

# THE LOADMAC 225iR

Powerful | Compact | Versatile

**ILLUSTRATED  
PARTS  
MANUAL**



Authorised for Issue  
by  
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## CONTENTS

	Page
<b>PRELIMINARY MATERIAL</b>	
Front cover (title page) .....	(i)
Contents (this list) .....	(ii)
Preface .....	(iv)
Warnings and Cautions .....	(v)
 <b>COMMERCIAL PARTS LIST</b>	
Chapter	
1 LM2-10-00 Chassis Assembly	
2 LM2-22-50 Masts System	
3 LM2-50-00 Cabin Assembly	
4 LM2-60-00 Powertrain Assembly	
5 LM2-61-00 Hydraulic Oil Tank Assembly	
6 LM2-63-00 Drive Control System	
7 LM2-64-00 Service Control System	
8 Index of Part Numbers	
9 Index of Part Descriptions	

## PREFACE

### AMENDMENTS

1 Each page of this publication bears the date of issue. Red Indicating arrows bracketing red text (▶ for example ◀) will indicate new or amended technical matter.

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- 5.2 Read the data sheet applicable to the substance.
- 5.3 Obey local orders and regulations.

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## CAUTIONS

**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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# CHAPTER 1

## LM2-10-00 CHASSIS ASSEMBLY

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## CHAPTER 1

## LM2-10-00 CHASSIS ASSEMBLY

## CONTENTS

Fig		Page
1	LM2-10-00 Chassis Common - Breakdown .....	3
1-1	LM2-11-00 Common Chassis – Forward View .....	4
1-2	LM2-11-00 Common Chassis – Rear View .....	6
1-3	LM2-11-00 Common Chassis – Rear Light Shroud .....	10
1-4	LM2-11-00 Chassis – Standard Bonnet Lighting Options .....	12
1-5	LM2-11-00 Chassis – UK Rear Lighting Options .....	14
1-6	LM2-11-00 Chassis – AUS Rear Lighting Option .....	16
1-7	LM2-11-00 Chassis - US / CANADA Number Plate and Mark Option .....	18
1-8	LM2-11-00 Chassis – US / CANADA Rear Lighting Option .....	20
1-9	LM2-11-00 Chassis – US / CANADA Work Lighting Option .....	22
2	LM2-31-00 Rear Wheel Assembly Common - Breakdown .....	25
2-1	LM2-31-00 Rear Wheel Assembly Common .....	26
3	LM2-41-00 Front Standard Steer Wheel Assembly with 23" Tyre – Base Spec Breakdown	29
3-1	LM2-41-00 Front RH Standard Steer Wheel Assembly with 23" Tyre .....	30
3-2	LM2-41-00 Front LH Standard Steer Wheel Assembly with 23" Tyre .....	32
4	LM2-47-00 Front Standard Steer Wheel Assembly with 27" Tyre – Option - Breakdown	35
4-1	LM2-47-00 Front LH Standard Steer Wheel Assembly with 27" Tyre - Option .....	36
4-2	LM2-48-00 Front RH Standard Steer Wheel Assembly with 27" Tyre - Option .....	38
5	LM2-44-00 Front LH/RH Multi Directional Steer Wheel with 23" Tyres – Option - Breakdown	41
5-1	LM2-44-00 Front RH Multi-Directional Steer Wheel Assembly with 23" Tyre - Option	42
5-2	LM2-44-00 Front LH Multi-Directional Steer Wheel Assembly with 23" Tyre – Option	46

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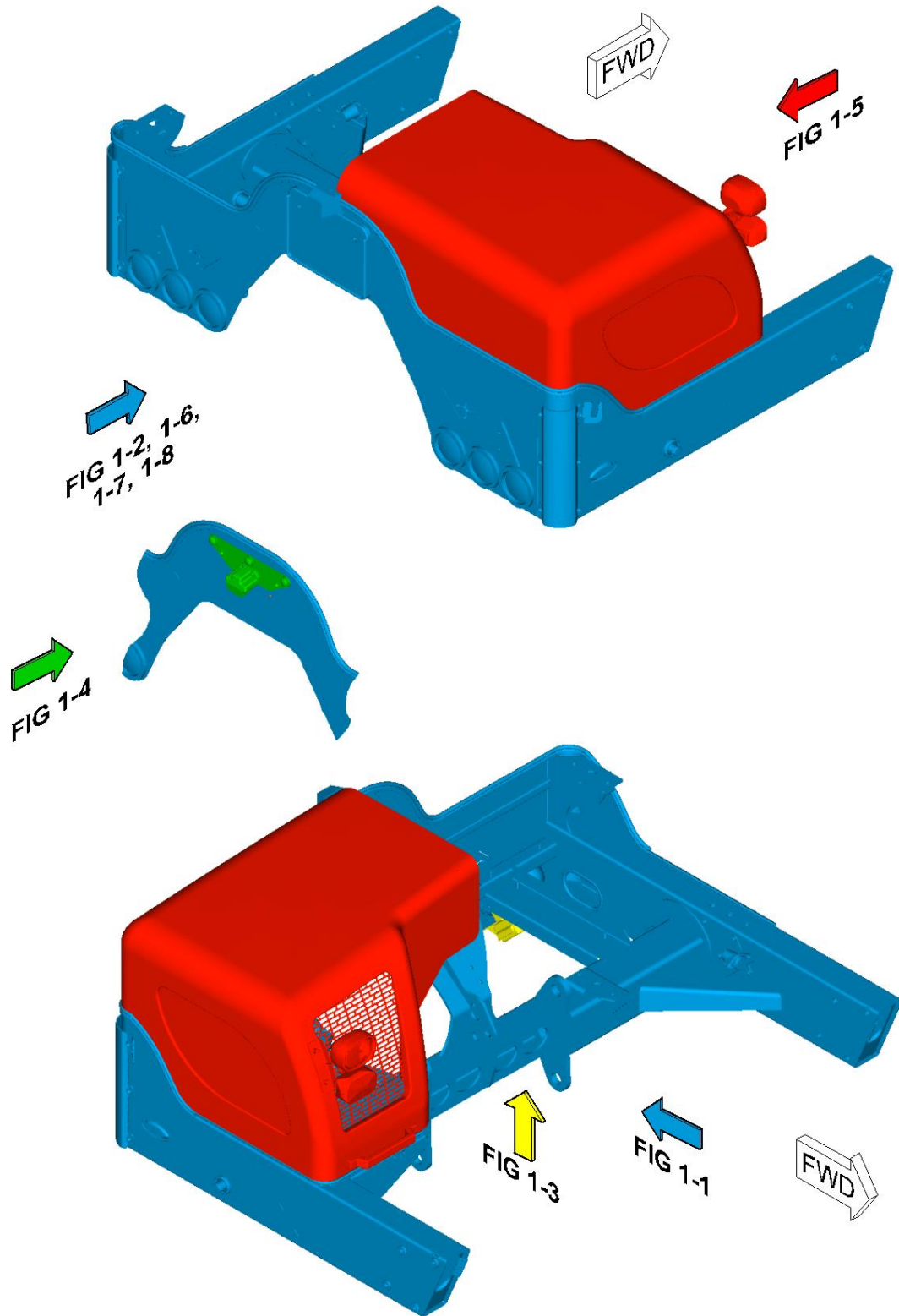


Fig 1 LM2-10-00 Chassis Common - Breakdown

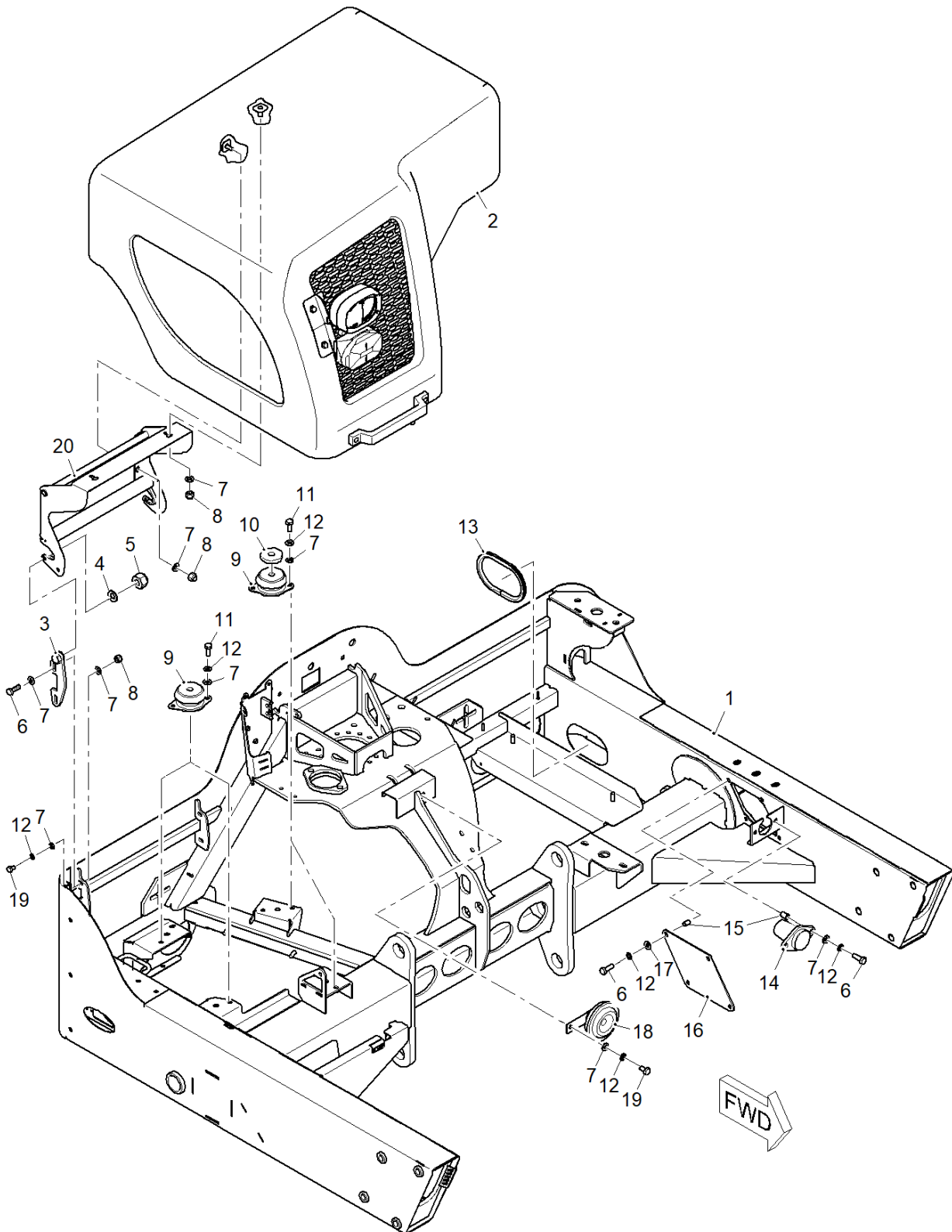


Fig 1-1 LM2-11-00 Common Chassis – Forward View

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**LM2-11-00 COMMON CHASSIS – FORWARD VIEW**

Fig - Item	Part No	Description	Qty	Notes
1-1 1	LM2-100-00	CHASSIS	1	
2	LM2-125-00	CHASSIS BONNET COMPLETE	1	
3	LM2-125-12	BONNET HINGE BRACKET	2	
4	XW12AZ	M12 FORM A WASHER	8	
5	XN12N	M12 NYLOC NUT	5	
6	XS08025Z	M8X25 HEX HEAD SCREW 8.8	12	
7	XW08AZ	M8 FORM A WASHER	54	
8	XN08N	M8 NYLOC NUT	28	
9	YMOUNT6	RUBBER ENGINE MOUNT	4	
10	LM2-101-51	ENGINE MOUNT SPACER	2	
11	XS08020Z	M8X20 HEX HEAD SCREW 8.8	10	
12	XW08SZ	M8 SPRING WASHER	36	
13	LM2-101-53	2-4 MM EDGE TRIM 400 MM LONG (YSEALSTRIP30)	2	
14	YSUZI1	SUZI SOCKET	1	
15	XNS08	M8 ROUND NUTSERT	6	
16	LM2-101-14	CAB MOUNT CHASSIS COVER	1	
17	XW08CZB	M8 FORM C WASHER	4	
18	YHORN1	HORN BUZZER	1	
19	XS08016Z	M8X16 HEX HEAD SCREW 8.8	6	
20	LM2-127-00	BONNET HINGE FRAME ASSEMBLY	1	

+ Item not illustrated

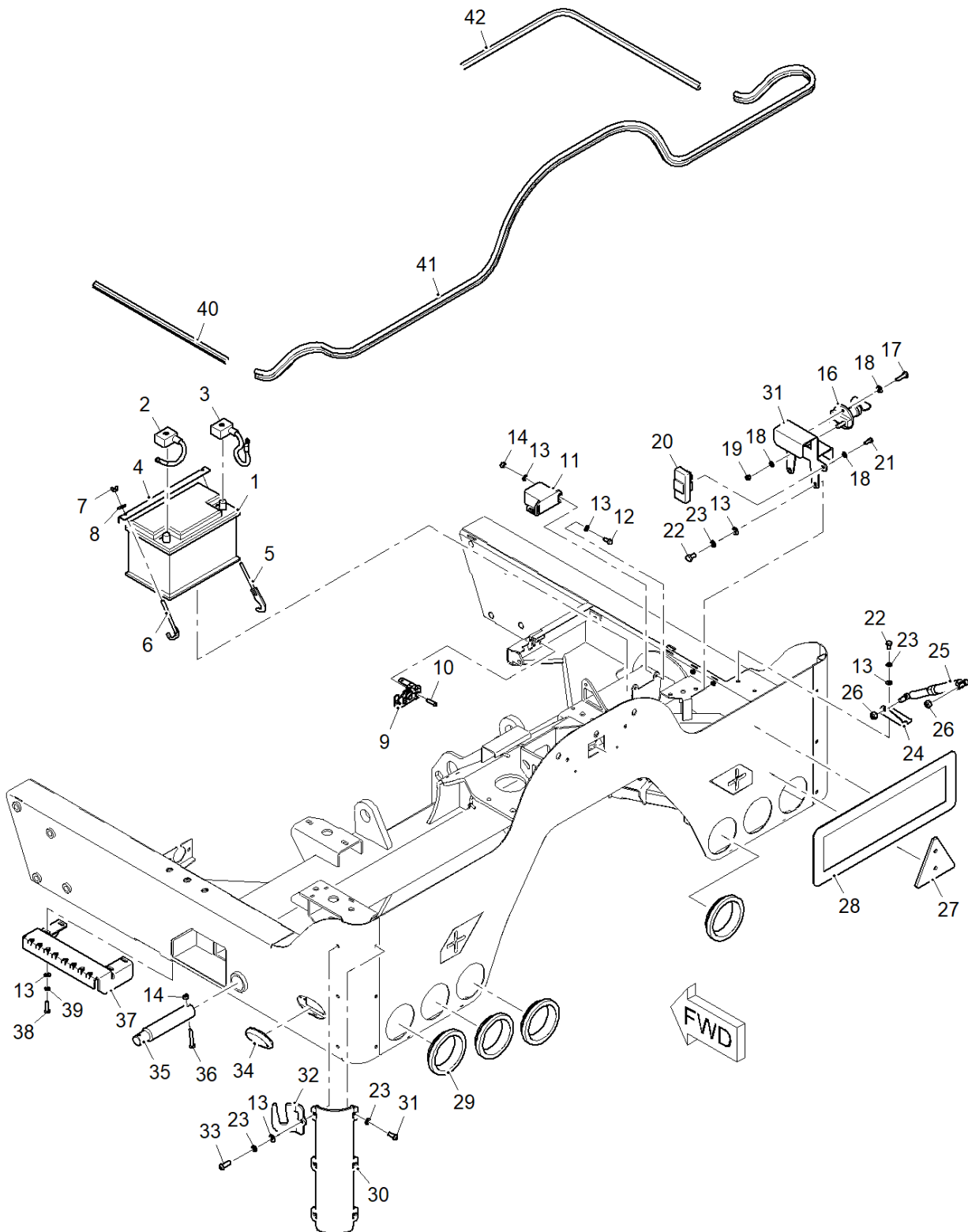


Fig 1-2 LM2-11-00 Common Chassis – Rear View

**LM2-11-00 COMMON CHASSIS – REAR VIEW**

Fig - Item	Part No	Description	Qty	Notes
1-2 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	XS08025Z	M8X25 HEX HEAD SCREW 8.8	12	
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	M6X25 BUTTON HEAD SCREW 8.8	2	
11	YBEEP1	REVERSING BEEPER	1	
12	XS08020Z	M8X20 HEX HEAD SCREW 8.8	10	
13	XW08AZ	M8 FORM A WASHER	48	
14	XN08N	M8 NYLOC NUT	8	
15	LM2-101-33	BATTERY ISOLATOR BRACKET	1	
16	YISO1	BATTERY ISOLATOR SWITCH	1	
17	XS06020Z	M6X20 HEX HEAD SCREW 8.8	2	
18	XW06AZ	M6 FORM A WASHER	11	
19	XN06N	M6 NYLOC NUT	9	
20	YFUSE8	40 A FUSE WITH HOLDER	1	
21	XS06016Z	M6X16 HEX HEAD SCREW 8.8	3	
22	XS08016Z	M8X16 HEX HEAD SCREW 8.8	6	
23	XW08SZ	M8 SPRING WASHER	36	
24	LM2-101-34	BONNET STRUT BRACKET	1	
25	YGASTRUT9	BONNET LOCKING GAS STRUT	1	

+ Item not illustrated

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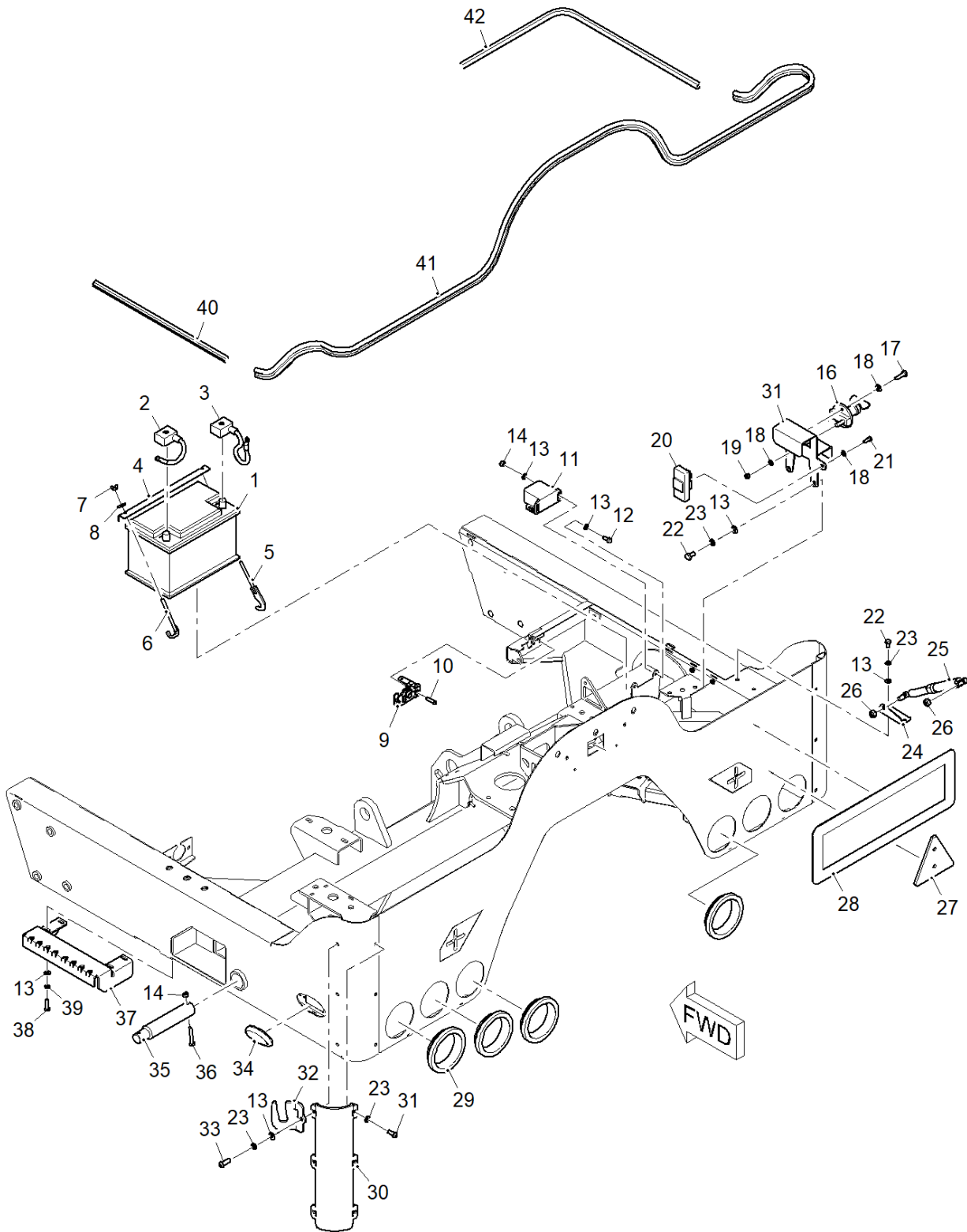


Fig 1-2 LM2-11-00 Common Chassis – Rear View (continued)



**LM2-11-00 COMMON CHASSIS – REAR VIEW (CONTINUED)**

Fig - Item	Part No	Description	Qty	Notes
1-2 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	M8X20 BUTTON HEAD SCREW 8.8	12	
32	LM2-101-18	LH CHAIN HOOK	1	
+	LM2-101-19	RH CHAIN HOOK	1	
33	XBUT08025SKTZB	M8X25 BUTTON HEAD SCREW 8.8	2	
34	YLIGHT24	LED AMBER SIDE MARKER	2	
35	LM2-101-07	LOADING PIN	2	
36	XS08050Z	M8X50 HEX HEAD SCREW 8.8	2	
37	LM2-101-01	CAB EXTENSION STEP	1	
38	XS08030Z	M8X30 HEX HEAD SCREW 8.8	4	
39	XW08SZ	M8 SPRING WASHER	4	
40	LM2-101-55	SELF 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	SELF ADHESIVE SEAL STRIP 591 MM LONG (YSEALSTRIP17)	1	

+ Item not illustrated

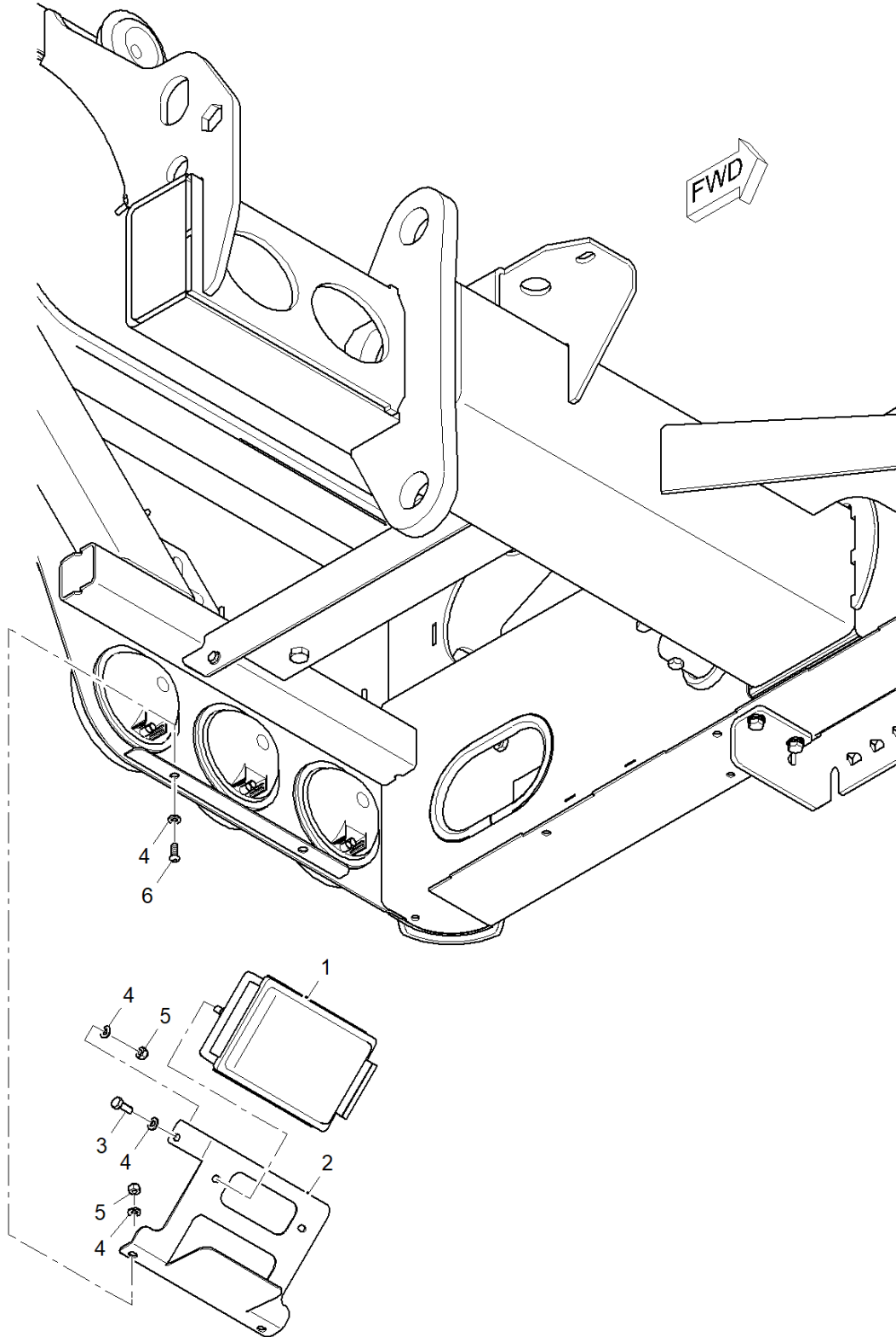


Fig 1-3 LM2-11-00 Common Chassis – Rear Light Shroud

**LM2-11-00 COMMON CHASSIS – REAR LIGHT SHROUD**

Fig - Item	Part No	Description	Qty	Notes
1-3 1	YBOX2	LIGHT JUNCTION BOX	2	
2	LM2-101-17	REAR LIGHT CABLE SHROUD	2	
3	XS06016Z	M6X16 HEX HEAD SCREW 8.8	4	
4	XW06AZ	M6 FORM A WASHER	8	
5	XN06N	M6 NYLOC NUT	8	
6	XBUT06016SKTZB	M6X16 BUTTON HEAD SCREW 8.8	4	

+ Item not illustrated

STANDARD BONNET LIGHTING OPTION

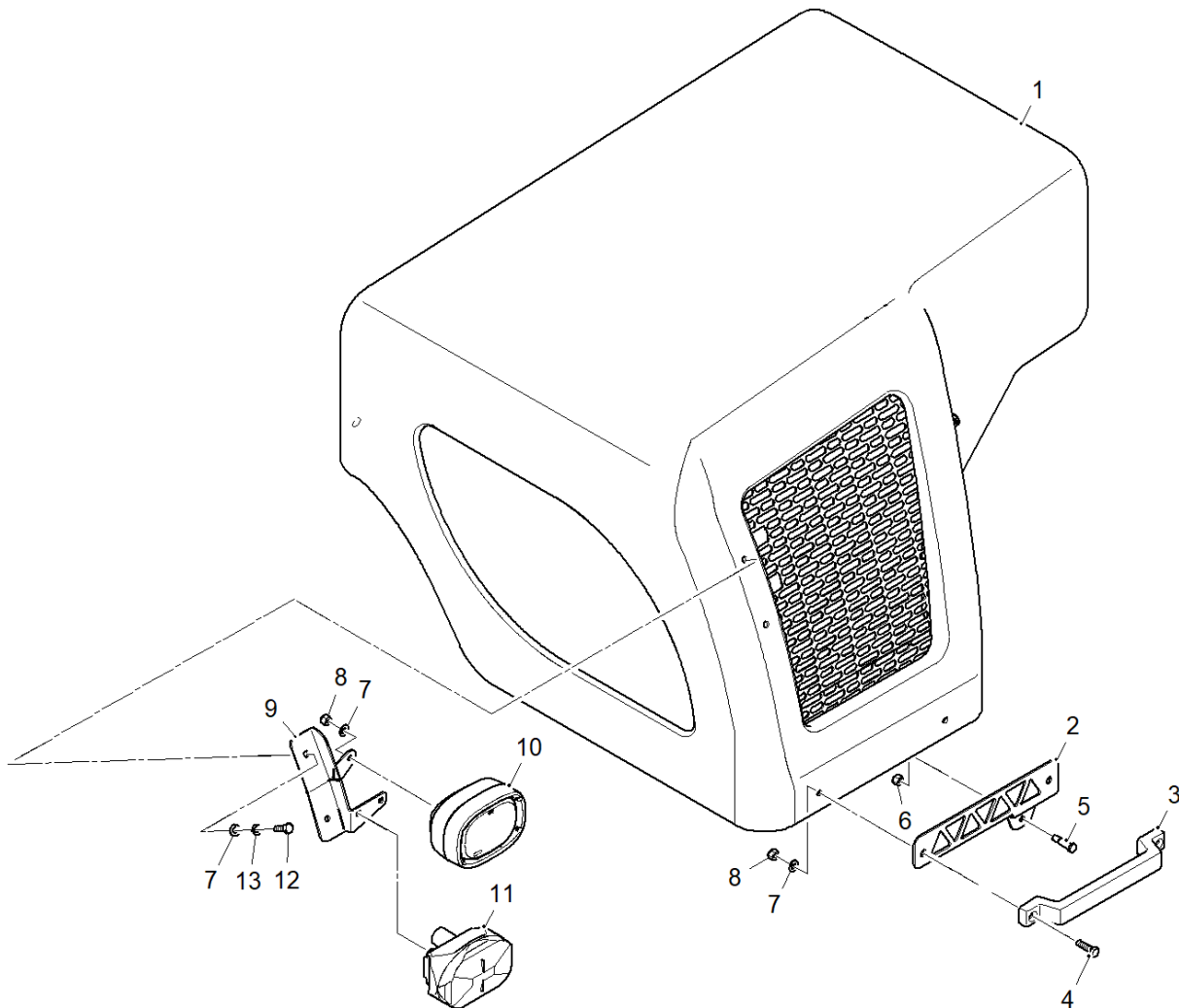


Fig 1-4 LM2-11-00 Chassis – Standard Bonnet Lighting Options

**LM2-11-00 CHASSIS – STANDARD BONNET LIGHTING OPTIONS**

Fig - Item	Part No	Description	Qty	Notes
1-4 1	LM2-125-01	BONNET GRP	1	
2	LM2-128-01	BONNET LATCH AND HANDLE ASSEMBLY	1	
3	YHANDLE22	BONNET HANDLE	1	
4	XS08030Z	M8X30 HEX HEAD SCREW 8.8	2	
5	YSTRIKE1	BONNET STRIKER PIN	1	
6	XN24NF	M24 FINE NYLOC NUT	1	
7	XW08AZ	M8 FORM A WASHER	4	
8	XN08N	M8 NYLOC NUT	4	
9	LM2-125-05	BONNET LIGHT MOUNT	1	
10	YLIGHT22	HALOGEN WORK LIGHT	1	
+	YLIGHT43	LED WORK LIGHT	1	OPTION TO REPLACE YLIGHT22
11	YLIGHT28	RH HALOGEN INDICATOR AND SIDE LIGHT CLUSTER	1	
12	XS08025Z	M8X25 HEX HEAD SCREW 8.8	2	
13	XW08SZ	M8 SPRING WASHER	2	

+ Item not illustrated

UK REAR LIGHTING OPTIONS

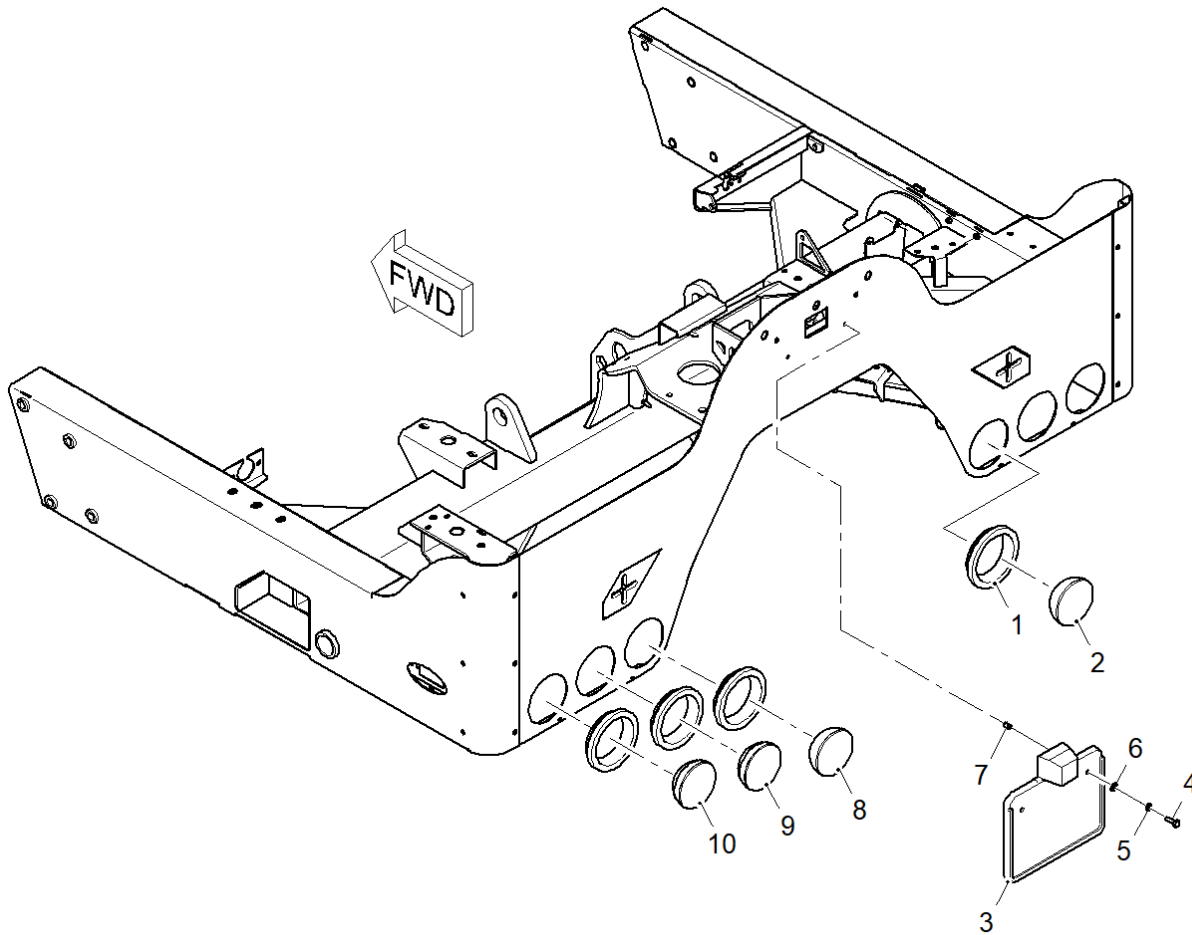


Fig 1-5 LM2-11-00 Chassis – UK Rear Lighting Options

**LM2-11-00 CHASSIS – UK REAR LIGHTING OPTIONS**

Fig - Item	Part No	Description	Qty	Notes
1-5 1	YGR1110	GROMMET	6	
2	YLIGHT32	LED RED FOG LIGHT	1	FITTED AS STANDARD TO LHS MOUNT HOLE OF RH LIGHT CLUSTER.
3	YPLHOLD1	UK NUMBER PLATE HOLDER	1	
4	XS08025Z	M8X25 HEX HEAD SCREW 8.8	12	
5	XW08SZ	M8 SPRING WASHER	36	
6	XW08AZ	M8 FORM A WASHER	48	
7	XNS08H	M8X10 SEMI HEX OPEN NUTSERT	2	
8	YLIGHT34	LED WHITE REVERSE LAMP	1	
9	YLIGHT33	LED RED STOP/TAIL-LIGHT	2	FITTED AS STANDARD TO CENTRAL MOUNT HOLE OF EACH LIGHT CLUSTER
10	YLIGHT31	LED AMBER INDICATOR LIGHT	2	FITTED AS STANDARD TO OUTSIDE MOUNT HOLE OF EACH LIGHT CLUSTER.

+ Item not illustrated

AUS – REAR LIGHTING OPTION

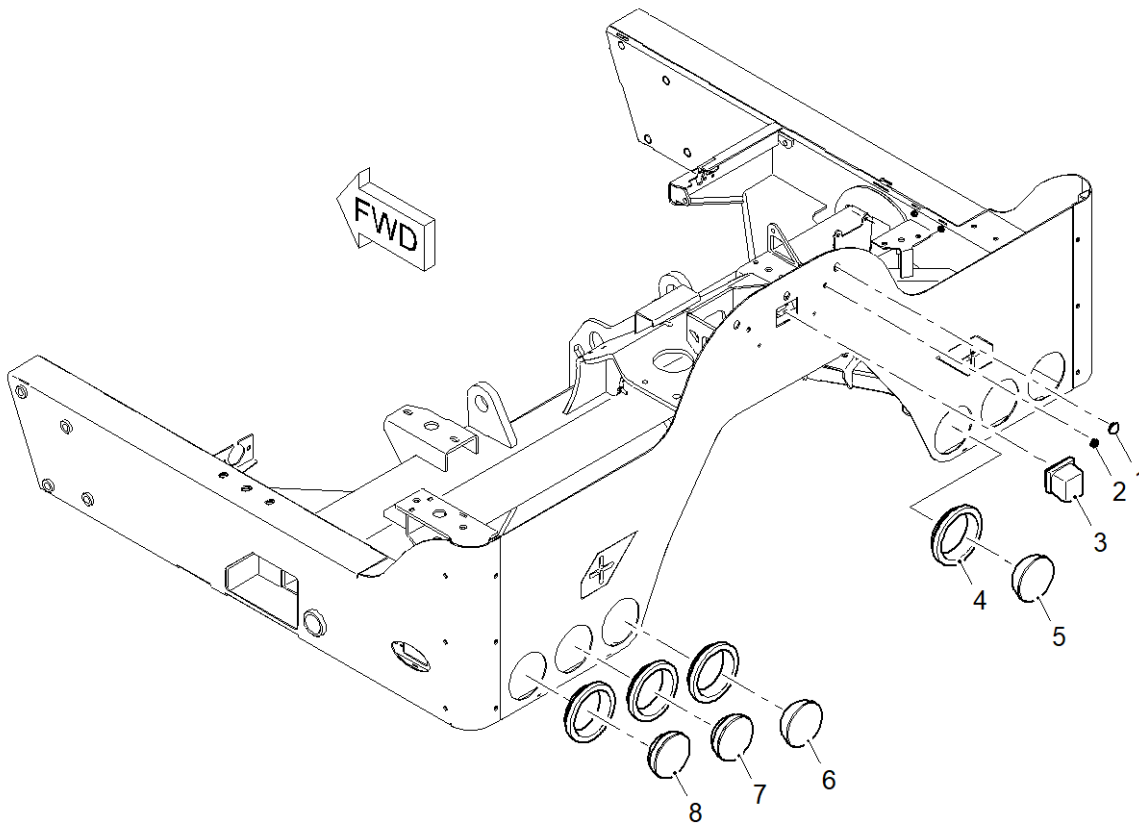


Fig 1-6 LM2-11-00 Chassis – AUS Rear Lighting Option



**LM2-11-00 CHASSIS – AUS REAR LIGHTING OPTION**

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

+ Item not illustrated

USA-CANADA NUMBER PLATE AND MARK OPTION

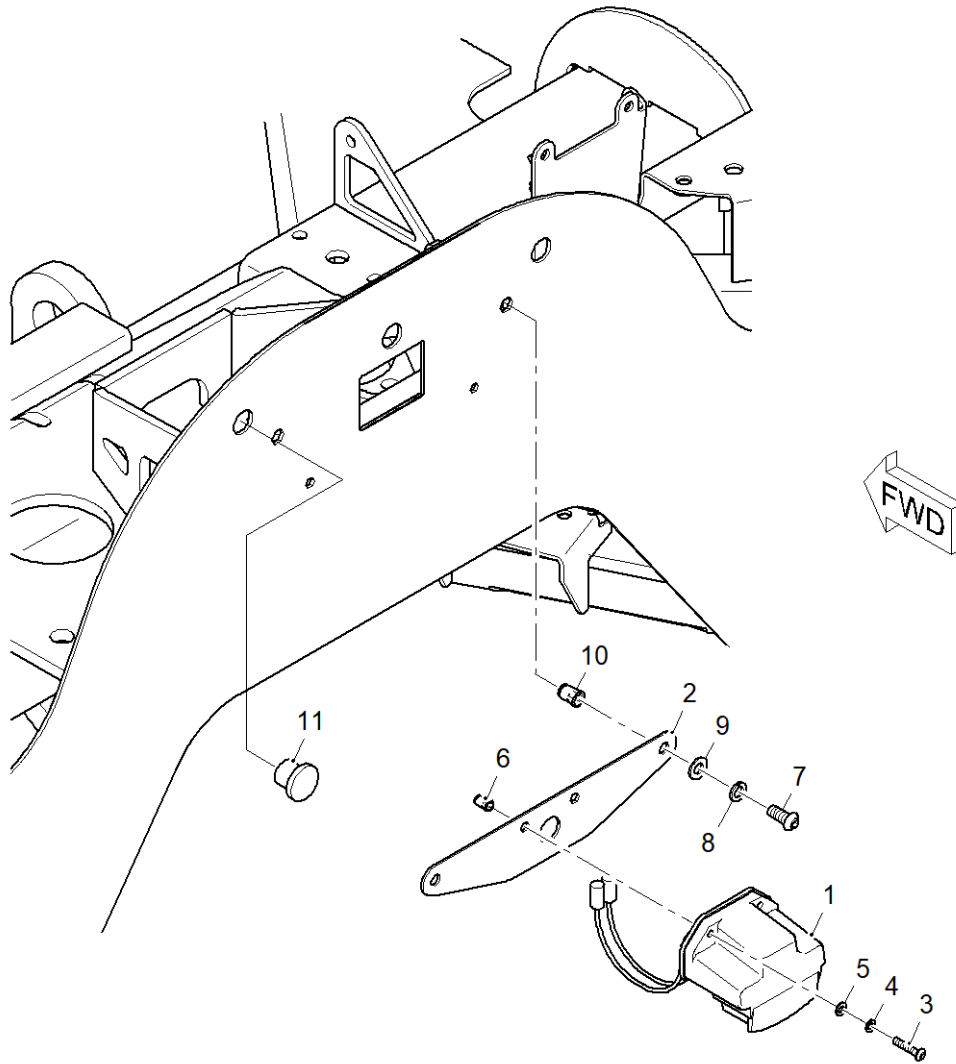


Fig 1-7 LM2-11-00 Chassis - US / CANADA Number Plate and Mark Option

**LM2-11-00 CHASSIS - US CANADA NUMBER PLATE AND MARK OPTION**

Fig - Item	Part No	Description	Qty	Notes
1-7 1	YLIGHT41	LED BOLT ON NUMBER PLATE LIGHT	1	
2	LM2-101-60	YLIGHT41 MOUNTING ADAPTER PLATE	1	
3	XBUT05025SKTZB	M5X25 BUTTON HEAD SCREW 8.8	2	
4	XW05SZ	M5 SPRING WASHER	2	
5	XW05AZ	M5 FORM A WASHER	2	
6	XNS05H	M5X6 SEMI HEX OPEN NUTSERT	4	
7	XS06020Z	M6X20 HEX HEAD SCREW 8.8	2	
8	XW08SZ	M8 SPRING WASHER	2	
9	XW08AZ	M8 FORM A WASHER	2	
10	XNS08H	M8X10 SEMI HEX OPEN NUTSERT	2	2X USED WITH YLIGHT41 OR YPLHOLD1 ONLY
11	YLIGHT40	SINGLE RED LED WITH GROMMET	3	

+ Item not illustrated

US / CANADA REAR LIGHTING OPTION

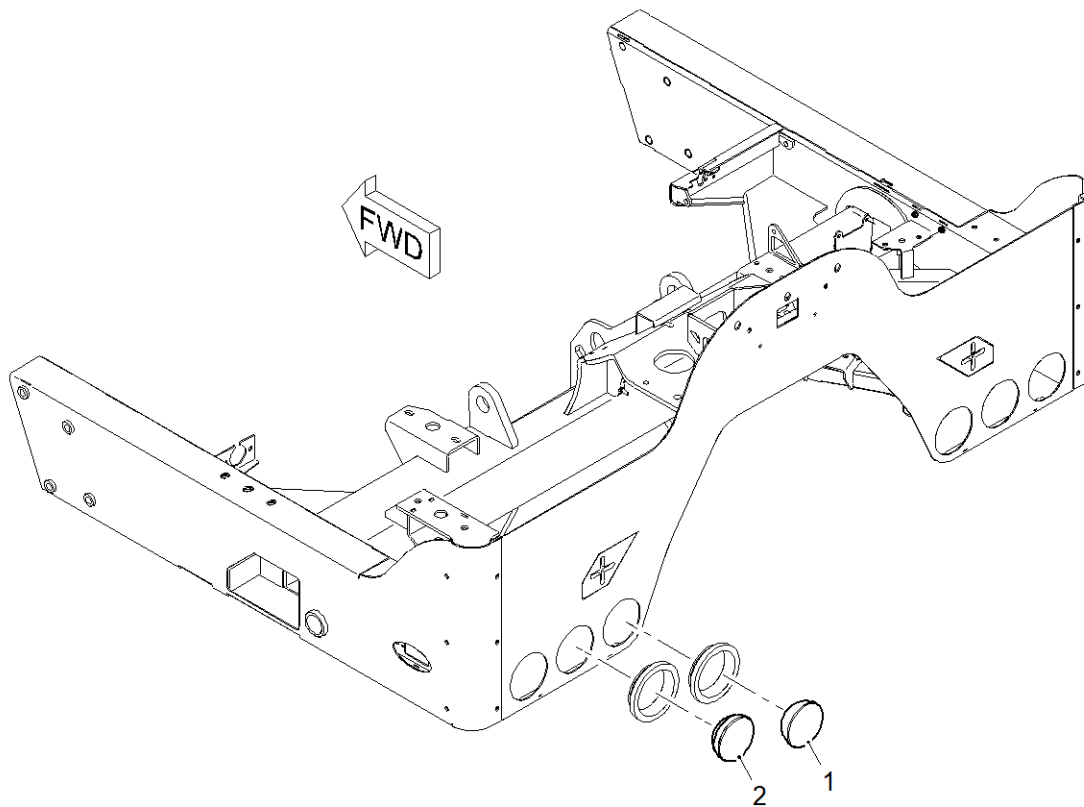


Fig 1-8 LM2-11-00 Chassis – US / CANADA Rear Lighting Option

## LM2-11-00 CHASSIS – US / CANADA REAR LIGHTING OPTION

Fig - Item	Part No	Description	Qty	Notes
1-8 1	YLIGHT34	LED WHITE REVERSE LAMP	2	
2	YLIGHT33	LED RED STOP/TAIL-LIGHT	4	

+ Item not illustrated

US / CANADA WORK LIGHTING OPTION

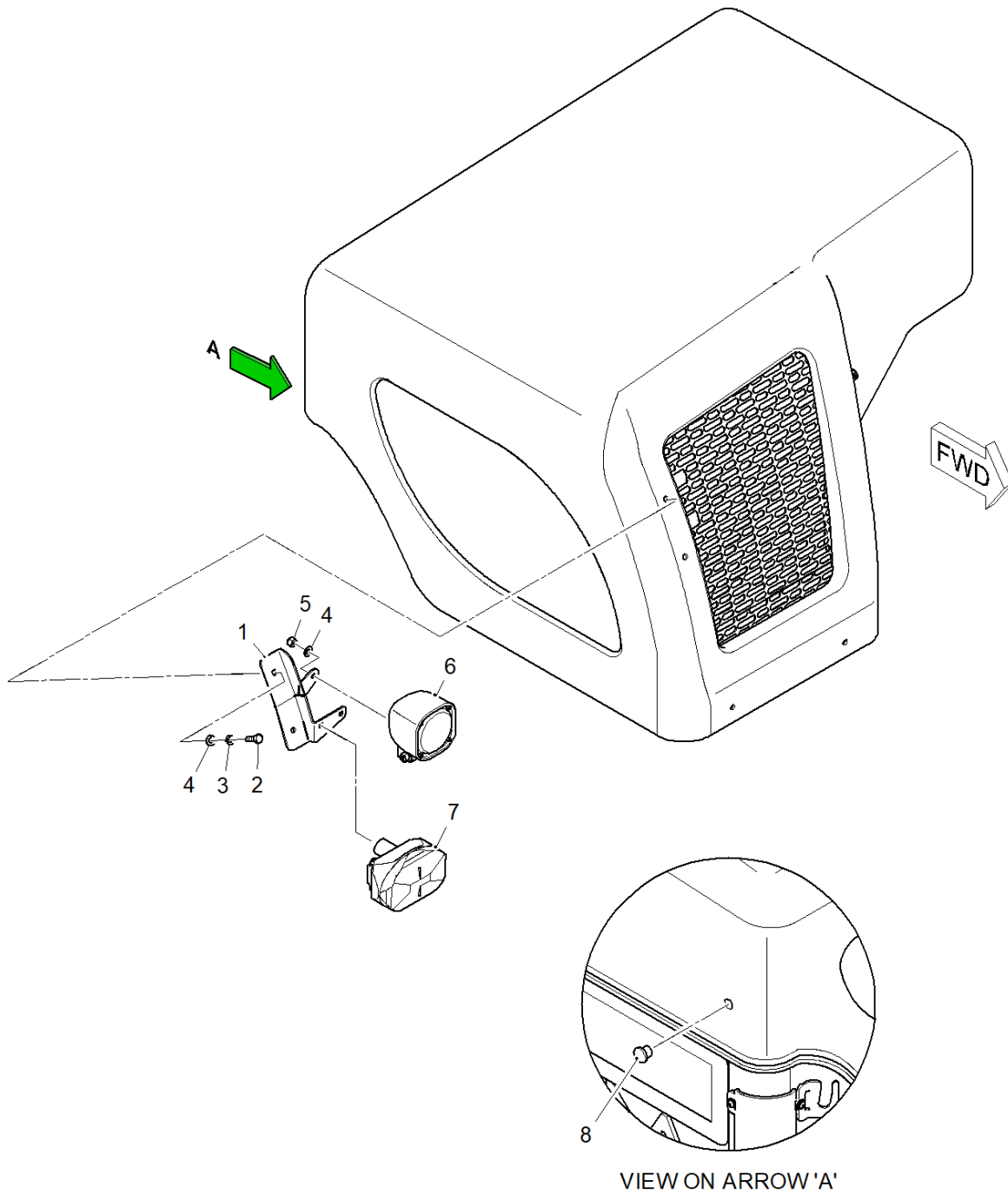


Fig 1-9 LM2-11-00 Chassis – US / CANADA Work Lighting Option

**LM2-11-00 CHASSIS – US / CANADA WORK LIGHTING OPTION**

Fig - Item	Part No	Description	Qty	Notes
1-9 1	LM2-125-05	BONNET LIGHT MOUNT	1	
2	XS08025Z	M8X25 HEX HEAD SCREW 8.8	2	
3	XW08SZ	M8 SPRING WASHER	2	
4	XW08AZ	M8 FORM A WASHER	4	
5	XN08N	M8 NYLOC NUT	4	
6	YLIGHT43	LED WORK LIGHT	1	
7	YLIGHT28	RH HALOGEN INDICATOR AND SIDE LIGHT CLUSTER	1	
8	YLIGHT40	SINGLE RED LED WITH GROMMET	1	

+ Item not illustrated

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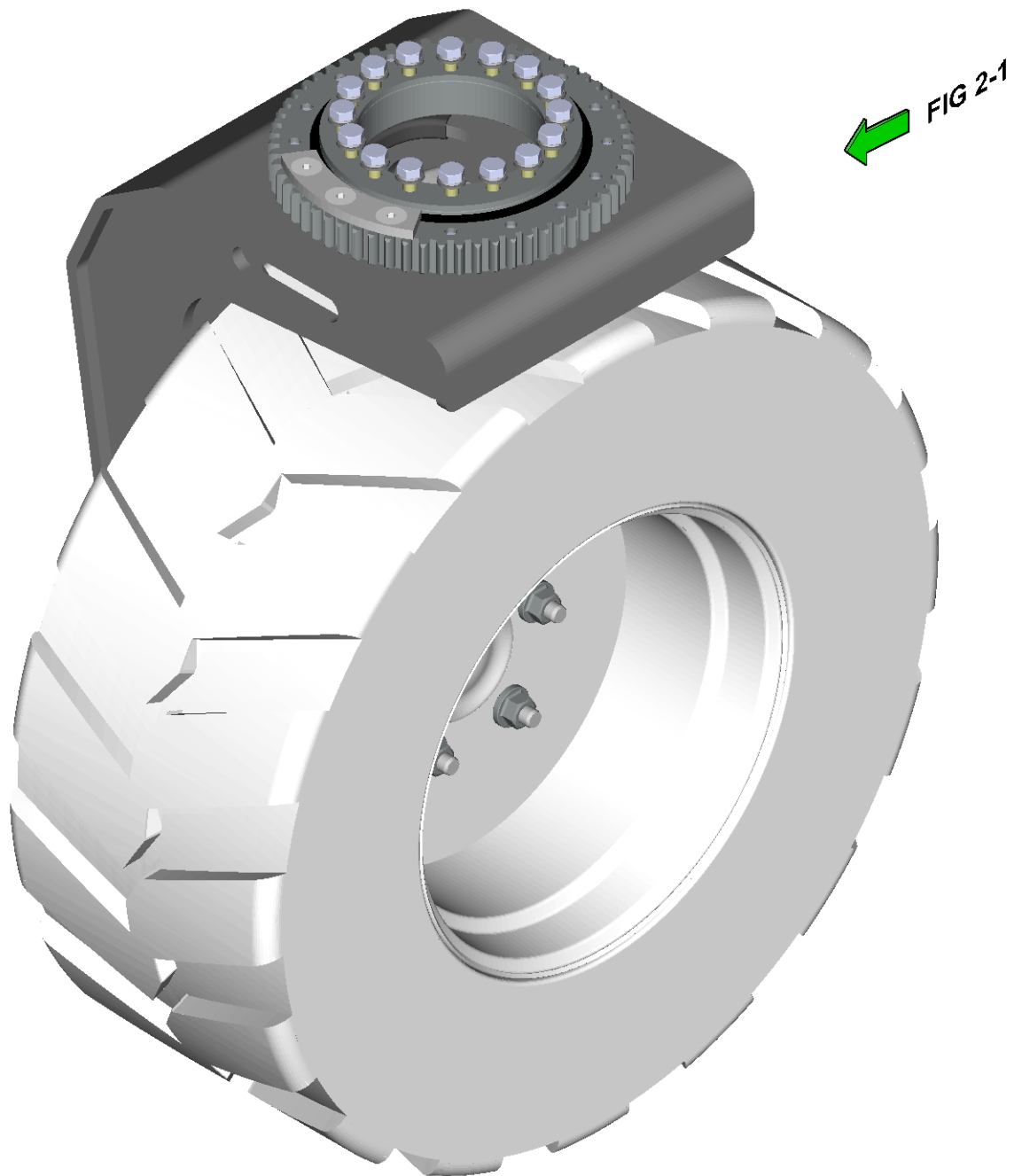


Fig 2 LM2-31-00 Rear Wheel Assembly Common - Breakdown

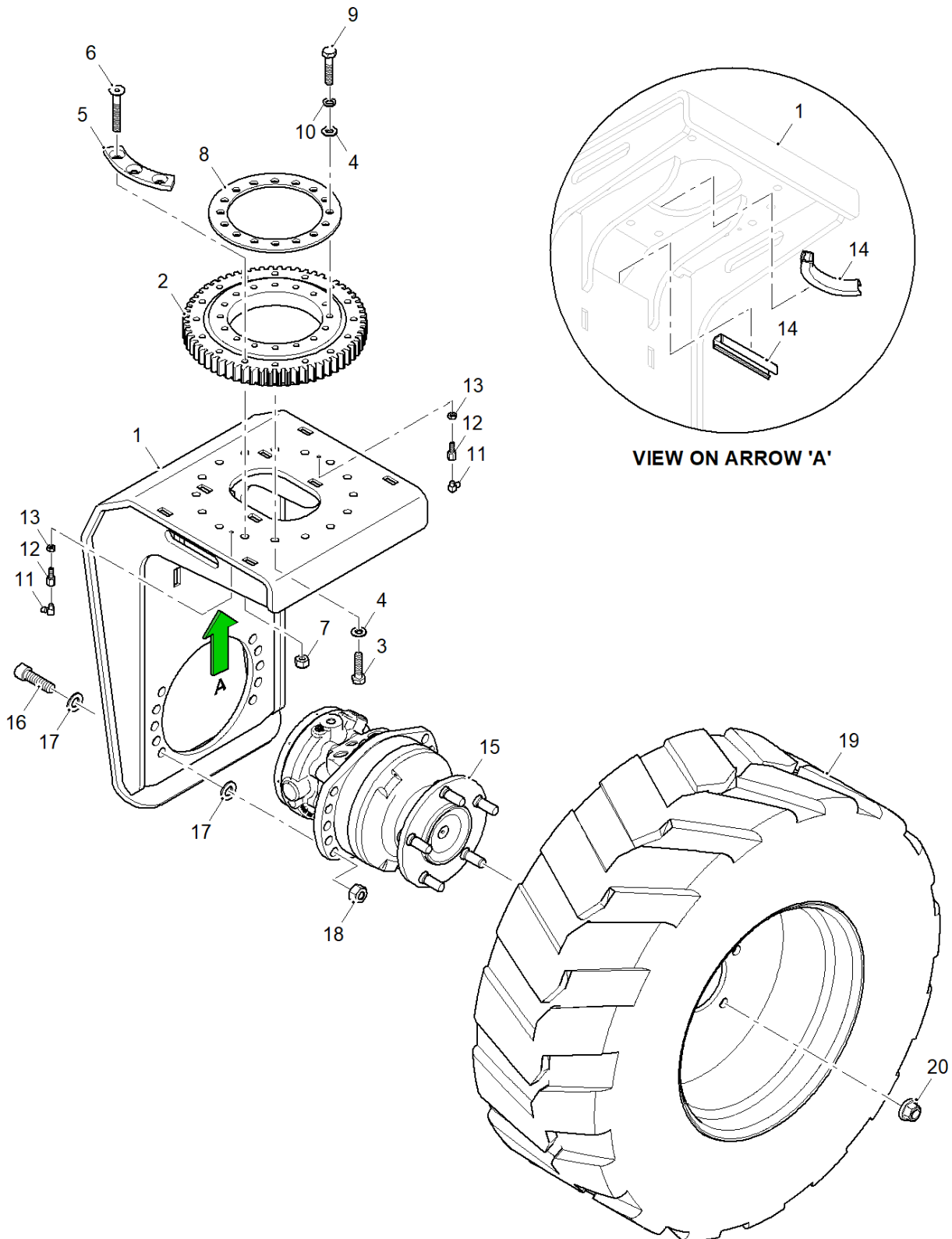


Fig 2-1 LM2-31-00 Rear Wheel Assembly Common

**LM2-31-00 REAR WHEEL ASSEMBLY COMMON**

Fig - Item	Part No	Description	Qty	Notes
2-1 1	LM2-302-00	REAR WHEEL STEER ARM	1	
2	LM1-300-03	SLEWING RING BEARING	1	
3	XS10040Z	M10X40 HEX HEAD SCREW	13	
4	XW10AZ	M10 FORM A WASHER	32	
5	LM2-300-11	SLEWING RING BEARING	1	
6	XCSK10040SKTZ	M10X40 COUNTERSUNK BOLT	3	
7	XN10N	M10 NYLOC NUT	29	
8	LM1-300-01	SLEWING RING SPACER	1	
9	XS10050Z	M10X50 HEX HEAD SCREW 8.8	16	
10	XW10SZ	M10 SPRING WASHER	29	
11	YGN0690	M6 90° GREASE NIPPLE	2	
12	YNIPADAPTER3	SWIVEL GREASE NIPPLE ADAPTER	2	
13	XN06Z	M6 PLAIN NUT	2	
14	LM2-300-20	9-12 MM EDGE TRIM 100 MM LONG	2	
15	YMOTOR7	REAR BRAKED MOTOR – 500 CC/REV - MSE03	1	
16	XSC14050Z	M14X50 CAP HEAD SCREW 10.9	10	
17	XW14AZ	M14 FORM A WASHER	20	
18	XN14N	M14 NYLOC NUT	10	
19	YWHEEL11	27"x10-12 COMPLETE WHEEL LH	1	
20	YWHLNUT1	M14 FLANGED WHEEL NUT	5	

