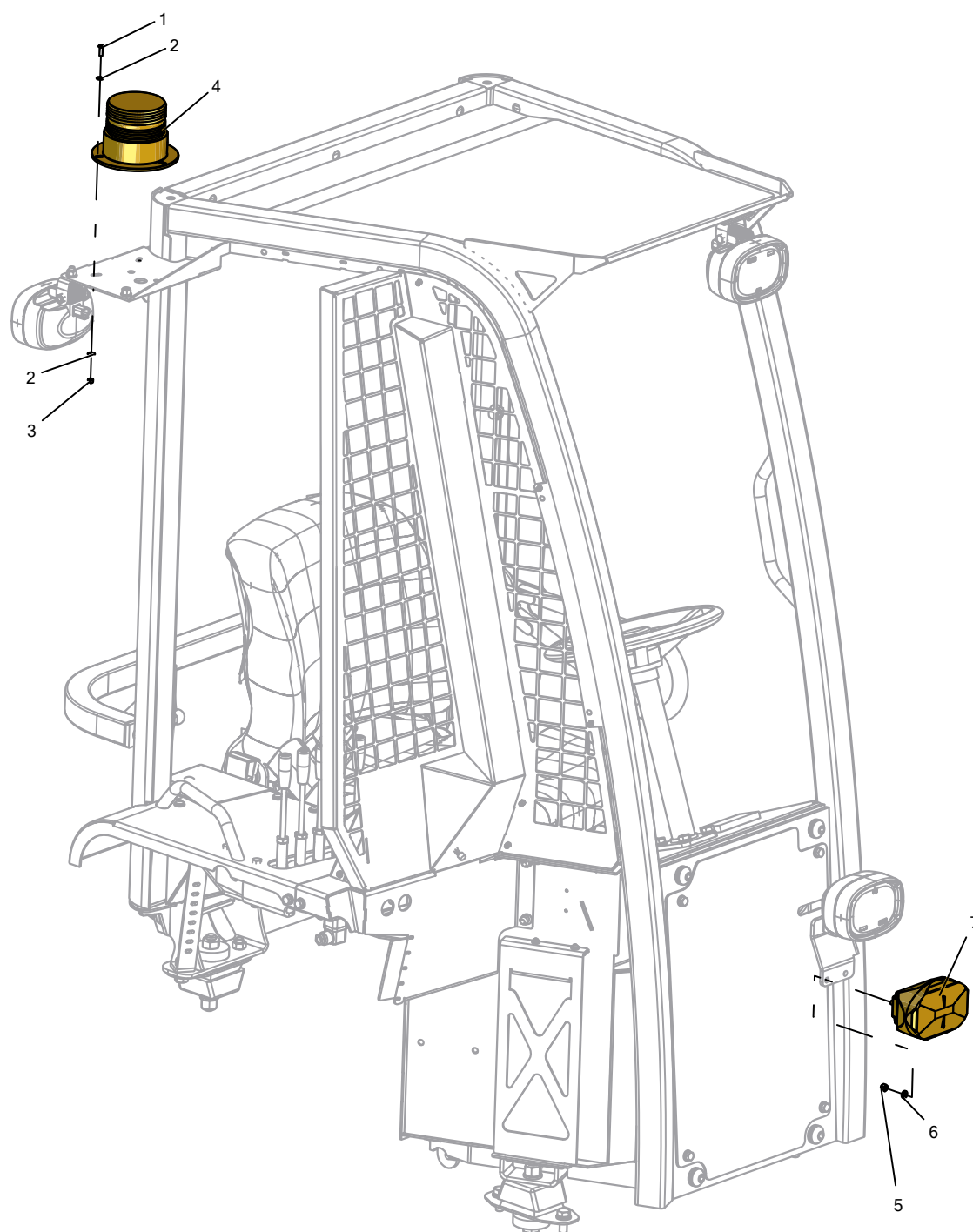


Figure 63: LM2-55-00 Beacon and Indicator Lights



Item	Part no.	Description	Qty	Notes
1	XBUT05016SKTZB	M5 X 16 BUTTON HEAD SCREW 8.8	3	
2	XW05CZB	M5 FORM C WASHER	6	
3	XN05N	M5 NYLOC NUT	3	
4	YBEACON6	LIGHT BEACON	1	
5	XN06N	M6 NYLOC NUT	2	
6	XW06AZ	M6 FORM A WASHER	2	
7	YLIGHT27	LH INDICATOR LIGHT	1	



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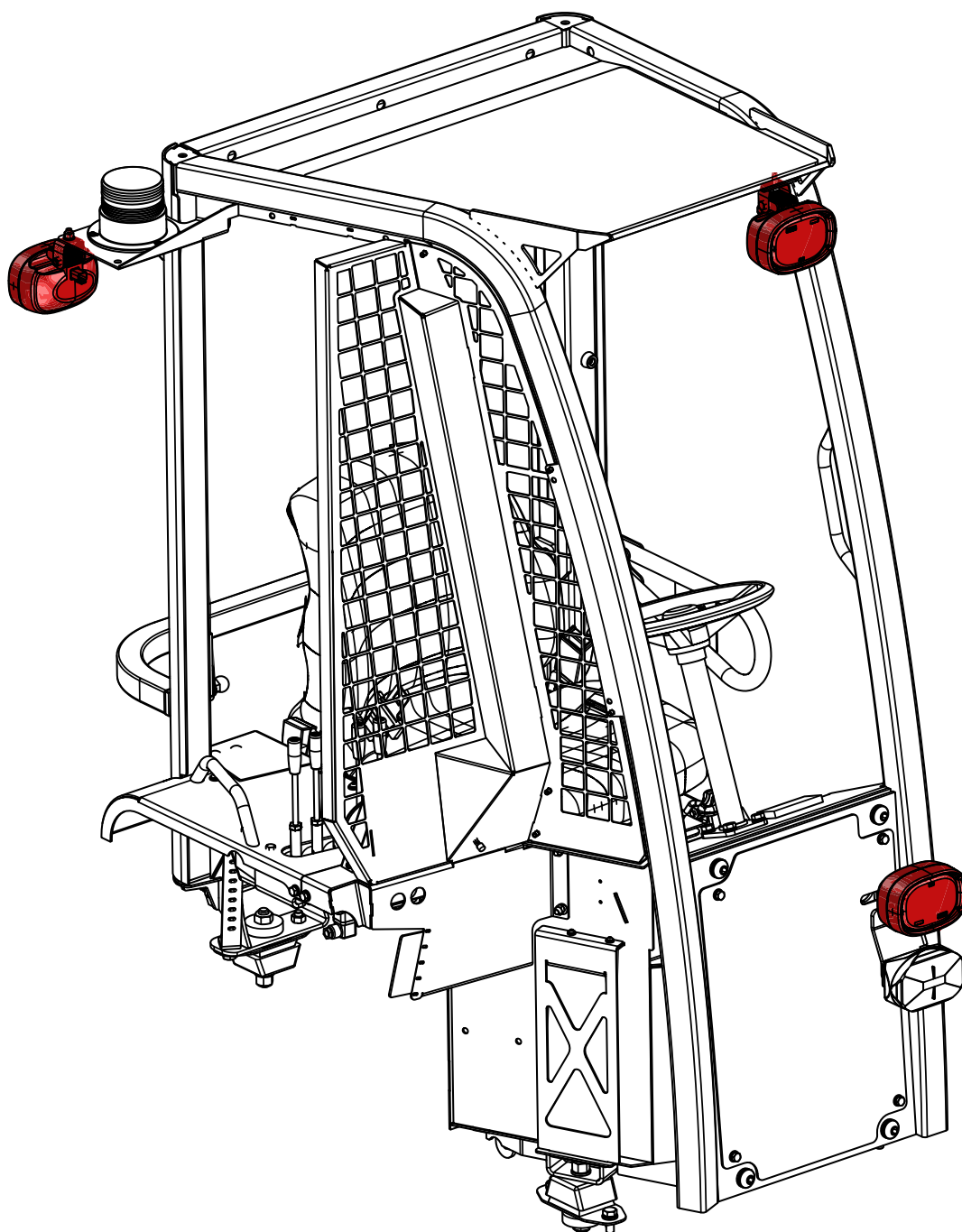


Figure 64: LM2-55-00 Halogen Light Standard

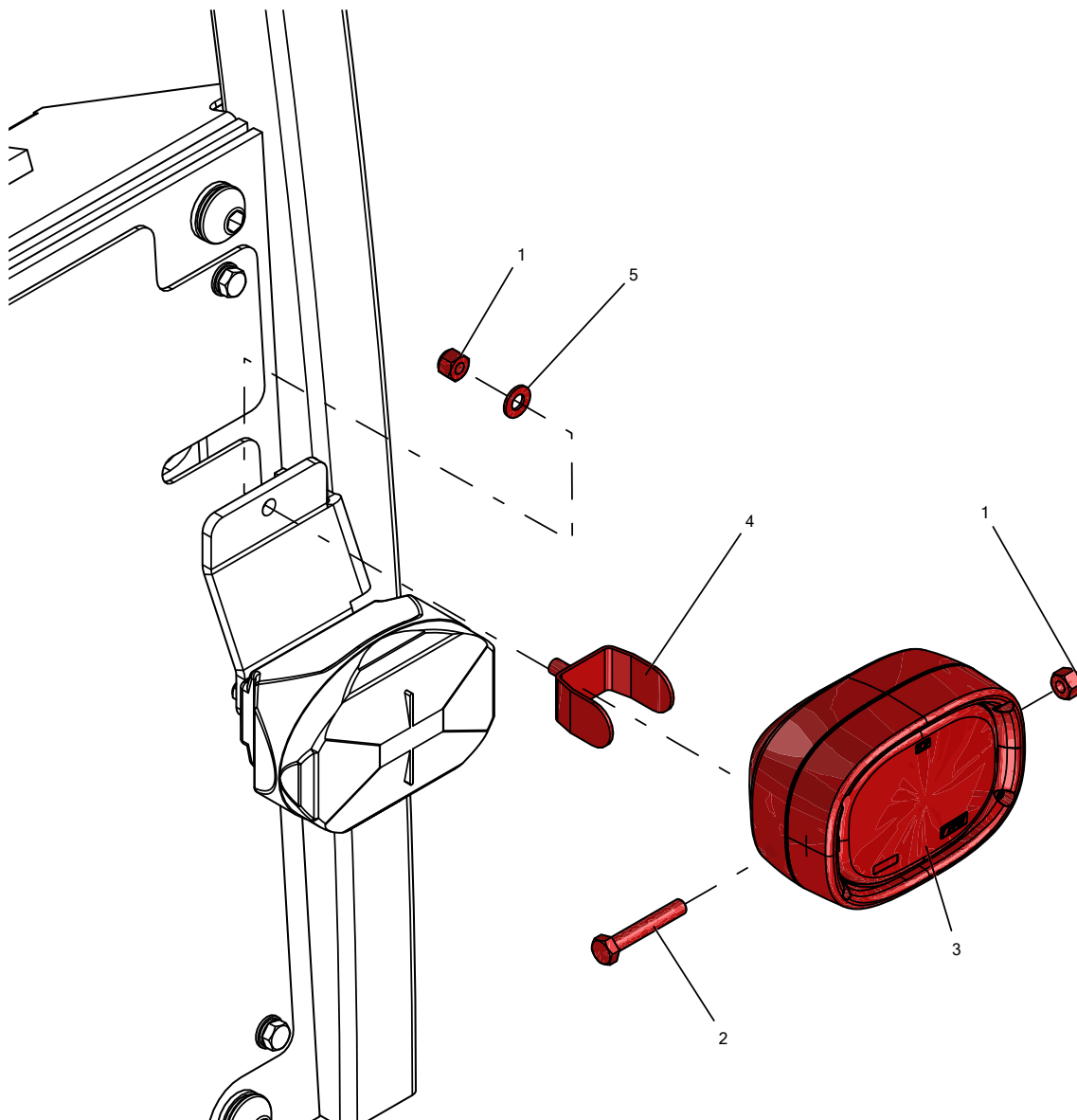


Figure 65: LM2-55-00 Halogen Light Standard - Front



Item	Part no.	Description	Qty	Notes
1	XN08N	M8 NYLOC NUT	2	
2	XS08050Z	M8 X 50 HEX HEAD SCREW 8.8	1	
3	YLIGHT22 - LIGHT	HALOGEN WORKLIGHT	1	
4	YLIGHT22 - BRACKET	HALOGEN WORKLIGHT BRACKET	1	
5	XW08AZ	M8 FORM A WASHER	1	

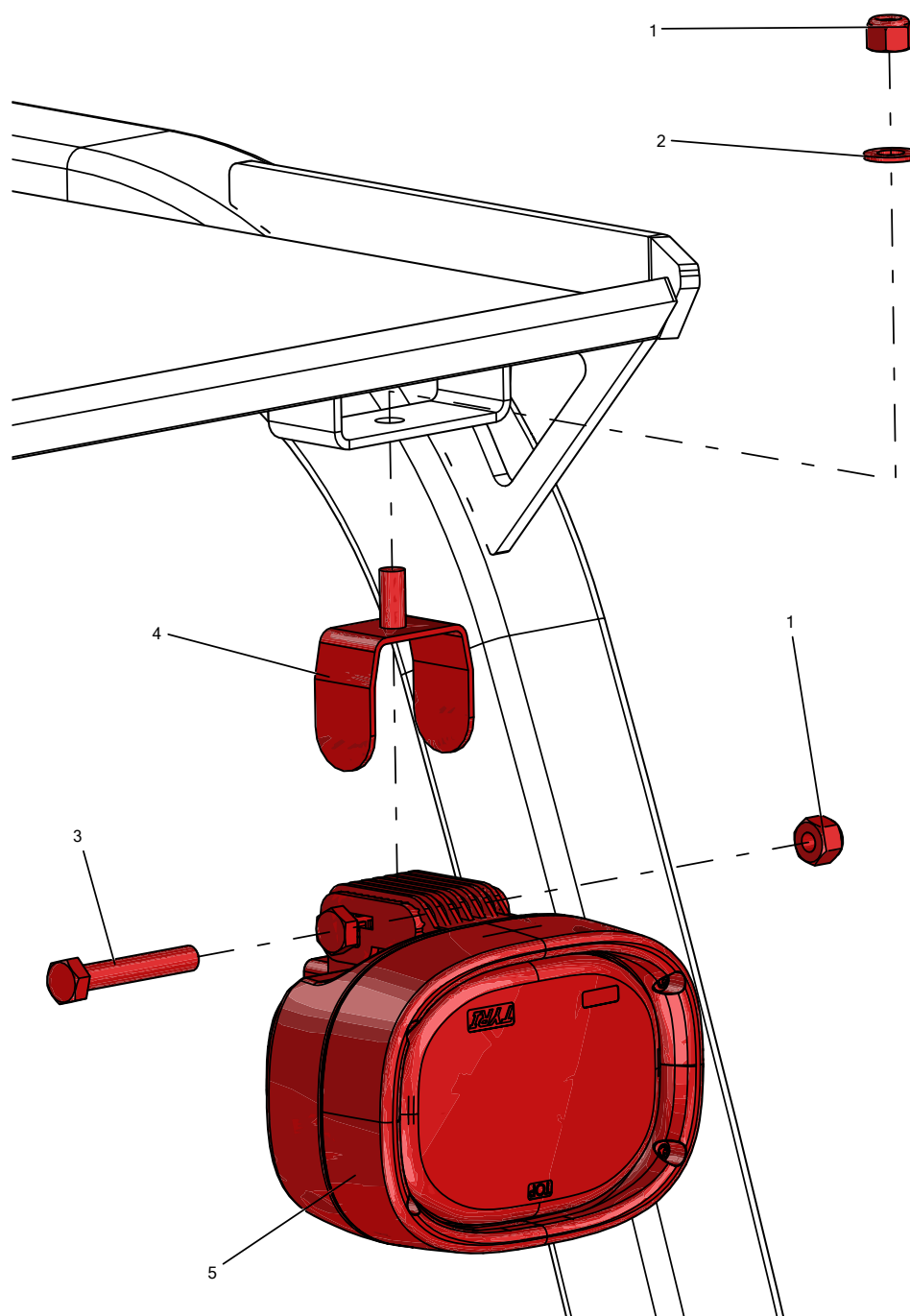


Figure 66: LM2-55-00 Halogen Light Standard - Top



Item	Part no.	Description	Qty	Notes
1	XN08N	M8 NYLOC NUT	2	PART OF YLIGHT22
2	XW08AZ	M8 FORM A WASHER	1	PART OF YLIGHT22
3	XS08050Z	M8 X 50 HEX HEAD SCREW 8.8	1	PART OF YLIGHT22
4	YLIGHT22 - BRACKET	HALOGEN WORKLIGHT BRACKET	1	PART OF YLIGHT22
5	YLIGHT22 - LIGHT	HALOGEN WORKLIGHT	1	PART OF YLIGHT22

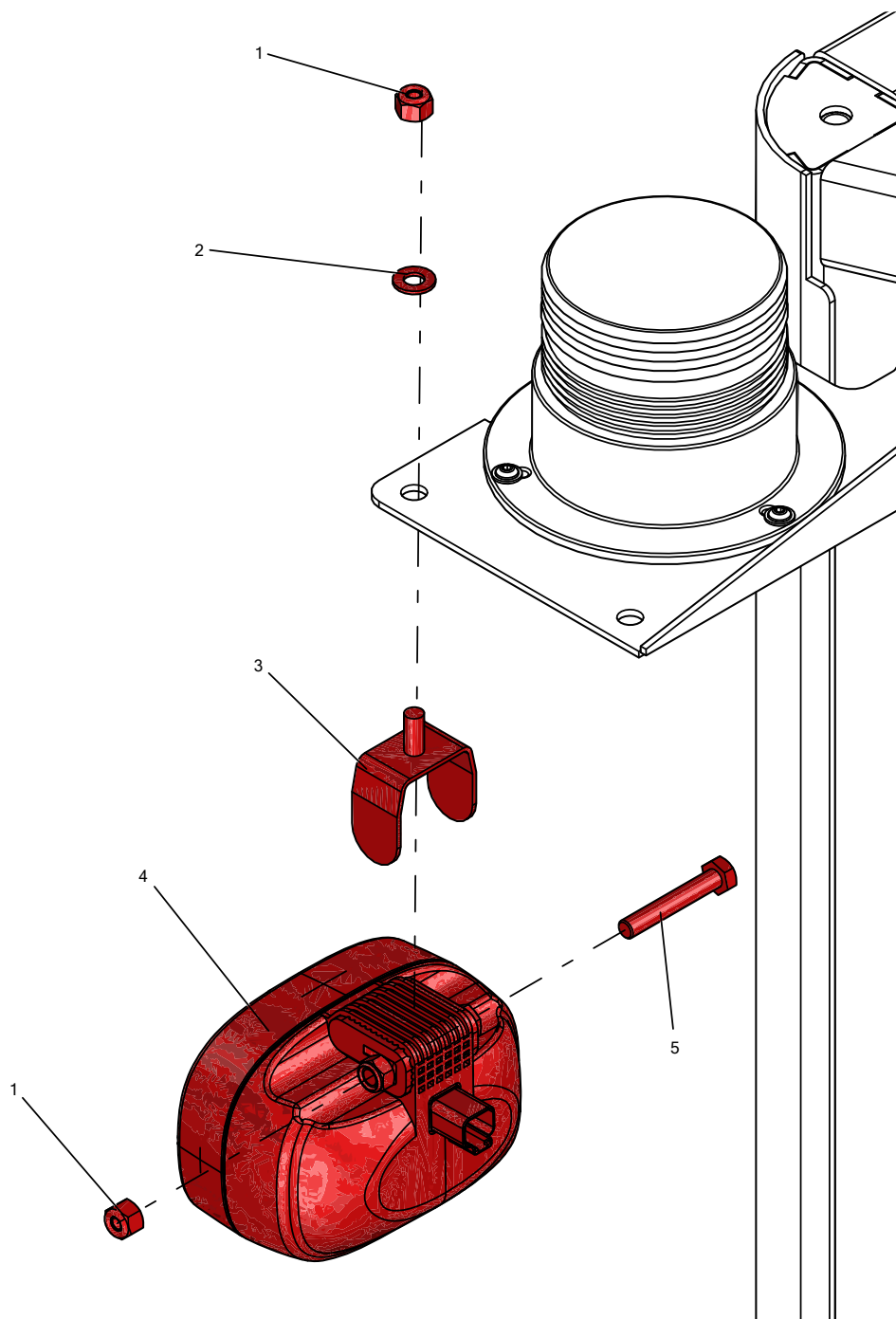


Figure 67: LM2-55-00 Halogen Light Standard - Side

Item	Part no.	Description	Qty	Notes
1	XN08N	M8 NYLOC NUT	2	PART OF YLIGHT22
2	XW08AZ	M8 FORM A WASHER	1	PART OF YLIGHT22
3	YLIGHT22 - BRACKET	HALOGEN WORLLIGHT - BRACKET	1	PART OF YLIGHT22
4	YLIGHT22 - LIGHT	HALOGEN WORKLIGHT	1	PART OF YLIGHT22
5	XS08050Z	M8 X 50 HEX HEAD SCREW 8.8	1	PART OF YLIGHT22



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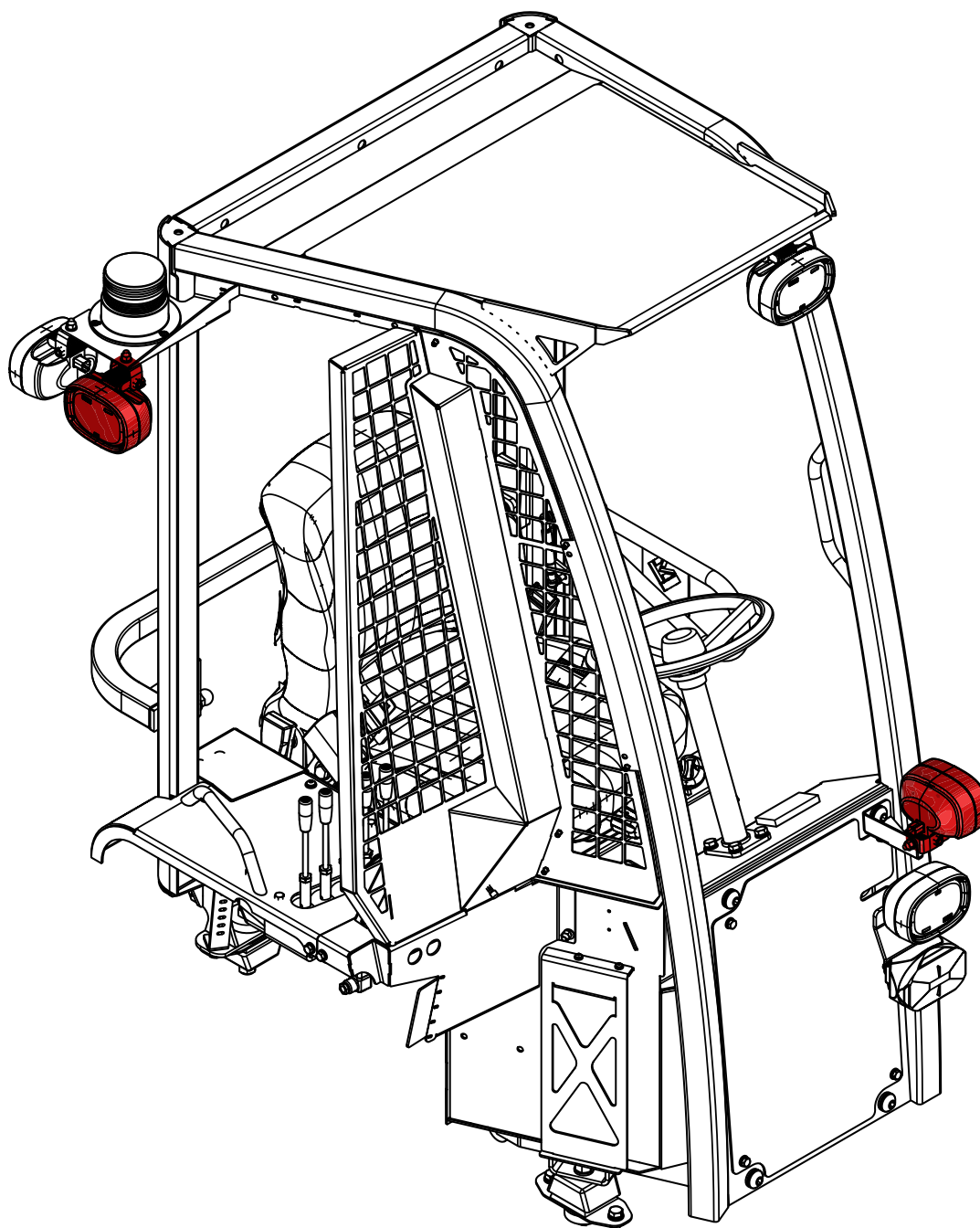


Figure 68: LM2-55-00 Halogen Light Options

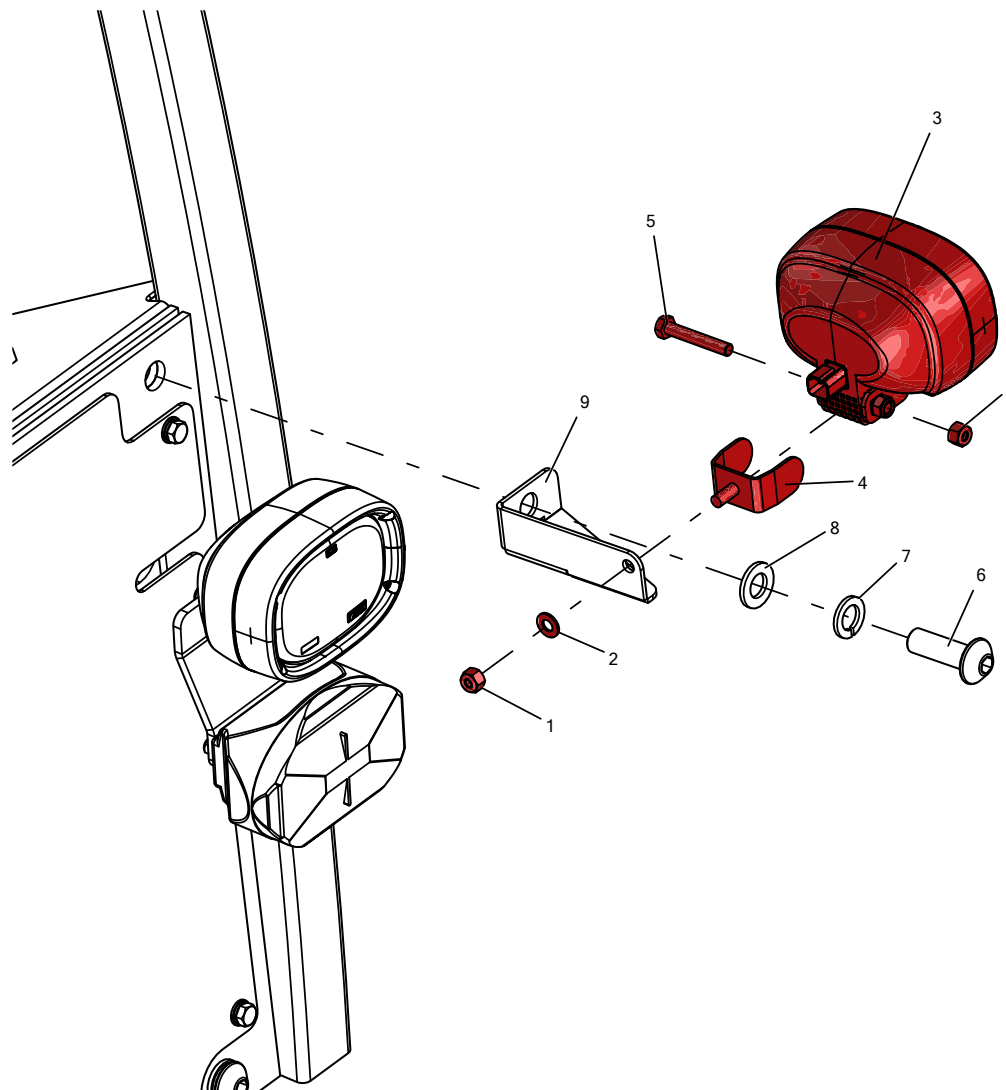


Figure 69: LM2-55-00 Halogen Light Options – LH Side



Item	Part no.	Description	Qty	Notes
1	XN08N	M8 NYLOC NUT	2	PART OF YLIGHT22
2	XW08AZ	M8 FORM A WASHER	1	PART OF YLIGHT22
3	YLIGHT22 - LIGHT	HALOGEN WORKLIGHT	1	PART OF YLIGHT22
4	YLIGHT22 - BRACKET	HALOGEN WORKLIGHT - BRACKET	1	PART OF YLIGHT22
5	XS08050Z	M8 X 50 HEX HEAD SCREW 8.8	1	PART OF YLIGHT22
6	XBUT16050SKTZB	M16 X 50 BUTTON HEAD SCREW 10.9	1	
7	XW16SZ	M16 SPRING WASHER	1	
8	XW16AZ	M16 FORM A WASHER	1	
9	LM2-550-50	FRONT LIGHT OPTION - BRACKET	1	

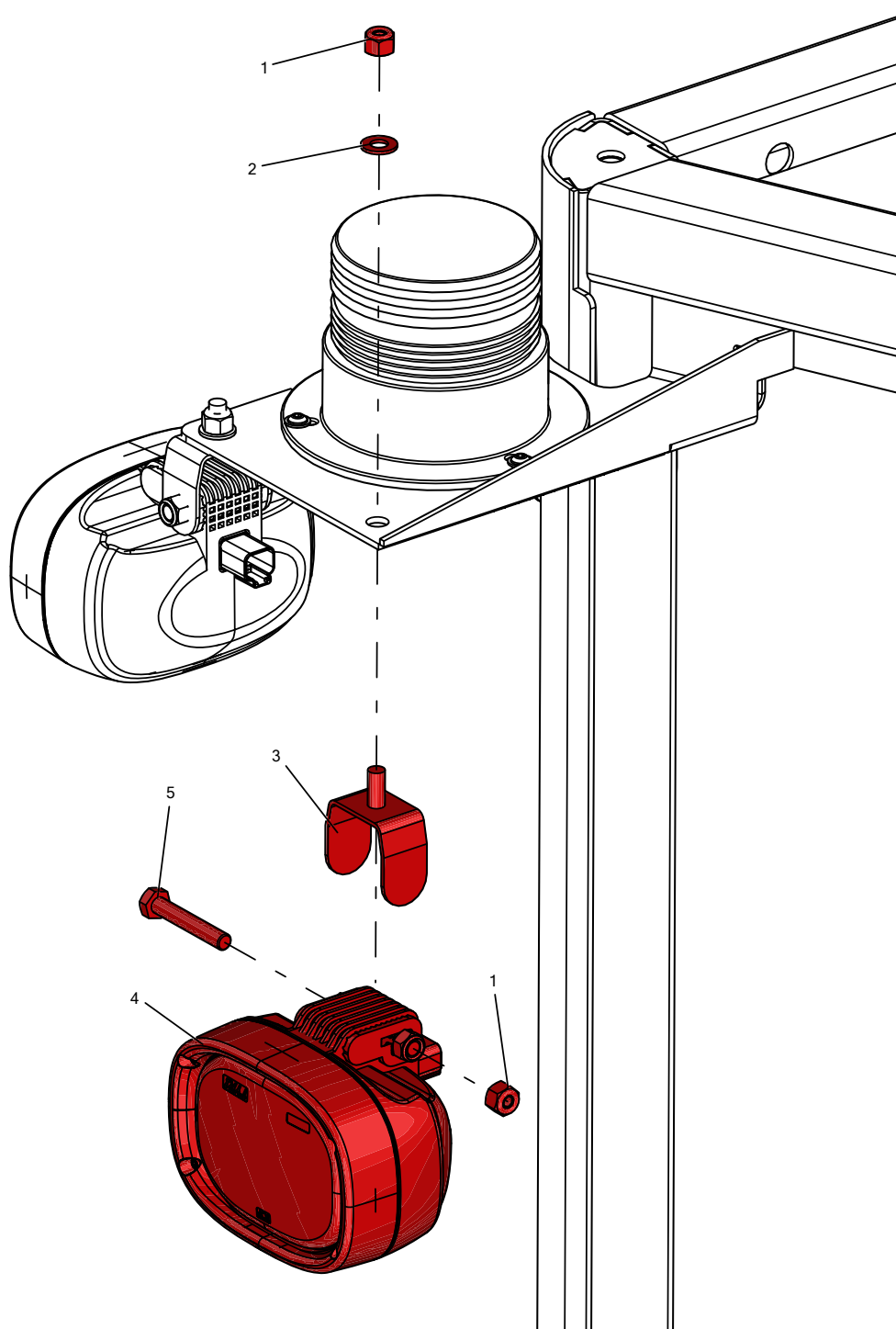
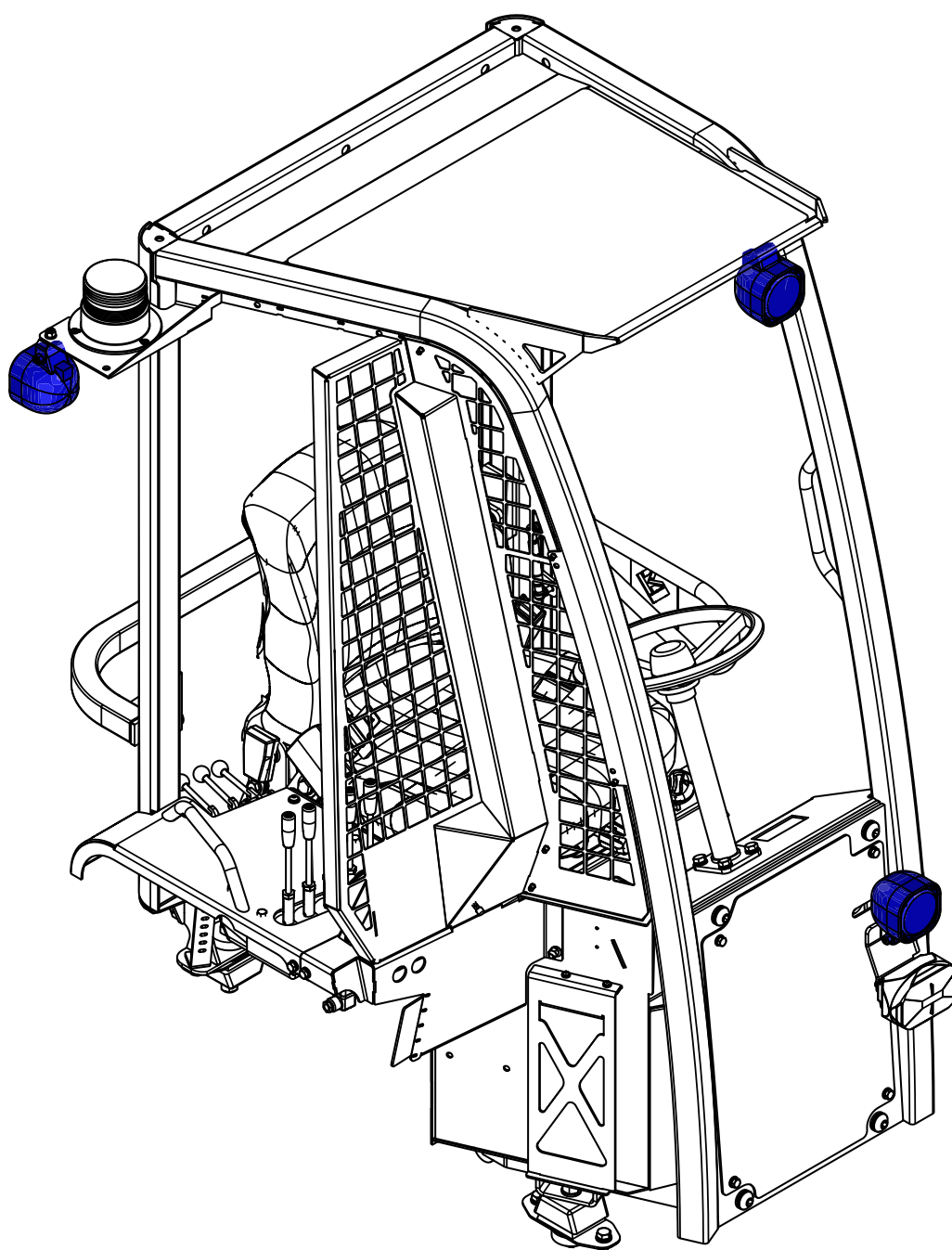


Figure 70 LM2-55-00 Halogen Light Options - Side



Item	Part no.	Description	Qty	Notes
1	XN08N	M8 NYLOC NUT	2	PART OF YLIGHT22
2	XW08AZ	M8 FORM A WASHER	1	PART OF YLIGHT22
3	YLIGHT22 - BRACKET	HALOGEN WORKLIGHT - BRACHET	1	PART OF YLIGHT22
4	YLIGHT22 - LIGHT	HALOGEN WORKLIGHT	1	PART OF YLIGHT22
5	XS08050Z	M8 X 50 HEX HEAD SCREW 8.8	1	PART OF YLIGHT22

*Figure 71 LM2-55-00 LED Light Standard*

Item	Part no.	Description	Qty	Notes
1	YLIGHT43	LED WORKLIGHT	3	Same positions as Halogen lights (including fastenings)

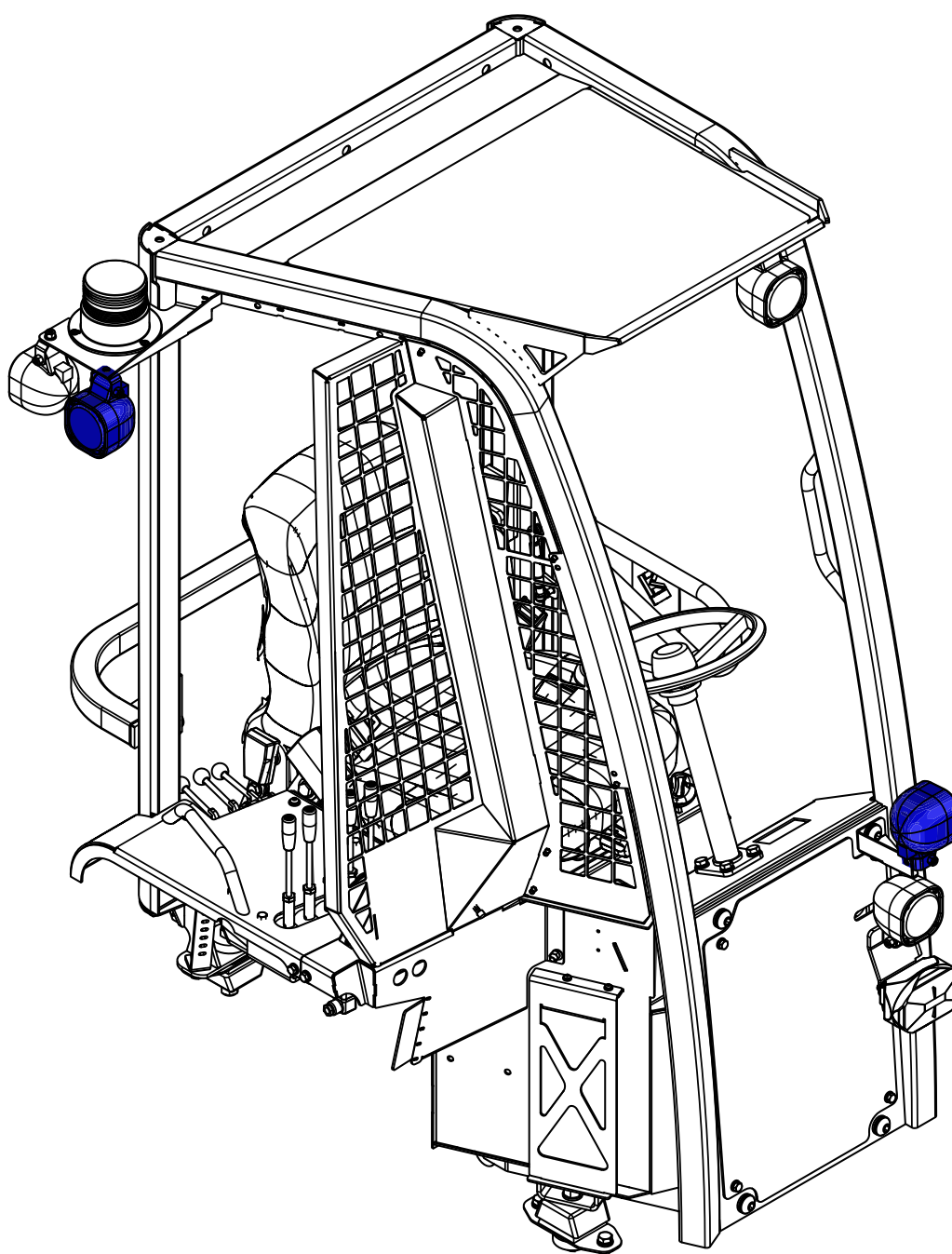


Figure 72: LM2-55-00 LED Light Options

Item	Part no.	Description	Qty	Notes
1	YLIGHT43	LED WORKLIGHT	2	Same positions as Halogen lights (including fastenings)