+ Item not illustrated

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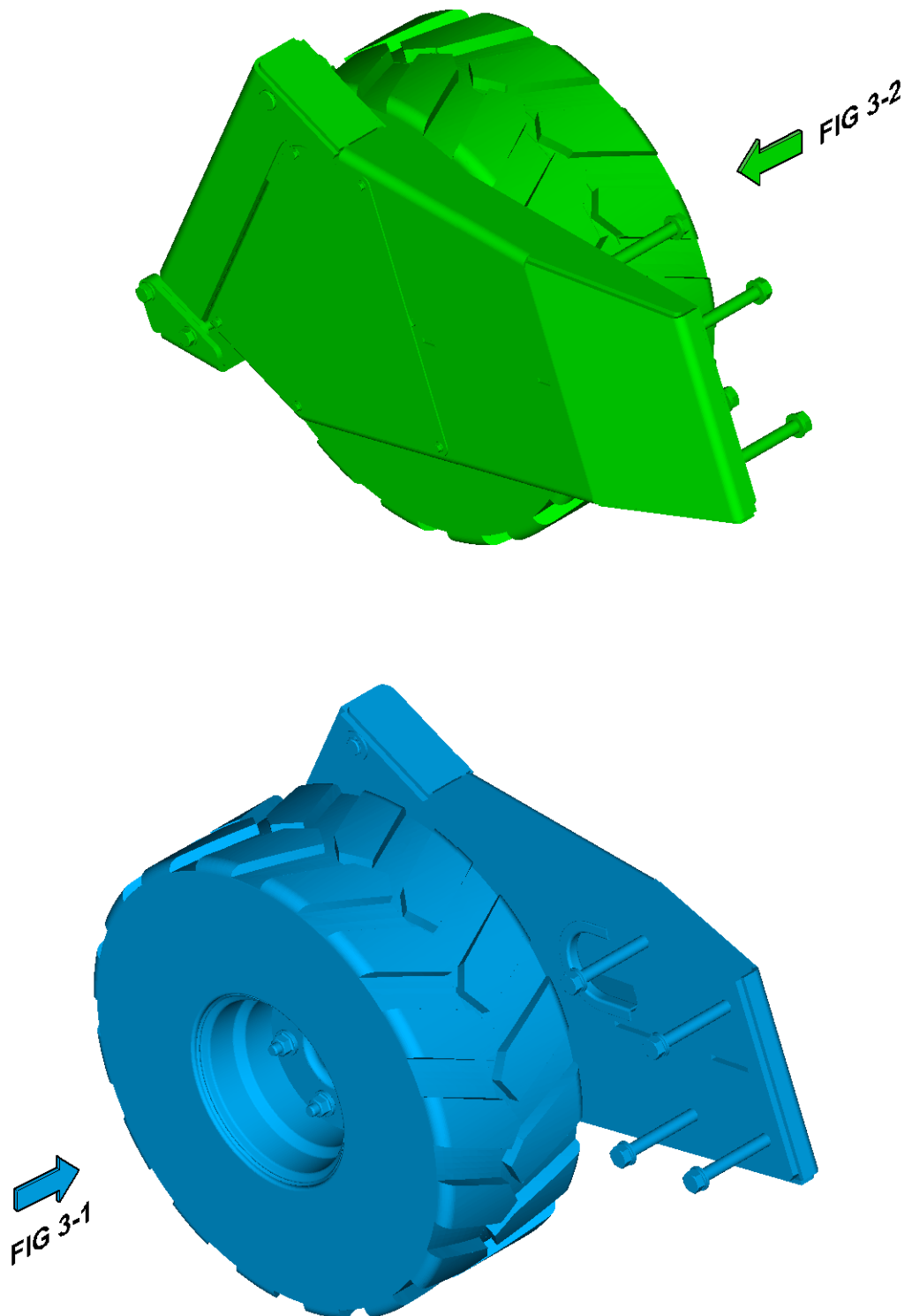


Fig 3 LM2-41-00 Front Standard Steer Wheel Assembly with 23" Tyre – Base Spec Breakdown

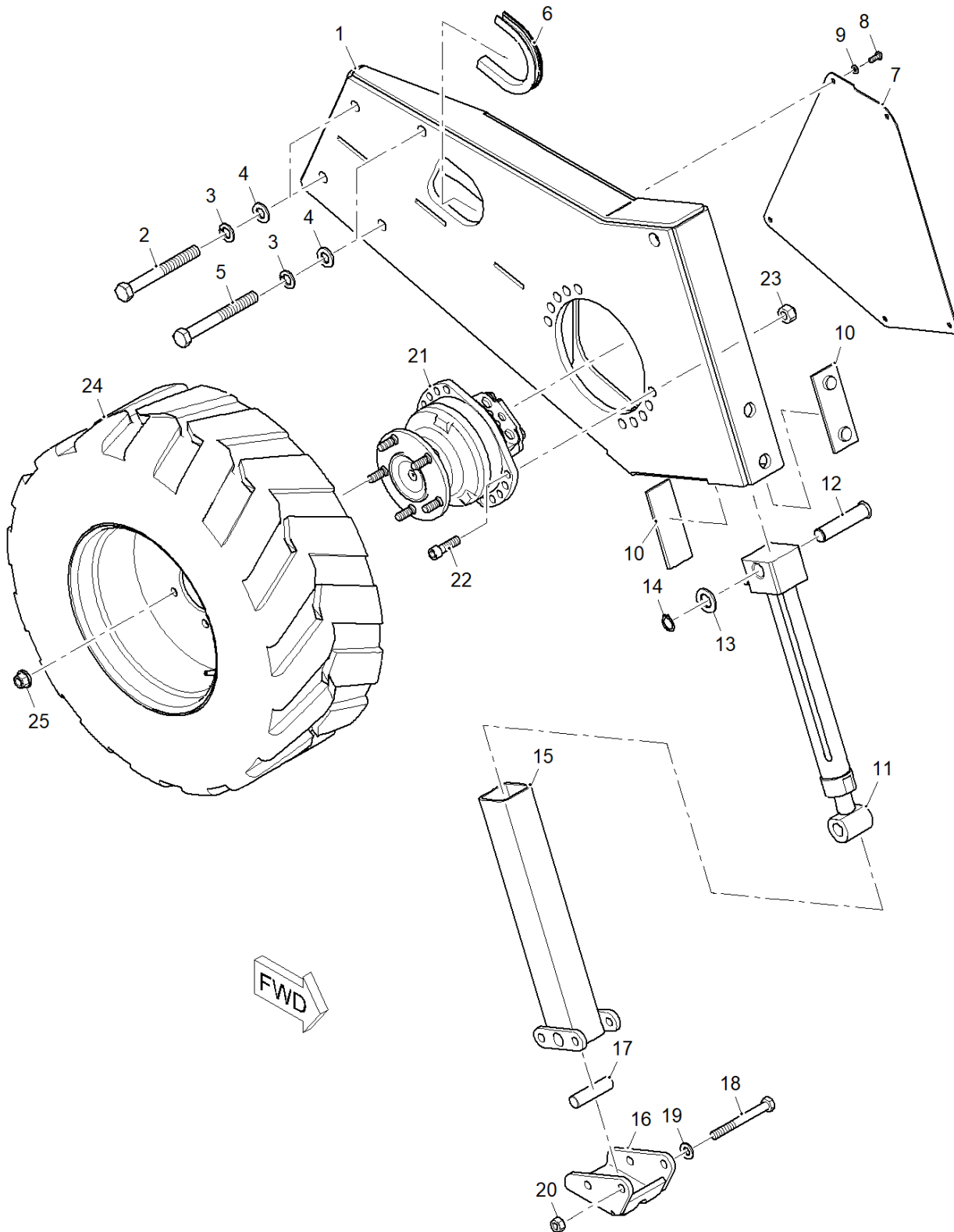


Fig 3-1 LM2-41-00 Front RH Standard Steer Wheel Assembly with 23" Tyre

**LM2-41-00 FRONT RH STANDARD STEER WHEEL ASSEMBLY WITH 23" TYRE**

Fig - Item	Part No	Description	Qty	Notes
3-1 1	LM2-418-00	FRONT RH 23" WHEEL PLATE	1	
2	YPAD1	NYLON WEAR PAD	2	
3	LM2-210-35	STABILISER CYLINDER	1	
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	XB12110Z	M12X110 HEX HEAD SCREW 8.8	2	
11	XW12AZ	M12 FORM A WASHER	2	
12	XN12N	M12 NYLOC NUT	2	
13	LM2-418-15	FRONT STANDARD WHEEL PLATE COVER	1	
14	XS06016Z	M6X16 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	XB16140Z	M16X140 HEX HEAD BOLT 10.9	2	
18	XW16SZ	M16 SPRING WASHER	4	
19	XW16AZ	M16 FORM A WASHER	4	
20	XB16150Z	M16X150 HEX HEAD BOLT 10.9	2	
21	YMOTOR10	FRONT MOTOR - 255CC/REV - MS02	1	
22	XSC14050Z	M14X50 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	5	

+ Item not illustrated

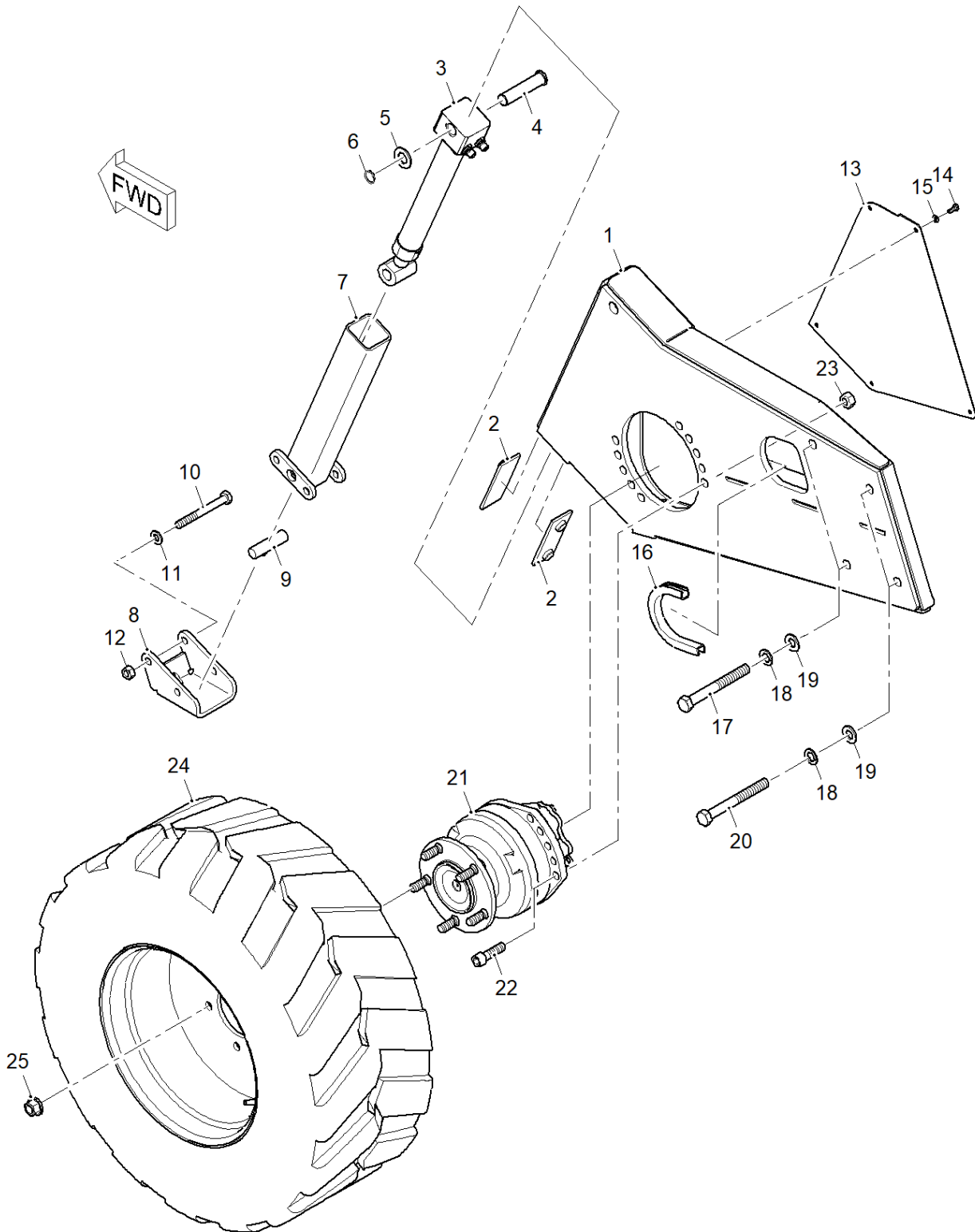


Fig 3-2 LM2-41-00 Front LH Standard Steer Wheel Assembly with 23" Tyre



**LM2-41-00 FRONT LH STANDARD STEER WHEEL ASSEMBLY WITH 23" TYRE**

Fig - Item	Part No	Description	Qty	Notes
3-2 1	LM2-417-00	FRONT LH 23" WHEEL PLATE	1	
2	XB16140Z	M16X140 HEX HEAD BOLT 10.9	2	
3	XW16SZ	M16 SPRING WASHER	4	
4	XW16AZ	M16 FORM A WASHER	4	
5	XB16150Z	M16X150 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	M6X16 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	XW20AZ	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	XB12110Z	M12X110 HEX HEAD SCREW 8.8	2	
19	XW12AZ	M12 FORM A WASHER	2	
20	XN12N	M12 NYLOC NUT	2	
21	YMOTOR10	FRONT MOTOR – 255 CC/REV - MS02	1	
22	XSC14050Z	M14X50 CAP HEAD SCREW 10.9	10	
23	XN14N	M14 NYLOC NUT	10	
24	YWHEEL7	23X9-10 COMPLETE WHEEL LH	1	
25	YWHLNUT1	M14 FLANGED WHEEL NUT	5	

+ Item not illustrated

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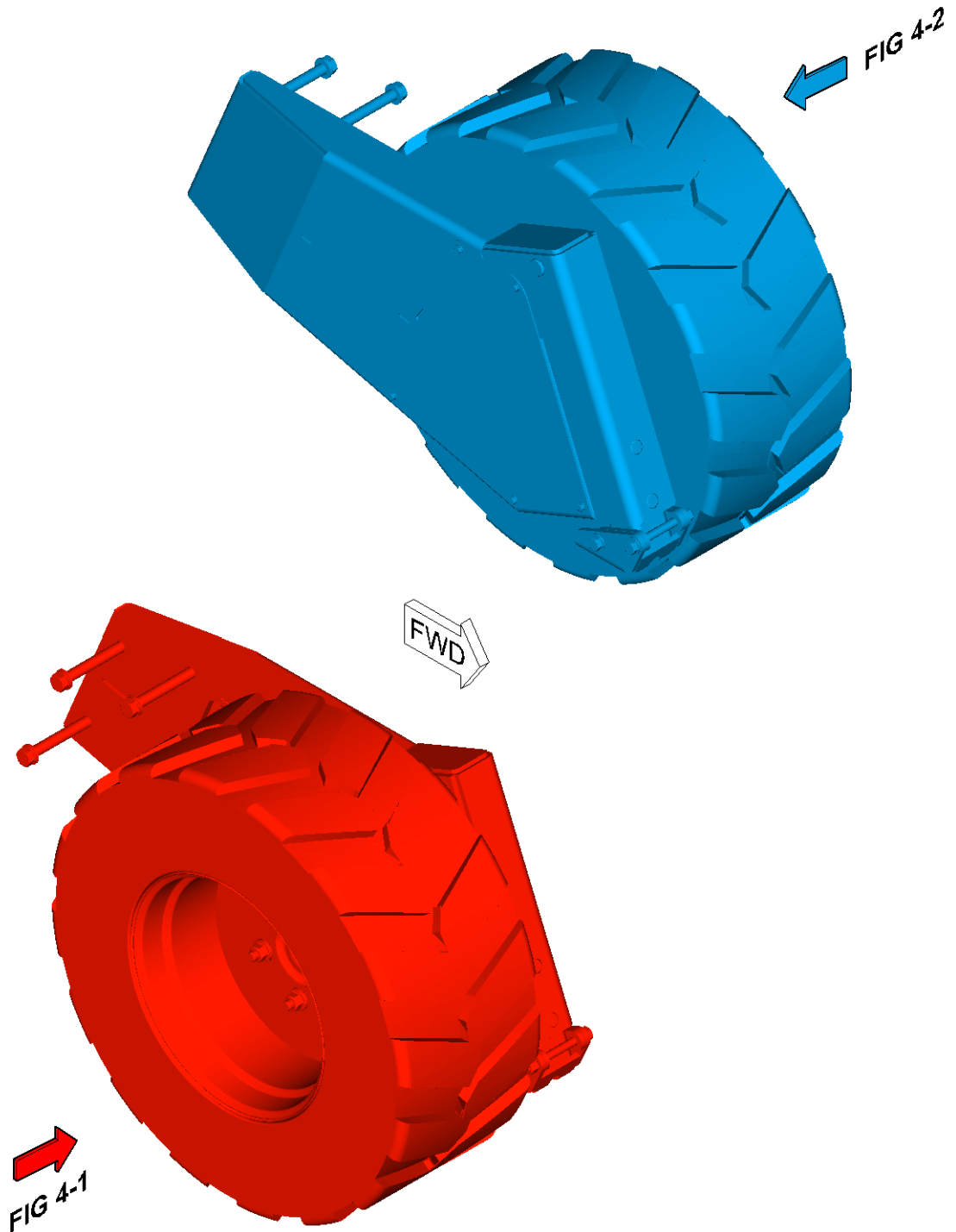


Fig 4 LM2-47-00 Front Standard Steer Wheel Assembly with 27" Tyre – Option - Breakdown

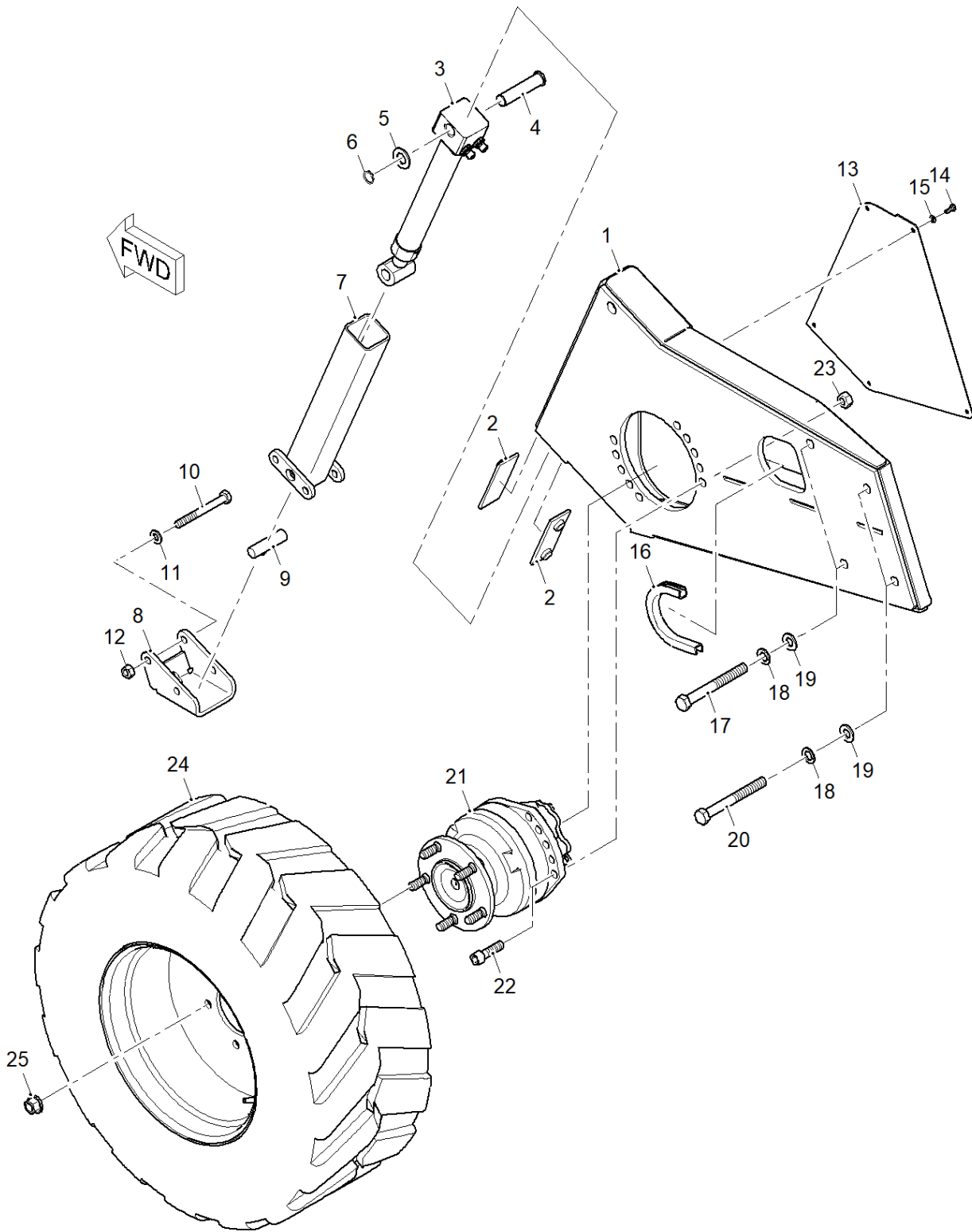


Fig 4-1 LM2-47-00 Front LH Standard Steer Wheel Assembly with 27" Tyre - Option

**LM2-47-00 FRONT LH STANDARD STEER WHEEL ASSEMBLY WITH 27" TYRE - OPTION**

Fig - Item	Part No	Description	Qty	Notes
4-1 1	LM2-417-20	FRONT LH 27" WHEEL PLATE	1	
2	YPAD1	NYLON WEAR PAD	2	
3	LM2-210-35	STABILISER CYLINDER	1	
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	XB12110Z	M12X110 HEX HEAD SCREW 8.8	2	
11	XW12AZ	M12 FORM A WASHER	2	
12	XN12N	M12 NYLOC NUT	2	
13	LM2-418-15	FRONT STANDARD WHEEL PLATE COVER	1	
14	XS06016Z	M6X16 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	XB16140Z	M16X140 HEX HEAD BOLT 10.9	2	
18	XW16SZ	M16 SPRING WASHER	4	
19	XW16AZ	M16 FORM A WASHER	4	
20	XB16150Z	M16X150 HEX HEAD BOLT 10.9	2	
21	YMOTOR4	FRONT MOTOR – 364 CC/REV - MS02	1	
22	XSC14050Z	M14X50 CAP HEAD SCREW 10.9	10	
23	XN14N	M14 NYLOC NUT	10	
24	YWHEEL11	27"x10-12 COMPLETE WHEEL LH	1	
25	YWHLNUT1	M14 FLANGED WHEEL NUT	5	

+ Item not illustrated

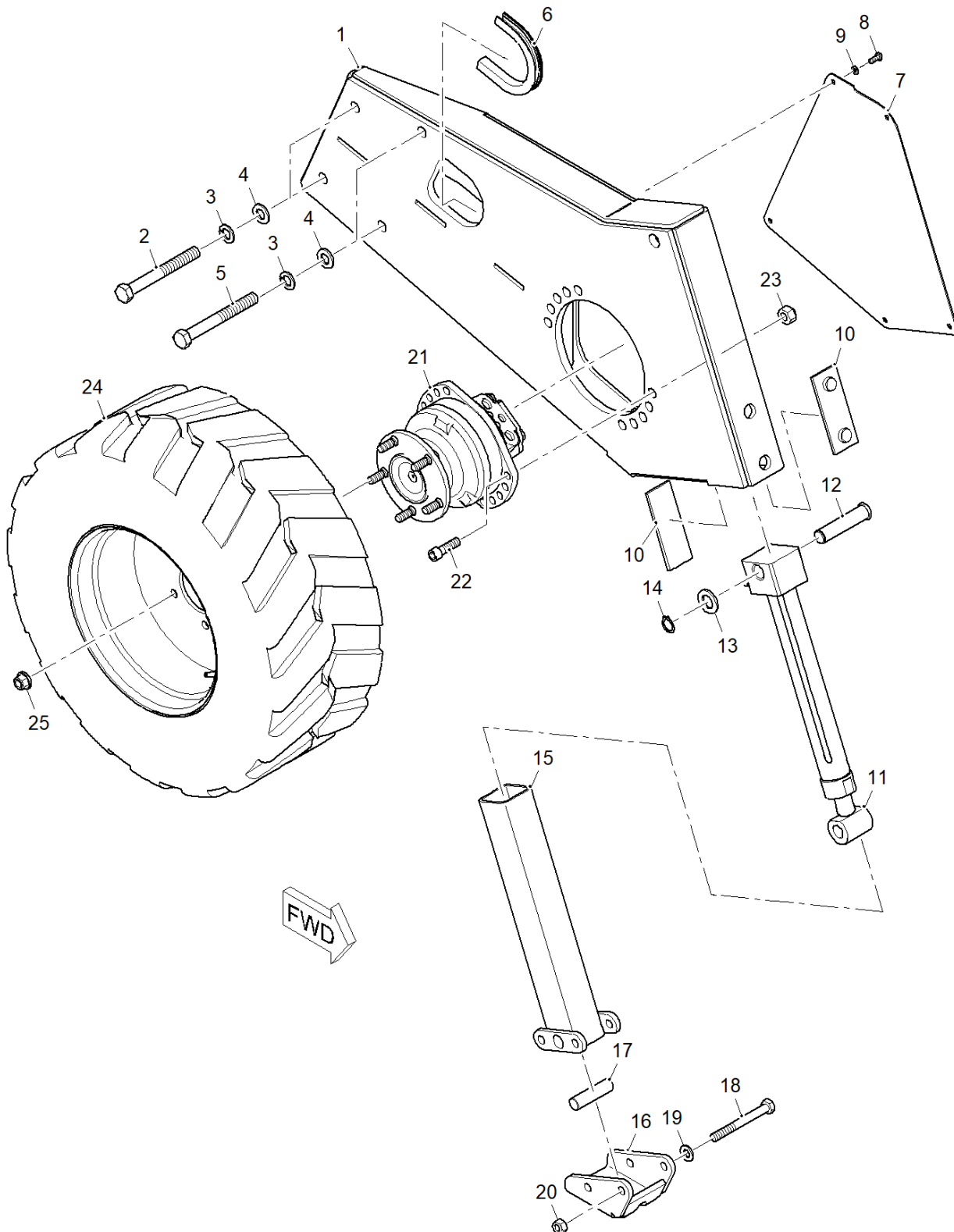


Fig 4-2 LM2-48-00 Front RH Standard Steer Wheel Assembly with 27" Tyre - Option

**LM2-48-00 FRONT RH STANDARD STEER WHEEL ASSEMBLY WITH 27" TYRE - OPTION**

Fig - Item	Part No	Description	Qty	Notes
4-2 1	LM2-418-20	FRONT RH 27" WHEEL PLATE	1	
2	XB16140Z	M16X140 HEX HEAD BOLT 10.9	2	
3	XW16SZ	M16 SPRING WASHER	4	
4	XW16AZ	M16 FORM A WASHER	4	
5	XB16150Z	M16X150 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	M6X16 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	XW20AZ	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	XB12110Z	M12X110 HEX HEAD SCREW 8.8	2	
19	XW12AZ	M12 FORM A WASHER	2	
20	XN12N	M12 NYLOC NUT	2	
21	YMOTOR4	FRONT MOTOR – 364 CC/REV - MS02	1	
22	XSC14050Z	M14X50 CAP HEAD SCREW 10.9	10	
23	XN14N	M14 NYLOC NUT	10	
24	YWHEEL22	27"x10-12 COMPLETE WHEEL RH	1	
25	YWHLNUT1	M14 FLANGED WHEEL NUT	5	

+ Item not illustrated

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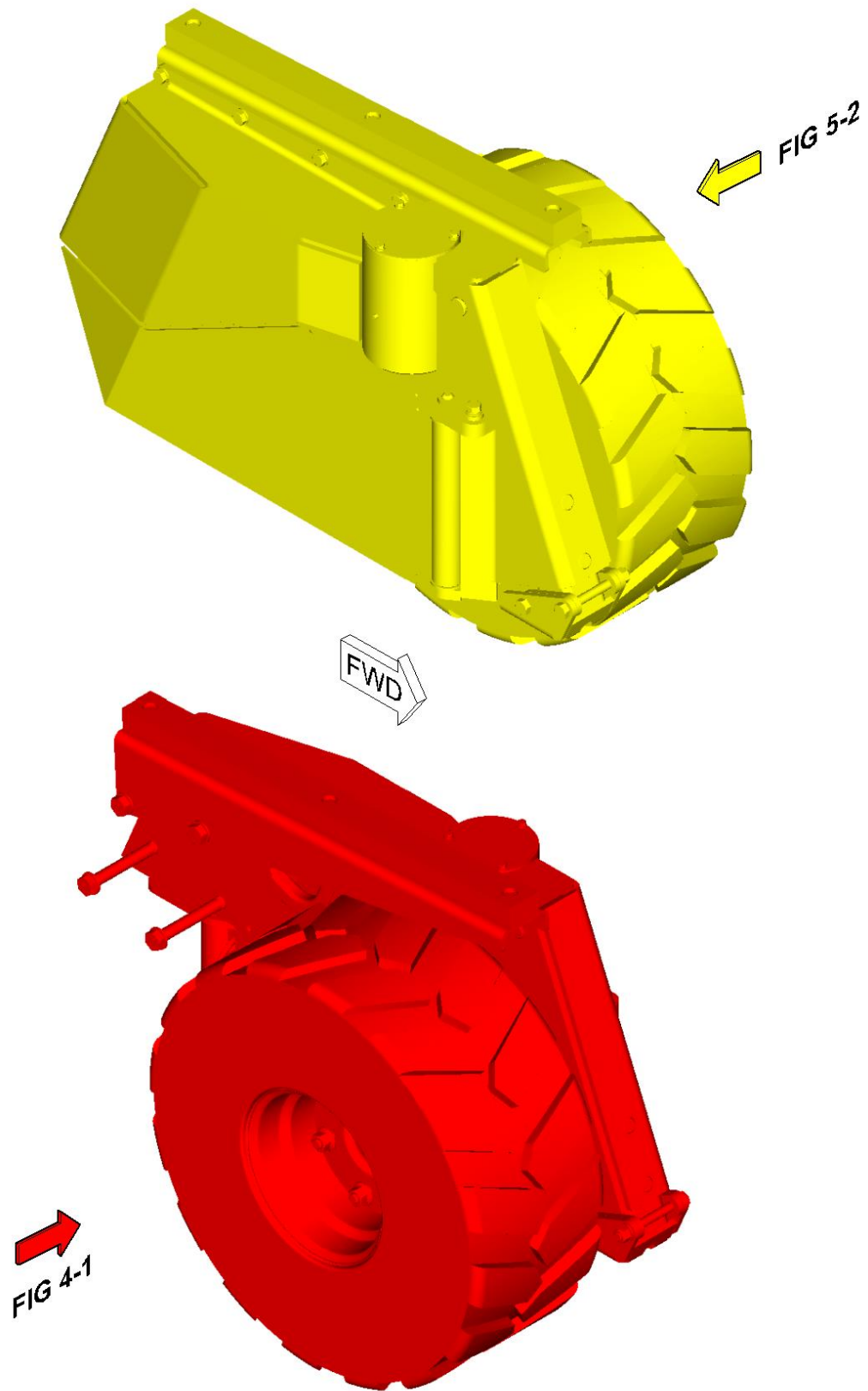


Fig 5 LM2-44-00 Front LH/RH Multi Directional Steer Wheel with 23" Tyres – Option - Breakdown

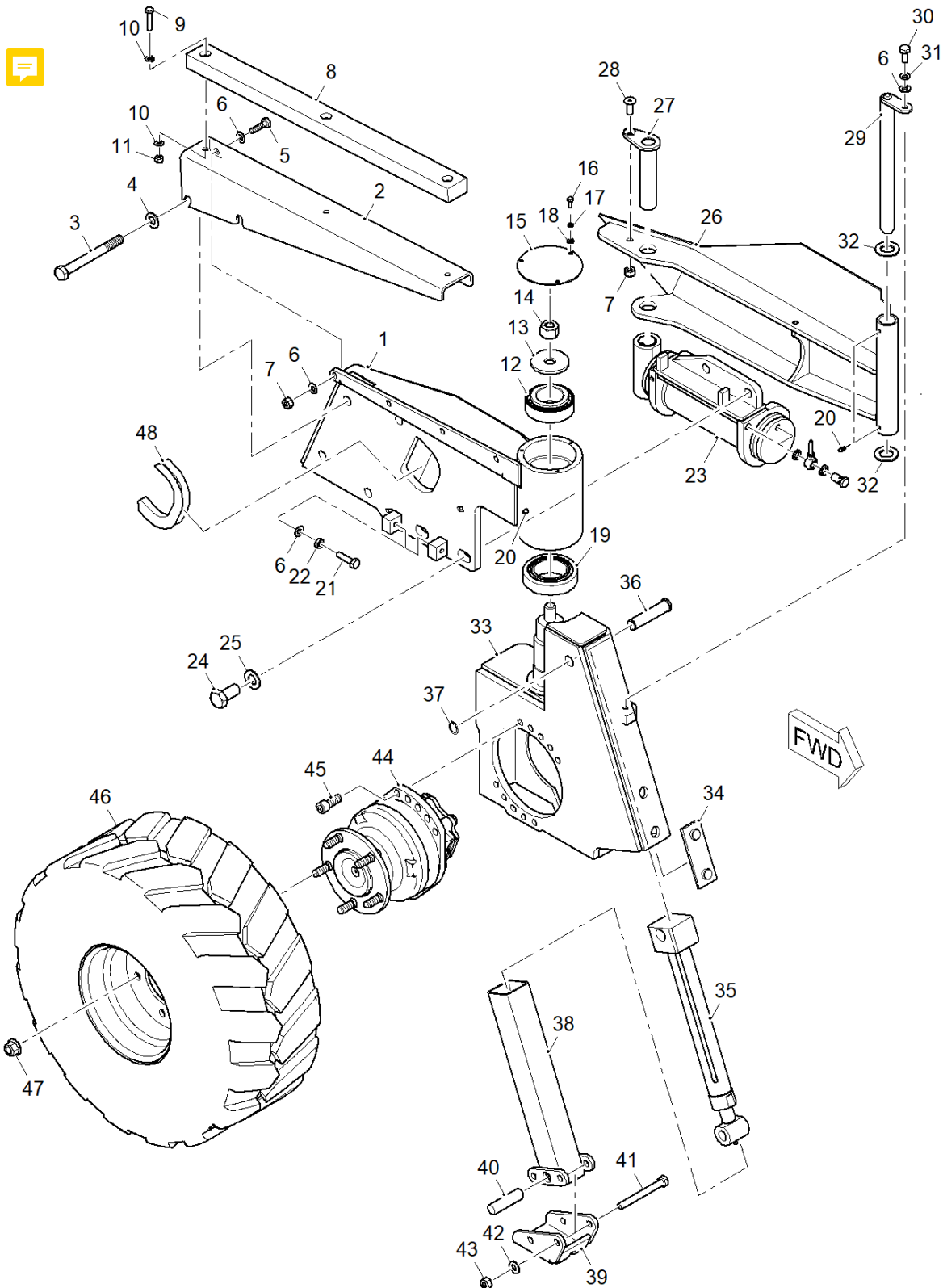


Fig 5-1 LM2-44-00 Front RH Multi-Directional Steer Wheel Assembly with 23" Tyre - Option

**LM2-44-00 FRONT RH MULTI-DIRECTIONAL STEER WHEEL ASSEMBLY WITH 23" TYRE - OPTION**

Fig - Item	Part No	Description	Qty	Notes
5-1 1	LM2-441-00	RH BEARING ARM WHEEL PLATE	1	
2	LM2-440-09	RH LOAD REST CHANNEL	1	
3	XB16150Z	M16X150 HEX HEAD BOLT 10.9	4	
4	XW16AZ	M16 FORM A WASHER	4	
5	XS10035Z	M10X35 HEX HEAD SCREW 8.8	4	
6	XW10AZ	M10 FORM A WASHER	11	
7	XN10N	M10 NYLOC NUT	5	
8	LM2-440-15	225 WOODEN LOAD REST	1	
9	XS08035Z	M8X35 HEX HEAD SCREW 8.8	3	
10	XW08AZ	M8 FORM A WASHER	6	
11	XN08N	M8 NYLOC NUT	3	
12	YBEARING33	TAPER ROLLER BEARING 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	M6X16 HEX HEAD SCREW 8.8	3	
17	XW06SZ	M6 SPRING WASHER	3	
18	XW06AZ	M6 FORM A WASHER	3	
19	YBEARING32	TAPER ROLLER BEARING 33112	1	
20	YGN0600	M6 STRAIGHT GREASE NIPPLE	3	
21	XS10040Z	M10X40 HEX HEAD SCREW 8.8	2	
22	XN10HZ	M10 PLAIN NUT	2	
23	LM2-210-38	RH MULTIDIRECTIONAL STEER CYLINDER	1	
24	XS20040Z	M20X40 HEX HEAD SCREW 8.8	2	
25	XW20AZ	M20 FORM A WASHER	2	
26	LM2-447-00	RH LINK ARM	1	

+ Item not illustrated

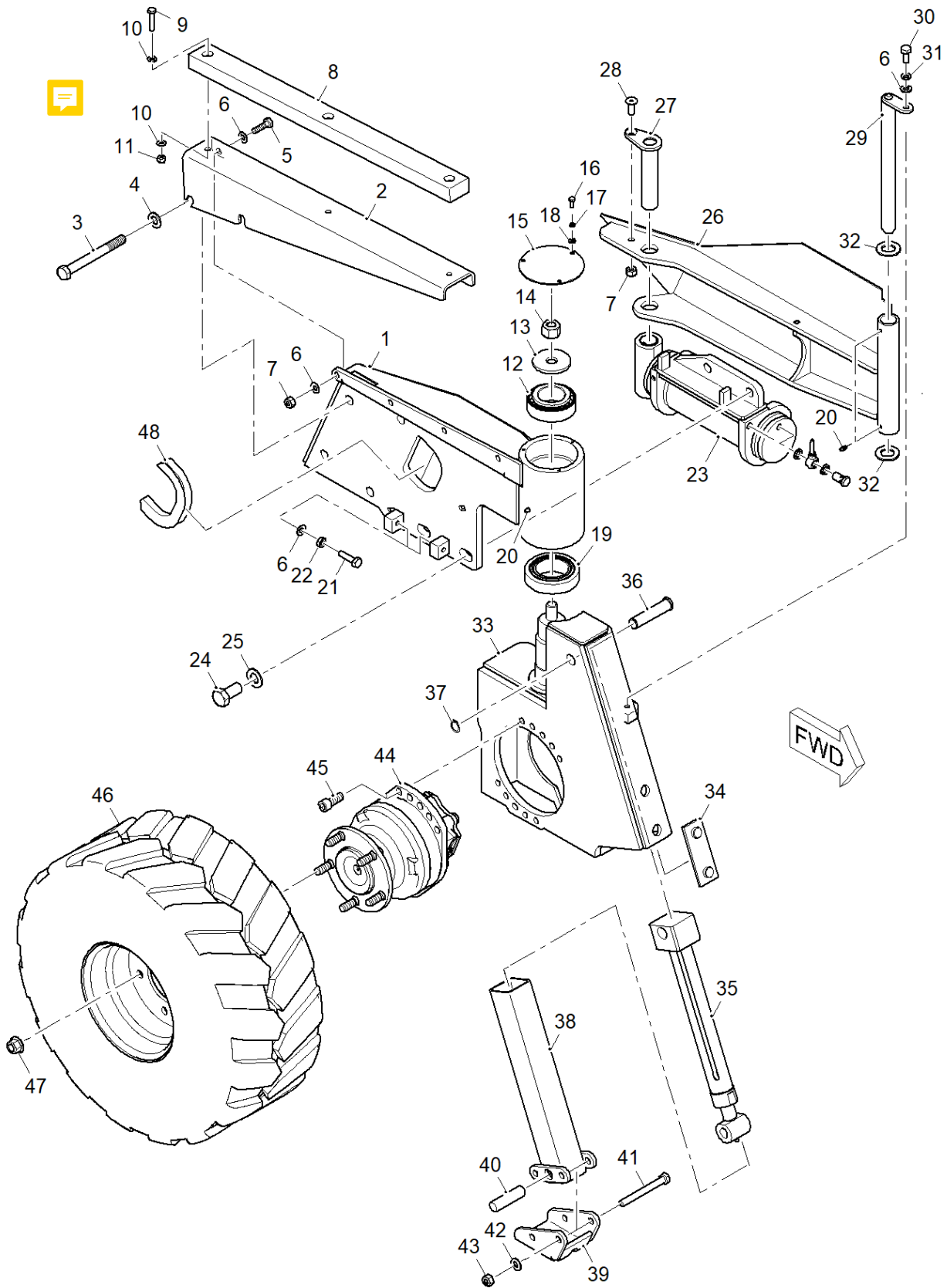


Fig 5-1 LM2-44-00 Front RH Multi-Directional Steer Wheel Assembly with 23" Tyre – Option (continued)

**LM2-44-00 FRONT RH MULTI-DIRECTIONAL STEER WHEEL ASSEMBLY WITH 23" TYRE – OPTION  
(CONTINUED)**

Fig - Item	Part No	Description	Qty	Notes
5-1 27	LM2-449-00	SHORT LINK ARM PIN	1	
28	XSK10030SKTZ	M10X30 COUNTERSINK SCREW 8.8	1	
29	LM2-448-00	LONG LINK ARM PIN	1	
30	XS10025Z	M10X25 HEX HEAD SCREW 8.8	1	
31	XW10SZ	M10 SPRING WASHER	1	
32	XW24AZ	M24 FORM A WASHER	1	
33	LM2-443-00	RH 23" MULTI-DIRECTIONAL WHEEL 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	XB12110Z	M12X110 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	XSC14035Z	M14X35 CAP HEAD SCREW 10.9	10	
46	YWHEEL8	23X9-10 COMPLETE WHEEL RH	1	
47	YWHLNUT1	M14 FLANGED WHEEL NUT	5	
48	LM2-440-16	15-17 MM EDGE TRIM 216 MM LONG	1	

+ Item not illustrated

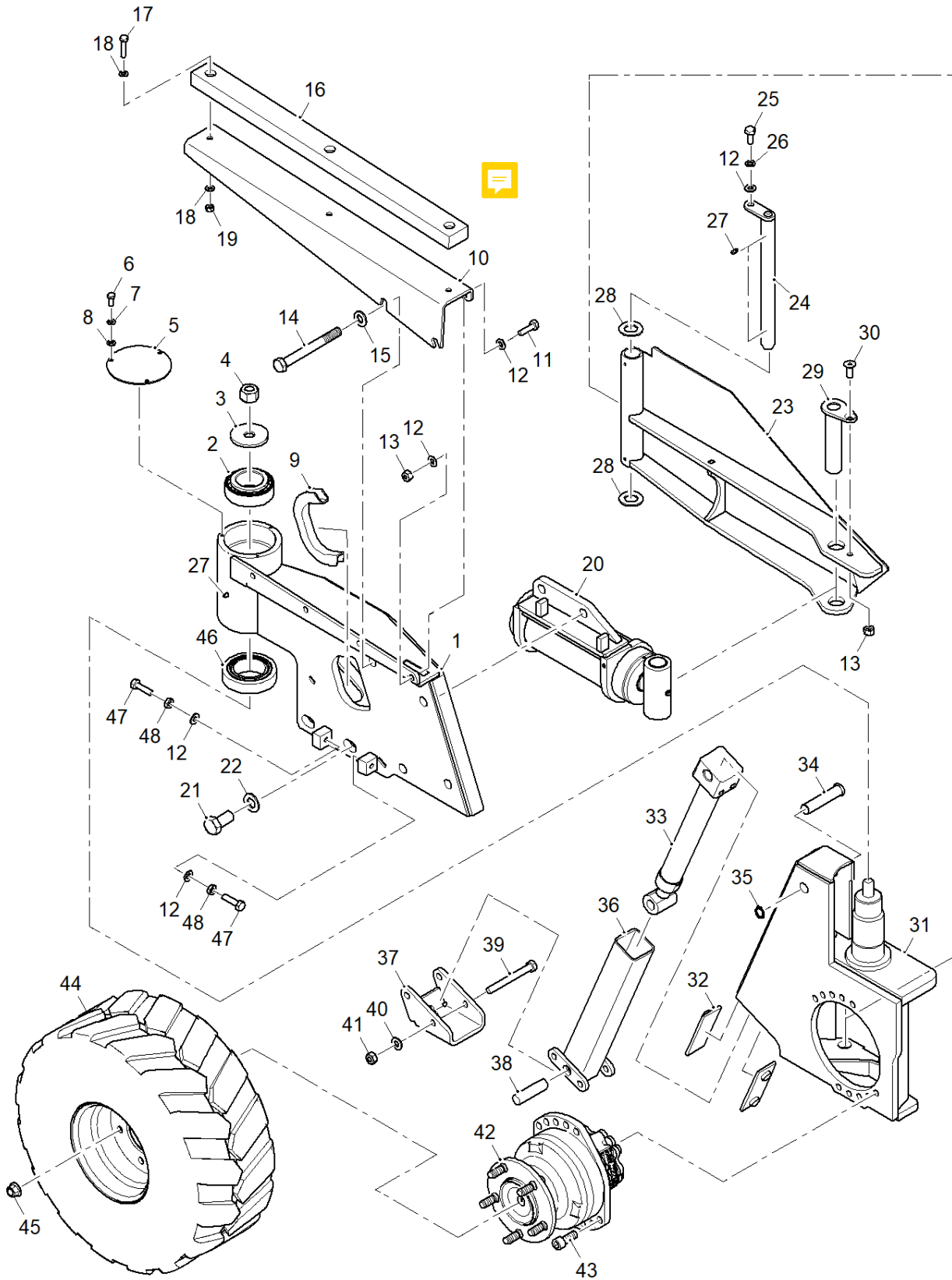


Fig 5-2 LM2-44-00 Front LH Multi-Directional Steer Wheel Assembly with 23" Tyre – Option

**LM2-44-00 FRONT LH MULTI-DIRECTIONAL STEER WHEEL ASSEMBLY WITH 23" TYRE – OPTION**

Fig - Item	Part No	Description	Qty	Notes
5-2 1	LM2-440-00	LH BEARING ARM WHEEL PLATE	1	
2	YBEARING33	TAPER ROLLER BEARING 33210	1	
3	LM2-44-07	TAPER BEARING SET RETAINING WASHER	1	
4	XN20N	M20 NYLOC NUT	1	
5	LM2-44-03	BEARING HOUSING CAP	1	
6	XS06016Z	M6X16 HEX HEAD SCREW 8.8	3	
7	XW06SZ	M6 SPRING WASHER	3	
8	XW06AZ	M6 FORM A WASHER	3	
9	LM2-440-16	15-17 MM EDGE TRIM 216 MM LONG	1	
10	LM2-440-13	LH LOAD REST CHANNEL	1	
11	XS10035Z	M10X35 HEX HEAD SCREW 8.8	4	
12	XW10AZ	M10 FORM A WASHER	11	
13	XN10N	M10 NYLOC NUT	5	
14	XB16150Z	M16X150 HEX HEAD BOLT 10.9	4	
15	XW16AZ	M16 FORM A WASHER	4	
16	LM2-440-15	225 WOODEN LOAD REST	1	
17	XS08035Z	M8X35 HEX HEAD SCREW 8.8	3	
18	XW08AZ	M8 FORM A WASHER	6	
19	XN08N	M8 NYLOC NUT	3	
20	LM2-210-37	LH MULTIDIRECTIONAL STEER CYLINDER	1	
21	XS20040Z	M20X40 HEX HEAD SCREW 8.8	2	
22	XW20AZ	M20 FORM A WASHER	2	
23	LM2-446-00	LH LINK ARM	1	
24	LM2-448-00	LONG LINK ARM PIN	1	
25	XS10025Z	M10X25 HEX HEAD SCREW 8.8	1	
26	XW10SZ	M10 SPRING WASHER	1	

+ Item not illustrated

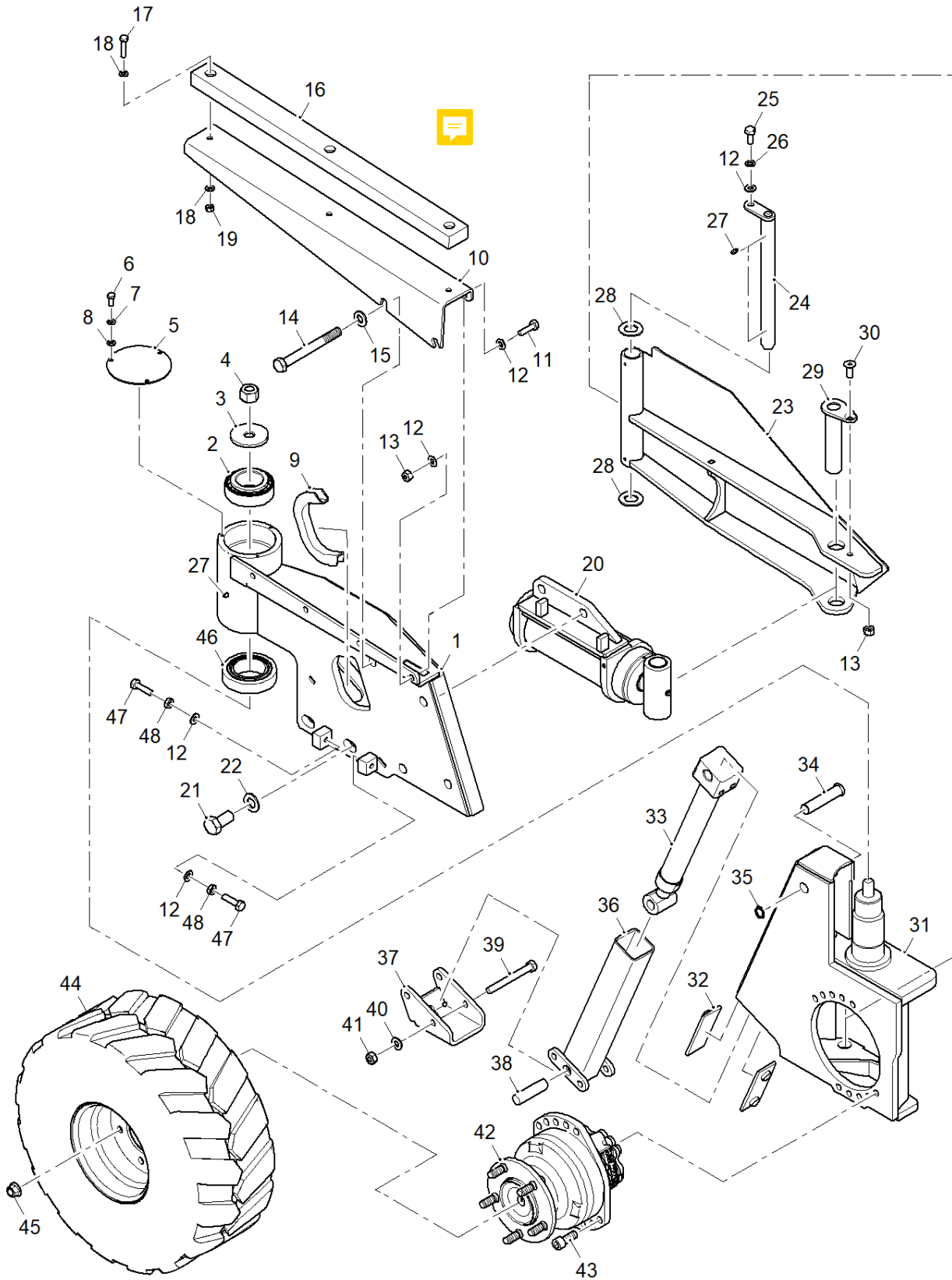


Fig 5-2 LM2-44-00 Front LH Multi-Directional Steer Wheel Assembly with 23" Tyre – Option (continued)



**LM2-44-00 FRONT LH MULTI-DIRECTIONAL STEER WHEEL ASSEMBLY WITH 23" TYRE – OPTION  
(CONTINUED)**

Fig - Item	Part No	Description	Qty	Notes
5-2 27	YGN0600	M6 STRAIGHT GREASE NIPPLE	3	
28	XW24AZ	M24 FORM A WASHER	2	
29	LM2-449-00	SHORT LINK ARM PIN	1	
30	XSK10030SKTZ	M10X30 COUNTERSINK SCREW 8.8	1	
31	LM2-442-00	LH 23" MULTI-DIRECTIONAL WHEEL PLATE	1	
32	YPAD1	NYLON WEAR PAD	2	
33	LM2-210-35	STABILISER CYLINDER	1	
34	LM2-44-01	TOP STABILISER PIN	1	
35	YCIRCLIP20	20 MM SHAFT EXTERNAL CIRCLIP	1	
36	LM2-416-00	STABILISER LEG	1	
37	LM2-416-03	STABILISER FOOT	1	
38	LM2-44-02	LOWER STABILISER PIN	1	
39	XB12110Z	M12X110 HEX HEAD SCREW 8.8	2	
40	XW12AZ	M12 FORM A WASHER	2	
41	XN12N	M12 NYLOC NUT	2	
42	YMOTOR10	FRONT MOTOR – 255 CC/REV - MS02	1	
43	XSC14035Z	M14X35 CAP HEAD SCREW 10.9	10	
44	YWHEEL7	23X9-10 COMPLETE WHEEL LH	1	
45	YWHLNUT1	M14 FLANGED WHEEL NUT	5	
46	YBEARING32	TAPER ROLLER BEARING 33112	1	
47	XS10040Z	M10X40 HEX HEAD SCREW 8.8	2	
48	XN10HZ	M10 PLAIN NUT	2	

+ Item not illustrated

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## CHAPTER 2

### LM2-22-50 MAST ASSEMBLY

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CHAPTER 2

LM2-22-50 MAST ASSEMBLY

CONTENTS

Fig		Page
1	LM2-22-50 – 2.6 Metre Mast Standard (S1-S2 Only) - Breakdown .....	3
1-1	LM2-22-50 – 2.6 Metre Mast Standard (S1-S2 Only) – Chain Assembly .....	4
1-2	LM2-22-50 – 2.6 Metre Mast Standard (S1-S2 Only) – Mast Assembly .....	6
1-3	LM2-22-50 – All Masts (S1-S2 Only) - Chain Roller .....	8
1-4	LM2-246-00 – 3.1 Metre Mast Option (S1-S2 Only) – Chain Assembly .....	10
1-5	LM2-246-00 – 3.1 Metre Mast Option (S1-S2 Only) – Mast Assembly .....	12
1-6	LM2-237-00 – 3.6 Metre Mast Option (S1-S2 Only) – Chain Assembly .....	14
1-7	LM2-237-00 – 3.6 Metre Mast Option (S1-S2 Only) – Mast Assembly .....	16
2	LM2-22-50 2.6 Metre Mast - Auxiliary Option 1 - Breakdown .....	19
2-1	LM2-22-50 2.6 Metre Mast - Auxiliary Option 1 .....	20
3	LM2-22-50 2.6 Metre Mast - Auxiliary Option 2 - Breakdown .....	23
3-1	LM2-22-50 2.6 Metre Mast - Auxiliary Option 2 .....	24
4	LM2-24-50 Stage 3 Mast Reach and Tilt Assembly - Breakdown .....	27
4-1	LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (Sheet 1 of 4) .....	28
4-2	LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (Sheet 2 of 4) .....	30
4-3	LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (Sheet 3 of 4) .....	32
4-4	LM2-24-50 Stage 3 Mast Reach And Tilt Assembly (Sheet 4 of 4) .....	34
5	LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Auxillary 2 Option .....	37
5-1	LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Auxiliary 2 Option .....	38
6	LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Telescopic Options .....	41
6-1	LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Telescopic Forks Option....	42
7	LM2-26-00 Fork Position Carriage Option .....	45
7-1	LM2-26-00 Fork Position Carriage Option (Sheet 1) .....	46
7-2	LM2-26-00 Fork Position Carriage Option (Sheet 2) .....	48

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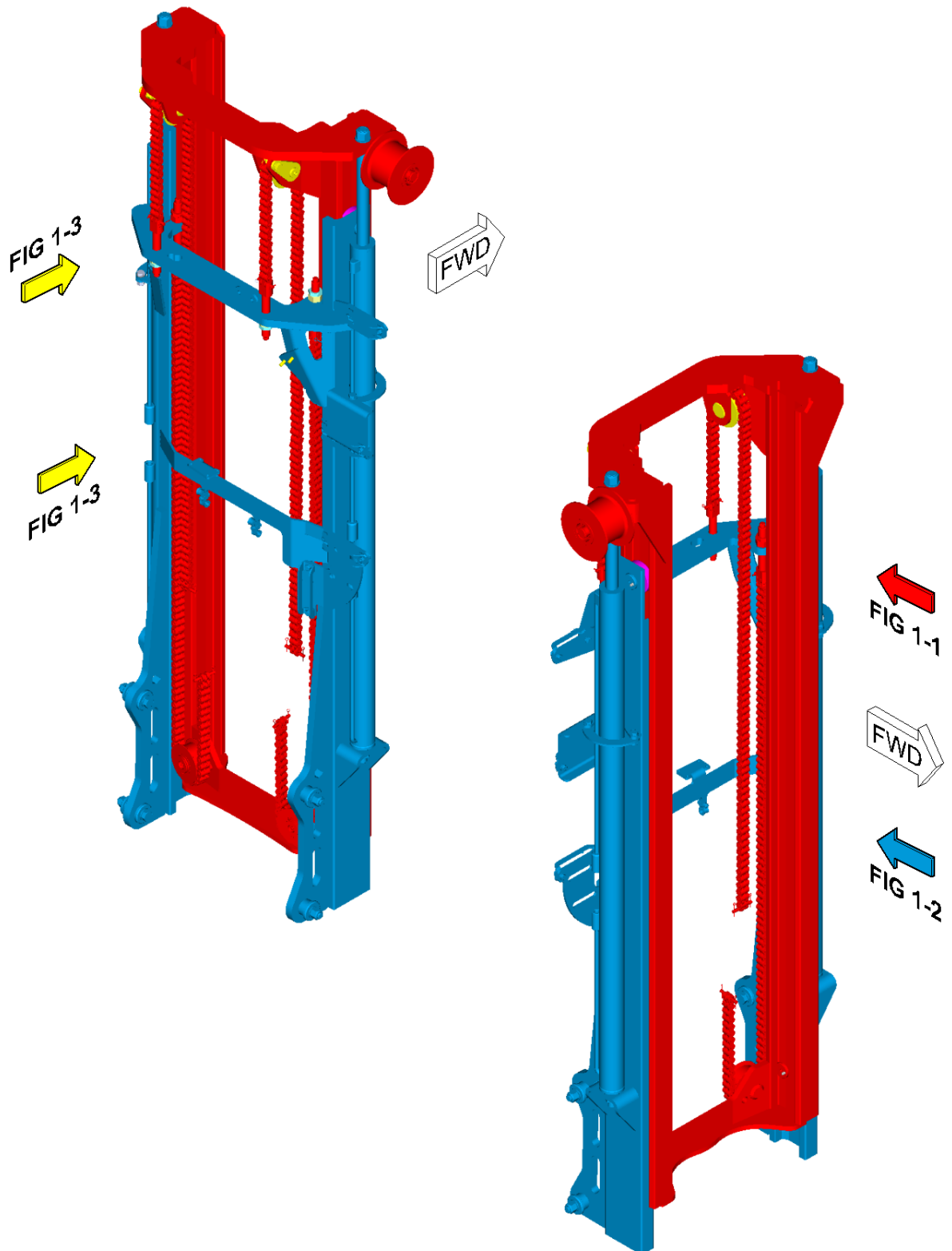