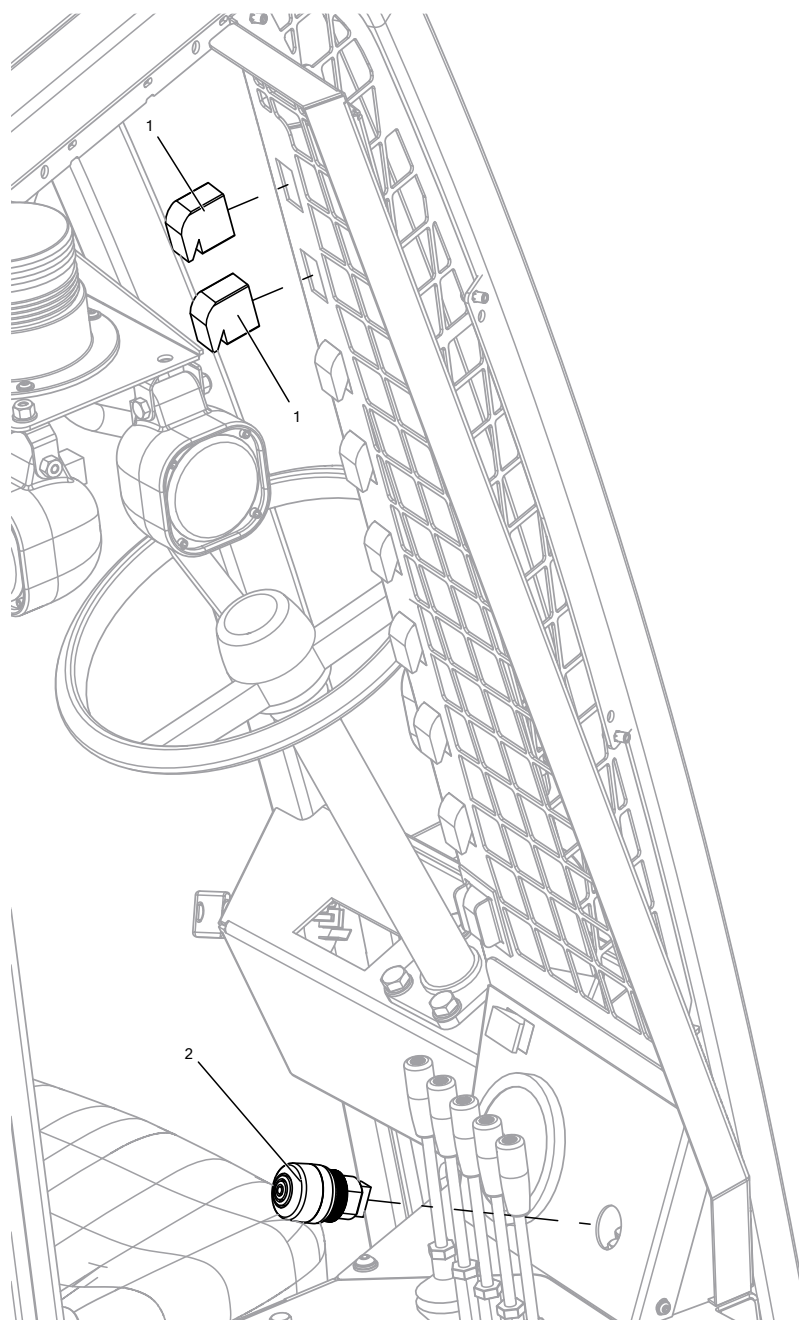
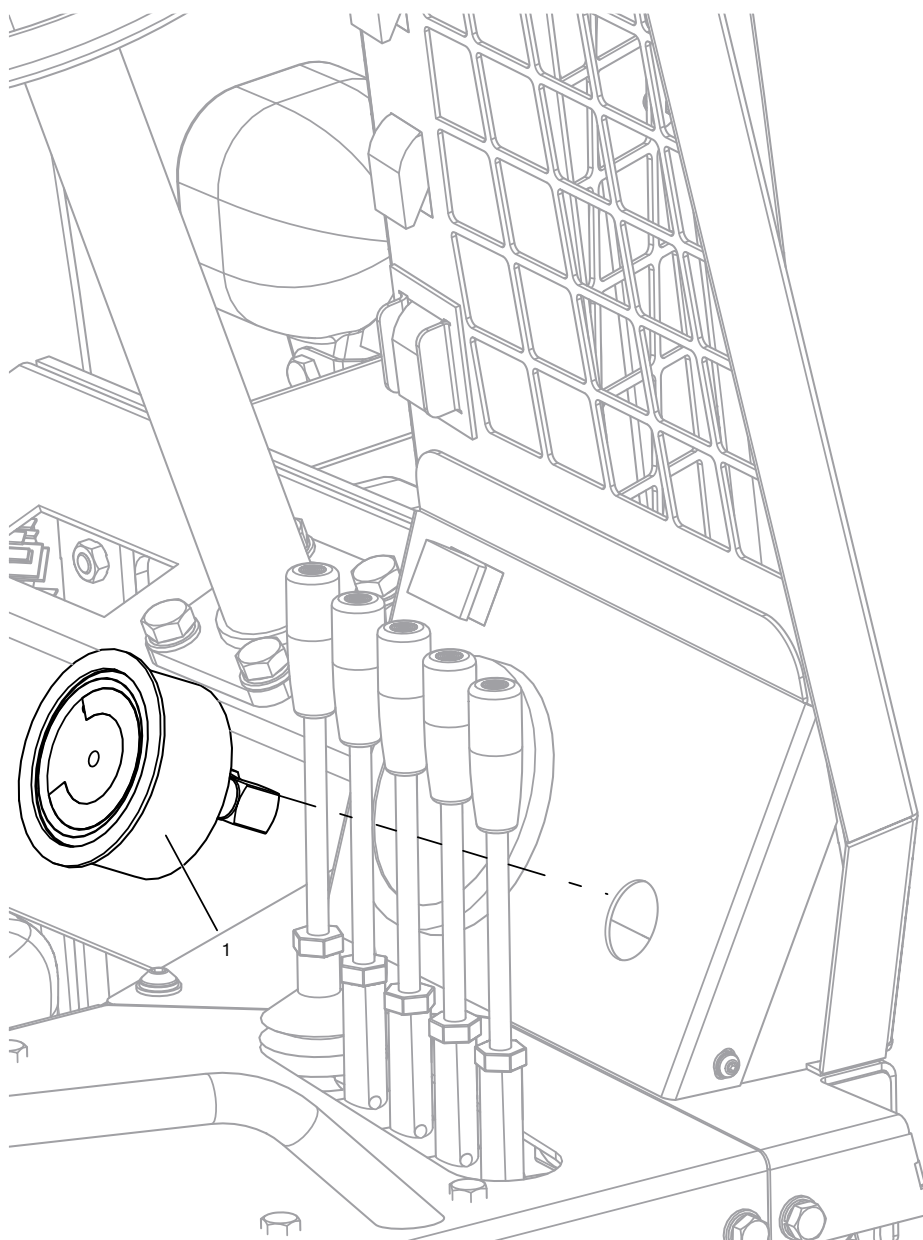
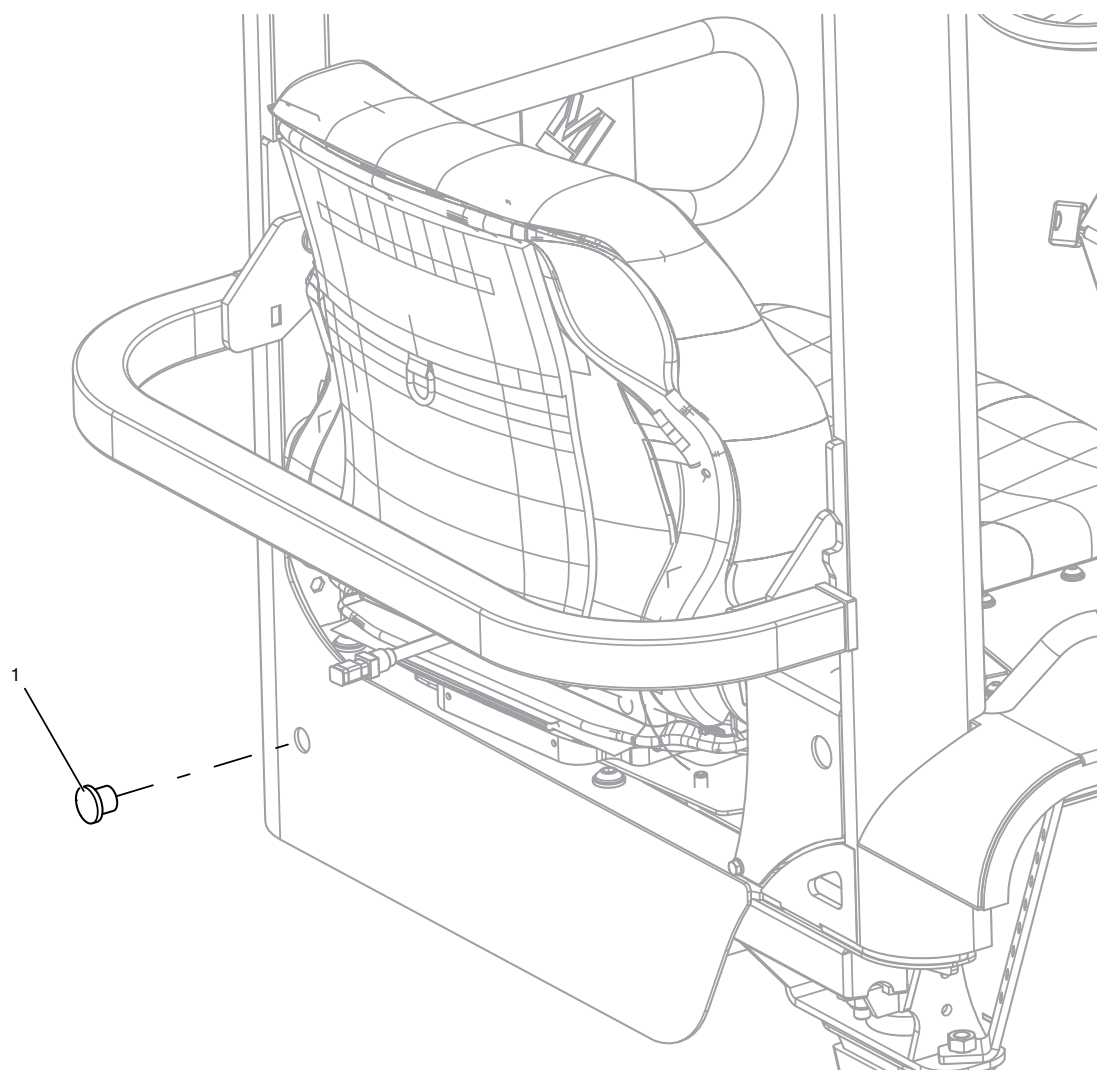


Figure 73 LM2-55-00 Multi-Directional Switches and warning light option

Item	Part no.	Description	Qty	Notes
1	YSWITCH47	DIFF LOCK AND LIGHT SWITCH	2	FOR LED/HALOGEN LIGHT OPTIONS
2	YBEACON10	COMBO BEACON	1	FOR LED/HALOGEN LIGHT OPTIONS

*Figure 74: LM2-55-00 Safe Working Load Gauge Option*

Item	Part no.	Description	Qty	Notes
1	LM2-516-00	SAFE WORKING LOAD GAUGE	1	

*Figure 75 LM2-55-00 Marker Light Option*

Item	Part no.	Description	Qty	Notes
1	YLIGHT40	SINGLE MARKER LIGHT	1	FOR USA AND CANADA MARKETS



CHAPTER4: LM2-60-00 POWERTRAIN ASSEMBLY

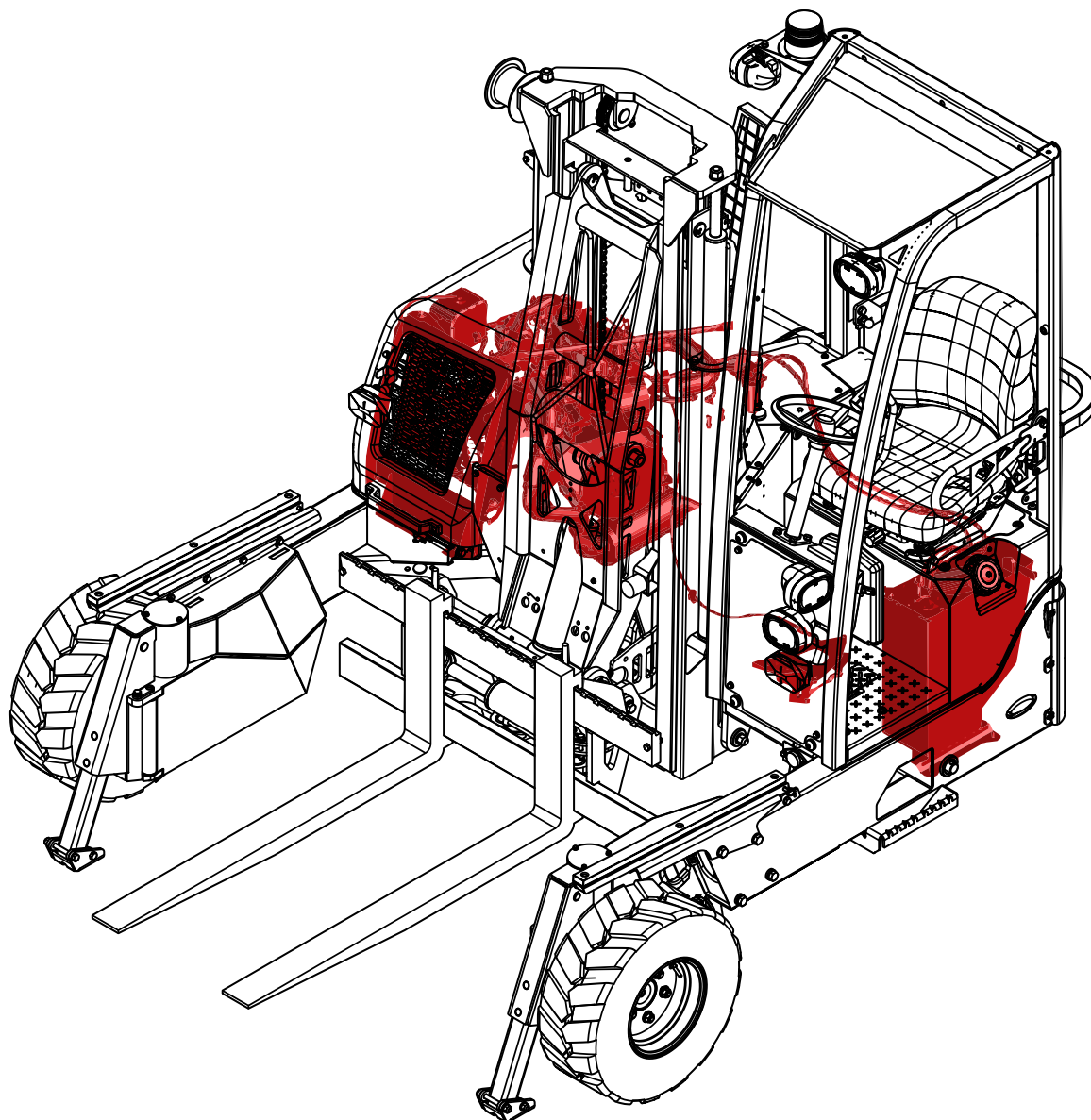


Figure 76 LM2-60-00 Kubota 3 Cylinder Engine Powertrain Layout

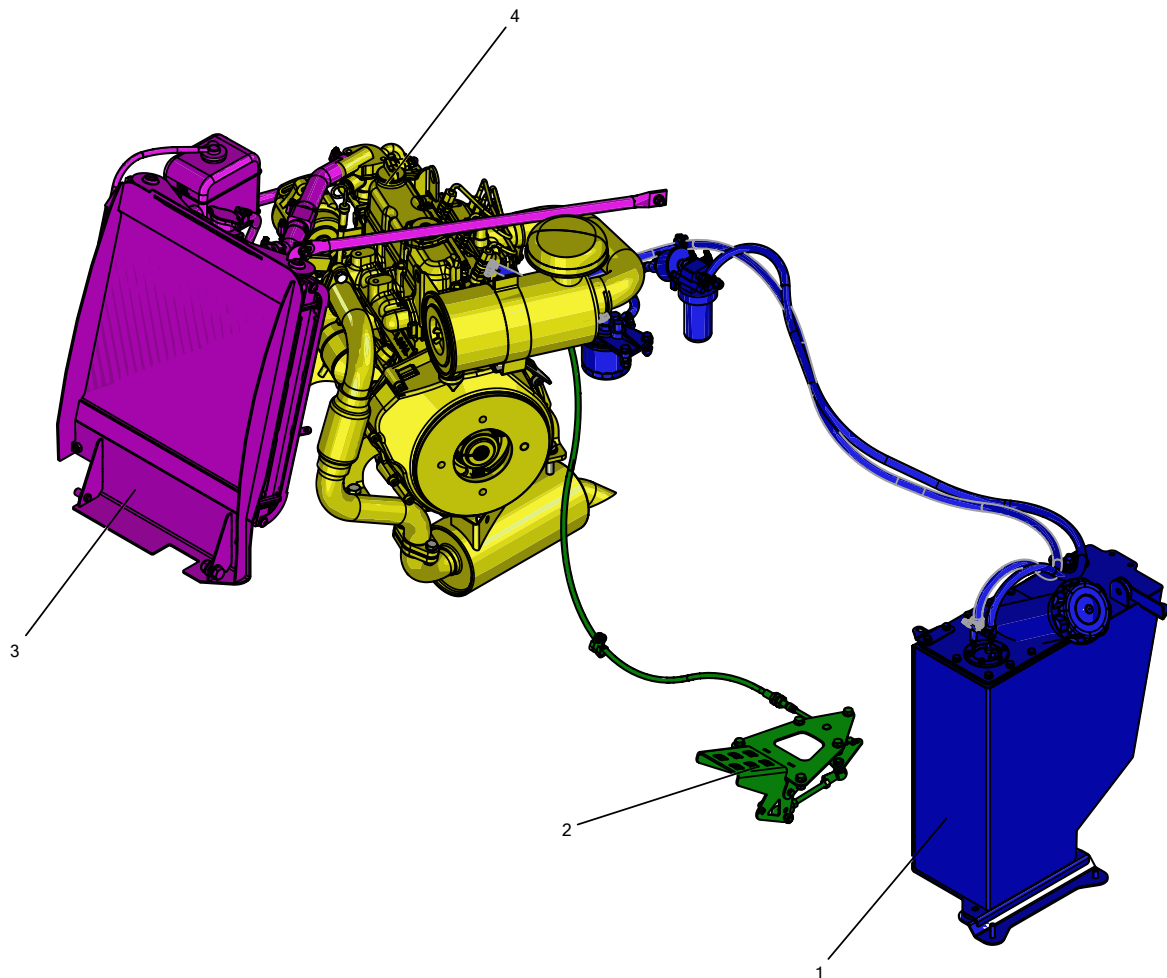


Figure 77: LM2-60-00 Kubota 3 Cylinder Engine Powertrain Assembly detail

Item	Part no.	Description	Qty	Notes
1	LM2-62-00	DIESEL FUEL SYSTEM	1	USED ON 3- AND 4-CYLINDER ENGINES
2	LM2-500-80	ENGINE THROTTLE ASM	1	USED ON 3- AND 4-CYLINDER ENGINES
3	LM2-17-00	D1305 COOLING SYSTEM	1	
4	LM2-60-00	KUBOTA 3 CYLINDER ENGINE D1305-E4B-KEA-1	1	



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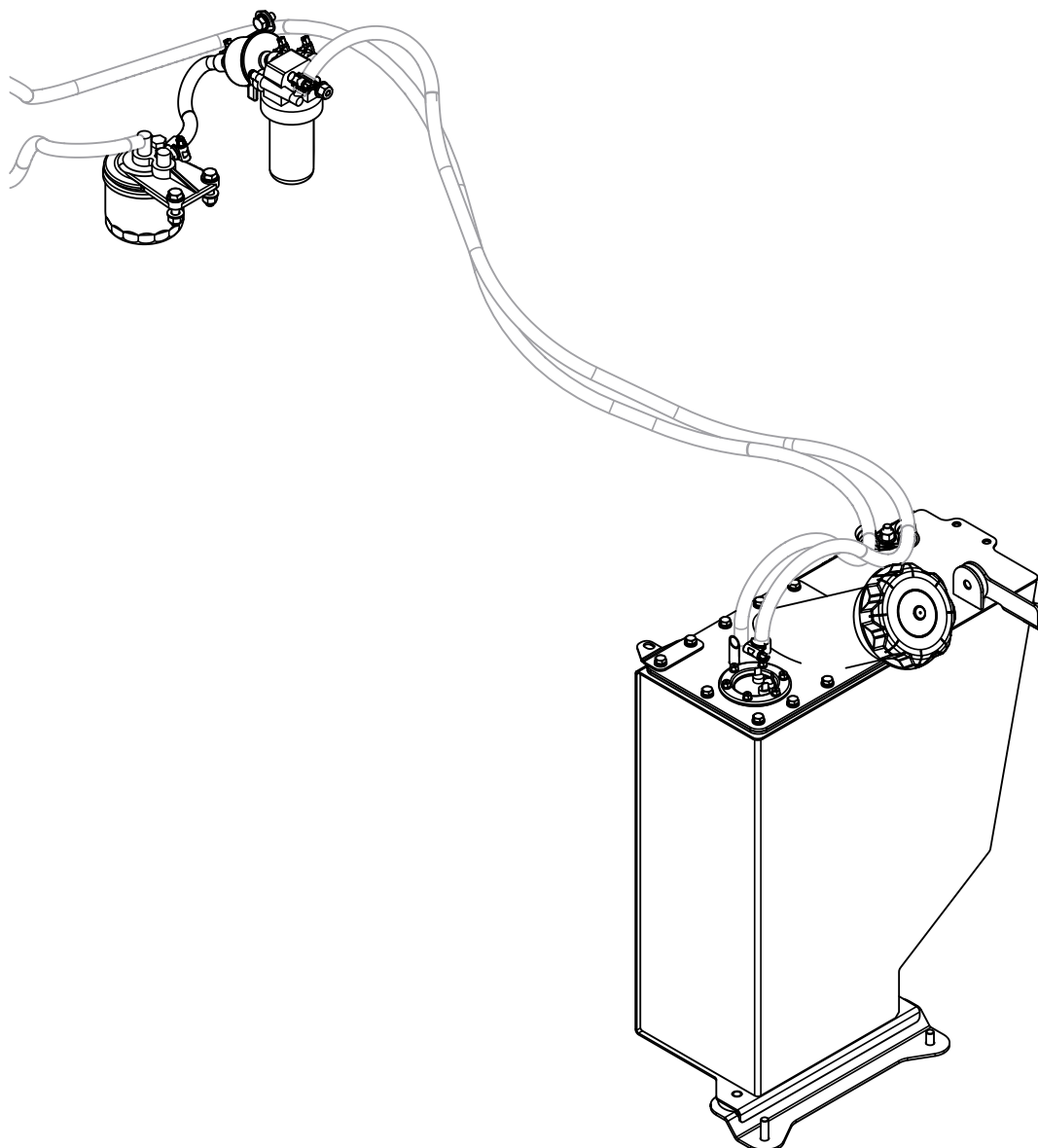


Figure 78: LM2-62-00 Fuel System Breakdown

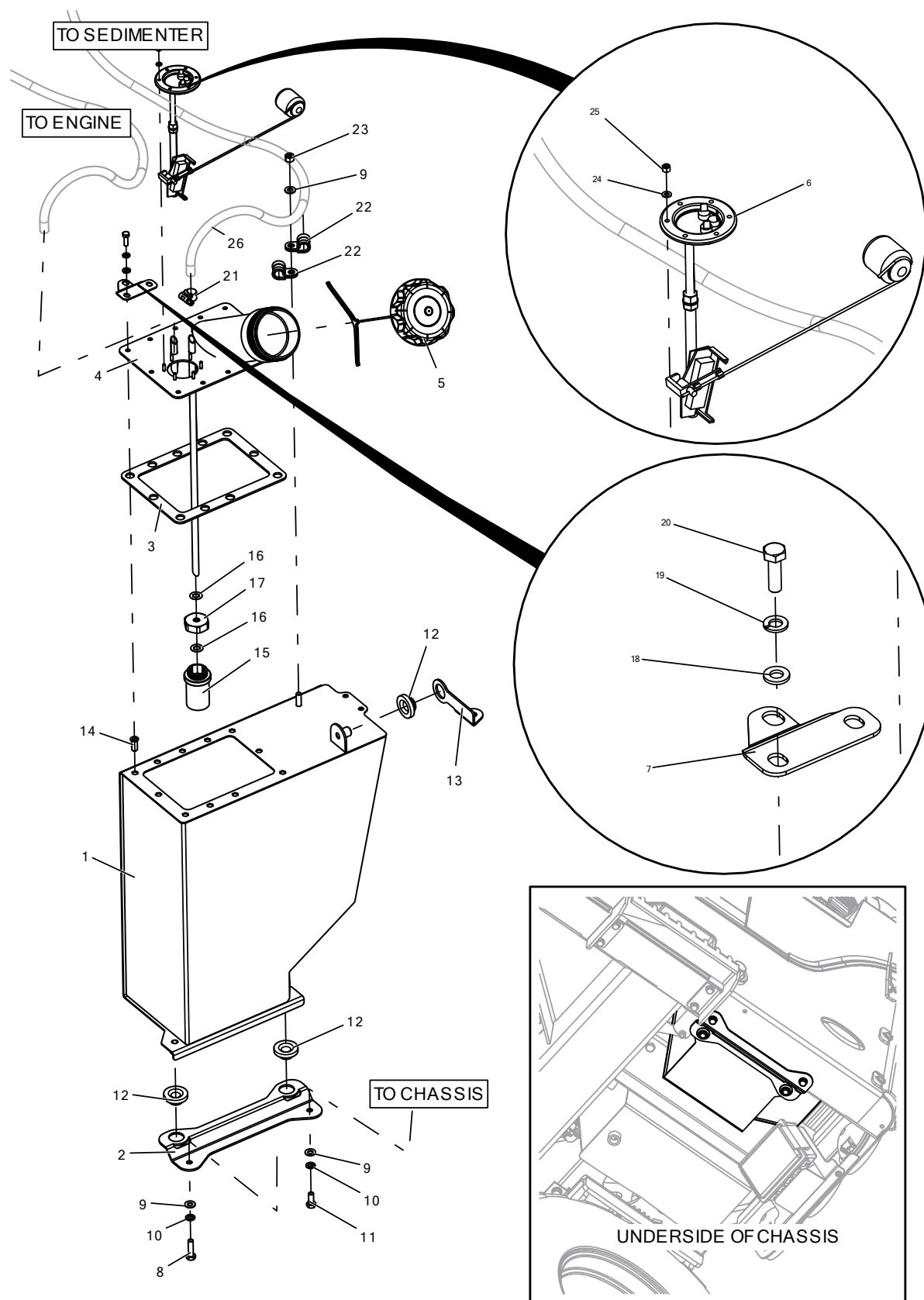


Figure 79: LM2-62-00 Fuel System Breakdown 2

Item	Part no.	Description	Qty	Notes
1	LM2-602-00	FUEL TANK	1	
2	LM2-602-13	DIESEL TANK SUPPORT	1	
3	LM2-101-38	DIESEL TANK GASKET	1	
4	LM2-602-01	FUEL FILLER BULKHEAD	1	
5	YFILLER5	NON-LOCKING FUEL CAP	1	
6	YSENDER1	DIESEL SENDER UNIT	1	
7	LM2-600-02	TANK BRACE	1	
8	XS08030Z	M8 X 30 HEX HEAD SCREW 8.8	1	
9	XW08AZ	M8 FORM A WASHER	3	
10	XW08SZ	M8 SPRING WASHER	2	
11	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	1	
12	34070-16031	RADIATOR CUSHION	3	
13	LM2-101-25	FUEL TANK UPPER MOUNT	1	
14	XN06HC	M8 X 12 HEX NUTSERT CLOSED	11	
15	YSTRAINER1	DIESEL STRAINER	1	
16	XW10STAR	M10 STAR WASHER	2	
17	YSTRAINERCAP1	DIESEL STRAINER CAP BRASS 1" BSP	1	
18	XW06AZ	M6 FORM A WASHER	11	
19	XW06SZ	M6 SPRING WASHER	11	
20	XS06020Z	M6 X 20 HEX HEAD SCREW 8.8	11	
21	YCLIP16	12-20 MM CLIP	1	
22	YPCLIP13	13MM P CLIP	2	
23	XN08N	M8 NYLOC NUT	1	
24	XW04AZ	M4 FORM A WASHER	6	
25	XN04N	M4 NYLOC NUT	6	
26	LM2-600-04	14MM FUEL HOSE 1407MM LONG	1	
27	LM2-600-08	14MM FUEL HOSE 1828MM LONG	1	

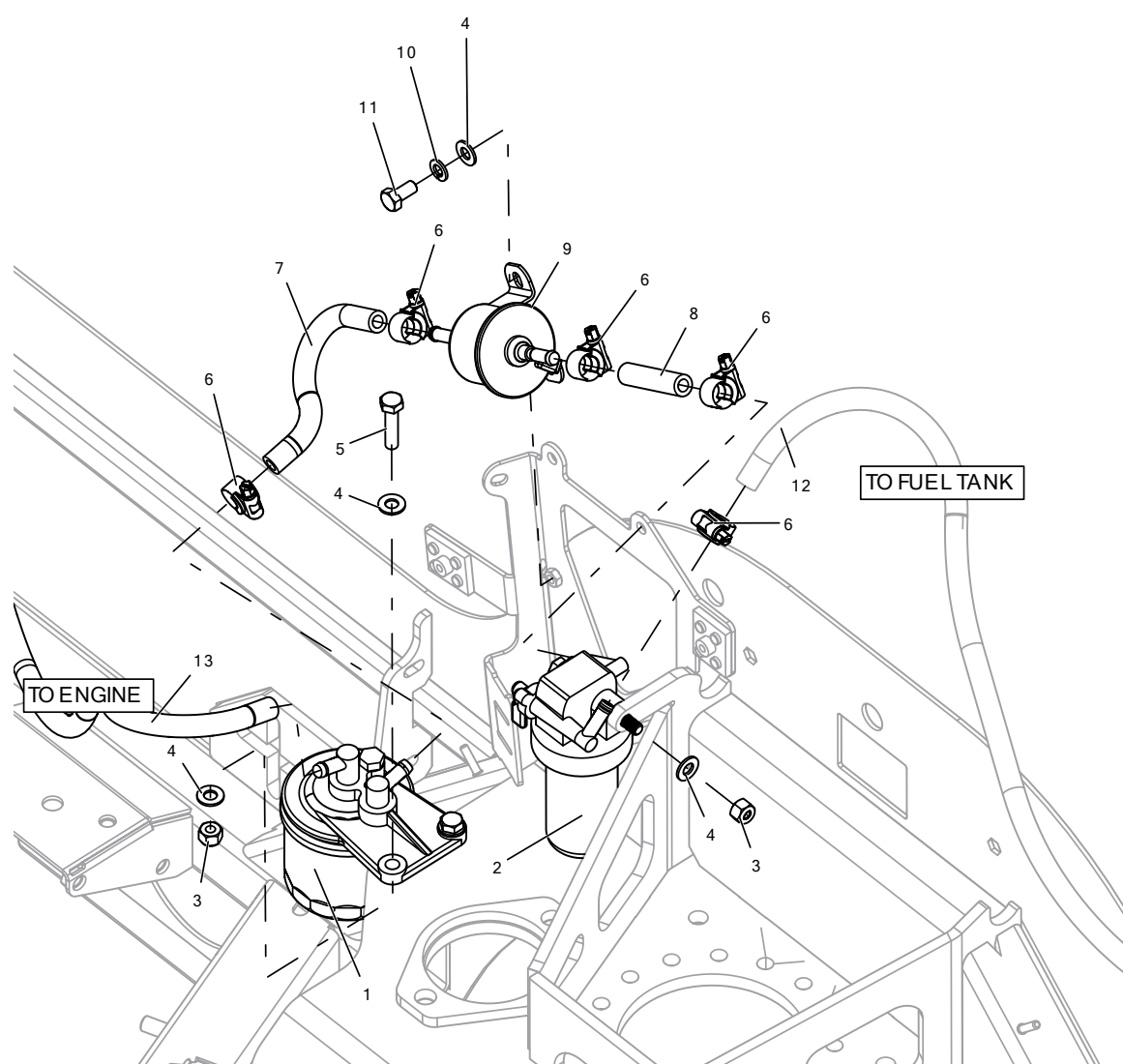


Figure 80: LM2-62-00 Fuel System Breakdown 3



Item	Part no.	Description	Qty	Notes
1	15224-43013	FUEL FILTER	1	
2	16614-43003	SEDIMENTOR	1	
3	XN08N	M8 NYLON NUT	3	
4	XW08AZ	M8 FORM A WASHER	6	
5	XS08035Z	M8 X 35 HEX HEAD SCREW 8.8	2	
6	YCLIP16	12-20 MM CLIP	5	
7	LM2-600-06	14MM FUEL HOSE 167 MM LONG	1	
8	LM2-600-05	14MM FUEL HOSE 60 MM LONG	1	
9	1720852031 F pump	ELECTRIC FUEL PUMP	1	
10	XW08SZ	M8 SPRING WASHER	1	
11	XS08016Z	M8 X 16 HEX HEAD SCREW 8.8	1	
12	LM2-600-04	14MM FUEL HOSE 1407 MM LONG	1	
13	LM2-600-07	14MM FUEL HOSE 570MM LONG	1	

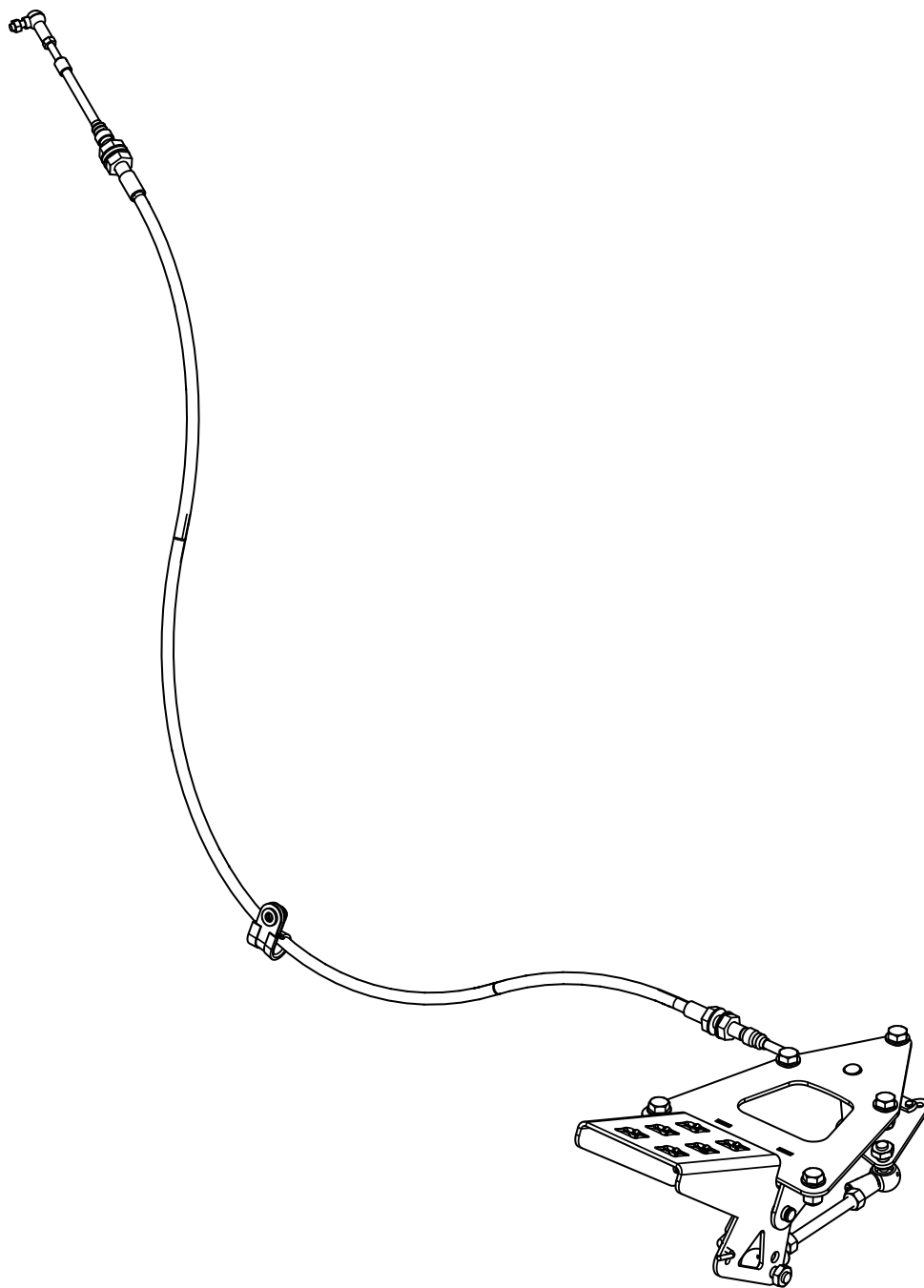


Figure 81: LM2-500-80 Engine Throttle System

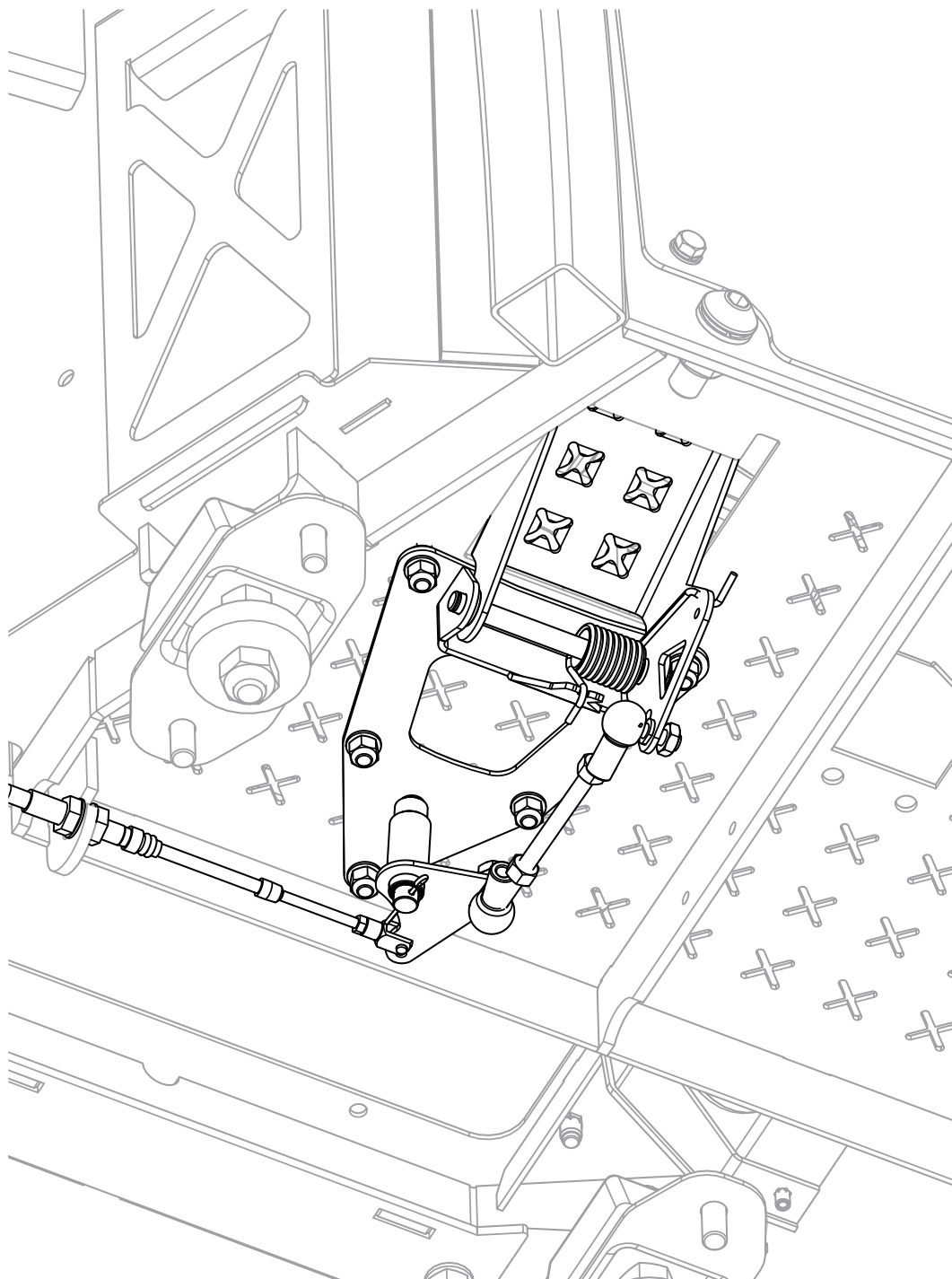


Figure 82 LM2-500-80 Engine Throttle System - under cab

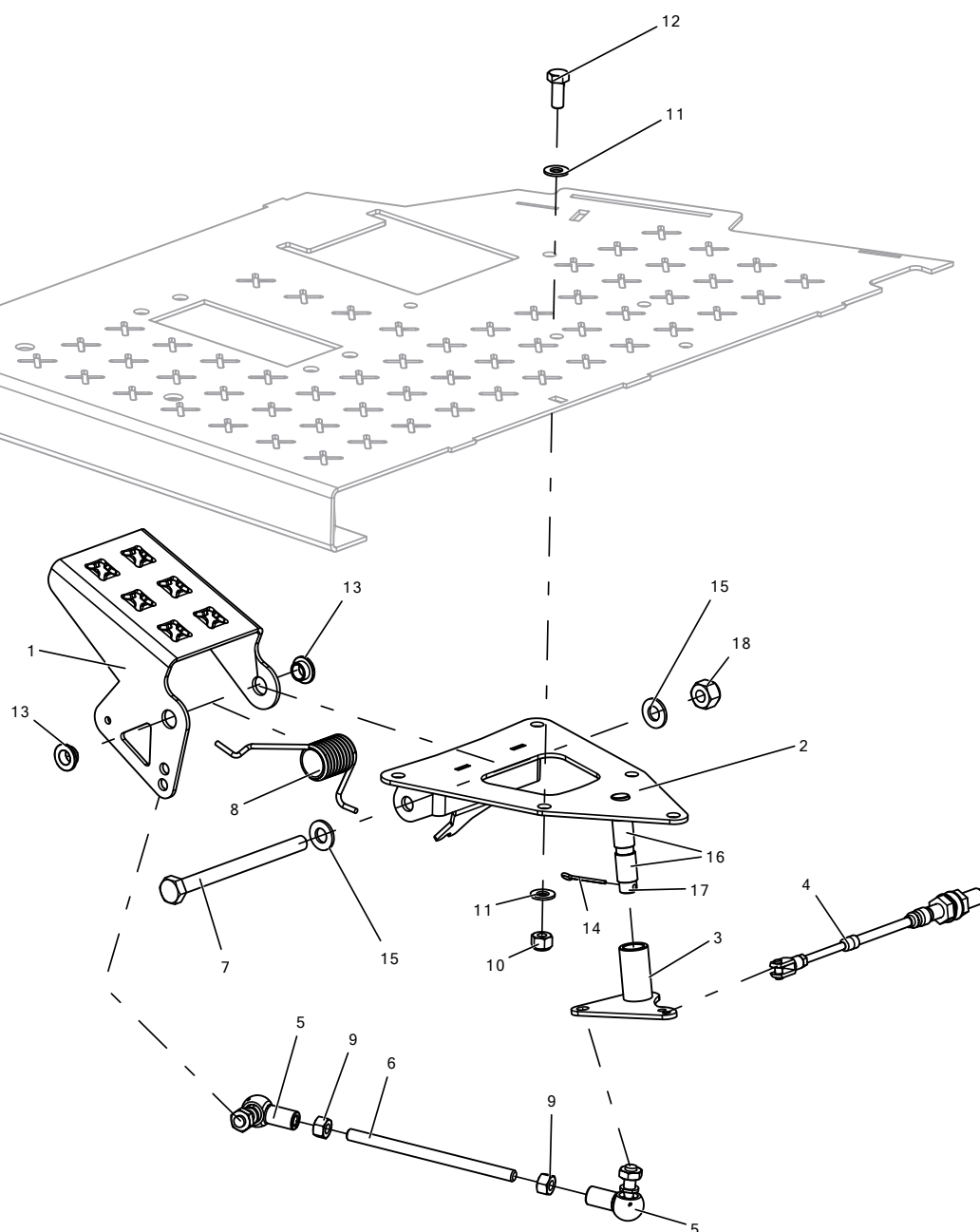


Figure 83: LM2-500-80 Engine Throttle System – Breakdown



Item	Part no.	Description	Qty	Notes
1	LM2-500-02	ACCELERATOR PEDAL	1	
2	LM2-500-46	THROTTLE RELAY PLATE	1	
3	LM2-500-50	THROTTLE RELAY	1	
4	LM2-600-01	THROTTLE CABLE	1	
5	YBALLJOINT2	M8 BALL JOINT	2	
6	LM2-500-61	THROTTLE LINKAGE	1	
7	XB10130Z	M10 X 130 HEX HEAD BOLT 8.8	1	
8	3J0167	ACCELERATOR SPRING	1	
9	XN08Z	M8 HEX NUT	2	
10	XN08N	M8 NYLOC NUT	5	
11	XW08AZ	M8 FORM A WASHER	10	
12	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	5	
13	YBUSH15	NYLON SHOULDER BUSH	2	
14	XSP02032Z	SPLIT PIN	1	
15	XW10AZ	M10 FORM A WASHER	2	
16	YBUSH22	12x20X1 DX BUSH	2	
17	LM2-500-47	SPINDLE - THROTTLE RELAY MTG	1	
18	XN10N	M10 NYLOC NUT	1	



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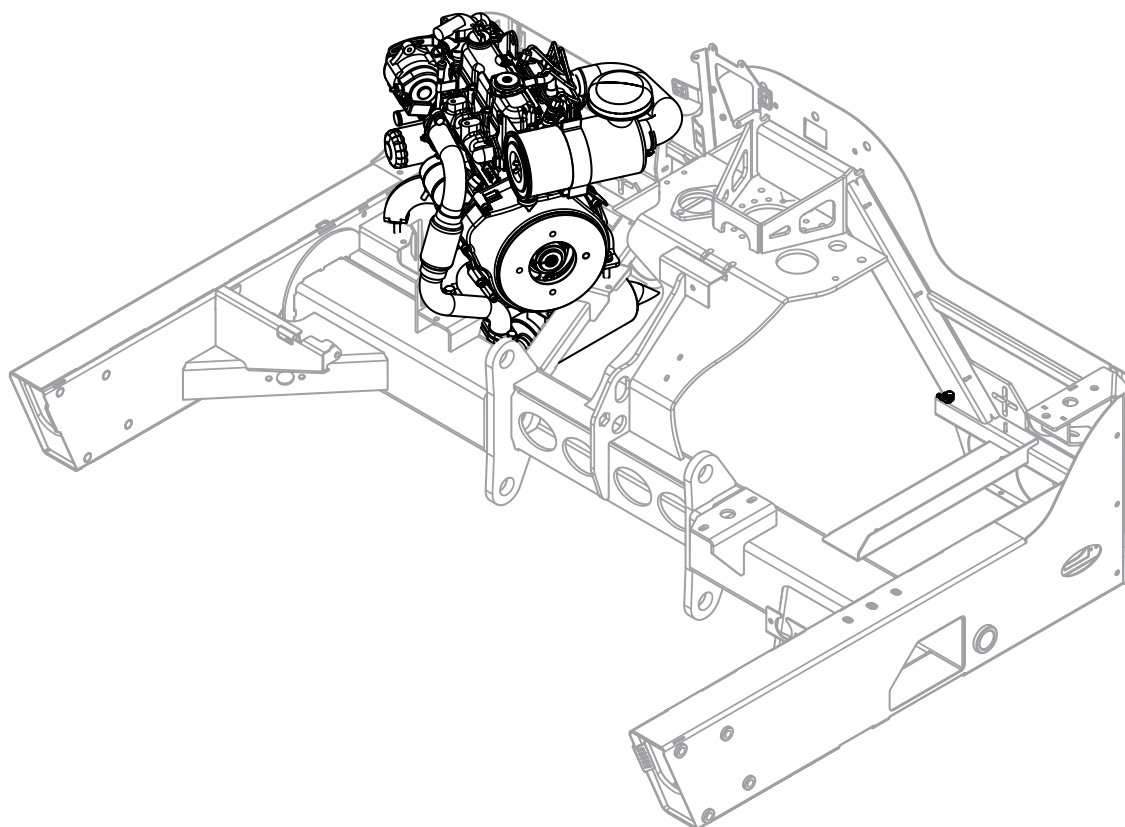


Figure 84: LM2-60-00 3 Cylinder Engine

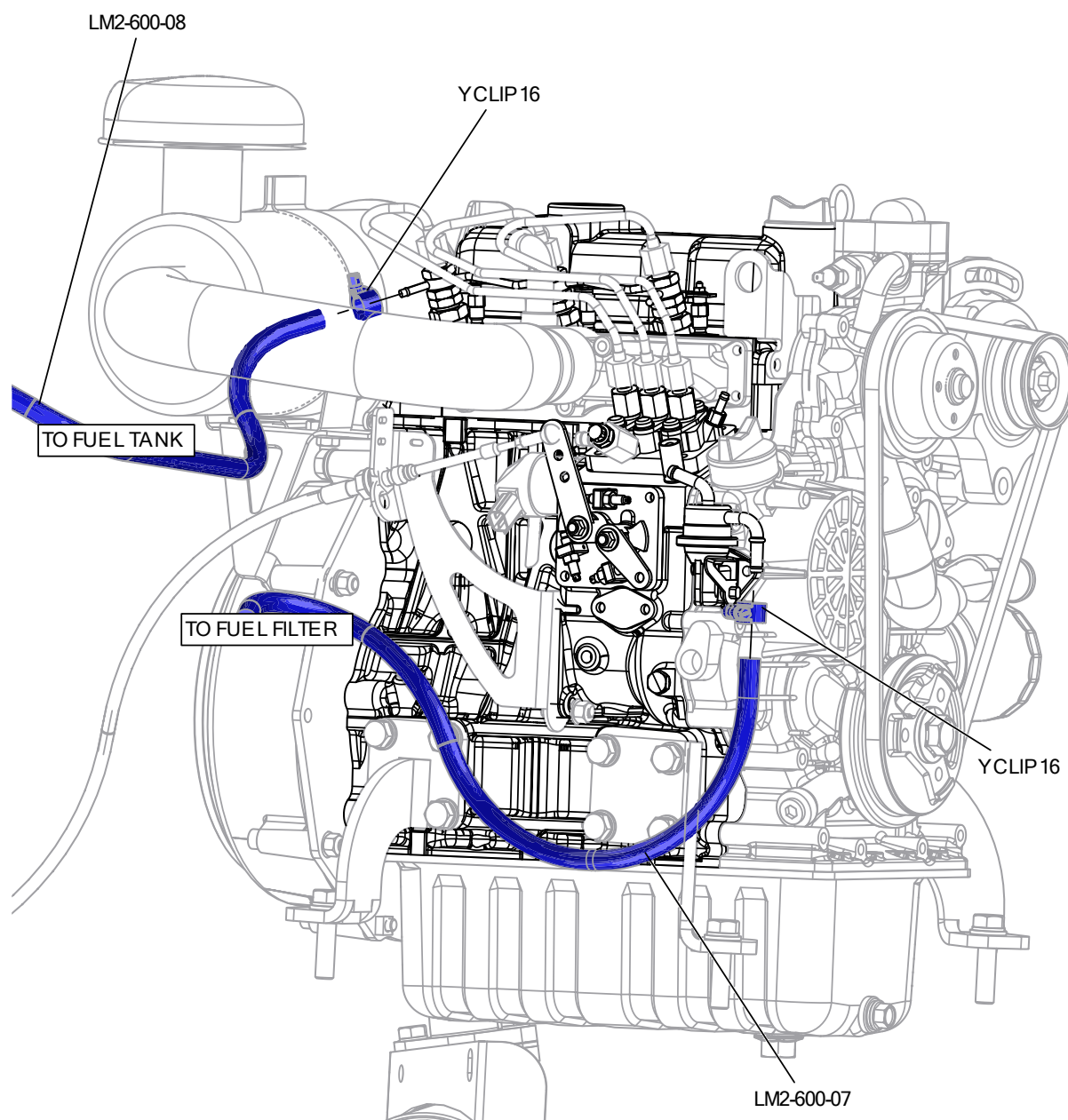


Figure 85: LM2-60-00 3 Cylinder Engine fuel pipe connections

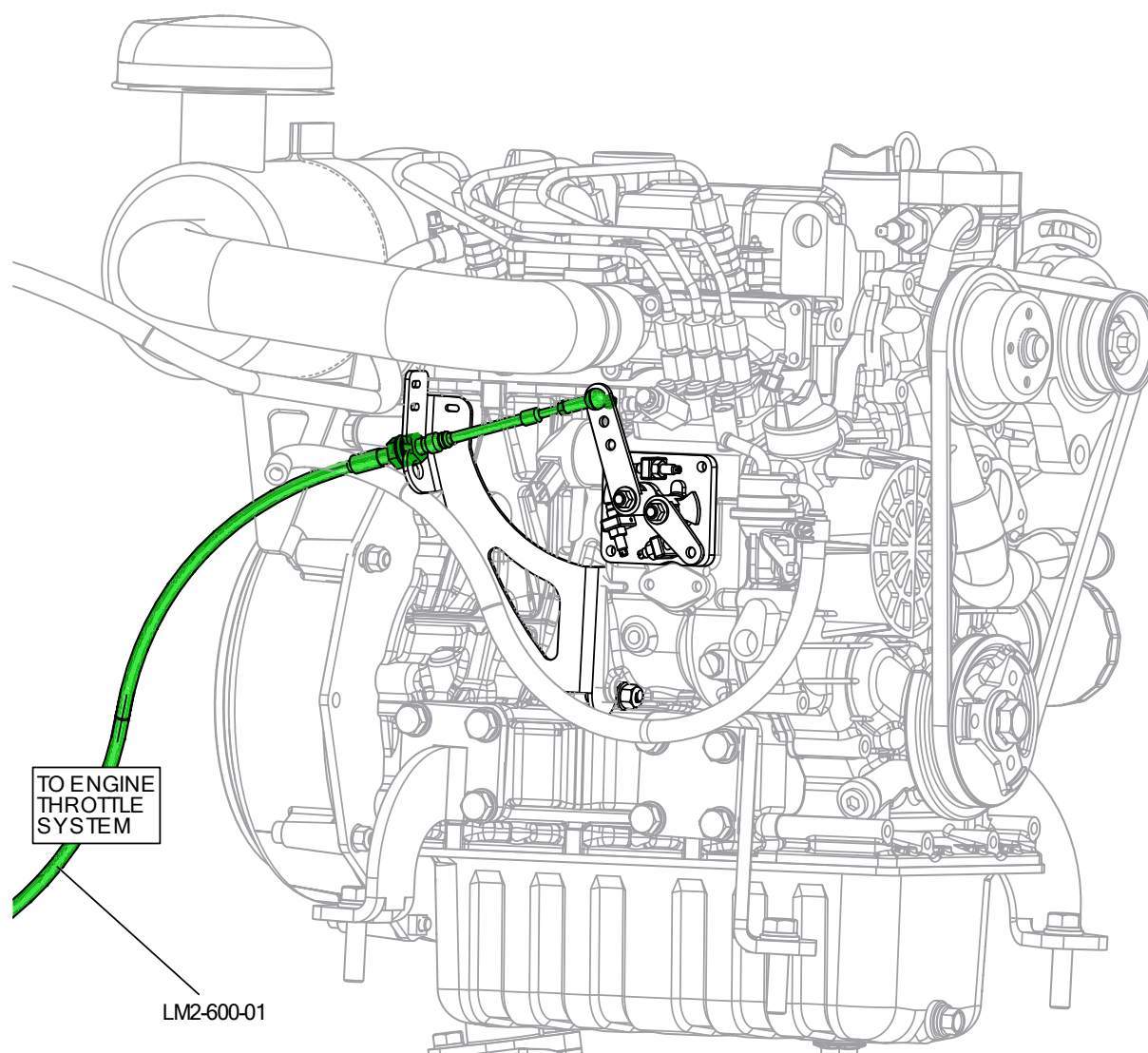


Figure 86: LM2-60-00 3 Cylinder Engine throttle system connection

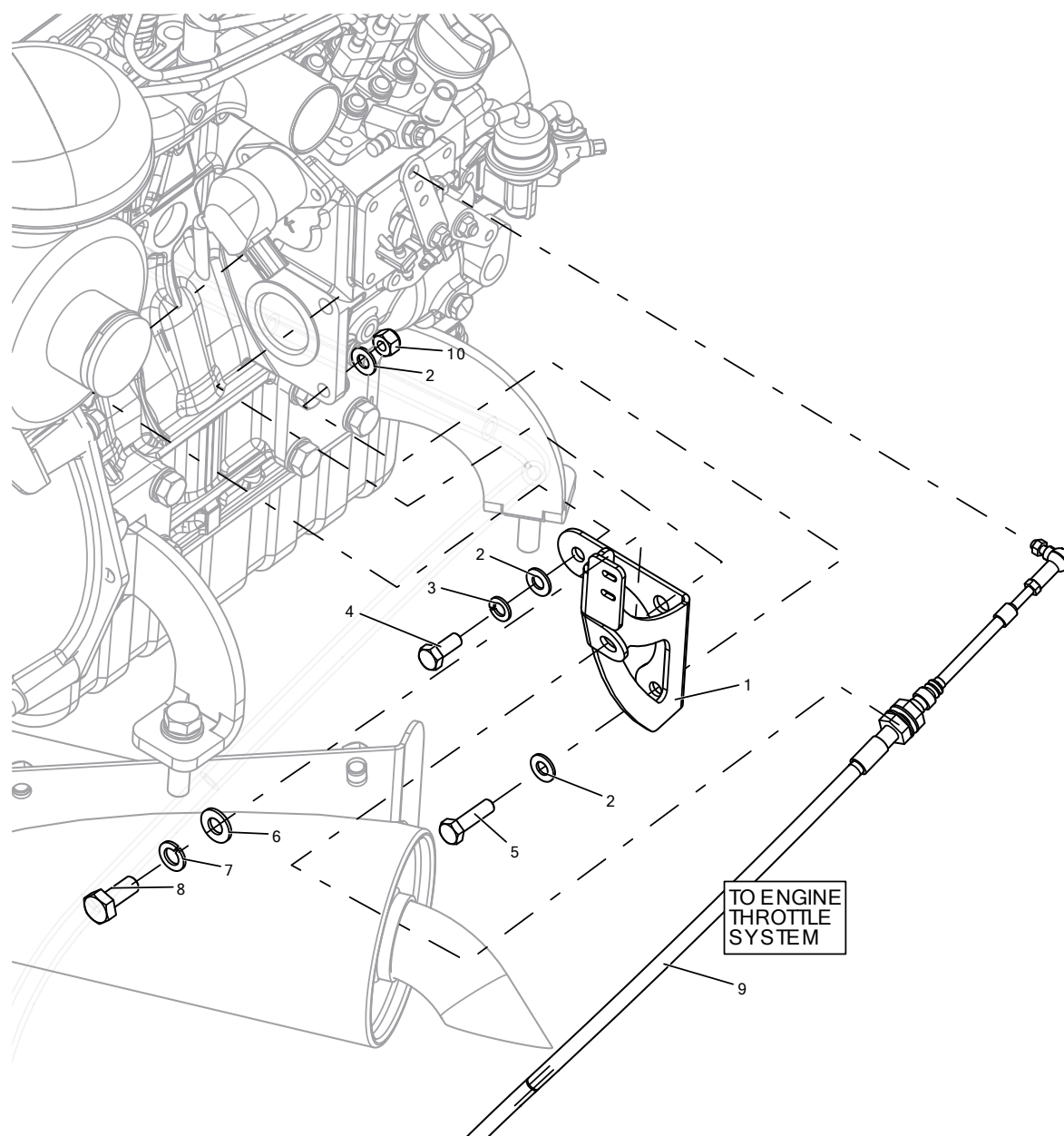


Figure 87: LM2-60-00 3 Cylinder Engine throttle system connection detail

Item	Part no.	Description	Qty	Notes
1	LM2-60-00	KOBOTA 3 CYLINDER D1305-E4B ENGINE	1	
2	XW08AZ	M8 FORM A WASHER	3	
3	XW08SZ	M8 SPRING WASHER	1	
4	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	1	
5	XS08030Z	M8 X 30 HEX HEAD SCREW 8.8	1	
6	XW10AZ	M10 FORM A WASHER	1	
7	LM2-60-00	M10 SPRING WASHER	1	
8	XS10025ZFINE	M10 FINE X 25 HEX HEAD SCREW 8.8	1	
9	LM2-600-01	THROTTLE CABLE	1	
10	XN08N	M8 NYLOC NUT	1	

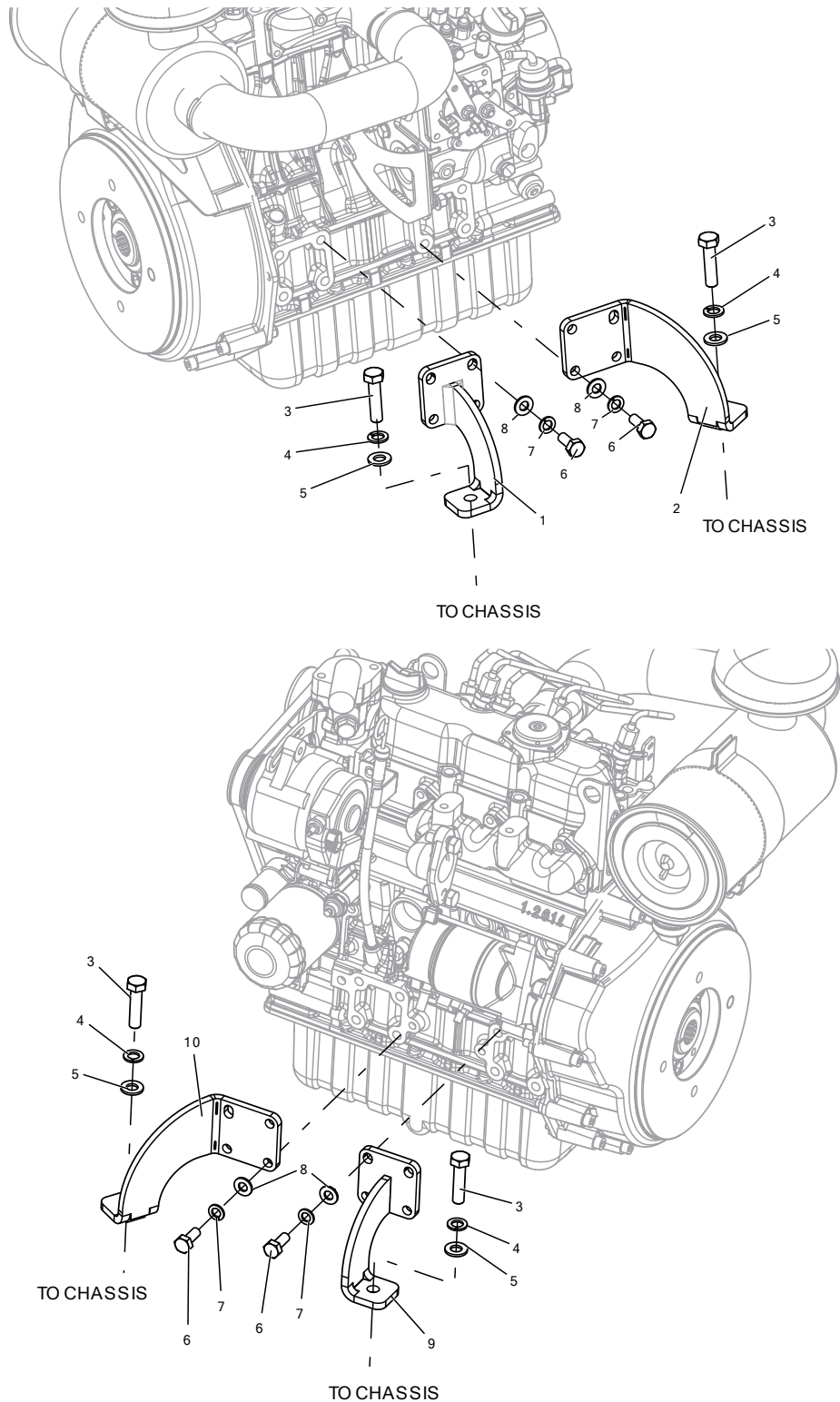


Figure 88: LM2-60-00 3 Cylinder Engine – mounting

Item	Part no.	Description	Qty	Notes
1	LM2-115-00	ENGINE MOUNT 2	1	
2	LM2-110-01	REAR RIGHT ENGINE MOUNT	1	
3	XS12050Z	M12 X 50 HEX HEAD SCREW 8.8	4	
4	XW12SZ	M12 SPRING WASHER	4	
5	XW12AZ	M12 FORM A WASHER	4	
6	XS10025ZFINE	M10 FINE X 25 HEX HEAD SCREW 8.8	16	
7	XW10SZ	M10 SPRING WASHER	16	
8	XW10AZ	M10 FORM A WASHER	16	
9	LM2-114-00	ENGINE MOUNT 1	1	
10	LM2-108-01	FRONT RIGHT ENGINE MOUNT	1	

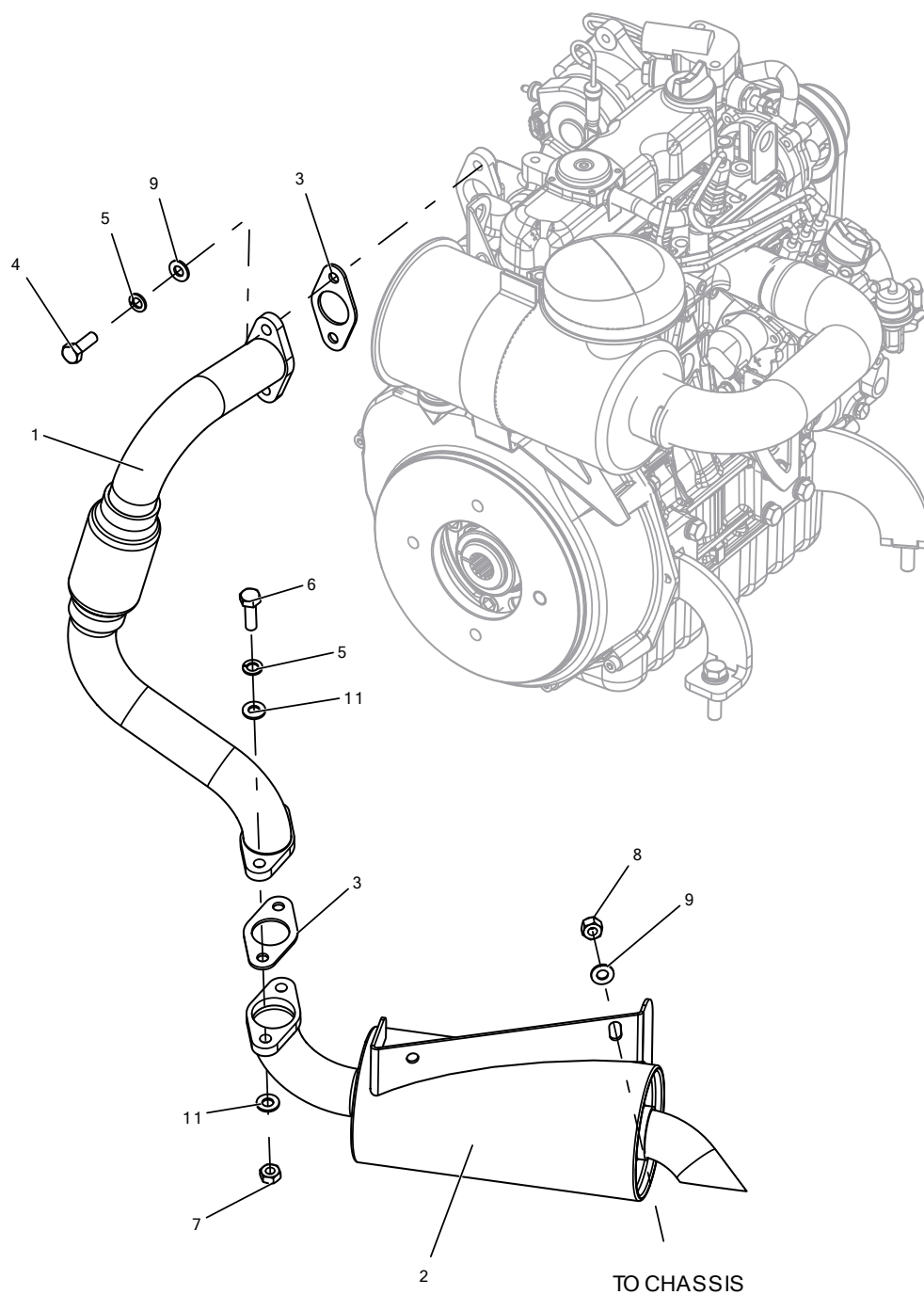


Figure 89: LM2-60-00 3 Cylinder Engine – Exhaust System



Item	Part no.	Description	Qty	Notes
1	LM2-605-37	D1305 EXHAUST DOWNPIPE	1	
2	LM2-605-39	EXHAUST SILENCER	1	
3	15313-12370	KOBOTA 2 BOLT EXHAUST GASKET	2	
4	XS10030Z	M10 X 30 HEX HEAD SCREW 8.8	2	
5	XW10SZ	M10 SPRING WASHER	4	
6	XS10035Z	M10 X 35 HEX HEAD SCREW 8.8	2	
7	XN10Z	M10 PLAIN NUT	2	
8	XN10N	M10 NYLOC NUT	2	
9	XW10AZ	M10 FORM A WASHER	4	
10	XW10AZ	M10 FORM A WASHER	2	

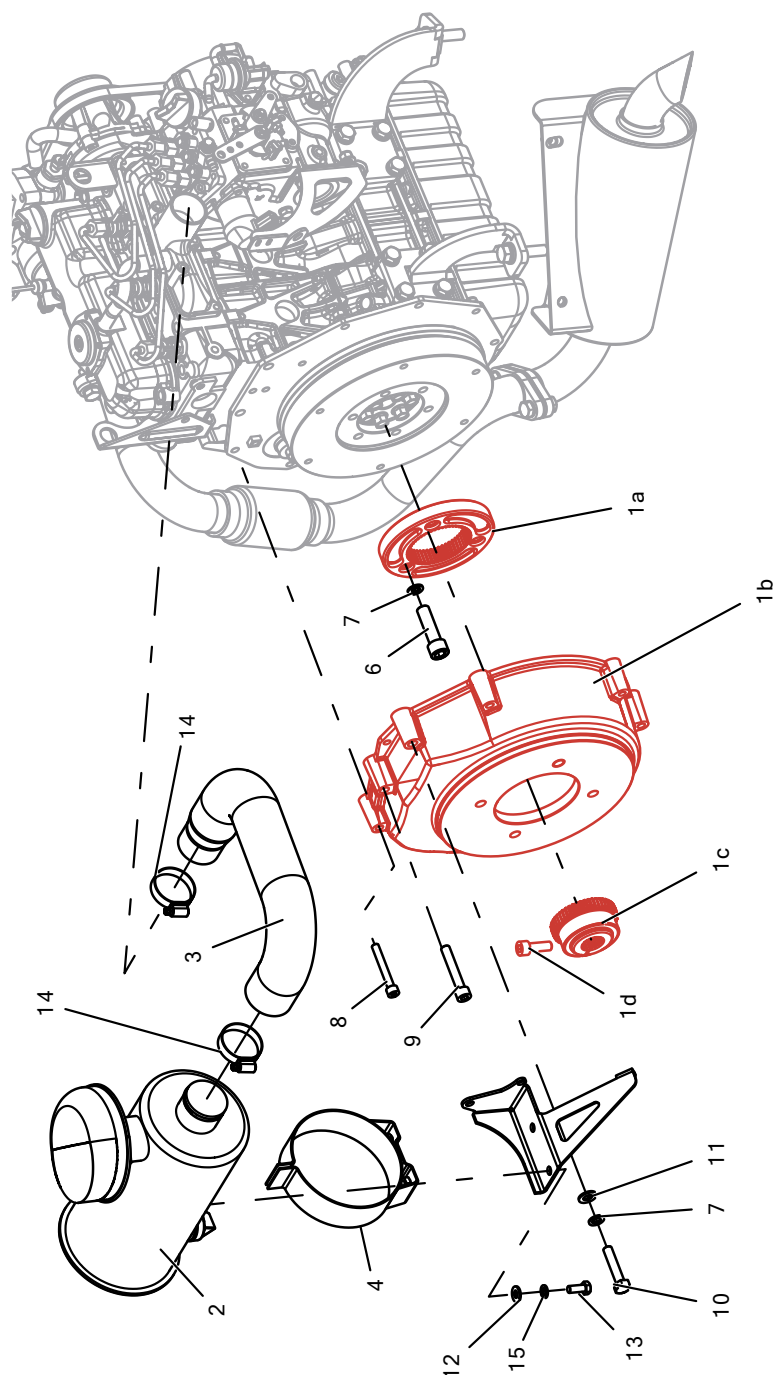


Figure 90: LM2-60-00 3 Cylinder Engine - Flywheel Housing and Air Filter Mount



Item	Part no.	Description	Qty	Notes
1a	YCOUPLING2-ADAPTER RING	COUPLING ADAPTER RING	1	PART OF YCOUPLING2
1b	YCOUPLING2-HOUSING	COUPLING HOUSING	1	PART OF YCOUPLING3
1c	YCOUPLING2 - ADAPTER	COUPLING ADAPTER	1	PART OF YCOUPLING4
1d	YCOUPLING2-ADAPTER SCREW	COUPLING ADAPTER SCREW	1	PART OF YCOUPLING5
2	1661611013_05	AIR FILTER CANISTER 3 CYLINDER	1	
3	LM2-60-00	ENGINE INLET PIPING	1	
4	15000-36931	AIR CLEANER BAND	1	
5	LM2-106-01	AIR FILTER CANISTER BRACKET	1	
6	XSC10030Z	M10 X 30 CAP HEAD SCREW 8.8	3	
7	XW10SZ	M10 SPRING WASHER	4	
8	XSC08060Z	M8 X 60 CAP HEAD SCREW 8.8	8	
9	XSC10060Z	M10 X 60 CAP HEAD SCREW 8.8	1	
10	XS10070Z	M10 X 70 HEX HEAD SCREW 8.8	1	
11	XW10AZ	M10 FORM A WASHER	1	
12	XW08CZB	M8 FORM A WASHER BLACK	2	
13	XS08020Z	M8 C 20 HEX HEAD SCREW 8.8	2	
14	YCLIP45	38-45 MM CLIP	2	
15	XW08SZ	M8 SPRING WASHER	1	



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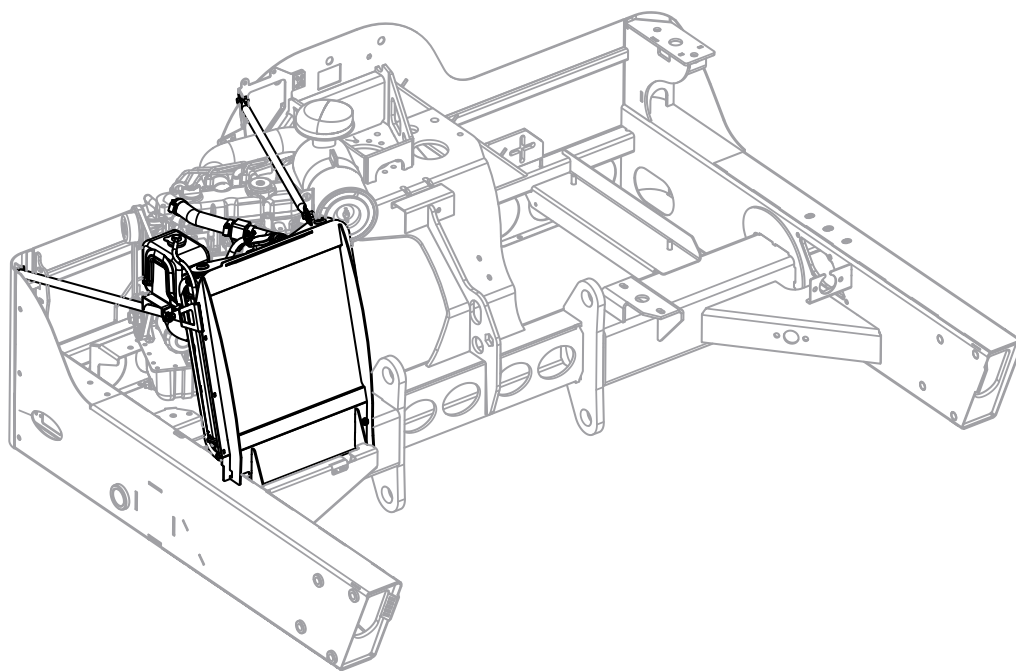


Figure 91: LM2-60-00 3 Cylinder Engine Radiator assembly

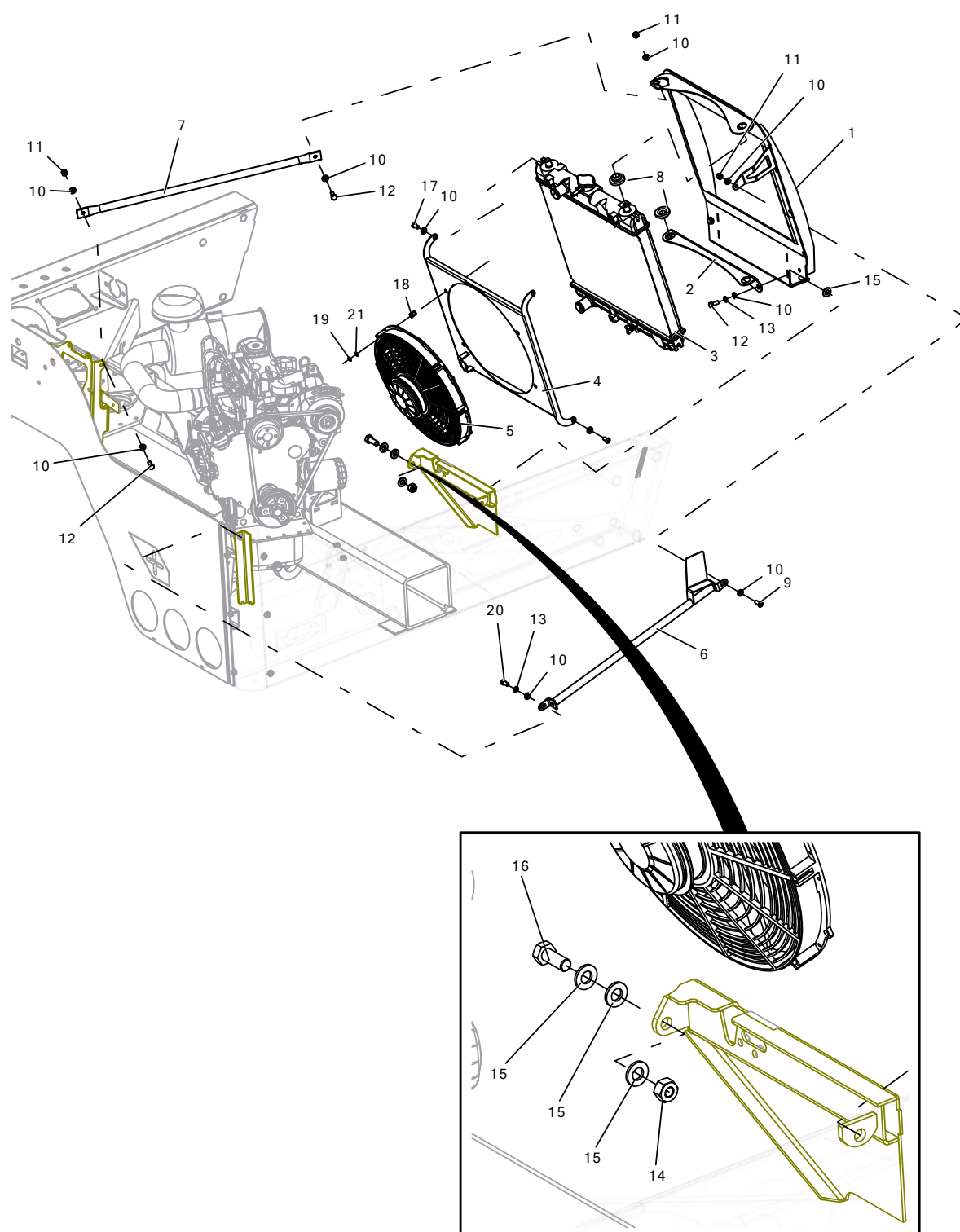


Figure 92 LM2-60-00 3 Cylinder Engine Radiator assembly detail



Item	Part no.	Description	Qty	Notes
1	LM2-103-20	RADIATOR MOUNTING FRAME	1	
2	LM2-103-66	RADIATOR MOUNT RAIL	1	
3	1G34772061	RADIATOR	1	
4	LM2-101-40	FAN SHROUD	1	
5	YFAN1	RADIATOR FAN	1	
6	LM2-103-06	RH RADIATOR STRUT	1	
7	LM2-100-98	TOP RADIATOR STRUT	1	
8	34070-16031	RADIATOR CUSHION	4	
9	XBUT08020SKTZB	M8 X 20 BUTTON HEAD SCREW 8.8	1	
10	XW08AZ	M8 FORM A WASHER	13	
11	XN08N	M8 NYLOC NUT	3	
12	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	4	
13	XW08SZ	M8 SPRING WASHER	3	
14	XN12N	M12 NYLOC NUT	1	
15	XW12AZ	M12 FORM A WASHER	4	
16	XS12030Z	M12 X 30 HEX HEAD SCREW 8.8	1	
17	XBUT08016SKTZB	M8 X 16 BUTTON HEAD SCREW 8.8	4	
18	XNS06H	M6 HEX NUTSERT OPEN	4	
19	XW06SZ	M6 SPRING WASHER	4	
20	XS08016Z	M8 X 16 HEX HEAD SCREW 8.8	1	
21	XW06AZ	M6 FORM A WASHER	4	

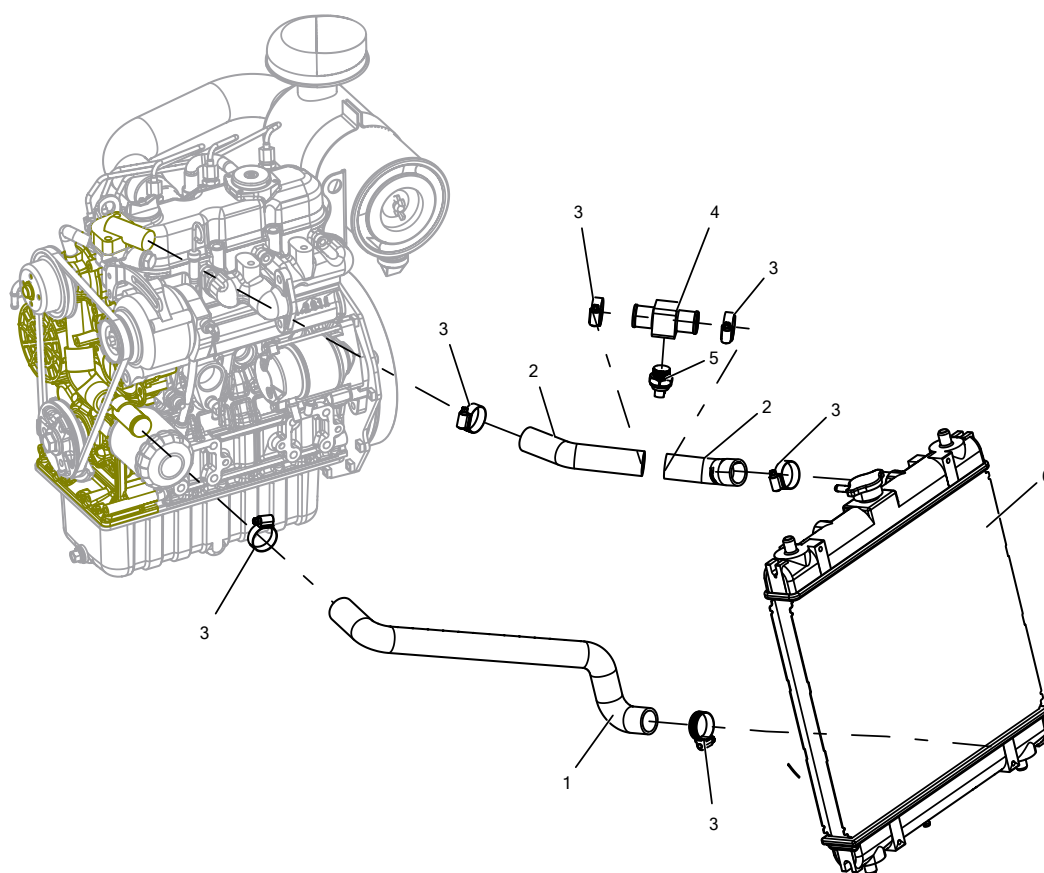


Figure 93: LM2-60-00 3 Cylinder Engine Radiator assembly pipework

Item	Part no.	Description	Qty	Notes
1	LM2-101-16	BOTTOM COOLANT HOSE	1	
2	LM2-101-15	TOP COOLANT HOSE	1	
3	YCLIP35	31-48 MM CLIP	6	
4	LM2-607-01	THERMAL SWITCH HOUSING	1	
5	YSWITCH62	THERMAL SWITCH RADIATOR FAN	1	
6	1G34772061_M	RADIATOR	1	

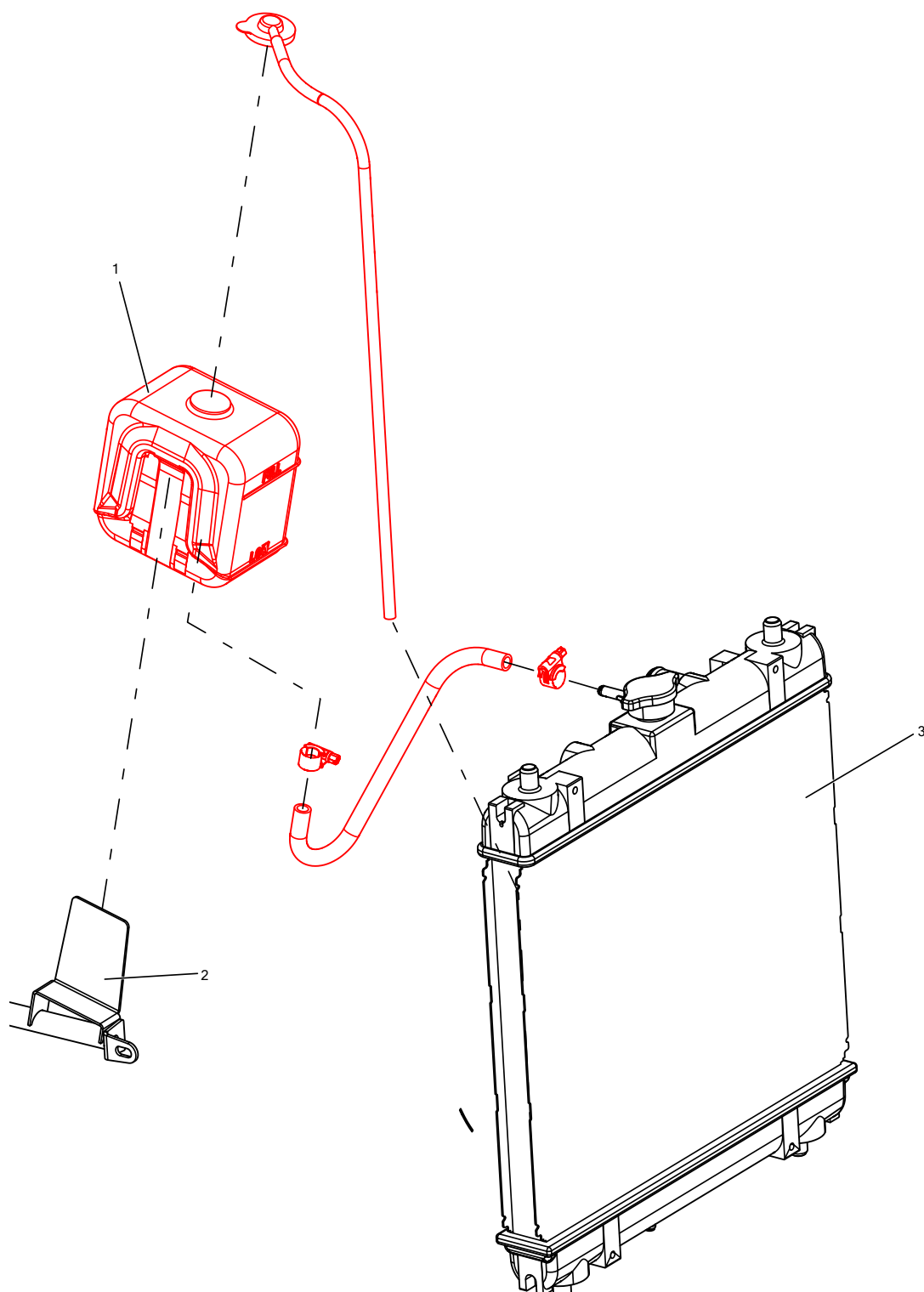


Figure 94: LM2-60-00 3 Cylinder Engine Radiator assembly pipework 2



Item	Part no.	Description	Qty	Notes
1	19077-72092_RT02	HEADER TANK	1	
2	LM2-103-06	RH RADIATOR STRUT	1	
3	1G34772061_M	RADIATOR	1	