Fig 1 LM2-22-50 – 2.6 Metre Mast Standard (S1-S2 Only) - Breakdown

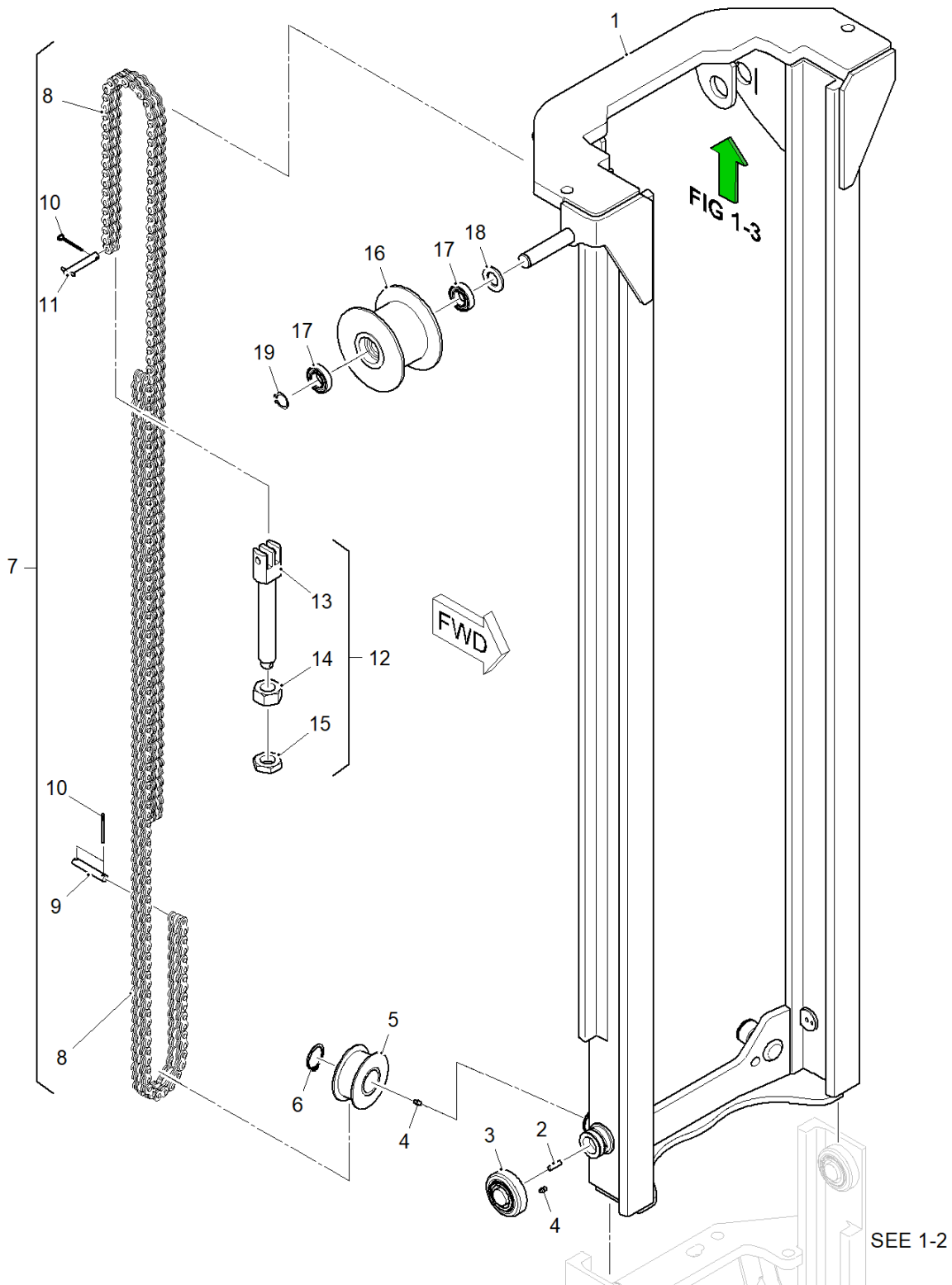


Fig 1-1 LM2-22-50 – 2.6 Metre Mast Standard (S1-S2 Only) – Chain Assembly



**LM2-22-50 – 2.6 METRE MAST STANDARD (S1-S2 ONLY) – CHAIN ASSEMBLY**

Fig - Item	Part No	Description	Qty	Notes
1-1 1	LM2-256-00	STAGE 2 MAST 2.6 M	1	STANDARD
2	XG08025Z	M8X25 STEEL GRUB SCREW	4	
3	YBEARING7	MAST 77.7 MM PARALLEL BEARING SET	2	
4	YGN0600	M6 STRAIGHT GREASE NIPPLE	4	
5	YROLLER1	MAST CHAIN ROLLER BEARING	2	
6	YCIRCLIP10	40 MM SHAFT EXTERNAL CIRCLIP	2	
7	YCHAINKIT3	2.6 M MAST CHAIN KIT	1	
8	YCHAIN2_OUTER_LINKS	... PART OF YCHAINKIT3	1	
9	YCHAINPIN2	PART OF YCHAINKIT3	4	
10	XSP02032Z	... PART OF YCHAINKIT3	12	
11	YCHAINPIN1	PART OF YCHAINKIT3	4	
12	YCHAINPINKIT1	CHAIN PIN KIT		
13	YCHAINBOLT1	... PART OF YCHAINPINKIT1	4	
14	XN20Z	... PART OF YCHAINPINKIT1	4	
15	XN20HZB	... PART OF YCHAINPINKIT1	4	
16	LM1-204-01	HOSE ROLLER - 6 BERTH	1	
17	YBEARING18	48 MM SEALED ROLLER BEARING	2	
18	XW24AZ	M24 FORM A WASHER	1	
19	YCIRCLIP5	25 MM SHAFT EXTERNAL CIRCLIP	1	

+ Item not illustrated

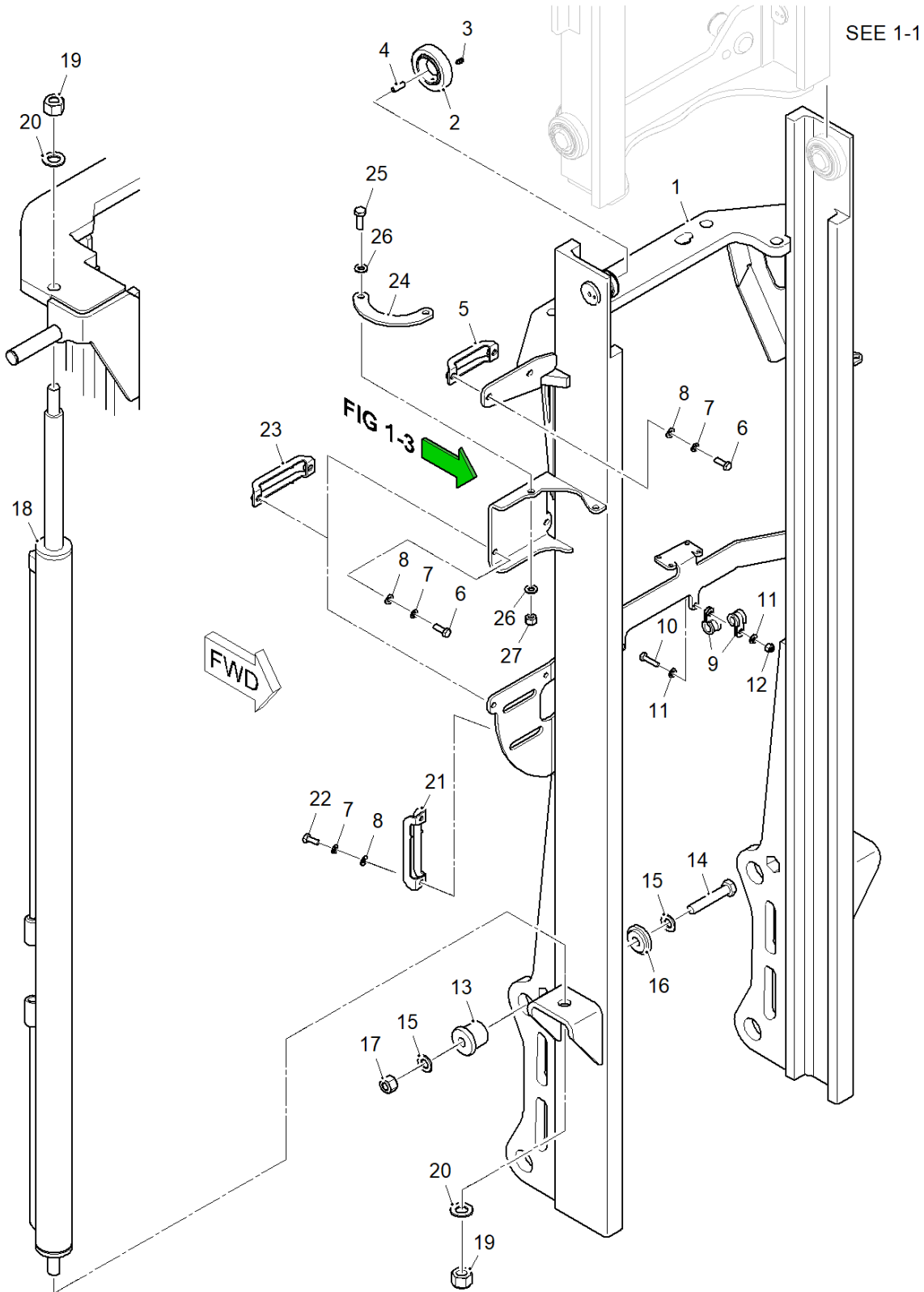


Fig 1-2 LM2-22-50 – 2.6 Metre Mast Standard (S1-S2 Only) – Mast Assembly

**LM2-22-50 – 2.6 METRE MAST STANDARD (S1-S2 ONLY) – MAST ASSEMBLY**

Fig - Item	Part No	Description	Qty	Notes
1-2 1	LM2-261-00	STAGE 1 MAST - 2.6 M	1	
2	YBEARING23	MAST 78 MM 1 DEG TAPPER BEARING SET	2	
4	XG08025Z	M8X25 STEEL GRUB SCREW	2	
5	LM2-218-03	HOSE CLAMP - 6 BERTH	1	
6	XS08025Z	M8X25 HEX HEAD SCREW 8.8	4	
7	XW08SZ	M8 SPRING WASHER	5	
8	XW08AZ	M8 FORM A WASHER	5	
9	YPCLIP13	13 MM P CLIP	4	
10	XS06025Z	M6X25 HEX HEAD SCREW 8.8	2	
11	XW06AZ	M6 FORM A WASHER	4	
12	XN06N	M6 NYLOC NUT	2	
13	LM2-200-18	MAST FIXING BOSS	4	
14	XS16085Z	M16X85 HEX HEAD SCREW 8.8	4	
15	XW16AZ	M16 FORM A WASHER	8	
16	LM2-200-19	MAST FIXING BOSS CAP	4	
17	XN16N	M16 NYLOC NUT	4	
18	LM2-210-05	2.6 M LIFT CYLINDER	2	
19	XN20N	M20 NYLOC NUT	4	
20	XW20AZ	M20 FORM A WASHER	4	
21	LM2-218-13	HOSE CLAMP - 8 BERTH ANGLED	1	
22	XS08020Z	M8X20 HEX HEAD SCREW 8.8	2	
23	LM2-218-20	HOSE CLAMP - 8 BERTH STRAIGHT	2	
24	LM2-240-19	CYLINDER CLAMP LATCH	2	
25	XS10030Z	M10X30 HEX HEAD SCREW 8.8	4	
26	XW10AZ	M10 FORM A WASHER	6	
27	XN10N	M10 NYLOC NUT	3	

+ Item not illustrated

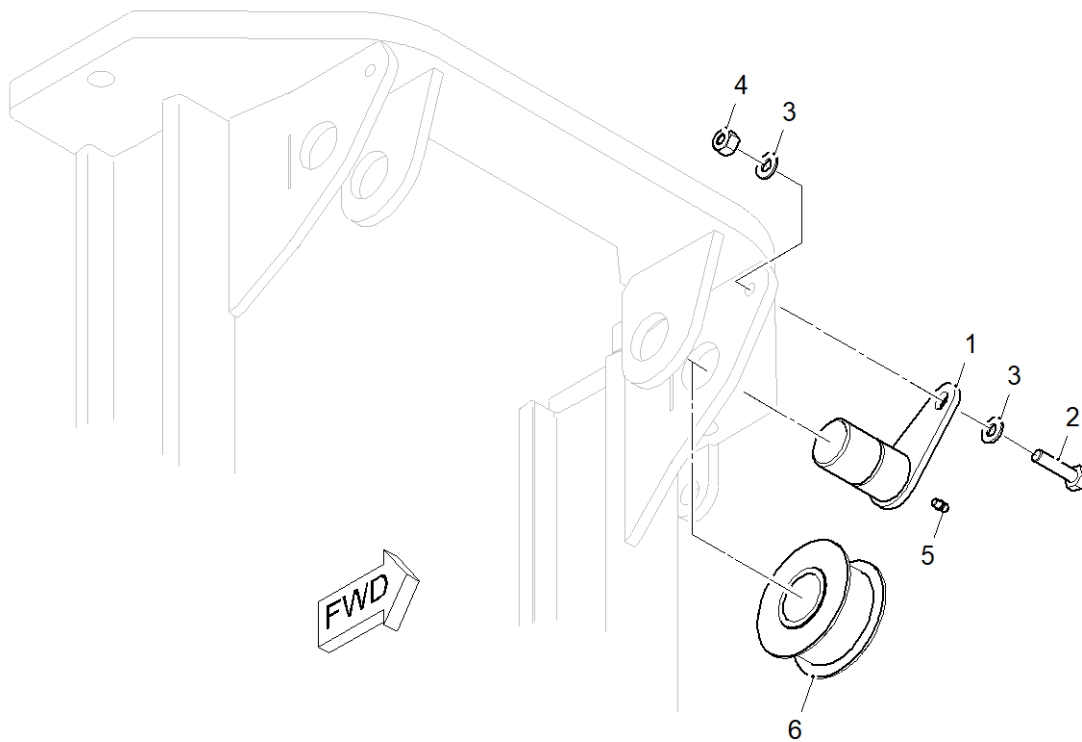


Fig 1-3 LM2-22-50 – All Masts (S1-S2 Only) – Chain Roller

**LM2-22-50 –ALL MASTS (S1-S2 ONLY) – CHAIN ROLLER**

Fig - Item	Part No	Description	Qty	Notes
1-3 1	LM2-214-00	STANDARD CHAIN ROLLER PIN	2	
2	XS10040Z	M10X40 HEX HEAD SCREW 8.8	2	
3	XW10AZ	M10 FORM A WASHER	6	
4	XN10N	M10 NYLOC NUT	3	
5	YGN0600	M6 STRAIGHT GREASE NIPPLE	4	
6	YROLLER1	MAST CHAIN ROLLER BEARING	2	

+ Item not illustrated

3.1 METRE MAST OPTION (S1-S2 ONLY) – CHAIN ASSEMBLY

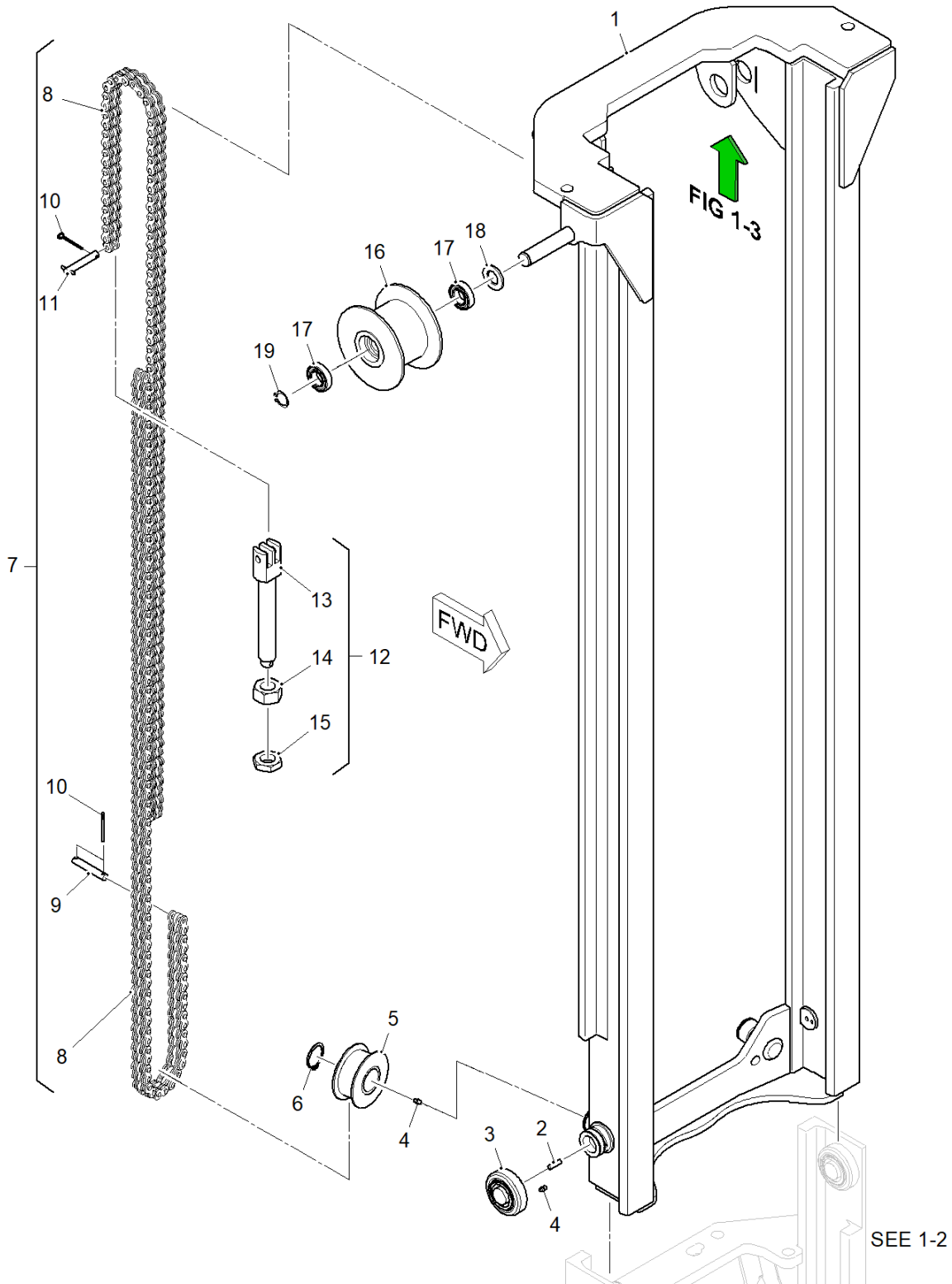


Fig 1-4 LM2-246-00 – 3.1 Metre Mast Option (S1-S2 Only) – Chain Assembly

**LM2-246-00 – 3.1 METRE MAST OPTION (S1-S2 ONLY) – CHAIN ASSEMBLY**

Fig - Item	Part No	Description	Qty	Notes
1-4 1	LM2-246-00	STAGE 2 MAST 3-1 M	1	
2	XG08025Z	M8X25 STEEL GRUB SCREW	4	
3	YBEARING7	MAST 77.7 MM PARALLEL BEARING SET	2	
4	YGN0600	M6 STRAIGHT GREASE NIPPLE	4	
5	YROLLER1	MAST CHAIN ROLLER BEARING	2	
6	YCIRCLIP10	40 MM SHAFT EXTERNAL CIRCLIP	2	
7	YCHAINKIT1	3.1 M MAST CHAIN KIT	1	
8	YCHAIN2_OUTER_LINKS	... PART OF YCHAINKIT1	1	
9	YCHAINPIN2	PART OF YCHAINKIT1	4	
10	XSP02032Z	... PART OF YCHAINKIT1	12	
11	YCHAINPIN1	PART OF YCHAINKIT1	4	
12	YCHAINPINKIT1	CHAIN PIN KIT		
13	YCHAINBOLT1	... PART OF YCHAINPINKIT1	4	
14	XN20Z	... PART OF YCHAINPINKIT1	4	
15	XN20HZB	... PART OF YCHAINPINKIT1	4	
16	LM1-204-01	HOSE ROLLER - 6 BERTH	1	
17	YBEARING18	48 MM SEALED ROLLER BEARING	2	
18	XW24AZ	M24 FORM A WASHER	1	
19	YCIRCLIP5	25 MM SHAFT EXTERNAL CIRCLIP	1	

+ Item not illustrated

3.1 METRE MAST OPTION (S1-S2 ONLY) – MAST ASSEMBLY

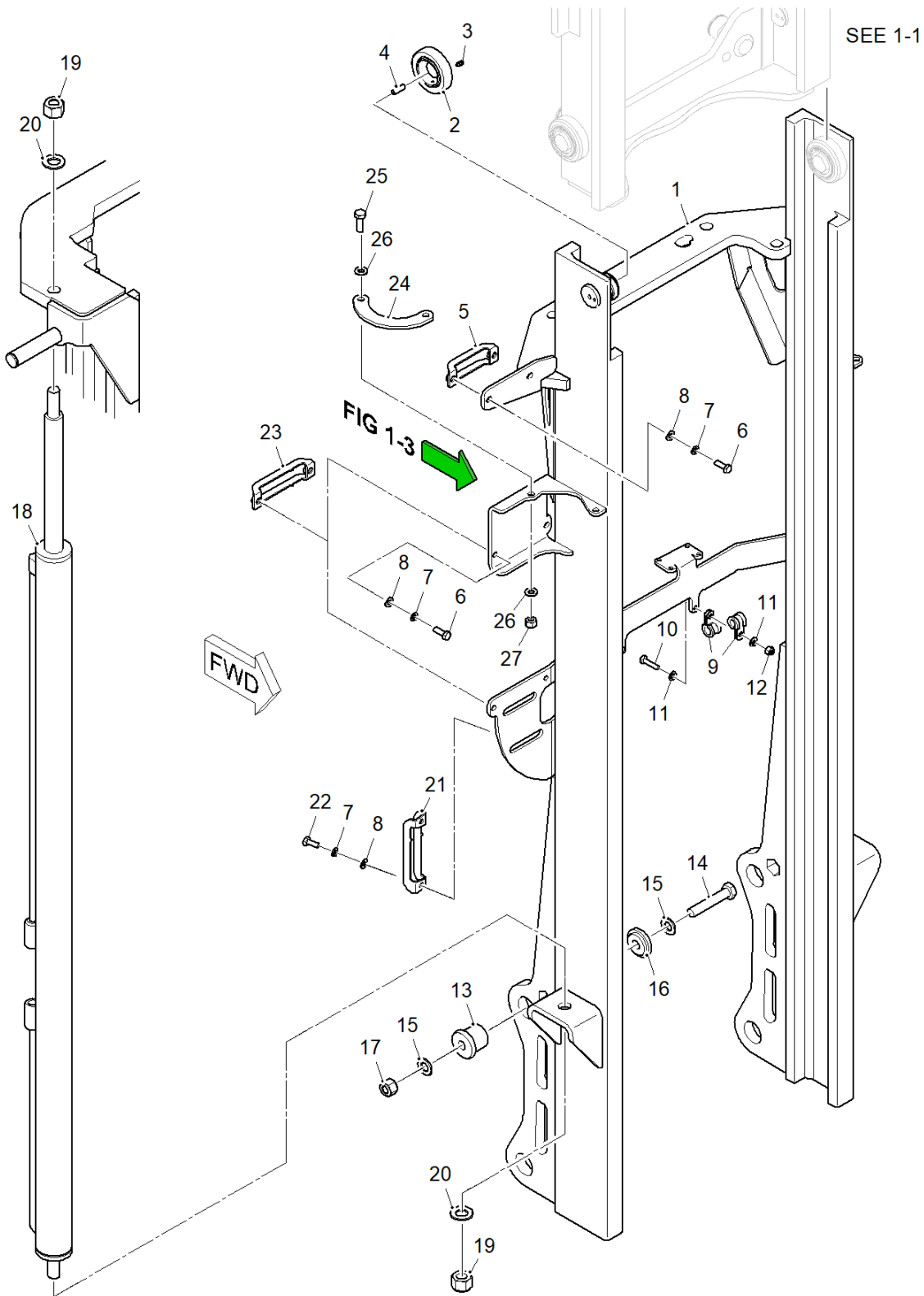


Fig 1-5 LM2-246-00 – 3.1 Metre Mast Option (S1-S2 Only) – Mast Assembly



**LM2-22-50 – 3.1 METRE MAST OPTION (S1-S2 ONLY) – MAST ASSEMBLY**

Fig - Item	Part No	Description	Qty	Notes
1-5 1	LM2-246-00	STAGE 1 MAST - 3.1 M	1	
2	YBEARING23	MAST 78 MM 1 DEG TAPPER BEARING SET	2	
4	XG08025Z	M8X25 STEEL GRUB SCREW	2	
5	LM2-218-03	HOSE CLAMP - 6 BERTH	1	
6	XS08025Z	M8X25 HEX HEAD SCREW 8.8	4	
7	XW08SZ	M8 SPRING WASHER	5	
8	XW08AZ	M8 FORM A WASHER	5	
9	YPCLIP13	13 MM P CLIP	4	
10	XS06025Z	M6X25 HEX HEAD SCREW 8.8	2	
11	XW06AZ	M6 FORM A WASHER	4	
12	XN06N	M6 NYLOC NUT	2	
13	LM2-200-18	MAST FIXING BOSS	4	
14	XS16085Z	M16X85 HEX HEAD SCREW 8.8	4	
15	XW16AZ	M16 FORM A WASHER	8	
16	LM2-200-19	MAST FIXING BOSS CAP	4	
17	XN16N	M16 NYLOC NUT	4	
18	LM2-210-06	3.1 M LIFT CYLINDER	2	
19	XN20N	M20 NYLOC NUT	4	
20	XW20AZ	M20 FORM A WASHER	4	
21	LM2-218-13	HOSE CLAMP - 8 BERTH ANGLED	1	
22	XS08020Z	M8X20 HEX HEAD SCREW 8.8	2	
23	LM2-218-20	HOSE CLAMP - 8 BERTH STRAIGHT	2	
24	LM2-240-19	CYLINDER CLAMP LATCH	2	
25	XS10030Z	M10X30 HEX HEAD SCREW 8.8	4	
26	XW10AZ	M10 FORM A WASHER	6	
27	XN10N	M10 NYLOC NUT	3	

+ Item not illustrated

3.6 METRE MAST OPTION (S1-S2 ONLY) – CHAIN ASSEMBLY

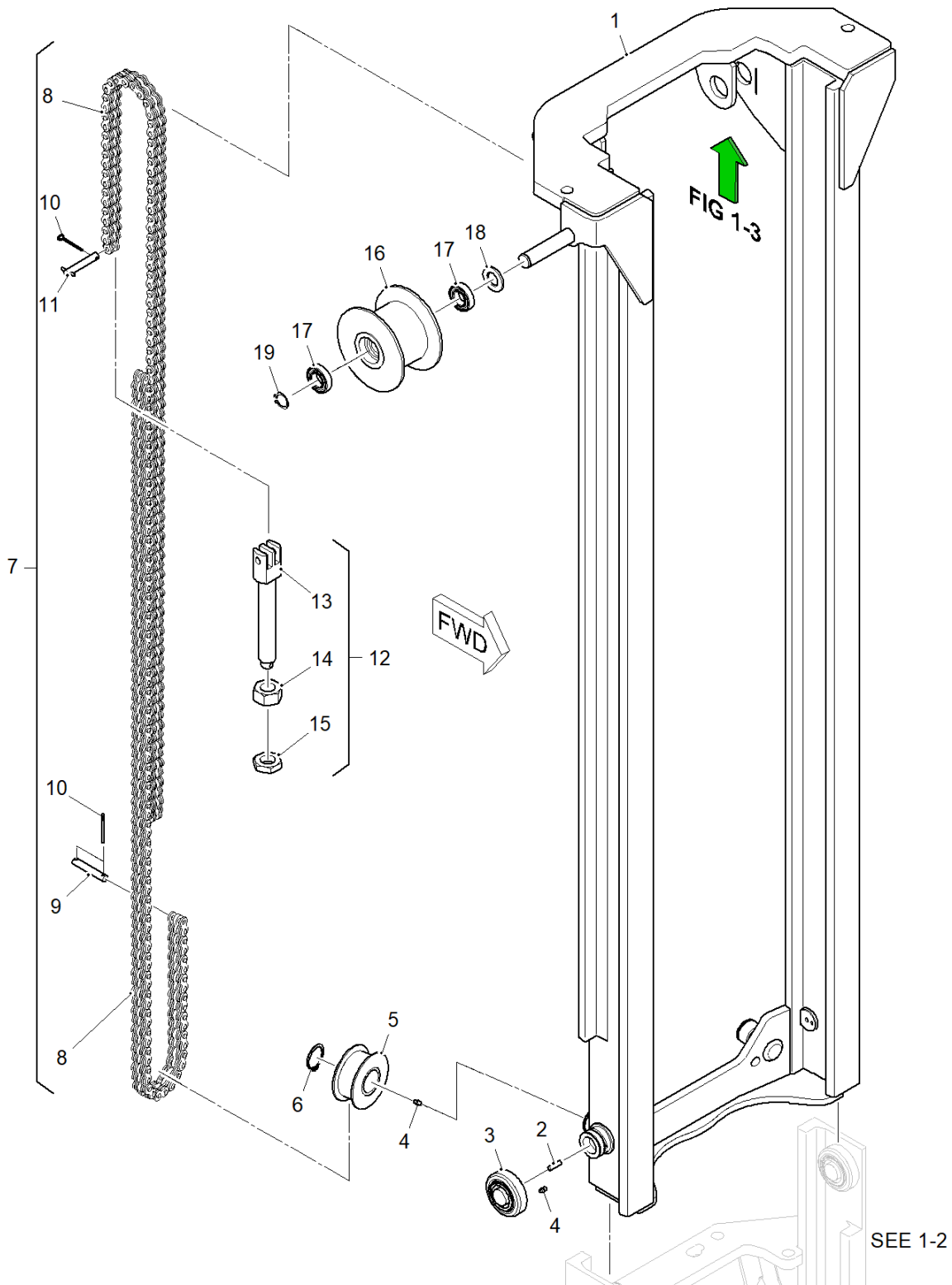


Fig 1-6 LM2-237-00 – 3.6 Metre Mast Option (S1-S2 Only) – Chain Assembly

**LM2-237-00 – 3.6 METRE MAST OPTION (S1-S2 ONLY) – CHAIN ASSEMBLY**

Fig - Item	Part No	Description	Qty	Notes
1-6 1	LM2-237-00	STAGE 2 MAST 3-6 M	1	
2	XG08025Z	M8X25 STEEL GRUB SCREW	4	
3	YBEARING7	MAST 77.7 MM PARALLEL BEARING SET	2	
4	YGN0600	M6 STRAIGHT GREASE NIPPLE	4	
5	YROLLER1	MAST CHAIN ROLLER BEARING	2	
6	YCIRCLIP10	40 MM SHAFT EXTERNAL CIRCLIP	2	
7	YCHAINKIT2	3.6 M MAST CHAIN KIT	1	
8	YCHAIN2_OUTER_LINKS	... PART OF YCHAINKIT2	1	
9	YCHAINPIN2	PART OF YCHAINKIT2	4	
10	XSP02032Z	... PART OF YCHAINKIT2	12	
11	YCHAINPIN1	PART OF YCHAINKIT2	4	
12	YCHAINPINKIT1	CHAIN PIN KIT		
13	YCHAINBOLT1	... PART OF YCHAINPINKIT1	4	
14	XN20Z	... PART OF YCHAINPINKIT1	4	
15	XN20HZB	... PART OF YCHAINPINKIT1	4	
16	LM1-204-01	HOSE ROLLER - 6 BERTH	1	
17	YBEARING18	48 MM SEALED ROLLER BEARING	2	
18	XW24AZ	M24 FORM A WASHER	1	
19	YCIRCLIP5	25 MM SHAFT EXTERNAL CIRCLIP	1	

+ Item not illustrated

3.6 METRE MAST OPTION (S1-S2 ONLY) – MAST ASSEMBLY

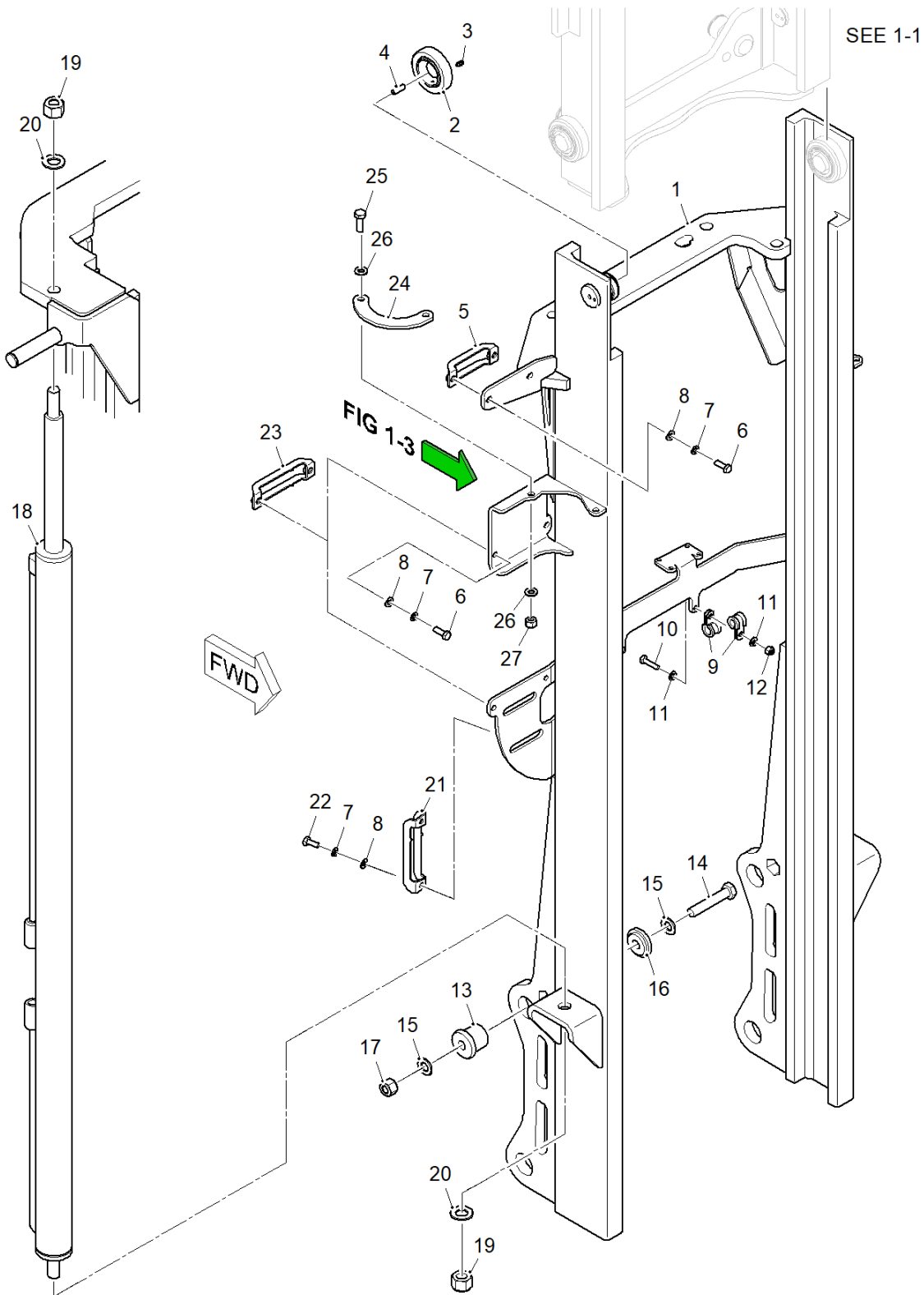


Fig 1-7 LM2-237-00 – 3.6 Metre Mast Option (S1-S2 Only) – Mast Assembly

**LM2-237-00 – 3.6 METRE MAST OPTION (S1-S2 ONLY) – MAST ASSEMBLY**

Fig - Item	Part No	Description	Qty	Notes
1-7 1	LM2-237-00	STAGE 1 MAST - 3.6 M	1	
2	YBEARING23	MAST 78 MM 1 DEG TAPPER BEARING SET	2	
4	XG08025Z	M8X25 STEEL GRUB SCREW	2	
5	LM2-218-03	HOSE CLAMP - 6 BERTH	1	
6	XS08025Z	M8X25 HEX HEAD SCREW 8.8	4	
7	XW08SZ	M8 SPRING WASHER	5	
8	XW08AZ	M8 FORM A WASHER	5	
9	YPCLIP13	13 MM P CLIP	4	
10	XS06025Z	M6X25 HEX HEAD SCREW 8.8	2	
11	XW06AZ	M6 FORM A WASHER	4	
12	XN06N	M6 NYLOC NUT	2	
13	LM2-200-18	MAST FIXING BOSS	4	
14	XS16085Z	M16X85 HEX HEAD SCREW 8.8	4	
15	XW16AZ	M16 FORM A WASHER	8	
16	LM2-200-19	MAST FIXING BOSS CAP	4	
17	XN16N	M16 NYLOC NUT	4	
18	LM2-210-07	3.6 M LIFT CYLINDER	2	
19	XN20N	M20 NYLOC NUT	4	
20	XW20AZ	M20 FORM A WASHER	4	
21	LM2-218-13	HOSE CLAMP - 8 BERTH ANGLED	1	
22	XS08020Z	M8X20 HEX HEAD SCREW 8.8	2	
23	LM2-218-20	HOSE CLAMP - 8 BERTH STRAIGHT	2	
24	LM2-240-19	CYLINDER CLAMP LATCH	2	
25	XS10030Z	M10X30 HEX HEAD SCREW 8.8	4	
26	XW10AZ	M10 FORM A WASHER	6	
27	XN10N	M10 NYLOC NUT	3	

+ Item not illustrated

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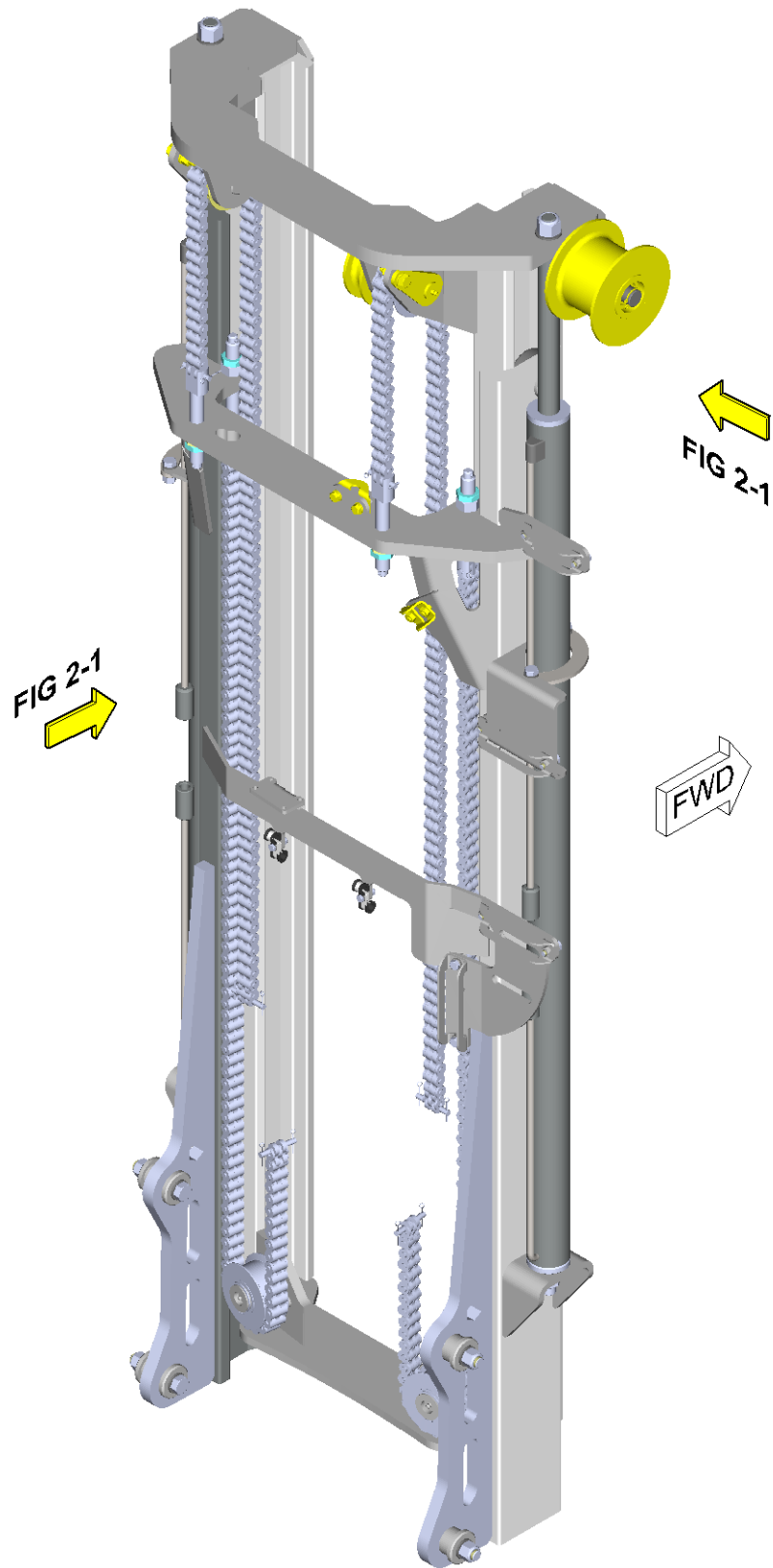


Fig 2 LM2-22-50 2.6 Metre Mast - Auxiliary Option 1 - Breakdown

2.6 METRE MAST - AUXILIARY OPTION 1

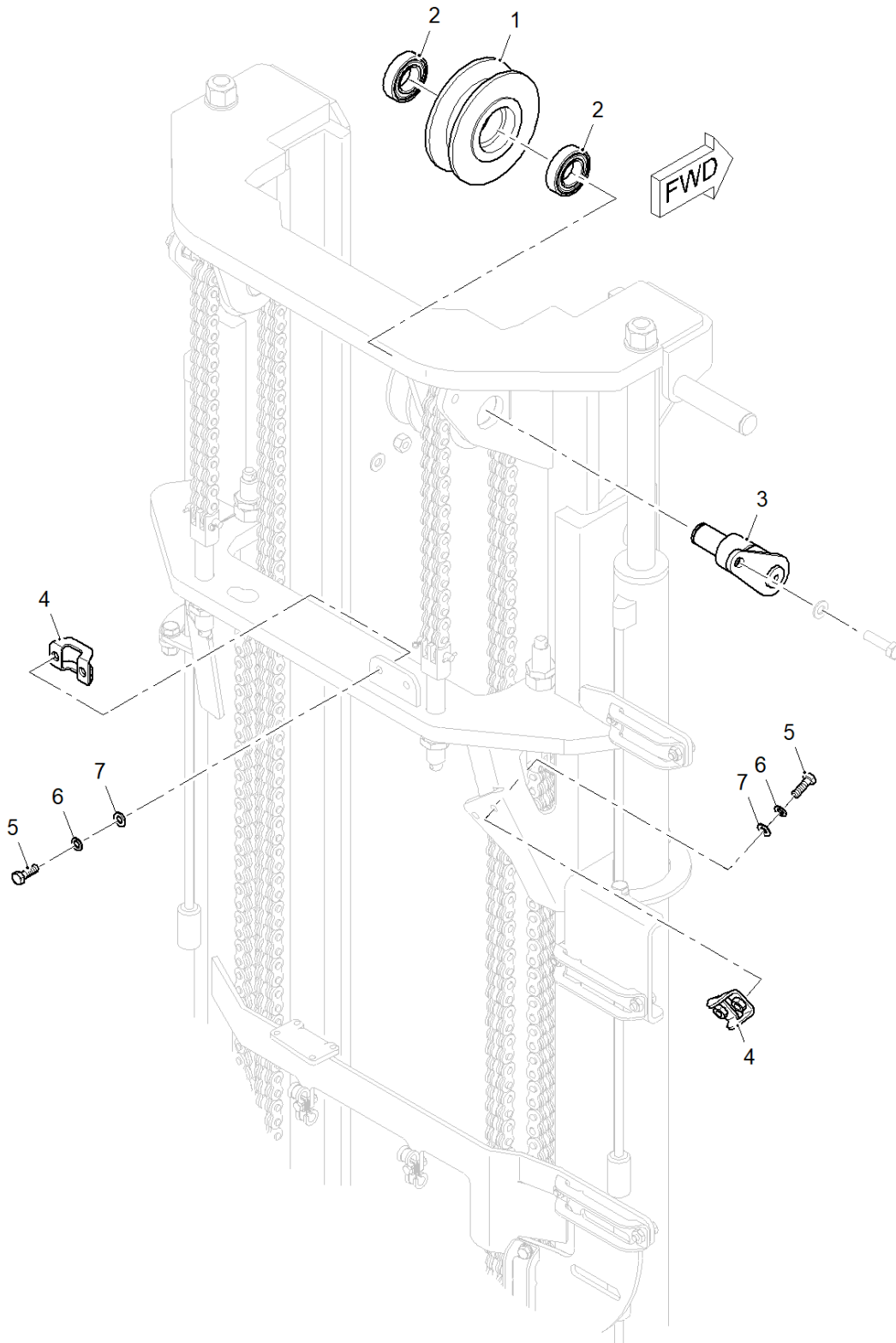


Fig 2-1 LM2-22-50 2.6 Metre Mast – Auxiliary Option 1



**LM2-22-50 2.6 METRE MAST - AUXILIARY OPTION 1**

Fig - Item	Part No	Description	Qty	Notes
2-1 1	LM2-200-20	HOSE ROLLER - 2 BERTH	1	
2	YBEARING18	48 MM SEALED ROLLER BEARING	2	
3	LM2-214-04	AUXILIARY CHAIN ROLLER PIN	1	
4	LM2-218-05	HOSE CLAMP - 2 BERTH	2	
5	XS08025Z	M8X25 HEX HEAD SCREW 8.8	4	
6	XW08SZ	M8 SPRING WASHER	4	
7	XW08AZ	M8 FORM A WASHER	4	

+ Item not illustrated

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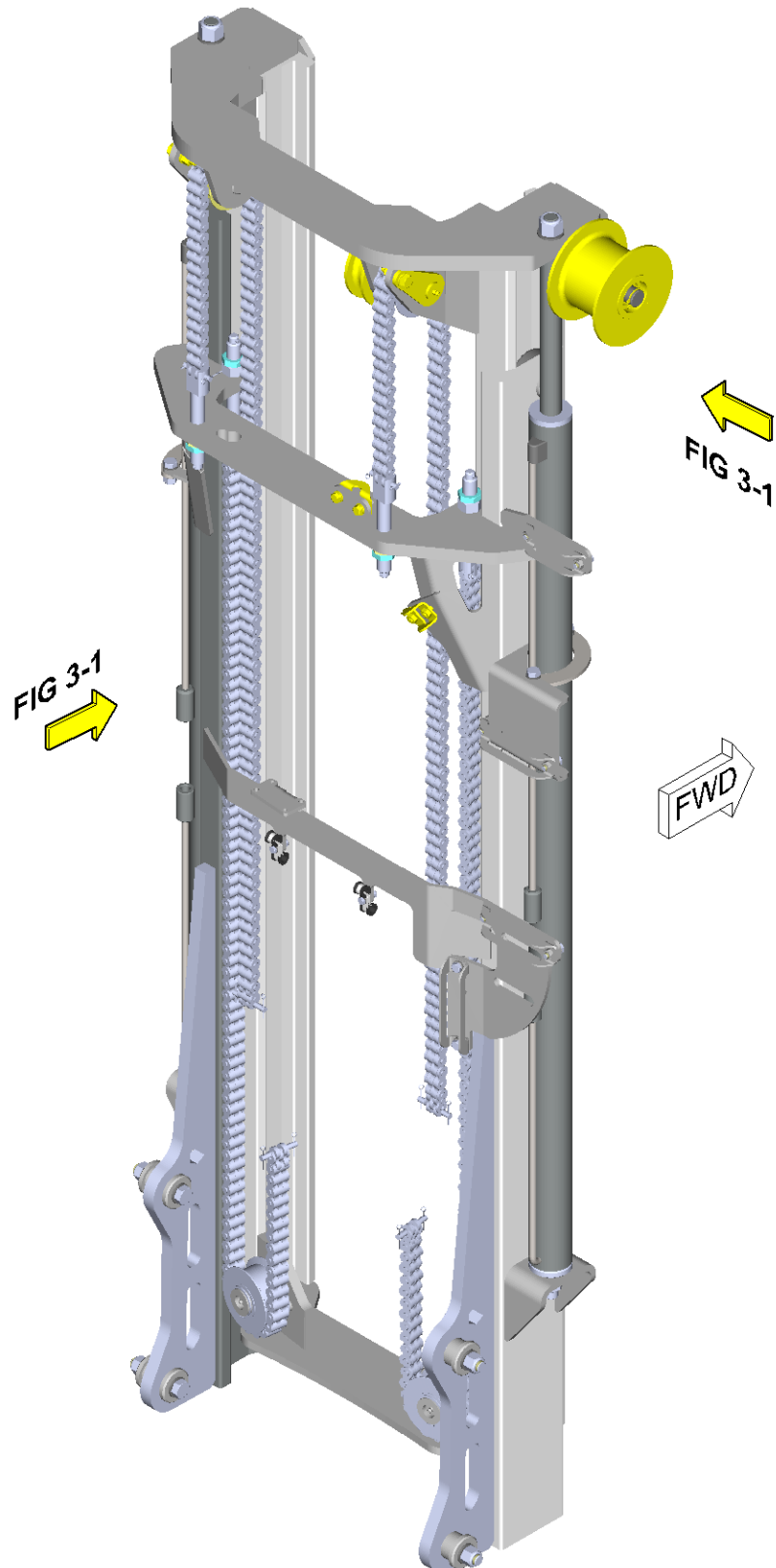


Fig 3 LM2-22-50 2.6 Metre Mast - Auxiliary Option 2 - Breakdown

2.6 METRE MAST - AUXILIARY OPTION 2

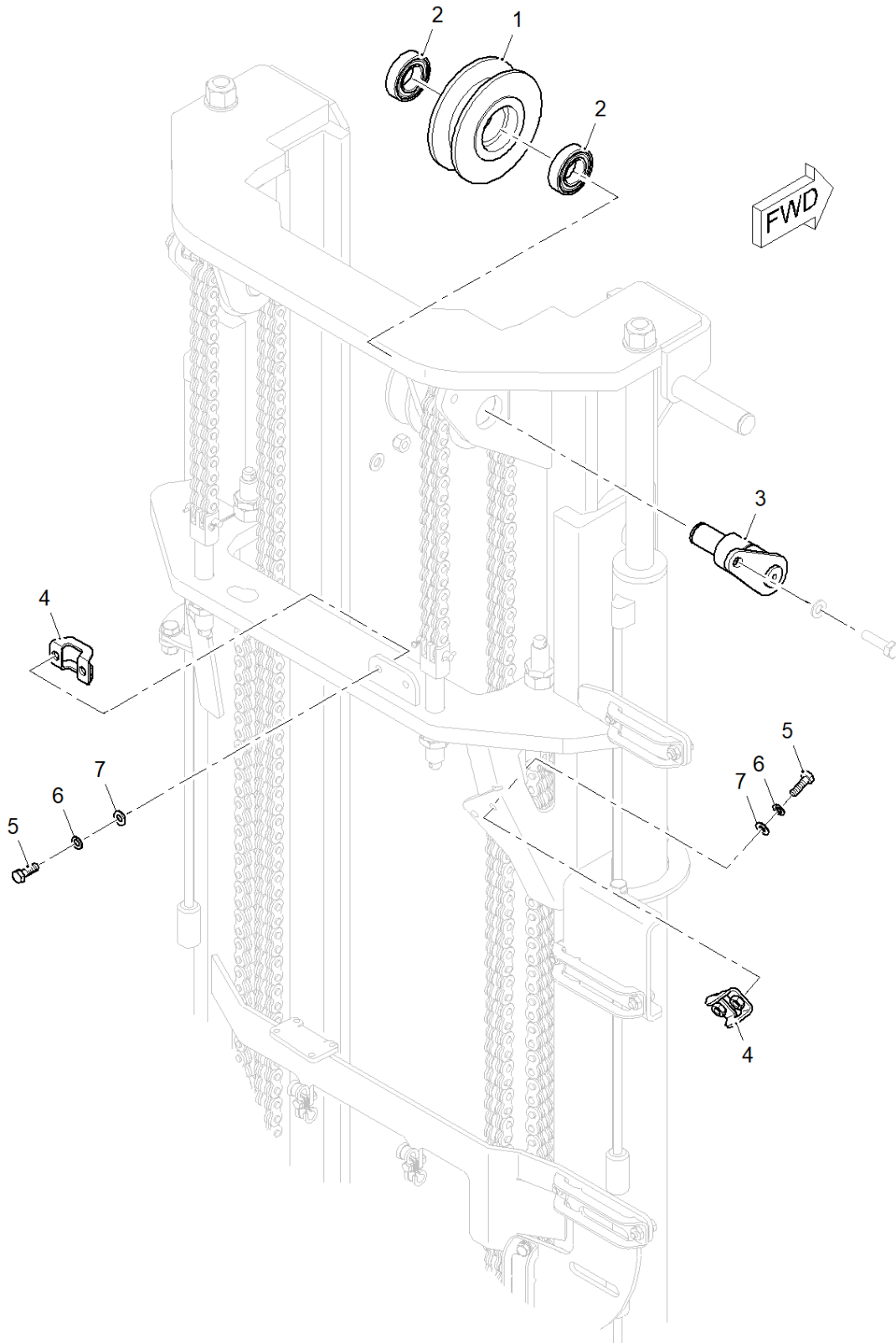


Fig 3-1 LM2-22-50 2.6 Metre Mast – Auxiliary Option 2

**LM2-22-50 2.6 METRE MAST - AUXILIARY OPTION 2**

Fig - Item	Part No	Description	Qty	Notes
3-1 1	LM2-200-20	HOSE ROLLER - 2 BERTH	1	
2	YBEARING18	48 MM SEALED ROLLER BEARING	2	
3	LM2-214-04	AUXILIARY CHAIN ROLLER PIN	1	
4	LM2-218-10	HOSE CLAMP - 1 BERTH	2	
5	XS08025Z	M8X25 HEX HEAD SCREW 8.8	4	
6	XW08SZ	M8 SPRING WASHER	4	
7	XW08AZ	M8 FORM A WASHER	4	

+ Item not illustrated

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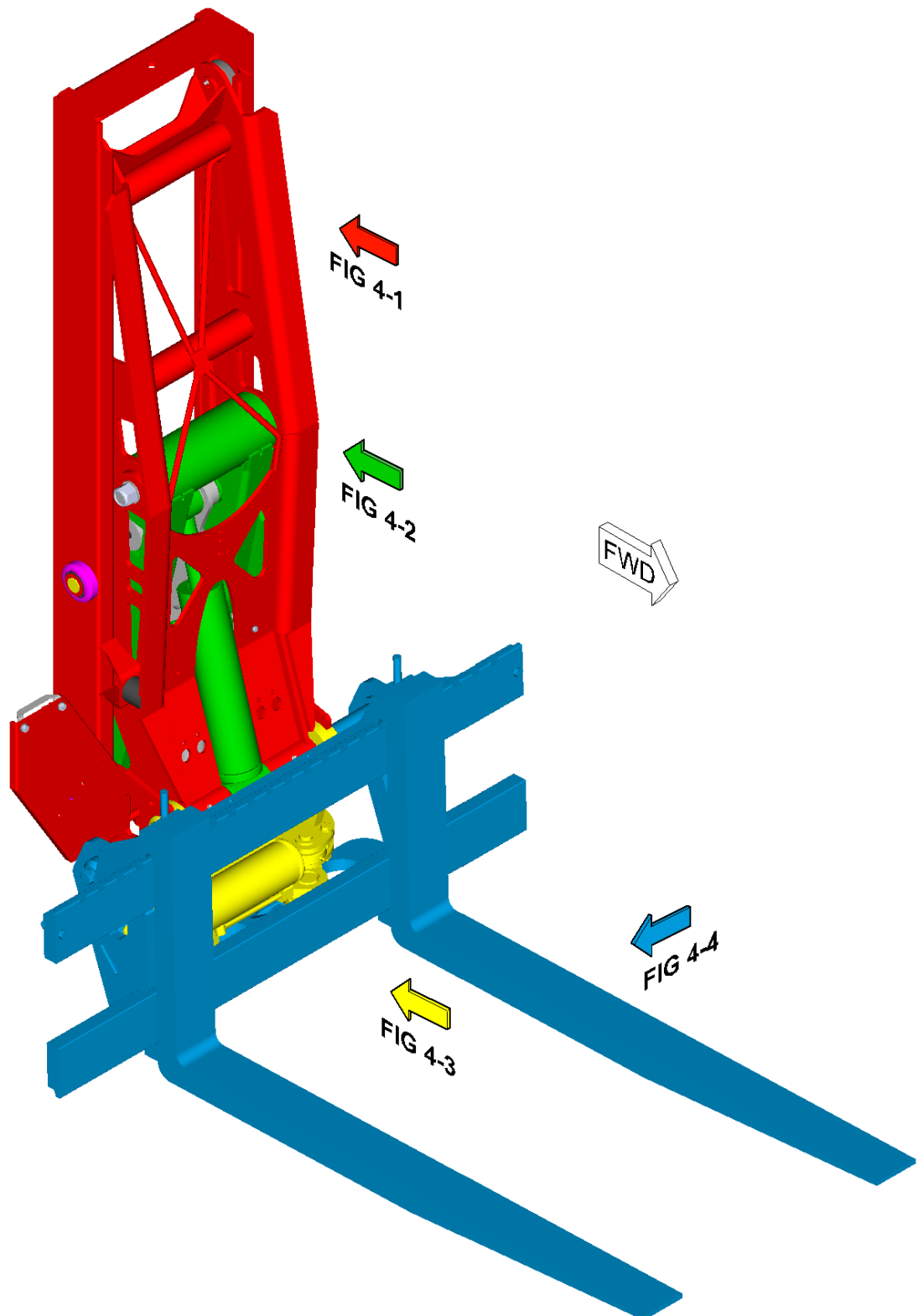


Fig 4 LM2-24-50 Stage 3 Mast Reach and Tilt Assembly - Breakdown

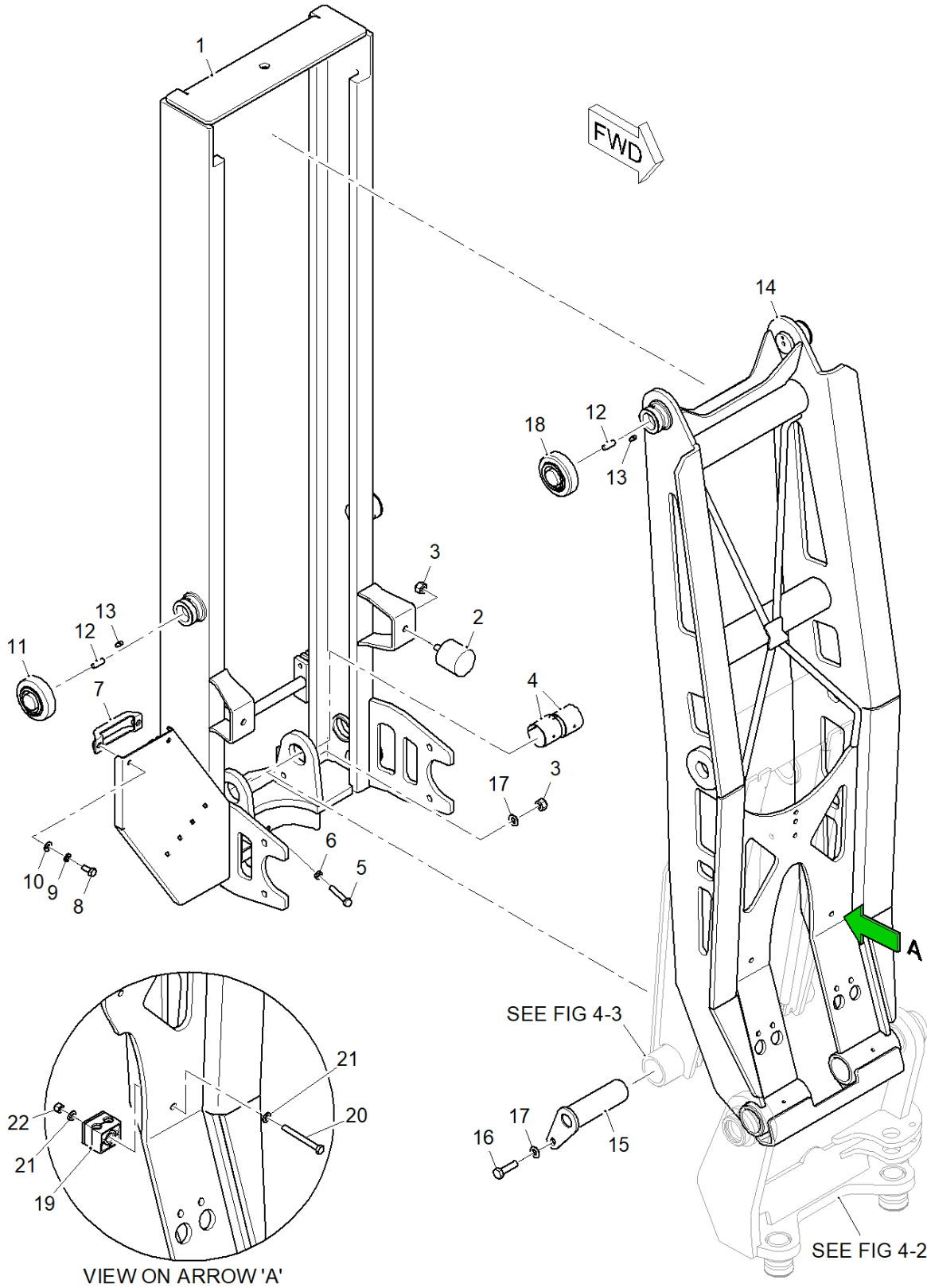


Fig 4-1 LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (Sheet 1 of 4)