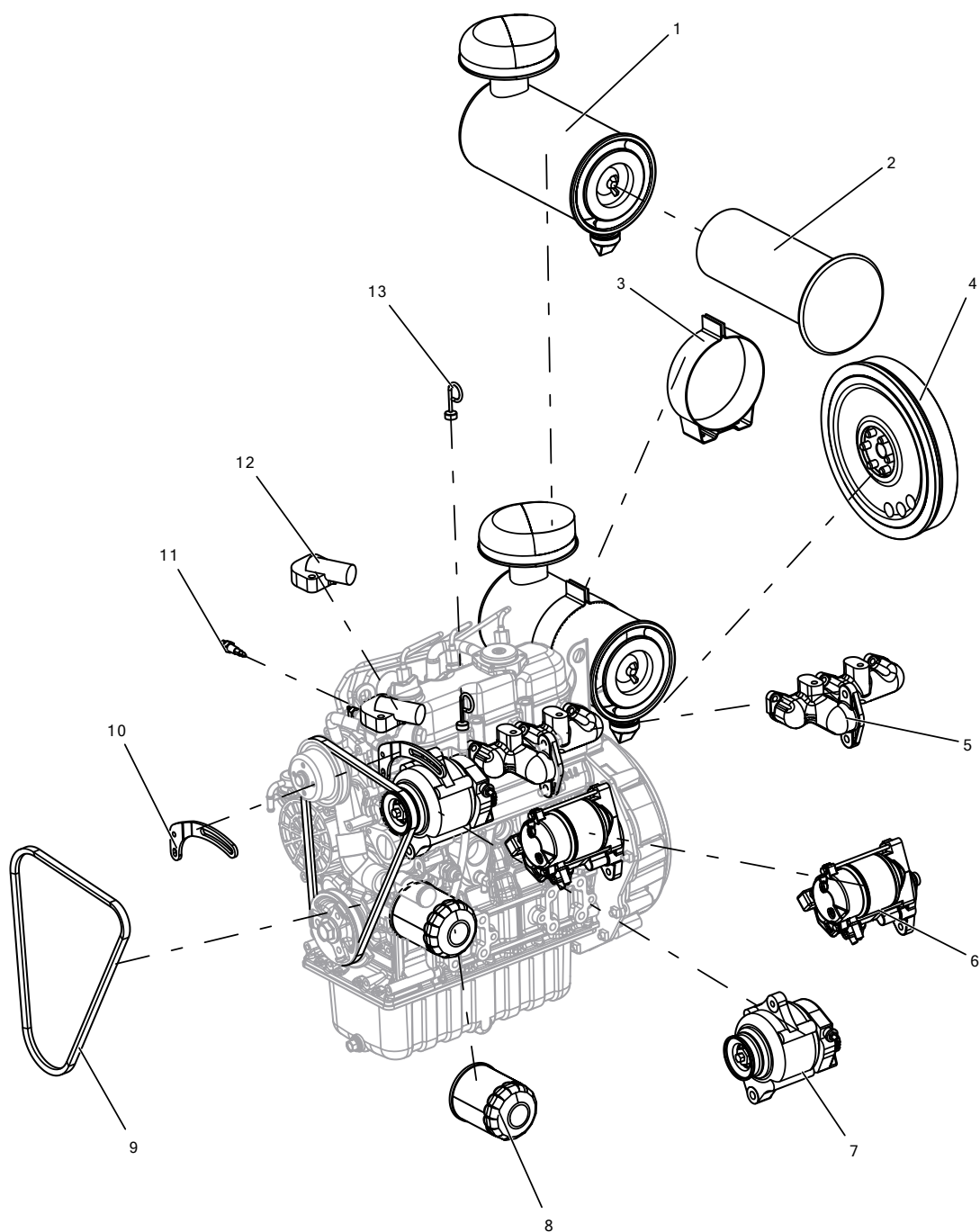


Figure 95: LM2-60-00 3-cylinder engine service items



Item	Part no.	Description	Qty	Notes
1	16616-11013_05	AIR FILTER CANISTER	1	
2	YFILTER17 (S)	AIR FILTER (15741-11083)	1	
3	15000-36931	AIR FILTER BAND	1	
4	1G900-25011	FLYWHEEL ASSEMBLY	1	
5	16264-12311	EXHAUST MANIFOLD	1	
6	16611-63013-1	STARTER MOTOR	1	
7	19630-64015	ALTERNATOR 60 A	1	
8	16271-32093	OIL FILTER	1	
9	16282-97011	AUXILIARY BELT	1	
10	16241-64422	ALTERNATOR STAY	1	
11	16222-83041	TEMPERATURE SWITCH	1	
12	16212-73260	THERMOSTAT COVER 3 CYL	1	
13	1G900-36411	DIP STICK	1	

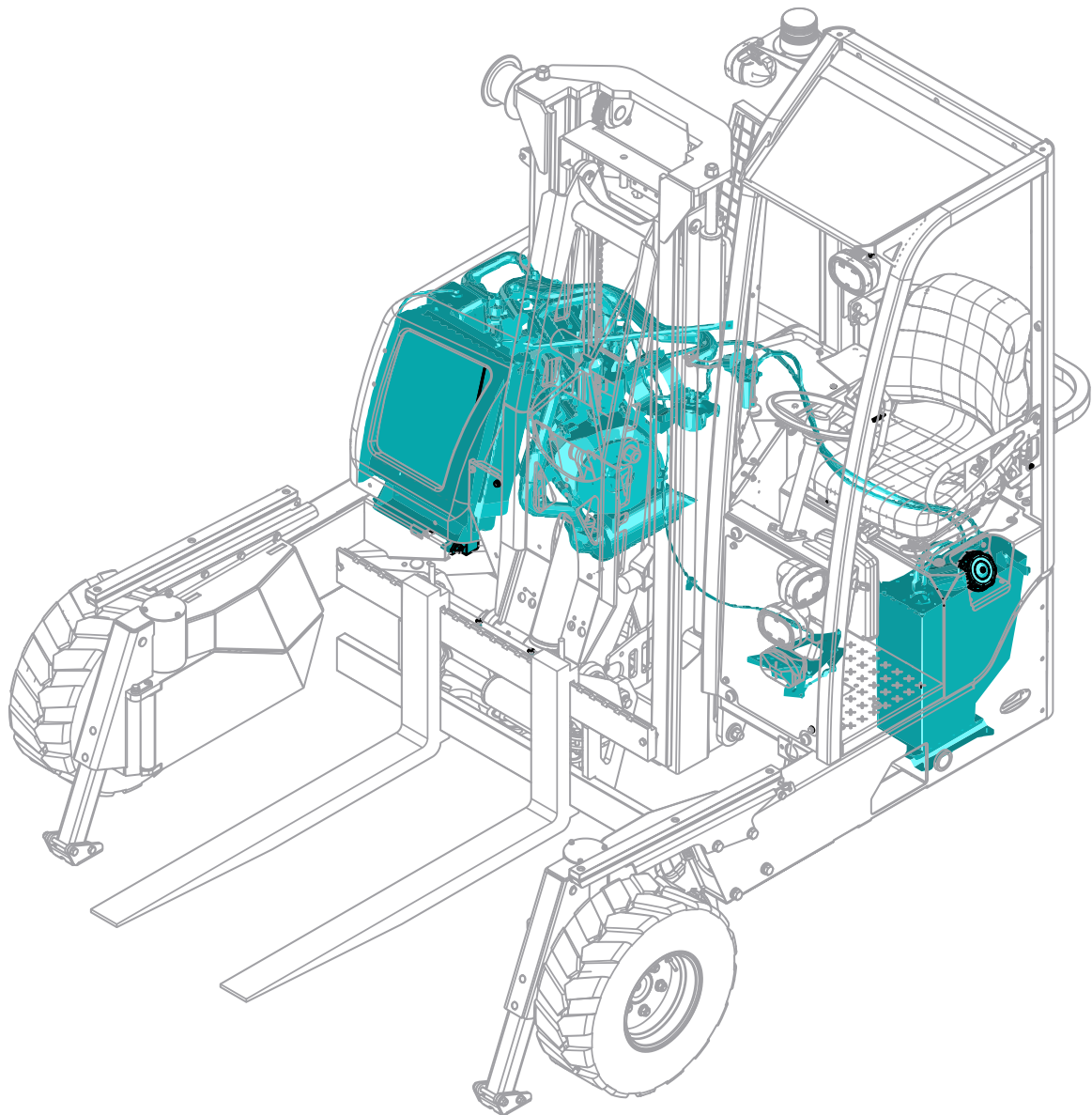


Figure 96: LM2-60-20 KUBOTA 4 Cylinder Powertrain Layout

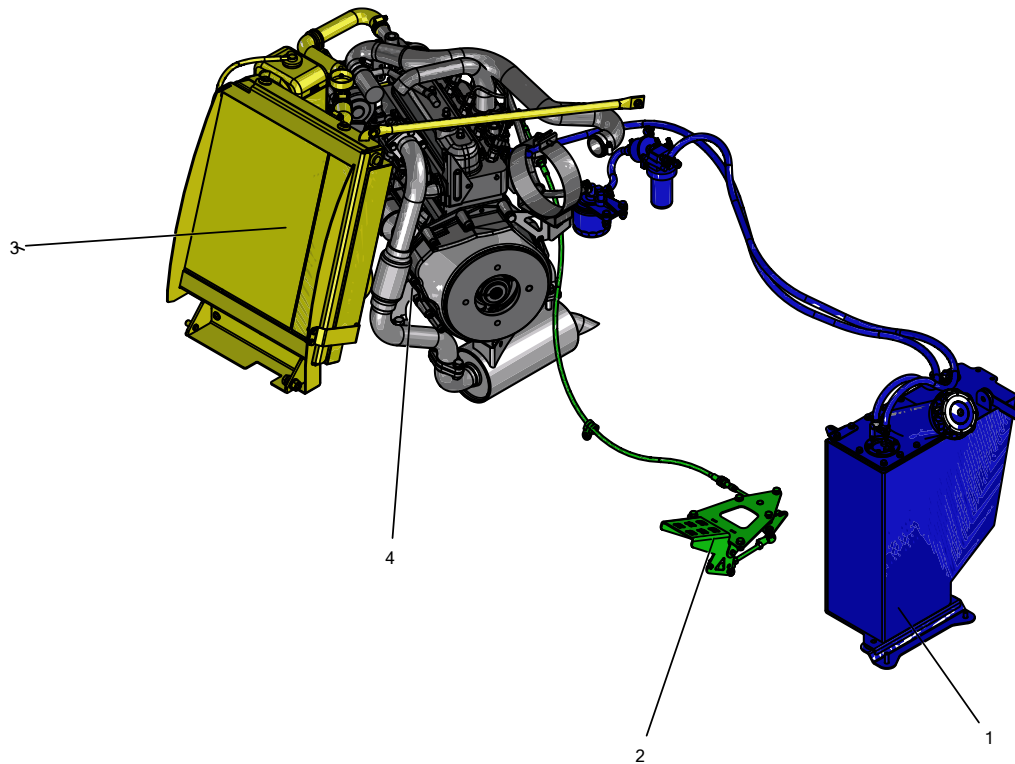


Figure 97 LM2-60-20 KUBOTA 4 Cylinder Powertrain Layout 2

Item	Part no.	Description	Qty	Notes
1	LM2-62-00	DIESEL FUEL SYSTEM	1	USED ON 3- AND 4-CYLINDER ENGINES – (See Figure 78 to Figure 80)
2	LM2-500-80	ENGINE THROTTLE ASM	1	USED ON 3- AND 4-CYLINDER ENGINES (See Figure 81 to Figure 83)
3	LM2-16-00	V1505T COOLING SYSTEM	1	
4	LM2-604-00	KUBOTA 4 CYLINDER V1505T ENGINE	1	



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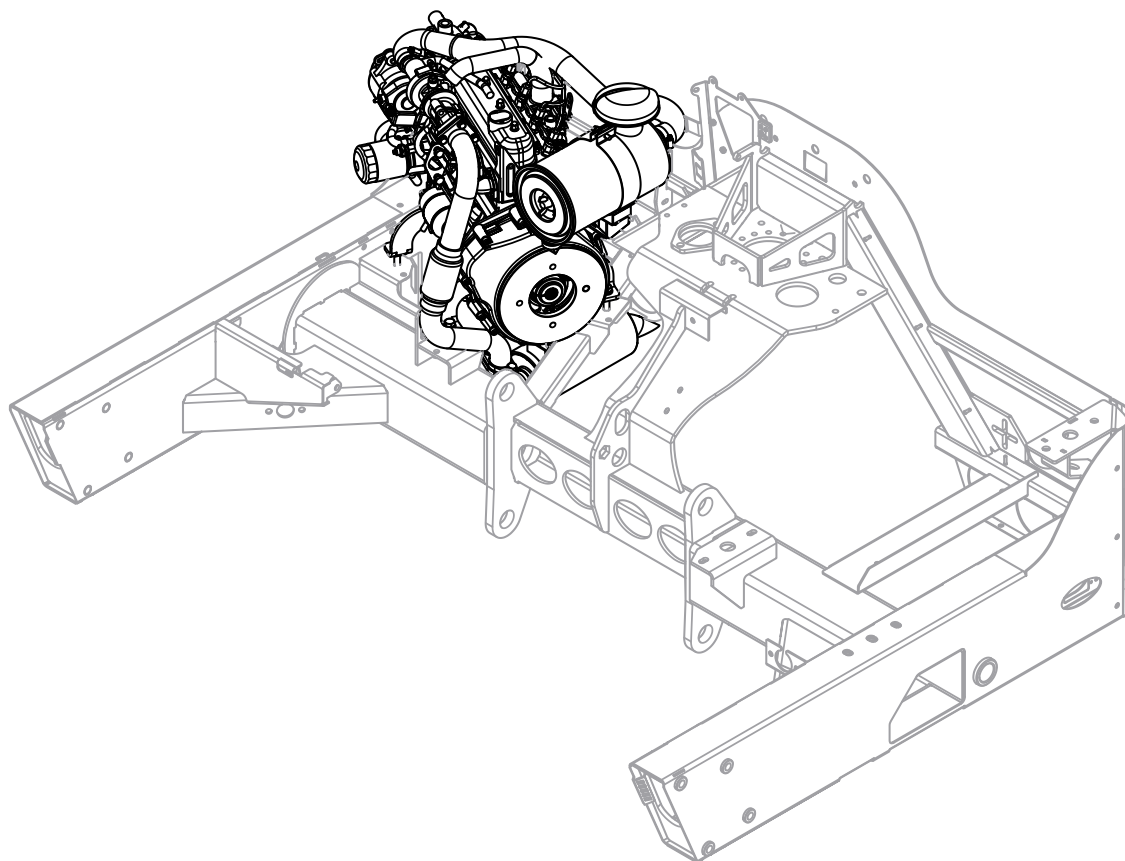


Figure 98: LM2-60-20 4 Cylinder Engine

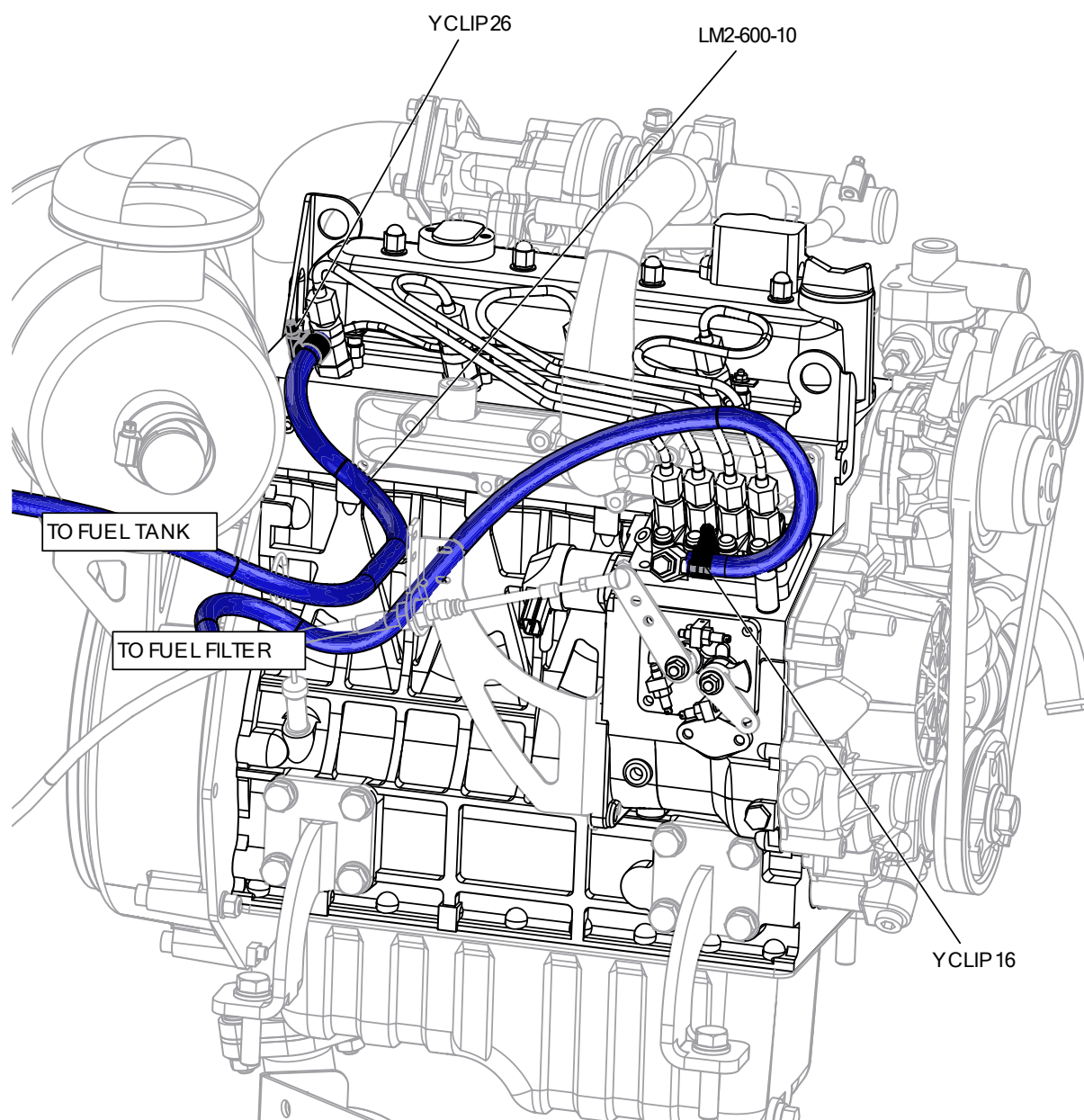


Figure 99 LM2-60-20 4 Cylinder Engine - fuel pip connections

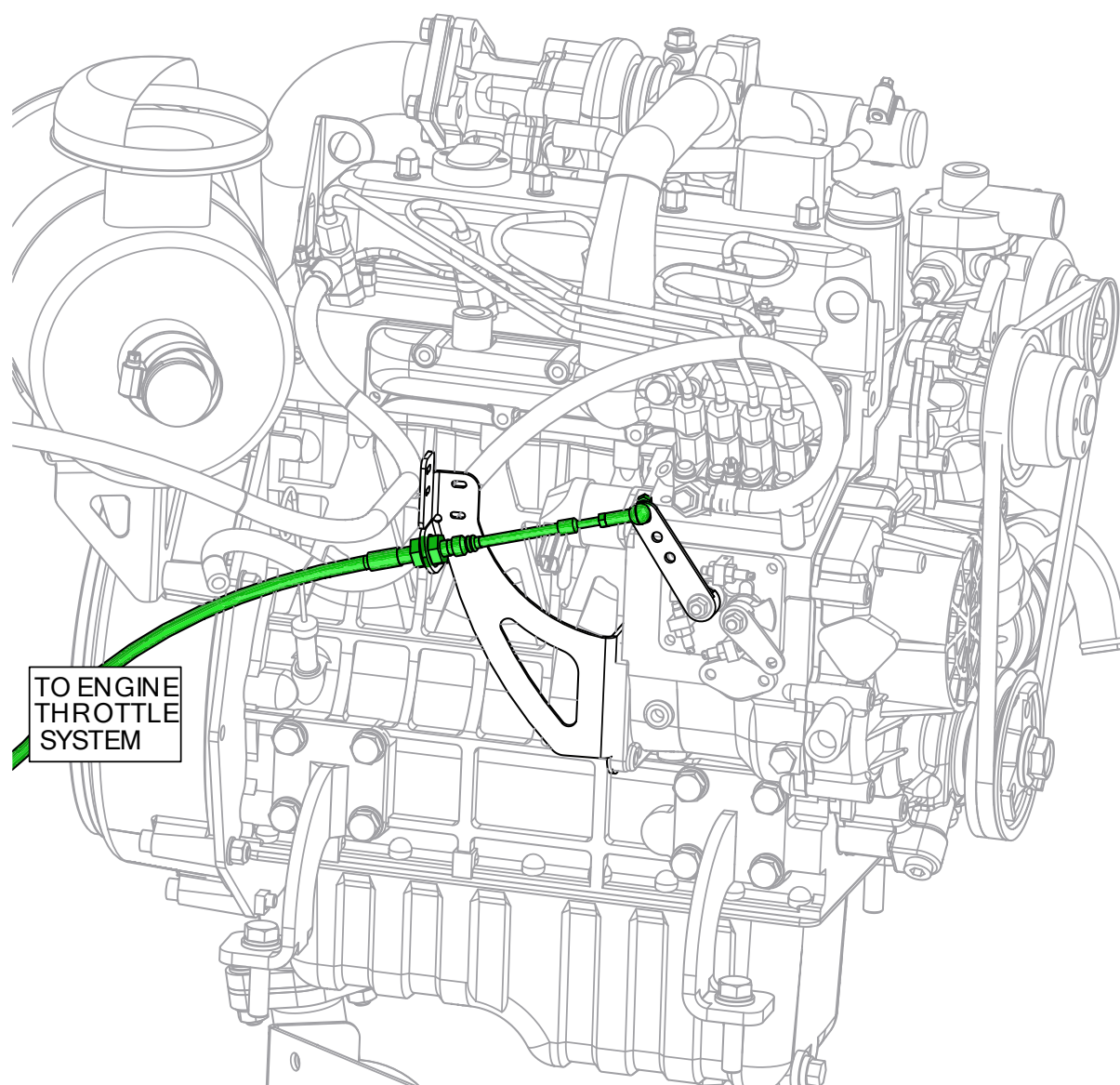


Figure 100: LM2-60-20 4 Cylinder Engine - throttle system connections

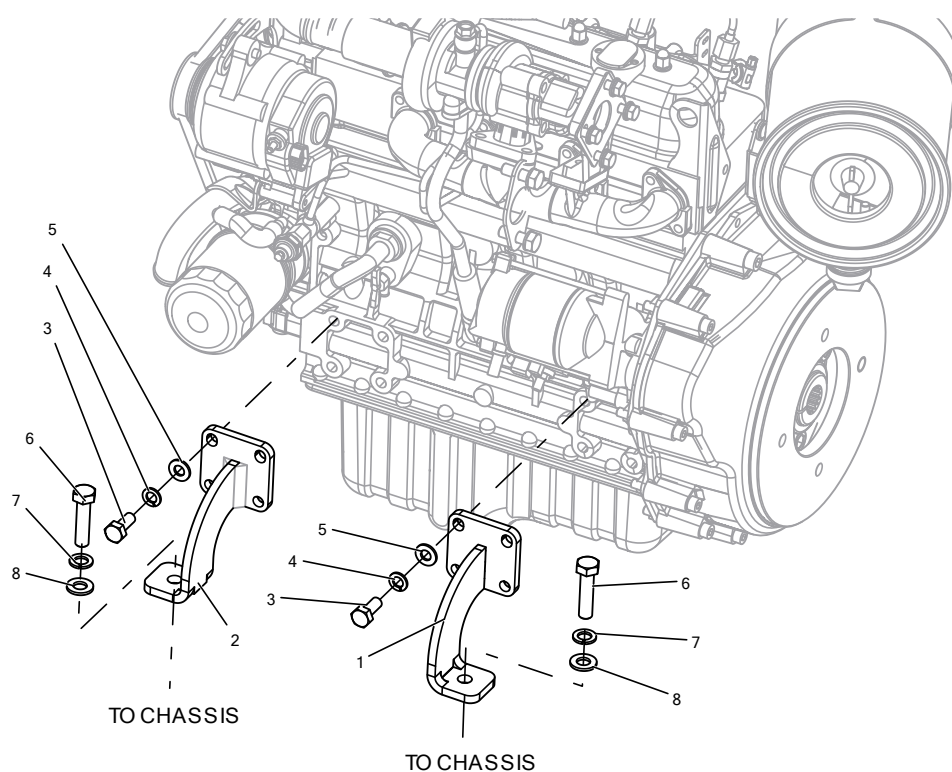
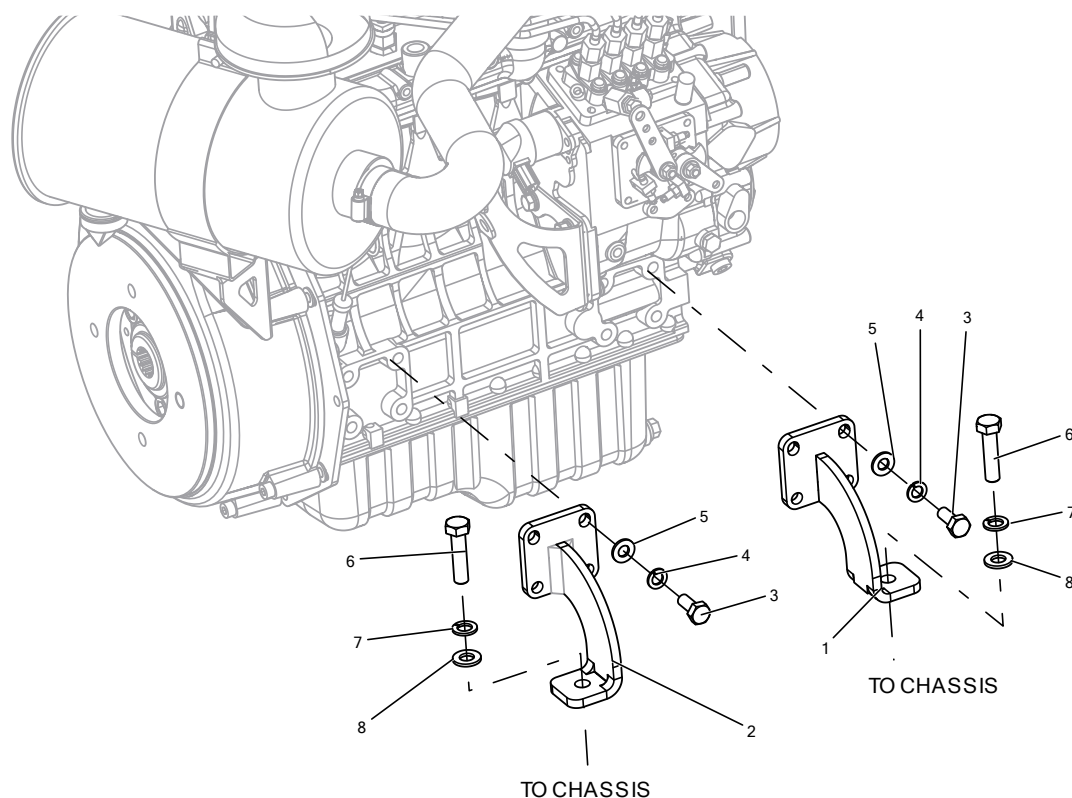


Figure 101 LM2-60-20 4 Cylinder Engine - mounting



Item	Part no.	Description	Qty	Notes
1	LM2-114-00	ENGINE MOUNT 1	2	
2	LM2-115-00	ENGINE MOUNT 2	2	
3	XS10025ZFINE	M10 FINE X 25 HEX HEAD SCREW 8.8	16	
4	XW10SZ	M10 SPRING WASHER	16	
5	XW10AZ	M10 FORM A WASHER	16	
6	XS12050Z	M12 X 50 HEX HEAD SCREW 8.8	4	
7	XW12SZ	M12 SPRING WASHER	4	
8	XW12AZ	M12 FORM A WASHER	4	

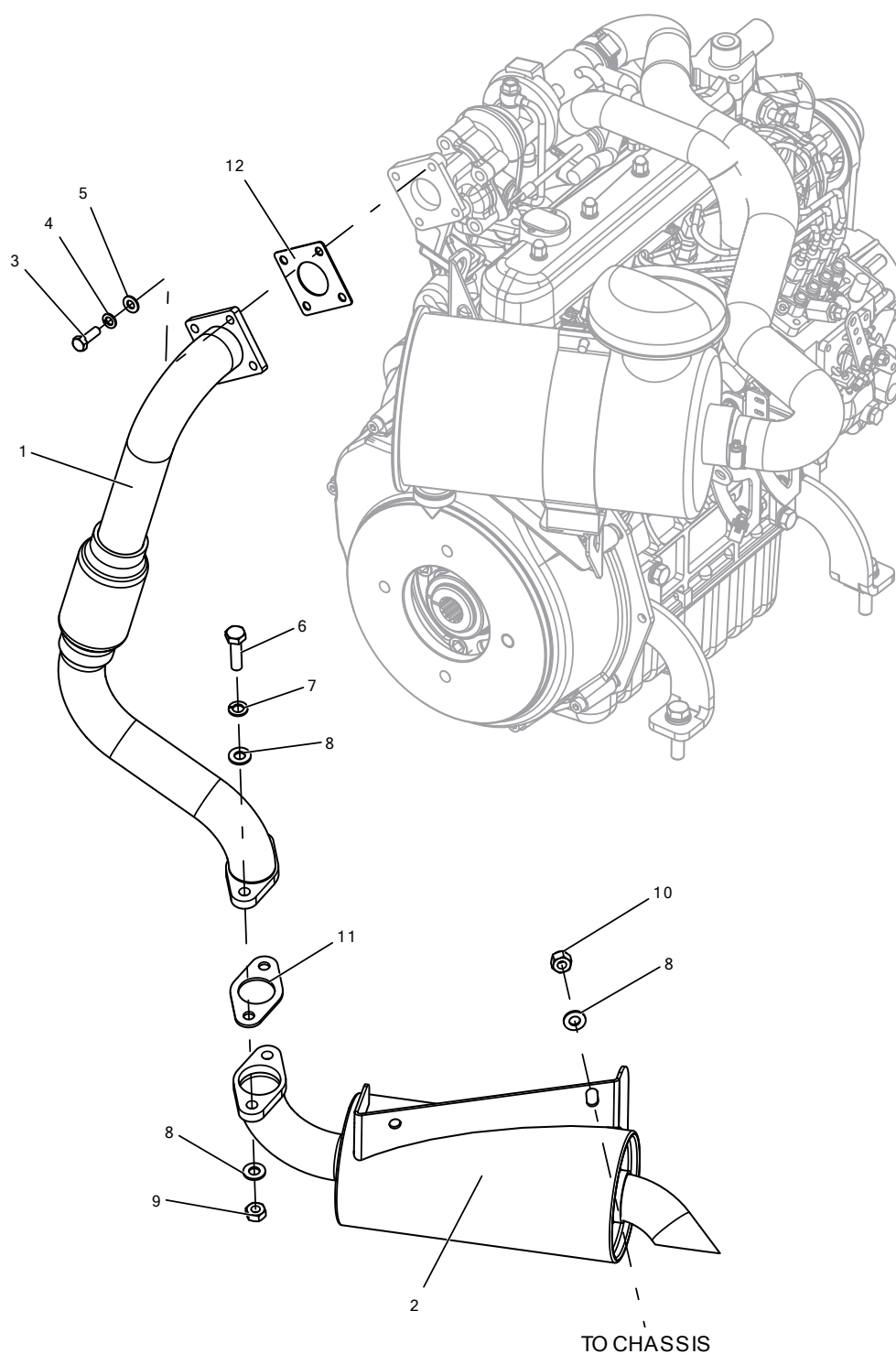


Figure 102: LM2-60-20 4 Cylinder Engine - exhaust system

Item	Part no.	Description	Qty	Notes
1	LM2-605-38	V1505T EXHAUST DOWNPIPE	1	
2	LM2-605-39	EXHAUST SILENCER	1	
3	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	1	
4	XW08SZ	M8 SPRING WASHER	1	
5	XW08AZ	M8 FORM A WASHER	1	
6	XS10040Z	M10 X 40 HEX HEAD SCREW 8.8	1	
7	XW10SZ	M10 SPRING WASHER	1	
8	XW10AZ	M10 FORM A WASHER	3	
9	XN10Z	M10 PLAIN NUT	1	
10	XN10N	M10 NYLOC NUT	1	
11	15313-12370	KUBOTA 2 BOLT EXHAUST GASKET	1	
12	15263-12370	KUBOTA 4 BOLT EXHAUST GASKET	1	

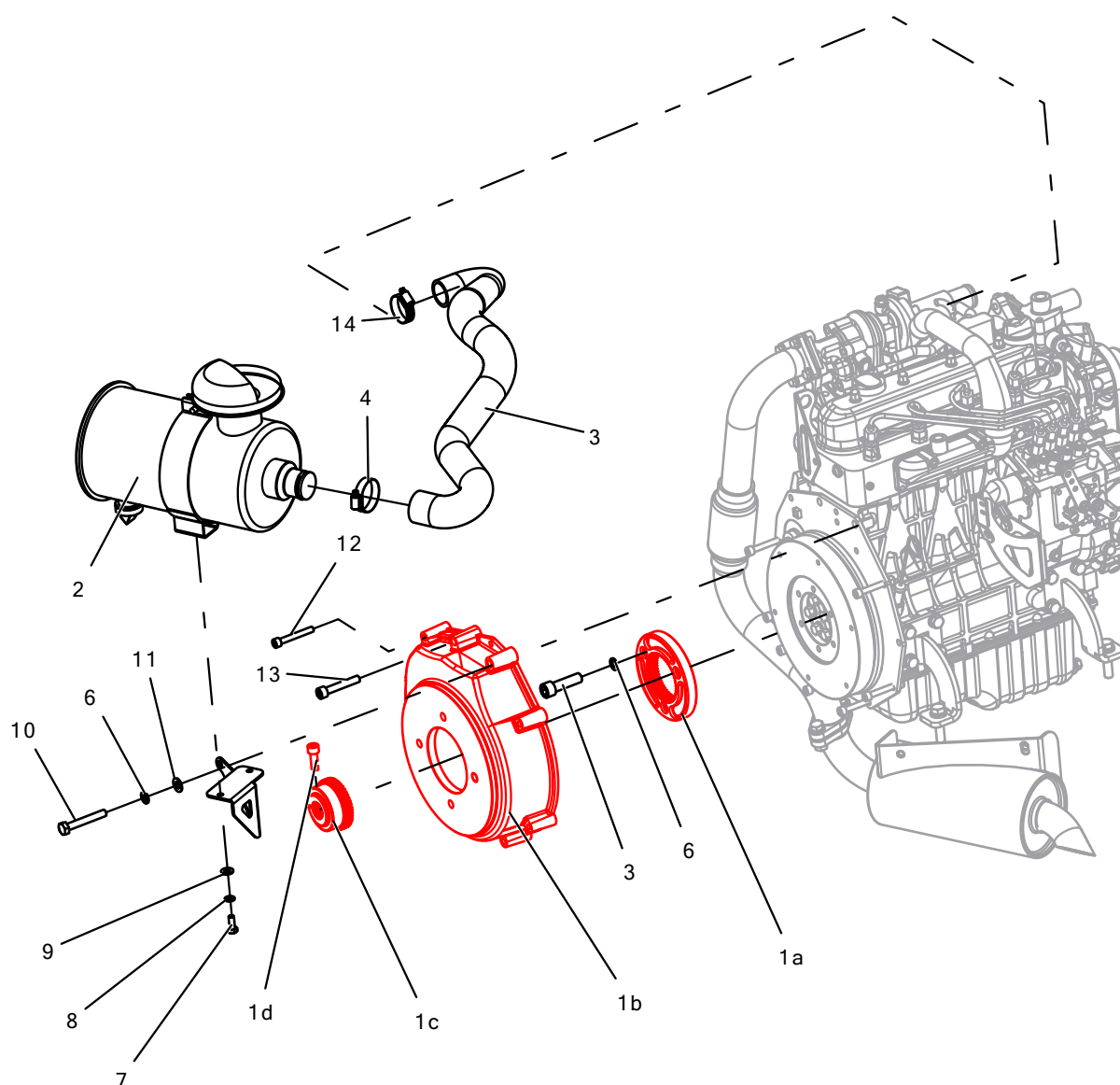


Figure 103: LM2-60-20 4 Cylinder Engine - Flywheel Housing and Air Filter



Item	Part no.	Description	Qty	Notes
1a	YCOUPLING2-ADAPTER RING	COUPLING ADAPTER RING	1	PART OF YCOUPLING2
1b	YCOUPLING2-HOUSING	COUPLING HOUSING	1	PART OF YCOUPLING3
1c	YCOUPLING2-ADAPTER	COUPLING ADAPTER	1	PART OF YCOUPLING4
1d	YCOUPLING2-ADAPTER SCREW	COUPLING ADAPTER SCREW	1	PART OF YCOUPLING5
2	1661711002_M	AIR FILTER CANISTER 4 CYLINDER	1	
3	XSC10030Z	M10 X 30 CAP HEAD SCREW 8.8	3	
4	YCLIP45	28-54 MM CLIP	1	
5	LM2-104-05	AIR FILTER CANISTER BRACKET 4 CYLINDER	1	
6	XW10SZ	M10 SPRING WASHER	4	
7	XS08020Z	M8 C 20 HEX HEAD SCREW 8.8	2	
8	XW08SZ	M8 SPRING WASHER	2	
9	XW08CZB	M8 FORM A WASHER BLACK	2	
10	XS10070Z	M10 X 70 HEX HEAD SCREW 8.8	1	
11	XW10AZ	M10 FORM A WASHER	1	
12	XSC08060Z	M8 X 60 CAP HEAD SCREW 8.8	8	
13	XSC10060Z	M10 X 60 CAP HEAD SCREW 8.8	1	
14	YCLIP35	31-48 MM CLIP	1	



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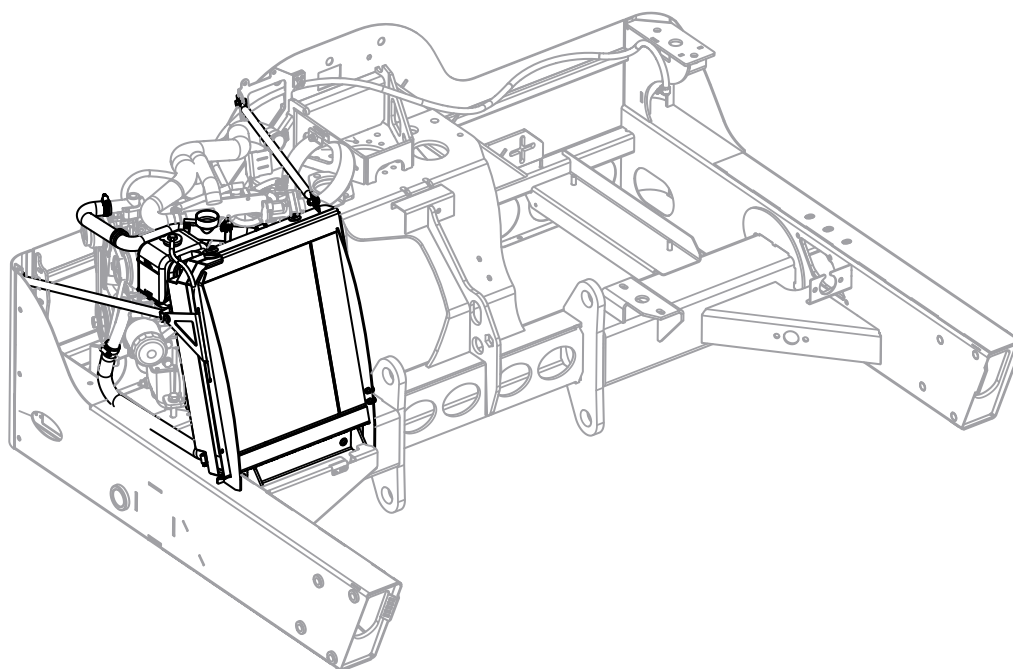