**LM2-24-50 STAGE 3 MAST REACH AND TILT ASSEMBLY (SHEET 1 OF 4)**

Fig - Item	Part No	Description	Qty	Notes
4-1 1	LM2-251-00	3 <sup>RD</sup> STAGE MAST	1	
2	YBUFFER4	RUBBER BUFFER	2	
3	XN10N	M10 NYLOC NUT	7	
4	YBUSH12	DX BUSH 40X40	12	
5	XS08050Z	M8X50 HEX HEAD SCREW 8.8	2	
6	XN08HZB	M8 HALF NUT	2	
7	LM2-218-03	HOSE CLAMP WA	1	
8	XS08020Z	M8X20 HEX HEAD SCREW 8.8	4	
9	XW08SZ	M8 SPRING WASHER	2	
10	XW08AZ	M8 FORM A WASHER	6	
11	YBEARING7	MAST 77.7 MM PARALLEL BEARING SET	2	
12	XG08025Z	M8X25 STEEL GRUB SCREW	6	
13	YGN0600	M6 STRAIGHT GREASE NIPPLE	12	
14	LM2-223-00	LONG IR ARM	1	
15	LM2-211-00	LOWER SHORT LINK PIN WA	2	
16	XS10040Z	M10X40 HEX HEAD SCREW 8.8	3	
17	XW10AZ	M10 FORM A WASHER	12	
18	YBEARING23	TAPERED BEARING SET	4	
19	YPCT12	TWIN HOSE CLAMP – 12 MM HOSE	1	
20	XS06060Z	M6X60 HEX HEAD SCREW 8.8	1	
21	XW06AZ	M6 FORM A WASHER	2	
22	XN06N	M6 NYLOC NUT	1	

+ Item not illustrated

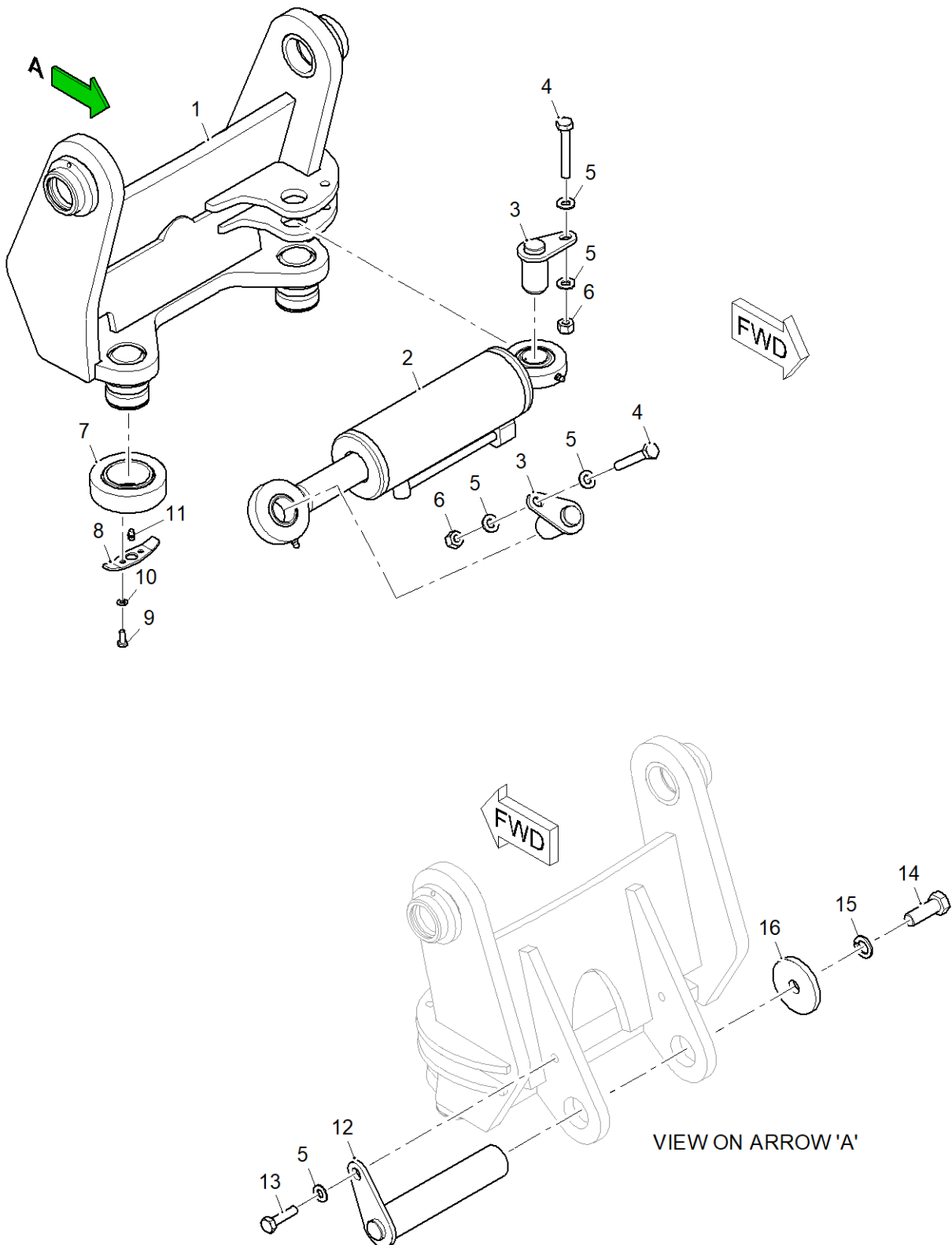


Fig 4-2 LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (Sheet 2 of 4)

**LM2-24-50 STAGE 3 MAST REACH AND TILT ASSEMBLY (SHEET 2 OF 4)**

Fig - Item	Part No	Description	Qty	Notes
4-2 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	M10X70 HEX HEAD SCREW 8.8	2	
5	XW10AZ	M10 FORM A WASHER	5	
6	XN10N	M10 NYLOC NUT	2	
7	YBEARING19ROLLER	ROLLER YBEARING	2	PART OF YBEARING19
8	LM2-200-22	KEEPER PLATE – CARRIAGE ROLLERS	2	
9	XS06016Z	M6X16 HEX HEAD SCREW 8.8	2	
10	XW06SZ	M6 SPRING WASHER	2	
11	YGN0600	M6 STRAIGHT GREASE NIPPLE	2	
12	LM2-215-00	PIN ASSEMBLY	1	
13	XS10040Z	M10X40 HEX HEAD SCREW 8.8	1	
14	XS16045Z	M16X45 HEX HEAD SCREW 8.8	1	
15	XW16SZ	M16 SPRING WASHER	1	
16	LM1-210-12	RETAINING WASHER	1	

+ Item not illustrated

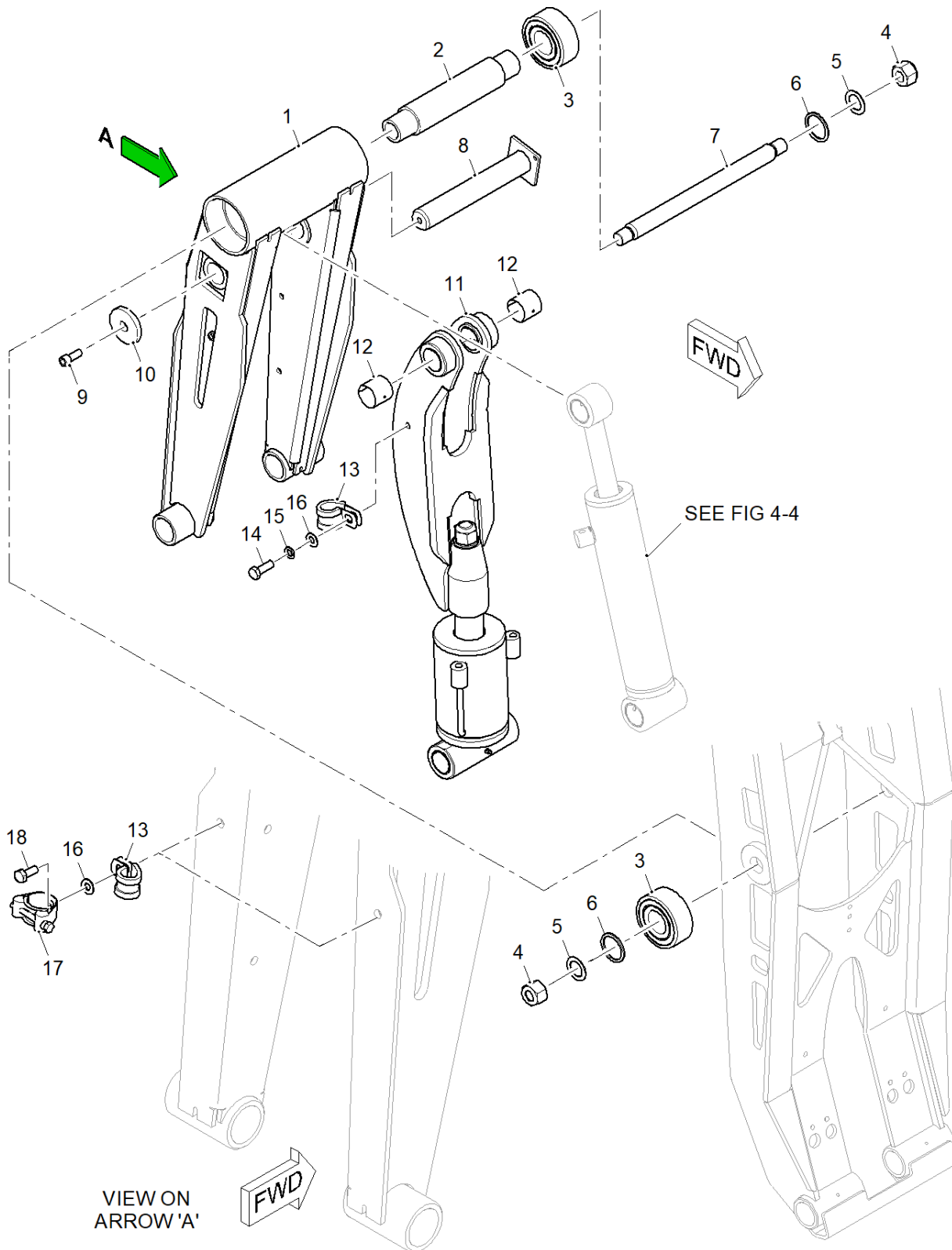


Fig 4-3 LM2-24-50 Stage 3 Mast Reach and Tilt Assembly (Sheet 3 of 4)

**LM2-24-50 STAGE 3 MAST REACH AND TILT ASSEMBLY (SHEET 3 OF 4)**

Fig - Item	Part No	Description	Qty	Notes
4-3 1	LM2-224-00	IR SHORT LINK WA	1	
2	LM2-209-00	X-TUBE PANTOGRAPH PIVOT	1	
3	YBEARING21	YBEARING21	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	M12X30 CAP HEAD SCREW	1	
10	LM2-200-13	LONG LINK PIN CAP	1	
11	LM2-210-03	TILT CYLINDER	1	
12	YBUSH12	DX BUSH 40X40	2	
13	YPCLIP1	P CLIP	4	
14	XS08025Z	M8X25 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	M8X20 HEX HEAD SCREW 8.8	2	

+ Item not illustrated

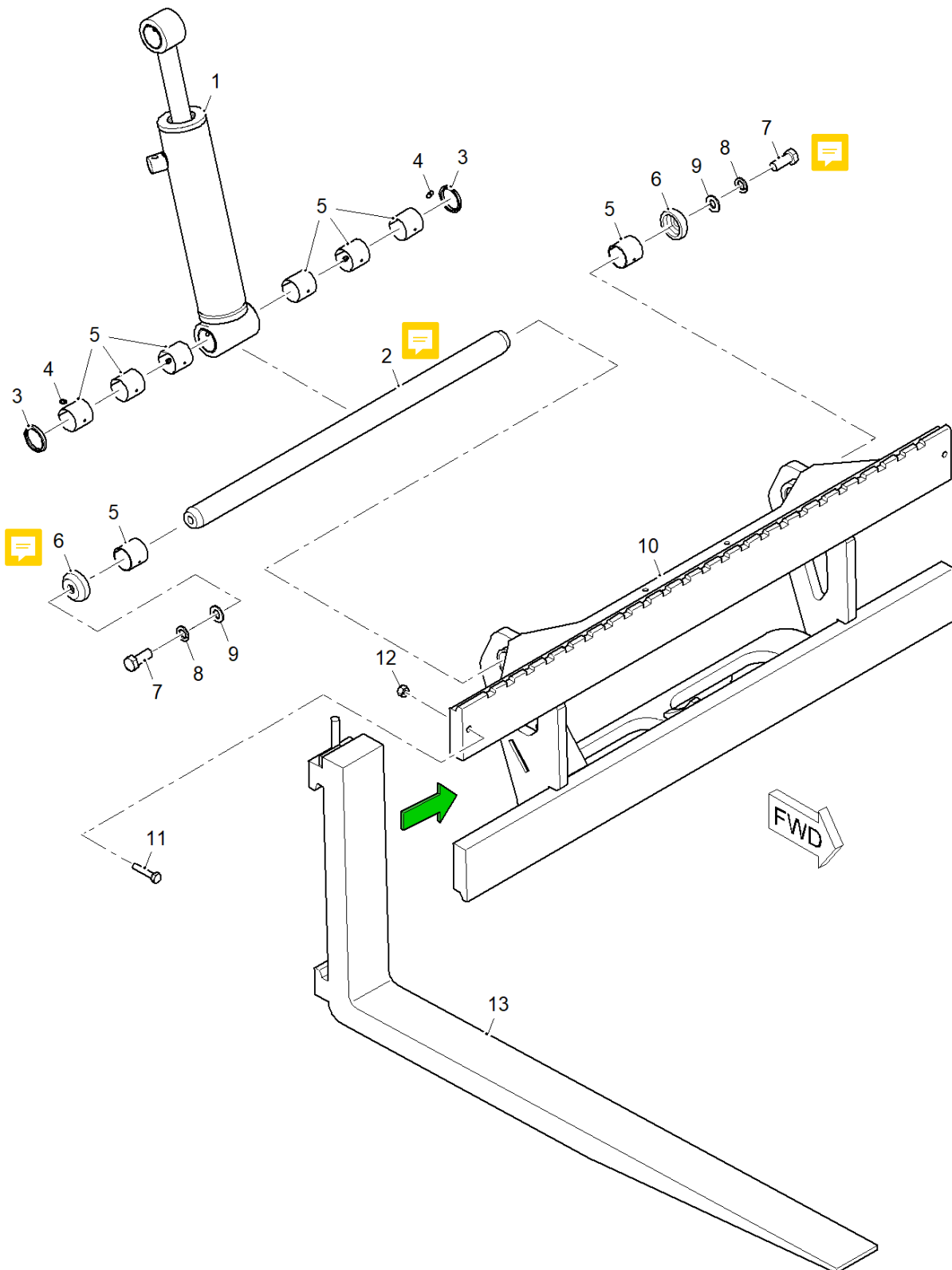





Fig 4-4 LM2-24-50 Stage 3 Mast Reach And Tilt Assembly (Sheet 4 of 4)

**LM2-24-50 STAGE 3 MAST REACH AND TILT ASSEMBLY (SHEET 4 OF 4)**

Fig - Item	Part No	Description	Qty	Notes
4-4 1	LM2-210-04	REACH CYLINDER	1	
 2	LM2-216-03	FORK CARRIAGE PIVOT PIN	1	
3	YWIPSEAL2	WIPER SEAL	2	
4	YGN0600	M6 STRAIGHT GREASE NIPPLE	2	
5	YBUSH12	DX BUSH 40X40	2	
 6	LM2-216-04	CARRIAGE PIN END CAP	2	
 7	XS16040Z	M16X40 HEX HEAD SCREW 8.8	2	
8	XW16SZ	M16 SPRING WASHER	2	
9	XW16AZ	M16 FORM A WASHER	2	
10	LM2-25-00	STANDARD FORK CARRIAGE ASSEMBLY	1	
11	XS10050Z	M10X50 HEX HEAD SCREW 8.8	2	
12	XN10N	M10 NYLOC NUT	2	
13	YFORK4	CLASS 2A FORK 1200x50X100	2	PURCHASED AS A PAIR
+	YFORK5	CLASS 2B FORK 1200x50X100	2	PURCHASED AS A PAIR FOR DROP FORK OPTION

+ Item not illustrated

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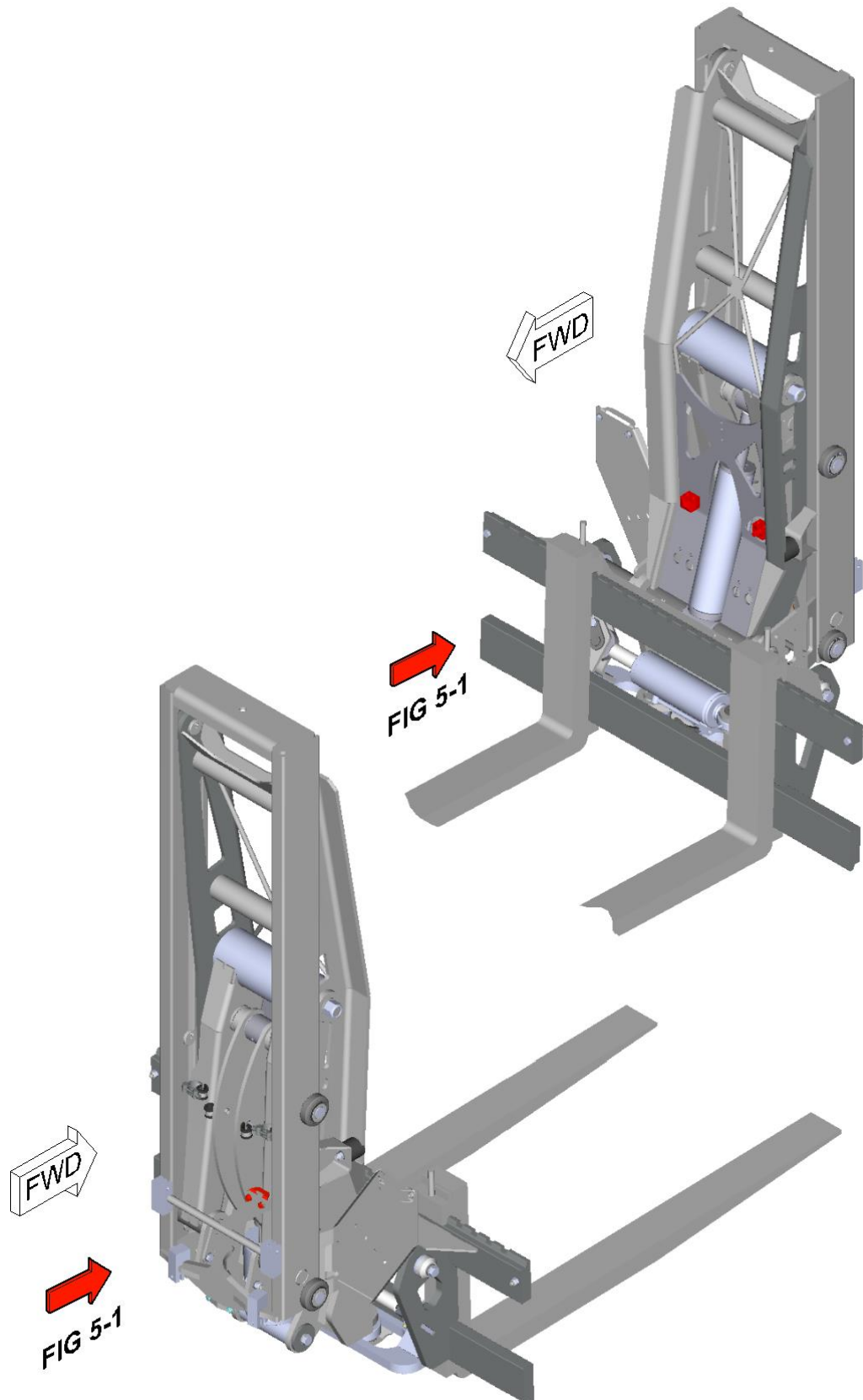


Fig 5 LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Auxillary 2 Option

STAGE 3 MAST REACH AND TILT ASSEMBLY WITH AUXILIARY 2 OPTION

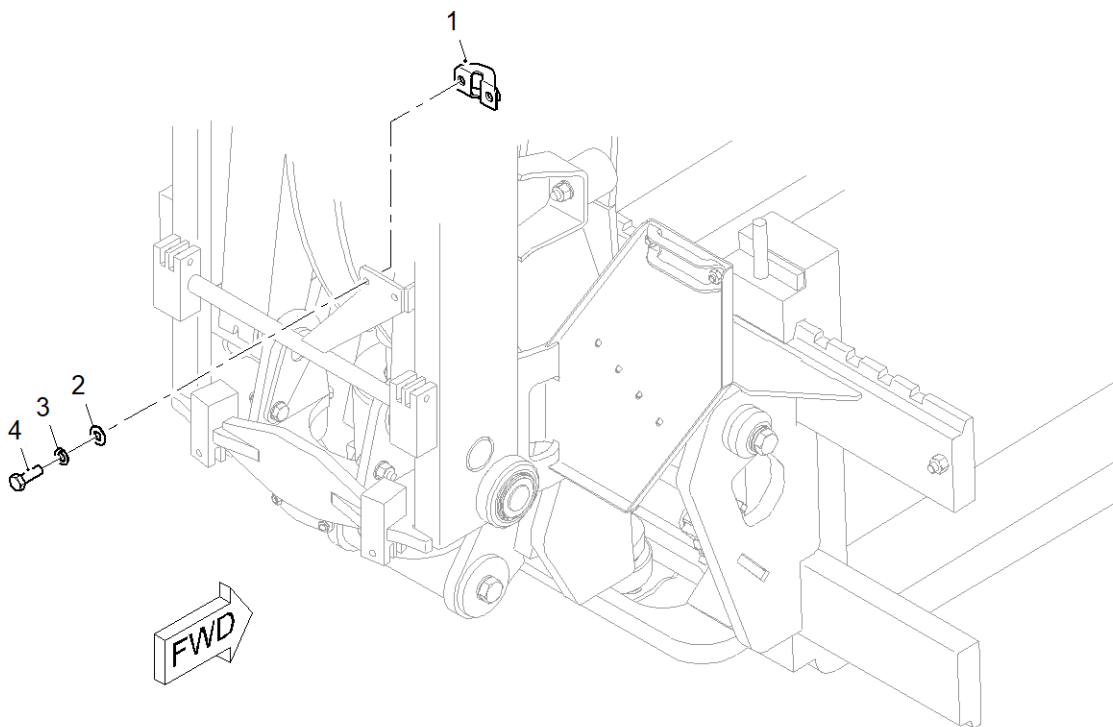


Fig 5-1 LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Auxiliary 2 Option

## LM2-24-50 STAGE 3 MAST REACH AND TILT ASSEMBLY WITH AUXILIARY 2 OPTION

Fig - Item	Part No	Description	Qty	Notes
5-1 1	LM2-218-10	HOSE CLAMP - 2 BERTH	1	
2	XW08AZ	M8 FORM A WASHER	2	
3	XW08SZ	M8 SPRING WASHER	2	
4	XS08025Z	M8X25 HEX HEAD SCREW 8.8	2	

+ Item not illustrated

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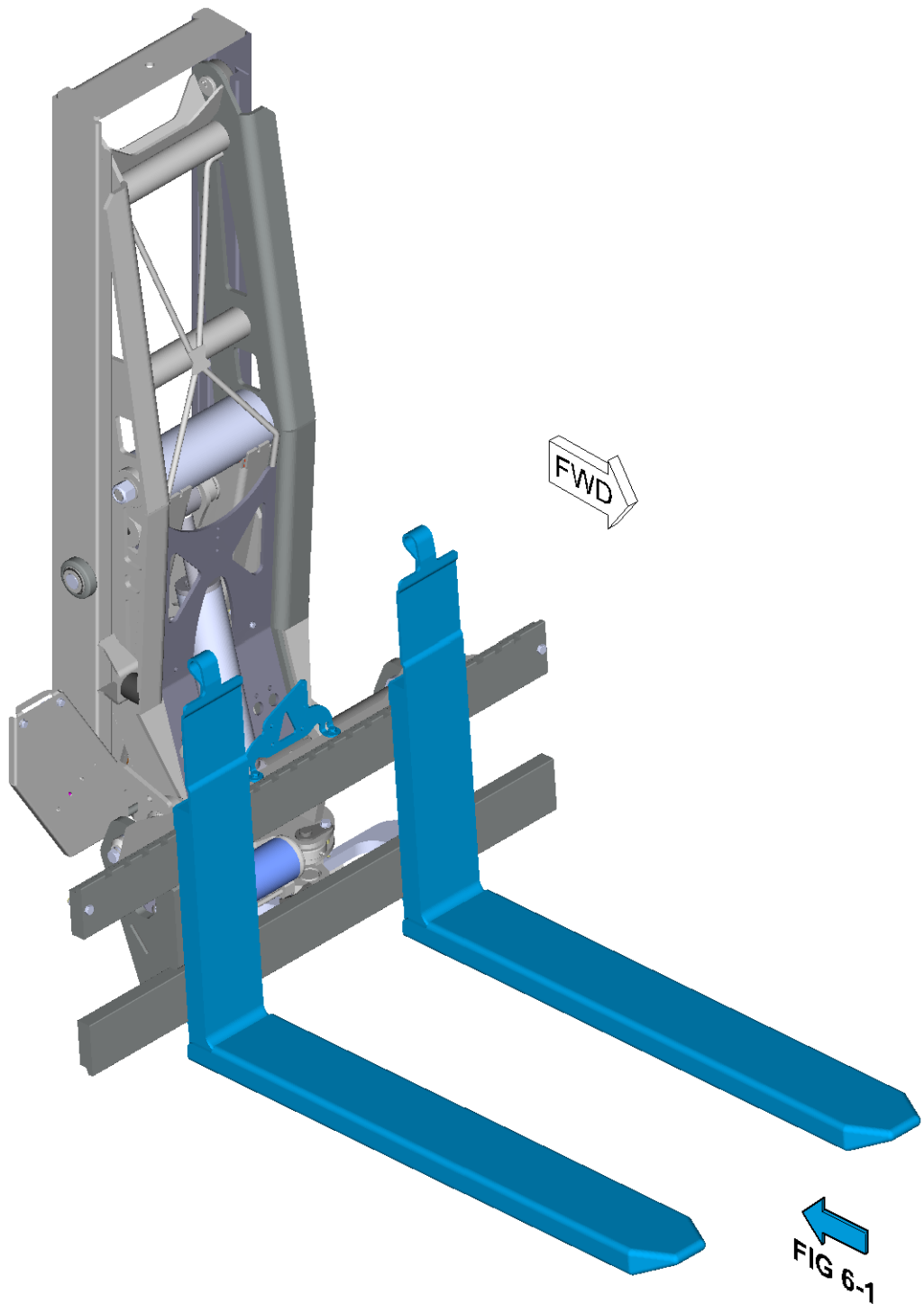


Fig 6 LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Telescopic Options

STAGE 3 MAST REACH AND TILT ASSEMBLY WITH TELESCOPIC FORKS OPTION

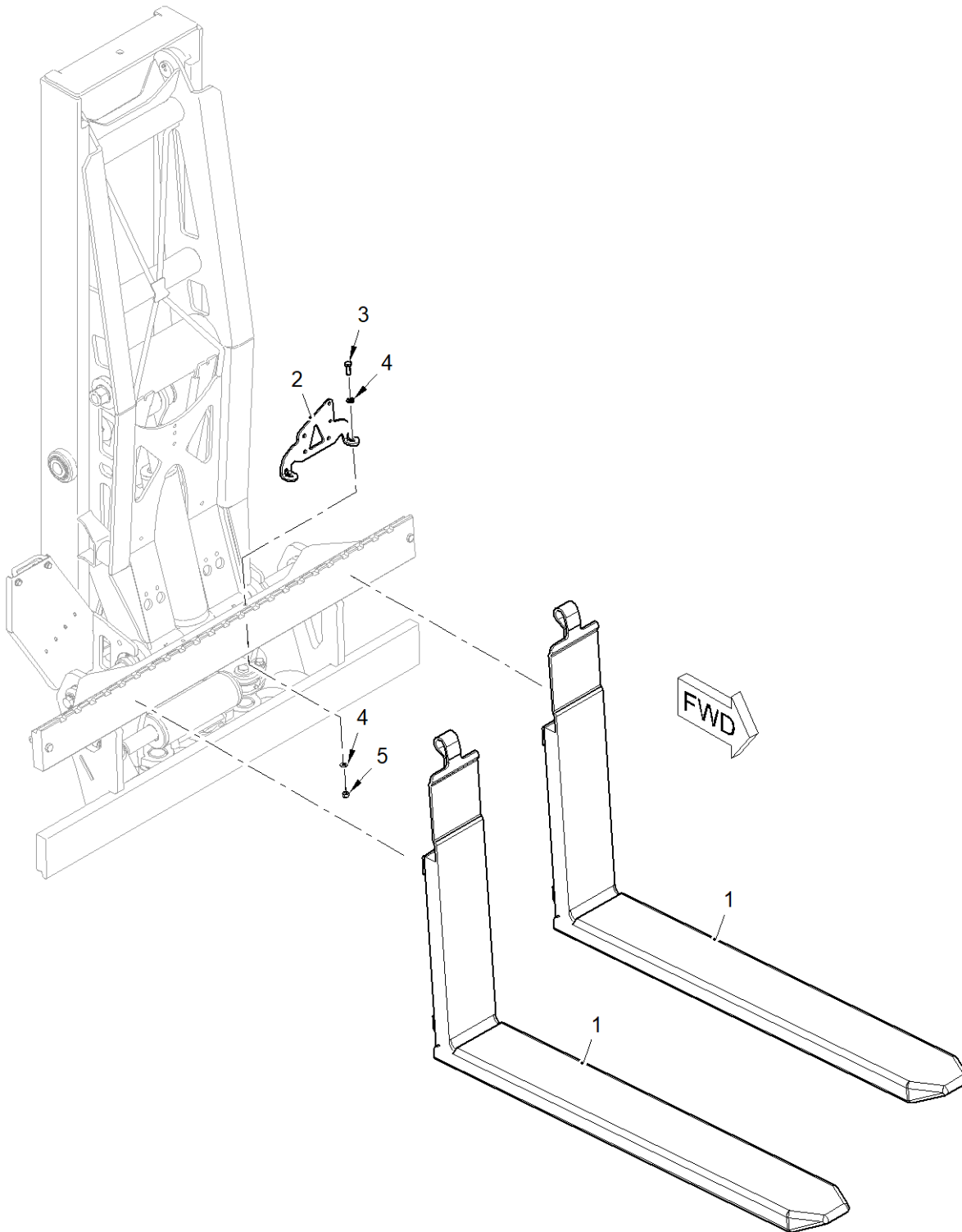


Fig 6-1 LM2-24-50 Stage 3 Mast Reach and Tilt Assembly with Telescopic Forks Option

**LM2-24-50 STAGE 3 MAST REACH AND TILT ASSEMBLY WITH TELESCOPIC FORKS OPTION**

Fig - Item	Part No	Description	Qty	Notes
6-1 1	YFORK6	CLASS 2A REACH FORK	2	PURCHASED AS A PAIR WITH DIVERTOR BLOCK
2	LM2-200-23	REACH FORKS FLOW SPLITTER MANIFOLD	1	
3	XS08025Z	M8X25 HEX HEAD SCREW 8.8	2	
4	XW08AZ	M8 FORM A WASHER	4	
5	XN08N	M8 NYLOC NUT	2	

+ Item not illustrated

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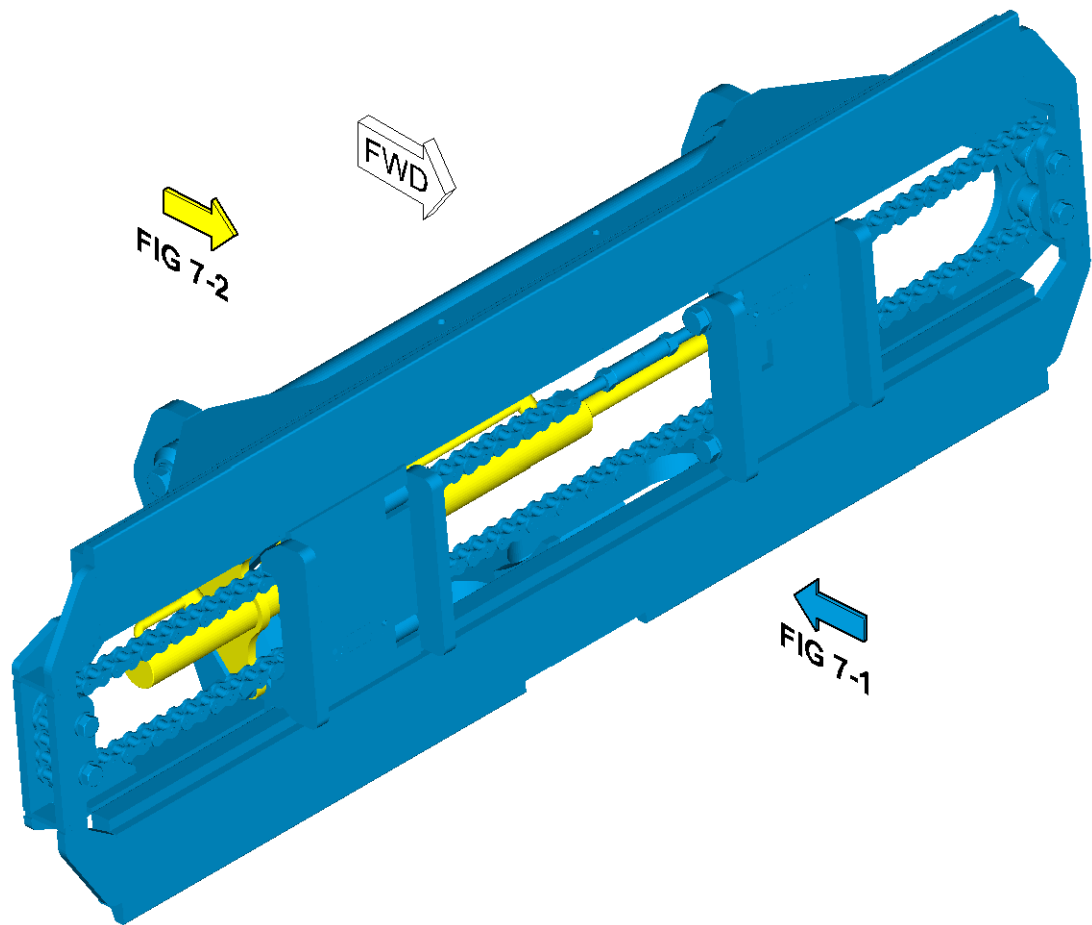


Fig 7 LM2-26-00 Fork Position Carriage Option

FORK POSITION CARRIAGE OPTION

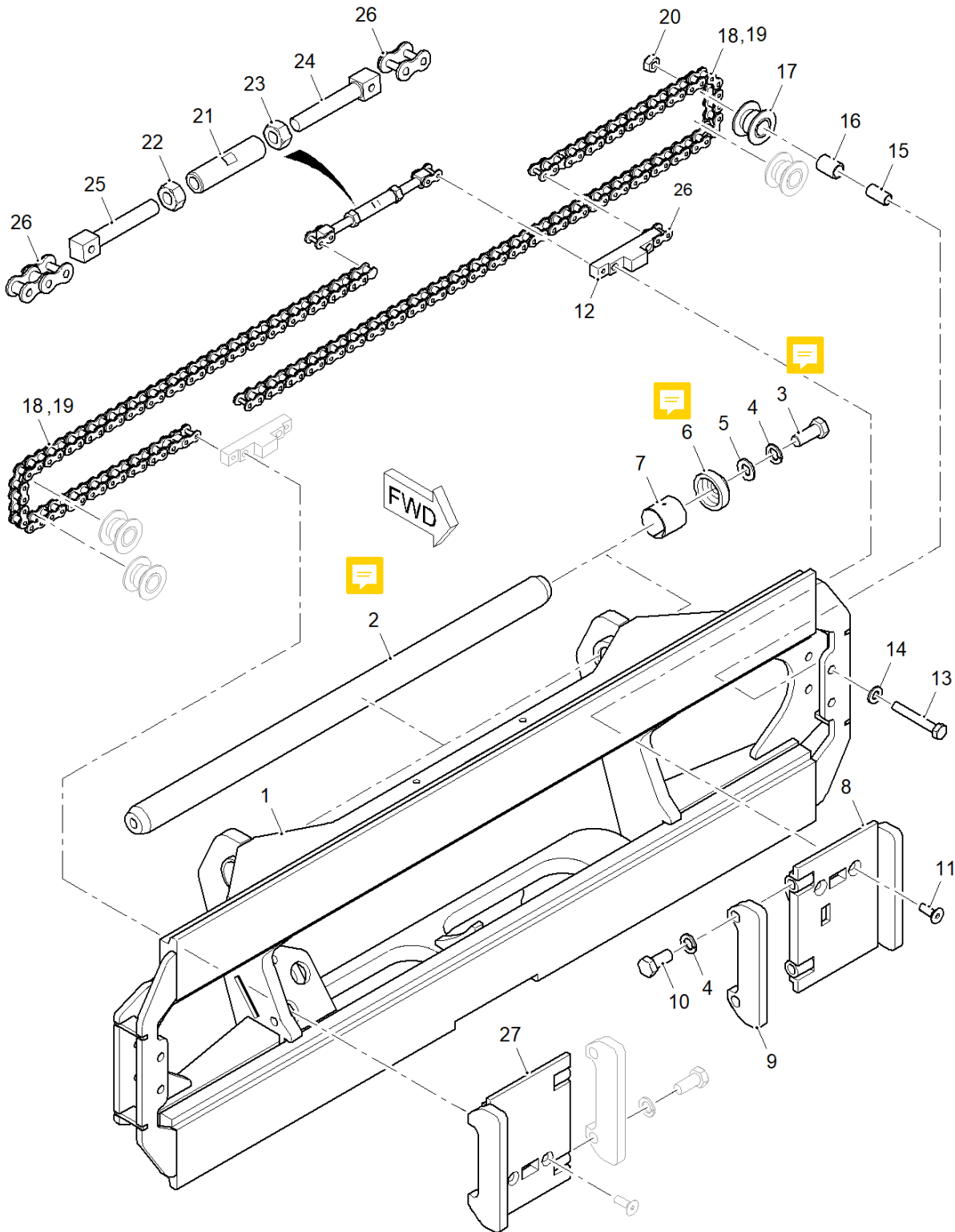





Fig 7-1 LM2-26-00 Fork Position Carriage Option (Sheet 1)

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**LM2-26-00 FORK POSITION CARRIAGE OPTION (SHEET 1)**

Fig - Item	Part No	Description	Qty	Notes
7-1 1	LM2-222-00	FORK CARRIAGE ASSEMBLY	1	
 2	LM2-216-03	FORK CARRIAGE ASSEMBLY PIVOT PIN	1	
 3	XS16040Z	M16x40 HEX HEAD SETSCREW 8.8	2	
4	XW16SZ	M16 SPRING WASHER ZP	6	
5	XW16AZ	PLAIN WASHER M16 FORM A ZP	3	
 6	LM2-216-04	CARRIAGE PIN END CAP	2	
7	YBUSH12	BUSH 40 x 40	2	
8	LM2-227-00	LH FORK POSITIONING MOUNTING PLATE	1	
9	LM2-225-05	GRIPPER PLATE - FORK POSITIONING	2	
10	XS16035Z	M16x35 HEX HEAD SETSCREW 8.8	4	
11	XSK10030SKTZ	M10x30 SKT CSK SCREW	4	
12	LM2-226-05	FORK POSITIONING CHAIN ANCHOR	2	
13	XS12080Z	M12x80 HEX HEAD BOLT 8.8	4	
14	XW12AZ	PLAIN WASHER M12 FORM A ZP	14	
15	LM2-225-07	SPACER - FP IDLER	4	
16	YBUSH20	OILITE BUSH	4	
17	LM2-225-02	CHAIN ROLLER - FORK POSITIONING	4	
18 & 19	YCHAIN8	¾" ROLLER CHAIN SET (FORK POSITIONER)	1	
20	XN12N	M12 NYLOC NUT	7	
21	TURNBUCKLE ASSY	TURN BUCKLE TENSIONER	1	
22	XN12Z	M12 PLAIN NUT	1	
23	XN12ZLH	M12 PLAIN NUT LH THREAD		
24	LM2-225-09	RH CHAIN ADJUSTER SCREW	1	
25	LM2-225-10	LH CHAIN ADJUSTER SCREW	1	
26	YCHAIN9	¾" ROLLER CHAIN SPLIT LINK	5	
27	LM2-226-00	RH FORK POSITION MOUNTING PLATE	1	

+ Item not illustrated

FORK POSITION CARRIAGE OPTION

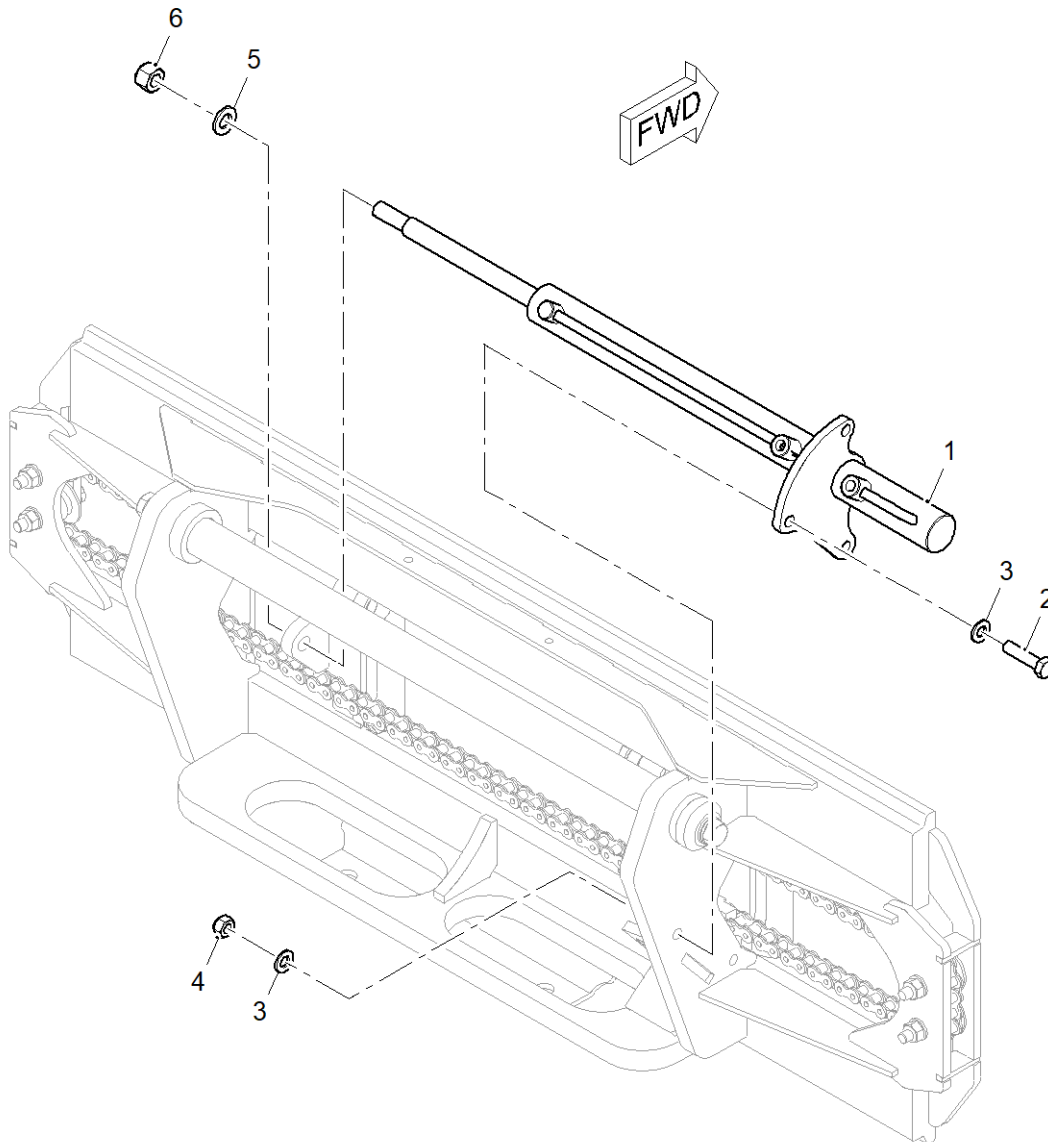


Fig 7-2 LM2-26-00 Fork Position Carriage Option (Sheet 2)

## LM2-26-00 FORK POSITION CARRIAGE OPTION (SHEET 2)

Fig - Item	Part No	Description	Qty	Notes
7-2 1	LM2-210-12	FORK POSITION CYLINDER	1	
2	XS12050Z	M12X50 HEX HEAD SCREW 8.8	3	
3	XW12AZ	M12 FORM A WASHER	3	
4	XN12N	M12 NYLOC NUT	3	
5	XW16AZ	M16 FORM A WASHER	1	
6	XN16N	M16 NYLOC NUT	1	

+ Item not illustrated

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## CHAPTER 3

### LM2-50-00 CABIN ASSEMBLY

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CHAPTER 3

LM2-50-00 CABIN ASSEMBLY

CONTENTS

Fig		Page
1	LM2-50-00 – UK Standard Specification Cabin – Breakdown .....	3
1-1	LM2-50-00 – UK Standard Specification Cabin – Lower Cab .....	4
1-2	LM2-50-00 – UK Standard Specification Cabin – Mid Cab .....	6
1-3	LM2-50-00 – UK Standard Specification Cabin – Seat Frame .....	8
1-4	LM2-50-00 – UK Standard Specification Cabin – Top Frame .....	10
1-5	LM2-50-00 – UK Standard Specification Cabin – Switches and Switch Guard .....	12
1-6	LM2-50-00 – UK Standard Specification Cabin – Rear Lever Assembly .....	14
1-7	LM2-50-00 – UK Standard Specification Cabin – Seat Assembly .....	16
2	LM2-50-00 – UK Standard Specification Cabin – LED Work Light Option – Breakdown .....	19
2-1	LM2-50-00 – UK Standard Specification Cabin – LED Work Light Option .....	20
3	LM2-50-00 – Multi-Directional Steer – Halogen Lighting Option – Breakdown .....	23
3-1	LM2-50-00 – Multi-Directional Steer – Halogen Lighting Option .....	24
4	LM2-50-00 – Multi-Directional Steer – LED Lighting Option – Breakdown .....	27
4-1	LM2-50-00 – Multi-Directional Steer – LED Lighting Option .....	28
5	LM2-50-00 – Suspension Seat Option – Breakdown .....	31
5-1	LM2-50-00 – Suspension Seat Option .....	32
6	LM2-50-00 – USA / CAN Marker Light Option – Breakdown .....	35
6-1	LM2-50-00 – USA / CAN Marker Light Option .....	36

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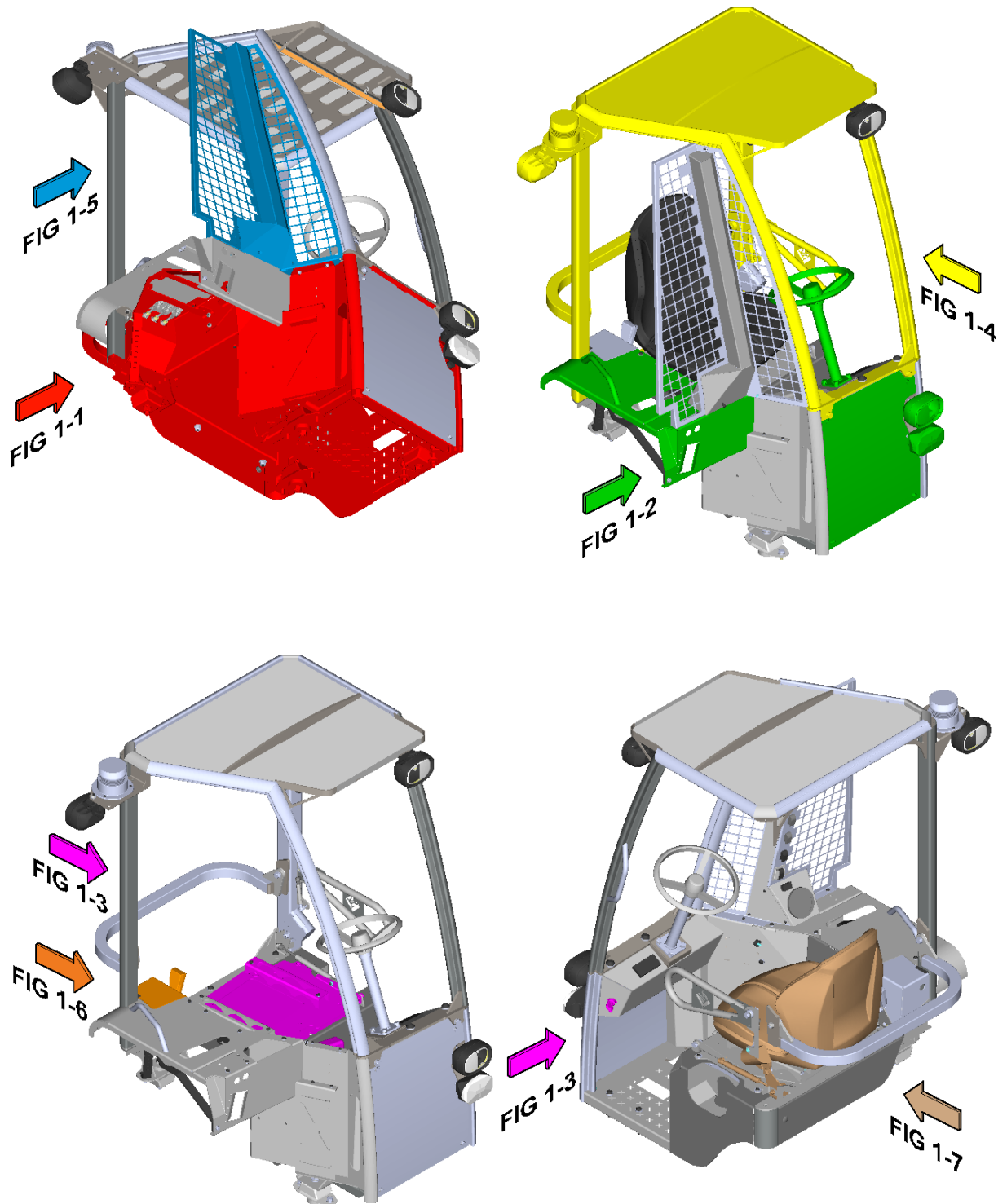


Fig 1 LM2-50-00 – UK Standard Specification Cabin – Breakdown

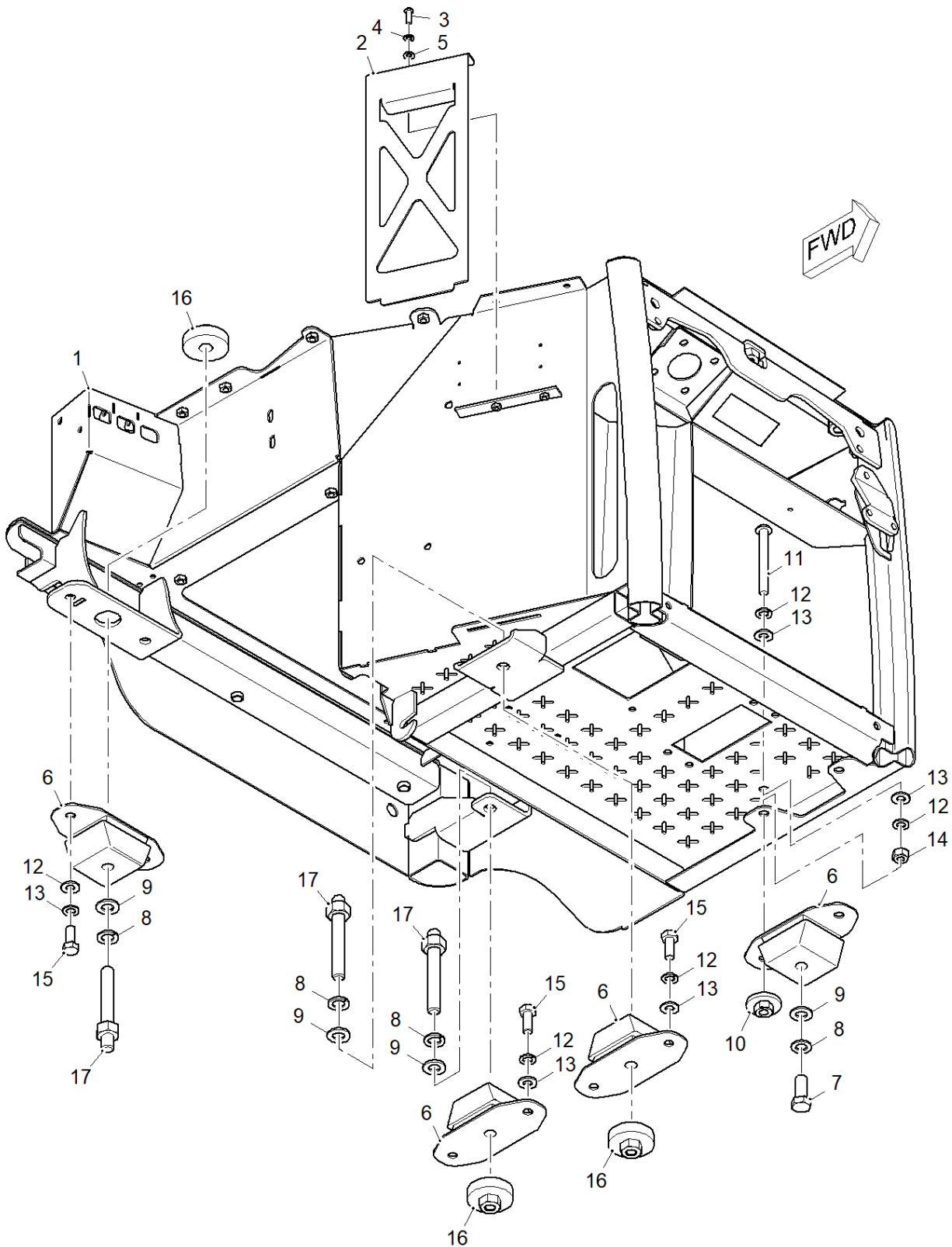


Fig 1-1 LM2-50-00 – UK Standard Specification Cabin – Lower Cab

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**LM2-50-00 – UK STANDARD SPECIFICATION CABIN – LOWER CAB**

Fig - Item	Part No	Description	Qty	Notes
1-1 1	LM2-511-00	LOWER CAB	1	
2	LM2-501-21	LOWER CAB HOSE RETAINER	1	
3	XBUT06016SKTZB	M6X16 BUTTON HEAD SCREW 8.8	2	
4	XW06SZ	M6 SPRING WASHER	4	
5	XW06AZ	M6 FORM A WASHER	23	
6	YMOUNT7	RUBBER CAB MOUNT	4	
7	XS16040Z	M16X40 HEX HEAD SCREW 8.8	1	
8	XW16SZ	M16 SPRING WASHER	7	
9	XW16AZ	M16 FORM A WASHER	7	
10	LM2-500-56	M12 CAB SAFETY WASHER	2	
11	XBUT12100SKTZB	M12X100 BUTTON HEAD SCREW 8.8	2	
12	XW12SZ	M12 SPRING WASHER	18	
13	XW12AZ	M12 FORM A WASHER	22	
14	XN12N	M12 NYLOC NUT	6	
15	XS12030Z	M12X30 HEX HEAD SCREW 8.8	8	
16	LM1-504-00	CAB MOUNT WASHER	3	
17	LM1-503-00	CAB MOUNT BAR	3	

+ Item not illustrated

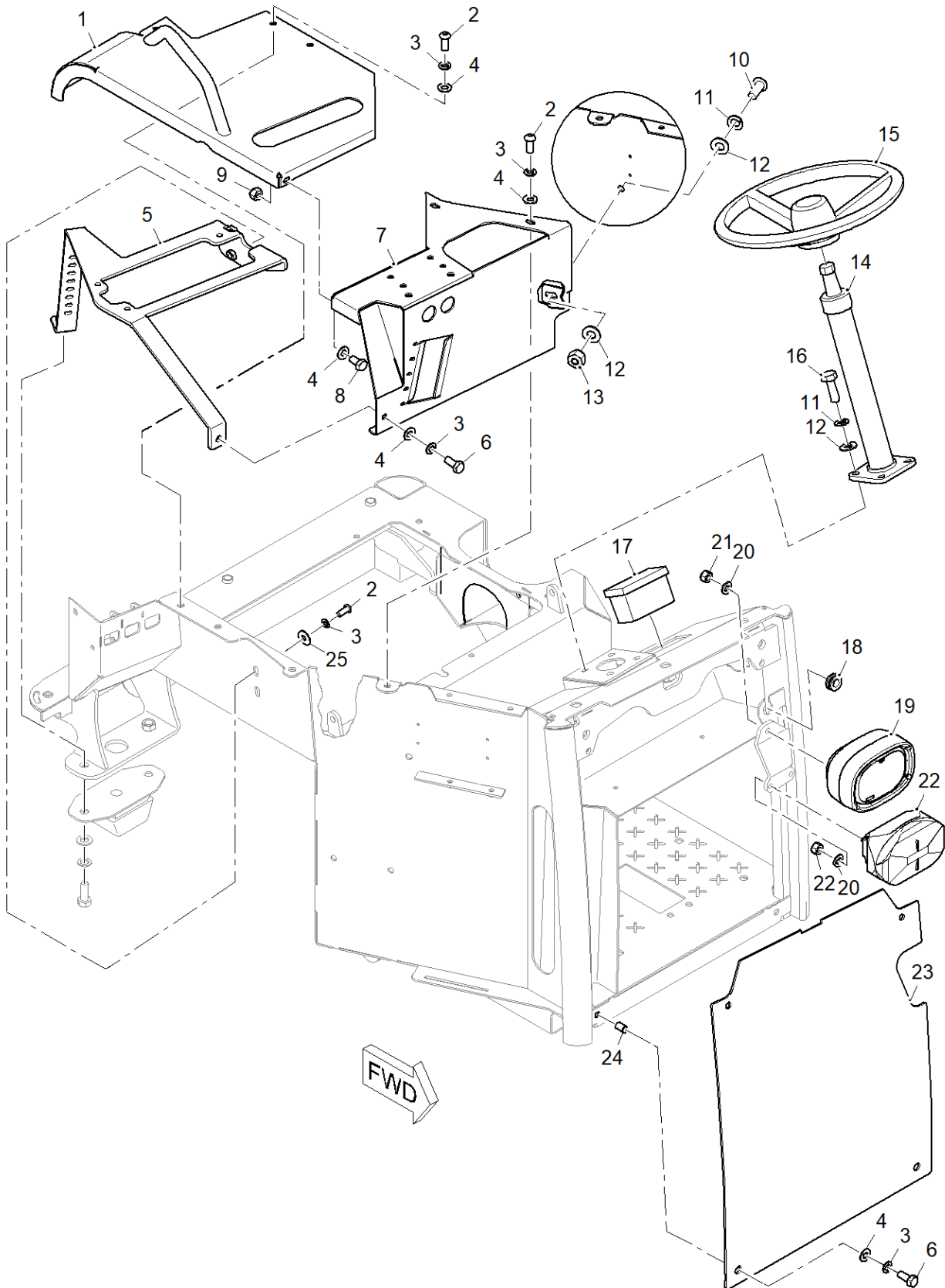


Fig 1-2 LM2-50-00 – UK Standard Specification Cabin – Mid Cab

Loadmac, Ashburton Ind Est., Ross-on-Wye, Herefordshire, HR9 7BW  
☎ +44 (0)1989 563656 ✉ info@loadmac.co.uk 🌐 www.loadmac.com