Figure 104: LM2-60-20 4 Cylinder Engine Radiator assembly

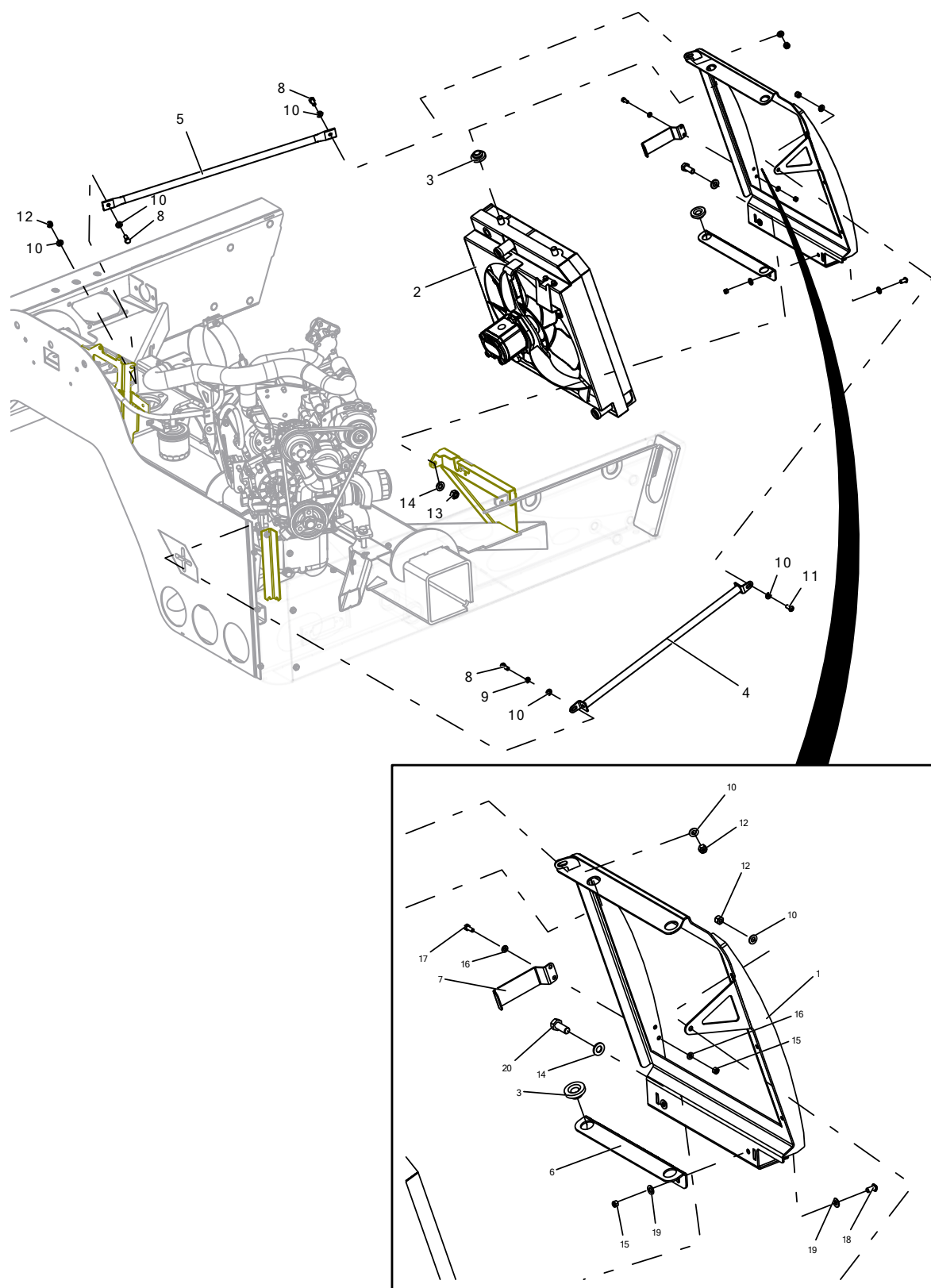


Figure 105: LM2-60-20 4 Cylinder Engine Radiator assembly detail

Item	Part no.	Description	Qty	Notes
1	LM2-103-39	RADIATOR SUPPORT FRAME ASSY	1	
2	FAN ASSEMBLY	FAN ASSEMBLY	1	See Figure 106
3	34070-16031	RADIATOR CUSHION	4	
4	LM2-103-10	RH RADIATOR STRUT	1	
5	LM2-100-98	TOP RADIATOR STRUT	1	
6	LM2-103-38	RADIATOR SUPPORT BRACKET	1	
7	LM2-103-72	OIL COOLER HOSE RETAINER	1	
8	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	3	
9	XW08SZ	M8 SPRING WASHER	7	
10	XW08AZ	M8 FORM A WASHER	7	
11	XBUT08020SKTZB	M8 X 20 BUTTON HEAD SCREW 8.8	1	
12	XN08N	M8 NYLOC NUT	3	
13	XN12N	M12 NYLOC NUT	1	
14	XW12AZ	M12 FORM A WASHER	2	
15	XN06N	M6 NYLOC NUT	4	
16	XW06AZ	M6 FORM A WASHER	4	
17	XS06016Z	M6 X 16 HEX HEAD SCREW 8.8	2	
18	XBUT08016SKTZB	M8 X 16 BUTTON HEAD SCREW 8.8	2	
19	XW08AZ	M8 FORM A WASHER	4	
20	XS12030Z	M12 X 30 HEX HEAD SCREW 8.8	1	

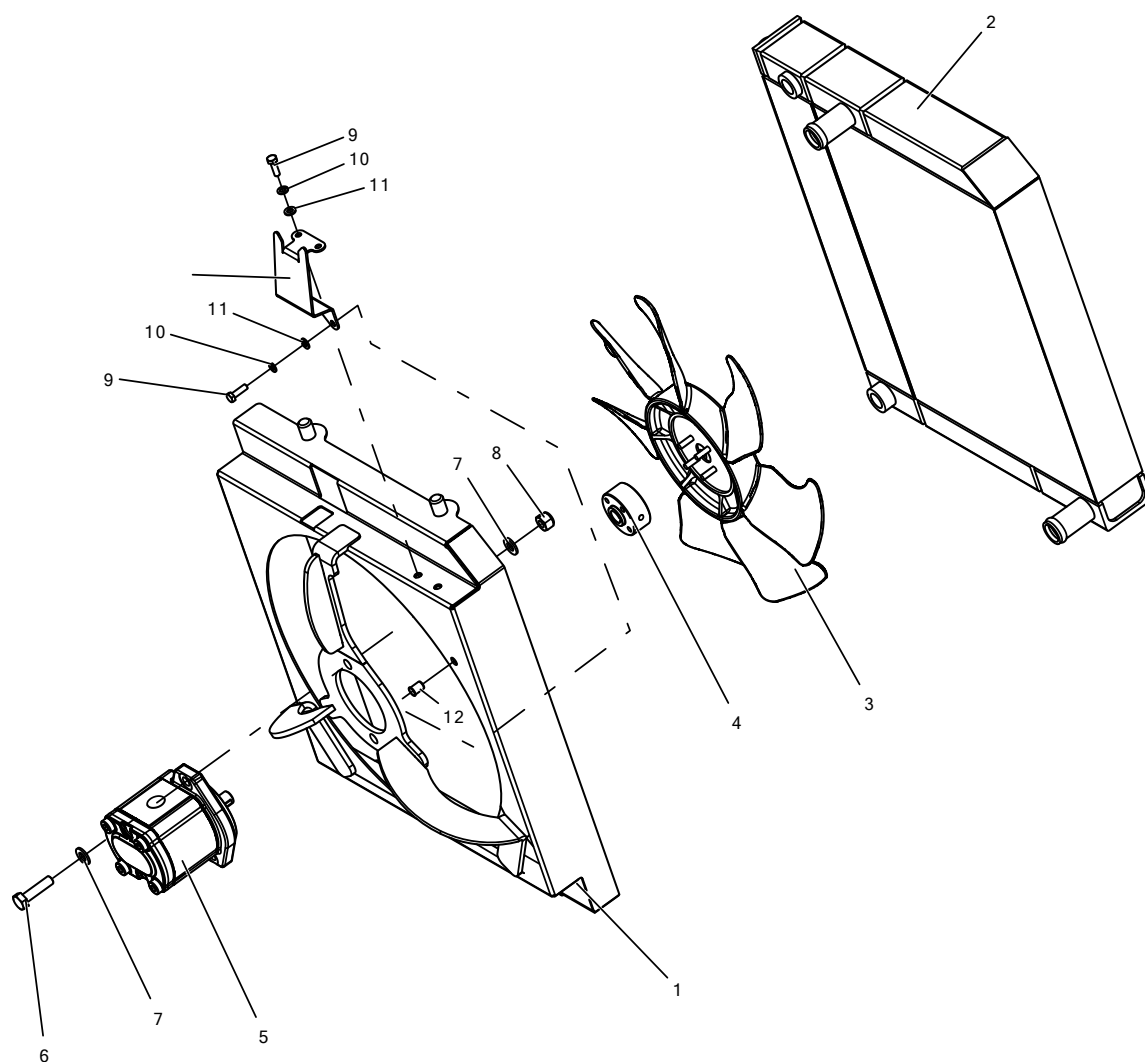


Figure 106: LM2-60-20 4 Cylinder Engine Radiator Fan Assembly



Item	Part no.	Description	Qty	Notes
1	LM2-103-56	RADIATOR SHROUD	1	
2	LM2-607-00	COMBI RADIATOR	1	
3	16285-7411-0 FAN	RADIATOR FAN 4CYL	1	
4	LM2-103-47	COOLING FAN BOSS	1	
5	YMOTOR11	14 CC GEAR MOTOR	1	
6	XS10040Z	M10 X 40 HEX HEAD SCREW 8.8	2	
7	XW10AZ	M10 FORM A WASHER	4	
8	XN10N	M10 NYLOC NUT	2	
9	XS06020Z	M6 X 20 HEX HEAD SCREW 8.8	3	
10	XW06SZ	M6 SPRING WASHER	3	
11	XW06AZ	M6 FORM A WASHER	3	
12	XNS06	M6 NUTSERT	1	

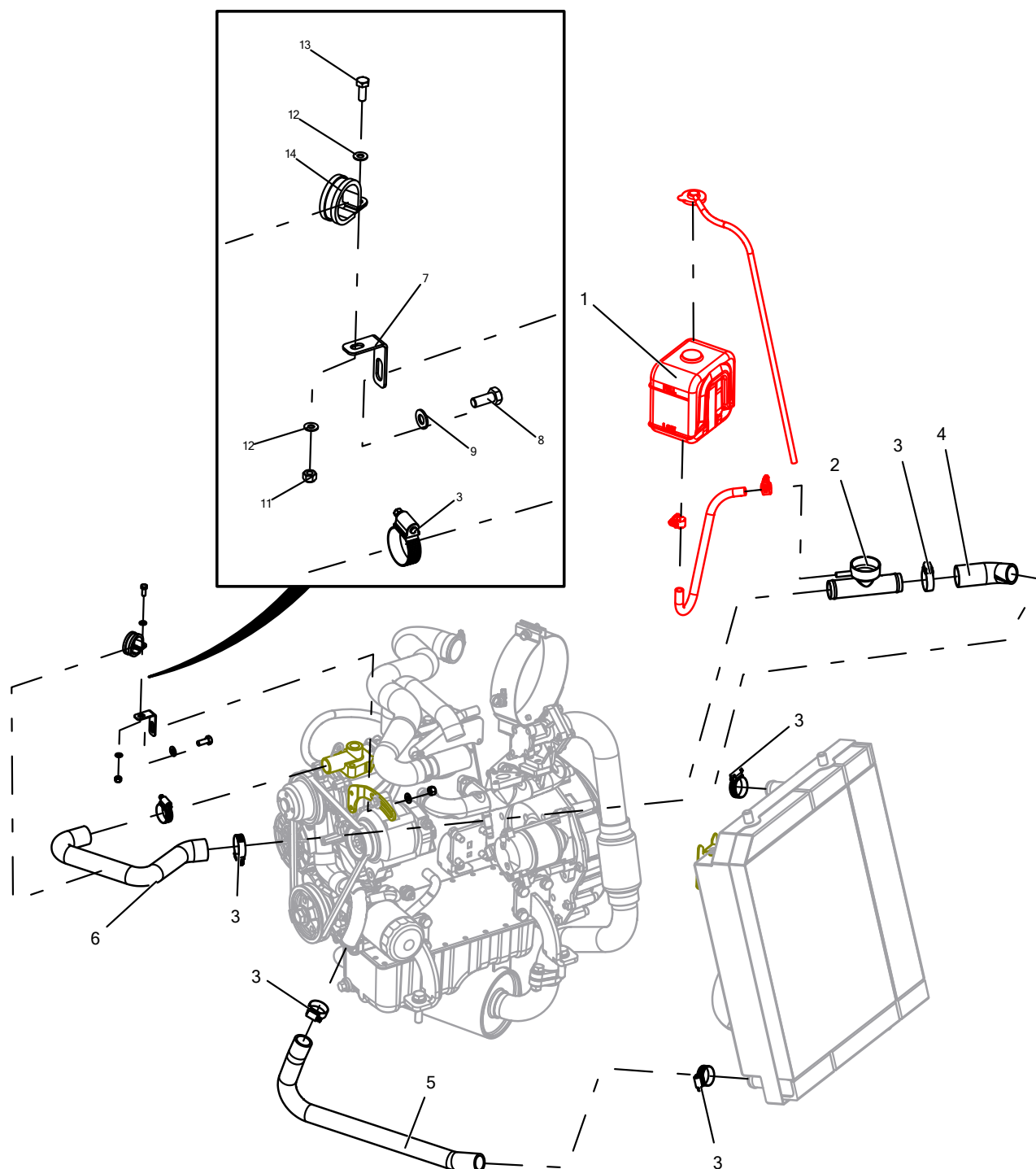


Figure 107: LM2-60-20 4 Cylinder Engine Radiator assembly pipework



Item	Part no.	Description	Qty	Notes
1	19077-72092	HEADER TANK	1	
2	YFILLER7	IN LINE FILLER	1	
3	YCLIP35	31-48 MM CLIP	6	
4	LM2-103-50	TOP HOSE - 1505T - SHORT	1	
5	LM2-103-51	BOTTOM HOSE - 1505T	1	
6	LM2-103-49	TOP HOSE - 1505T - LONG	1	
7	LM2-103-71	TOP COOLANT HOSE MOUNT V1505T	1	
8	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	1	
9	XW08AZ	M8 FORM A WASHER	2	
10	XN08N	M8 NYLOC NUT	1	
11	XN06N	M6 NYLOC NUT	1	
12	XW05CZB	M6 FORM C WASHER	2	
13	XS06016Z	M6 X 16 HEX HEAD SCREW 8.8	1	
14	YPCLIP33	33 MM P-CLIP	1	

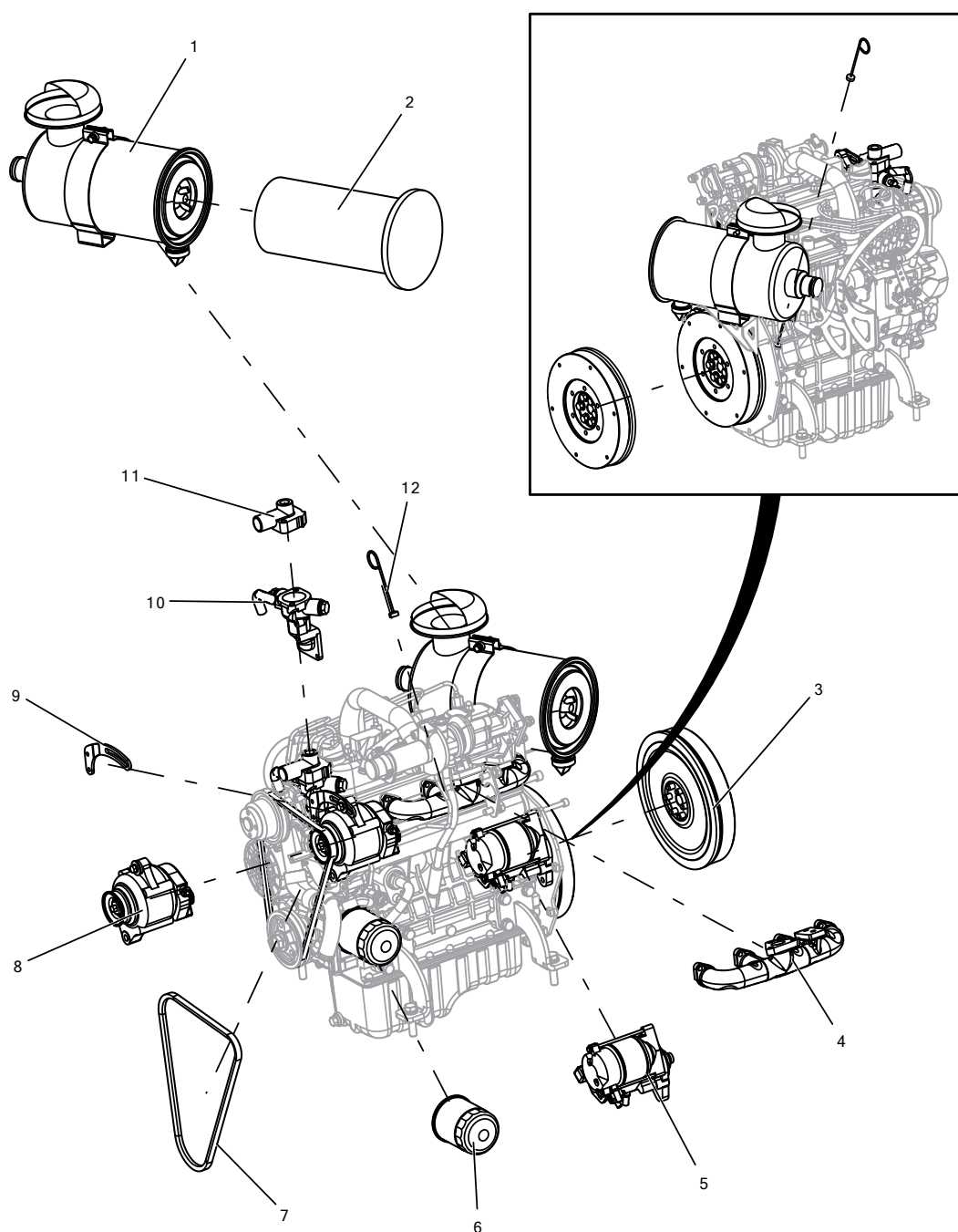


Figure 108 LM2-60-20 4-cylinder engine service items



Item	Part no.	Description	Qty	Notes
1	16617-11002_M	AIR FILTER CANISTER 4CYL	1	
2	YFILTER20 (S)	AIR FILTER 4 CYL	1	
3	16614-2501-2	FLYWHEEL ASSEMBLY	1	
4	16241-12313	EXHAUST MANIFOLD 4CYL	1	
5	16611-6301-0	STARTER MOTOR 4CYL	1	
6	16271-32092	OIL FILTER 4CYL	1	
7	1G902-00000	AUXILIARY BELT 4CYL	1	
8	19630-64015	ALTERNATOR 60A	1	
9	16615-64422	ALTERNATOR STAY 4CYL	1	
10	WFLG_1G90200000	WATER FLANGE AND THERMOSTAT	1	
11	16212-73266	THERMOSTAT COVER 4CYL	1	
12	17456-36412	DIP STICK 4CYL	1	

CHAPTER5: LM2-61-00 HYDRAULIC OIL TANK ASSEMBLY

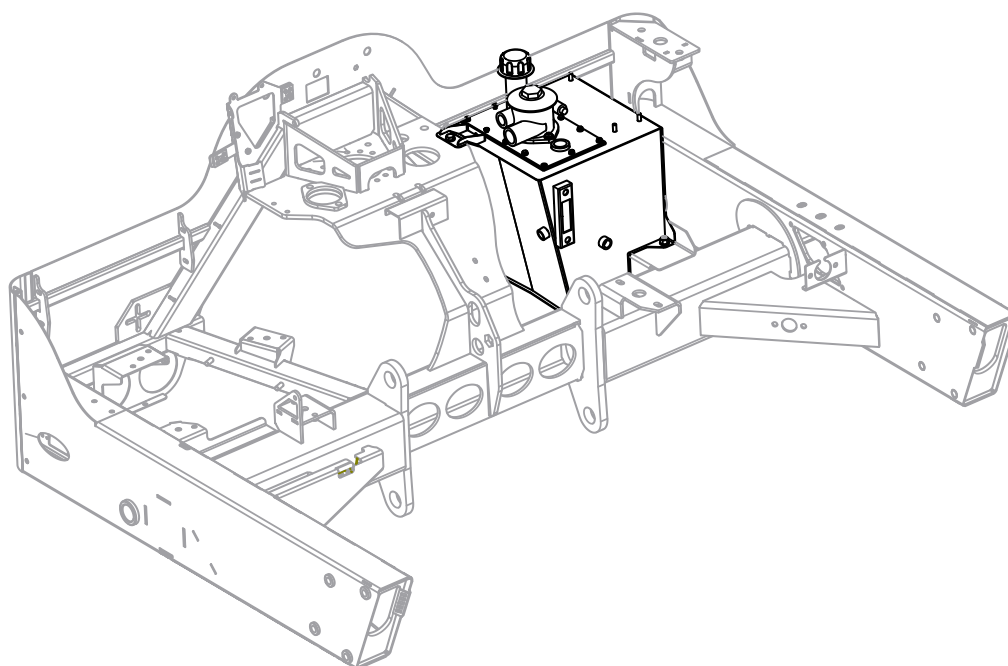


Figure 109 LM2-61-00 Hydraulic Oil Tank Standard - Breakdown

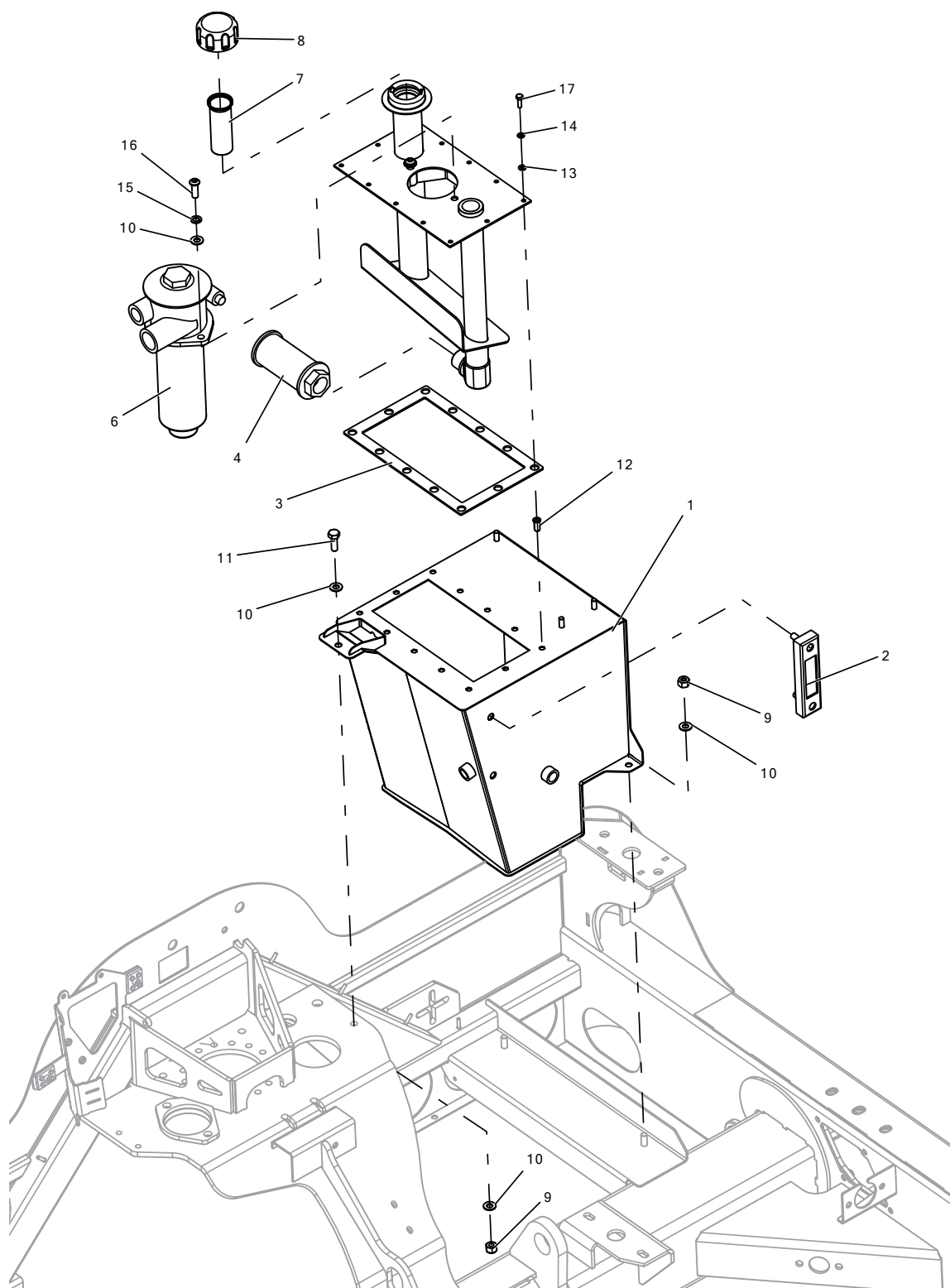


Figure 110: LM2-61-00 Hydraulic Oil Tank - Standard



Item	Part no.	Description	Qty	Notes
1	LM2-601-00	HYDRAULIC OIL TANK	1	
2	YLEVGAUGE1	OIL GAUGE	1	
3	LM2-601-12	GASKET - HYDRAULIC OIL TANK	1	
4	YFILTER8	HYDRAULIC OIL SUCTION STRAINER	1	
5	LM2-601-20	HYDRAULIC TANK BULKHEAD	1	
6	YFILTER1	HYDRAULIC COMBINATION FILTER	1	
7	YFILLER1_FILTER	HYDRAULIC OIL TANK FILLER FILTER	1	
8	YFILLER1_CAP	HYDRAULIC OIL TANK CAP	1	
9	XN10N	M10 NYLOC NUT	2	
10	XW10AZ	M10 FORM A WASHER	5	
11	XS10030Z	M10 X 30 HEX HEAD SCREW 8.8	1	
12	XNC6HC	M6 X 10 CLOSED HEX NUTSERT	1	
13	XW06AZ	M6 FORM A WASHER	1	
14	XW06SZ	M6 SPRING WASHER	1	
15	XW10SZ	M10 SPRING WASHER	2	
16	XBUT10030SKTZB	M10 X 30 BUTTON HEAD SCREW 8.8	2	
17	XS06020Z	M10 X 20 HEX HEAD SCREW 8.8	1	

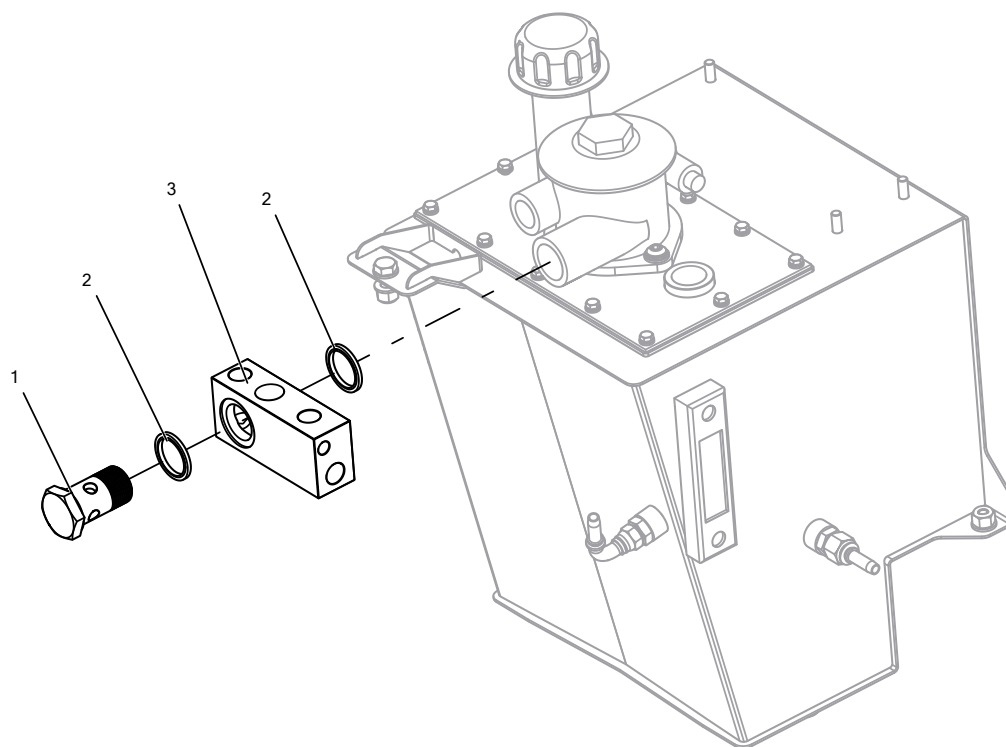


Figure 111: LM2-61-00 Hydraulic Oil Tank - Multi-directional Option

Item	Part no.	Description	Qty	Notes
1	YHA1BB	1" BANJO BOLT	1	
2	YHS1D	1" DOWTY WASHER	2	
3	LM2-606-03	6 PORT COMBI MANIFOLD	1	



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CHAPTER6: LM2-63-00 DRIVE CONTROL SYSTEM

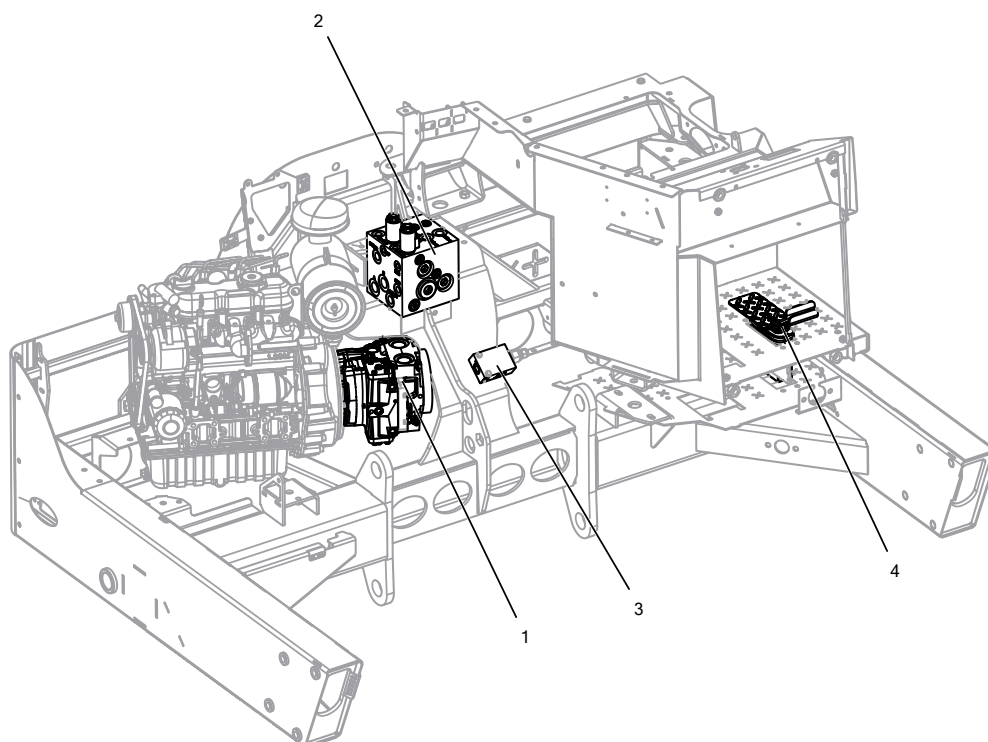


Figure 112 LM2-63-00 Drive Control System - 3 Cylinder Standard Steer Drive – Breakdown



Item	Part no.	Description	Qty	Notes
1	YPUMP8	PM30 34.2 cc/rev ANTI STALL	1	
2	YBLOCK2	HYDRAULIC DIFFERENTIAL LOCK	1	
3	YVALVE16	P/O CONTROL VALVE	1	
4	YPEDAL1	FORWARD/REVERSE PEDAL	1	

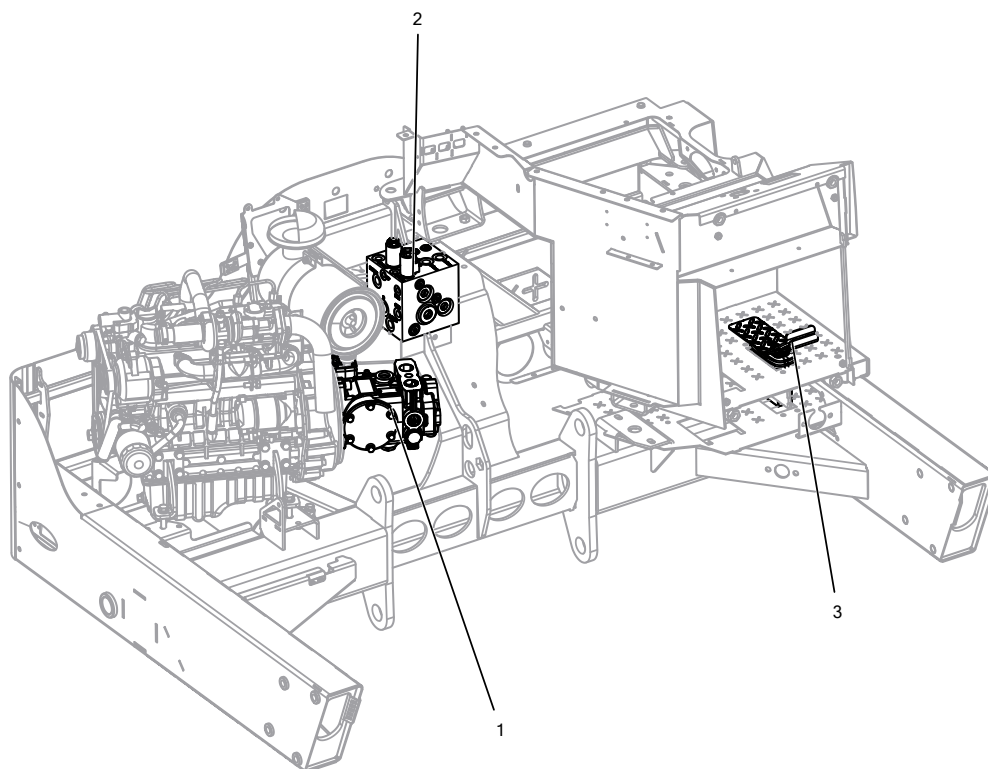


Figure 113 LM2-63-00 Drive Control System - 4 Cylinder Standard Steer Drive – Breakdown



Item	Part no.	Description	Qty	Notes
1	YPUMP1	45CC HYDROSTATIC PUMP WITH 14CC GEAR PUMP	1	
2	YBLOCK2	HYDRAULIC DIFFERENTIAL LOCK	1	
3	YPEDAL1	FORWARD/REVERSE PEDAL	1	

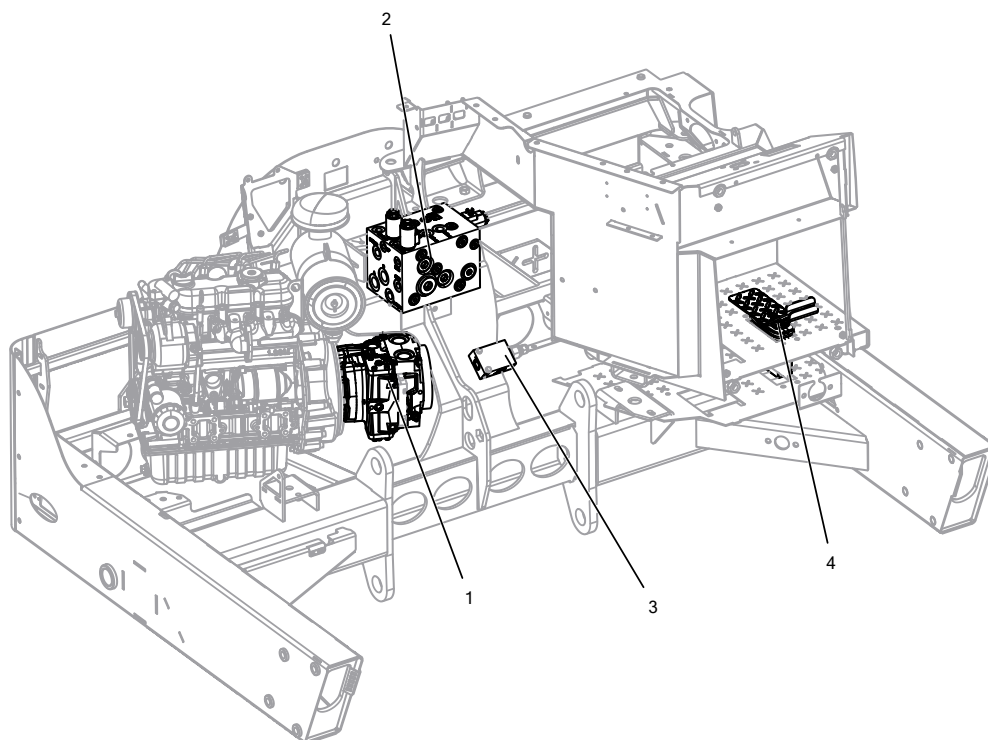


Figure 114: LM2-63-00 Drive Control System - 3 Cylinder Multi-Directional Steer Drive – Breakdown



Item	Part no.	Description	Qty	Notes
1	YPUMP8	PM30 34.2 cc/rev ANTI STALL	1	
2	YBLOCK4	HYDRAULIC DIFFERENTIAL LOCK - MULTI-DIRECTIONAL	1	
3	YVALVE16	P/O CONTROL VALVE	1	
4	YPEDAL1	FORWARD/REVERSE PEDAL	1	

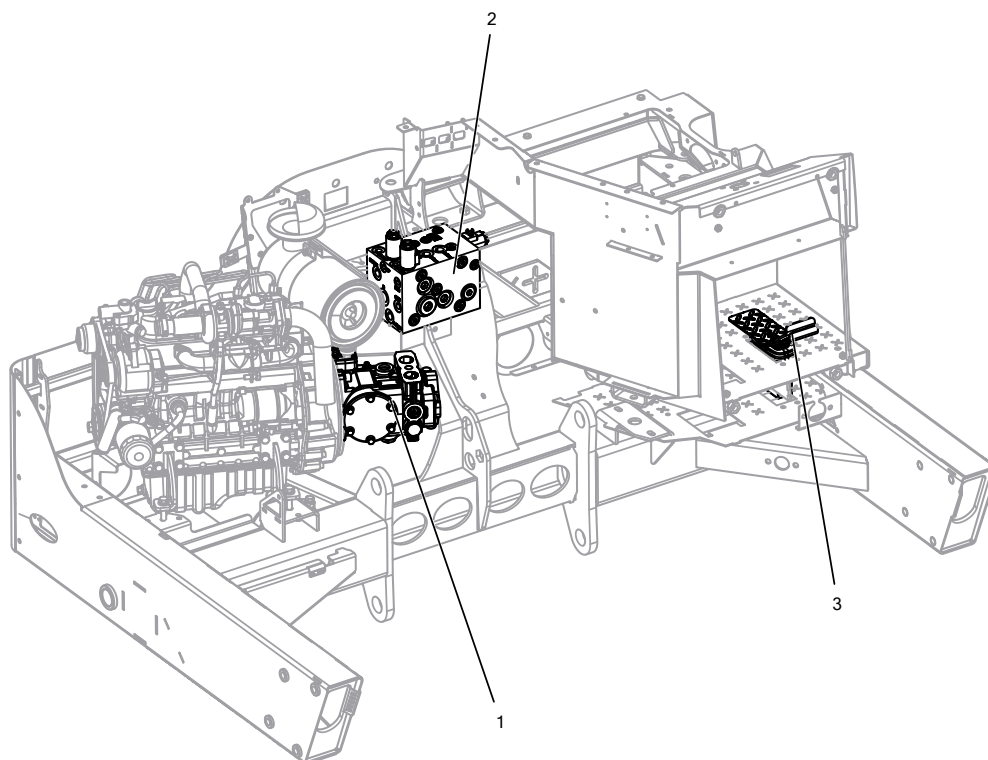


Figure 115: LM2-63-00 Drive Control System - 4 Cylinder Multi-Directional Steer Drive – Breakdown

Item	Part no.	Description	Qty	Notes
1	YPUMP1	45CC HYDROSTATIC PUMP WITH 14CC GEAR PUMP	1	
2	YBLOCK4	HYDRAULIC DIFFERENTIAL LOCK - MULTI-DIRECTIONAL	1	
3	YPEDAL1	FORWARD/REVERSE PEDAL	1	

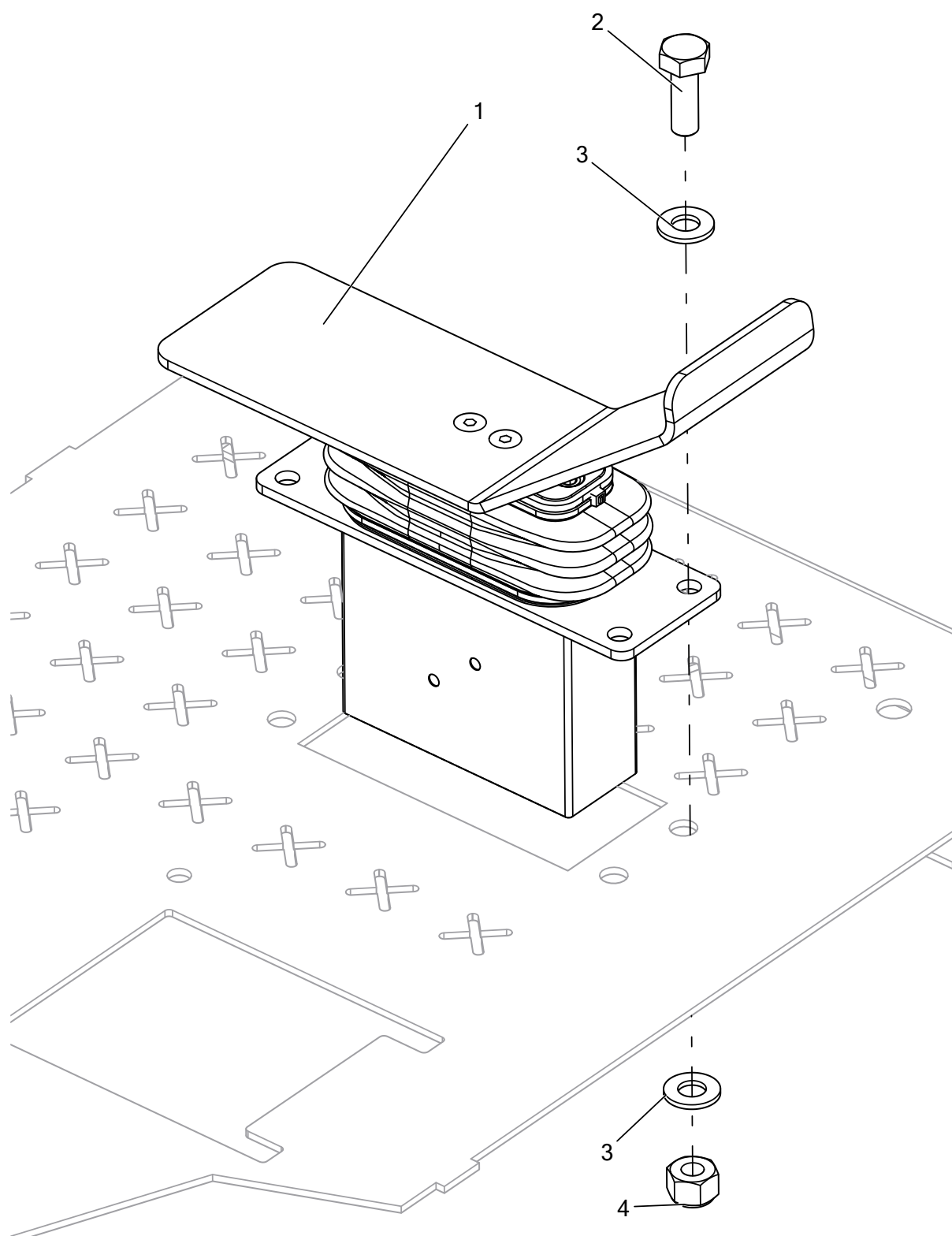


Figure 116: LM2-63-00 Drive Control – Foot Pedal

Item	Part no.	Description	Qty	Notes
1	YPEDAL1	FORWARD/REVERSE PEDAL	1	
2	XS10030Z	M10 X 30 HEX HEAD SCREW	4	
3	XW10AZ	M10 FORM A WASHER	8	
4	XN10N	M10 NYLOC NUT	4	

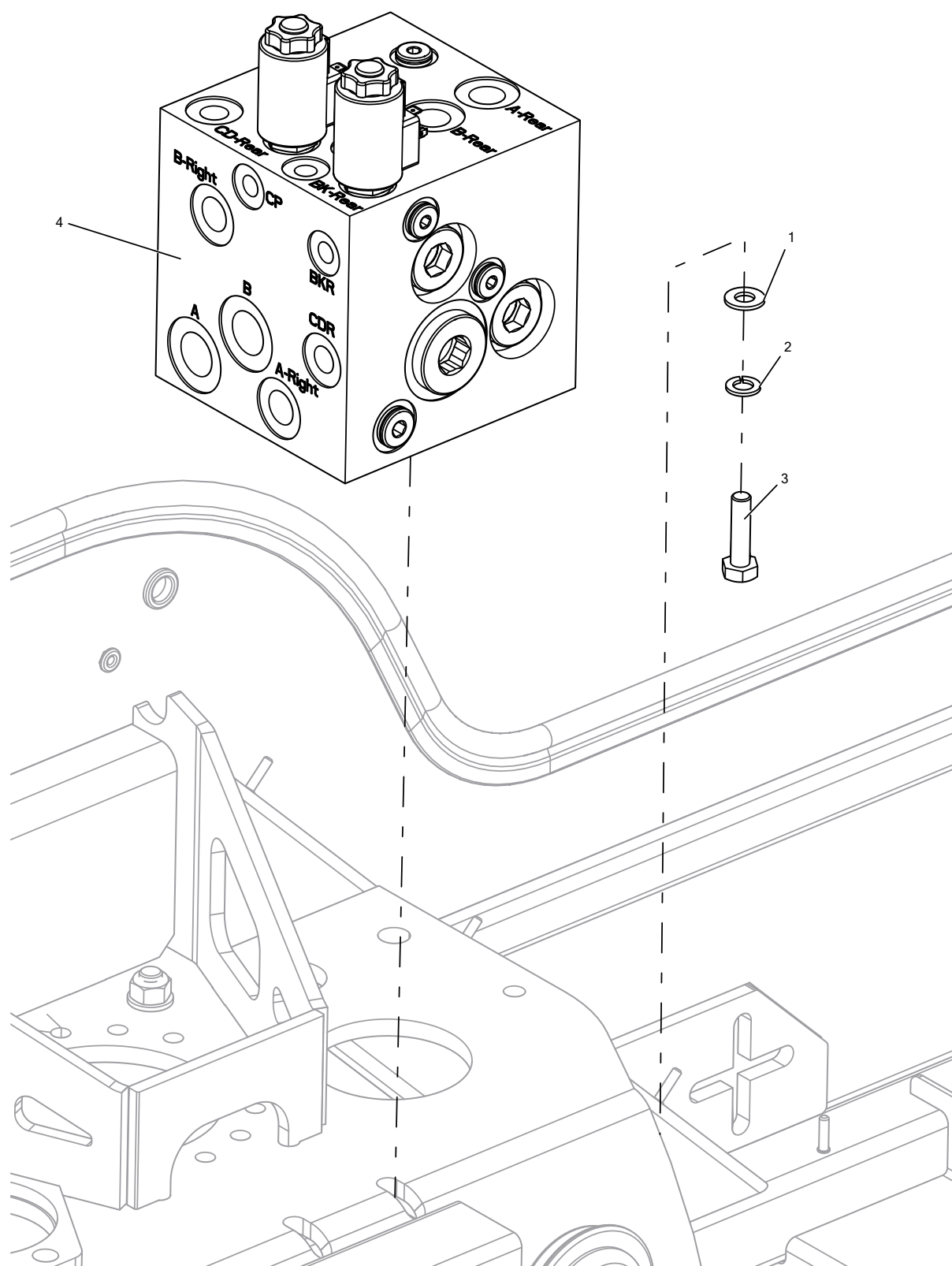


Figure 117 LM2-63-00 Drive Control System - 3 Cylinder Engine Manifold



Item	Part no.	Description	Qty	Notes
1	XW10AZ	M10 FORM A WASHER	4	
2	XW10SZ	M10 SPRING WASHER	2	
3	XS10040Z	M10 X 40 HEX HEAD SCREW 8.8	2	
4	YBLOCK2	HYDRAULIC DIFFERENTIAL LOCK	1	

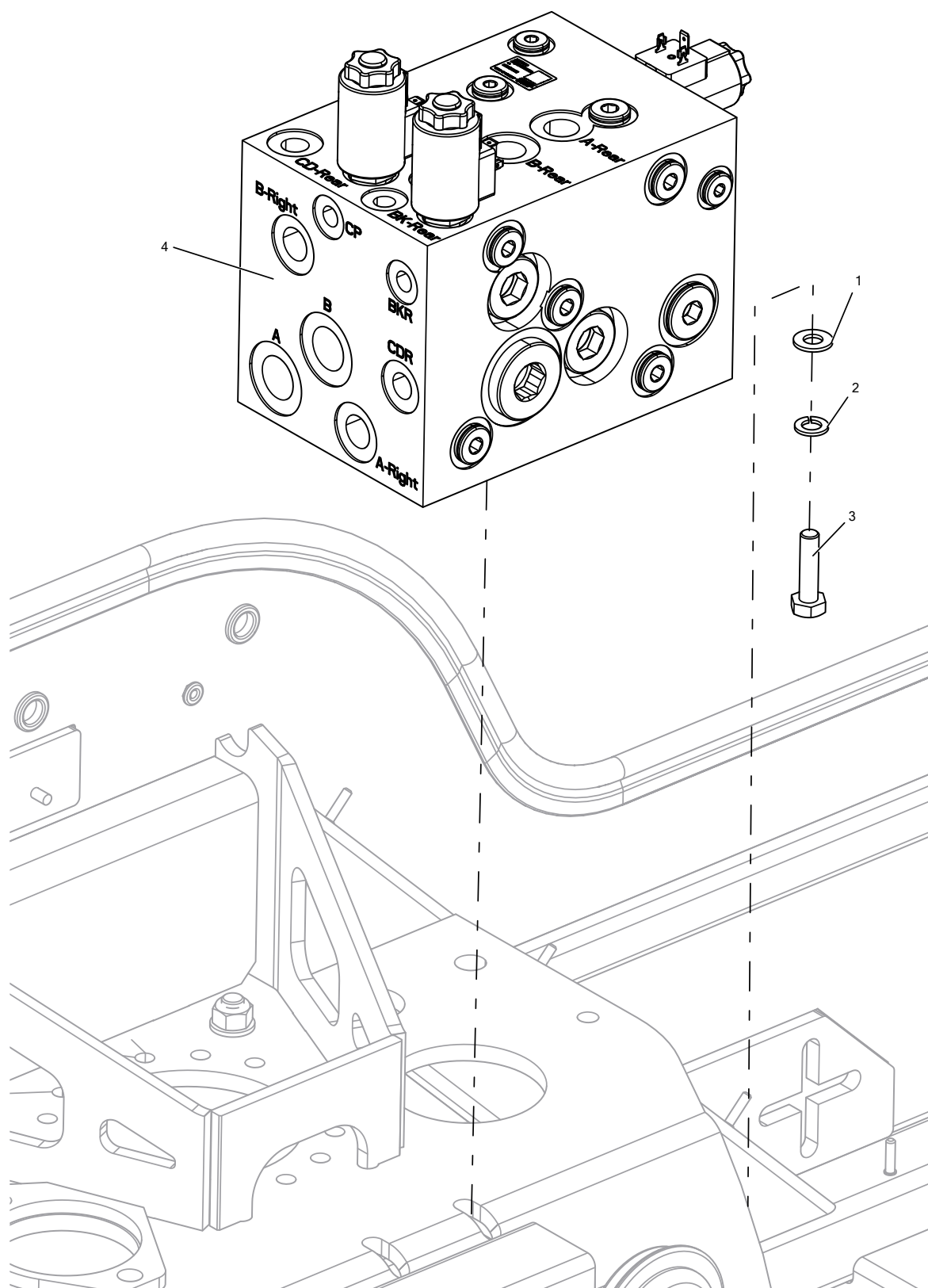


Figure 118: LM2-63-00 Drive Control System - 4 Cylinder Engine Manifold



Item	Part no.	Description	Qty	Notes
1	XW10AZ	M10 FORM A WASHER	4	
2	XW10SZ	M10 SPRING WASHER	2	
3	XS10040Z	M10 X 40 HEX HEAD SCREW 8.8	2	
4	YBLOCK4	HYDRAULIC DIFFERENTIAL LOCK - MULTI-DIRECTIONAL	1	

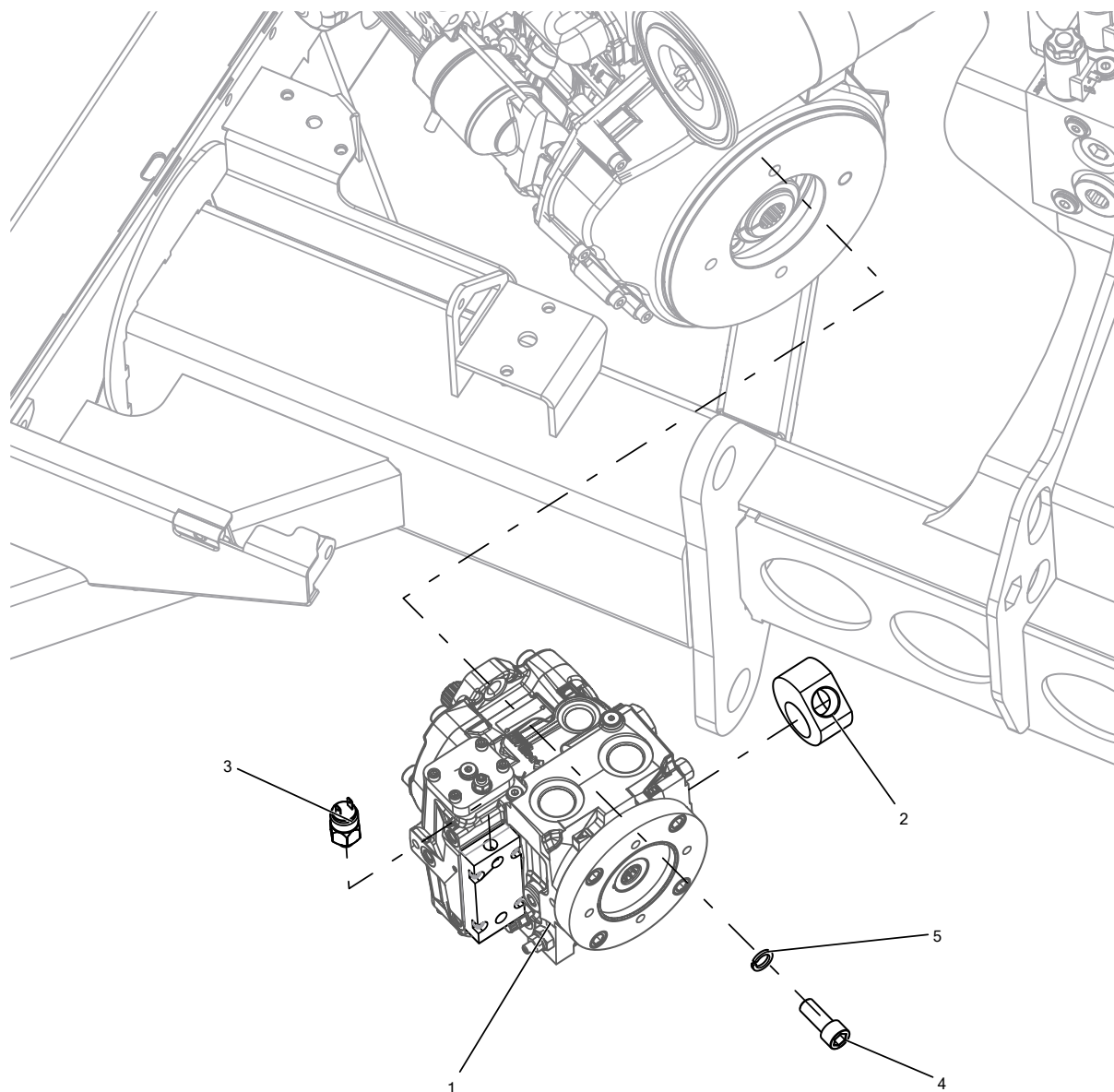


Figure 119: LM2-63-00 Drive Control System - 3 Cylinder Engine Pump



Item	Part no.	Description	Qty	Notes
1	YPUMP8	34.2 CC/REV HYDROSTATIC TRANSMISSION PUMP WITH ANTI STALL	1	
2	LM2-101-49	1" BANJO HOUSING	1	
3	YSWITCH54	HYDRAULIC PRESSURE SWITCH	1	
4	XSC14050Z	M14 X 35 CAP HEAD SCREW 8.8	2	
5	XW14SZ	M14 SPRING WASHER	2	

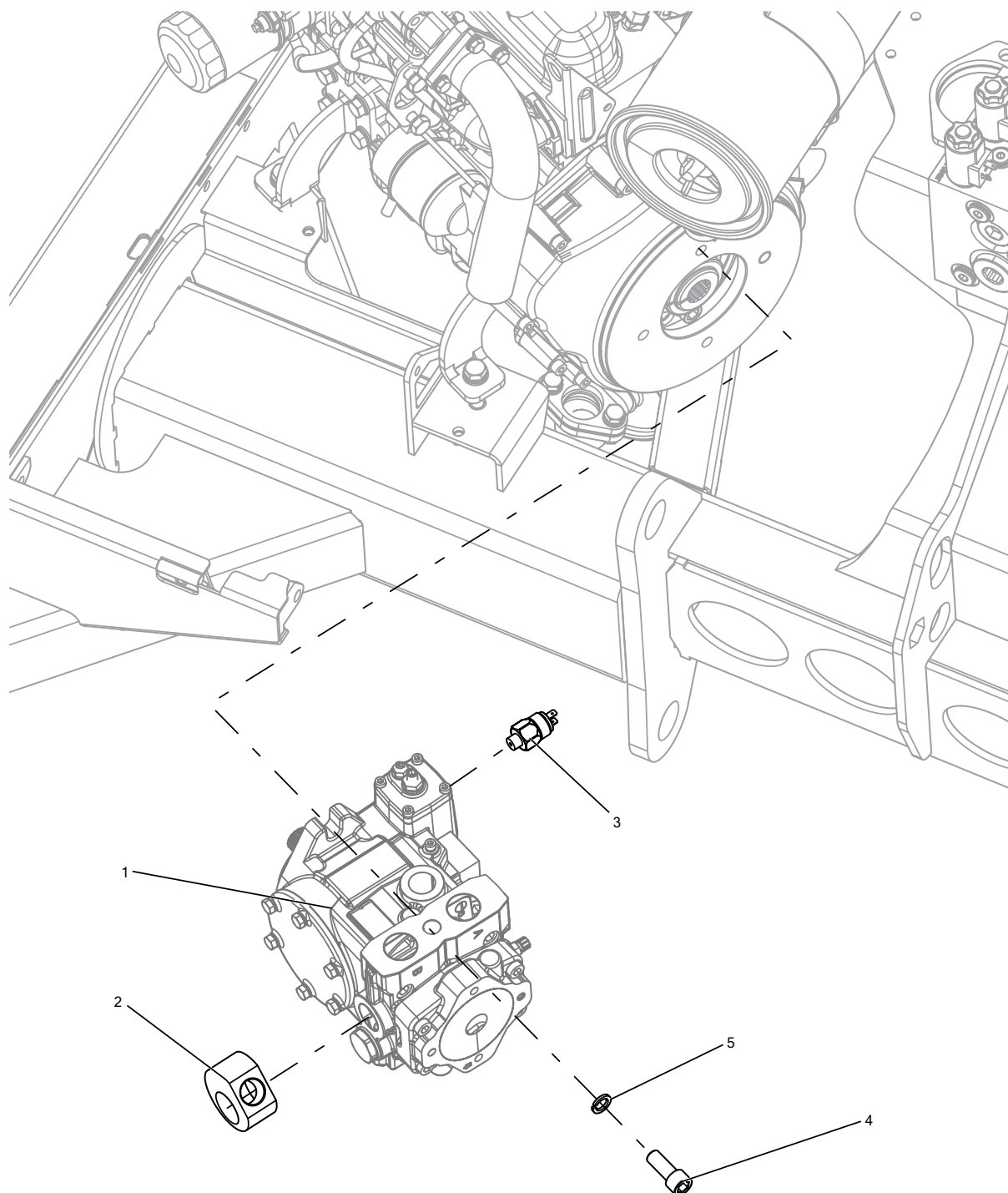


Figure 120 LM2-63-00 Drive Control System - 4 Cylinder Engine Pump



Item	Part no.	Description	Qty	Notes
1	YPUMP1	45CC HYDROSTATIC PUMP WITH 14CC GEAR PUMP	1	
2	LM2-101-49	SPECIAL BANJO HOUSING - PM45	1	
3	YSWITCH54	1/4" PRESSURE SWITCH	1	
4	XSC14050Z	M14 X 35 CAP HEAD SCREW 8.8	2	
5	XW14SZ	M14 SPRING WASHER	2	

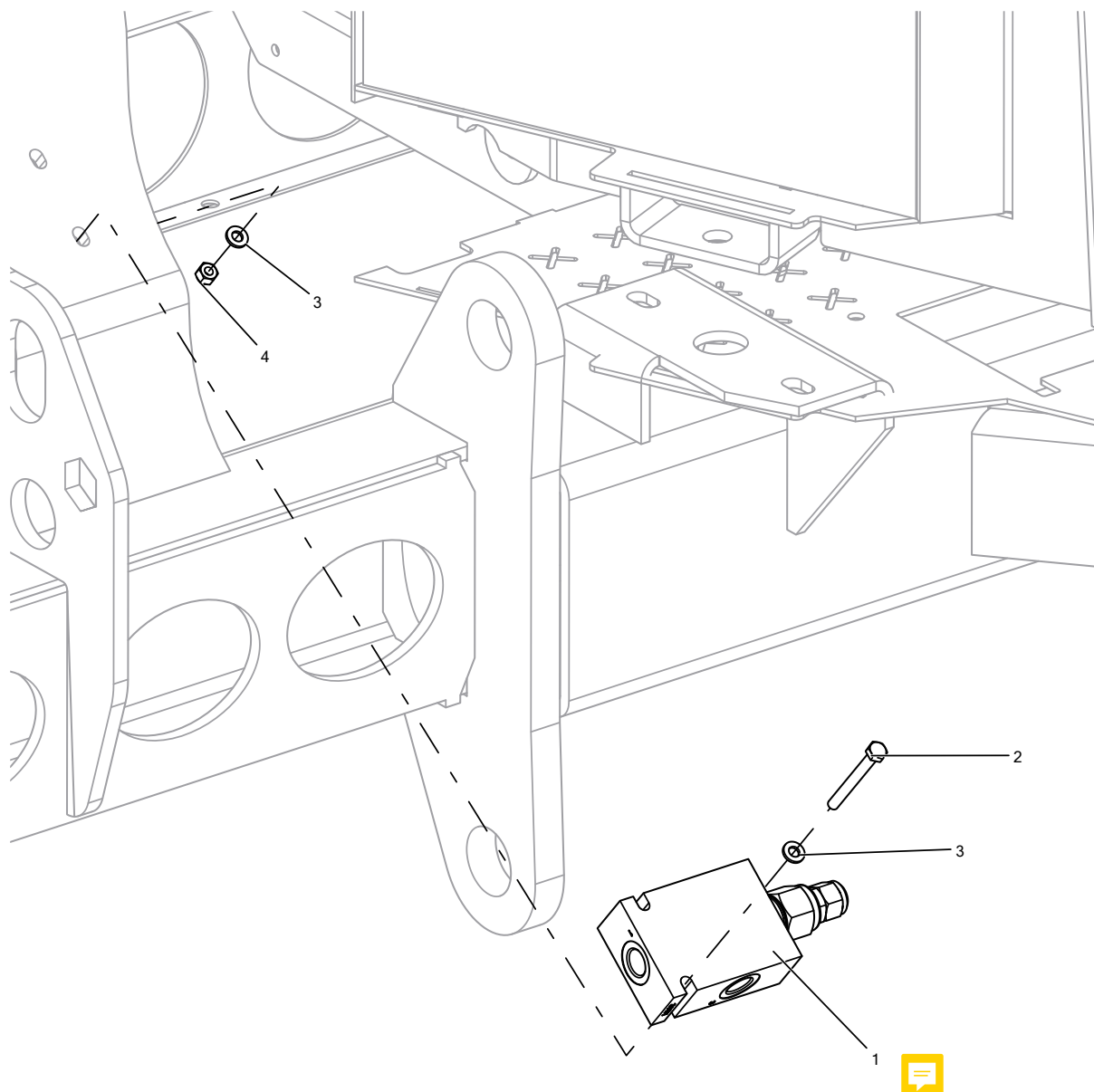


Figure 121 LM2-63-00 Drive Control System - 3 Cylinder Engine - Valve



Item	Part no.	Description	Qty	Notes
1	YVALVE16	P/O CONTROL VALVE	1	
2	XS06060Z	M6 X 60 HEX HEAD SCREW 8.8	2	
3	XW06AZ	M6 FORM A WASHER	4	
4	XN06N	M6 NYLOC NUT	2	



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CHAPTER7: LM2-64-00 SERVICE CONTROL SYSTEM

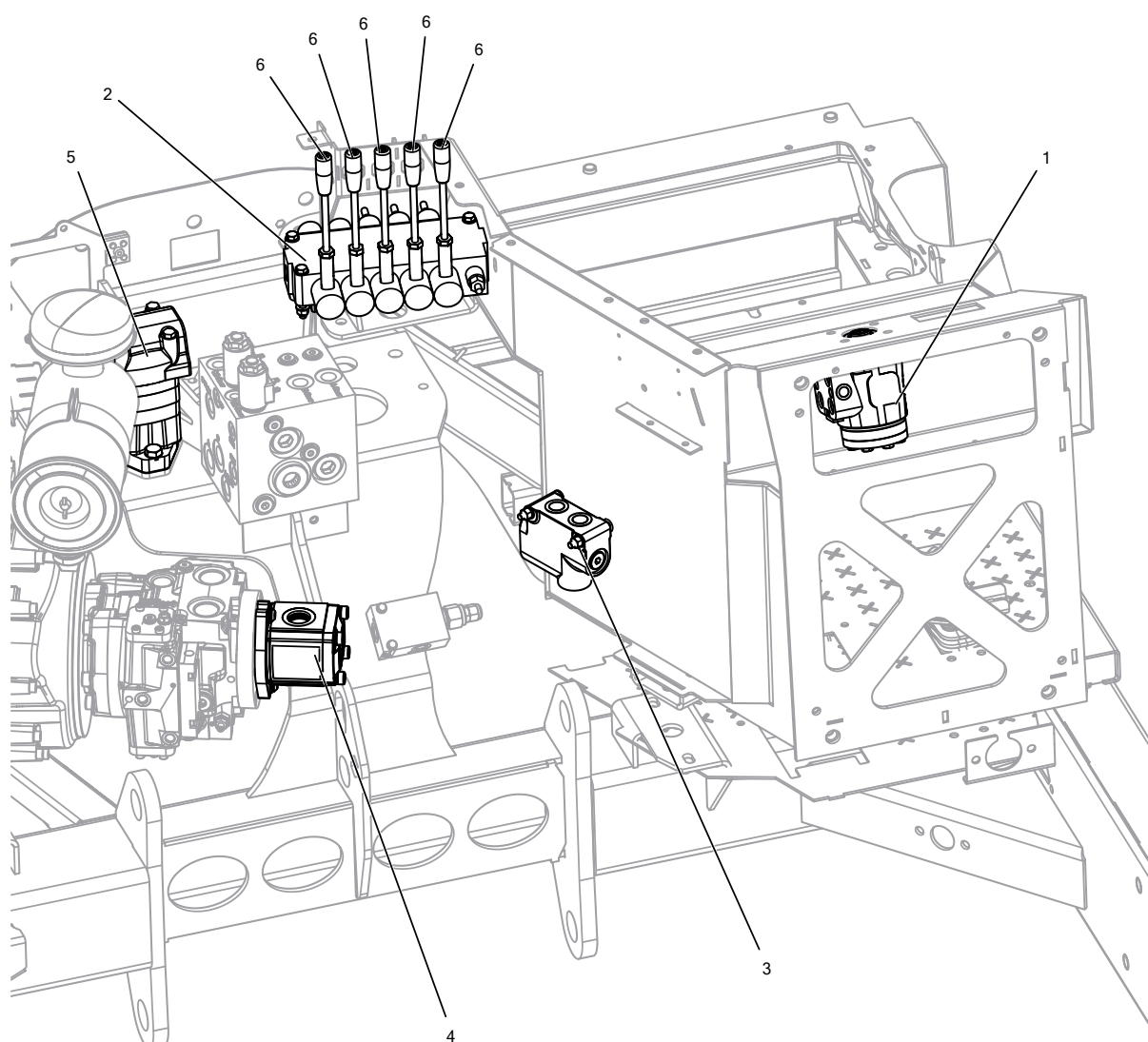


Figure 122 LM2-64-00 Service Control System - 3 Cylinder Standard



Item	Part no.	Description	Qty	Notes
1	YSTEERPUMP1	STEERING PUMP	1	
2	YLEVER1	HYDRAULIC LEVER BANK	1	
3	YVALVE5	PRIORITY VALVE	1	
4	YPUMP4	11cc GEAR PUMP	1	
5	YMOTOR3	REAR STEERING MOTOR	1	
6	YLEVER6	REAR LEVER	5	

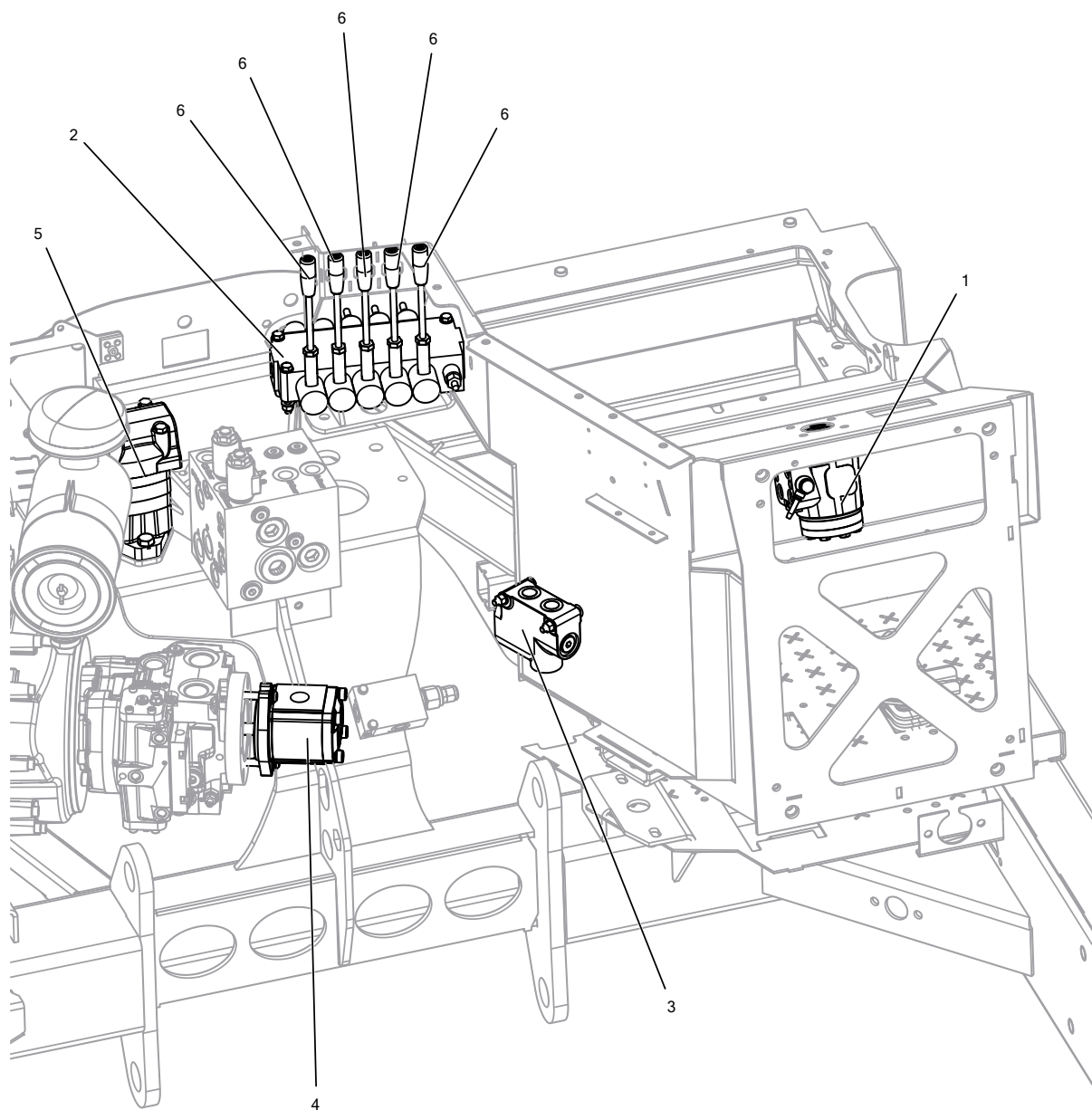


Figure 123: LM2-64-00 Service Control System - 4 Cylinder Standard



Item	Part no.	Description	Qty	Notes
1	YSTEERPUMP1	STEERING PUMP	1	
2	YLEVER1	HYDRAULIC LEVER BANK	1	
3	YVALVE5	PRIORITY VALVE	1	
4	YPUMP3	14CC GEAR PUMP	1	
5	YMOTOR3	REAR STEERING PUMP	1	
6	YLEVER6	REAR LEVER	5	

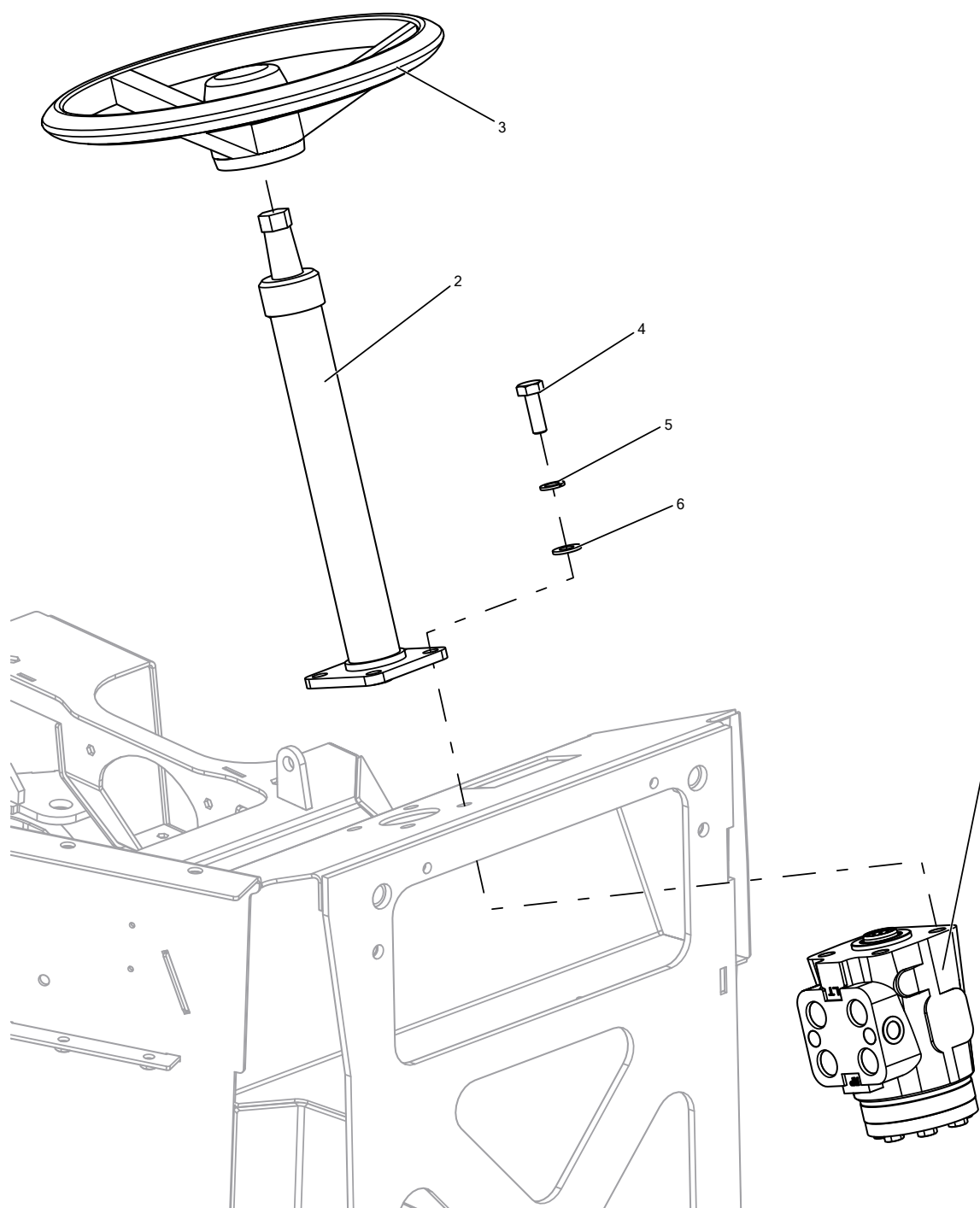


Figure 124: LM2-64-00 Service Control System - Steering pump



Item	Part no.	Description	Qty	Notes
1	YSTEERPUMP1	STEERING PUMP	1	
2	YSTEER1	Steering Column	1	
3	YSTEER5	DIA 300mm 3 PRONG STEER WHEEL	1	
4	XS10030Z	M10 X 30 HEX HEAD SCREW 8.8	4	
5	XW10SZ	M10 SPRING WASHER	4	
6	XW10AZ	M10 FORM A WASHER	4	

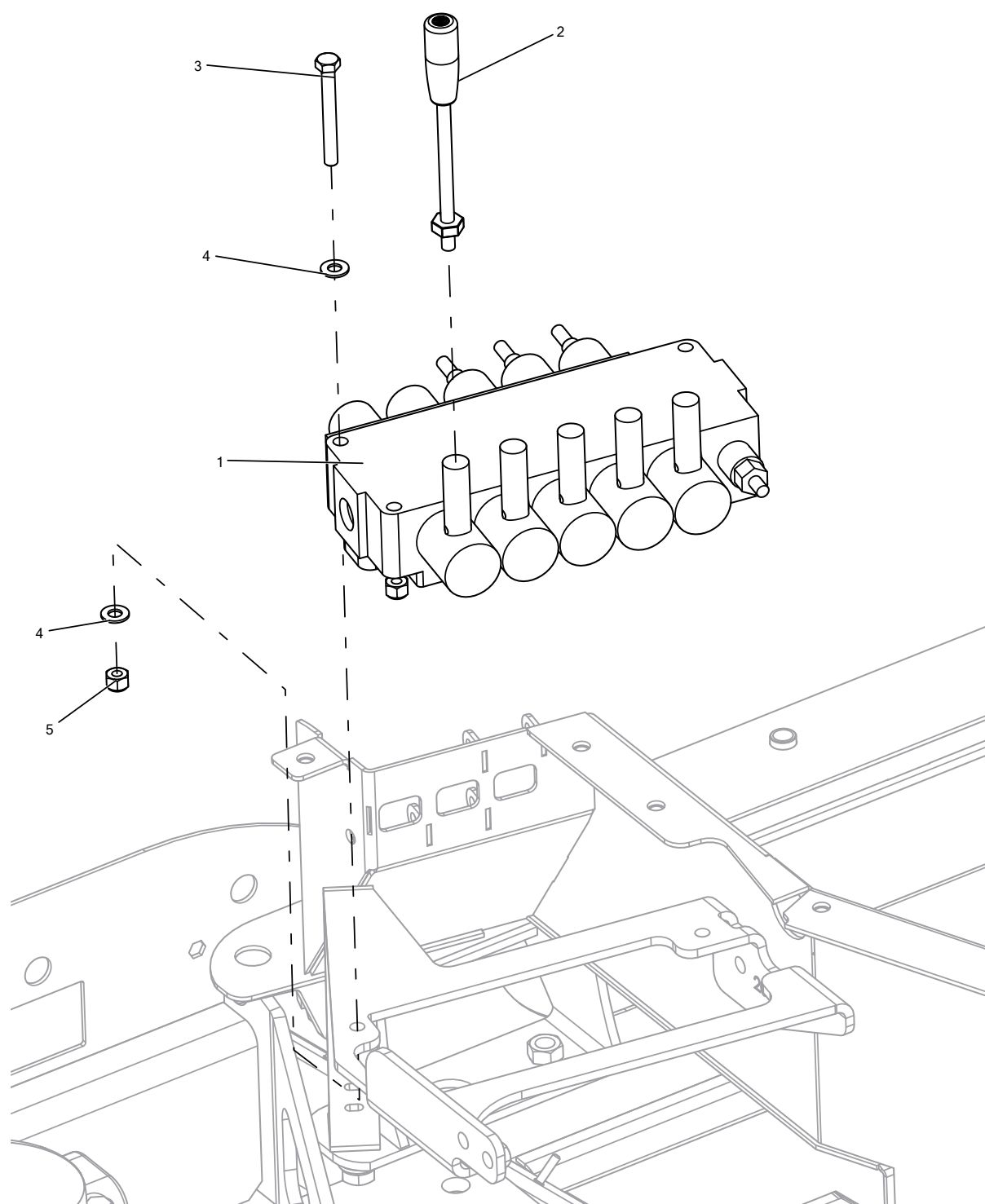


Figure 125: LM2-64-00 Service Control System - Lever Bank



Item	Part no.	Description	Qty	Notes
1	YLEVER1	HYDRAULIC LEVER BANK	1	
2	YLEVER6	REAR LEVER	5	
3	XS08070Z	M8 X 70 HEX HEAD SCREW 8.8	3	
4	XW08AZ	M8 FORM A WASHER	6	
5	XN08N	M8 NYLOC NUT	3	

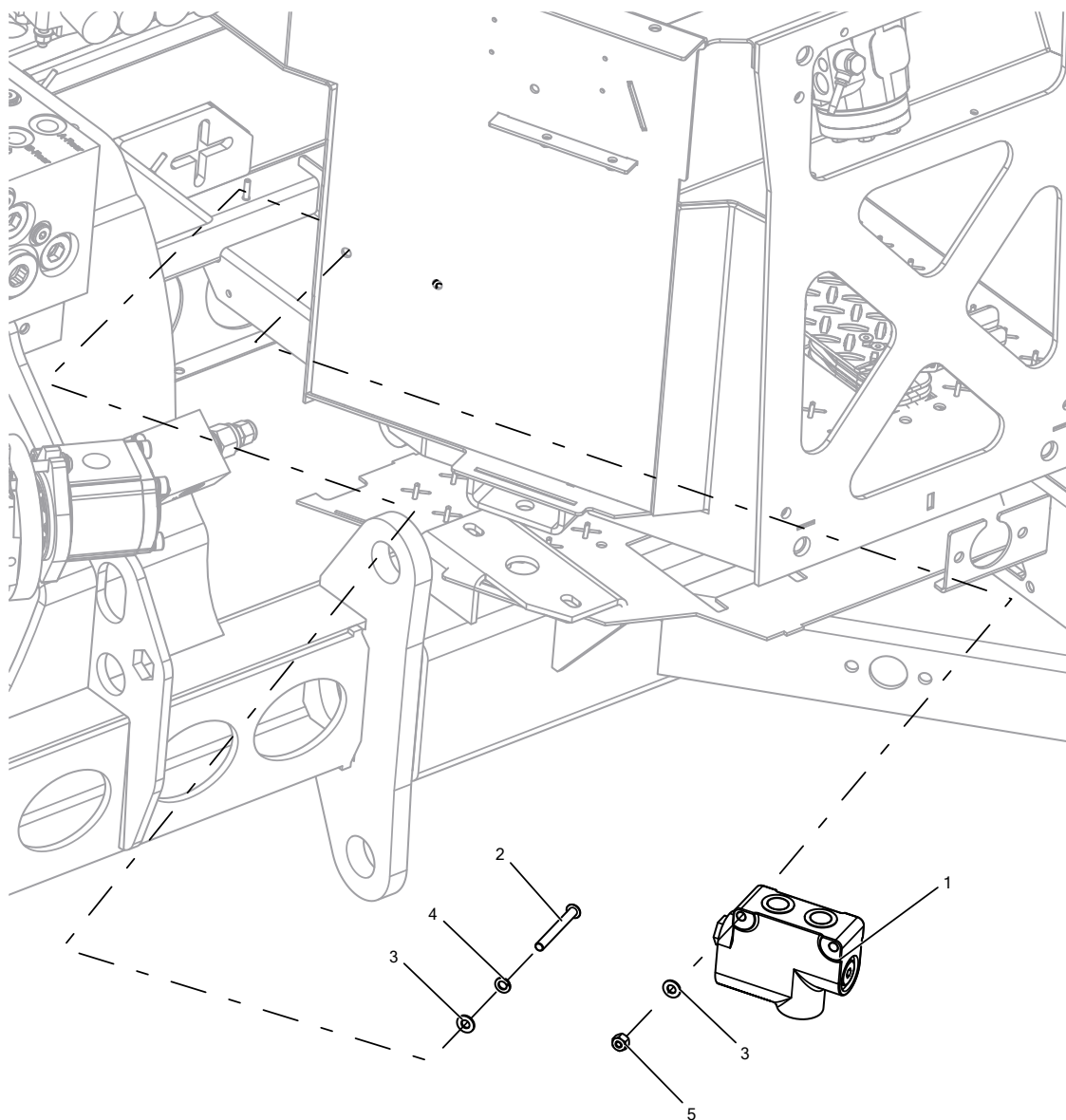


Figure 126 LM2-64-00 Service Control System - Priority Valve



Item	Part no.	Description	Qty	Notes
1	YVALVE5	PRIORITY VALVE	1	
2	XBUT08070SKTZB	M8 X 70 BUTTON HEAD SCREW 8.8	2	
3	XW08AZ	M8 FORM A WASHER	4	
4	XW08SZ	M8 SPRING WASHER	2	
5	XN08N	M8 SPRING WASHER	2	