**LM2-50-00 – UK STANDARD SPECIFICATION CABIN – MID CAB**

Fig - Item	Part No	Description	Qty	Notes
1-2 1	LM2-503-00	CAB SHELF ASSEMBLY	1	
2	XBUT08020SKTZB	M8X20 BUTTON HEAD SCREW 8.8	6	
3	XW08SZ	M8 SPRING WASHER	6	
4	XW08AZ	M8 FORM A WASHER	6	
5	LM2-500-90	LEVER BANK SUPPORT	1	
6	XS08020Z	M8X20 HEX HEAD SCREW 8.8	5	
7	LM2-514-00	SCUTTLE PANEL	1	
8	XS08016Z	M8X16 HEX HEAD SCREW 8.8	2	
9	XN08N	M8 NYLOC NUT	5	
10	XBUT10025SKTZB	M10X25 BUTTON HEAD SCREW 8.8	1	
11	XW10SZ	M10 SPRING WASHER	5	
12	XW10AZ	M10 FORM A WASHER	5	
13	XN10N	M10 NYLOC NUT	5	
14	YSTEER1	STEERING COLUMN	1	
15	YSTEER5	300 MM STEERING WHEEL	1	
16	XS10030Z	M10X30 HEX HEAD SCREW 8.8	6	
17	YFUSEBOX1	11 WAY BLADE FUSE BOX	1	
18	YGROMMET20	20 MM OPEN GROMMET	1	
19	YLIGHT22	HALOGEN WORK LIGHT	3	
20	XW06AZ	M6 FORM A WASHER	4	
21	XN06N	M6 NYLOC NUT	9	
22	YLIGHT27	LH HALOGEN INDICATOR AND SIDE LIGHT CLUSTER	1	
23	LM2-506-04	FRONT CAB PANEL	1	
24	XNS08	M8 ROUND OPEN NUTSERT	6	
25	XW08GZ	M8 FORM G WASHER	6	

+ Item not illustrated

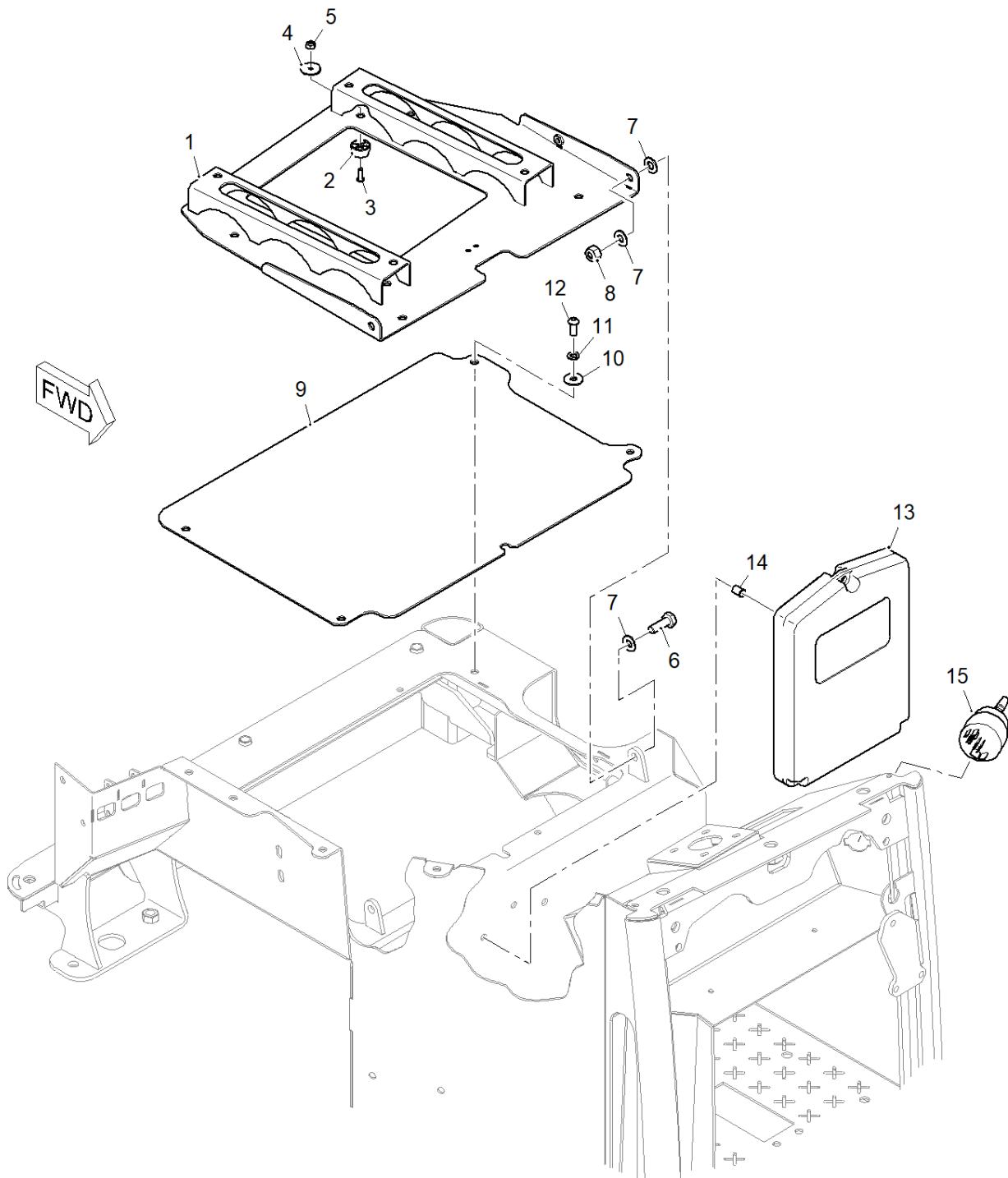


Fig 1-3 LM2-50-00 – UK Standard Specification Cabin – Seat Frame



**LM2-50-00 – UK STANDARD SPECIFICATION CABIN – SEAT FRAME**

Fig - Item	Part No	Description	Qty	Notes
1-3 1	LM2-500-13	SEAT TILT PLATE	1	
2	YBUFFER1	SMALL BUFFER STOP	3	
3	XBUT05016SKTZB	M5X16 BUTTON HEAD SCREW 8.8	15	
4	XW05GZ	M5 FORM G WASHER	2	
5	XN05N	M5 NYLOC NUT	5	
6	XS10030Z	M10X30 HEX HEAD SCREW 8.8	5	
7	XW08AZ	M8 FORM A WASHER	2	
8	XN10N	M10 NYLOC NUT	5	
9	LM2-500-12	SEAT BOX COVER	1	
10	XW08GZ	M8 FORM G WASHER	5	
11	XW08SZ	M8 SPRING WASHER	2	
12	XBUT08020SKTZB	M8X20 BUTTON HEAD SCREW 8.8	4	
13	YDOCHOLD4	DOCUMENT HOLDER	1	
14	XNS06	M6 ROUND OPEN NUTSERT	3	
15	YKEY1	IGNITION SWITCH	1	

+ Item not illustrated

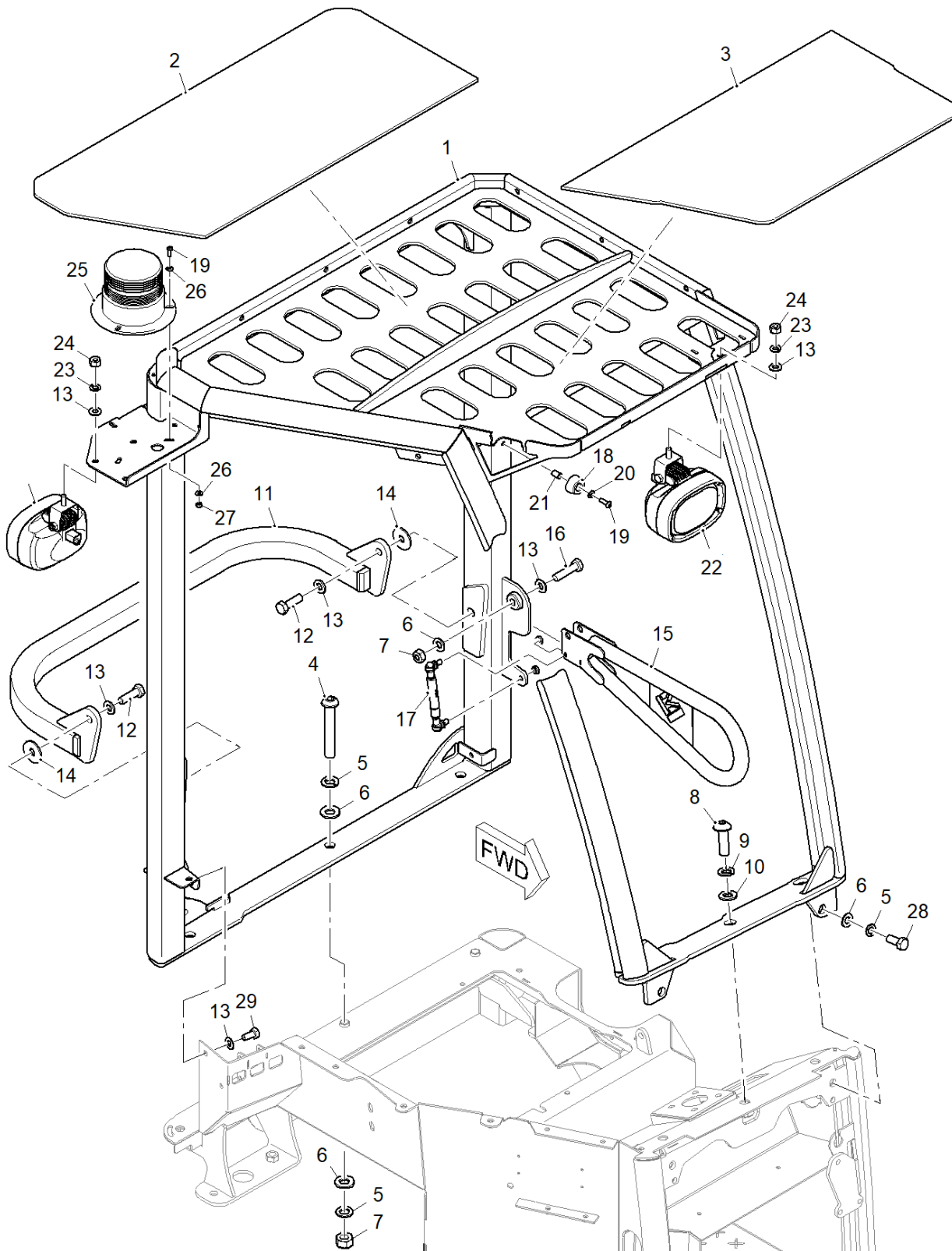


Fig 1-4 LM2-50-00 – UK Standard Specification Cabin – Top Frame

**LM2-50-00 – UK STANDARD SPECIFICATION CABIN – TOP FRAME**

Fig - Item	Part No	Description	Qty	Notes
1-4 1	LM2-512-00	UPPER CAB	1	
2	LM2-500-40	PLASTIC ROOF REAR	1	
3	LM2-500-41	PLASTIC ROOF FRONT	1	
4	XBUT12100SKTZB	M12X80 BUTTON HEAD SCREW 8.8	3	
5	XW12SZ	M12 SPRING WASHER	8	
6	XW12AZ	M12 FORM A WASHER	8	
7	XN12N	M12 NYLOC NUT	6	
8	XB16140Z	M16x140 HEX HEAD BOLT 10.9	3	
9	XW16SZ	M16 SPRING WASHER	7	
10	XW16AZ	M16 FORM A WASHER	7	
11	LM2-505-00	CRASH BAR	1	
12	XS12040Z	M12X40 HEX HEAD SCREW 8.8	2	
13	XW08AZ	M8 FORM A WASHER	5	
14	WASHER, NYLON,	WASHER, NYLON, WHITE	2	WHITE 40x13x3
15	LM1-505-00	ARM REST/GUARD	1	
16	XS12050Z	M12X50 HEX HEAD SCREW 8.8	1	
17	YGASTRUT31	250N 155.5 MM GAS STRUT	1	
18	YBUFFER1	SMALL BUFFER STOP	3	
19	XBUT05016SKTZB	M5X16 BUTTON HEAD SCREW 8.8	3	
20	XW05AZ	M5 FORM A WASHER	3	
21	XNS05	M5 ROUND OPEN NUTSERT	1	
22	YLIGHT22	HALOGEN WORK LIGHT	2	
23	XW08SZ	M8 SPRING WASHER	2	
24	XN08N	M8 NYLOC NUT	5	
25	YBEACON6	LIGHT BEACON	1	
26	XW05CZB	M5 FORM C WASHER	3	
27	XN05N	M5 NYLOC NUT	3	
28	XS12030Z	M12X30 HEX HEAD SCREW 8.8	8	
29	XS08016Z	M8X16 HEX HEAD SCREW 8.8	2	

+ Item not illustrated

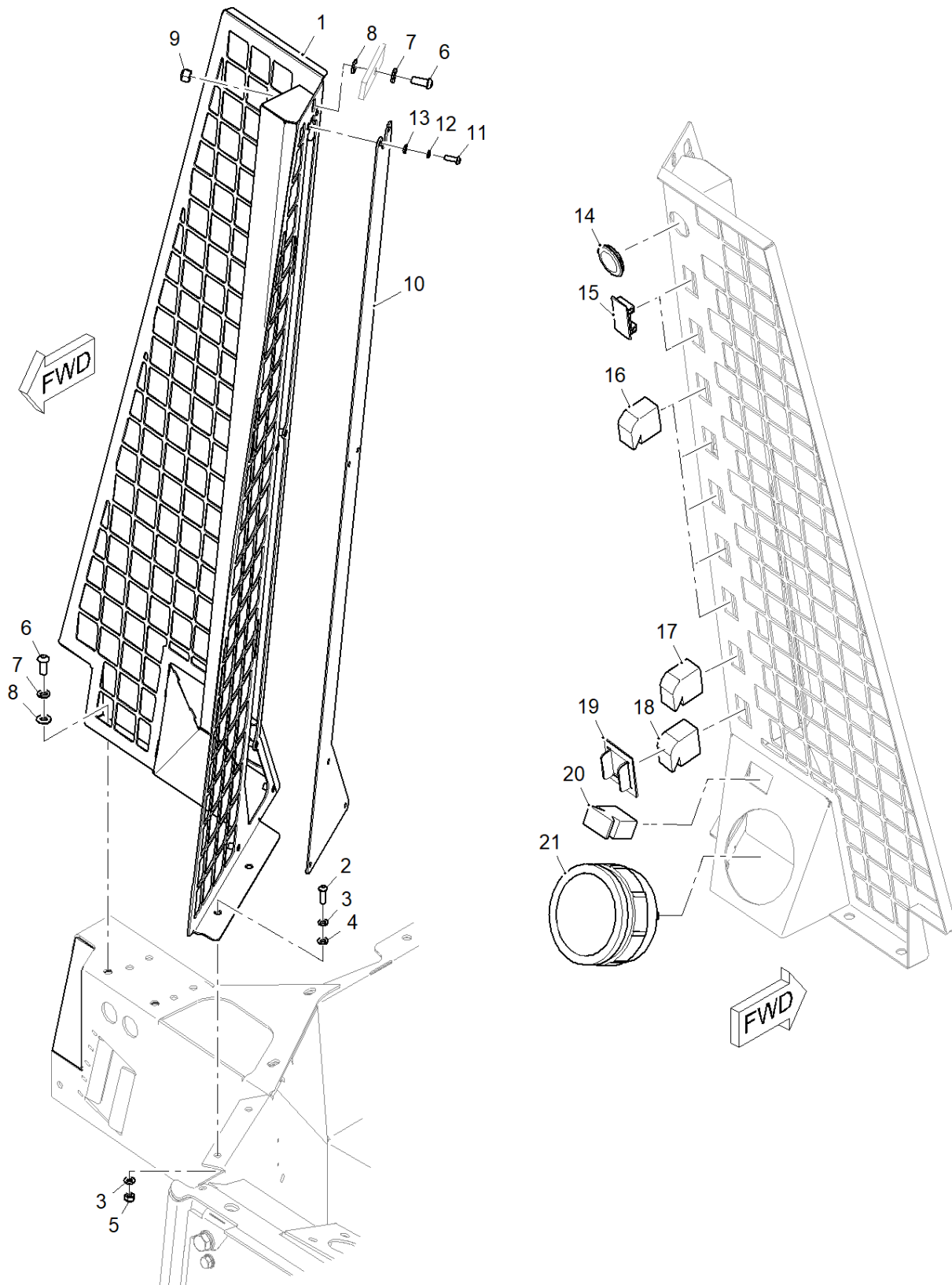


Fig 1-5 LM2-50-00 – UK Standard Specification Cabin – Switches and Switch Guard

**LM2-50-00 – UK STANDARD SPECIFICATION CABIN – SWITCHES AND SWITCH GUARD**

Fig - Item	Part No	Description	Qty	Notes
1-5 1	LM2-510-00	SAFETY MESH AND SWITCH BOARD	1	
2	XBUT06020SKTZB	M6X20 BUTTON HEAD SCREW 8.8	2	
3	XW06SZ	M6 SPRING WASHER	4	
4	XW06AZ	M6 FORM A WASHER	4	
5	XN06N	M6 NYLOC NUT	2	
6	XBUT08020SKTZB	M8X20 BUTTON HEAD SCREW 8.8	4	
7	XW08SZ	M8 SPRING WASHER	4	
8	XW08AZ	M8 FORM A WASHER	4	
9	XN08N	M8 NYLOC NUT	2	
10	LM2-510-06	SWITCH ACCESS PANEL	1	
11	XBUT05016SKTZB	M5X16 BUTTON HEAD SCREW 8.8	5	
12	XW05SZB	M5 SPRING WASHER	5	
13	XW05AZ	M5 FORM A WASHER	5	
14	YGR231.8	31.8 MM CLOSED GROMMET	1	
15	YSWITCH50	SWITCH BLANK	2	
16	YSWITCH47	DIFF LOCK AND LIGHT SWITCH	5	
17	YSWITCH48	HORN SWITCH	1	
18	YSWITCH52	DIFF, MULTI-DIRECTION, AND PARK SWITCH	1	
19	LM1-500-12	SWITCH GUARD	1	
20	YSWITCH53	INDICATOR SWITCH	1	
21	YCOMBO1	COMBO GAUGE	1	

+ Item not illustrated

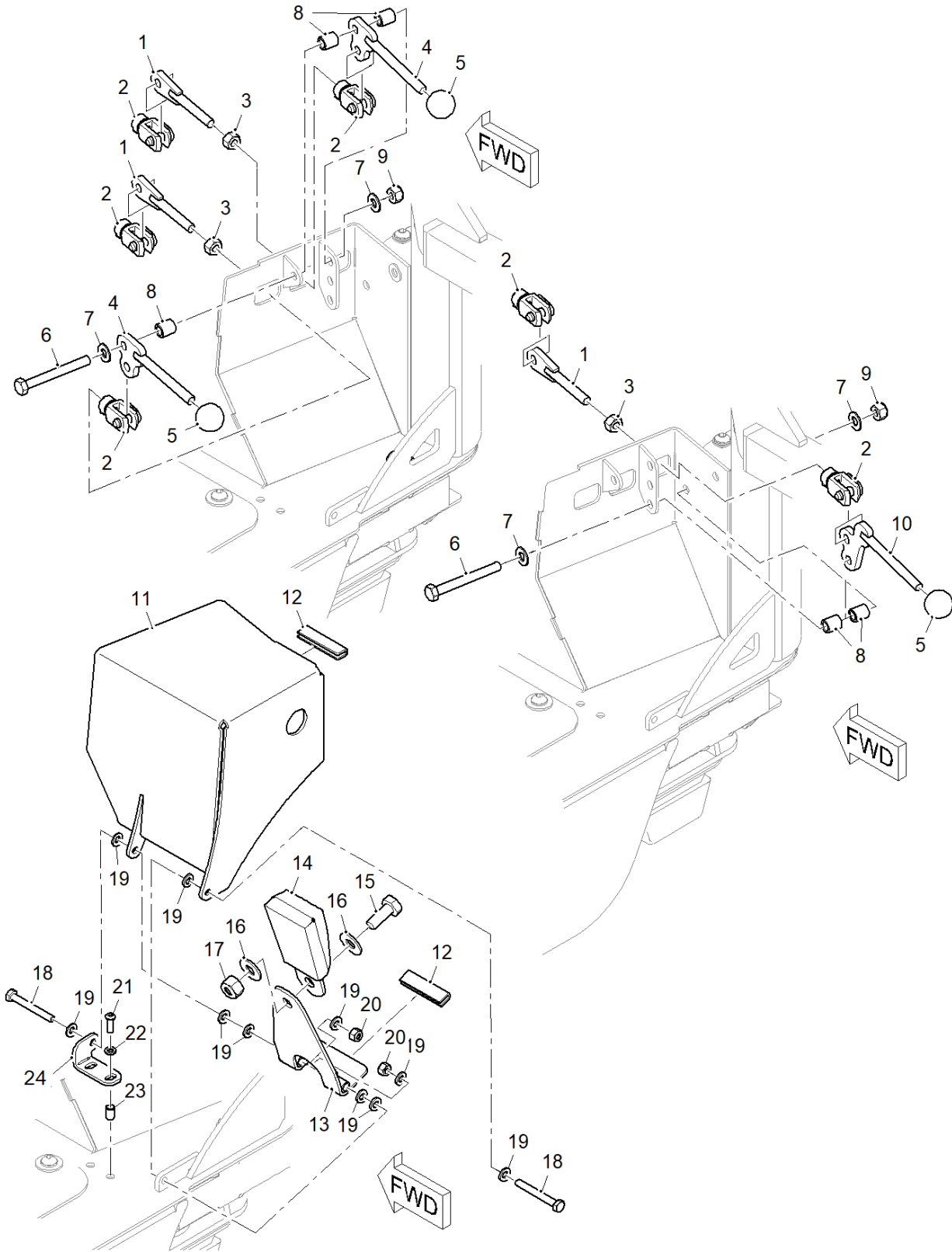


Fig 1-6 LM2-50-00 – UK Standard Specification Cabin – Rear Lever Assembly

**LM2-50-00 – UK STANDARD SPECIFICATION CABIN – REAR LEVER ASSEMBLY**

Fig - Item	Part No	Description	Qty	Notes
1-6 1	LM2-500-33	REAR LEVER LINKAGE	3	
2	YCLEVIS3	CLEVIS ASSEMBLY	6	
3	XN08Z	M8 PLAIN NUT	3	
4	LM2-500-69	LIFT/REACH LEVER LINK	2	
5	YKNOB1	25 MM LEVER KNOB	3	
6	XB08070Z	M8X70 HEX HEAD BOLT 8.8	2	
7	XW08AZ	M8 FORM A WASHER	4	
8	LL10026	SPACER BOSS	5	
9	XN08N	M8 NYLOC NUT	2	
10	LM2-500-68	TILT LEVER LINK	1	
11	LM2-500-60	REAR LEVER COVER	1	
12	LM2-500-72	2-4 MM EDGE TRIM 50MM LONG	2	
13	LM2-520-00	SEAT BUCKLE PIVOT MOUNT	1	
14	YSEATBELT2	ORANGE SEAT BELT	1	STANDARD
+	YSEATBELT3	ORANGE SEAT BELT WITH INTERLOCK	1	OPTION
15	XS10025Z	M10X25 HEX HEAD SCREW 8.8	2	
16	XW10AZ	M10 FORM A WASHER	4	
17	XN10N	M10 NYLOC NUT	1	
18	XS06050Z	M6X50 HEX HEAD SCREW 8.8	2	
19	XW06AZ	M6 FORM A WASHER	7	
20	XN06N	M6 NYLOC NUT	2	
21	XBUT05016SKTZB	M5X16 BUTTON HEAD SCREW 8.8	2	
22	XW05AZ	M5 FORM A WASHER	2	
23	XNS05	M5 ROUND OPEN NUTSERT	2	
24	LM2-500-54	HINGE PLATE	1	

+ Item not illustrated

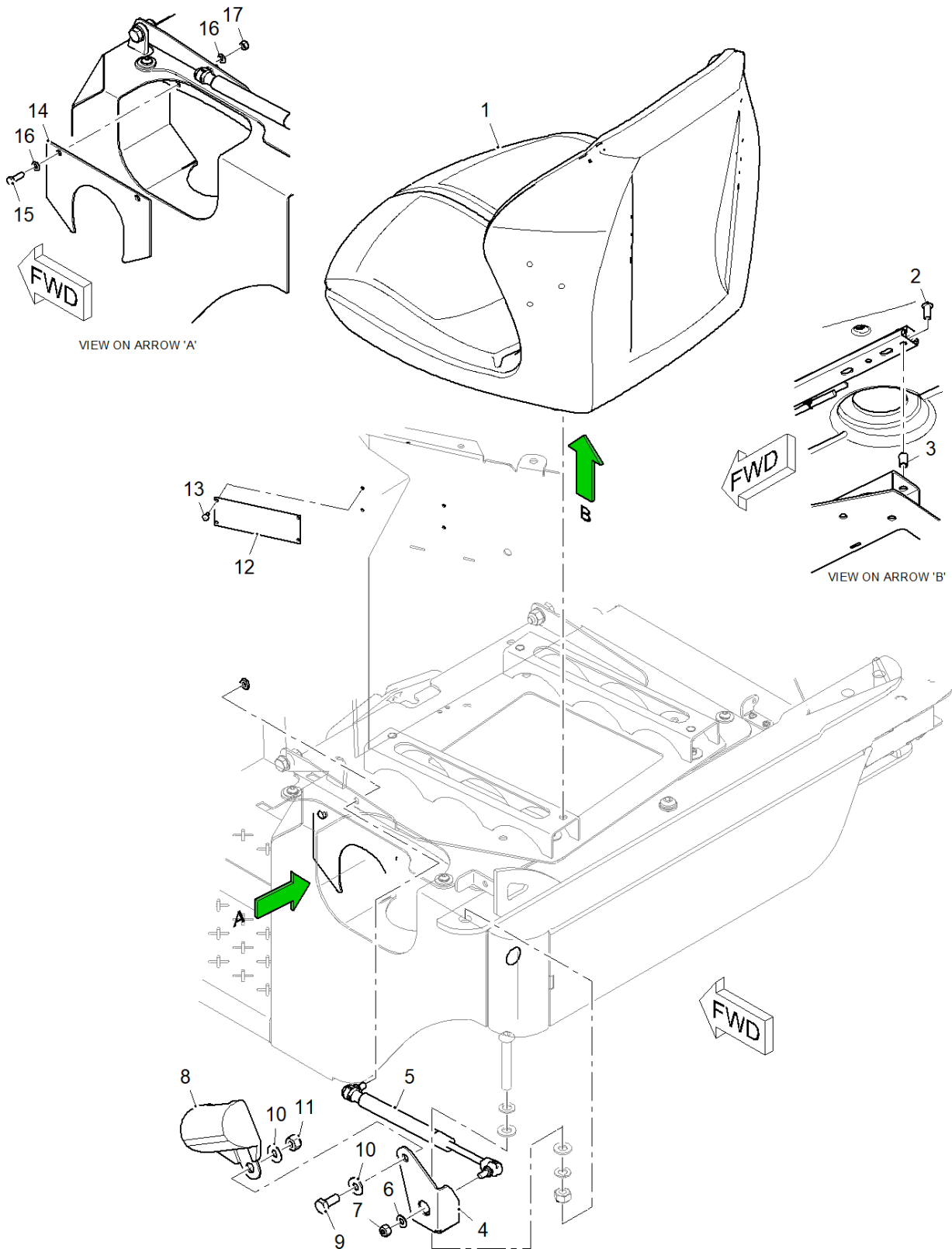


Fig 1-7 LM2-50-00 – UK Standard Specification Cabin – Seat Assembly



**LM2-50-00 – UK STANDARD SPECIFICATION CABIN – SEAT ASSEMBLY**

Fig - Item	Part No	Description	Qty	Notes
1-7 1	YSEAT5	COMFORT SEAT WITHOUT SEAT BELT	1	
2	XBUT08020SKTZB	M8X20 BUTTON HEAD SCREW 8.8	4	
3	XNS08	M8 ROUND OPEN NUTSERT	6	
4	LM2-520-00	SEAT BUCKLE PIVOT MOUNT	1	
5	YGASTRUT35	500N 325 MM GAS STRUT	1	
6	XW08AZ	M8 FORM A WASHER	1	
7	XN08N	M8 NYLOC NUT	1	
8	LM2-520-03	SEAT BELT REEL MOUNT	1	
9	XS10025Z	M10X25 HEX HEAD SCREW 8.8	2	
10	XW10AZ	M10 FORM A WASHER	4	
11	XN10N	M10 NYLOC NUT	1	
12	YLABEL2	SERIAL PLATE	1	
13	XR04010	3X10 POP RIVET	4	
14	LM2-500-07	FUEL FILLER COVER	1	
15	XS06020Z	M6X20 HEX HEAD SCREW 8.8	2	
16	XW06AZ	M6 FORM A WASHER	5	
17	XN06N	M6 NYLOC NUT	2	

+ Item not illustrated

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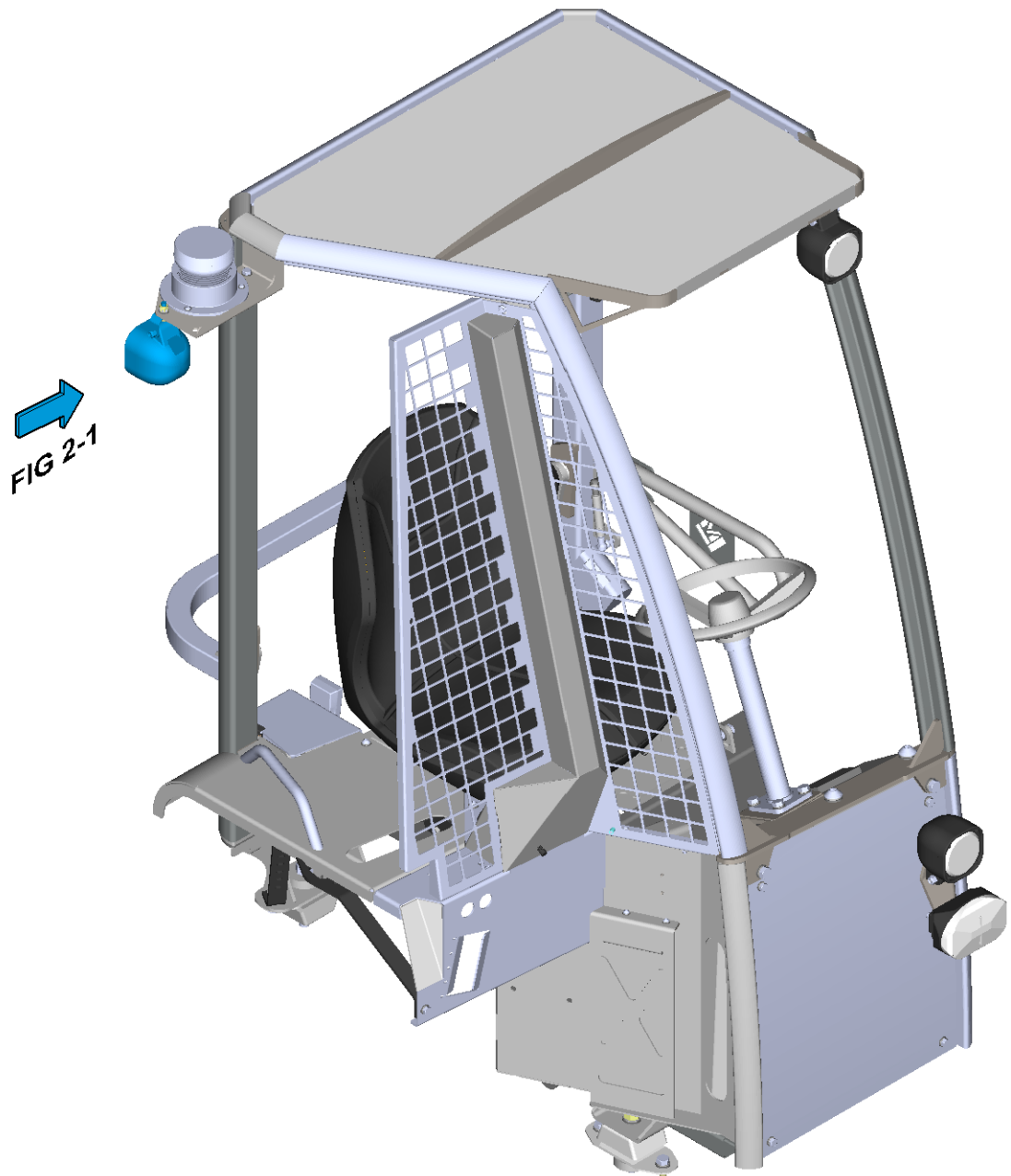


Fig 2 LM2-50-00 – UK Standard Specification Cabin –LED Work Light - Breakdown

OPTIONAL - LED WORK LIGHT

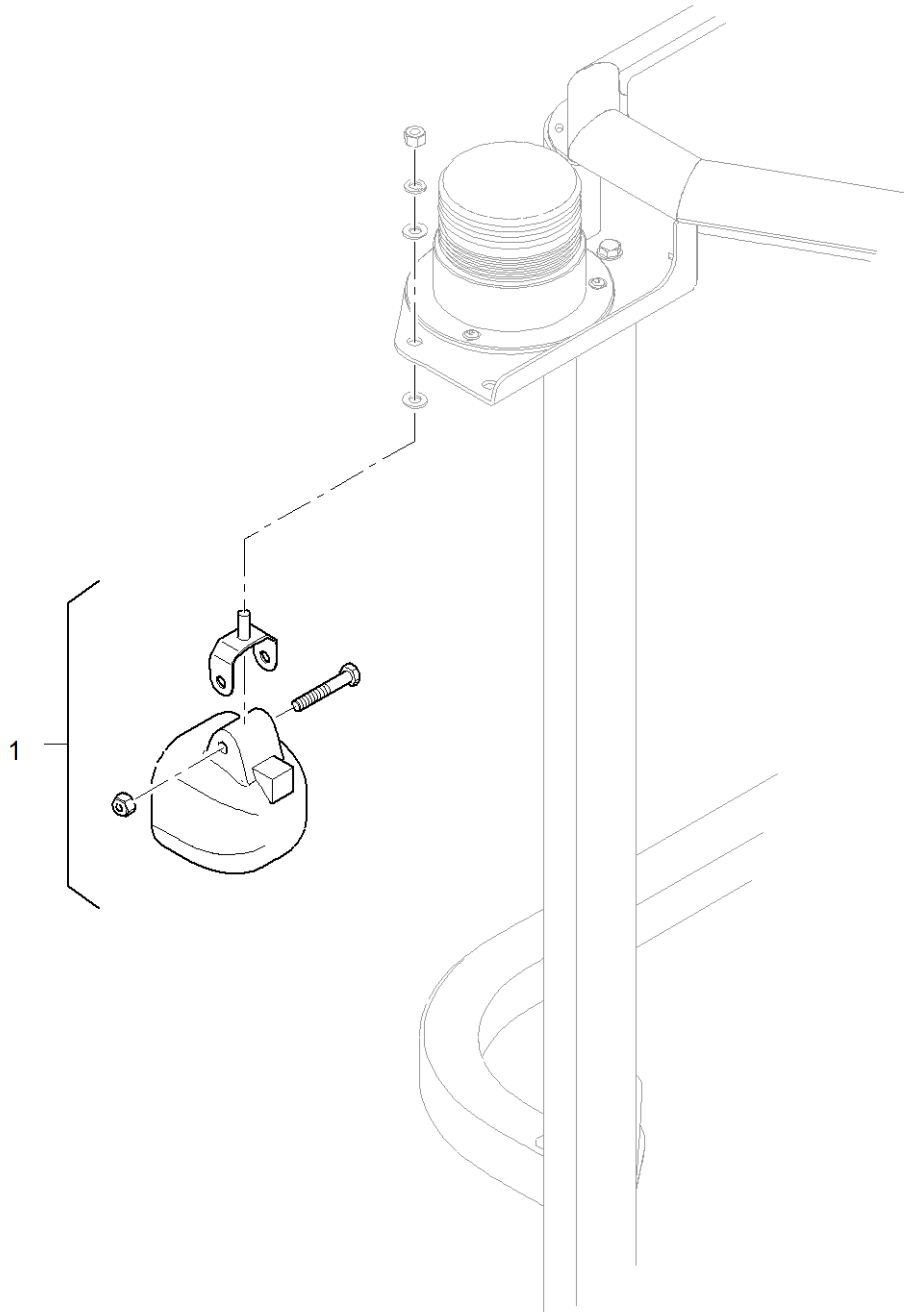


Fig 2-1 LM2-50-00 – UK Standard Specification Cabin – LED Work Light Option

## LM2-50-00 – UK STANDARD SPECIFICATION CABIN –LED WORK LIGHT OPTION

Fig - Item	Part No	Description	Qty	Notes
2-1 1	YLIGHT43	LED WORK LIGHT	1	OPTIONAL BONNET WORK LIGHT (REPLACES YLIGHT22)

+ Item not illustrated

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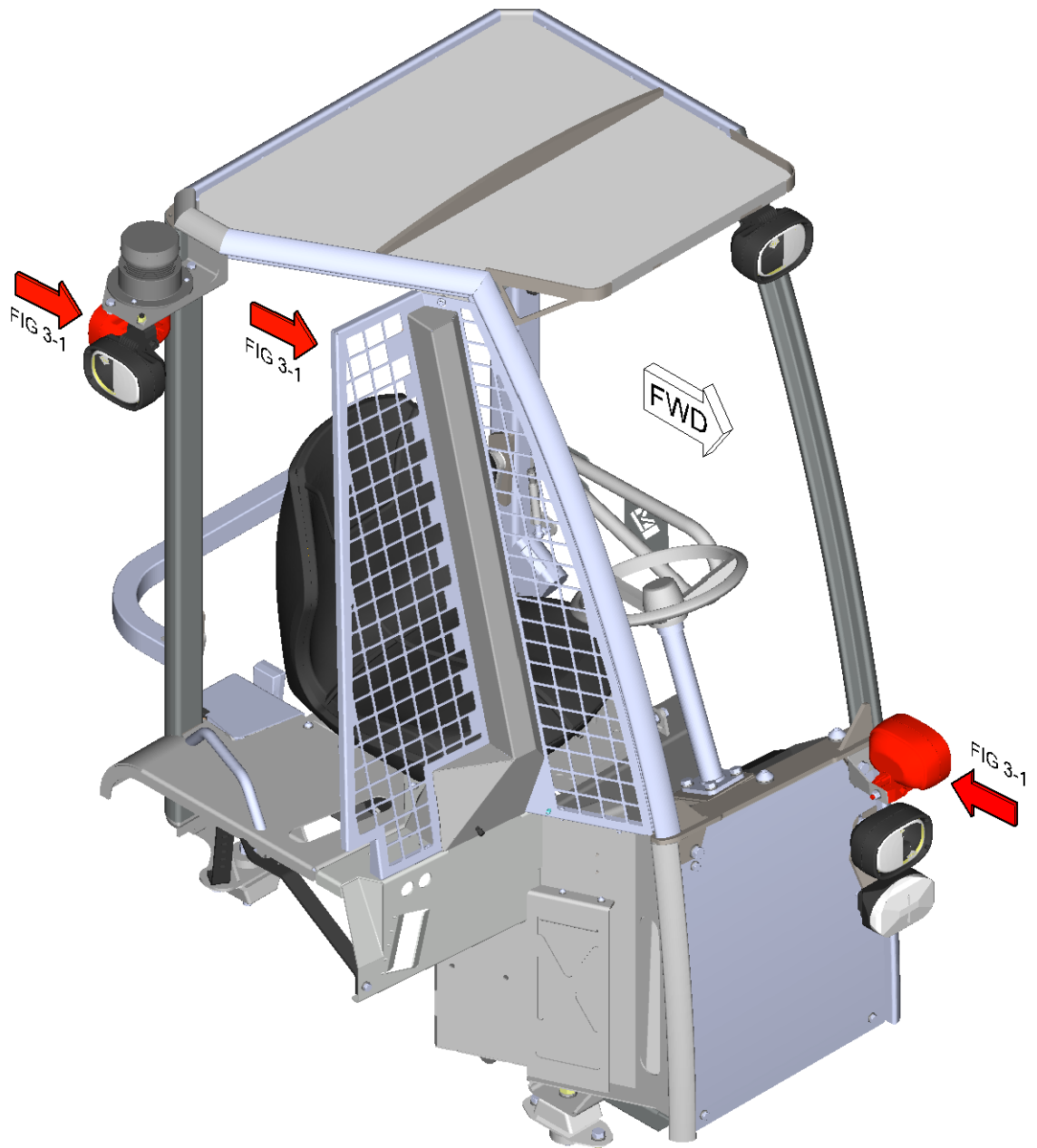
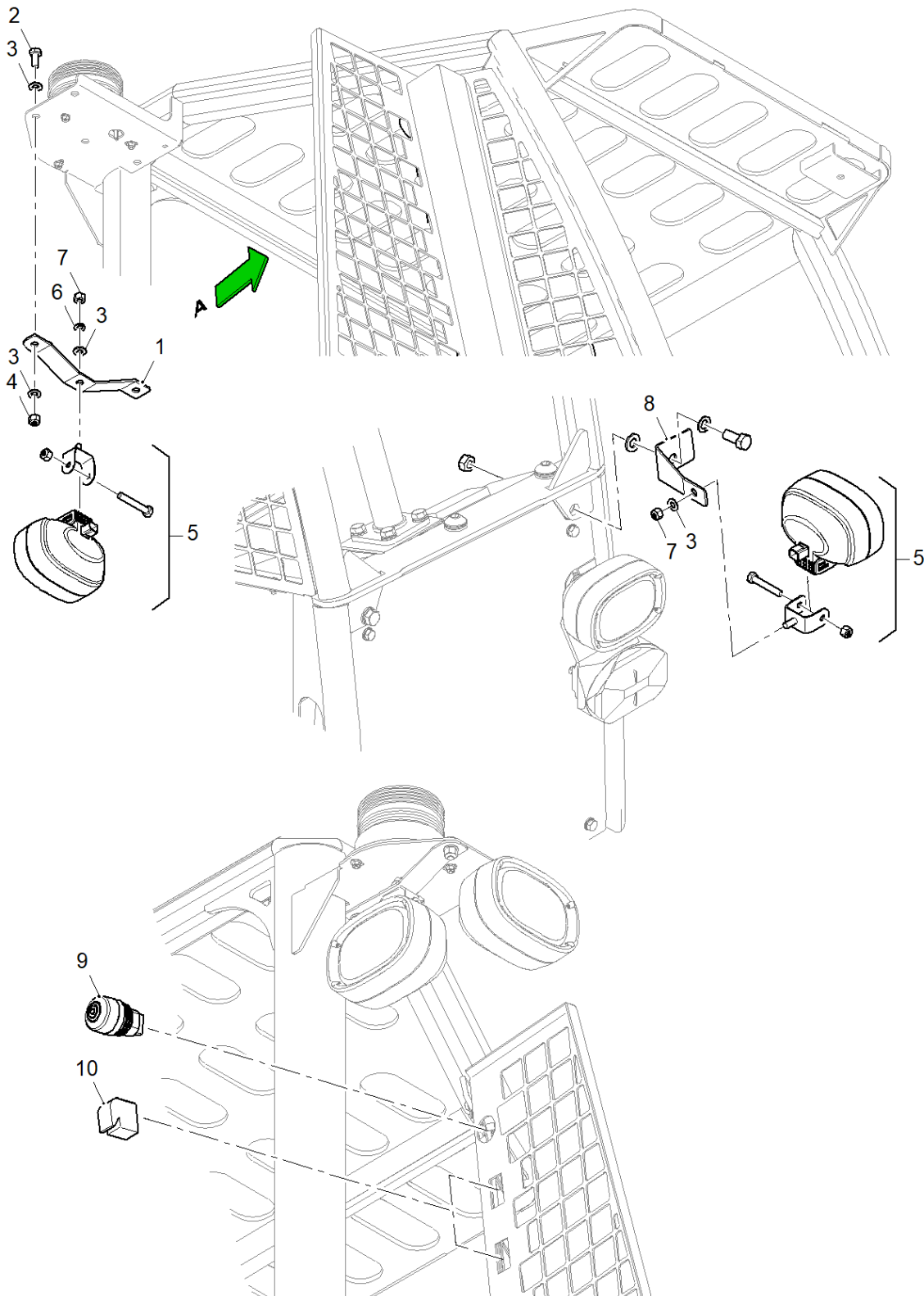


Fig 3 LM2-50-00 – Multi-Directional Steer – Halogen Lighting Option – Breakdown

MULTI-DIRECTIONAL STEER – HALOGEN LIGHTING OPTION



VIEW ON ARROW 'A'

Fig 3-1 LM2-50-00 – Multi-Directional Steer – Halogen Lighting Option



**LM2-50-00 – MULTI-DIRECTIONAL STEER – HALOGEN LIGHTING OPTION**

Fig - Item	Part No	Description	Qty	Notes
3-1 1	LM2-540-02	MULTI-DIRECTIONAL REAR WORK LIGHT BRACKET	1	STANDARD ADDITIONAL MULTI- DIRECTIONAL CAB WORK LIGHT
2	XS08020Z	M8X20 HEX HEAD SCREW 8.8	4	
3	XW08AZ	M8 FORM A WASHER	11	
4	XN08N	M8 NYLOC NUT	3	
5	YLIGHT22	HALOGEN WORK LIGHT	2	
6	XW08SZ	M8 SPRING WASHER	2	
7	XN08Z	M8 PLAIN NUT	2	
8	LM2-540-01	MULTI-DIRECTIONAL FRONT WORK LIGHT BRACKET	1	
9	YBEACON10	COMBO BEACON	1	
10	YSWITCH47	DIFF LOCK AND LIGHT SWITCH	2	

+ Item not illustrated

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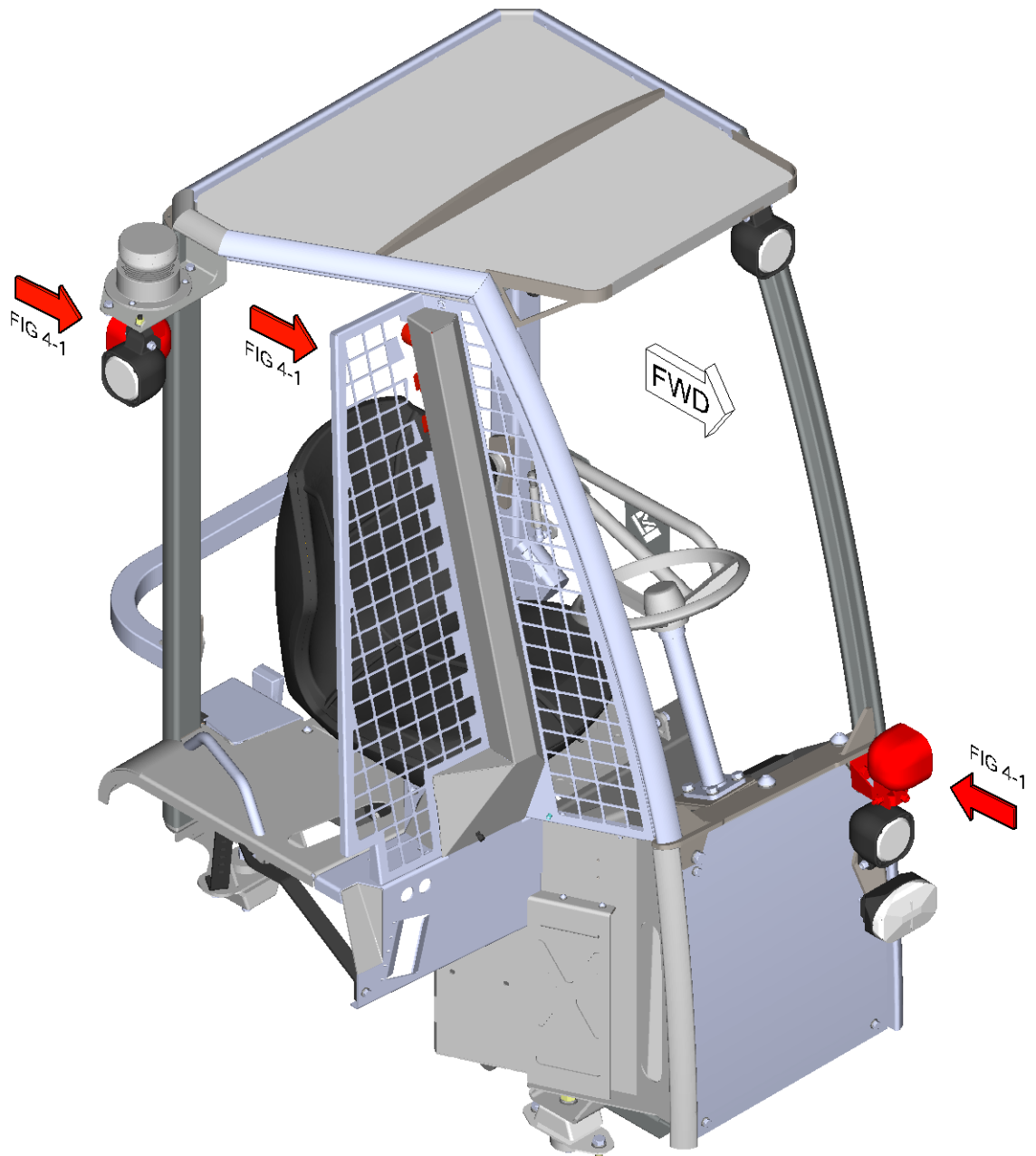


Fig 4 LM2-50-00 – Multi-Directional Steer – Lighting Option – Breakdown

MULTI-DIRECTIONAL STEER – LED LIGHTING OPTION

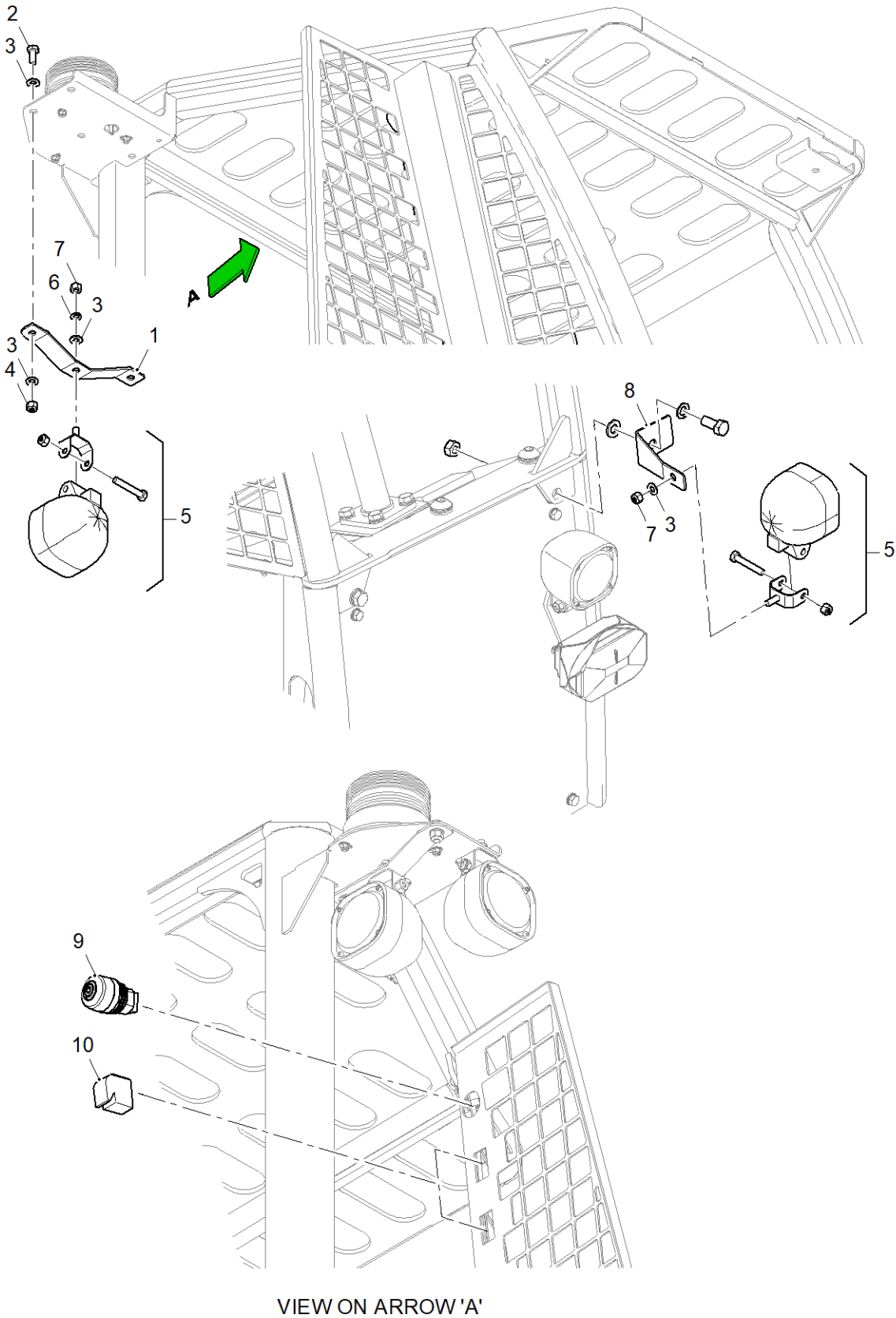


Fig 4-1 LM2-50-00 – Multi-Directional Steer – LED Lighting Option

**LM2-50-00 – MULTI-DIRECTIONAL STEER – LED LIGHTING OPTION**

Fig - Item	Part No	Description	Qty	Notes
4-1 1	LM2-540-02	MULTI-DIRECTIONAL REAR WORK LIGHT BRACKET	1	ADDITIONAL MULTI-DIRECTIONAL CAB WORK LIGHT OPTION
2	XS08020Z	M8X20 HEX HEAD SCREW 8.8	4	
3	XW08AZ	M8 FORM A WASHER	11	
4	XN08N	M8 NYLOC NUT	3	
5	YLIGHT43	LED WORK LIGHT	2	
6	XW08SZ	M8 SPRING WASHER	2	
7	XN08Z	M8 PLAIN NUT	2	
8	LM2-540-01	MULTI-DIRECTIONAL FRONT WORK LIGHT BRACKET	1	
9	YBEACON10	COMBO BEACON	1	
10	YSWITCH47	DIFF LOCK AND LIGHT SWITCH	2	

+ Item not illustrated

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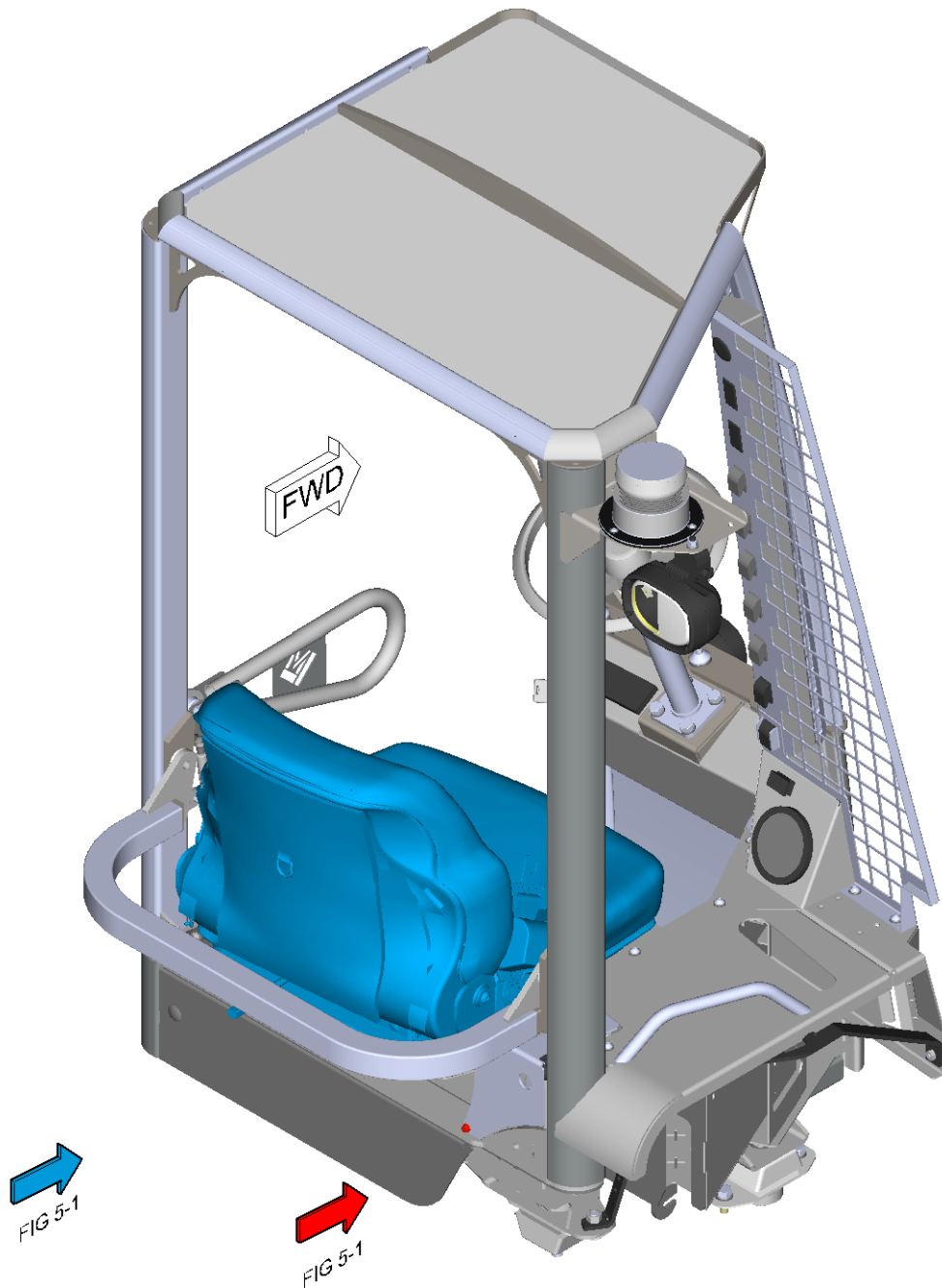


Fig 5 LM2-50-00 – Suspension Seat Option – Breakdown

SUSPENSION SEAT OPTION

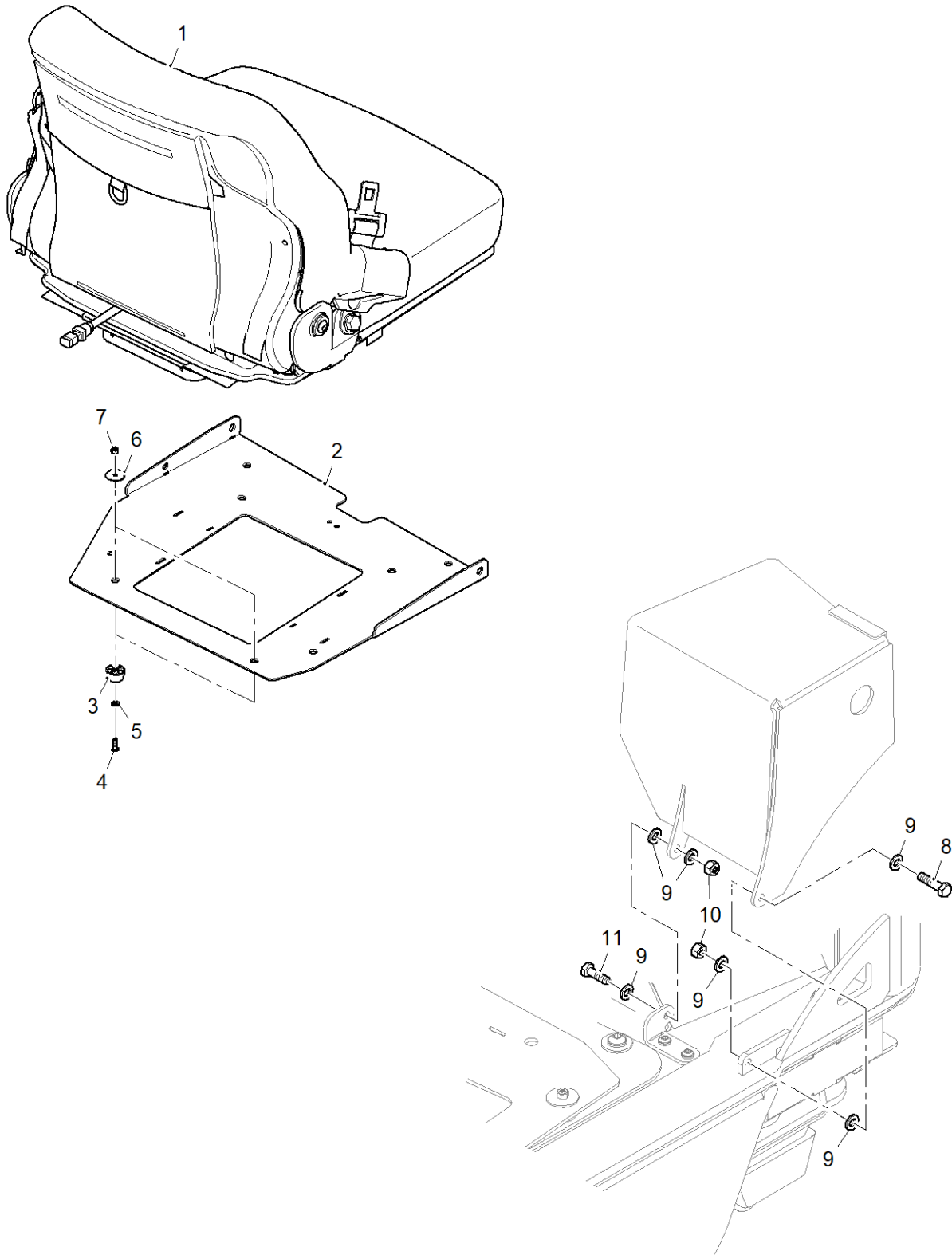


Fig 5-1 LM2-50-00 – Suspension Seat Option



**LM2-50-00 – SUSPENSION SEAT OPTION**

Fig - Item	Part No	Description	Qty	Notes
5-1 1	YSEAT2	SEAT	1	
2	LM2-500-13	SEAT TILT PLATE	1	REPLACES YSEAT5 OR YSEATBELT2 OR YSEATBELT3
3	YBUFFER1	SMALL BUFFER STOP	2	
4	XBUT05016SKTZB	M5X16 BUTTON HEAD SCREW 8.8	2	
5	XW05AZ	M5 FORM A WASHER	2	
6	XW05GZ	M5 FORM G WASHER	2	
7	XN05N	M5 NYLOC NUT	2	
8	XS06020Z	M6X20 HEX HEAD SCREW 8.8	1	
9	XW06AZ	M6 FORM A WASHER	6	
10	XN06N	M6 NYLOC NUT	2	
11	XS06025Z	M6X25 HEX HEAD SCREW 8.8	1	