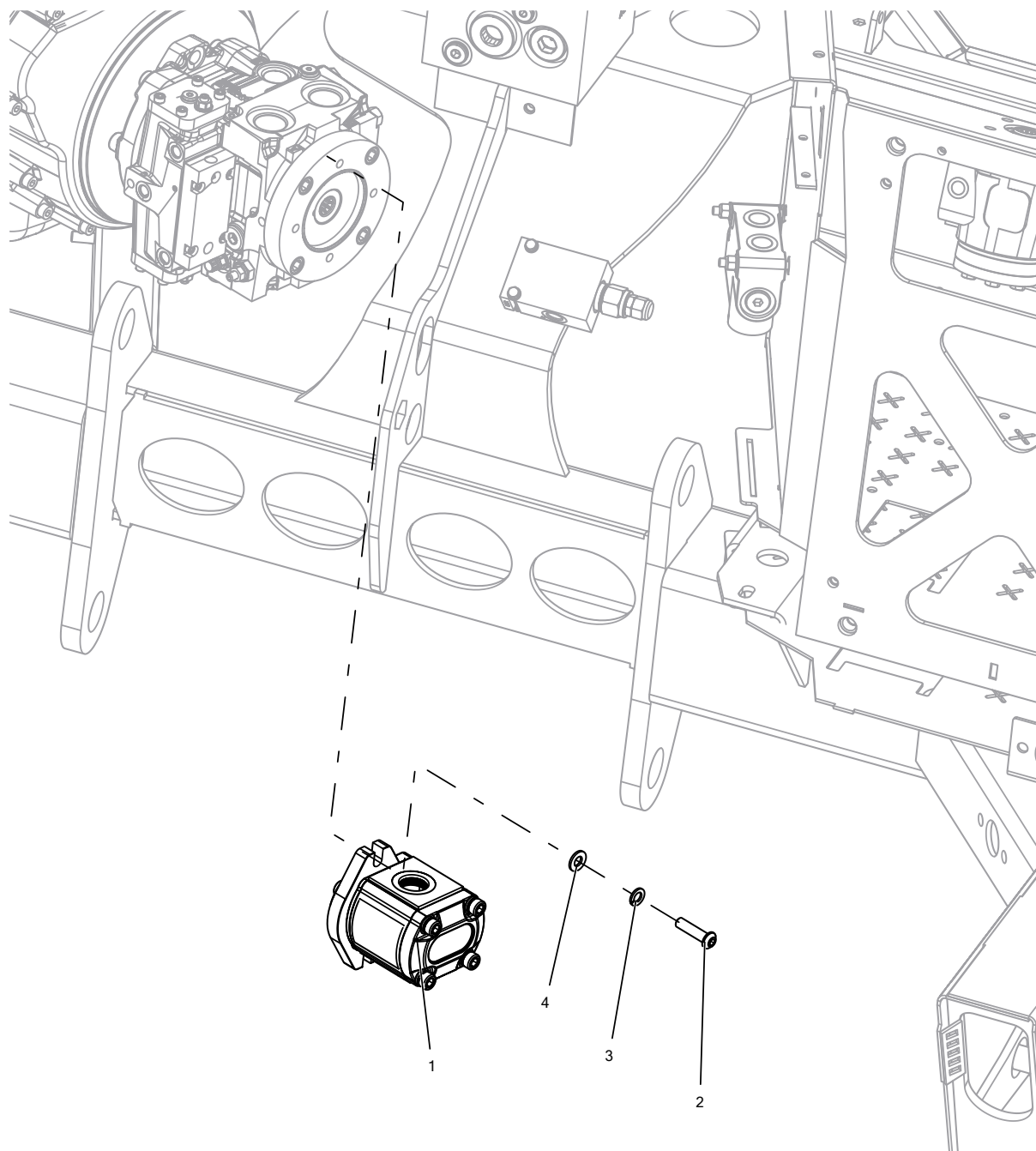


Figure 127: LM2-64-00 Service Control System - 3 Cylinder Engine Gear Pump



Item	Part no.	Description	Qty	Notes
1	YPUMP4	11cc GEAR PUMP	1	
2	XBUT10040SKTZB	M10 X 40 BUTTON HEAD SCREW 8.8	2	
3	XW10SZ	M10 SPRING WASHER	2	
4	XW10AZ	M10 FORM A WASHER	2	

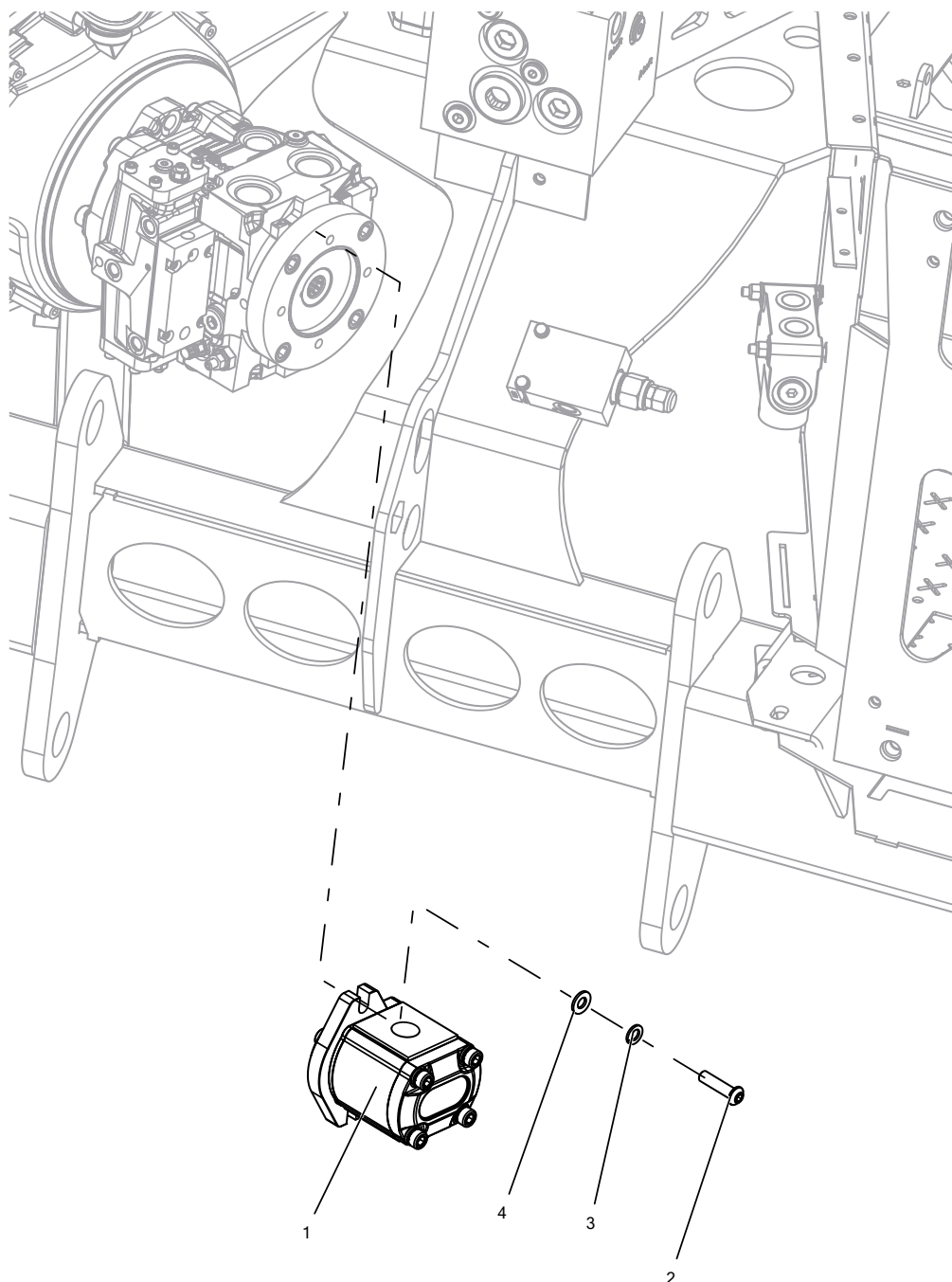


Figure 128: LM2-64-00 Service Control System - 4 Cylinder Engine Gear Pump



Item	Part no.	Description	Qty	Notes
1	YPUMP3	14CC GEAR PUMP	1	
2	XBUT10040SKTZB	M10 X 40 BUTTON HEAD SCREW 8.8	2	
3	XW10SZ	M10 SPRING WASHER	2	
4	XW10AZ	M10 FORM A WASHER	2	

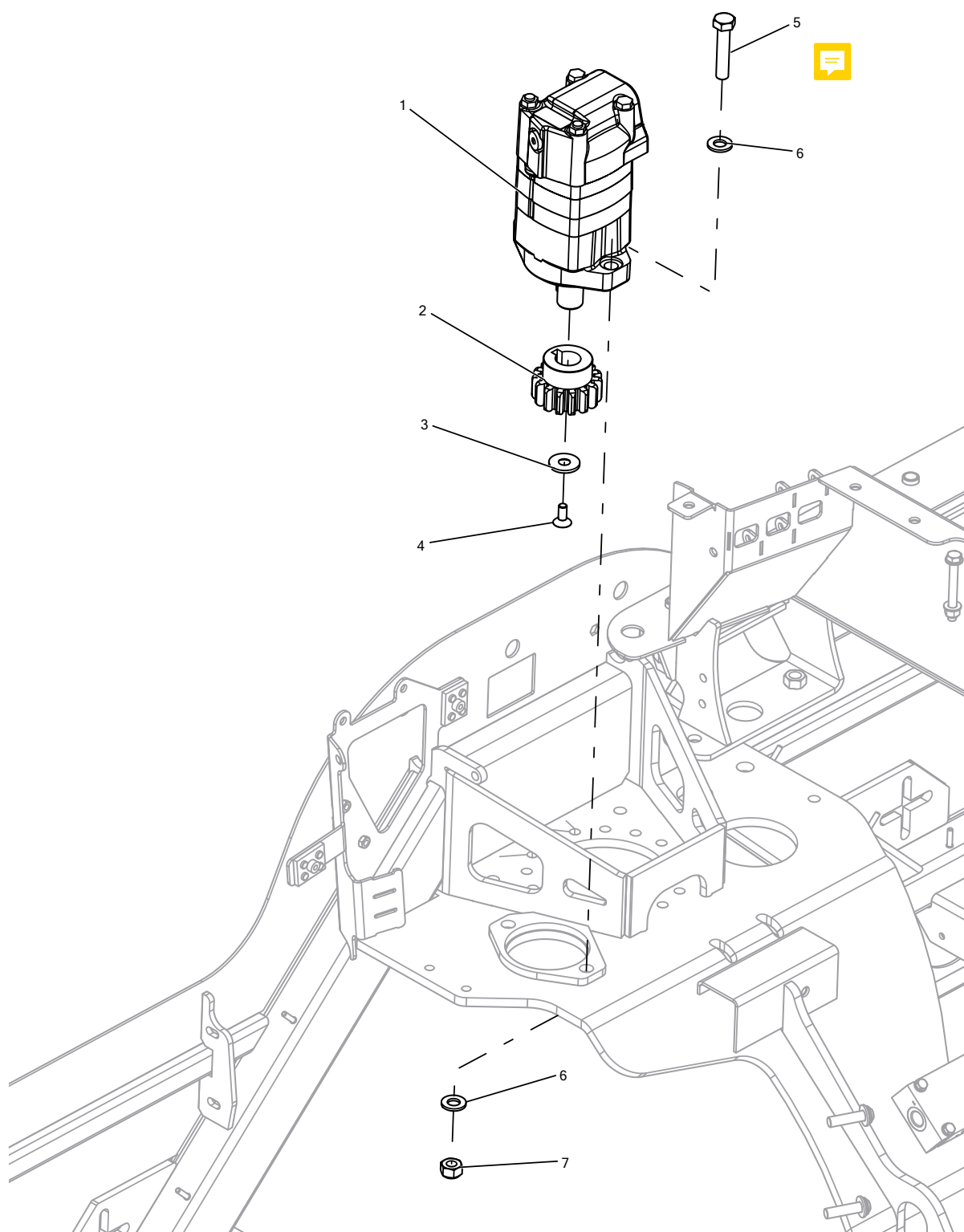


Figure 129: LM2-64-00 Service Control System - Rear Steering Motor



Item	Part no.	Description	Qty	Notes
1	YMOTOR3	REAR STEERING PUMP	1	
2	LM1-300-04	SPUR GEAR DRIVER	1	
3	LM1-100-43	SPUR GEAR RETAINING WASHER	1	
4	XCSK08020SKTZB	M8 X 20 COUNTERSUNK SCREW 8.8	1	
5	XS12060Z	M12 X 60 HEX HEAD SCREW 8.8	2	
6	XW12AZ	M12 FORM A WASHER	4	
7	XN12N	M12 NYLOC NUT	2	

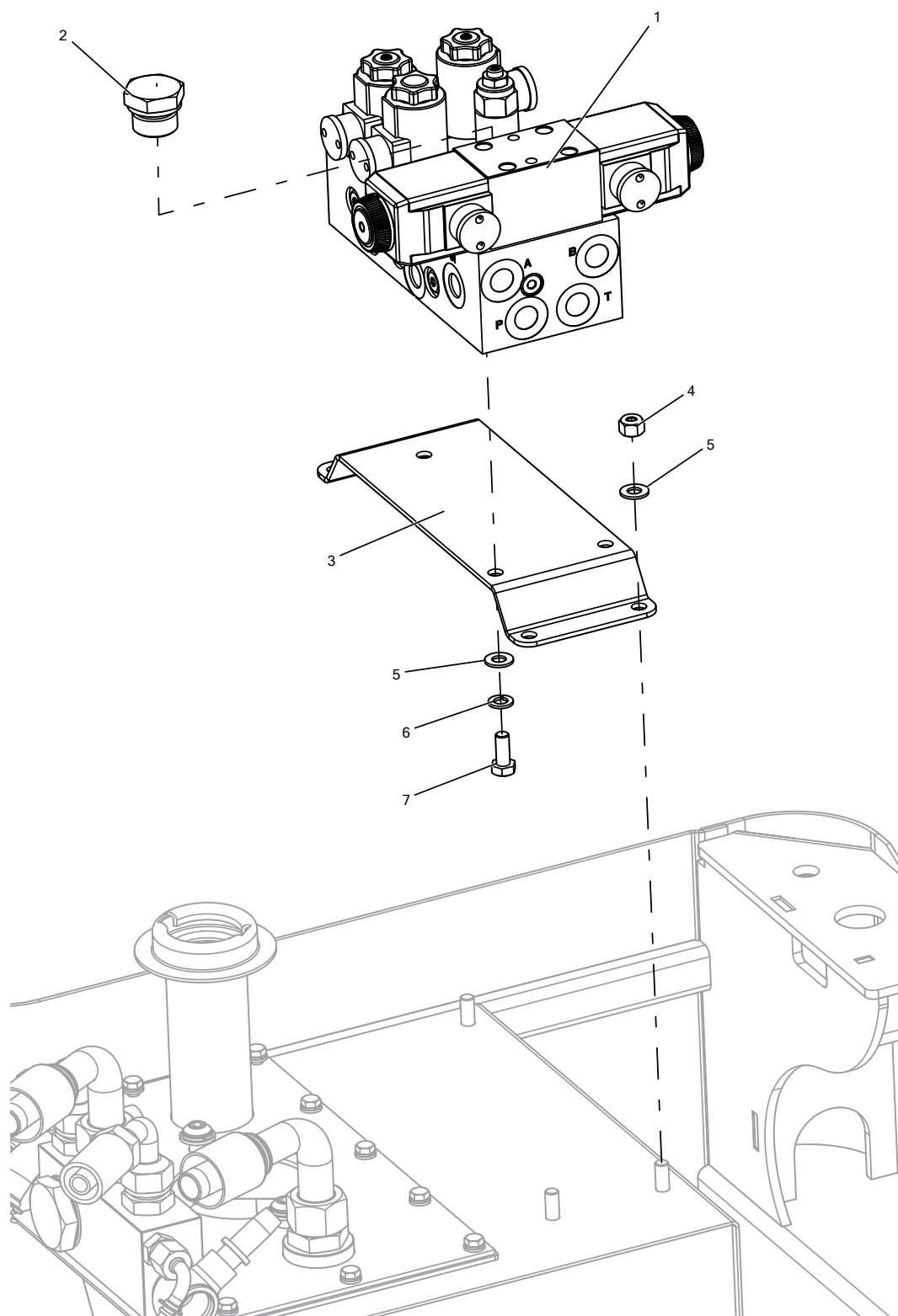


Figure 130 LM2-64-00 Service Control System - 3 and 4 Cylinder Multi-Directional detail



Item	Part no.	Description	Qty	Notes
1	YBLOCK5	4-WAY HYDRAULIC BLOCK	1	
2	3-4 BSP Blanking plug	3-4 BSP BLANKING PLUG	1	
3	LM2-606-04	YBLOCK 5 MOUNT	1	
4	XN08N	M8 NYLOC NUT	3	
5	XW08AZ	M8 FORM A WASHER	6	
6	XW08SZ	M8 SPRING WASHER	3	
7	XS08020Z	M8 X 20 HEX HEAD SCREW 8.8	3	

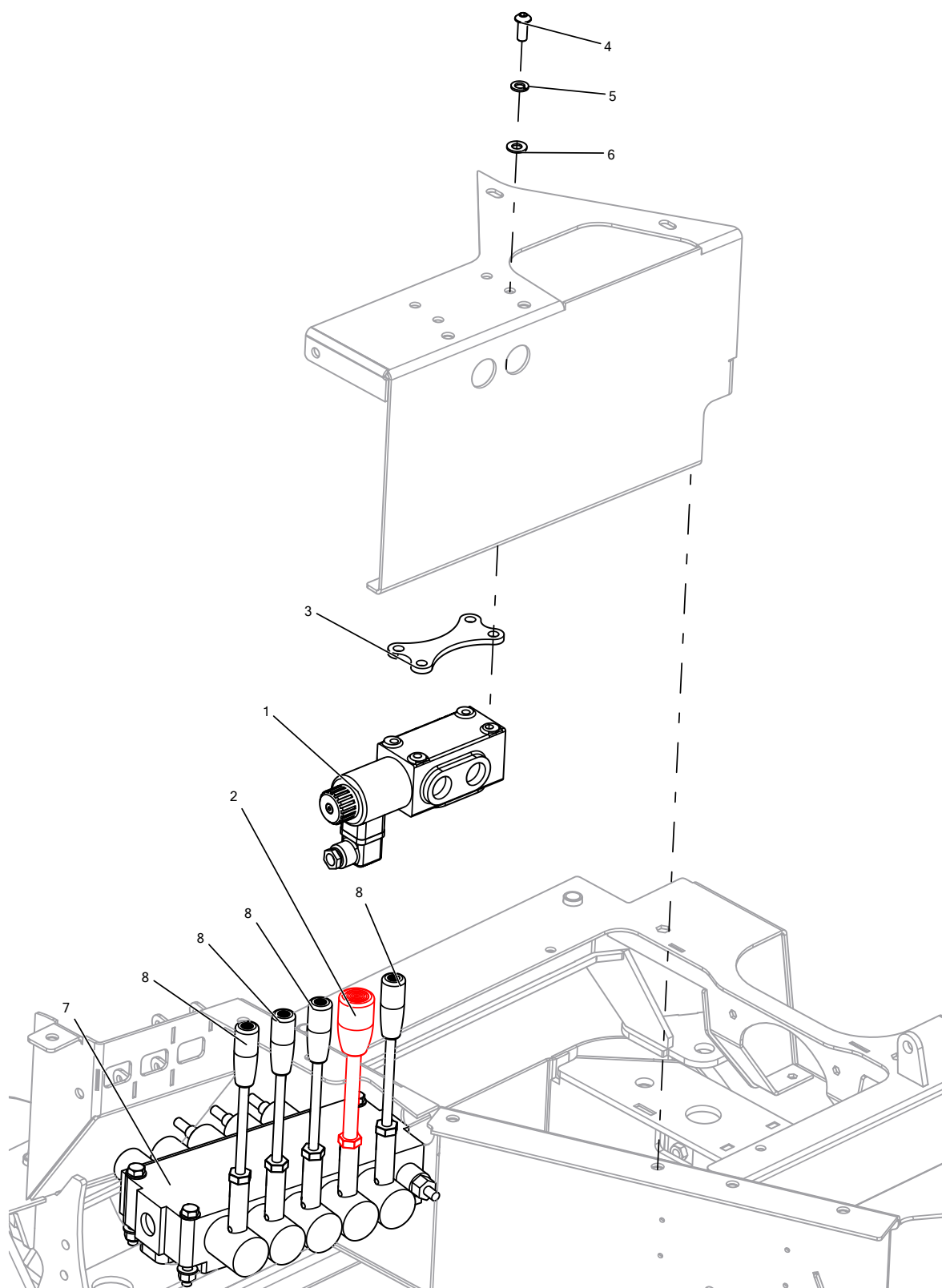


Figure 131 LM2-64-00 Service Control System - Single Auxiliary Option



Item	Part no.	Description	Qty	Notes
1	YVALVE4	4WAY CROSSOVER VALVE	1	
2	YLEVER3	LEVER WITH SWITCH (SHORT)	1	
3	LM2-500-59	SPACER - DIVERTER VALVE	1	
4	XBUT08020SKTZB	M8 X 20 BUTTON HEAD SCREW 8.8	4	
5	XW08SZ	M8 SPRING WASHER	4	
6	XW08AZ	M8 FORM A WASHER	4	
7	YLEVER1	HYDRAULIC LEVER BANK	1	
8	YLEVER6	LEVER 164 MM LONG	4	

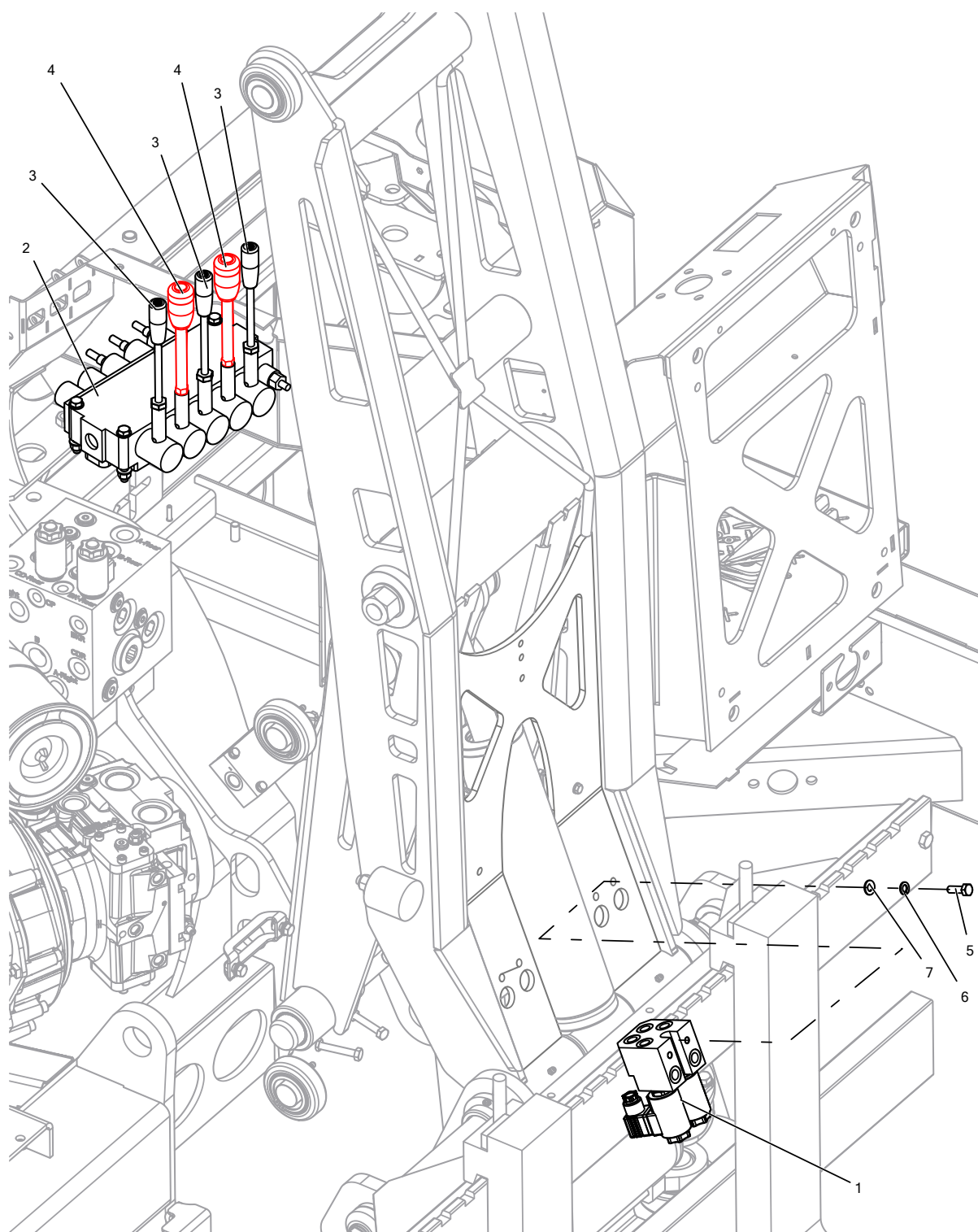


Figure 132: LM2-64-00 Service Control System - Dual Auxiliary Option

Item	Part no.	Description	Qty	Notes
1	YVALVE11	6 PORT 2 POSITION DIVERTER VALVE	2	
2	YLEVER1	HYDRAULIC LEVER BANK	1	
3	YLEVER6	REAR 825 LEVER	3	
4	YLEVER5	LEVER 164 MM LONG WITH MICRO-SWITCH	2	
5	XS08025Z	M8 X 25 HEX HEAD SCREW 8.8	4	
6	XW08SZ	M8 SPRING WASHER	4	
7	XW08AZ	M8 FORM A WASHER	4	

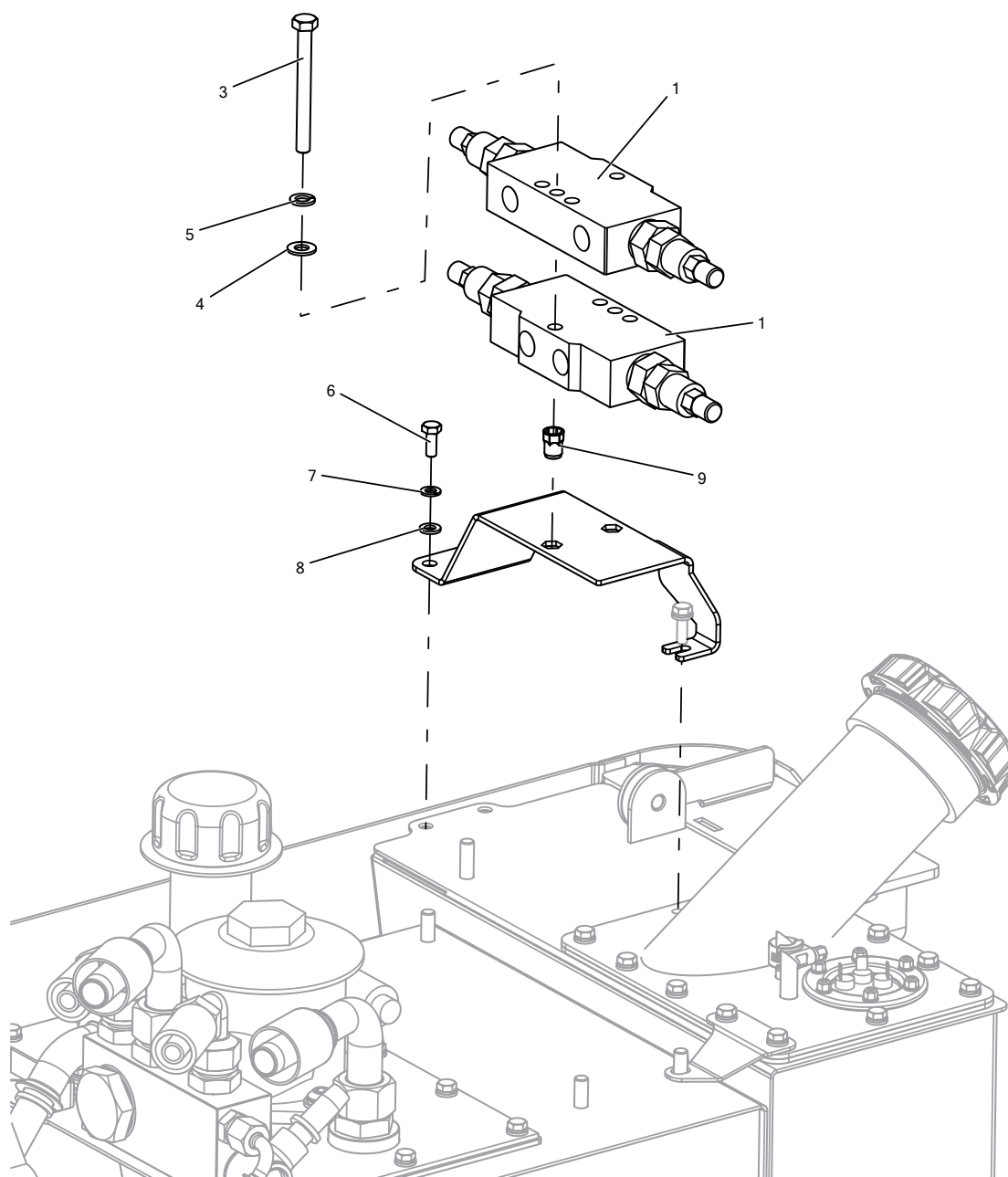


Figure 133: LM2-64-00 Service Control System - Hard Ride Option

Item	Part no.	Description	Qty	Notes
1	YVALVE21-MODIFIED	DOUBLE COUNTERBALANCE VALVE	2	
2	LM2-606-05	HARD RIDE VALVE MOUNT	1	
3	XB08080Z	M8 X 80 HEX HEAD BOLT 8.8	2	
4	XW08AZ	M8 FORM A WASHER	2	
5	XW08SZ	M8 SPRING WASHER	2	
6	XS06016Z	M6 X 16 HEX HEAD SCREW 8.8	2	
7	XW06SZ	M6 SPRING WASHER	2	
8	XW06AZ	M6 FORM A WASHER	2	
9	XNS08H	M8 HEX HEAD NUTSERT OPEN	2	

CHAPTER8: FIGURES

Figure 1: Loadmac 225 Chapters.....	2-7
Figure 2: LM2-11-00 Common Chassis – Forward View	2-10
Figure 3: LM2-11-00 Common Chassis - Rear View	2-12
Figure 4: LM2-11-00 Common Chassis - Rear Light Shroud.....	2-14
Figure 5: LM2-11-00 Chassis - Standard Bonnet Lighting Options	2-16
Figure 6: LM2-11-00 Chassis - UK Rear Lighting Options	2-18
Figure 7: LM2-11-00 Chassis - AUS Rear Lighting Option	2-20
Figure 8: LM2-11-00 Chassis - US / CANADA Number Plate and Mark Option.....	2-22
Figure 9: LM2-11-00 Chassis - US / CANADA Rear Lighting Option	2-24
Figure 10: LM2-11-00 Chassis - US / CANADA Work Lighting Option	2-26
Figure 11: LM2-31-00 Rear Wheel Assembly Common - Breakdown.....	2-29
Figure 12: LM2-31-00 Rear Wheel Assembly Common	2-30
Figure 13: LM2-41-00 Front Standard Steer Wheel Assembly with 23" Tyre - Base Spec Breakdown	2-33
Figure 14: LM2-41-00 Front RH Standard Steer Wheel Assembly with 23" Tyre	2-34
Figure 15: LM2-42-00 Front LH Standard Steer Wheel Assembly with 23" Tyre:.....	2-36
Figure 16: LM2-47-00 Front Standard Steer Wheel Assembly with 27" Tyre - Option - Breakdown.....	2-39
Figure 17: LM2-47-00 Front LH Standard Steer Wheel Assembly with 27" Tyre - Option	2-40
Figure 18: LM2-48-00 Front RH Standard Steer Wheel Assembly with 27" Tyre - Option	2-42
Figure 19: LM2-44-00 Front LH/RH Multi Directional Steer Wheel with 23" Tyres - Option - Breakdown	2-45
Figure 20: LM2-44-00 Front RH Multi-Directional Steer Assembly with 23" Tyre - Option.....	2-46
Figure 21: LM2-44-00 Front RH Multi-Directional Steer Assembly with 23" Tyre - Option.....	2-48
Figure 22: LM2-44-00 Front LH Multi-Directional Steer Assembly with 23" Tyre - Option	2-50
Figure 23: LM2-49-00 Wide Front Wheel Assembly - Option - Breakdown camera	2-55
Figure 24: LM2-49-00 LH Wide Front Wheel Assembly with 23" Tyre - Option.....	2-56
Figure 25: LM2-49-00 RH Wide Front Wheel Assembly with 23" Tyre - Option	2-58
Figure 26: LM2-22-50 - 2.6 Metre Mast Standard (S1-S2 Only) - Breakdown.....	2-61
Figure 27: LM2-22-50 - 2.6 Metre Mast Standard (Stage 1 and Stage 2 Only) - Chain Assembly	2-62
Figure 28: LM2-22-50 - 2.6 Metre Mast Standard (Stage 1 and Stage 2 Only) - Mast Assembly	2-64
Figure 29: LM2-20-50 - 3.1 Metre Mast Option (Stage 1- and Stage 2 Only) - Chain Assembly	2-66
Figure 30: LM2-20-50 - 3.1 Metre Mast Option (Stage 1 and Stage 2 Only) - Mast Assembly.....	2-68
Figure 31: LM2-21-50 - 3.6 Metre Mast option (Stage 1 and Stage 2 Only) - Chain Assembly	2-70
Figure 32: LM2-21-50 - 3.6 Metre Mast Option (Stage 1 and Stage 2 Only) - Mast Assembly.....	2-72
Figure 33: LM2-23-50 - 2.4 Metre Mast option (Stage 1 and Stage 2 Only) - Chain Assembly	2-74
Figure 34: LM2-23-50 - 2.4 Metre Mast Option (S1-S2 Only) - Mast Assembly	2-76
Figure 35: LM2-22-50 2.6 Metre Mast - Auxiliary Option 1	2-78
Figure 36: LM2-22-50 2.6 Metre Mast - Auxiliary Option 2	2-80
Figure 37: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly - Breakdown	2-83
Figure 38: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (1 of 4).....	2-84
Figure 39: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (Sheet 2 of 4)	2-86
Figure 40: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (Sheet 3 of 4)	2-88
Figure 41: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (Sheet 4 of 4)	2-90
Figure 42: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Single Auxiliary - Front	2-92
Figure 43: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Single Auxiliary - Rear	2-94
Figure 44: LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Telescopic Forks Option.....	2-96
Figure 45: LM2-26-00 Fork Position Carriage Option (Sheet 1).....	2-98
Figure 46: LM2-26-00 Fork Position Carriage Option (Sheet 2).....	2-100
Figure 47: LM2-55-00 Cab Assembly.....	3-104
Figure 48: LM2-55-00 – Lower cab	3-105
Figure 49: LM2-55-00 - LOWER CAB DETAIL.....	3-106
Figure 50: LM2-55-00 – Mid Cab	3-109
Figure 51: LM2-55-00 – Mid Cab Detail	3-110
Figure 52: LM2-55-00 – Top Frame	3-115
Figure 53: LM2-55-00 – Top Frame Detail	3-116
Figure 54: LM2-55-00 - Switches and Switch Guard	3-119
Figure 55: LM2-55-00 – Switches and Switch Guard Detail	3-120
Figure 56: LM2-55-00 Rear Lever Assembly.....	3-122
Figure 57: LM2-55-00 Seats and Rear Lever Bank	3-125
Figure 58: LM2-55-00 – Suspension Seat.....	3-126
Figure 59: LM2-55-00 Comfort Seat.....	3-128
Figure 60: LM2-55-00 – Rear Lever Bank Lid	3-130
Figure 61: LM2-55-00 Beacon and Indicator Lights.....	3-132
Figure 62: LM2-55-00 Halogen Light Standard	3-135
Figure 63: LM2-55-00 Halogen Light Standard - Front.....	3-136
Figure 64: LM2-55-00 Halogen Light Standard - Top	3-138

Figure 65: LM2-55-00 Halogen Light Standard - Side	3-140
Figure 66: LM2-55-00 Halogen Light Options	3-143
Figure 67: LM2-55-00 Halogen Light Options – LH Side	3-144
Figure 68 LM2-55-00 Halogen Light Options - Side	3-146
Figure 69 LM2-55-00 LED Light Standard.....	3-148
Figure 70: LM2-55-00 LED Light Options.....	3-149
Figure 71 LM2-55-00 Multi-Directional Switches and warning light option	3-150
Figure 72: LM2-55-00 Safe Working Load Gauge Option.....	3-151
Figure 73 LM2-55-00 Marker Light Option	3-152
Figure 74 LM2-60-00 Kubota 3 Cylinder Engine Powertrain Layout	4-154
Figure 75: LM2-60-00 Kubota 3 Cylinder Engine Powertrain Assembly detail	4-155
Figure 76: LM2-62-00 Fuel System Breakdown	4-157
Figure 77: LM2-62-00 Fuel System Breakdown 2	4-158
Figure 78: LM2-62-00 Fuel System Breakdown 3	4-160
Figure 79: LM2-500-80 Engine Throttle System.....	4-162
Figure 80 LM2-500-80 Engine Throttle System - under cab	4-163
Figure 81: LM2-500-80 Engine Throttle System – Breakdown	4-164
Figure 82: LM2-60-00 3 Cylinder Engine.....	4-167
Figure 83: LM2-60-00 3 Cylinder Engine fuel pipe connections.....	4-168
Figure 84: LM2-60-00 3 Cylinder Engine throttle system connection.....	4-169
Figure 85: LM2-60-00 3 Cylinder Engine throttle system connection detail	4-170
Figure 86: LM2-60-00 3 Cylinder Engine – mounting	4-172
Figure 87: LM2-60-00 3 Cylinder Engine – Exhaust System	4-174
Figure 88: LM2-60-00 3 Cylinder Engine - Flywheel Housing and Air Filter Mount	4-176
Figure 89: LM2-60-00 3 Cylinder Engine Radiator assembly	4-179
Figure 90 LM2-60-00 3 Cylinder Engine Radiator assembly detail	4-180
Figure 91: LM2-60-00 3 Cylinder Engine Radiator assembly pipework	4-182
Figure 92: LM2-60-00 3 Cylinder Engine Radiator assembly pipework 2.....	4-184
Figure 93: LM2-60-00 3-cylinder engine service items	4-186
Figure 94: LM2-60-20 KUBOTA 4 Cylinder Powertrain Layout.....	4-188
Figure 95 LM2-60-20 KUBOTA 4 Cylinder Powertrain Layout 2	4-189
Figure 96: LM2-60-20 4 Cylinder Engine.....	4-191
Figure 97 LM2-60-20 4 Cylinder Engine - fuel pip connections	4-192
Figure 98: LM2-60-20 4 Cylinder Engine - throttle system connections.....	4-193
Figure 99 LM2-60-20 4 Cylinder Engine - mounting.....	4-194
Figure 100: LM2-60-20 4 Cylinder Engine - exhaust system	4-196
Figure 101: LM2-60-20 4 Cylinder Engine - Flywheel Housing and Air Filter.....	4-198
Figure 102: LM2-60-20 4 Cylinder Engine Radiator assembly.....	4-201
Figure 103: LM2-60-20 4 Cylinder Engine Radiator assembly detail	4-202
Figure 104: LM2-60-20 4 Cylinder Engine Radiator Fan Assembly	4-204
Figure 105: LM2-60-20 4 Cylinder Engine Radiator assembly pipework.....	4-206
Figure 106 LM2-60-20 4-cylinder engine service items	4-208
Figure 107 LM2-61-00 Hydraulic Oil Tank Standard - Breakdown.....	5-211
Figure 108: LM2-61-00 Hydraulic Oil Tank - Standard	5-212
Figure 109: LM2-61-00 Hydraulic Oil Tank - Multi-directional Option.....	5-214
Figure 110 LM2-63-00 Drive Control System - 3 Cylinder Standard Steer Drive – Breakdown	6-218
Figure 111 LM2-63-00 Drive Control System - 4 Cylinder Standard Steer Drive – Breakdown	6-220
Figure 112: LM2-63-00 Drive Control System - 3 Cylinder Multi-Directional Steer Drive – Breakdown	6-222
Figure 113: LM2-63-00 Drive Control System - 4 Cylinder Multi-Directional Steer Drive – Breakdown	6-224
Figure 114: LM2-63-00 Drive Control – Foot Pedal.....	6-226
Figure 115 LM2-63-00 Drive Control System - 3 Cylinder Engine Manifold	6-228
Figure 116: LM2-63-00 Drive Control System - 4 Cylinder Engine Manifold	6-230
Figure 117: LM2-63-00 Drive Control System - 3 Cylinder Engine Pump	6-232
Figure 118 LM2-63-00 Drive Control System - 4 Cylinder Engine Pump	6-234
Figure 119 LM2-63-00 Drive Control System - 3 Cylinder Engine - Valve	6-236
Figure 120 LM2-64-00 Service Control System - 3 Cylinder Standard	7-240
Figure 121: LM2-64-00 Service Control System - 4 Cylinder Standard	7-242
Figure 122: LM2-64-00 Service Control System - Steering pump.....	7-244
Figure 123: LM2-64-00 Service Control System - Lever Bank.....	7-246
Figure 124 LM2-64-00 Service Control System - Priority Valve.....	7-248
Figure 125: LM2-64-00 Service Control System - 3 Cylinder Engine Gear Pump.....	7-250
Figure 126: LM2-64-00 Service Control System - 4 Cylinder Engine Gear Pump.....	7-252
Figure 127: LM2-64-00 Service Control System - Rear Steering Motor.....	7-254
Figure 128 LM2-64-00 Service Control System - 3 and 4 Cylinder Multi-Directional detail	7-256
Figure 129 LM2-64-00 Service Control System - Single Auxiliary Option	7-258
Figure 130: LM2-64-00 Service Control System - Dual Auxiliary Option.....	7-260
Figure 131: LM2-64-00 Service Control System - Hard Ride Option	7-262

CHAPTER9: INDEX OF PART NUMBERS

PART NUMBER	DESCRIPTION	PAGE NUMBERS
15000-36931	AIR FILTER BAND	4-177 4-187
15224-43013	FUEL FILTER	4-161
15263-12370	EXHAUST GASKET 4 - BOLT	4-197
15313-12370	EXHAUST GASKET 2 - BOLT	4-175 4-197
16212-73260	THERMOSTATE COVER 3CYL	4-187
16212-73266	THERMOSTATE COVER 4CYL	4-209
16222-83041	TEMPERATURE SWITCH 3CYL	4-187
16241-12313	EXHAUST MANIFOLD 4CYL	4-209
16241-64422	ALTERNATOR STAY 3CYL	4-187
16264-12311	EXHAUST MANIFOLD 3CYL	4-187
16271-32092	OIL FILTER 4CYL	4-209
16271-32093	OIL FILTER 3CYL	4-187
16282-97011	AUXILIARY BELT 3CYL	4-187
16285-7411-0 FAN	RADIATOR FAN 4CYL	4-205
16611-6301-0	STARTER MOTOR 4CYL	4-209
16611-63013-1	STARTER MOTOR 3CYL	4-187
16614-2501-2	FLYWHEEL ASSEMBLY 4CYL	4-209
16614-43003	SEDIMENTOR	4-161
16615-64422	ALTERNATOR STAY 4CYL	4-209
1661611013_05	AIR FILTER CANISTER 3CYL	4-177
16616-11013_05	AIR FILTER CANISTER 3CYL	4-187
1661711002_M	AIR FILTER CANISTER 4CYL	4-199
16617-11002_M	AIR FILTER CANISTER 4CYL	4-209
1720852031 F pump	FUEL PUMP	4-161
17456-36412	DIP STICK 4CYL	4-209
19077-72092	HEADER TANK 4CYL	4-185 4-207
19077-72092_RT02	HEADER TANK 3CYL	4-185
19630-64015	ALTERNATOR 60 A	4-187 4-209
1G34772061	RADIATOR 3CYL	4-181 4-183 4-185
1G900-25011	FLYWHEEL ASSEMBLY 3CYL	4-187
1G900-36411	DIP STICK 3CYL	4-187
1G902-00000	AUXILIARY BELT 4CYL	4-209
3-4 BSP Blanking plug	3/4" BSP BLANKING PLUG	7-257
34070-16031	RADIATOR CUSHION	4-159 4-181 4-203
3J0167	ACCELERATOR SPRING	4-165
FAN ASSEMBLY	FAN ASSEMBLY 4CYL	4-203
LL10026	REAR LEVER SPACER BOSS	3-123
LM1-100-43	SPUR GEAR RETAINER WASHER - REAR STEER MOTOR	7-255
LM1-204-01	HOSE ROLLER - 6 BERTH	2-63 2-67 2-71 2-75
LM1-210-02	TILT CYLINDER	2-89



LM1-210-12	RETAINING WASHER	2-87
LM1-218-03	SIDE SHIFT PIN	2-87
LM1-300-01	SLEWING RING SPACER	2-31
LM1-300-03	SLEWING RING BEARING	2-31
LM1-300-04	SPUR GEAR DRIVER - REAR STEER MOTOR	7-255
LM1-500-12	SWITCH GUARD	3-121
LM1-500-25	CAB MOUNT BAR	3-107
LM1-504-00	CAB MOUNT WASHER	3-107
LM1-505-00	ARM REST/GUARD	3-117
LM2-100-98	RADIATOR STRUT TOP	4-181 4-203
LM2-101-15	COOLANT HOSE TOP 3CYL	4-183
LM2-101-16	COOLANT HOSE BOTTOM 3CYL	4-183
LM2-101-25	DIESEL FUEL TANK MOUNT	4-159
LM2-101-38	DIESEL FUEL TANK GASKET	4-159
LM2-101-40	FAN SHROUD 3CYL	4-181
LM2-101-49	BANJO HOUSING 1"	6-233 6-235
LM2-103-06	RADIATOR STRUT RH 3CYL	4-181 4-185
LM2-103-10	RADIATOR STRUT RH 4CYL	4-203
LM2-103-20	RADIATOR MOUNTING FRAME 3CYL	4-181
LM2-103-38	RADIATOR SUPPORT BRACKET 4CYL	4-203
LM2-103-39	RADIATOR SUPPORT FRAME 4CYL	4-203
LM2-103-47	COOLING FAN BOSS 4CYL	4-205
LM2-103-49	RADIATOR HOSE TOP LONG 4CYL	4-207
LM2-103-50	RADIATOR HOSE TOP SHORT 4CYL	4-207
LM2-103-51	RADIATOR HOSE BOTTOM 4CYL	4-207
LM2-103-56	RADIATOR SHROUD 4CYL	4-205
LM2-103-66	RADIATOR MOUNT RAIL 3CYL	4-181
LM2-103-71	COOLANT HOSE TOP MOUNT 4CYL	4-207
LM2-103-72	OIL COOLER HOSE RETAINER	4-203
LM2-104-05	AIR FILTER CANISTER BRACKET 4CYL	4-199
LM2-106-01	AIR FILTER CANISTER BRACKET 3CYL	4-177
LM2-108-01	ENGINE MOUNT FRONT RIGHT	4-173
LM2-110-01	REAR RIGHT ENGINE MOUNT	4-173
LM2-114-00	ENGINE MOUNT	4-173 4-195
LM2-115-00	ENGINE MOUNT 2	4-173 4-195
LM2-16-00	COOLING SYSTEM 4CYL	4-189
LM2-17-00	COOLING SYSTEM 3CYL	4-155
LM2-200-13	LONG LINK PIN CAP	2-89
LM2-200-18	MAST FIXING BOSS	2-65 2-69 2-73 2-77
LM2-200-19	MAST FIXING BOSS CAP	2-65 2-69 2-73 2-77
LM2-200-20	HOSE ROLLER - 2 BERTH	2-79
LM2-200-22	CARRIAGE ROLLER KEEPER PLATE	2-87
LM2-200-23	REACH FORKS FLOW SPLITTER MANIFOLD	2-97



LM2-206-00	TILT FRAME	2-87
LM2-209-00	PANTOGRAPH PIVOR - X-TUBE	2-89
LM2-209-01	PANTOGRAPH BEARING SPACER	2-89
LM2-209-02	PANTOGRAPH SPINDLE PIVOT	2-89
LM2-209-04	ISR PIVOT WASHER	2-89
LM2-210-04	REACH CYLINDER	2-91
LM2-210-05	MAST 2.6M LIFT CYLINDER	2-65
LM2-210-06	MAST 3.1M LIFT CYLINDER	2-69
LM2-210-07	MAST 3.6M LIFT CYLINDER	2-73
LM2-210-08	MAST 2.4M LIFT CYLINDER	2-77
LM2-210-09	SIDE SHIFT CYLINDER	2-87
LM2-210-12	FORK POSITION CYLINDER	2-101
LM2-210-30	TILT CYLINDER UPPER LINK	2-89
LM2-210-35	STABILIZER CYLINDER	2-41 2-43 2-49 2-53
LM2-210-37	MULTI-DIRECTIONAL CYLINDER LH	2-51
LM2-210-38	MULTI-DIRECTIONAL STEERING CYLINDER	2-47
LM2-211-00	LINK PIN SHORT LOWER - IR ARM	2-85
LM2-212-00	IR SHORT TO TILT CYLINDER PIN ASSEMBLY	2-89
LM2-214-04	MAST AUXILIARY CHAIN ROLLER PIN	2-79
LM2-215-00	TILT-PIN ASSEMBLY	2-87
LM2-216-03	FORK CARRIAGE PIVOT PIN	2-91
LM2-216-04	CARRIAGE PIN END	2-91
LM2-218-03	HOSE CLAMP 6-BERTH	2-65 2-69 2-73 2-77 2-85
LM2-218-05	HOSE CLAMP 2-BERTH	2-79 2-95
LM2-218-13	HOSE CLAMP 8-BERTH ANGLED	2-65 2-69 2-73 2-77
LM2-218-20	HOSE CLAMP 8-BERTH STRAIGHT	2-65 2-69 2-73 2-77
LM2-221-00	FORK CARRIAGE	2-91
LM2-223-00	IR ARM LONG	2-85
LM2-224-00	IR SHORT LINK	2-89
LM2-237-00	MAST 3.6M STAGE 2	2-71
LM2-240-19	LIFT CYLINDER CLAMP	2-65 2-69 2-73 2-77
LM2-241-00	MAST 3.1M STAGE 1	2-69
LM2-244-00	MAST 3.6M STAGE 1	2-73
LM2-246-00	MAST 3.1M STAGE 2	2-67
LM2-251-00	MAST 3RD STAGE	2-85
LM2-256-00	MAST 2.6M STAGE 2	2-63
LM2-261-00	MAST 2.6M STAGE 1	2-65
LM2-266-00	MAST 2.4M STAGE 2	2-75
LM2-271-00	MAST 2.4M STAGE 1	2-77
LM2-300-11	STEERING SLEWING RING BEARING LIMITER	2-31
LM2-300-20	9-12 MM EDGE TRIUM 100 MM LONG (YSEALSTRIP40)	2-31
LM2-302-00	STEERING WHEEL FRAME	2-31
LM2-416-00	STABILIZER PIN	2-41 2-43 2-49 2-53

LM2-416-03	STABILIZER FOOT	2-41 2-43 2-49 2-53
LM2-417-18	9-12 MM EDGE TRIM 200 MM LONG (YSEALSTRIP40)	2-41 2-43
LM2-417-20	WHEEL PLATE FRONT 27"	2-41
LM2-418-00	WHEEL PLATE 23" FRONT RH	2-43
LM2-418-15	WHEEL PLATE COVER RH	2-41 2-43
LM2-440-00	WHEEL BEARING ARM WHEEL PLATE LH	2-51
LM2-440-09	LOAD REST CHANNEL RH	2-47
LM2-44-01	STABILIZER PIN	2-41 2-43 2-49 2-53
LM2-440-13	LOAD REST CHANNEL LH	2-51
LM2-440-15	LOAD REST WOODEN PLANK	2-47 2-51
LM2-440-16	15-17MM EDGE TRIM 216 MM LONG (YSEALSTRIP39)	2-49 2-53
LM2-440-19	LOADREST HINGE BRACKET	2-49
LM2-44-02	STABILIZER LOWER PIN	2-41 2-43 2-49 2-53
LM2-440-23	LOADREST LOCATING WASHER	2-53
LM2-44-03	BEARING HOUSING CAP	2-47 2-51
LM2-440-30	LOADREST HINGE BRACKET	2-53
LM2-44-07	BEARING TAPERED RETAINING WASHER	2-47 2-51
LM2-441-00	WHEEL BEARING ARM WHEEL PLATE RH	2-47
LM2-442-00	MULTI-DIRECTIONAL WHEEL MOTOR PLATE LH 23"	2-53
LM2-443-00	MULTI-DIRECTIONAL WHEEL MOTOR PLATE 23"	2-49
LM2-446-00	MULTI-DIRECTIONAL LINK ARM	2-51
LM2-447-00	MULTI DIRECTIONAL LINK ARM RH	2-49
LM2-448-00	MULTI-DIRECTIONAL LINK ARM LONG	2-49 2-53
LM2-449-00	MULTI-DIRECTIONAL LINK ARM SHORT	2-49 2-53
LM2-500-02	ACCELERATOR PEDAL	4-165
LM2-500-03	THROTTLE PEDAL SHAFT	4-165
LM2-500-10	CAB COMFORT SEAT TILT PLATE	3-129
LM2-500-100	CAB ROOF GLASS	3-117
LM2-500-13	CAB SEAT TILT PLATE	3-127
LM2-500-33	REAR LEVER LINK	3-123
LM2-500-46	THROTTLE RELAY PLATE	4-165
LM2-500-50	THROTTLE RELAY	4-165
LM2-500-53	LEVER BANK COVER HINGE PLATE	3-131
LM2-500-55	CAB MOUNT SAFETY WASHER	3-107
LM2-500-59	DIVERER VALVE SPACER	7-259
LM2-500-61	THROTTLE LINKAGE	4-165
LM2-500-68	TILT LEVER LINK	3-123
LM2-500-69	LIFT / REAR LEVER LINK	3-123
LM2-500-72	2-4 MM EDGE TRIM 50 MM LONG (YSEALSTRIP30)	3-131
LM2-500-80	ENGINE THROTTLE ASSEMBLY	4-155 4-162 4-163 4-164 4-189
LM2-501-21	CAB HOSE RETAINER	3-107
LM2-516-00	CAB - SAFE WORKING LOAD GAUGE	3-151
LM2-520-03	SEAT BELT REEL MOUNT	3-129



LM2-550-20	FUEL FILLER NOZZLE PLATE	3-113
LM2-550-30	FRONT CAB PANEL	3-111
LM2-550-40	CAB SWITCH ACCESS PANEL	3-121
LM2-550-50	LIGHT OPTION FRONT - BRACKET	3-145
LM2-551-00	CAB - LOWER WELD ASSEMBLY	3-107
LM2-552-00	CAB - UPPER WELD ASSEMBLY	3-117
LM2-553-00	CAB SHELF ASSEMBLY	3-111
LM2-554-00	CAB REAR HOOP	3-117
LM2-556-00	SCUTTLE PANEL	3-111
LM2-557-00	CAB SAFETY MESH AND SWITCH BOARD	3-121
LM2-557-60	CAB DIAL PLATE	3-121
LM2-558-00	CAB REAR LEVER COVER VERSION 2	3-131
LM2-559-00	LEVER BANK SUPPORT	3-111
LM2-600-00	ENGINE 3CYL	4-153 4-154 4-155 4-167 4-168 4-169 4-170 4-171 4-172 4-174 4-176 4-177 4-179 4-180 4-182 4-184 4-186
LM2-600-01	THROTTLE CABLE	4-165 4-171
LM2-600-02	DIESEL FUEL TANK BRACE	4-159
LM2-600-04	DIESEL FUEL HOSE 14MM - 1407 MM LONG	4-159 4-161
LM2-600-05	DIESEL FUEL HOSE 14MM - 60 MM LONG	4-161
LM2-600-06	DIESEL FUEL HOSE - 14MM - 167 MM LONG	4-161
LM2-600-07	DIESEL FUEL HOSE 14MM - 570 MM LONG	4-161
LM2-600-08	HOSE 14MM - 1828 MM LONG	4-159
LM2-601-00	HYDRAULIC OIL TANK	5-213
LM2-601-12	HYDRAULIC OIL TANK GASKET	5-213
LM2-601-20	HYDRAULIC OIL TANK BULKHEAD	5-213
LM2-602-00	DIESEL FUEL TANK	4-159
LM2-602-01	DIESEL FUEL FILLER BULKHEAD	4-159
LM2-602-13	DIESEL FUEL TANK SUPPORT	4-159
LM2-604-00	ENGINE 4CYL	4-189
LM2-605-37	EXHAUST DOWNPIPE 3CYL	4-175
LM2-605-38	EXHAUST DOWNPIPE 4CYL	4-197
LM2-605-39	EXHAUST SILENCER	4-175 4-197
LM2-606-03	HYDRAULIC OIL TANK 6 PORT COMBI MANIFOLD	5-215
LM2-606-04	4-WAY HYDRAULIC BLOCK MOUNT	7-257
LM2-606-05	HARD RIDE VALVE MOUNT	7-263
LM2-607-00	RADIATOR COMBI 4CYL	4-205
LM2-607-01	THERMAL SWITCH HOUSING 3CYL	4-183
LM2-62-00	DIESEL FUEL SYSTEM	4-155 4-157 4-158 4-160 4-189
WFLG_1G90200000	WATER FLANGE AND THERMOSTAT	4-209
YBALLJOINT2	THROTTLE LINKAGE BALL JOINT	4-165
YBEACON10	BEACON LIGHT - COMBO ON DASHBOARD	3-150
YBEACON6	LIGHT - BEACON ORANGE	3-117

YBEARING18	MAST 48 MM SEALED ROLLER BEARING	2-63 2-67 2-71 2-75 2-79
YBEARING19	MAST-STRAIGHT BEARING SET	2-87
YBEARING21	IR SHORT TO LONG DOUBLE ROW ANGULAR CONTACT BEARING	2-89
YBEARING23	MAST 78 MM TAPER BEARING	2-65 2-69 2-73 2-77 2-85
YBEARING32	BEARING TAPERED BOTTOM BEARING 33112	2-47 2-51
YBEARING33	BEARING TAPERED	2-47 2-51
YBEARING7	MAST PARALLEL BEARING	2-63 2-67 2-71 2-75 2-85
YBLOCK2	DIFFERENTIAL LOCK HYDRAULIC	6-219 6-221 6-229
YBLOCK4	MULTI-DIRECTIONAL HYDRAULIC DIFF BLOCK	6-223 6-225 6-231
YBLOCK5	MULTI-DIRECTIONAL HYDRAULIC BLOCK	7-257
YBUFFER1	BUFFER	2-49 2-53 3-117 3-127 3-129
YBUFFER4	BUFFER	2-85
YBUSH12	DX BUSH	2-85 2-87 2-89 2-91
YBUSH15	THROTTLE PEDAL FOOT PLATE BUSH	4-165
YCHAINBOLT1	MAST CHAIN BOLT KIT	2-63 2-67 2-71 2-75
YCHAINKIT1	MAST 3.1M CHAIN KIT	2-67
YCHAINKIT2	MAST 3.6M CHAIN KIT	2-71
YCHAINKIT3	MAST 2.6M CHAIN KIT	2-63
YCOMBO1	COMBO GAUGE	3-121
YCOUPLING2 - ADAPTER	ENGINE COUPLING ADAPTER 3CYL	4-177
YCOUPLING2-ADAPTER RING	ENGINE COUPLING ADAPTER RING	4-177 4-199
YCOUPLING2-ADAPTER SCREW	ENGINE COUPLING ADAPTER	4-177 4-199
YCOUPLING2-HOUSING	HOUSING FOR YCOUPLING2	4-177 4-199
YFAN1	RADIATOR FAN 3CYL	4-181
YFILLER1_CAP	HYDRAULIC OIL TANK FILLER CAP	5-213
YFILLER1_FILTER	HYDRAULIC OIL TANK FILLER FILTER	5-213
YFILLER5	DIESEL FUEL FILLTER CAP	4-159
YFILLER7	RADIATOR IN LINE FILLER 4CYL	4-207
YFILTER1	HYDRAULIC OIL COMBINATION FILTER	5-213
YFILTER17 (S)	AIR FILTER 3CYL	4-187
YFILTER20 (S)	AIR FILTER 4CYL	4-209
YFILTER8	OIL HYDRAULIC SUCTION STRAINER	5-213
YFORK6	REACH FORKS CLASS 2A	2-97
YFUSEBOX1	CAB FUSE BOX	3-111
YGASTRUT31	ARM REST GAS STRUT	3-117
YLEVER1	LEVER BANK	7-241 7-243 7-247 7-259 7-261
YLEVER3	AUXILIARY LEVER	7-259
YLEVER5	AUXILIARY LEVER 2	7-261
YLEVER6	LEVER BANK STANDARD LEVER	7-241 7-243 7-247 7-259 7-261
YLEVGUAGE1	HYDRAULIC OIL LEVEL GAUGE	5-213
YLIGHT22	LIGHT WORKLIGHT HALOGEN	3-139 3-141 3-145 3-147
YLIGHT27	LH INDICATOR LIGHT	3-133
YLIGHT40	LIGHT - TAIL RED OPTION LED	3-152



YLIGHT43	LIGHT WORKLIGHT LED	3-148 3-149
YMOTOR10	WHEEL FRONT MOTOR 255CC/REV-MS02	2-49 2-53
YMOTOR11	FAN GEAR MOTOR 14CC	4-205
YMOTOR3	REAR STEERING MOTOR	7-241 7-243 7-255
YMOTOR4	WHEEL MOTOR 27" FRONT 364CC/REV-MS02	2-41 2-43
YMOTOR7	REAR BRAKED MOTOR 500 CC/REV-MSE03	2-31
YPAD1	STABILIZER LEG WEAR PAD NYLON	2-41 2-43 2-49 2-53
YPEDAL1	FORWARD/REVERSE PEDAL	6-219 6-221 6-223 6-225 6-227
YPIN5	DETENT	2-49 2-53
YPLUNGER1	CAB REAR HOOP LOCKING PLUNGER	3-117
YPUMP1	HYDROSTATIC PUMP 45CC WITH GEAR PUMP 14CC	6-221 6-225 6-235
YPUMP3	GEAR PUMP 14CC	7-243 7-253
YPUMP4	GEAR PUMP 11CC	7-241 7-251
YPUMP8	ANTI-STALL PUMP PM30	6-219 6-223 6-233
YROLLER1	MAST CHAIN ROLLER BEARING	2-63 2-67 2-71 2-75
YSEAT2	SEAT - SUSPETION TYPE	3-127
YSEAT5	SEAT - COMFORT TYPE	3-129
YSEATBELT2	SEAT BELT - ORANGE	3-129
YSENDER1	DIESEL FUEL SENDER UNIT	4-159
YSTEER1	STEERING COLUMN	3-111 7-245
YSTEER5	STEERING WHEEL	3-111 7-245
YSTEERPUMP1	STEERING PUMP	3-111 7-241 7-243 7-245
YSTRAINER1	DIESEL FUEL STRAINER	4-159
YSTRAINERCAP1	DIESEL FUEL STRAINER CAP	4-159
YSWITCH47	DIFF LOCK AND LIGHT SWITCH	3-121 3-150
YSWITCH48	HORN SWITCH	3-121
YSWITCH50	SWITCH BANK	3-121
YSWITCH52	MULTI-DIRECTIONAL AND PARK SWITCH	3-121
YSWITCH53	INDICATOR SWITCH	3-121
YSWITCH54	PRESSURE SWITCH FOR TRANSMISSION PUMP	6-233 6-235
YSWITCH62	RADIATOR THERMAL SWITCH 3CYL	4-183
YVALVE16	PILOT OPERATED DIVERter VALVE	6-219 6-223 6-237
YVALVE21-MODIFIED	AUXILIARY DOUBLE COUNTERBALANCE VALVE	7-263
YVALVE4	AUXILIARY CROSSOVER VALVE	7-259
YVALVE5	PRIORITY VALVE	7-241 7-243 7-249
YWHEEL11	WHEEL 27"x10-12 LH	2-31 2-41
YWHEEL22	WHEEL 27x10-12 RH	2-43
YWHEEL7	WHEEL FRONT 23x9-10 LH	2-53
YWHEEL8	WHEEL FRONT 23"x9-10 RH	2-49
YWHLNUT1	WHEEL NUT M14	2-31 2-41 2-43 2-49 2-53

CHAPTER10: INDEX OF DESCRIPTIONS

DESCRIPTION	PART NUMBER	PAGE NUMBERS
AIR FILTER BAND	15000-36931	4-177 4-187
FUEL FILTER	15224-43013	4-161
EXHAUST GASKET 4 - BOLT	15263-12370	4-197
EXHAUST GASKET 2 - BOLT	15313-12370	4-175 4-197
THERMOSTATE COVER 3CYL	16212-73260	4-187
THERMOSTATE COVER 4CYL	16212-73266	4-209
TEMPERATURE SWITCH 3CYL	16222-83041	4-187
EXHAUST MANIFOLD 4CYL	16241-12313	4-209
ALTERNATOR STAY 3CYL	16241-64422	4-187
EXHAUST MANIFOLD 3CYL	16264-12311	4-187
OIL FILTER 4CYL	16271-32092	4-209
OIL FILTER 3CYL	16271-32093	4-187
AUXILIARY BELT 3CYL	16282-97011	4-187
RADIATOR FAN 4CYL	16285-7411-0 FAN	4-205
STARTER MOTOR 4CYL	16611-6301-0	4-209
STARTER MOTOR 3CYL	16611-63013-1	4-187
FLYWHEEL ASSEMBLY 4CYL	16614-2501-2	4-209
SEDIMENTOR	16614-43003	4-161
ALTERNATOR STAY 4CYL	16615-64422	4-209
AIR FILTER CANISTER 3CYL	1661611013_05	4-177
AIR FILTER CANISTER 3CYL	16616-11013_05	4-187
AIR FILTER CANISTER 4CYL	1661711002_M	4-199
AIR FILTER CANISTER 4CYL	16617-11002_M	4-209
FUEL PUMP	1720852031 F pump	4-161
DIP STICK 4CYL	17456-36412	4-209
HEADER TANK 4CYL	19077-72092	4-185 4-207
HEADER TANK 3CYL	19077-72092_RT02	4-185
ALTERNATOR 60 A	19630-64015	4-187 4-209
RADIATOR 3CYL	1G34772061	4-181 4-183 4-185
FLYWHEEL ASSEMBLY 3CYL	1G900-25011	4-187
DIP STICK 3CYL	1G900-36411	4-187
AUXILIARY BELT 4CYL	1G902-00000	4-209
3/4" BSP BLANKING PLUG	3-4 BSP Blanking plug	7-257
RADIATOR CUSHION	34070-16031	4-159 4-181 4-203
ACCELERATOR SPRING	3J0167	4-165
FAN ASSEMBLY 4CYL	FAN ASSEMBLY	4-203
REAR LEVER SPACER BOSS	LL10026	3-123
SPUR GEAR RETAINER WASHER - REAR STEER MOTOR	LM1-100-43	7-255
HOSE ROLLER - 6 BERTH	LM1-204-01	2-63 2-67 2-71 2-75
TILT CYLINDER	LM1-210-02	2-89
RETAINING WASHER	LM1-210-12	2-87
SIDE SHIFT PIN	LM1-218-03	2-87
SLEWING RING SPACER	LM1-300-01	2-31
SLEWING RING BEARING	LM1-300-03	2-31
SPUR GEAR DRIVER - REAR STEER MOTOR	LM1-300-04	7-255
SWITCH GUARD	LM1-500-12	3-121
CAB MOUNT BAR	LM1-500-25	3-107
CAB MOUNT WASHER	LM1-504-00	3-107
ARM REST/GUARD	LM1-505-00	3-117
RADIATOR STRUT TOP	LM2-100-98	4-181 4-203
COOLANT HOSE TOP 3CYL	LM2-101-15	4-183
COOLANT HOSE BOTTOM 3CYL	LM2-101-16	4-183
DIESEL FUEL TANK MOUNT	LM2-101-25	4-159



DIESEL FUEL TANK GASKET	LM2-101-38	4-159
FAN SHROUD 3CYL	LM2-101-40	4-181
BANJO HOUSING 1"	LM2-101-49	6-233 6-235
RADIATOR STRUT RH 3CYL	LM2-103-06	4-181 4-185
RADIATOR STRUT RH 4CYL	LM2-103-10	4-203
RADIATOR MOUNTING FRAME 3CYL	LM2-103-20	4-181
RADIATOR SUPPORT BRACKET 4CYL	LM2-103-38	4-203
RADIATOR SUPPORT FRAME 4CYL	LM2-103-39	4-203
COOLING FAN BOSS 4CYL	LM2-103-47	4-205
RADIATOR HOSE TOP LONG 4CYL	LM2-103-49	4-207
RADIATOR HOSE TOP SHORT 4CYL	LM2-103-50	4-207
RADIATOR HOSE BOTTOM 4CYL	LM2-103-51	4-207
RADIATOR SHROUD 4CYL	LM2-103-56	4-205
RADIATOR MOUNT RAIL 3CYL	LM2-103-66	4-181
COOLANT HOSE TOP MOUNT 4CYL	LM2-103-71	4-207
OIL COOLER HOSE RETAINER	LM2-103-72	4-203
AIR FILTER CANISTER BRACKET 4CYL	LM2-104-05	4-199
AIR FILTER CANISTER BRACKET 3CYL	LM2-106-01	4-177
ENGINE MOUNT FRONT RIGHT	LM2-108-01	4-173
REAR RIGHT ENGINE MOUNT	LM2-110-01	4-173
ENGINE MOUNT	LM2-114-00	4-173 4-195
ENGINE MOUNT 2	LM2-115-00	4-173 4-195
COOLING SYSTEM 4CYL	LM2-16-00	4-189
COOLING SYSTEM 3CYL	LM2-17-00	4-155
LONG LINK PIN CAP	LM2-200-13	2-89
MAST FIXING BOSS	LM2-200-18	2-65 2-69 2-73 2-77
MAST FIXING BOSS CAP	LM2-200-19	2-65 2-69 2-73 2-77
HOSE ROLLER - 2 BERTH	LM2-200-20	2-79
CARRIAGE ROLLER KEEPER PLATE	LM2-200-22	2-87
REACH FORKS FLOW SPLITTER MANIFOLD	LM2-200-23	2-97
TILT FRAME	LM2-206-00	2-87
PANTOGRAPH PIVOR - X-TUBE	LM2-209-00	2-89
PANTOGRAPH BEARING SPACER	LM2-209-01	2-89
PANTOGRAPH SPINDLE PIVOT	LM2-209-02	2-89
ISR PIVOT WASHER	LM2-209-04	2-89
REACH CYLINDER	LM2-210-04	2-91
MAST 2.6M LIFT CYLINDER	LM2-210-05	2-65
MAST 3.1M LIFT CYLINDER	LM2-210-06	2-69
MAST 3.6M LIFT CYLINDER	LM2-210-07	2-73
MAST 2.4M LIFT CYLINDER	LM2-210-08	2-77
SIDE SHIFT CYLINDER	LM2-210-09	2-87
FORK POSITION CYLINDER	LM2-210-12	2-101
TILT CYLINDER UPPER LINK	LM2-210-30	2-89
STABILIZER CYLINDER	LM2-210-35	2-41 2-43 2-49 2-53
MULTI-DIRECTIONAL CYLINDER LH	LM2-210-37	2-51
MULTI-DIRECTIONAL STEERING CYLINDER	LM2-210-38	2-47
LINK PIN SHORT LOWER - IR ARM	LM2-211-00	2-85
IR SHORT TO TILT CYLINDER PIN ASSEMBLY	LM2-212-00	2-89
MAST AUXILIARY CHAIN ROLLER PIN	LM2-214-04	2-79
TILT-PIN ASSEMBLY	LM2-215-00	2-87
FORK CARRIAGE PIVOT PIN	LM2-216-03	2-91
CARRIAGE PIN END	LM2-216-04	2-91
HOSE CLAMP 6-BERTH	LM2-218-03	2-65 2-69 2-73 2-77 2-85
HOSE CLAMP 2-BERTH	LM2-218-05	2-79 2-95
HOSE CLAMP 8-BERTH ANGLED	LM2-218-13	2-65 2-69 2-73 2-77
HOSE CLAMP 8-BERTH STRAIGHT	LM2-218-20	2-65 2-69 2-73 2-77
FORK CARRIAGE	LM2-221-00	2-91



IR ARM LONG	LM2-223-00	2-85
IR SHORT LINK	LM2-224-00	2-89
MAST 3.6M STAGE 2	LM2-237-00	2-71
LIFT CYLINDER CLAMP	LM2-240-19	2-65 2-69 2-73 2-77
MAST 3.1M STAGE 1	LM2-241-00	2-69
MAST 3.6M STAGE 1	LM2-244-00	2-73
MAST 3.1M STAGE 2	LM2-246-00	2-67
MAST 3RD STAGE	LM2-251-00	2-85
MAST 2.6M STAGE 2	LM2-256-00	2-63
MAST 2.6M STAGE 1	LM2-261-00	2-65
MAST 2.4M STAGE 2	LM2-266-00	2-75
MAST 2.4M STAGE 1	LM2-271-00	2-77
STEERING SLEWING RING BEARING LIMITER	LM2-300-11	2-31
9-12 MM EDGE TRIUM 100 MM LONG (YSEALSTRIP40)	LM2-300-20	2-31
STEERING WHEEL FRAME	LM2-302-00	2-31
STABILIZER PIN	LM2-416-00	2-41 2-43 2-49 2-53
STABILIZER FOOT	LM2-416-03	2-41 2-43 2-49 2-53
9-12 MM EDGE TRIM 200 MM LONG (YSEALSTRIP40)	LM2-417-18	2-41 2-43
WHEEL PLATE FRONT 27"	LM2-417-20	2-41
WHEEL PLATE 23" FRONT RH	LM2-418-00	2-43
WHEEL PLATE COVER RH	LM2-418-15	2-41 2-43
WHEEL BEARING ARM WHEEL PLATE LH	LM2-440-00	2-51
LOAD REST CHANNEL RH	LM2-440-09	2-47
STABILIZER PIN	LM2-44-01	2-41 2-43 2-49 2-53
LOAD REST CHANNEL LH	LM2-440-13	2-51
LOAD REST WOODEN PLANK	LM2-440-15	2-47 2-51
15-17MM EDGE TRIM 216 MM LONG (YSEALSTRIP39)	LM2-440-16	2-49 2-53
LOADREST HINGE BRACKET	LM2-440-19	2-49
STABILIZER LOWER PIN	LM2-44-02	2-41 2-43 2-49 2-53
LOADREST LOCATING WASHER	LM2-440-23	2-53
BEARING HOUSING CAP	LM2-44-03	2-47 2-51
LOADREST HINGE BRACKET	LM2-440-30	2-53
BEARING TAPERED RETAINING WASHER	LM2-44-07	2-47 2-51
WHEEL BEARING ARM WHEEL PLATE RH	LM2-441-00	2-47
MULTI-DIRECTIONAL WHEEL MOTOR PLATE LH 23"	LM2-442-00	2-53
MULTI-DIRECTIONAL WHEEL MOTOR PLATE 23"	LM2-443-00	2-49
MULTI-DIRECTIONAL LINK ARM	LM2-446-00	2-51
MULTI DIRECTIONAL LINK ARM RH	LM2-447-00	2-49
MULTI-DIRECTIONAL LINK ARM LONG	LM2-448-00	2-49 2-53
MULTI-DIRECTIONAL LINK ARM SHORT	LM2-449-00	2-49 2-53
ACCELERATOR PEDAL	LM2-500-02	4-165
THROTTLE PEDAL SHAFT	LM2-500-03	4-165
CAB COMFORT SEAT TILT PLATE	LM2-500-10	3-129
CAB ROOF GLASS	LM2-500-100	3-117
CAB SEAT TILT PLATE	LM2-500-13	3-127
REAR LEVER LINK	LM2-500-33	3-123
THROTTLE RELAY PLATE	LM2-500-46	4-165
THROTTLE RELAY	LM2-500-50	4-165
LEVER BANK COVER HINGE PLATE	LM2-500-53	3-131
CAB MOUNT SAFETY WASHER	LM2-500-55	3-107
DIVERER VALVE SPACER	LM2-500-59	7-259
THROTTLE LINKAGE	LM2-500-61	4-165
TILT LEVER LINK	LM2-500-68	3-123
LIFT / REAR LEVER LINK	LM2-500-69	3-123
2-4 MM EDGE TRIM 50 MM LONG (YSEALTSTRIP30)	LM2-500-72	3-131
ENGINE THROTTLE ASSEMBLY	LM2-500-80	4-155 4-162 4-163 4-164 4-189
CAB HOSE RETAINER	LM2-501-21	3-107



CAB - SAFE WORKING LOAD GAUGE	LM2-516-00	3-151
SEAT BELT REEL MOUNT	LM2-520-03	3-129
FUEL FILLER NOZZLE PLATE	LM2-550-20	3-113
FRONT CAB PANEL	LM2-550-30	3-111
CAB SWITCH ACCESS PANEL	LM2-550-40	3-121
LIGHT OPTION FRONT - BRACKET	LM2-550-50	3-145
CAB - LOWER WELD ASSEMBLY	LM2-551-00	3-107
CAB - UPPER WELD ASSEMBLY	LM2-552-00	3-117
CAB SHELF ASSEMBLY	LM2-553-00	3-111
CAB REAR HOOP	LM2-554-00	3-117
SCUTTLE PANEL	LM2-556-00	3-111
CAB SAFETY MESH AND SWITCH BOARD	LM2-557-00	3-121
CAB DIAL PLATE	LM2-557-60	3-121
CAB REAR LEVER COVER VERSION 2	LM2-558-00	3-131
LEVER BANK SUPPORT	LM2-559-00	3-111
ENGINE 3CYL	LM2-60-00	4-153 4-154 4-155 4-167 4-168 4-169 4-170 4-171 4-172 4-174 4-176 4-177 4-179 4-180 4-182 4-184 4-186
THROTTLE CABLE	LM2-600-01	4-165 4-171
DIESEL FUEL TANK BRACE	LM2-600-02	4-159
DIESEL FUEL HOSE 14MM - 1407 MM LONG	LM2-600-04	4-159 4-161
DIESEL FUEL HOSE 14MM - 60 MM LONG	LM2-600-05	4-161
DIESEL FUEL HOSE - 14MM - 167 MM LONG	LM2-600-06	4-161
DIESEL FUEL HOSE 14MM - 570 MM LONG	LM2-600-07	4-161
HOSE 14MM - 1828 MM LONG	LM2-600-08	4-159
HYDRAULIC OIL TANK	LM2-601-00	5-213
HYDRAULIC OIL TANK GASKET	LM2-601-12	5-213
HYDRAULIC OIL TANK BULKHEAD	LM2-601-20	5-213
DIESEL FUEL TANK	LM2-602-00	4-159
DIESEL FUEL FILLER BULKHEAD	LM2-602-01	4-159
DIESEL FUEL TANK SUPPORT	LM2-602-13	4-159
ENGINE 4CYL	LM2-604-00	4-189
EXHAUST DOWNPIPE 3CYL	LM2-605-37	4-175
EXHAUST DOWNPIPE 4CYL	LM2-605-38	4-197
EXHAUST SILENCER	LM2-605-39	4-175 4-197
HYDRAULIC OIL TANK 6 PORT COMBI MANIFOLD	LM2-606-03	5-215
4-WAY HYDRAULIC BLOCK MOUNT	LM2-606-04	7-257
HARD RIDE VALVE MOUNT	LM2-606-05	7-263
RADIATOR COMBI 4CYL	LM2-607-00	4-205
THERMAL SWITCH HOUSING 3CYL	LM2-607-01	4-183
DIESEL FUEL SYSTEM	LM2-62-00	4-155 4-157 4-158 4-160 4-189
WATER FLANGE AND TEHRMOSTAT	WFLG_1G90200000	4-209
THROTTLE LINKAGE BALL JOINT	YBALLJOINT2	4-165
BEACON LIGHT - COMBO ON DASHBOARD	YBEACON10	3-150
LIGHT - BEACON ORANGE	YBEACON6	3-117
MAST 48 MM SEALED ROLLER BEARING	YBEARING18	2-63 2-67 2-71 2-75 2-79
MAST-STRAIGHT BEARING SET	YBEARING19	2-87
IR SHORT TO LONG DOUBLE ROW ANGULAR CONTACT BEARING	YBEARING21	2-89
MAST 78 MM TAPER BEARING	YBEARING23	2-65 2-69 2-73 2-77 2-85
BEARING TAPERED BOTTOM BEARING 33112	YBEARING32	2-47 2-51
BEARING TAPERED	YBEARING33	2-47 2-51
MAST PARALLEL BEARING	YBEARING7	2-63 2-67 2-71 2-75 2-85
DIFFERANTIAL LOCK HYDRAULIC	YBLOCK2	6-219 6-221 6-229
MULTI-DIRECTIONAL HYDRAULIC DIFF BLOCK	YBLOCK4	6-223 6-225 6-231
MULTI-DIRECTIONAL HYDRAULIC BLOCK	YBLOCK5	7-257
BUFFER	YBUFFER1	2-49 2-53 3-117 3-127 3-129



BUFFER	YBUFFER4	2-85
DX BUSH	YBUSH12	2-85 2-87 2-89 2-91
THROTTLE PEDAL FOOT PLATE BUSH	YBUSH15	4-165
MAST CHAIN BOLT KIT	YCHAINBOLT1	2-63 2-67 2-71 2-75
MAST 3.1M CHAIN KIT	YCHAINKIT1	2-67
MAST 3.6M CHAIN KIT	YCHAINKIT2	2-71
MAST 2.6M CHAIN KIT	YCHAINKIT3	2-63
COMBO GAUGE	YCOMBO1	3-121
ENGINE COUPLING ADAPTER 3CYL	YCOUPLING2 - ADAPTER	4-177
ENGINE COUPLING ADAPTER RING	YCOUPLING2-ADAPTER RING	4-177 4-199
ENGINE COUPLING ADAPTER	YCOUPLING2-ADAPTER SCREW	4-177 4-199
HOUSING FOR YCOUPLING2	YCOUPLING2-HOUSING	4-177 4-199
RADIATOR FAN 3CYL	YFAN1	4-181
HYDRAULIC OIL TANK FILLER CAP	YFILLER1_CAP	5-213
HYDRAULIC OIL TANK FILLER FILTER	YFILLER1_FILTER	5-213
DIESEL FUEL FILLER CAP	YFILLER5	4-159
RADIATOR IN LINE FILLER 4CYL	YFILLER7	4-207
HYDRAULIC OIL COMBINATION FILTER	YFILTER1	5-213
AIR FILTER 3CYL	YFILTER17 (S)	4-187
AIR FILTER 4CYL	YFILTER20 (S)	4-209
OIL HYDRAULIC SUCTION STRAINER	YFILTER8	5-213
REACH FORKS CLASS 2A	YFORK6	2-97
CAB FUSE BOX	YFUSEBOX1	3-111
ARM REST GAS STRUT	YGASTRUT31	3-117
LEVER BANK	YLEVER1	7-241 7-243 7-247 7-259 7-261
AUXILIARY LEVER	YLEVER3	7-259
AUXILIARY LEVER 2	YLEVER5	7-261
LEVER BANK STANDARD LEVER	YLEVER6	7-241 7-243 7-247 7-259 7-261
HYDRAULIC OIL LEVEL GAUGE	YLEVGAUGE1	5-213
LIGHT WORKLIGHT HALOGEN	YLIGHT22	3-139 3-141 3-145 3-147
LH INDICATOR LIGHT	YLIGHT27	3-133
LIGHT - TAIL RED OPTION LED	YLIGHT40	3-152
LIGHT WORKLIGHT LED	YLIGHT43	3-148 3-149
WHEEL FRONT MOTOR 255CC/REV-MS02	YMOTOR10	2-49 2-53
FAN GEAR MOTOR 14CC	YMOTOR11	4-205
REAR STEERING MOTOR	YMOTOR3	7-241 7-243 7-255
WHEEL MOTOR 27" FRONT 364CC/REV-MS02	YMOTOR4	2-41 2-43
REAR BRAKED MOTOR 500 CC/REV-MSE03	YMOTOR7	2-31
STABILIZER LEG WEAR PAD NYLON	YPAD1	2-41 2-43 2-49 2-53
FORWARD/REVERSE PEDAL	YPEDAL1	6-219 6-221 6-223 6-225 6-227
DETENT	YPIN5	2-49 2-53
CAB REAR HOOP LOCKING PLUNGER	YPLUNGER1	3-117
HYDROSTATIC PUMP 45CC WITH GEAR PUMP 14CC	YPUMP1	6-221 6-225 6-235
GEAR PUMP 14CC	YPUMP3	7-243 7-253
GEAR PUMP 11CC	YPUMP4	7-241 7-251
ANTI-STALL PUMP PM30	YPUMP8	6-219 6-223 6-233
MAST CHAIN ROLLER BEARING	YROLLER1	2-63 2-67 2-71 2-75
SEAT - SUSPETION TYPE	YSEAT2	3-127
SEAT - COMFORT TYPE	YSEAT5	3-129
SEAT BELT - ORANGE	YSEATBELT2	3-129
DIESEL FUEL SENDER UNIT	YSENDER1	4-159
STEERING COLUMN	YSTEER1	3-111 7-245
STEERING WHEEL	YSTEER5	3-111 7-245
STEERING PUMP	YSTEERPUMP1	3-111 7-241 7-243 7-245
DIESEL FUEL STRAINER	YSTRAINER1	4-159
DIESEL FUEL STRAINER CAP	YSTRAINERCAP1	4-159



DIFF LOCK AND LIGHT SWITCH	YSWITCH47	3-121 3-150
HORN SWITCH	YSWITCH48	3-121
SWITCH BANK	YSWITCH50	3-121
MULTI-DIRECTIONAL AND PARK SWITCH	YSWITCH52	3-121
INDICATOR SWITCH	YSWITCH53	3-121
PRESSURE SWITCH FOR TRANSMISSION PUMP	YSWITCH54	6-233 6-235
RADIATOR THERMAL SWITCH 3CYL	YSWITCH62	4-183
PILOT OPERATED DIVERTER VALVE	YVALVE16	6-219 6-223 6-237
AUXILIARY DOUBLE COUNTERBALANCE VALVE	YVALVE21-MODIFIED	7-263
AUXILIARY CROSSOVER VALVE	YVALVE4	7-259
PRIORITY VALVE	YVALVE5	7-241 7-243 7-249
WHEEL 27"x10-12 LH	YWHEEL11	2-31 2-41
WHEEL 27x10-12 RH	YWHEEL22	2-43
WHEEL FRONT 23x9-10 LH	YWHEEL7	2-53
WHEEL FRONT 23"x9-10 RH	YWHEEL8	2-49
WHEEL NUT M14	YWHLNUT1	2-31 2-41 2-43 2-49 2-53