+ Item not illustrated

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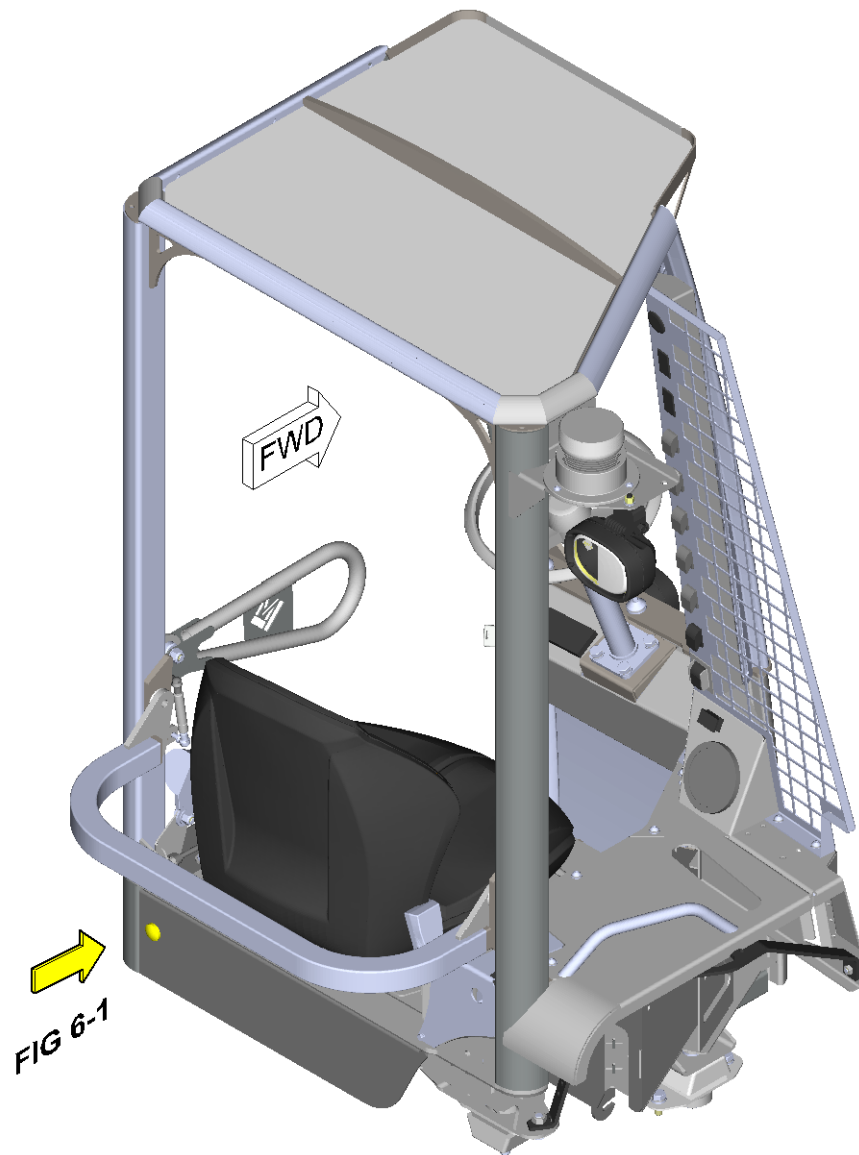


Fig 6 LM2-50-00 – USA / CAN Marker Light Option – Breakdown

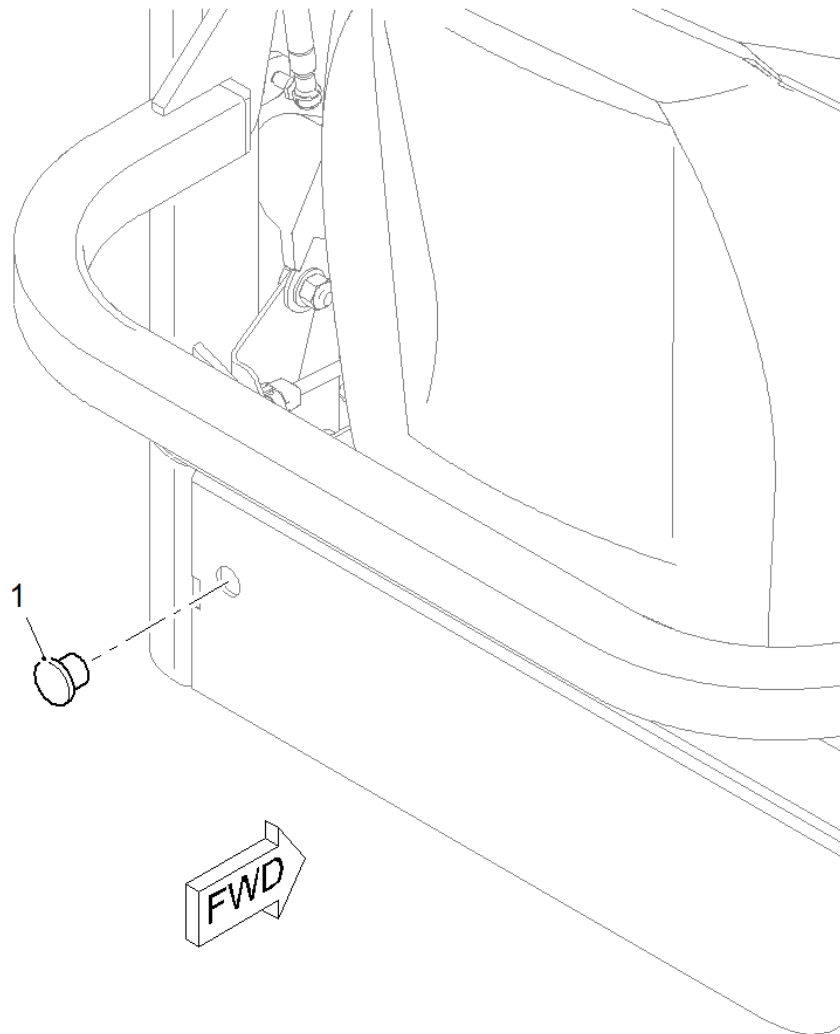


Fig 6-1 LM2-50-00 – USA / CAN Marker Light Option

## LM2-50-00 – USA / CAN MARKER LIGHT OPTION

Fig - Item	Part No	Description	Qty	Notes
6-1 1	YLIGHT40	SINGLE RED LED WITH GROMMET	1	

+ Item not illustrated

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## CHAPTER 4

# LM2-60-00 POWERTRAIN ASSEMBLY

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## CHAPTER 4

### LM2-64-00 SERVICE CONTROL SYSTEM

#### CONTENTS

Fig		Page
1	LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine – Breakdown Sheet 1 of 2	3
1	LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine – Breakdown Sheet 2 of 2	4
1-1	LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine – Sheet 1 of 7 (Engine Mounts, Associated Pipelines) .....	6
1-2	LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine - Sheet 2 of 7 (Exhaust System, Flywheel Housing and Throttle Mount) .....	8
1-3	LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine - Sheet 3 of 7 (Radiator Assembly) .....	10
1-4	LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine - Sheet 4 of 7 (Components) .....	12
1-5	LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine - Sheet 5 of 7 (Coolant System) .....	14
1-6	LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine - Sheet 6 of 7 (Fan Assembly) .....	16
1-7	LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine - Sheet 7 of 7 (Air Filter Mount) .....	18
2	LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Breakdown (Sheet 1 of 3)	21
2	LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Breakdown (Sheet 2 of 3)	22
2	LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Breakdown (Sheet 3 of 3)	23
2-1	LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Sheet 1 of 6 (Engine Mounts, Associated Pipe Lines) .....	24
2-2	LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Sheet 2 of 6 (Exhaust System, Flywheel Housing, Throttle Mount and Air Filter Assemblies) ...	26
2-3	LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Sheet 3 of 6 (Components) .....	28
2-4	LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Sheet 4 of 6 (Radiator Assembly) .....	30
2-5	LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Sheet 5 of 6 (Coolant System) .....	32
2-6	LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Sheet 6 of 6 (Fan & Coolant Assemblies) .....	34
3	LM2-62-00 Fuel System – Breakdown .....	37
3-1	LM2-62-00 Fuel System – Sheet 1 of 2 .....	38
3-2	LM2-62-00 Fuel System – Sheet 2 of 2 .....	40
4	LM2-500-80 Engine Throttle System – Breakdown .....	43
4-1	LM2-500-80 Engine Throttle System .....	44

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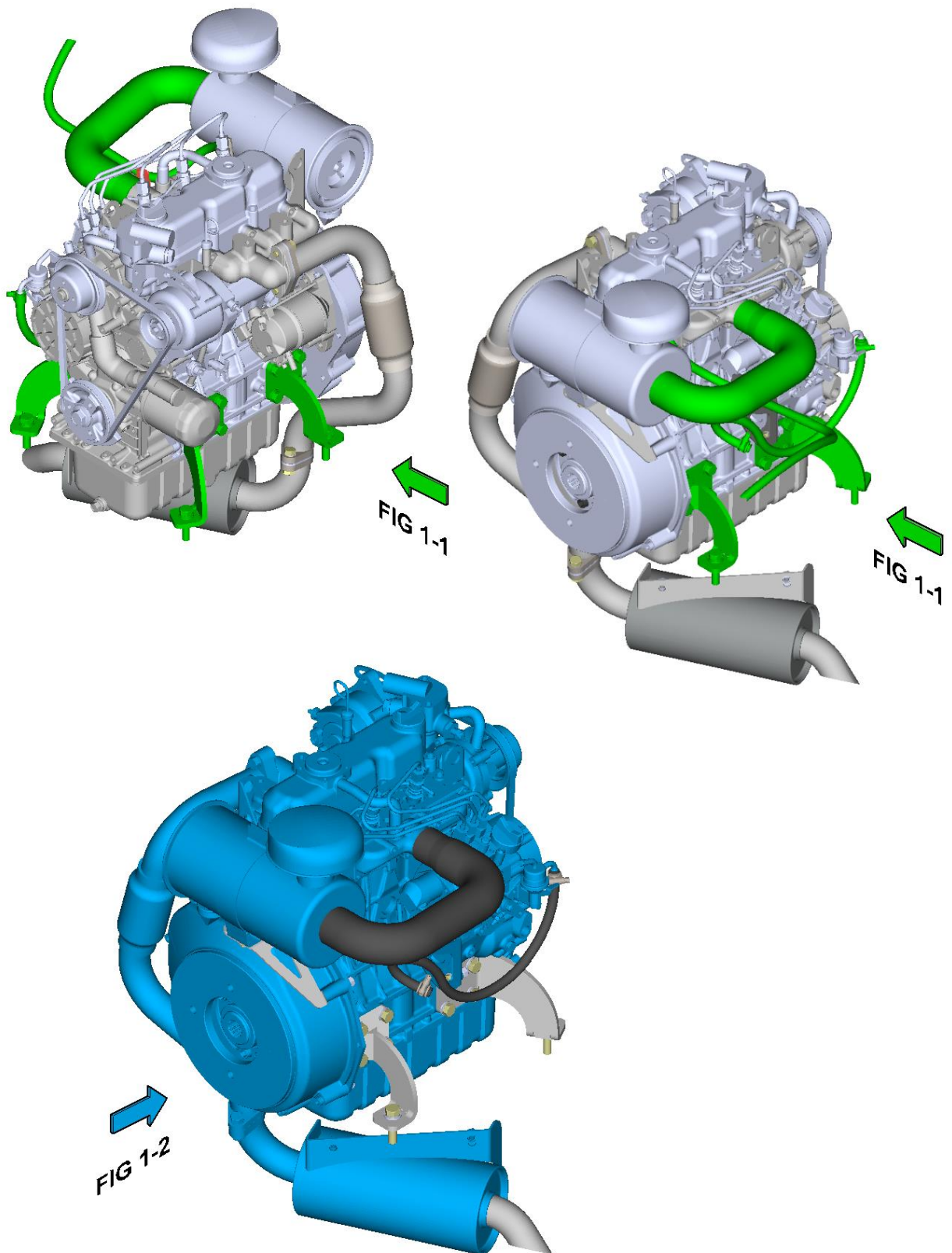


Fig 1 LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine – Breakdown Sheet 1 of 2

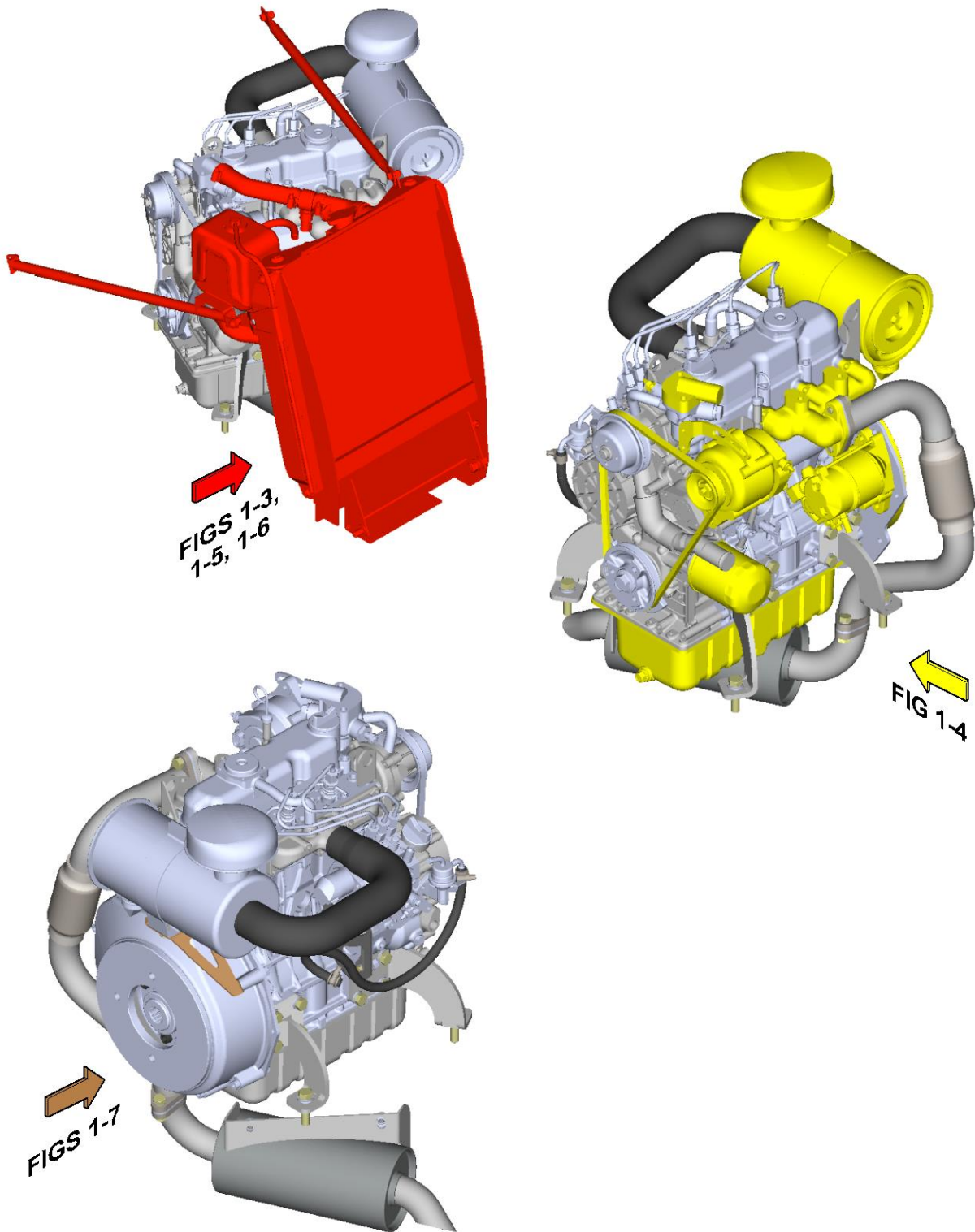


Fig 1 LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine – Breakdown Sheet 2 of 2

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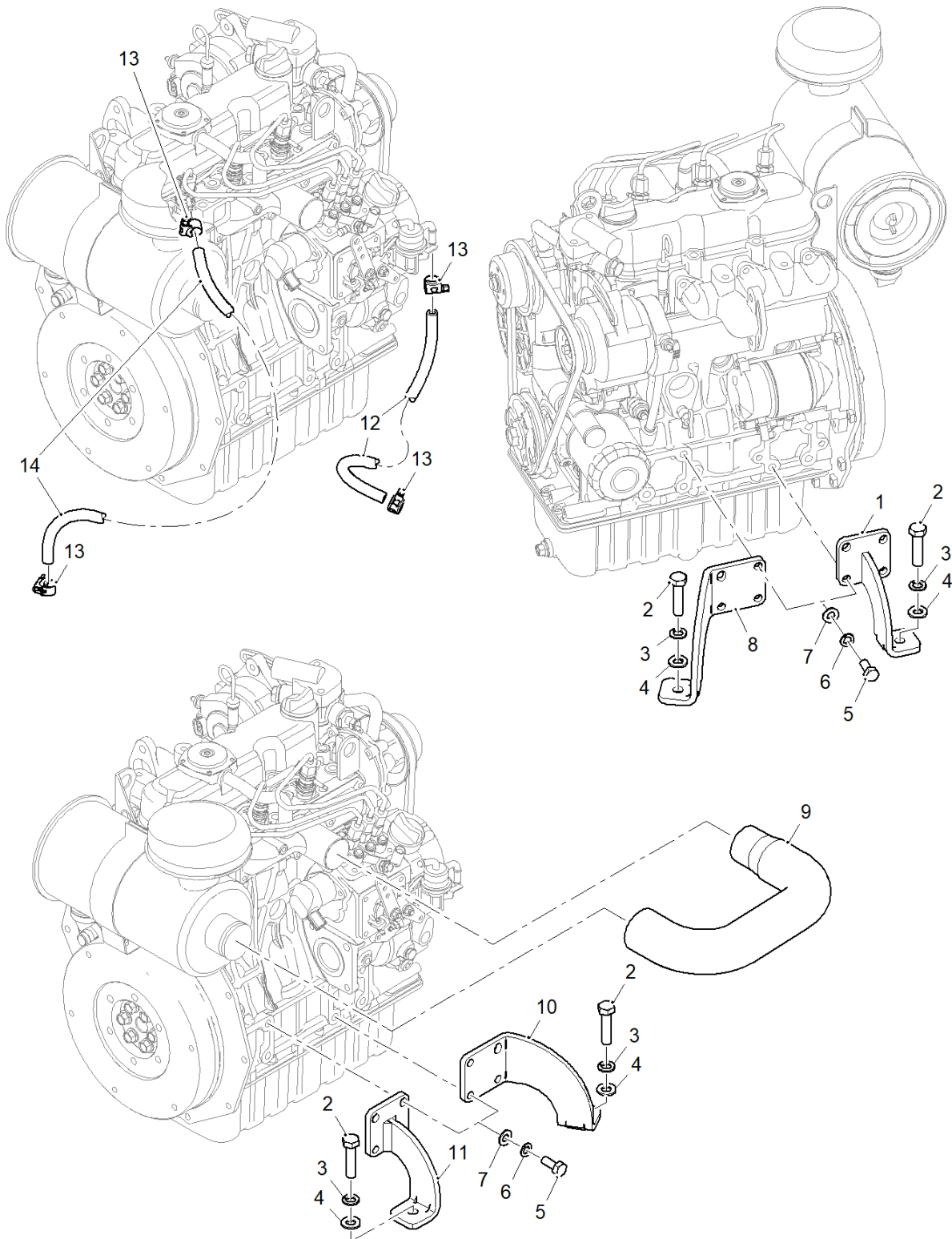


Fig 1-1 LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine – Sheet 1 of 7  
(Engine Mounts, Associated Pipelines)

**LM2-60-00 KUBOTA D1305-E4B, 3 CYLINDER DIESEL ENGINE – SHEET 1 OF 7  
(ENGINE MOUNTS, ASSOCIATED PIPELINES)**

Fig - Item	Part No	Description	Qty	Notes
1-1 1	LM2-114-00	ENGINE MOUNT 1	1	
2	XS12050Z	M12X50 HEX HEAD SCREW 8.8	4	
3	XW12SZ	M12 SPRING WASHER	4	
4	XW12AZ	M12 FORM A WASHER	4	
5	XS10025ZFINE	M10X25 HEX HEAD SCREW 8.8	16	
6	XW10SZ	M10 SPRING WASHER	23	
7	XW10AZ	M10 FORM A WASHER	16	
8	LM2-108-01	FRONT RIGHT ENGINE MOUNT	1	
9	LM2-106-02	ENGINE INLET PIPING	1	
10	LM2-110-01	REAR RIGHT ENGINE MOUNT	1	
11	LM2-115-00	ENGINE MOUNT 2	1	
12	LM2-600-07	14 MM FUEL HOSE 570 MM LONG	1	
13	YCLIP16	12-20 MM CLIP	4	
14	LM2-600-08	14 MM FUEL HOSE 1828 MM LONG	1	

+ Item not illustrated

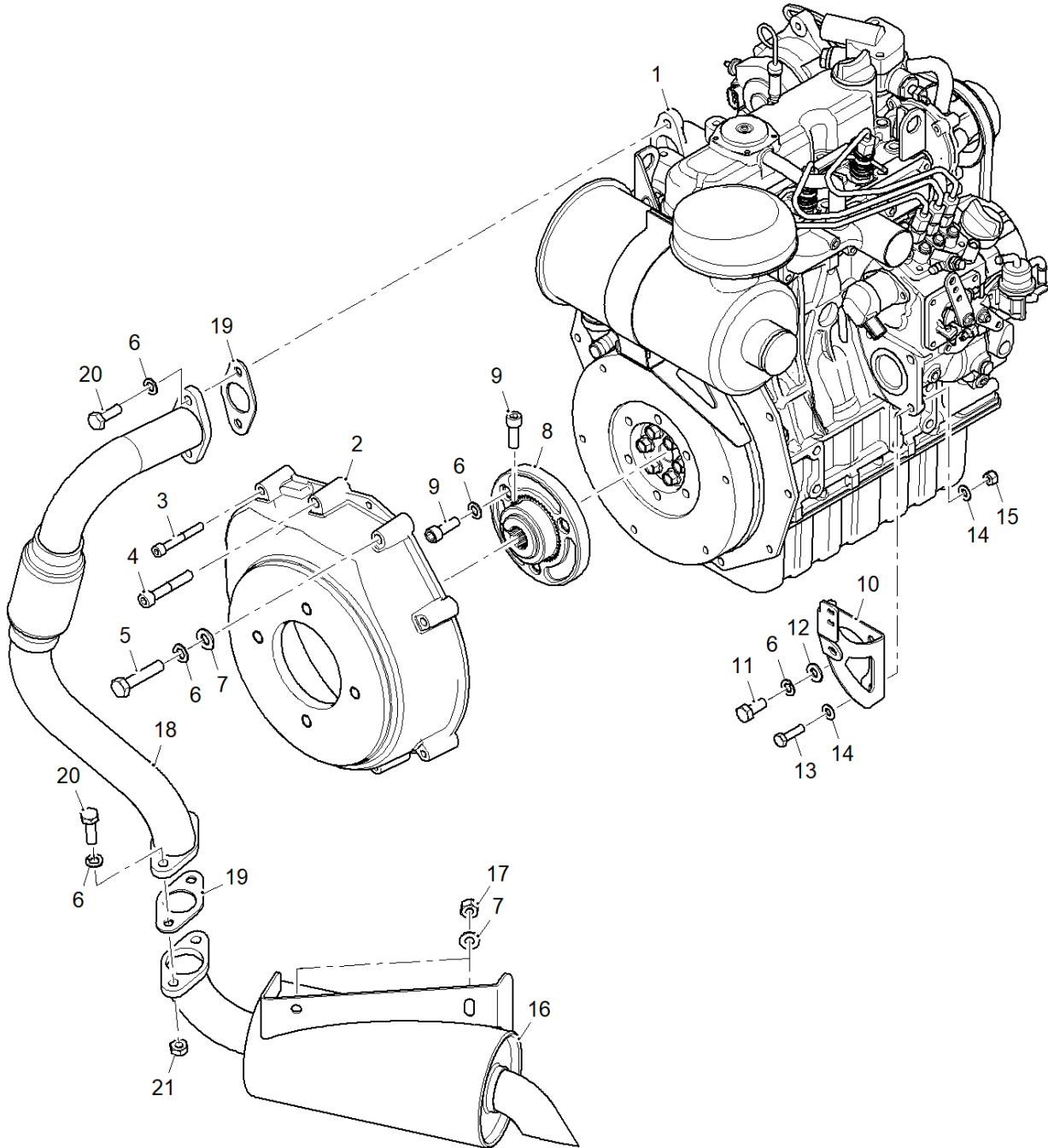


Fig 1-2 LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine - Sheet 2 of 7  
(Exhaust System, Flywheel Housing and Throttle Mount)



**LM2-60-00 KUBOTA D1305-E4B, 3 CYLINDER DIESEL ENGINE – SHEET 2 OF 7  
(EXHAUST SYSTEM, FLYWHEEL HOUSING AND THROTTLE MOUNT)**

Fig - Item	Part No	Description	Qty	Notes
1-2 1	16264-12311	EXHAUST MANIFOLD	1	
2	YCOUPLING2-HOUSING	COUPLING HOUSING	1	
3	XSC08060Z	M8X60 CAP HEAD SCREW 8.8	8	
4	XSC10060Z	M10X60 CAP HEAD SCREW 8.8	1	
5	XS10070Z	M10X70 HEX HEAD SCREW 8.8	1	
6	XW10SZ	M10 SPRING WASHER	2	
7	XW10AZ	M10 FORM A WASHER	2	
8	YCOUPLING2-ADAPTOR RING	COUPLING ADAPTER RING	1	
9	XSC10030Z	M10x30 CAP HEAD SCREW 8.8	3	
10	LM2-104-03	THROTTLE CABLE MOUNT	1	
11	XS10025ZFINE	M10X25 HEX HEAD SCREW 8.8	2	
12	XW10AZ	M10 FORM A WASHER	2	
13	XS08030Z	M8X30 HEX HEAD SCREW 8.8	1	
14	XW08AZ	M8 FORM A WASHER	2	
15	XN08N	M8 NYLOC NUT	2	
16	LM2-605-39	EXHAUST SILENCER	1	
17	XN10N	M10 NYLOC NUT	2	
18	LM2-605-37	D1305 EXHAUST DOWNPIPE	1	
19	15313-12370	KUBOTA 2 BOLT EXHAUST GASKET	2	
20	XS10035Z	M10X35 HEX HEAD SCREW 8.8	2	
21	XN10Z	M10 PLAIN NUT	2	
22	XS10030Z	M10X30 HEX HEAD SCREW 8.8	2	

+ Item not illustrated

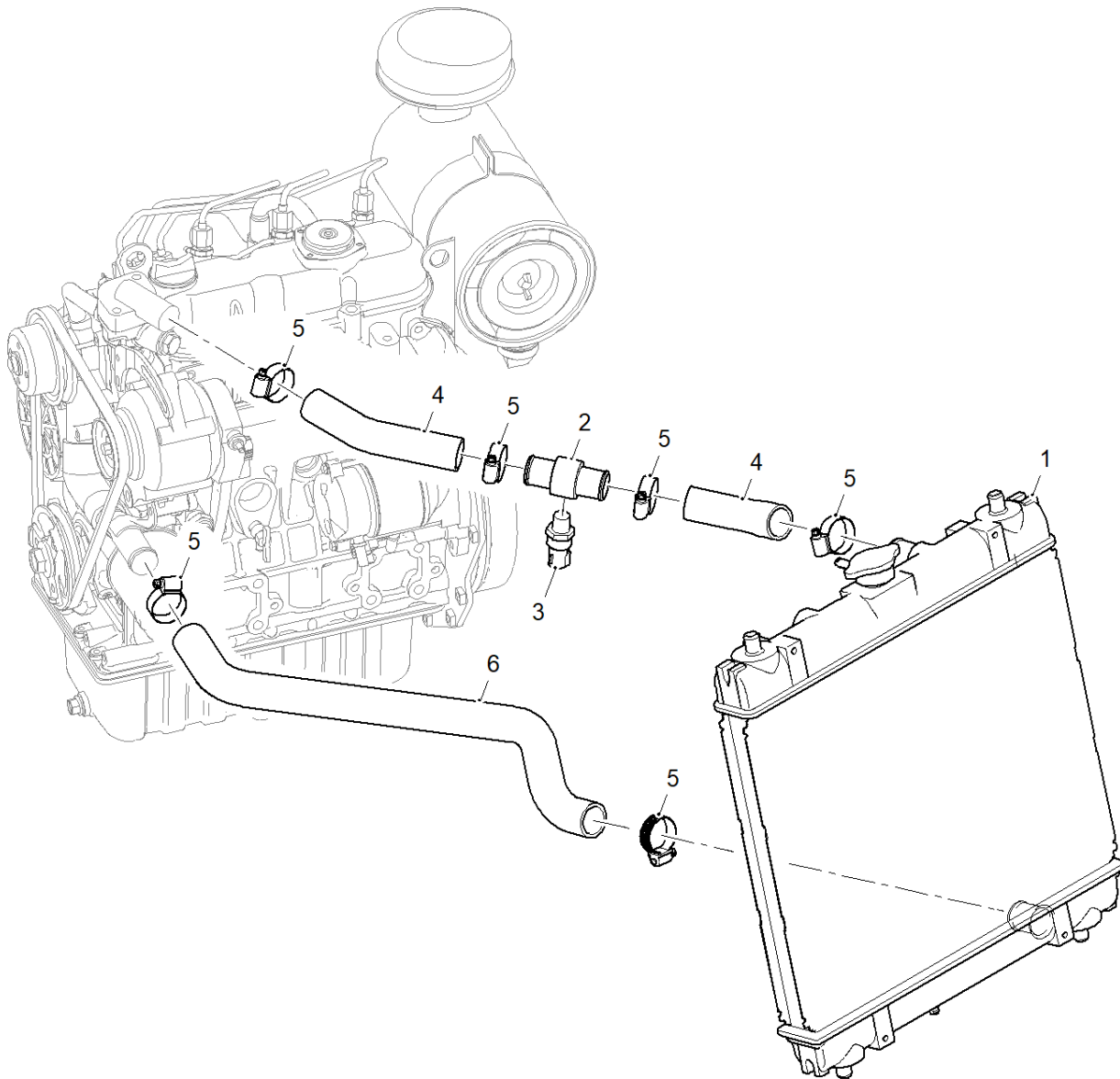


Fig 1-3 LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine - Sheet 3 of 7 (Radiator Assembly)

**LM2-60-00 KUBOTA D1305-E4B, 3 CYLINDER DIESEL ENGINE – SHEET 3 OF 7  
(RADIATOR ASSEMBLY)**

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

+ Item not illustrated

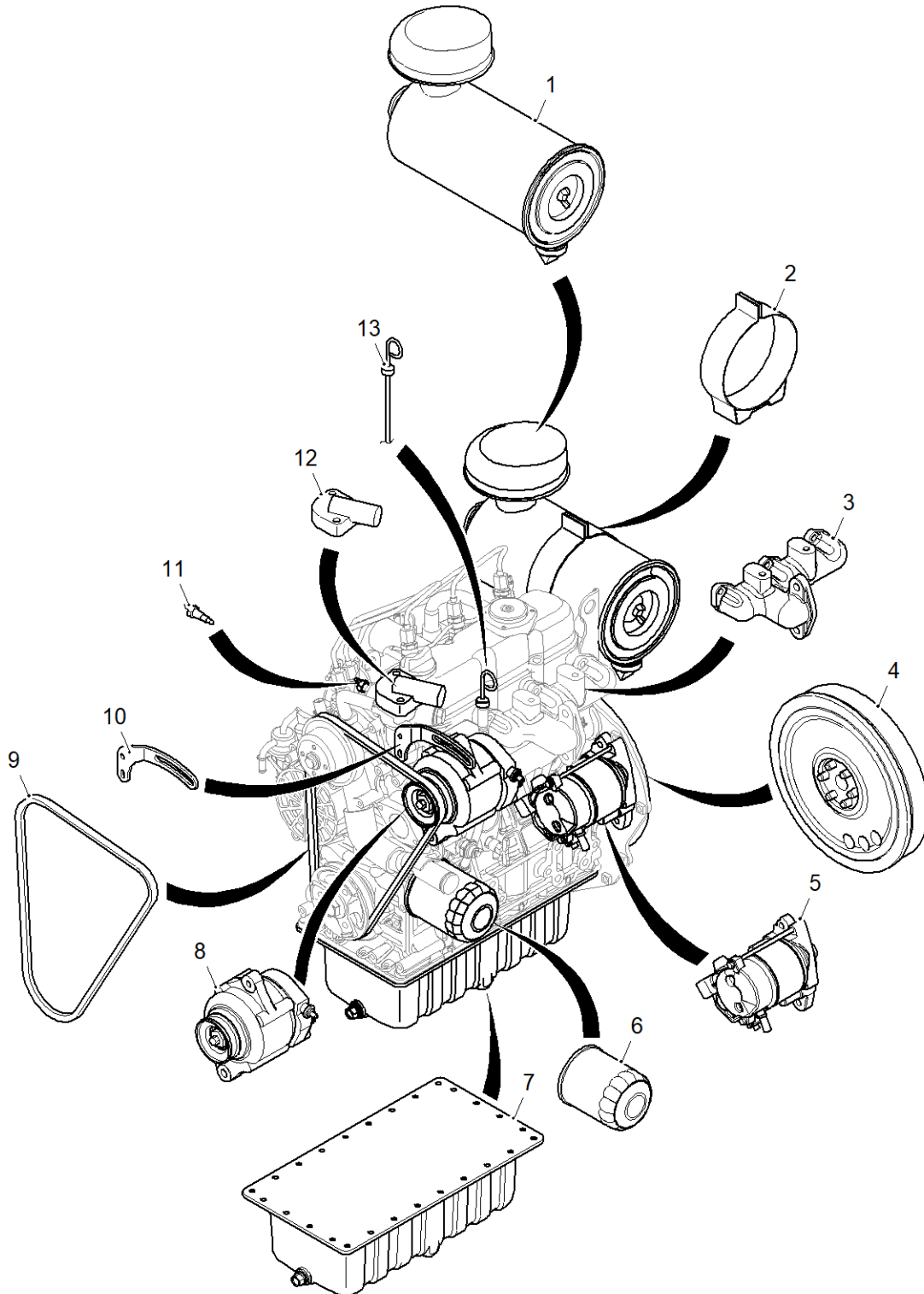


Fig 1-4 LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine - Sheet 4 of 7 (Components)

**LM2-60-00 KUBOTA D1305-E4B, 3 CYLINDER DIESEL ENGINE – SHEET 4 OF 7  
(COMPONENTS)**

Fig - Item	Part No	Description	Qty	Notes
1-4 1	16616-1103-05	AIR FILTER CANISTER	1	
2	15000-36931	AIR FILTER BAND	1	
3	16264-12311	EXHAUST MANIFOLD	1	
4	1G900-25011	FLYWHEEL ASSEMBLY	1	
5	16611-63013-1	STARTER MOTOR	1	
6	16271-32093	OIL FILTER	1	
7	1G900-01601	SUMP ASSEMBLY	1	
8	19630-64015	ALTERNATOR 60 A	1	
9	16282-97011	AUXILIARY BELT	1	
10	16241-64422	ALTERNATOR STAY	1	
11	16222-83041	TEMPERATURE SWITCH (3 CYL.)	1	
12	16212-73260	THERMOSTAT COVER (3 CYL.)	1	
13	1G900-36411	DIP STICK	1	

+ Item not illustrated

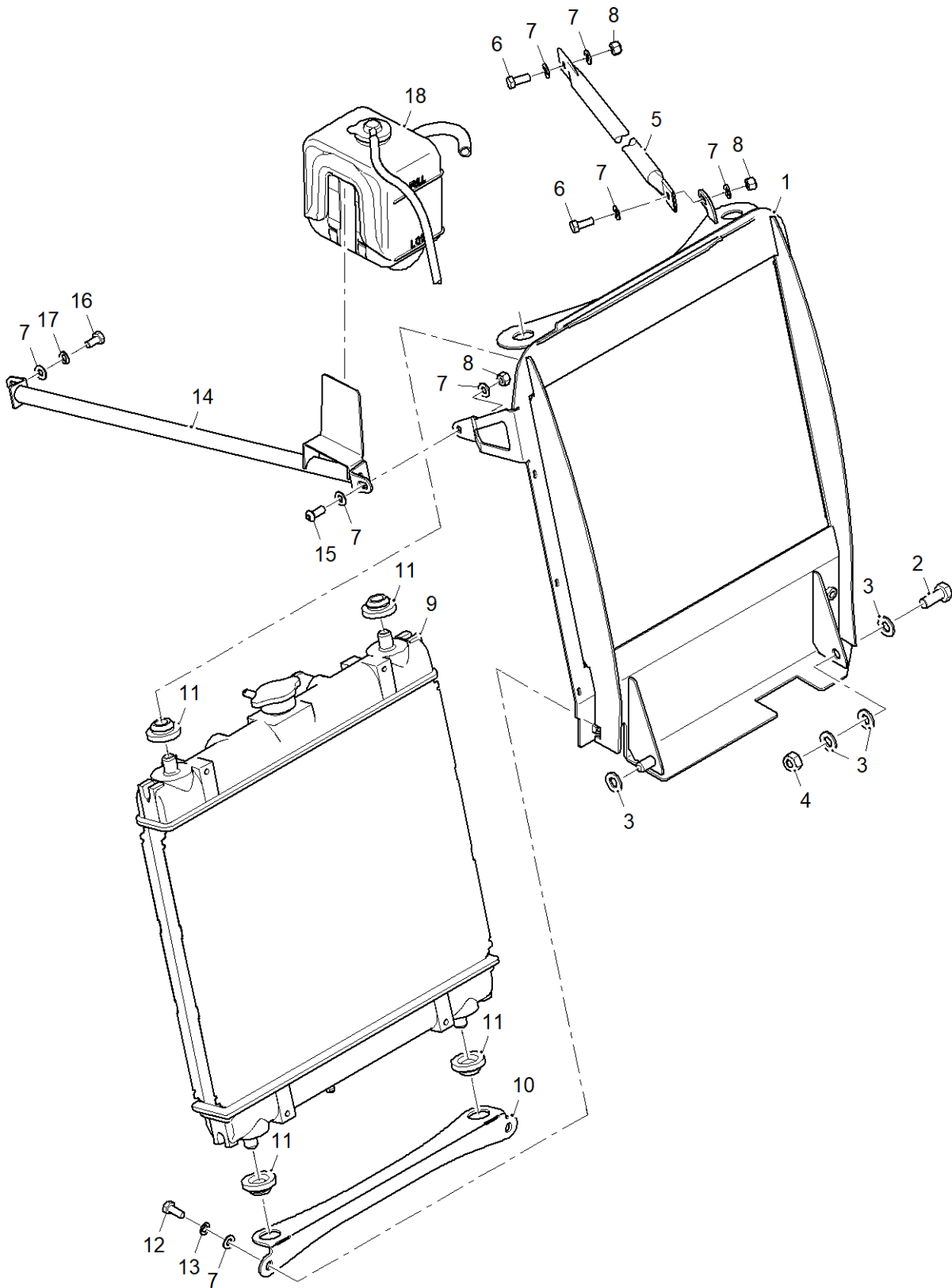


Fig 1-5 LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine - Sheet 5 of 7 (Coolant System)

**LM2-60-00 KUBOTA D1305-E4B, 3 CYLINDER DIESEL ENGINE – SHEET 5 OF 7  
(COOLANT SYSTEM)**

Fig - Item	Part No	Description	Qty	Notes
1-5 1	LM2-103-20	RADIATOR MOUNTING FRAME	1	
2	XS12030Z	M12X30 HEX HEAD SCREW 8.8	1	
3	XW12AZ	M12 FORM A WASHER	4	
4	XN12N	M12 NYLOC NUT	1	
5	LM2-100-98	TOP RADIATOR STRUT	1	
6	XS08020Z	M8X20 HEX HEAD SCREW 8.8	2	
7	XW08AZ	M8 FORM A WASHER	8	
8	XN08N	M8 NYLOC NUT	3	
9	1G34772061_M	RADIATOR	1	
10	LM2-103-66	RADIATOR MOUNT RAIL	1	
11	34070-16031	RADIATOR CUSHION	4	
12	XS08020Z	M8X20 HEX HEAD SCREW 8.8	2	
13	XW08SZ	M8 SPRING WASHER	1	
14	LM2-103-06	RH RADIATOR STRUT	1	
15	XBUT08020SKTZB	M8X20 BUTTON HEAD SCREW 8.8	1	
16	XS08016Z	M8X16 HEX HEAD SCREW 8.8	1	
17	XW08SZ	M8 SPRING WASHER	1	
18	19077-2092_RT02	HEADER TANK	1	

+ Item not illustrated

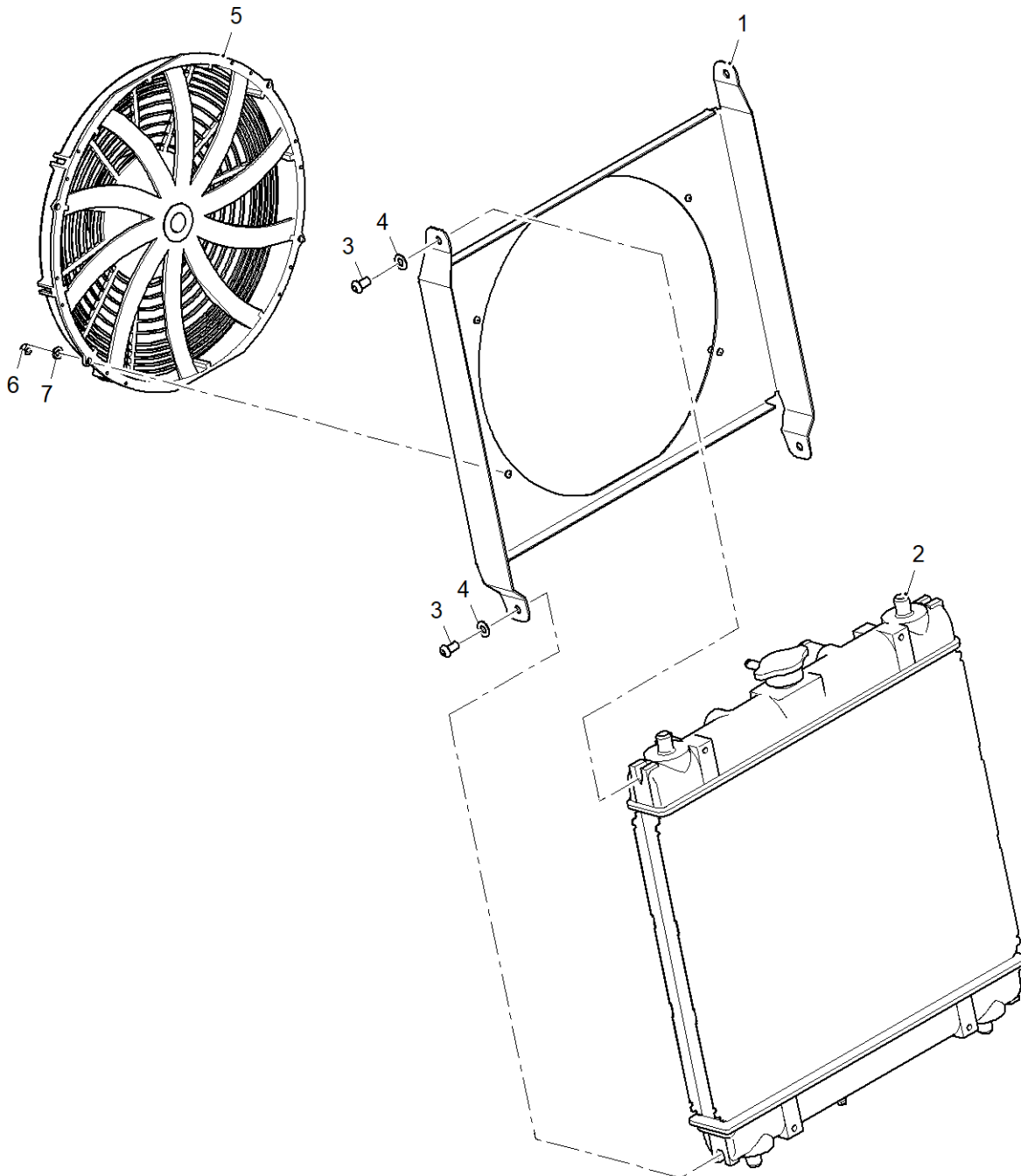


Fig 1-6 LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine - Sheet 6 of 7 (Fan Assembly)



**LM2-60-00 KUBOTA D1305-E4B, 3 CYLINDER DIESEL ENGINE – SHEET 6 OF 7  
(FAN ASSEMBLY)**

Fig - Item	Part No	Description	Qty	Notes
1-6 1	LM2-101-40	FAN SHROUD	1	
2	1G34772061_M	RADIATOR	1	
3	XBUT08016SKTZB	M8X16 BUTTON HEAD SCREW 8.8	4	
4	XW08AZ	M8 FORM A WASHER	4	
5	YFAN1	ELECTRIC FAN	1	
6	XW06AZ	M6 FORM A WASHER	4	
7	XN06N	M6 PLAIN NUT	4	

+ Item not illustrated

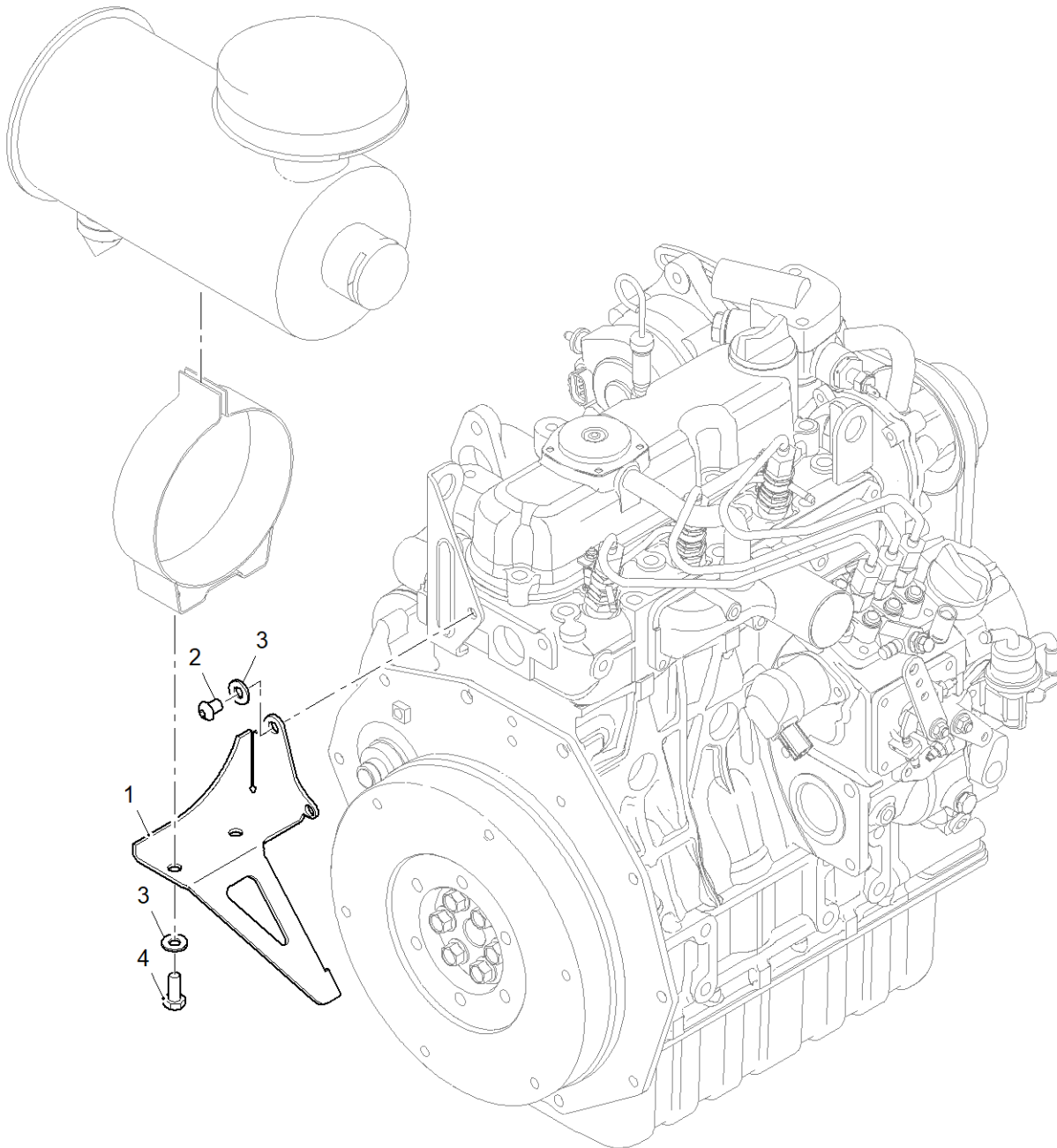


Fig 1-7 LM2-60-00 Kubota D1305-E4B, 3 Cylinder Diesel Engine - Sheet 7 of 7 (Air Filter Mount)

**LM2-60-00 KUBOTA D1305-E4B, 3 CYLINDER DIESEL ENGINE – SHEET 7 OF 7  
(AIR FILTER MOUNT)**

Fig - Item	Part No	Description	Qty	Notes
1-7 1	LM2-106-01	AIR FILTER MOUNT	1	
2	XBUT08012SKTZB	M8X12 BUTTON HEAD SCREW 8.8	1	
3	XW08CZB	M8 FORM C WASHER	2	
4	XS08020Z	M8X20 HEX HEAD SCREW 8.8	2	

+ Item not illustrated

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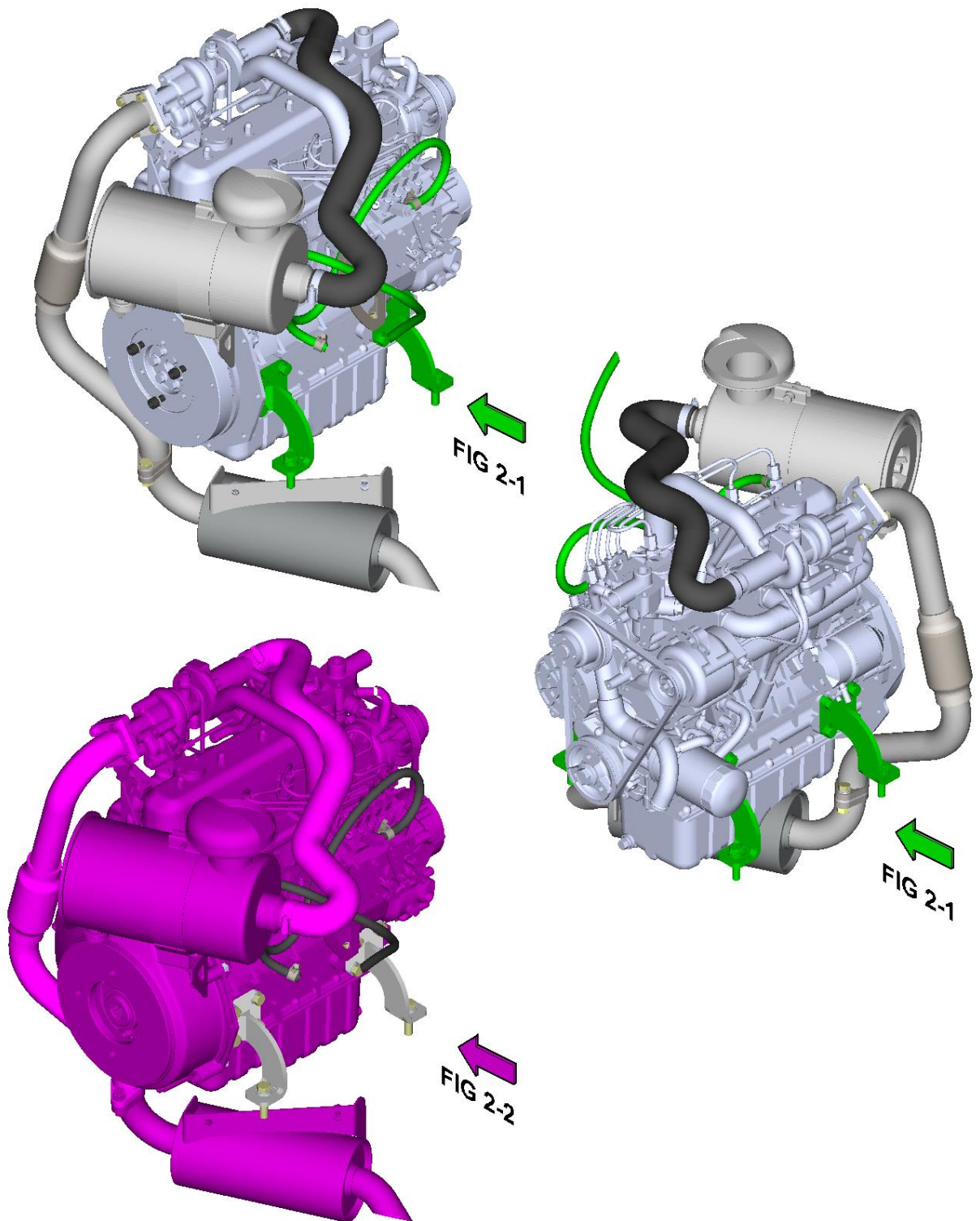


Fig 2 LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Breakdown (Sheet 1 of 3)

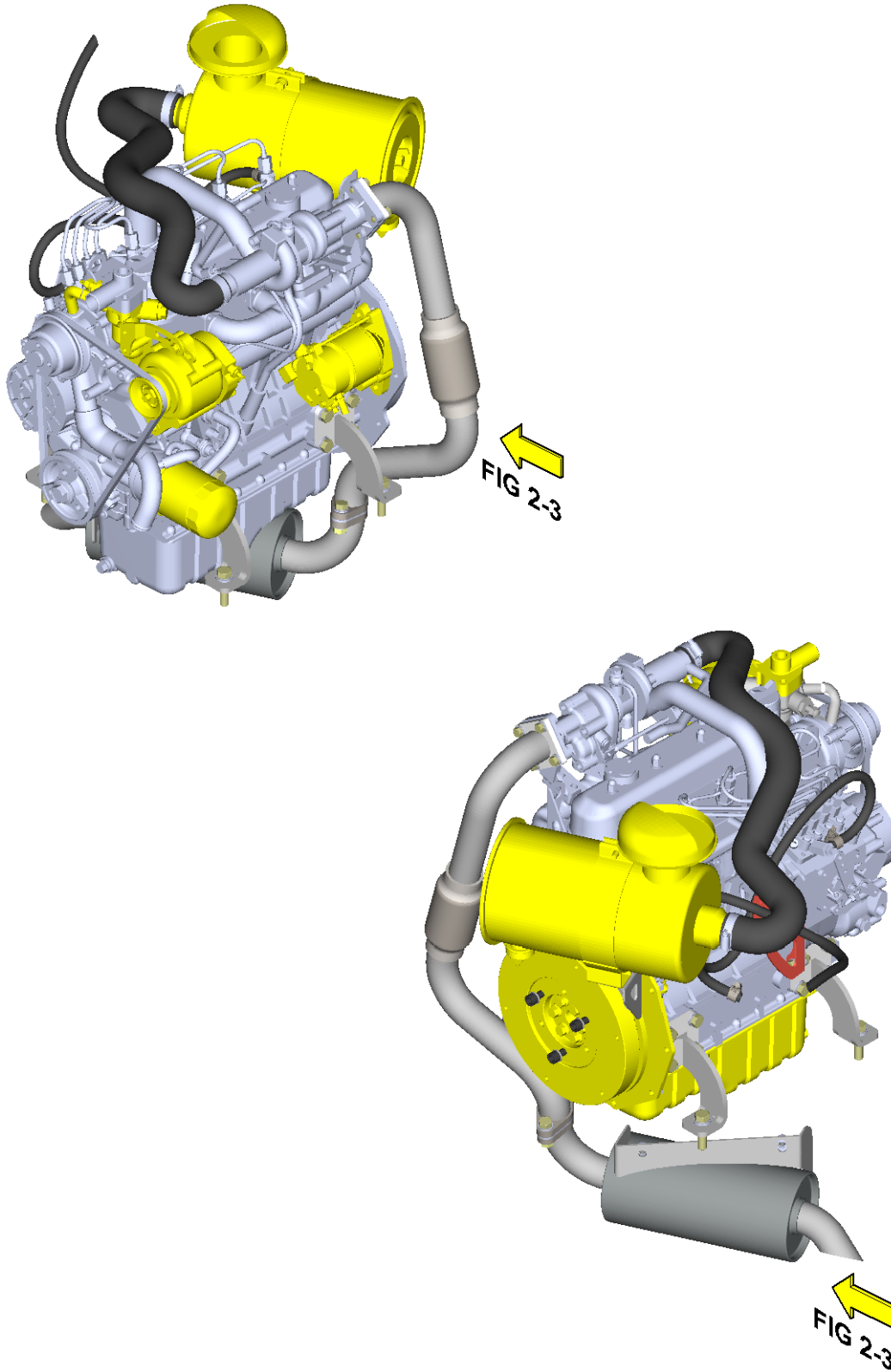


Fig 2 LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Breakdown (Sheet 2 of 3)

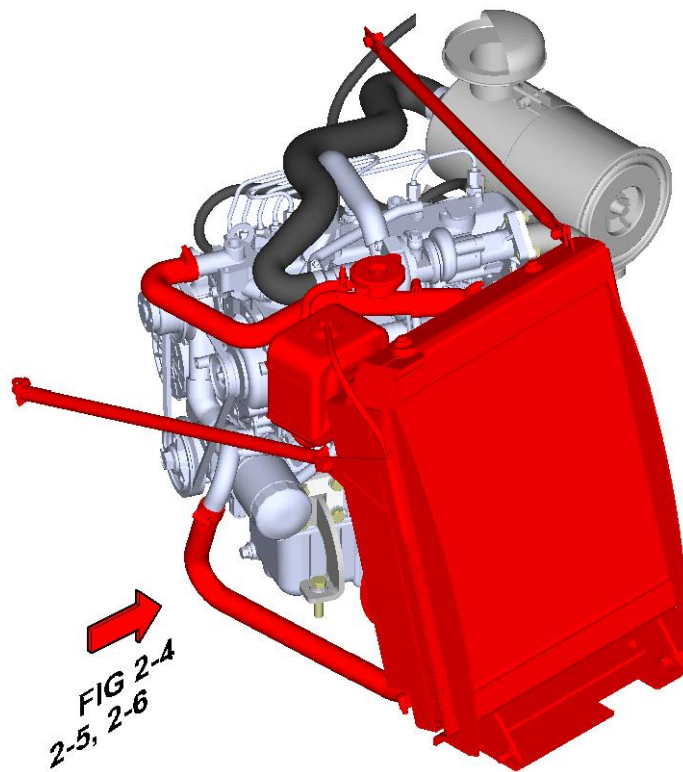


Fig 2 LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Breakdown (Sheet 3 of 3)

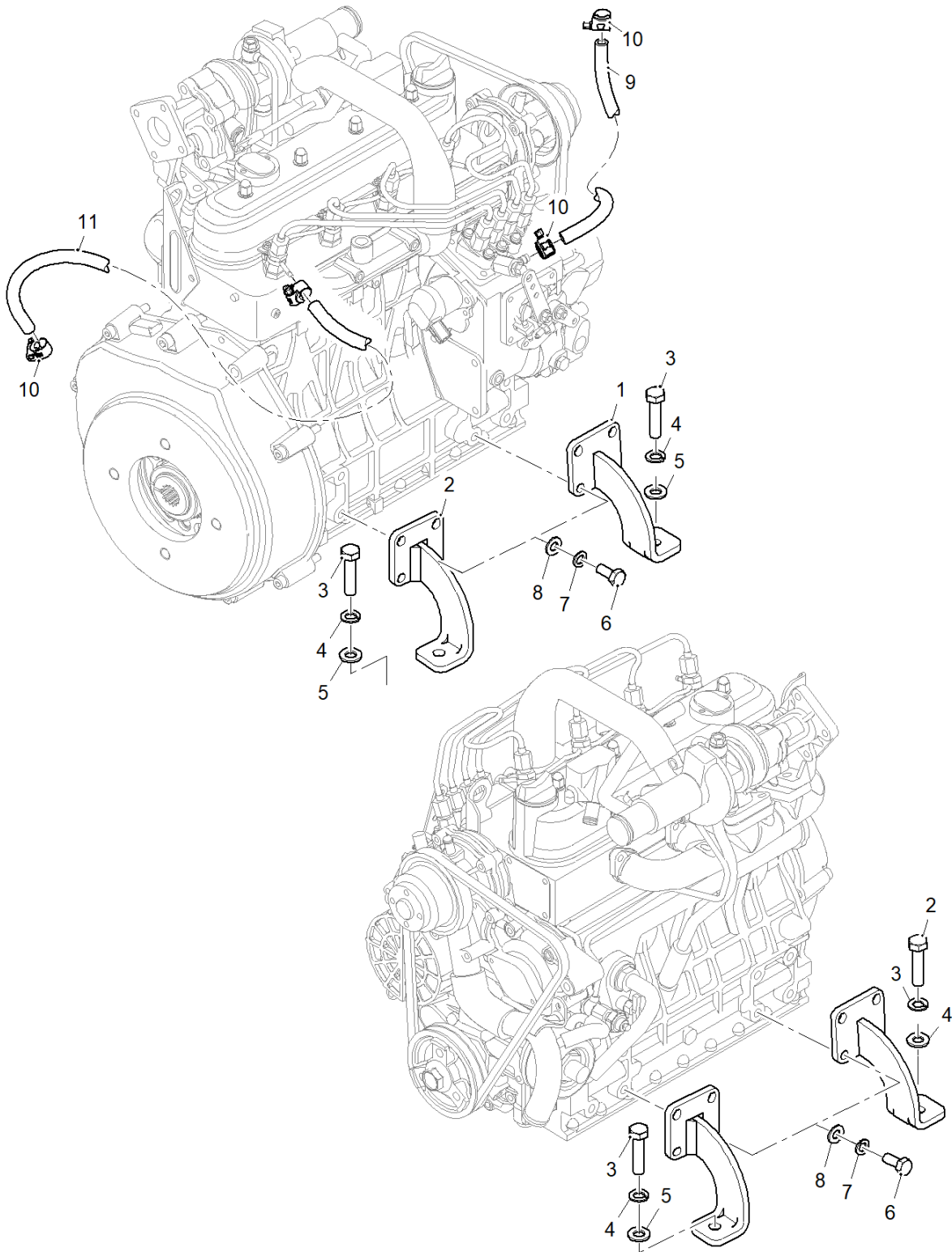


Fig 2-1 LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Sheet 1 of 6  
(Engine Mounts, Associated Pipe Lines)



**LM2-60-20 KUBOTA V1505-T-E4B, 4 CYLINDER DIESEL ENGINE – SHEET 1 OF 6  
(ENGINE MOUNTS, ASSOCIATED PIPE LINES)**

Fig - Item	Part No	Description	Qty	Notes
2-1 1	LM2-114-00	ENGINE MOUNT 1	2	
2	LM2-115-00	ENGINE MOUNT 2	2	
3	XS12050Z	M12X50 HEX HEAD SCREW 8.8	4	
4	XW12SZ	M12 SPRING WASHER	4	
5	XW12AZ	M12 FORM A WASHER	4	
6	XS10025ZFINE	M10X25 HEX HEAD SCREW 8.8	16	
7	XW10SZ	M10 SPRING WASHER	16	
8	XW10AZ	M10 FORM A WASHER	16	
9	LM2-600-09	14 MM FUEL HOSE 652 MM LONG	1	
10	YCLIP16	12-20 MM CLIP	4	
11	LM2-600-10	14 MM FUEL HOSE 1873 MM LONG	1	

+ Item not illustrated

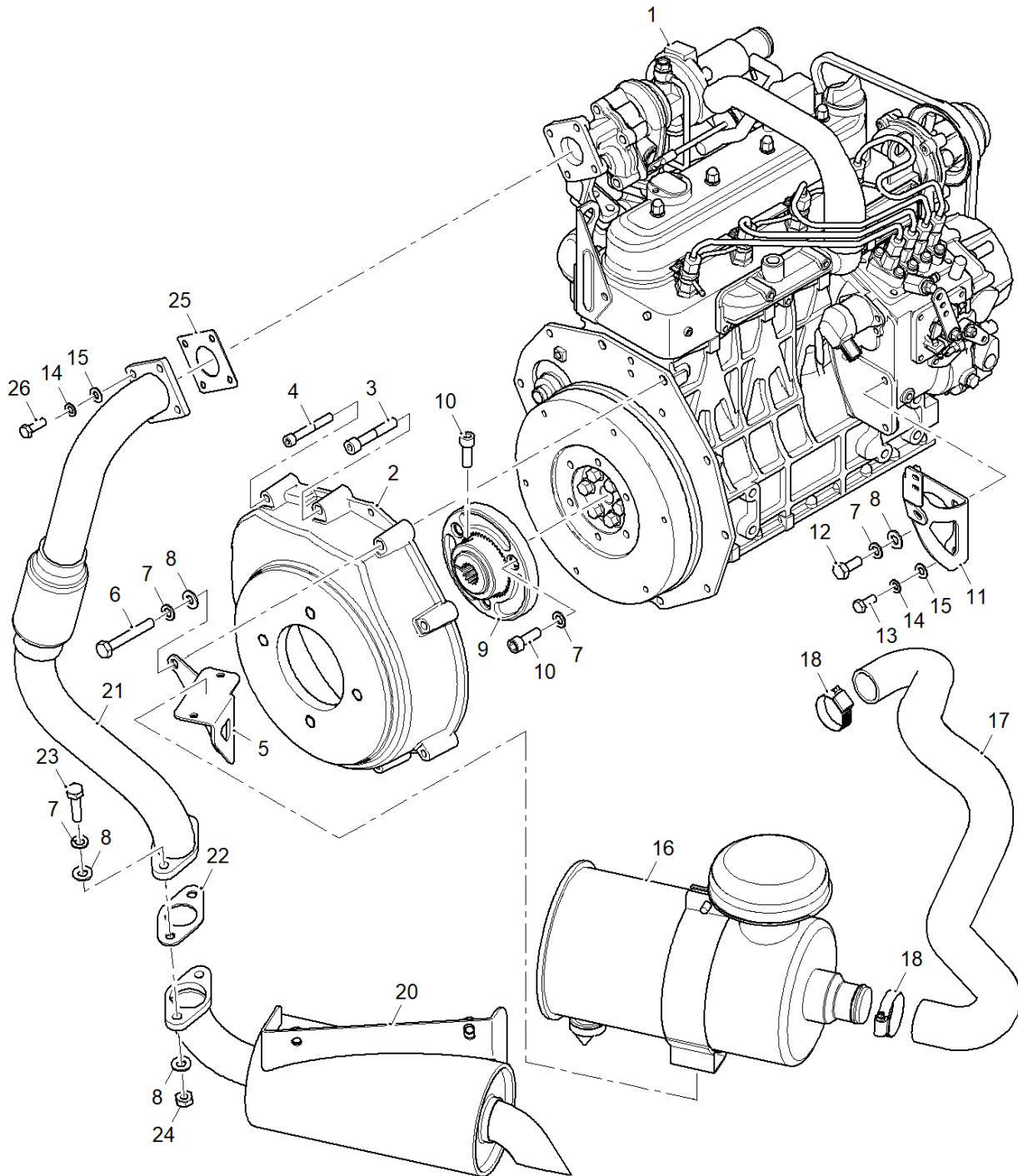


Fig 2-2 LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Sheet 2 of 6  
(Exhaust System, Flywheel Housing, Throttle Mount and Air Filter Assemblies)

**LM2-60-20 KUBOTA V1505-T-E4B, 4 CYLINDER DIESEL ENGINE – SHEET 2 OF 6  
(EXHAUST SYSTEM, FLYWHEEL HOUSING, THROTTLE MOUNT AND AIR FILTER ASSEMBLIES)**

Fig - Item	Part No	Description	Qty	Notes
2-2 1	LM2-604-00	KUBOTA V1505 T E3B ENGINE	1	
2	407038	HOUSING	1	
3	XSC10060Z	M10X60 CAP HEAD SCREW 8.8	1	
4	XSC08060Z	M8X60 CAP HEAD SCREW 8.8	8	
5	LM2-104-05	AIR FILTER MOUNT	1	
6	XS10070Z	M10X70 HEX HEAD SCREW 8.8	1	
7	XW10SZ	M10 SPRING WASHER	10	
8	XW10AZ	M10 FORM A WASHER	18	
9	YCOUPLING2-ADAPTOR RING	COUPLING ADAPTER RING	1	
10	XSC10030Z	M10X30 CAP HEAD SCREW 8.8	3	
11	LM2-104-03	THROTTLE CABLE MOUNT	1	
12	XS10025ZFINE	M10X25 HEX HEAD SCREW 8.8	1	
13	XS08020Z	M8X20 HEX HEAD SCREW 8.8	2	
14	XW08SZ	M8 SPRING WASHER	6	
15	XW08AZ	M8 FORM A WASHER	7	
16	16617-11002_M	AIR FILTER CANISTER (4 CYL.)	1	
17	LM2-103-61	INTAKE TRUNKING 1505T E3B	1	
18	YCLIP35	31-48 MM CLIP	1	
19	YCLIP35	31-48 MM CLIP	1	
20	LM2-605-39	EXHAUST SILENCER	1	
21	LM2-605-38	V1505T EXHAUST DOWNPIPE	1	
22	15313-12370	KUBOTA 2 BOLT EXHAUST GASKET	1	
23	XS10040Z	M10X40 HEX HEAD SCREW 8.8	2	
24	XN10Z	M10 PLAIN NUT	2	
25	15263-12370 4	EXHAUST GASKET	1	
26	XS08025Z	M8X25 HEX HEAD SCREW 8.8	4	

+ Item not illustrated

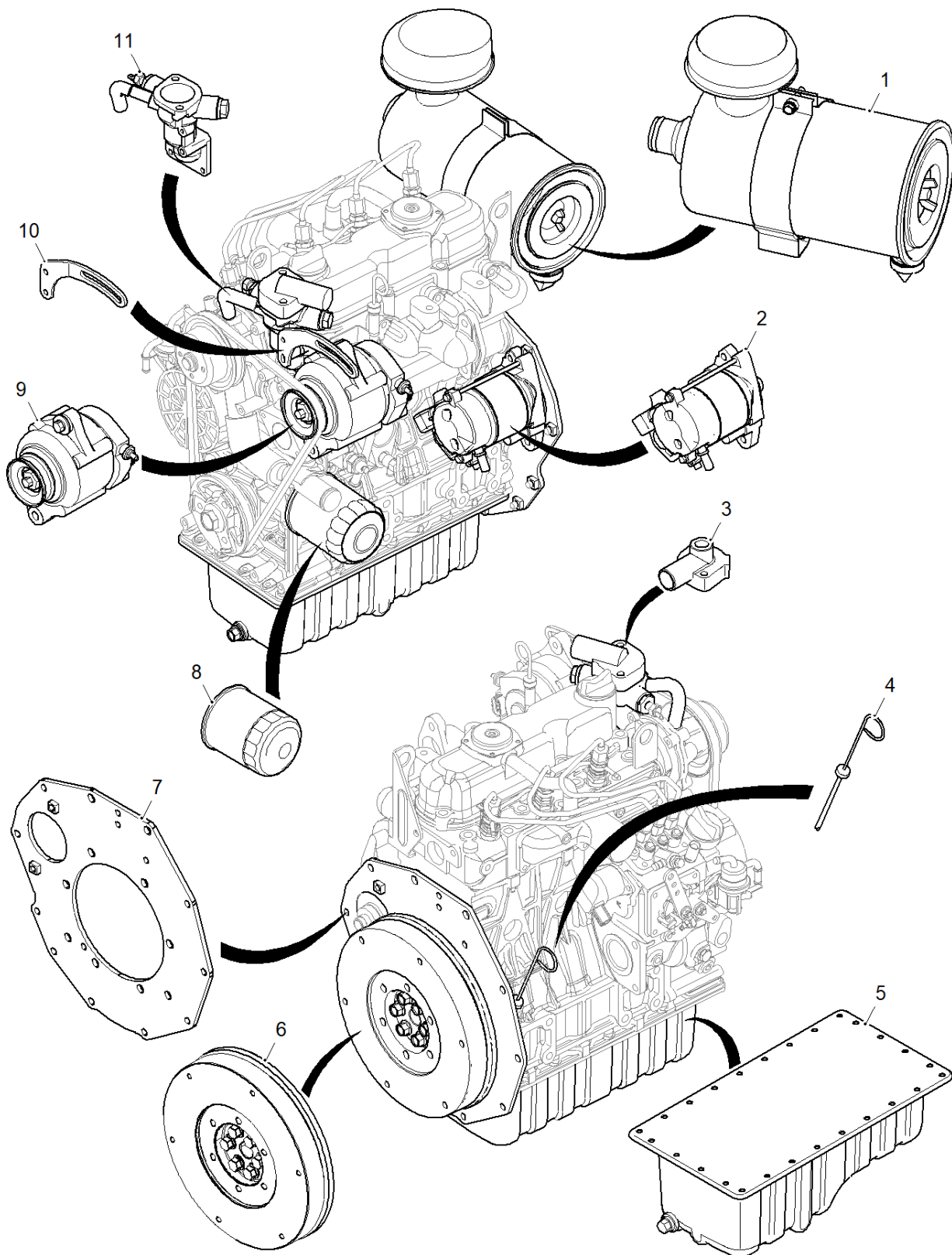


Fig 2-3 LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Sheet 3 of 6 (Components)

**LM2-60-20 KUBOTA V1505-T-E4B, 4 CYLINDER DIESEL ENGINE – SHEET 3 OF 6  
(COMPONENTS)**

Fig - Item	Part No	Description	Qty	Notes
2-3 1	16617-11002_M	AIR FILTER CANISTER (4 CYL.)	1	
2	16611-6301-0	STARTER MOTOR	1	
3	16212-73266	THERMOSTAT COVER	1	
4	17456-36422	DIP STICK	1	
5	OILP_1G90200000	OIL SUMP ASSEMBLY	1	
6	16614-2501-2	FLYWHEEL ASSEMBLY	1	
7	REAR_1G90200000	FLYWHEEL MOUNTING BRACKET	1	
8	16271-3209-2	OIL FILTER	1	
9	19630-64015	ALTERNATOR 60A	1	
10	16615-64422	ALTERNATOR STAY	1	
11	WFLG_1G90200000	WATER FLANGE AND THERMOSTAT	1	

+ Item not illustrated

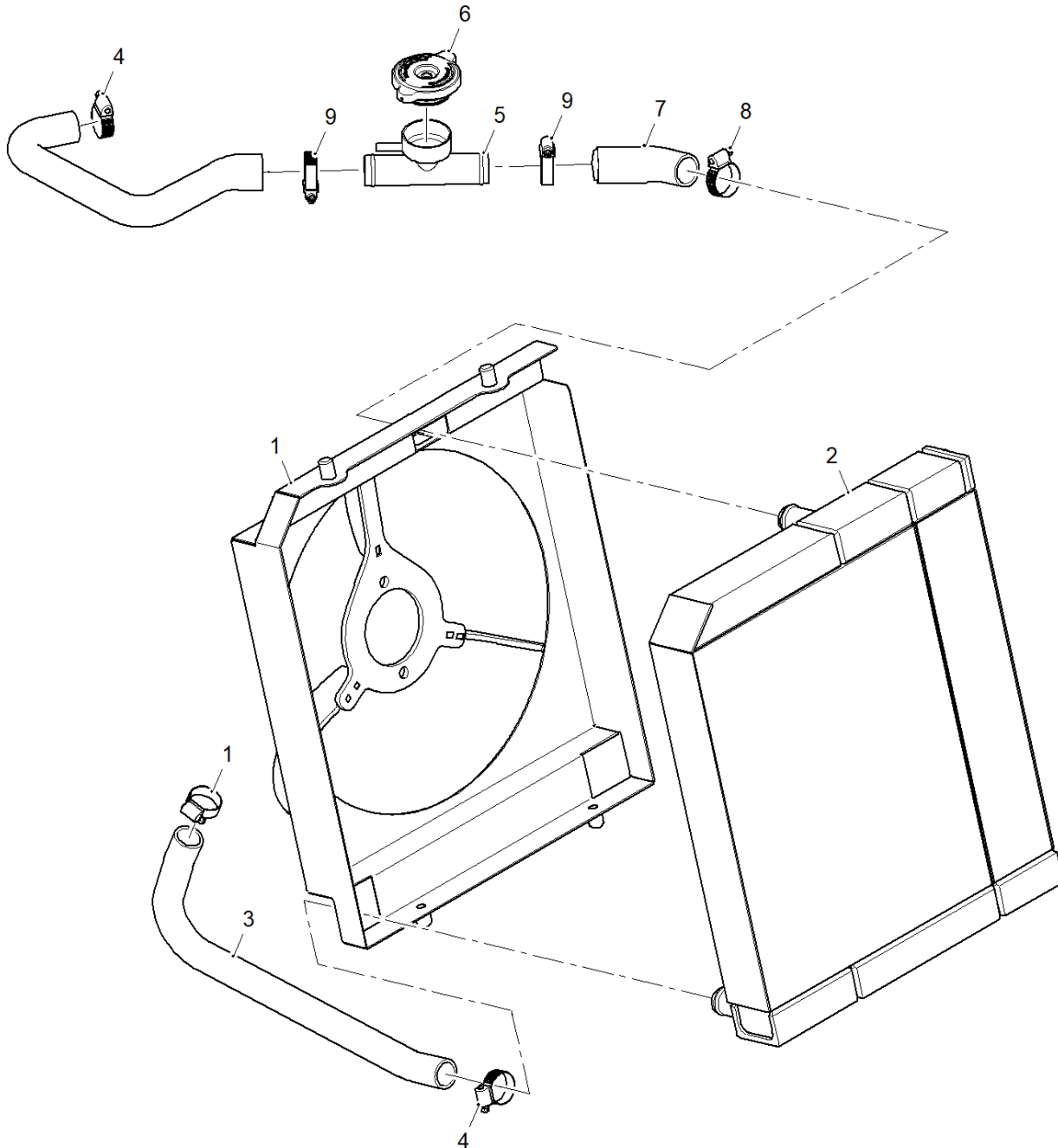


Fig 2-4 LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Sheet 4 of 6  
(Radiator Assembly)

**LM2-60-20 KUBOTA V1505-T-E4B, 4 CYLINDER DIESEL ENGINE – SHEET 4 OF 6  
(RADIATOR ASSEMBLY)**

Fig - Item	Part No	Description	Qty	Notes
2-4 1	LM2-103-57	4 CYL RADIATOR SHROUD	1	
2	LM2-607-00	COMBI RADIATOR	1	
3	LM2-103-51	BOTTOM HOSE - 1505T	1	
4	YCLIP35	31-48 MM CLIP	2	
5	YFILLER7	IN LINE FILLER	1	
6	YRADCAP1	RADIATOR CAP	1	
7	LM2-103-50	TOP HOSE - 1505T - SHORT	1	
8	YCLIP35	31-48 MM CLIP	1	
9	YCLIP35	31-48 MM CLIP	2	

+ Item not illustrated

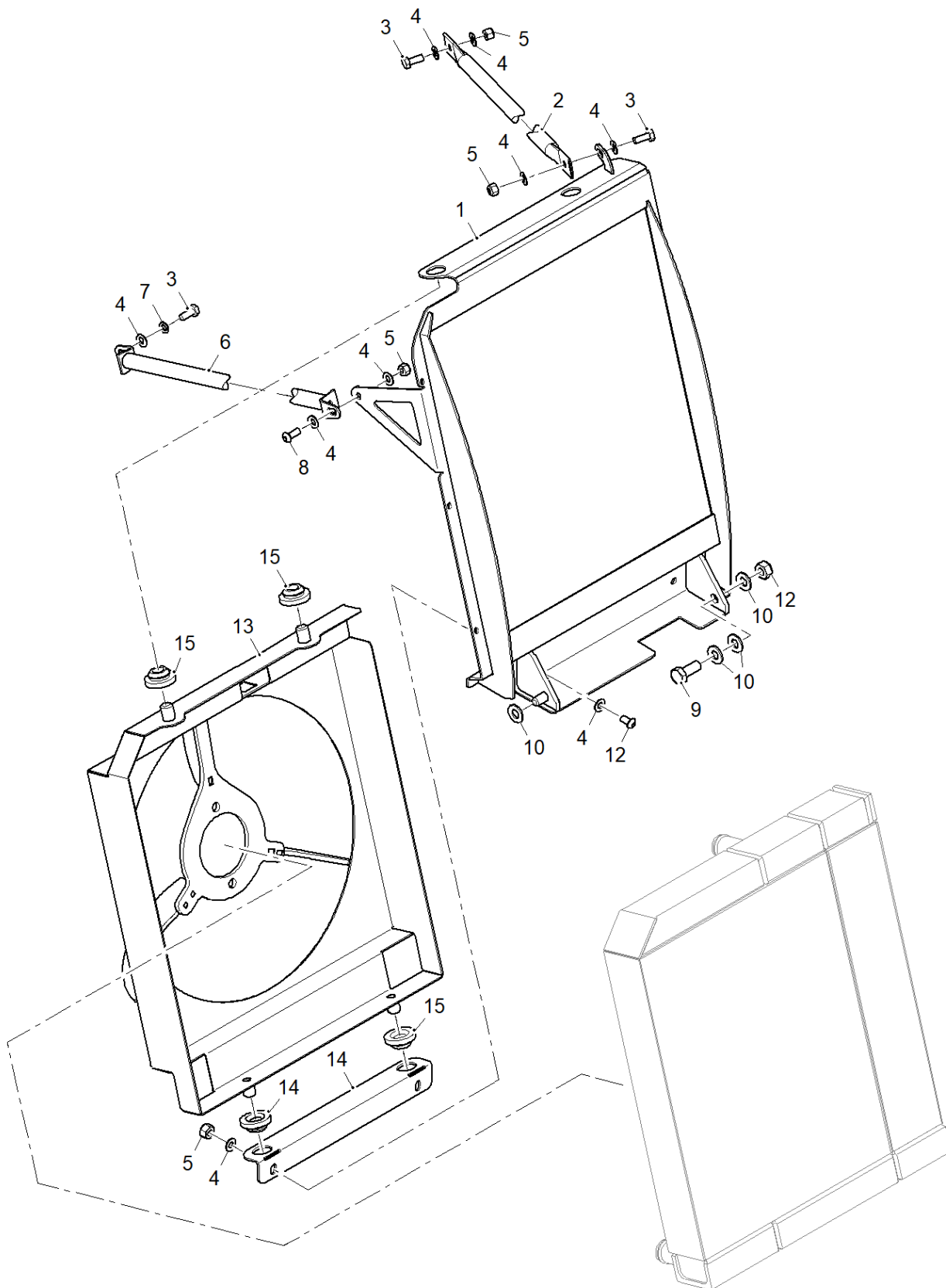


Fig 2-5 LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Sheet 5 of 6  
(Coolant System)



**LM2-60-20 KUBOTA V1505-T-E4B, 4 CYLINDER DIESEL ENGINE – SHEET 5 OF 6  
(COOLANT SYSTEM)**

Fig - Item	Part No	Description	Qty	Notes
2-5 1	LM2-103-39	RADIATOR SUPPORT FRAME	1	
2	LM2-100-98	TOP RADIATOR STRUT	1	
3	XS08020Z	M8X20 HEX HEAD SCREW 8.8	3	
4	XW08AZ	M8 FORM A WASHER	11	
5	XN08N	M8 NYLOC NUT	3	
6	LM2-103-10	RH RADIATOR STRUT	1	
7	XW08SZ	M8 SPRING WASHER	1	
8	XBUT08020SKTZB	M8X20 BUTTON HEAD SCREW 8.8	1	
9	XS12030Z	M12X30 HEX HEAD SCREW 8.8	1	
10	XW12AZ	M12 FORM A WASHER	4	
11	XN12N	M12 NYLOC NUT	1	
12	XBUT08016SKTZB	M8X16 BUTTON HEAD SCREW 8.8	2	
13	LM2-103-57	4 CYL RADIATOR SHROUD	1	
14	LM2-103-38	RADIATOR SUPPORT BRACKET	1	
15	34070-16031	RADIATOR CUSHION	4	

+ Item not illustrated

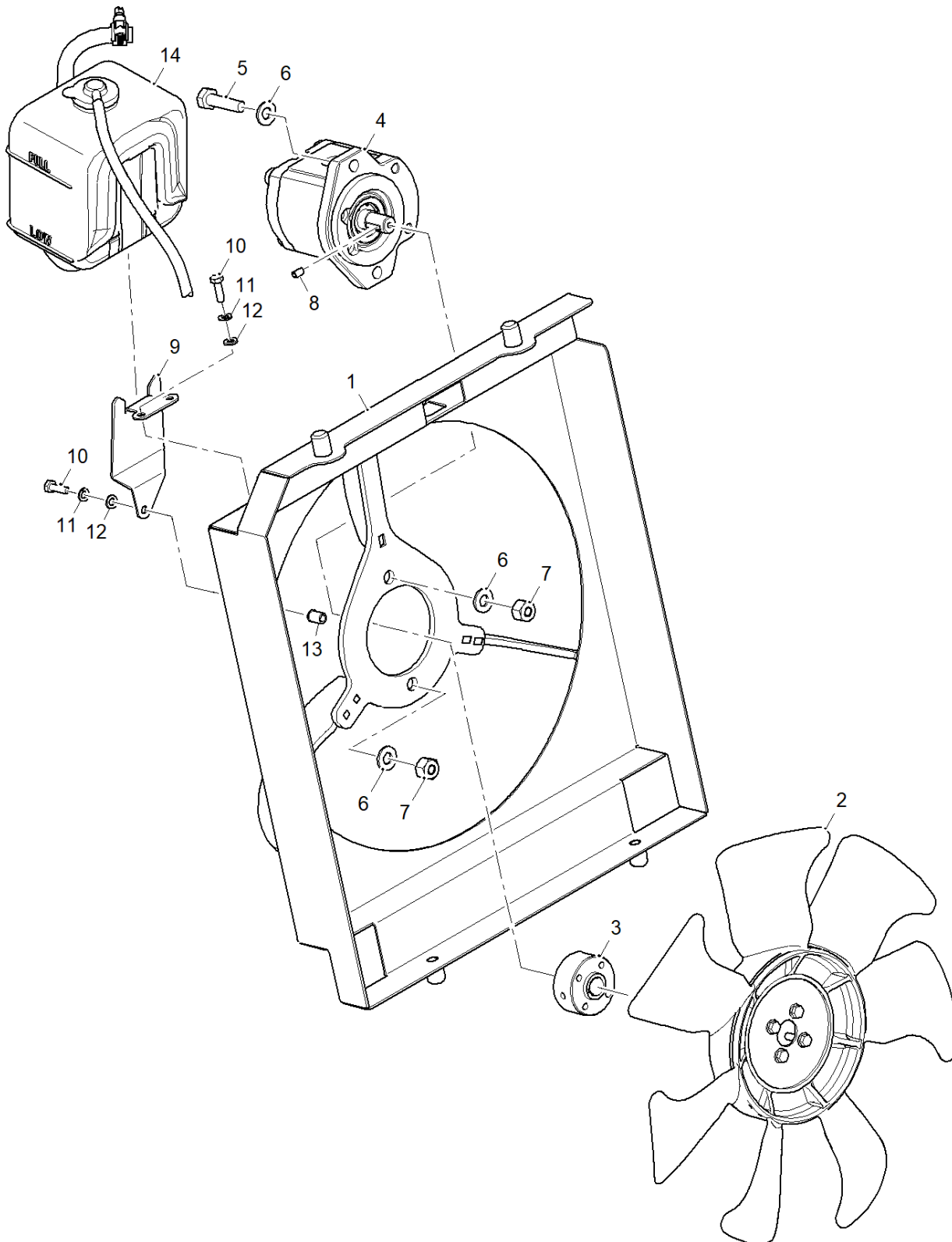


Fig 2-6 LM2-60-20 Kubota V1505-T-E4B, 4 Cylinder Diesel Engine – Sheet 6 of 6  
(Fan & Coolant Assemblies)

**LM2-60-20 KUBOTA V1505-T-E4B, 4 CYLINDER DIESEL ENGINE – SHEET 6 OF 6  
(FAN & COOLANT ASSEMBLIES)**

Fig - Item	Part No	Description	Qty	Notes
2-6 1	LM2-103-57	4 CYL RADIATOR SHROUD	1	
2	16285-7411-0 FAN	RADIATOR FAN	1	
3	LM2-103-47	COOLING FAN BOSS	1	
4	YMOTOR11	14 CC GEAR MOTOR	1	
5	XS10040Z	M10X40 HEX HEAD SCREW 8.8	2	
6	XW10AZ	M10 FORM A WASHER	4	
7	XN10N	M10 NYLOC NUT	2	
8	XG06010Z	M6X10 GRUB SCREW	1	
9	LM2-103-43	HEADER TANK BRACKET	1	
10	XS06020Z	M6X20 HEX HEAD SCREW 8.8	3	
11	XW06SZ	M6 FORM A SPRING WASHER	3	
12	XW06AZ	M6 FORM A WASHER	3	
13	XNS06	M6 ROUND OPEN NUTSERT	1	
14	19077-2092_RT02	HEADER TANK	1	

+ Item not illustrated

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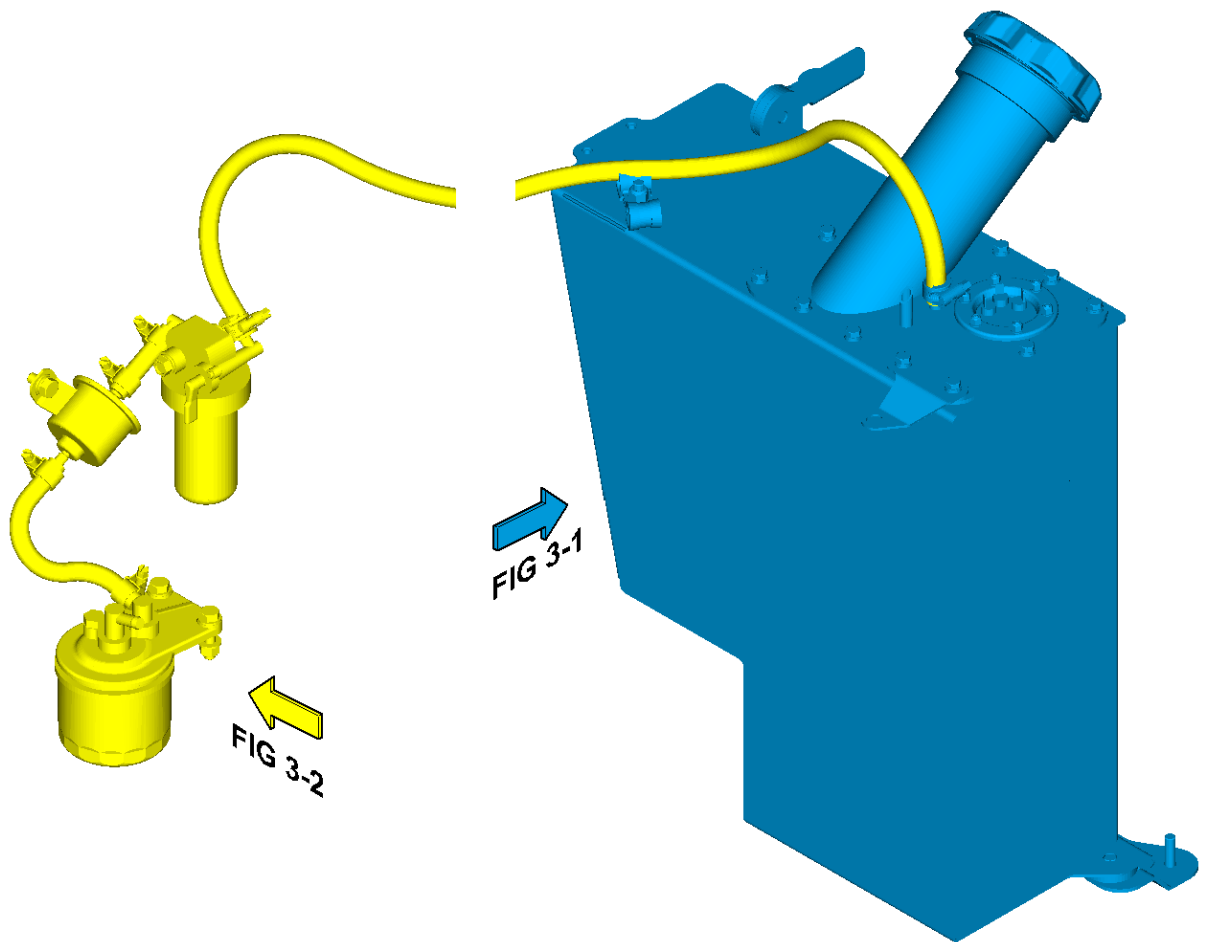


Fig 3 LM2-62-00 Fuel System - Breakdown

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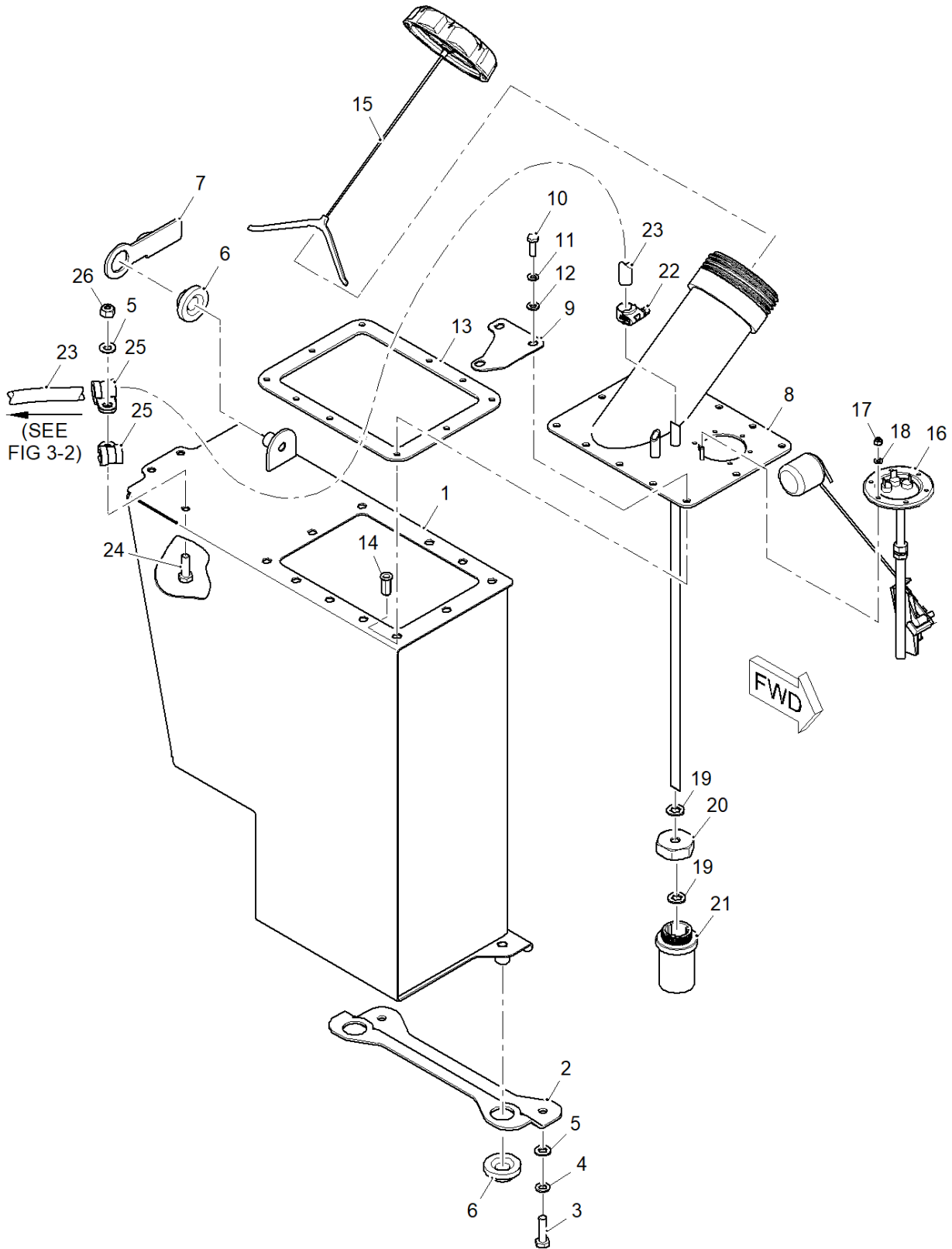


Fig 3-1 LM2-62-00 Fuel System – Sheet 1 of 2

**LM2-62-00 FUEL SYSTEM – SHEET 1 OF 2**

Fig - Item	Part No	Description	Qty	Notes
3-1 1	LM2-602-00	FUEL TANK	1	
2	LM2-602-13	DIESEL TANK SUPPORT	1	
3	XS08030Z	M8X30 HEX HEAD SCREW 8.8	1	
4	XW08SZ	M8 SPRING WASHER	4	
5	XW08AZ	M8 FORM A WASHER	10	
6	34070-16031	RADIATOR CUSHION	3	
7	LM2-101-25	FUEL TANK UPPER MOUNT	1	
8	LM2-603-00	FUEL FILLER BULKHEAD	1	
9	LM2-600-02	TANK BRACE	1	
10	XS06020Z	M6X20 HEX HEAD SCREW 8.8	11	
11	XW06SZ	M6 SPRING WASHER	11	
12	XW06AZ	M6 FORM A WASHER	11	
13	LM2-101-38	DIESEL TANK GASKET	1	
14	XN06HC	M6X12 HEX NUTSERT CLOSED	11	
15	YFILLER5	NON-LOCKING FUEL CAP	1	
16	YSENDER1	DIESEL SENDER UNIT	1	
17	XN04N	M4 NYLOC NUT	6	
18	XW04AZ	M4 FORM A WASHER	6	
19	XW10STAR	M10 STAR WASHER	2	
20	YSTRAINERCAP1	DIESEL STRAINER CAP	1	
21	YSTRAINER1	DIESEL STRAINER	6	
22	YCLIP16	12-20MM CLIP	6	
23	LM2-600-04	14 MM FUEL HOSE 1407 MM LONG	1	
24	XS08020Z	M8X20 HEX HEAD SCREW 8.8	2	
25	YPCLIP13	13 MM P CLIP	4	
26	XN08N	M8 NYLOC NUT	2	

+ Item not illustrated

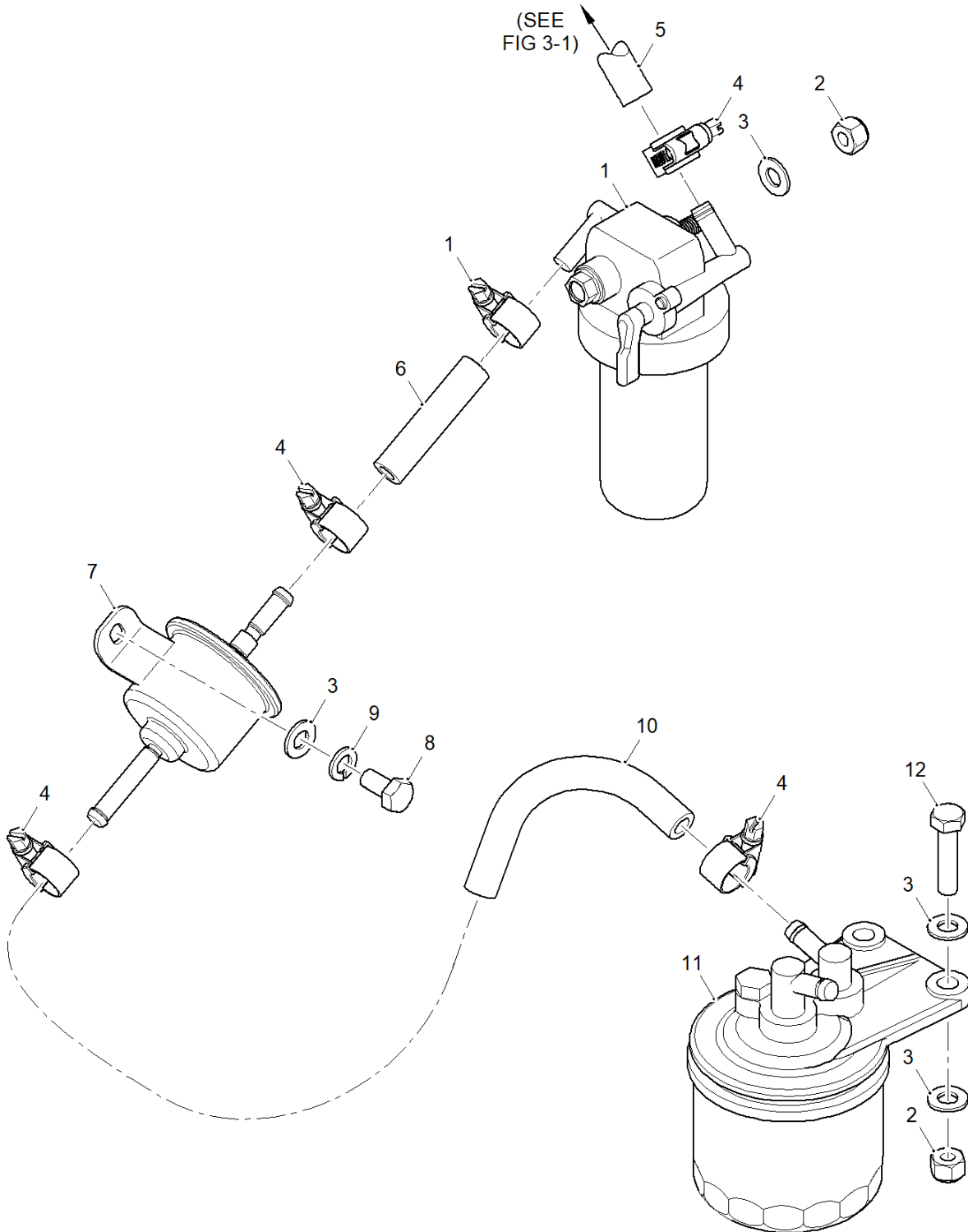


Fig 3-2 LM2-62-00 Fuel System – Sheet 2 of 2



**LM2-62-00 FUEL SYSTEM – SHEET 2 OF 2**

Fig - Item	Part No	Description	Qty	Notes
3-2 1	16614-43003	SEDIMENTER	1	
2	XN08N	M8 NYLOC NUT	4	
3	XW08AZ	M8 FORM A WASHER	6	
4	YCLIP16	12-20 MM CLIP	5	
5	LM2-600-04	14 MM FUEL HOSE 1407 MM LONG	1	
6	LM2-600-05	14 MM FUEL HOSE 60 MM LONG	1	
7	1720852031 F PUMP	ELECTRIC FUEL PUMP	1	
8	XS08016Z	M8X16 HEX HEAD SCREW 8.8	2	
9	XW08SZ	M8 SPRING WASHER	1	
10	LM2-600-06	14 MM FUEL HOSE 167 MM LONG	1	
11	15224-43013	FUEL FILTER	1	
12	XS08035Z	M8X35 HEX HEAD SCREW 8.8	2	

+ Item not illustrated

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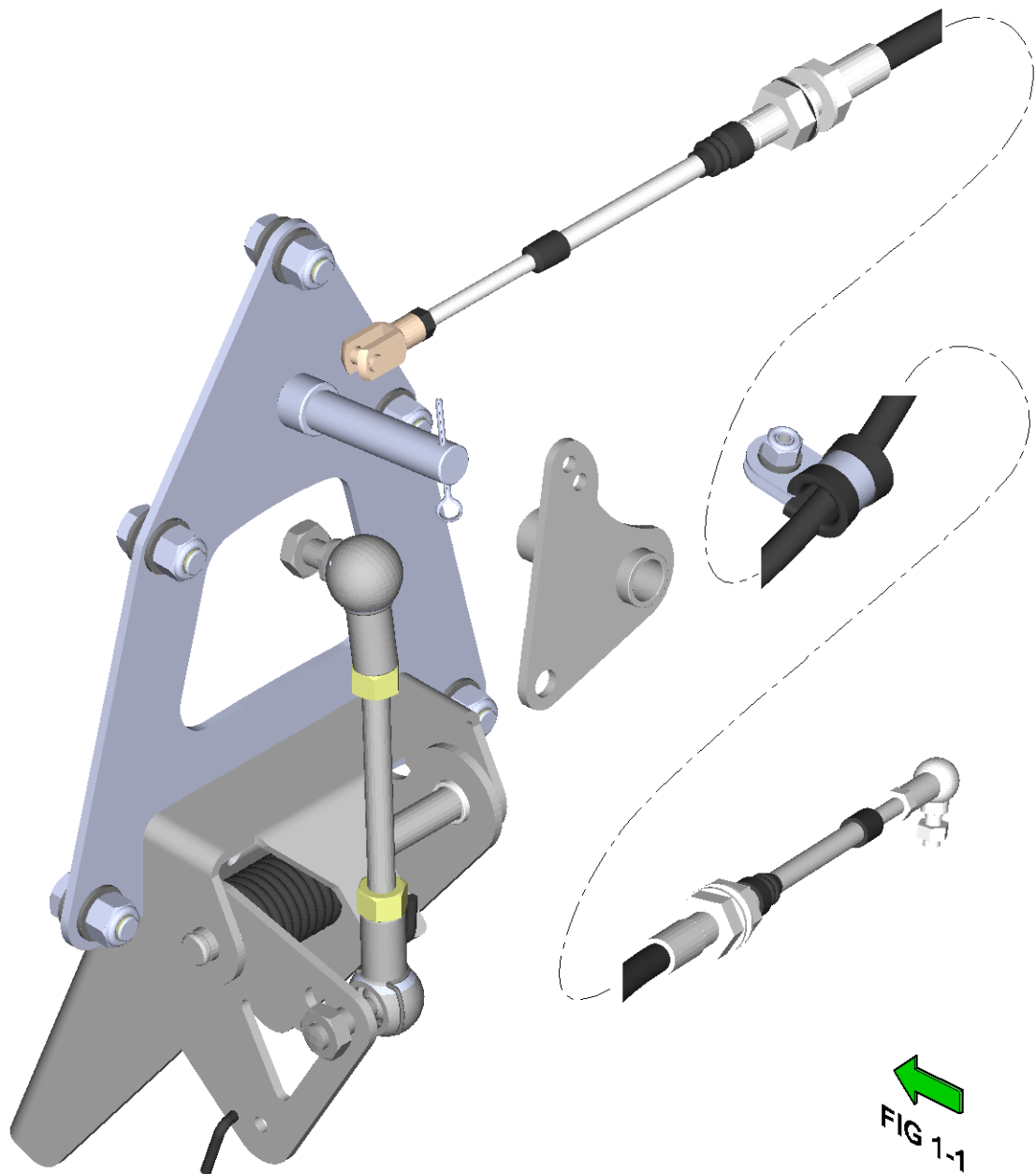


Fig 4 LM2-500-80 Engine Throttle System - Breakdown

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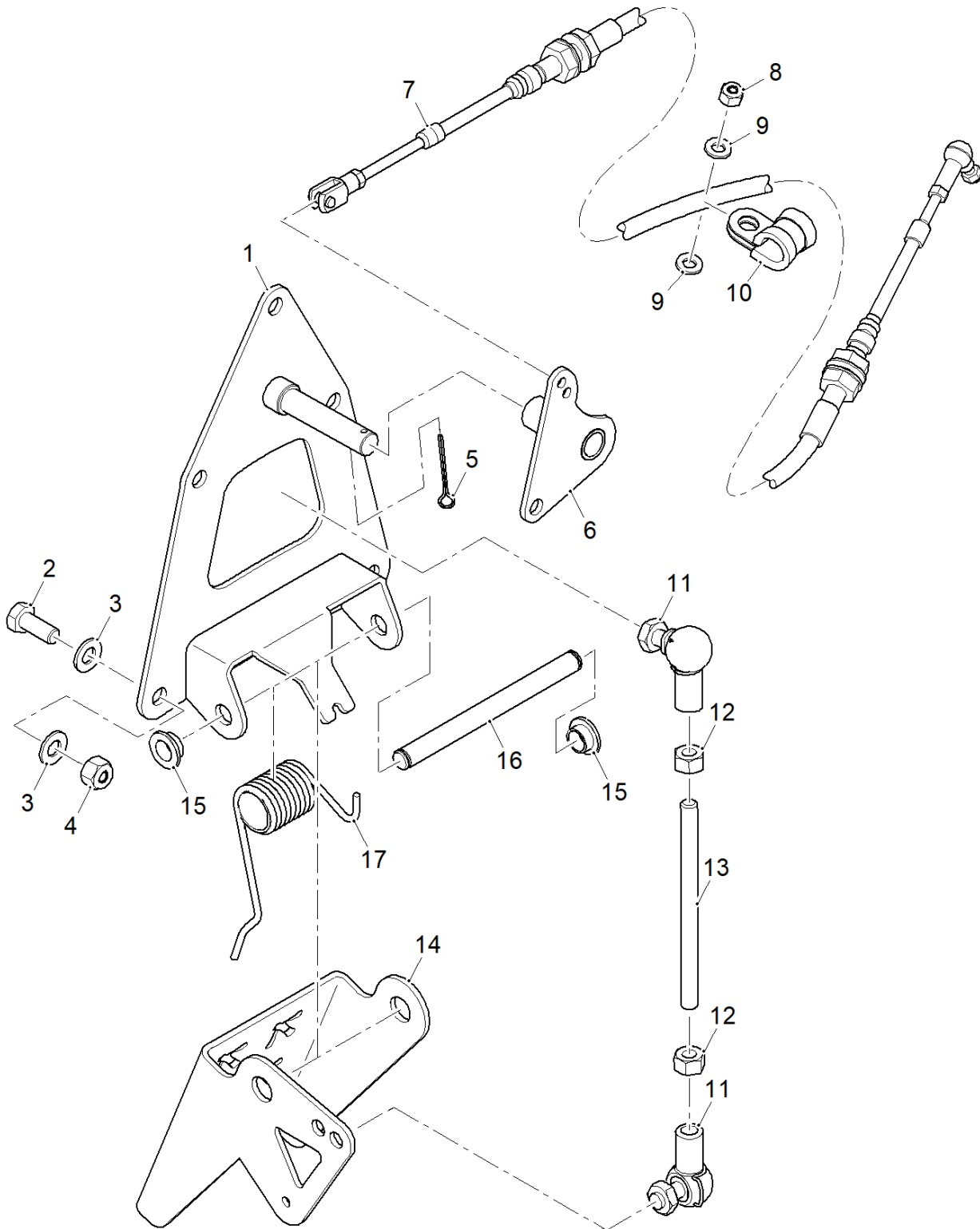


Fig 4-1 LM2-500-80 Engine Throttle System

**LM2-500-80 ENGINE THROTTLE SYSTEM**

Fig - Item	Part No	Description	Qty	Notes
4-1 1	LM2-500-46	THROTTLE RELAY PLATE	1	
2	XS08020Z	M8X20 HEX SCREW 8.8	5	
3	XW08AZ	M8 FORM A WASHER	10	
4	XN08N	M8 NYLOC NUT	5	
5	XSP02032Z	SPLIT PIN	1	
6	LM2-500-50	THROTTLE REPLAY	1	
7	LM2-600-01	THROTTLE CABLE	1	
8	XN06N	M6 NYLOC NUT	1	
9	XW06AZ	M6 FORM A WASHER	2	
10	YPCLIP13	13 MM P CLIP	1	
11	YBALLJOINT2	M8 BALL JOINT	2	
12	XN08Z	M8 PLAIN NUT	2	
13	LM2-500-61	THROTTLE LINKAGE	1	
14	LM2-500-02	ACCELERATOR PEDAL	1	
15	YBUSH15	NYLON BUSH	2	
16	LM2-500-03	PEDAL SHAFT	1	
17	3J0167	ACCELERATOR SPRING	1	

+ Item not illustrated

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## CHAPTER 5

# LM2-61-00 HYDRAULIC OIL TANK ASSEMBLY

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## CHAPTER 5

## LM2-61-00 HYDRAULIC OIL TANK ASSEMBLY

## CONTENTS

Fig		Page
1	LM2-61-00 Hydraulic Oil Tank Standard - Breakdown .....	3
1-1	LM2-61-00 Hydraulic Oil Tank Standard .....	4
1-2	LM2-61-00 Hydraulic Oil Tank, Multi-Port Inlet Manifold – Option .....	6

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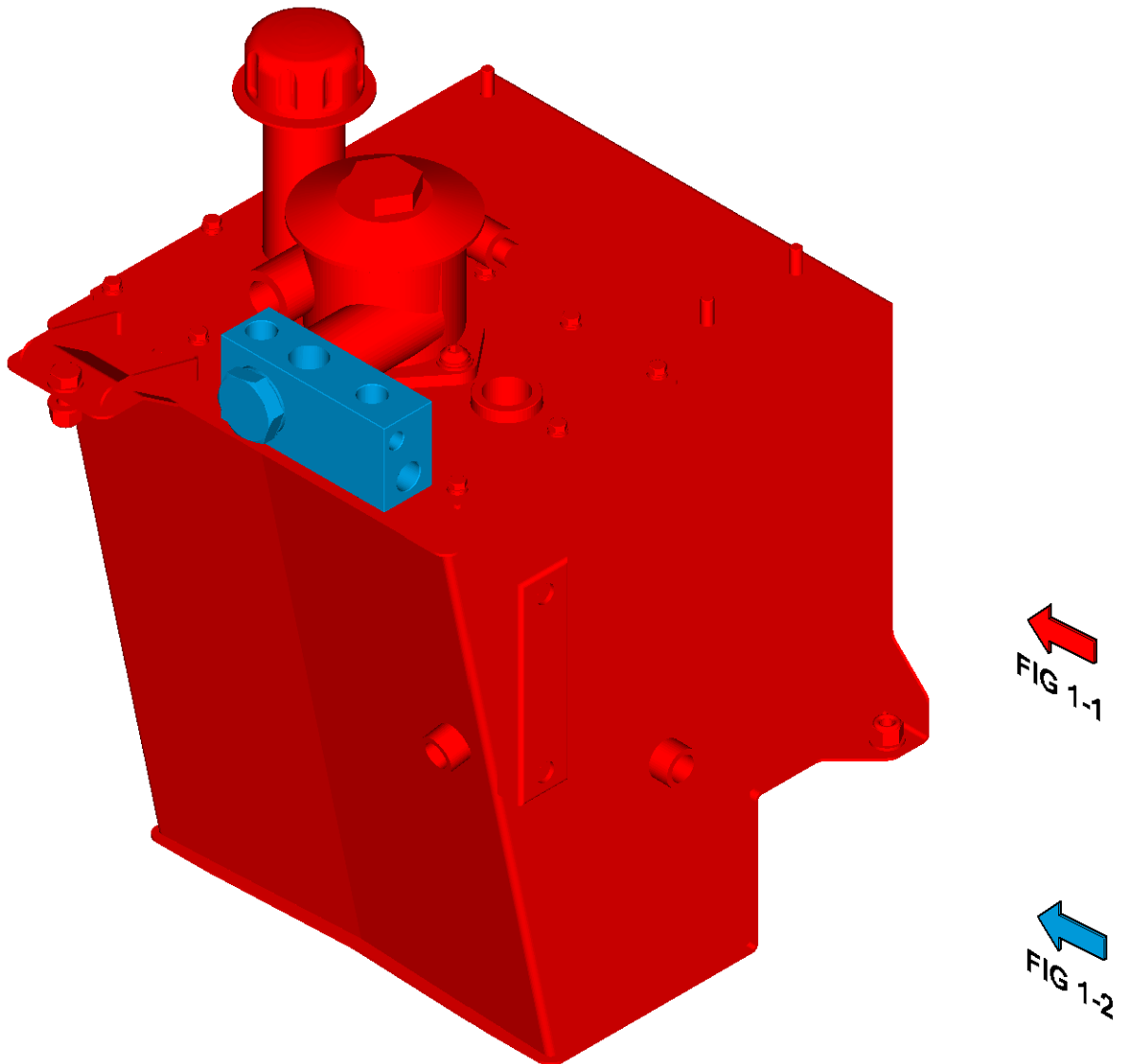


Fig 1 LM2-61-00 Hydraulic Oil Tank Standard - Breakdown

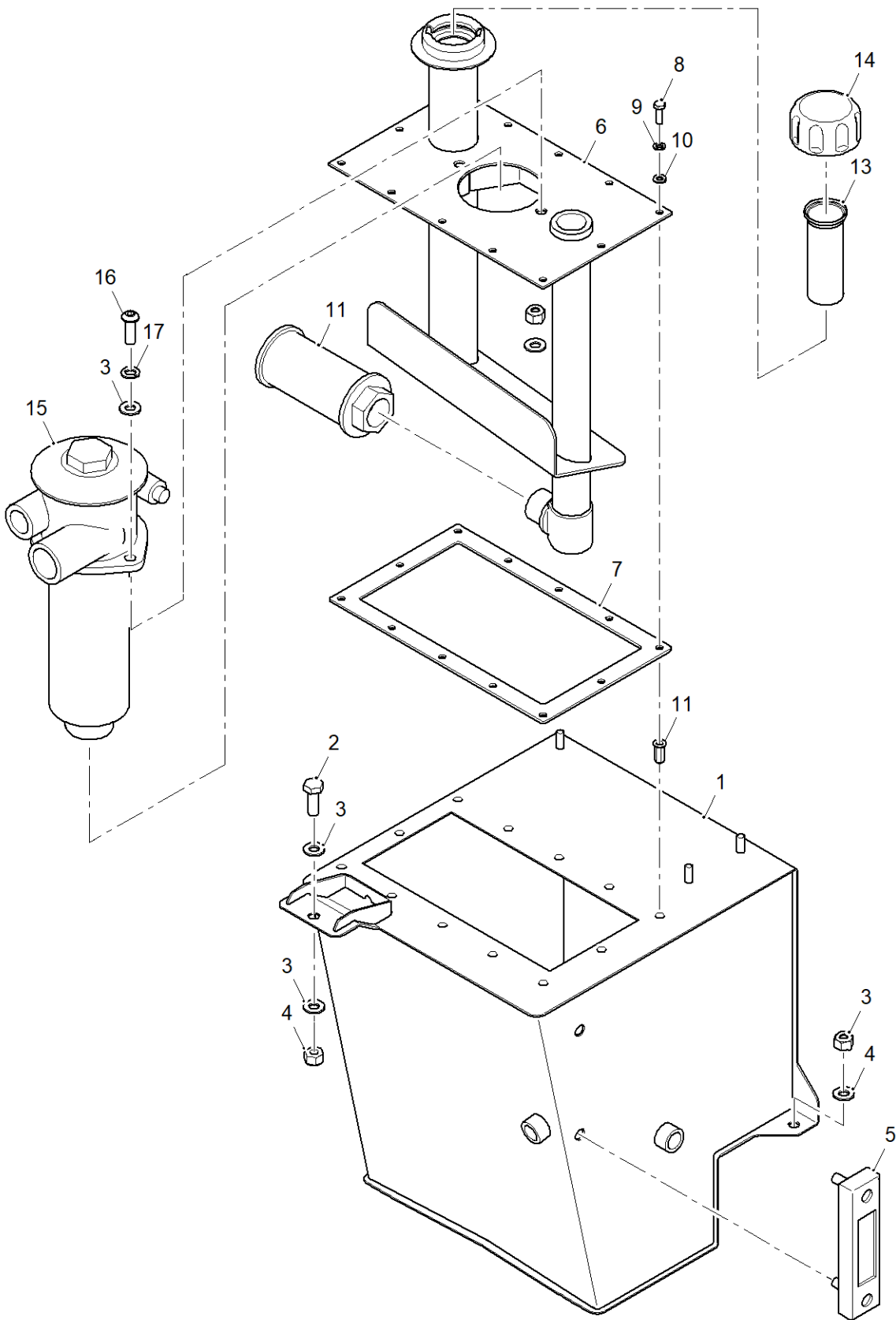


Fig 1-1 LM2-61-00 Hydraulic Oil Tank Standard

**LM2-61-00 HYDRAULIC OIL TANK STANDARD**

Fig - Item	Part No	Description	Qty	Notes
1-1 1	LM2-601-00	HYDRAULIC OIL TANK	1	
2	XS10030Z	M10X30 HEX HEAD SCREW 8.8	1	
3	XW10AZ	M10 FORM A WASHER	6	
4	XN10N	M10 NYLOC NUT	3	
5	YLEVGAUGE1	OIL LEVEL GAUGE	1	
6	LM2-601-20	HYDRAULIC TANK BULKHEAD	1	
7	LM2-601-12	GASKET - HYDRAULIC OIL TANK	1	
8	XS06020Z	M6X20 HEX HEAD SCREW 8.8	12	
9	XW06SZ	M6 SPRING WASHER	12	
10	XW06AZ	M6 FORM A WASHER	12	
11	XNC6HC	M6X10 CLOSED HEX NUTSERT	12	
12	YFILTER8	HYDRAULIC OIL SUCTION STRAINER	1	
13	YFILLER1_FILTER	HYDRAULIC OIL TANK FILLER FILTER	1	
14	YFILLER1_CAP	HYDRAULIC OIL TANK CAP	1	
15	YFILTER1	HYDRAULIC COMBINATION FILTER	1	
16	XBUT10030SKTZB	M10X30 BUTTON HEAD SCREW 8.8	2	
17	XW10SZ	M10 SPRING WASHER	2	

+ Item not illustrated

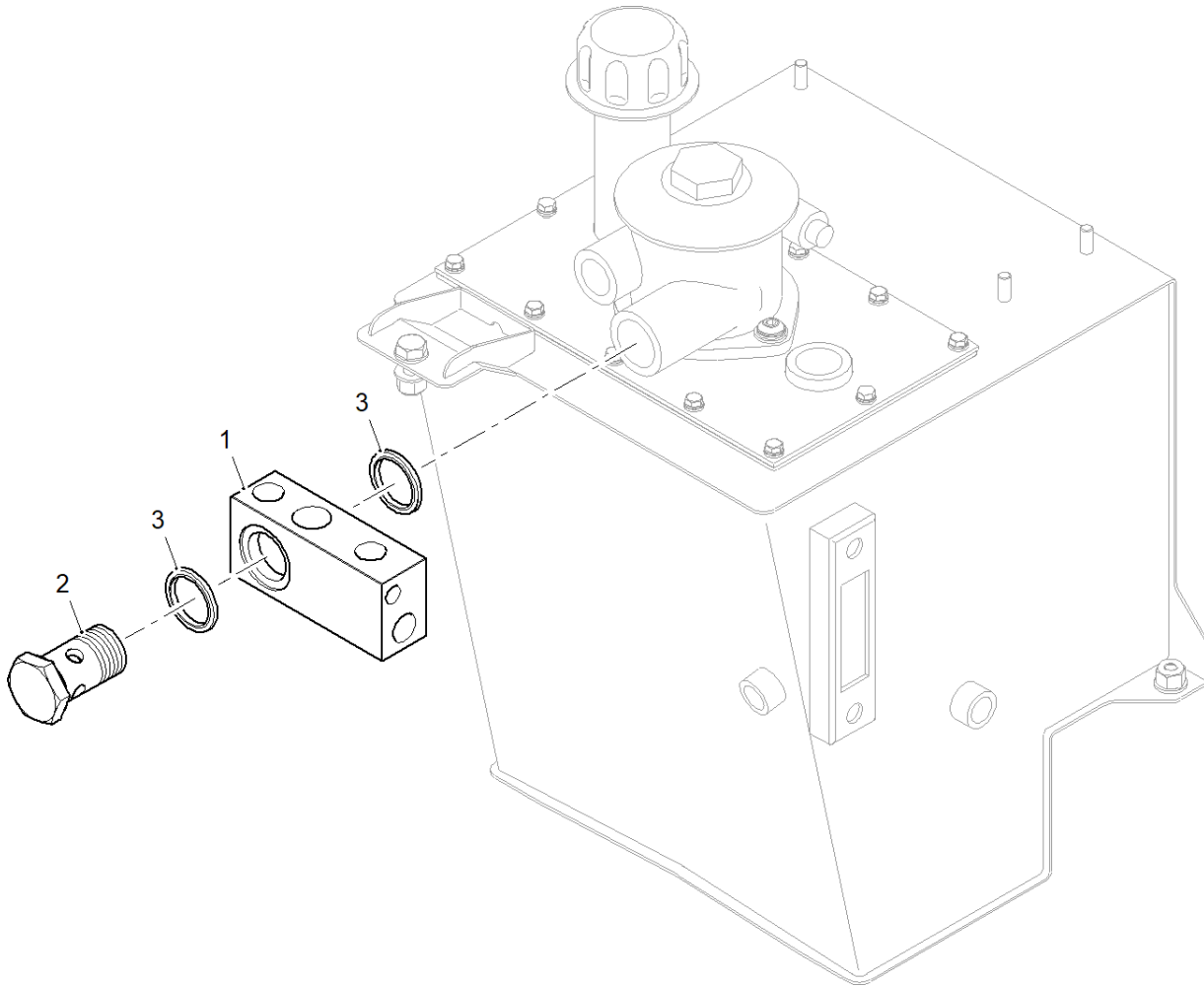


Fig 1-2 LM2-61-00 Hydraulic Oil Tank, Multi-Port Inlet Manifold – Option

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**LM2-61-00 HYDRAULIC OIL TANK, MULTI-PORT INLET MANIFOLD – OPTION**

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

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## CHAPTER 6

# LM2-63-00 DRIVE CONTROL SYSTEM

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## CHAPTER 6

## LM2-63-00 DRIVE CONTROL SYSTEM

## CONTENTS

Fig		Page
1	LM2-63-00 Drive Control System, 3 Cylinder Steer Drive – Breakdown .....	3
1-1	LM2-63-00 Drive Control System, 3 Cylinder Standard Steer Drive – Sheet 1 of 2	4
1-2	LM2-63-00 Drive Control System, 3 Cylinder Standard Steer Drive – Sheet 2 of 2	6
2	LM2-63-00 Drive Control System, 3 Cylinder Steer Multi-Directional Drive – Breakdown .....	9
2-1	LM2-63-00 Drive Control System, 3 Cylinder Multi-Directional Steer Drive – Sheet 1 of 2 .....	10
2-2	LM2-63-00 Drive Control System, 3 Cylinder Multi-Directional Steer Drive – Sheet 2 of 2 .....	12
3-1	LM2-63-00 Drive Control System, 4 Cylinder Standard Steer Drive – Sheet 1 of 2	16
3-2	LM2-63-00 Drive Control System, 4 Cylinder Standard Steer Drive – Sheet 2 of 2	18
4	LM2-63-00 Drive Control System, 4 Cylinder Multi-Directional Steer Drive – Breakdown .....	21
4-1	LM2-63-00 Drive Control System, 4 Cylinder Multi-Directional Steer Drive – Sheet 1 of 2 .....	22
4-2	LM2-63-00 Drive Control System, 4 Cylinder Multi-Directional Steer Drive – Sheet 1 of 2 .....	24

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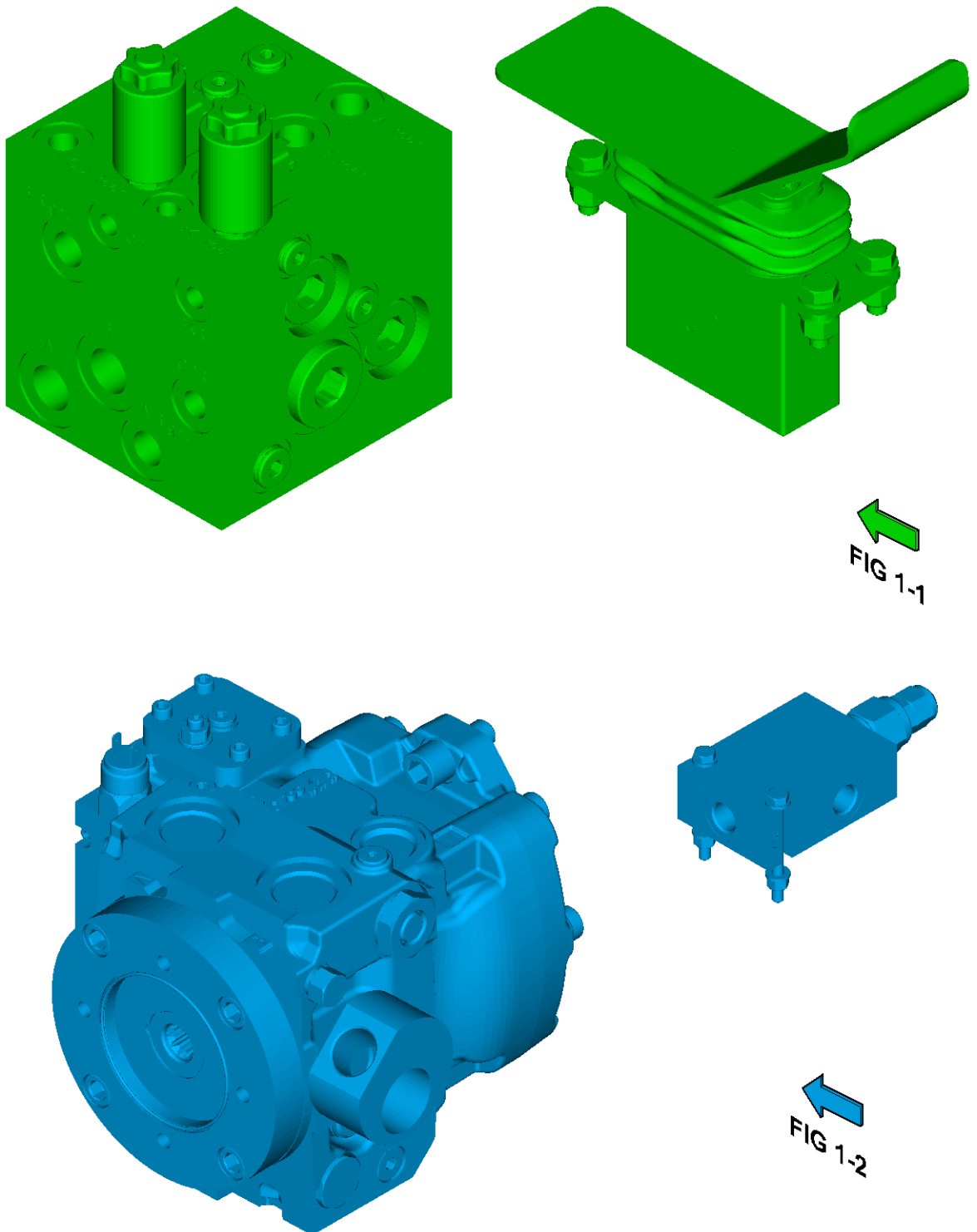


Fig 1 LM2-63-00 Drive Control System, 3 Cylinder Steer Drive - Breakdown

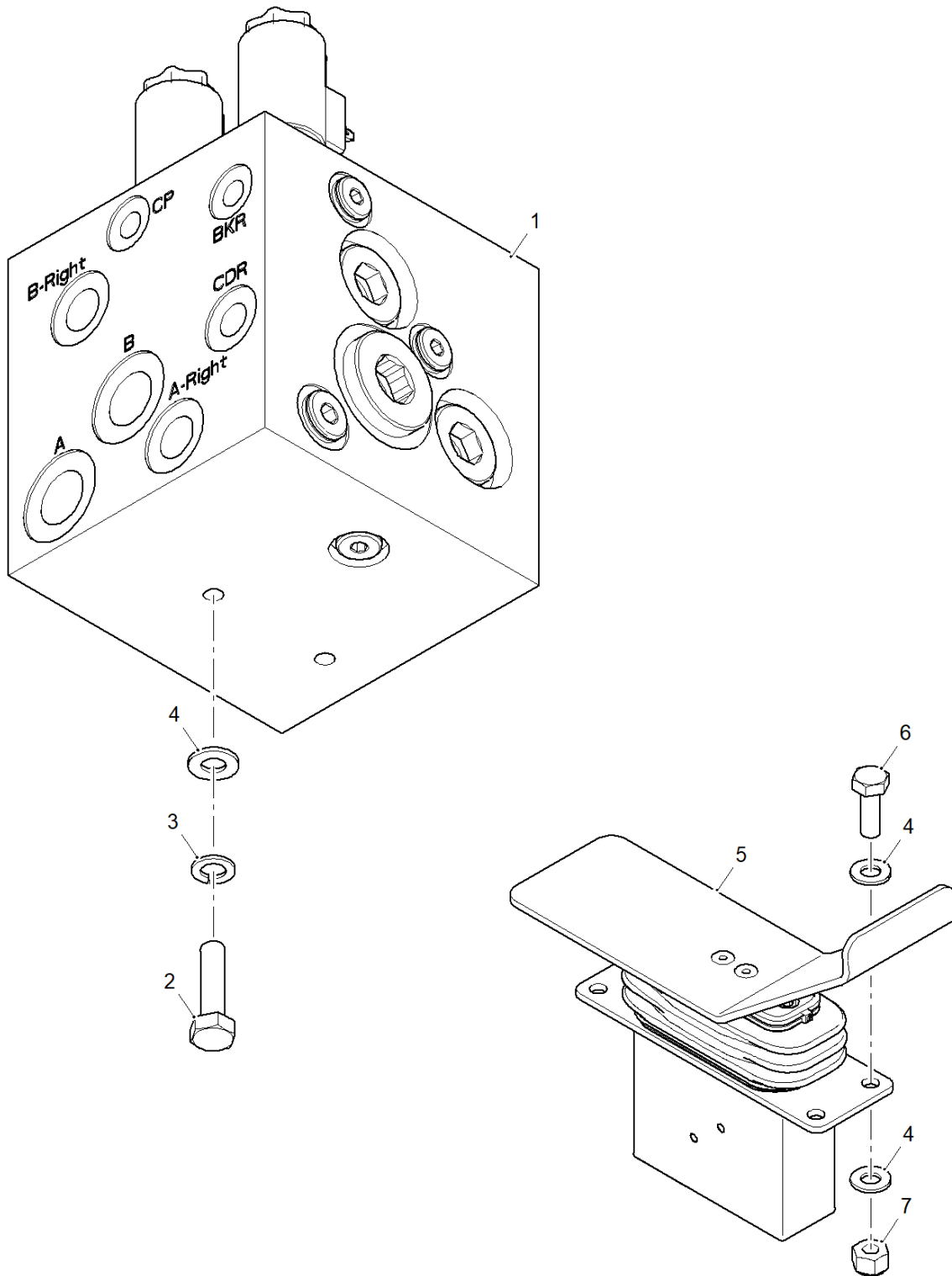


Fig 1-1 LM2-63-00 Drive Control System, 3 Cylinder Standard Steer Drive – Sheet 1 of 2

## LM2-63-00 DRIVE CONTROL SYSTEM, 3 CYLINDER STANDARD STEER DRIVE – SHEET 1 OF 2

Fig - Item	Part No	Description	Qty	Notes
1-1 1	YBLOCK2	HYDRAULIC DIFFERENTIAL LOCK MANIFOLD STANDARD	1	
2	XS10040Z	M10X40 HEX HEAD SCREW 8.8	2	
3	XW10SZ	M10 SPRING WASHER	2	
4	XW10AZ	M10 FORM A WASHER	10	
5	YPEDAL1	FORWARD/REVERSE PEDAL	1	
6	XS10030Z	M10X30 HEX HEAD SCREW 8.8	4	
7	XN10N	M10 NYLOC NUT	4	

+ Item not illustrated

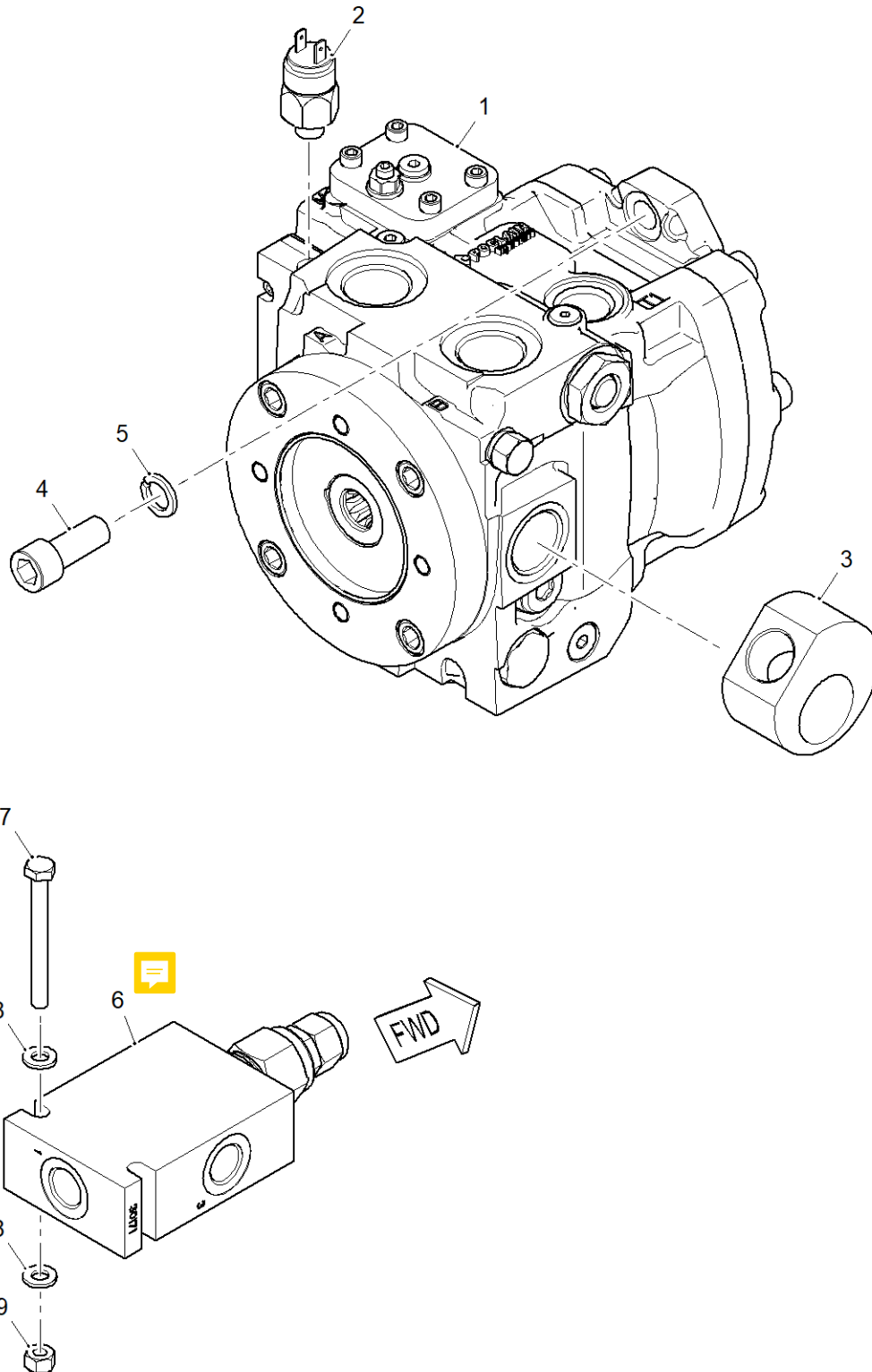


Fig 1-2 LM2-63-00 Drive Control System, 3 Cylinder Standard Steer Drive - Sheet 2 of 2



**LM2-63-00 DRIVE CONTROL SYSTEM, 3 CYLINDER STANDARD STEER DRIVE - SHEET 2 OF 2**

Fig - Item	Part No	Description	Qty	Notes
1-2 1	YPUMP8	34.2 CC/REV HYDROSTATIC TRANSMISSION PUMP WITH ANTI-STALL	1	
2	YSWITCH54	HYDRAULIC PRESSURE SWITCH	1	
3	LM2-101-49	1" BANJO HOUSING	1	
4	XSC14035Z	M14X35 CAP HEAD SCREW 8.8	2	
5	XW14SZ	M14 SPRING WASHER	2	
6	YVALVE16	CONTROL VALVE	1	
7	XS06060Z	M6X60 HEX HEAD SCREW 8.8	2	
8	XW06AZ	M6 FORM A WASHER	4	
9	XN06N	M6 NYLOC NUT	2	

+ Item not illustrated

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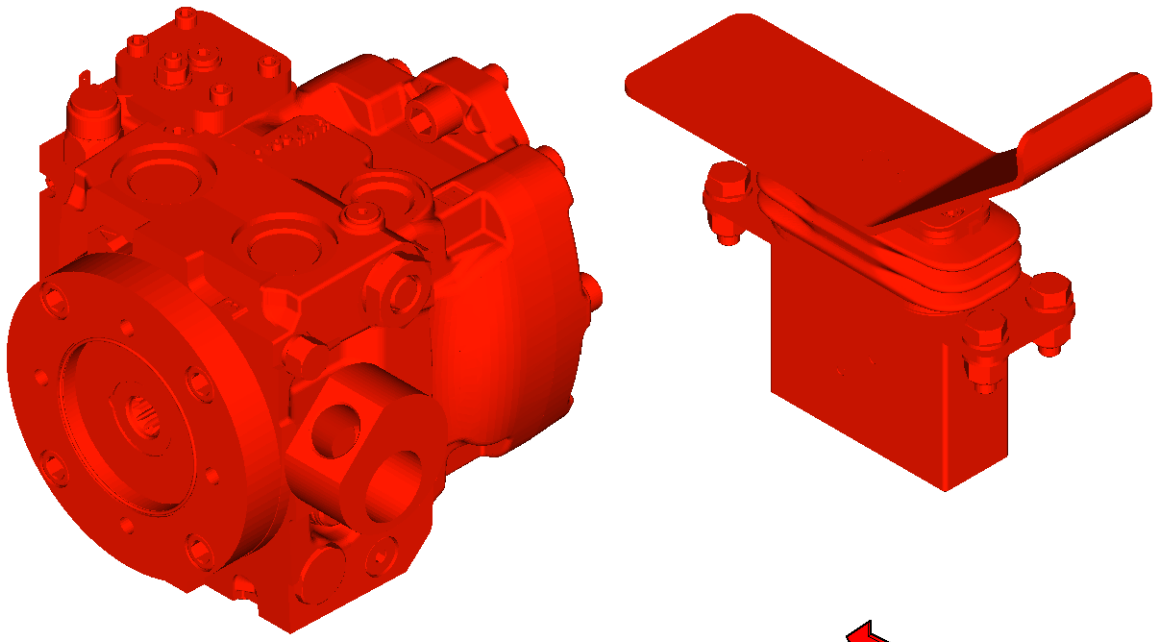


  
FIG 2-1

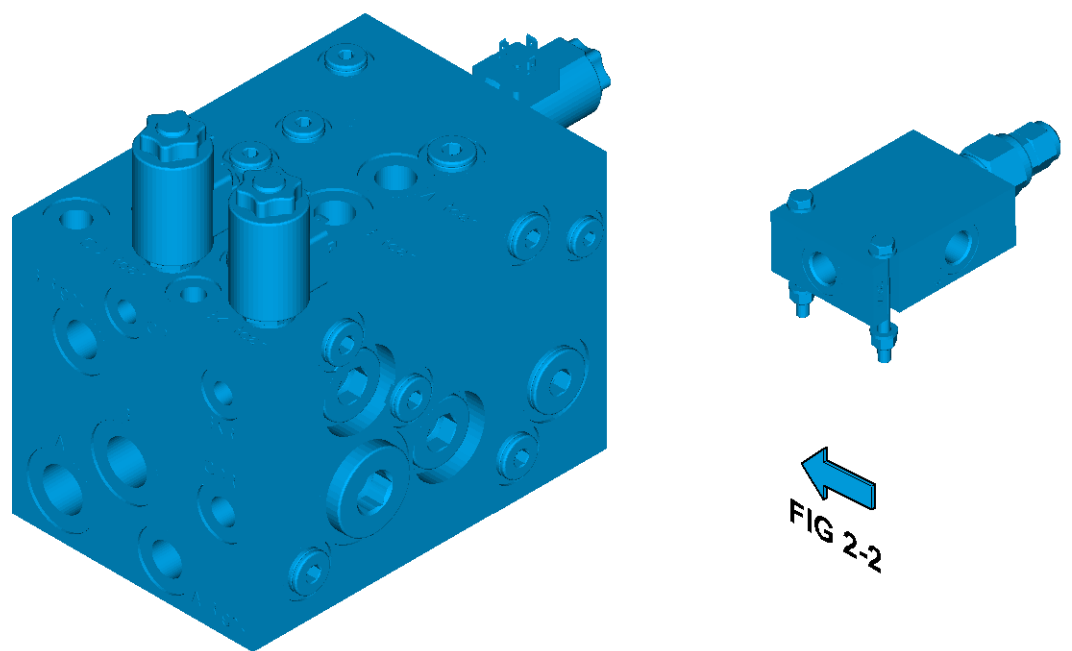


  
FIG 2-2

Fig 2 LM2-63-00 Drive Control System, 3 Cylinder Steer Multi-Directional Drive - Breakdown

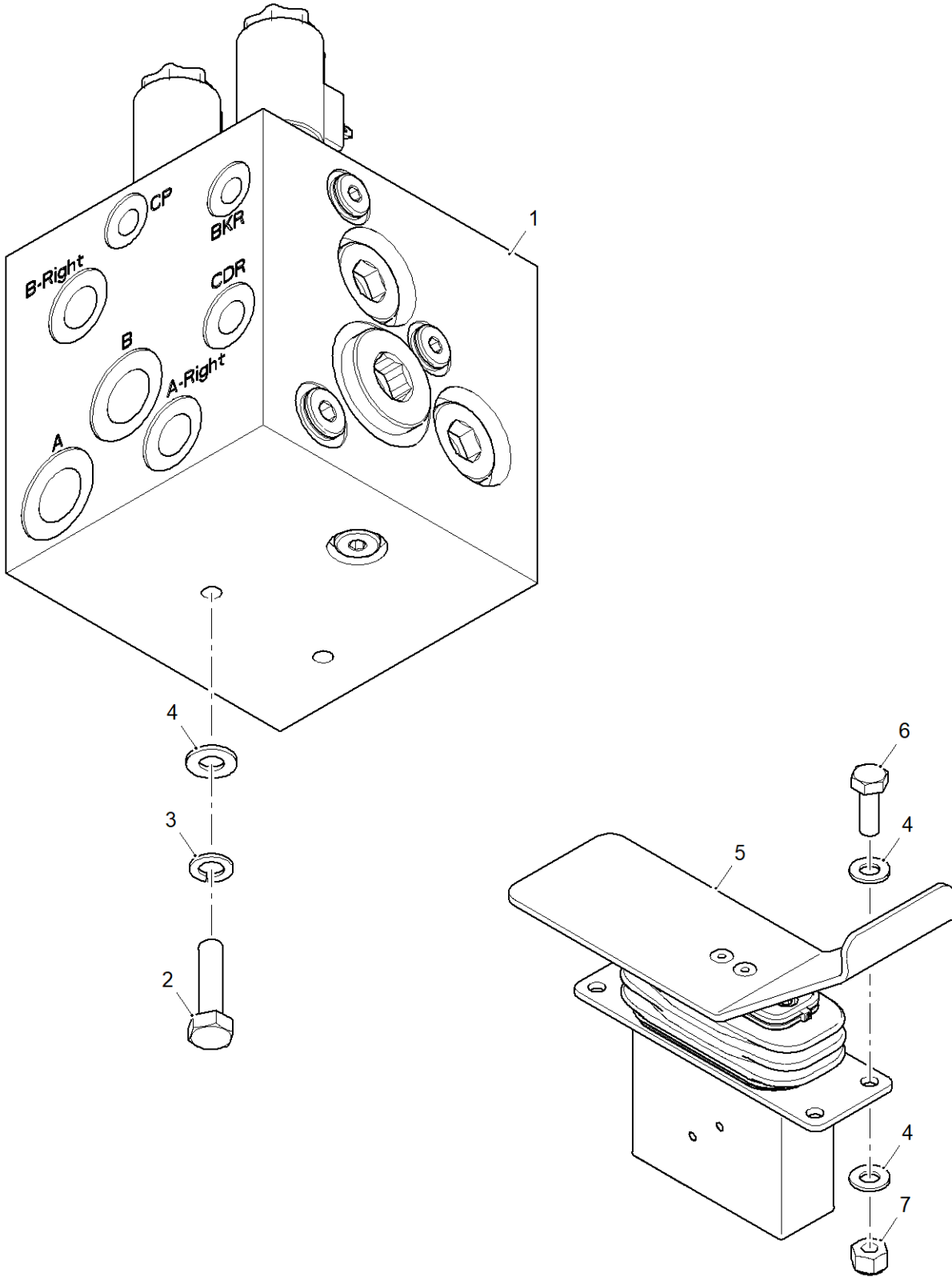


Fig 2-1 LM2-63-00 Drive Control System, 3 Cylinder Multi-Directional Steer Drive – Sheet 1 of 2

**LM2-63-00 DRIVE CONTROL SYSTEM, 3 CYLINDER MULTI-DIRECTIONAL STEER DRIVE - SHEET 1 OF 2**

Fig - Item	Part No	Description	Qty	Notes
2-1 1	YBLOCK4	HYDRAULIC DIFFERENTIAL LOCK MANIFOLD MULTI-DIRECTIONAL	1	
2	XS10040Z	M10X40 HEX HEAD SCREW 8.8	2	
3	XW10SZ	M10 SPRING WASHER	2	
4	XW10AZ	M10 FORM A WASHER	10	
5	YVALVE16	CONTROL VALVE	1	
6	XS06060Z	M6X60 HEX HEAD SCREW 8.8	2	
7	XW06AZ	M6 FORM A WASHER	4	
8	XN06N	M6 NYLOC NUT	2	

+ Item not illustrated

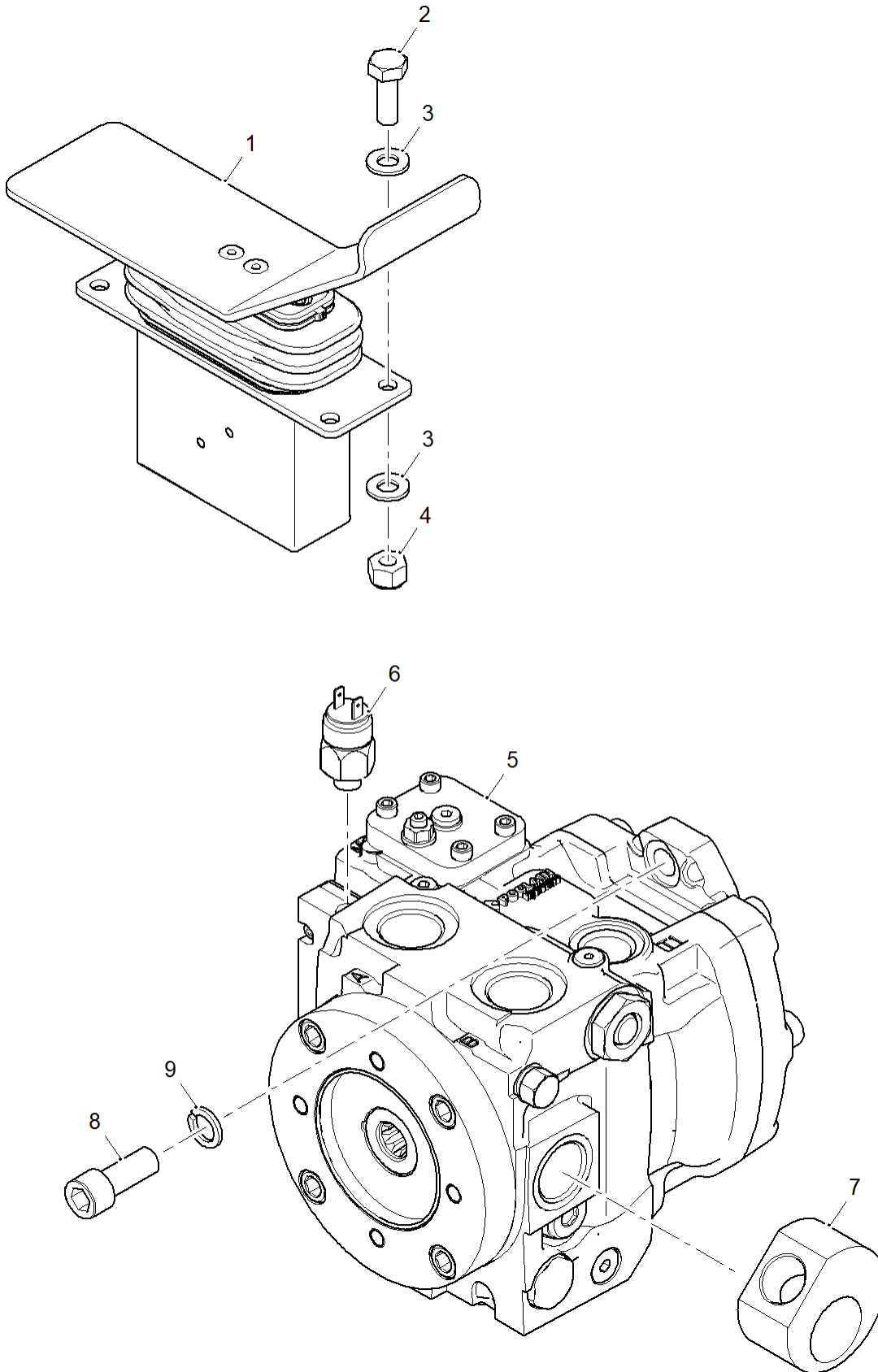


Fig 2-2 LM2-63-00 Drive Control System, 3 Cylinder Multi-Directional Steer Drive – Sheet 2 of 2

**LM2-63-00 DRIVE CONTROL SYSTEM, 3 CYLINDER MULTI-DIRECTIONAL STEER DRIVE - SHEET 2 OF 2**

Fig - Item	Part No	Description	Qty	Notes
2-2 1	YPEDAL1	FORWARD/REVERSE PEDAL	1	
2	XS10030Z	M10X30 HEX HEAD SCREW 8.8	4	
3	XW10AZ	M10 FORM A WASHER	4	
4	XN10N	M10 NYLOC NUT	4	
5	YPUMP8	34.2 CC/REV HYDROSTATIC TRANSMISSION PUMP WITH ANTI-STALL	1	
6	YSWITCH54	HYDRAULIC PRESSURE SWITCH	1	
7	LM2-101-49	1" BANJO HOUSING	1	
8	XSC14035Z	M14X35 CAP HEAD SCREW 8.8	2	
9	XW14SZ	M14 SPRING WASHER	2	

+ Item not illustrated

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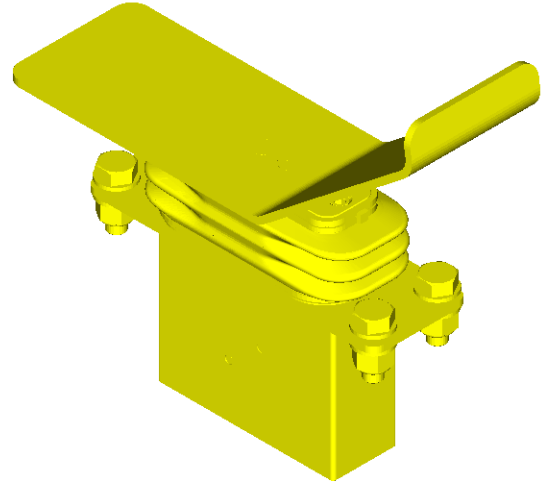
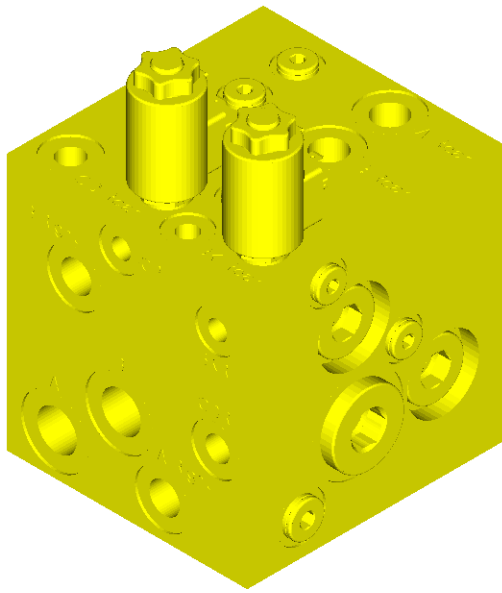


  
FIG 3-1

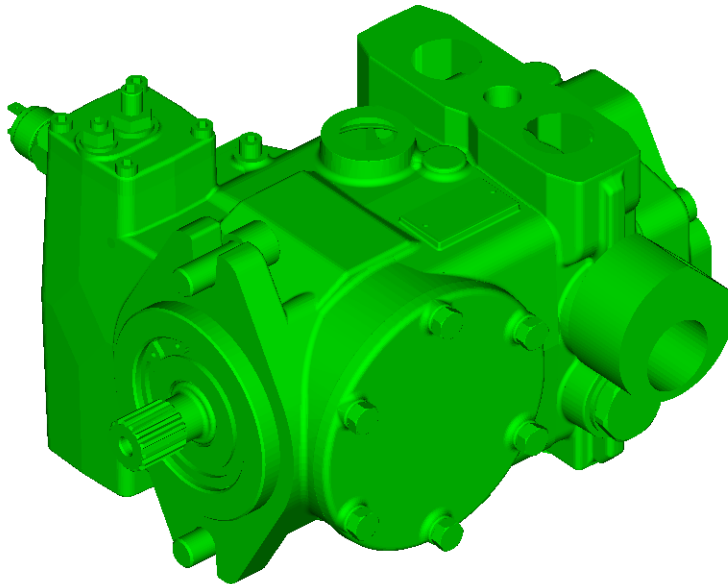


  
FIG 3-2

Fig 3 LM2-63-00 Drive Control System, 4 Cylinder Standard Steer Drive - Breakdown

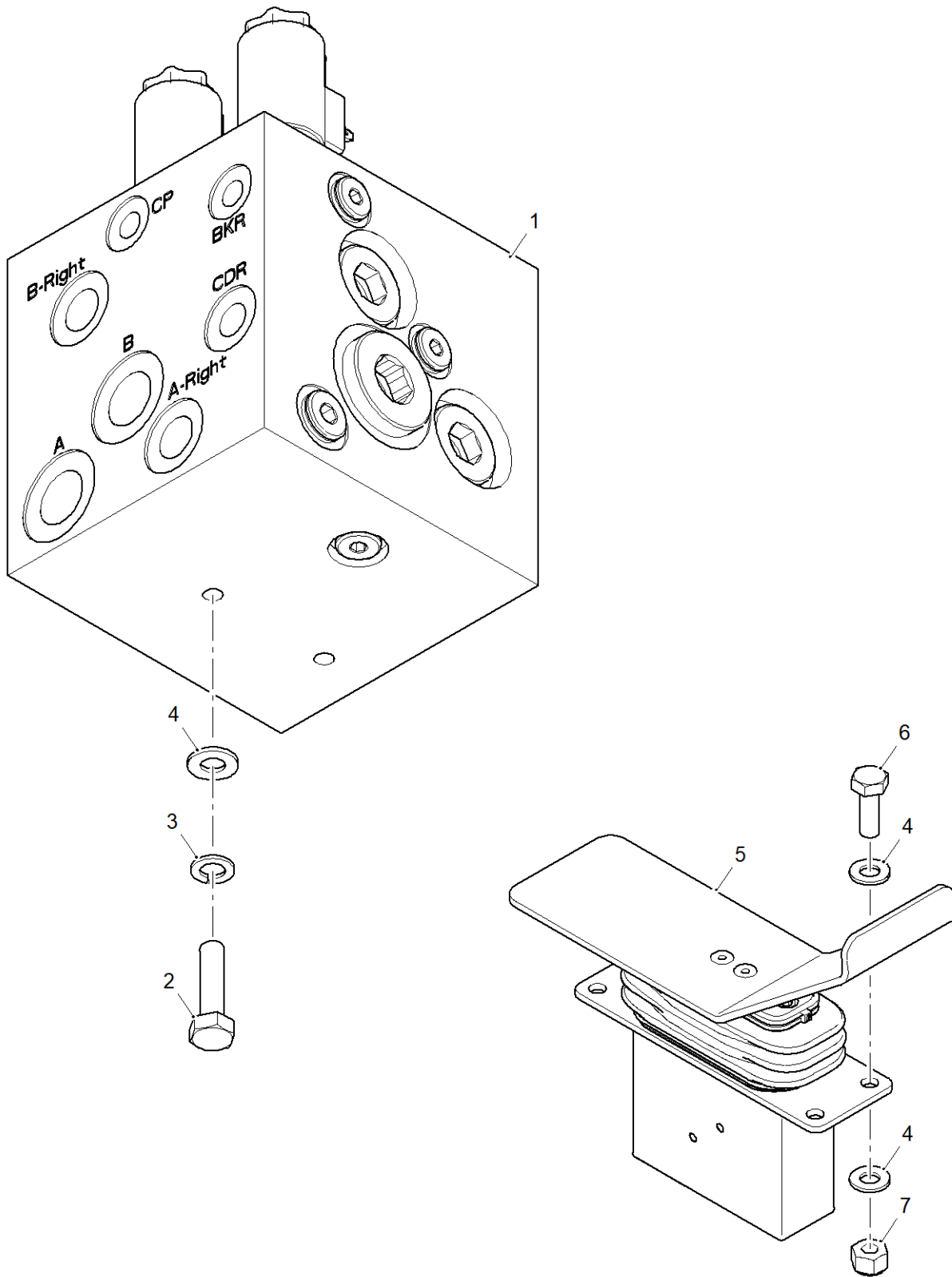


Fig 3-1 LM2-63-00 Drive Control System, 4 Cylinder Standard Steer Drive – Sheet 1 of 2

**LM2-63-00 DRIVE CONTROL SYSTEM, 4 CYLINDER STANDARD STEER DRIVE - SHEET 1 OF 2**

Fig - Item	Part No	Description	Qty	Notes
3-1 1	YBLOCK2	HYDRAULIC DIFFERENTIAL LOCK MANIFOLD STANDARD	1	
2	XS10040Z	M10X40 HEX HEAD SCREW 8.8	2	
3	XW10SZ	M10 SPRING WASHER	2	
4	XW10AZ	M10 FORM A WASHER	10	
5	YPEDAL1	FORWARD/REVERSE PEDAL	1	
6	XS10030Z	M10X30 HEX HEAD SCREW 8.8	4	
7	XN10N	M10 NYLOC NUT	4	

+ Item not illustrated

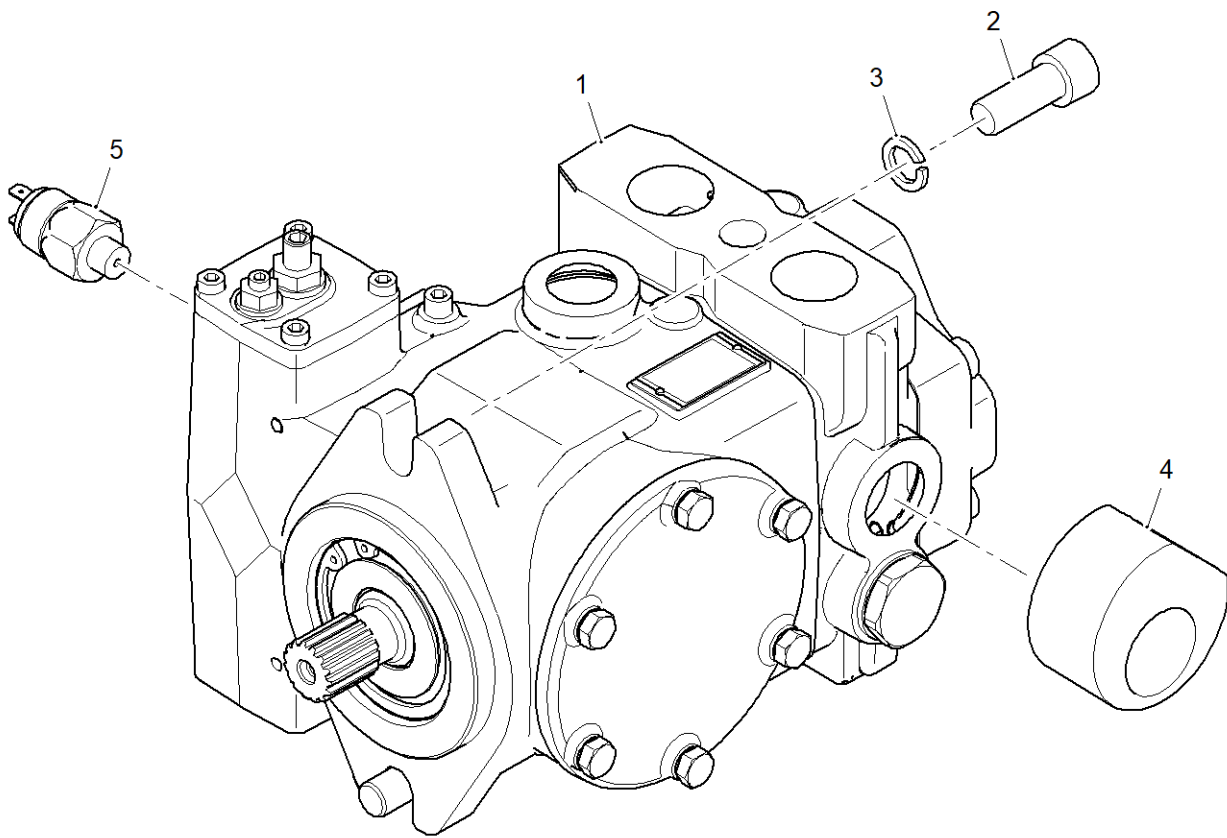


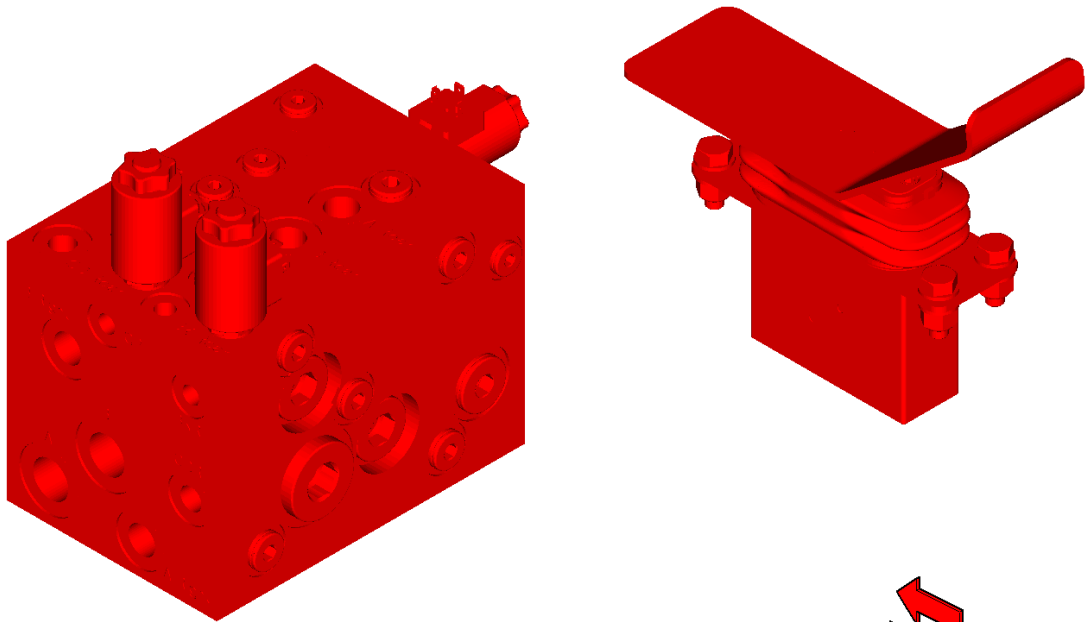
Fig 3-2 LM2-63-00 Drive Control System, 4 Cylinder Standard Steer Drive – Sheet 2 of 2


**LM2-63-00 DRIVE CONTROL SYSTEM, 4 CYLINDER STANDARD DRIVE - SHEET 2 OF 2**

Fig - Item	Part No	Description	Qty	Notes
3-2 1	YPUMP1	46 CC/REV HYDROSTATIC TRANSMISSION PUMP	1	
2	XSC14035Z	M14X35 CAP HEAD SCREW 8.8	2	
3	XW14SZ	M14 SPRING WASHER	2	
4	LM2-101-49	1" BANJO HOUSING	1	
5	YSWITCH54	HYDRAULIC PRESSURE SWITCH	1	

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FIG 4-1

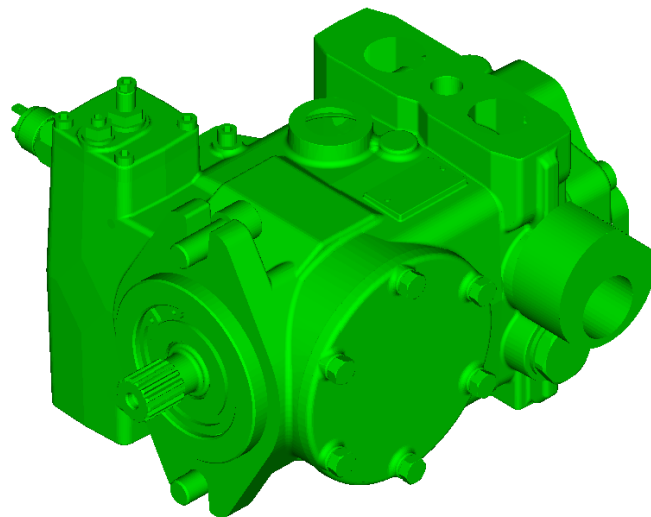


  
FIG 4-2

Fig 4 LM2-63-00 Drive Control System, 4 Cylinder Multi-Directional Steer Drive - Breakdown

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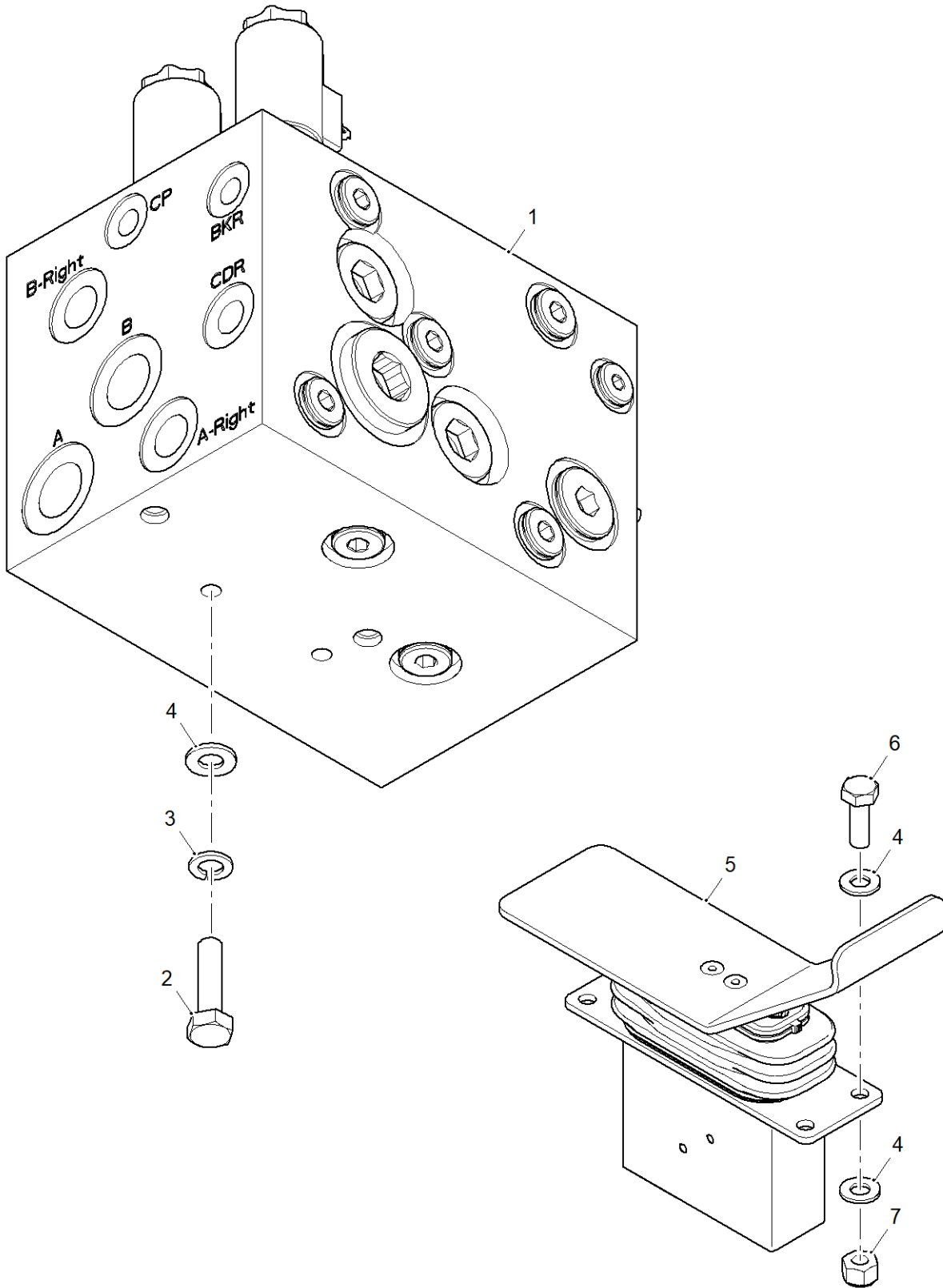


Fig 4-1 LM2-63-00 Drive Control System, 4 Cylinder Multi-Directional Steer Drive – Sheet 1 of 2



**LM2-63-00 DRIVE CONTROL SYSTEM, 4 CYLINDER MULTI-DIRECTIONAL STEER DRIVE - SHEET 1 OF 2**

Fig - Item	Part No	Description	Qty	Notes
4-1 1	YBLOCK4	HYDRAULIC DIFFERENTIAL LOCK MANIFOLD MULTI-DIRECTIONAL	1	
2	XS10040Z	M10X40 HEX HEAD SCREW 8.8	2	
3	XW10SZ	M10 SPRING WASHER	2	
4	XW10AZ	M10 FORM A WASHER	10	
5	YPEDAL1	FORWARD/REVERSE PEDAL	1	
6	XS10030Z	M10X30 HEX HEAD SCREW 8.8	4	
7	XN10N	M10 NYLOC NUT	4	

+ Item not illustrated

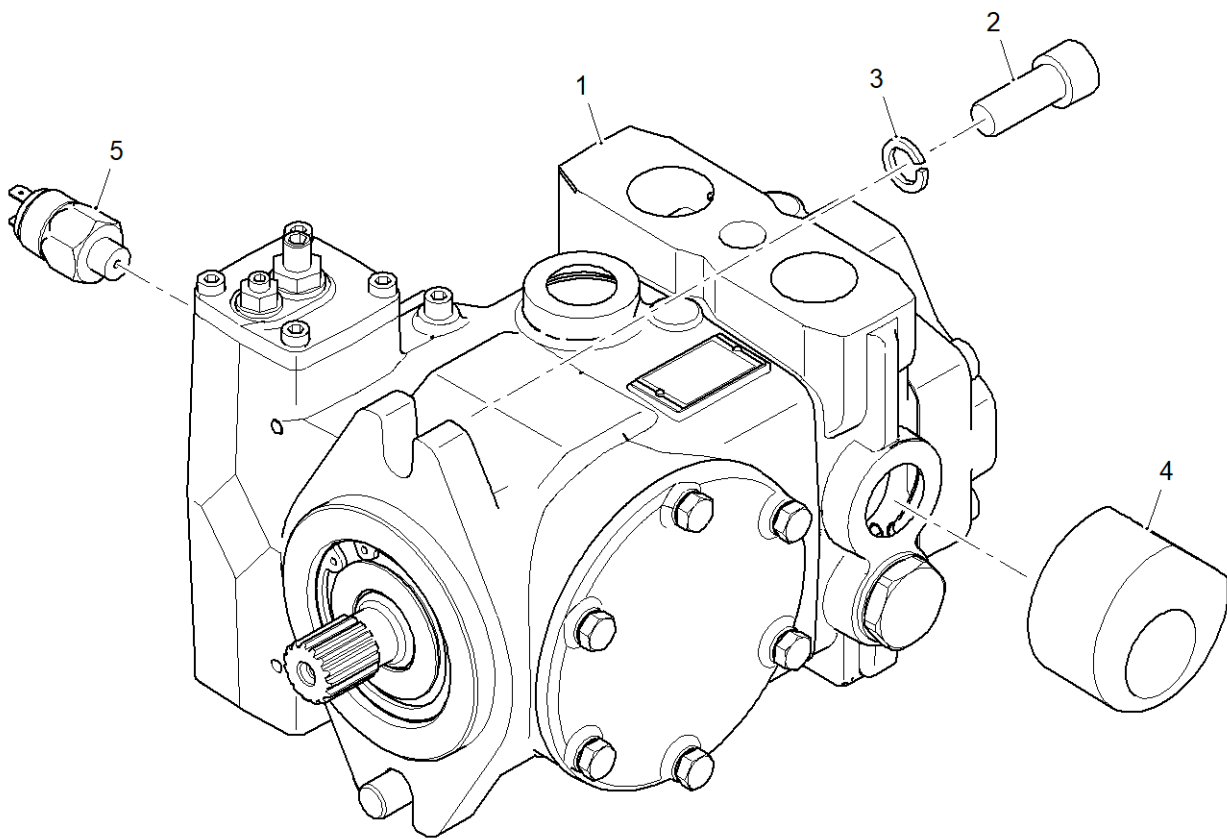


Fig 4-2 LM2-63-00 Drive Control System, 4 Cylinder Multi-Directional Steer Drive – Sheet 1 of 2

**LM2-63-00 DRIVE CONTROL SYSTEM, 4 CYLINDER MULTI-DIRECTIONAL STEER DRIVE - SHEET 2 OF 2**

Fig - Item	Part No	Description	Qty	Notes
4-2 1	YPUMP1	46 CC/REV HYDROSTATIC TRANSMISSION PUMP	1	
2	XSC14035Z	M14X35 CAP HEAD SCREW 8.8	2	
3	XW14SZ	M14 SPRING WASHER	2	
4	LM2-101-49	1" BANJO HOUSING	1	
5	YSWITCH54	HYDRAULIC PRESSURE SWITCH	1	

+ Item not illustrated

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## CHAPTER 7

# LM2-64-00 SERVICE CONTROL SYSTEM

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## CHAPTER 7

## LM2-64-00 SERVICE CONTROL SYSTEM

## CONTENTS

Fig		Page
1	LM2-64-00 Service and Steering Control Systems, 3 Cylinder System – Breakdown .....	3
1-1	LM2-64-00 Service and Steering Control Systems, 3 Cylinder System - Sheet 1 of 2 .....	4
1-2	LM2-64-00 Service and Steering Control Systems, 3 Cylinder System - Sheet 2 of 2 .....	6
2	LM2-64-00 Service Control System, 3 Cylinder System, Auxiliary Option 1 - Breakdown .....	9
2-1	LM2-64-00 Service Control System, 3 Cylinder System, Auxiliary Option 1 .....	10
3	LM2-64-00 Service Control System, 3 Cylinder System, Auxiliary Option 2 - Breakdown .....	13
3-1	LM2-64-00 Service Control System, 3 Cylinder System, Auxiliary Option 2 .....	14
4	LM2-64-00 Service Control System, Multi-Directional Steer Option - Breakdown ..	17
4-1	LM2-64-00 Service Control System, Multi-Directional Steer Option .....	18
5	LM2-64-00 Service Control System, Hard Ride Option - Breakdown .....	21
5-1	LM2-64-00 Service Control System, Hard Ride Option .....	22
6	LM2-64-00 Service Control System, 4 Cylinder System - Breakdown .....	24
6-1	LM2-64-00 Service Control System, 4 Cylinder System .....	26

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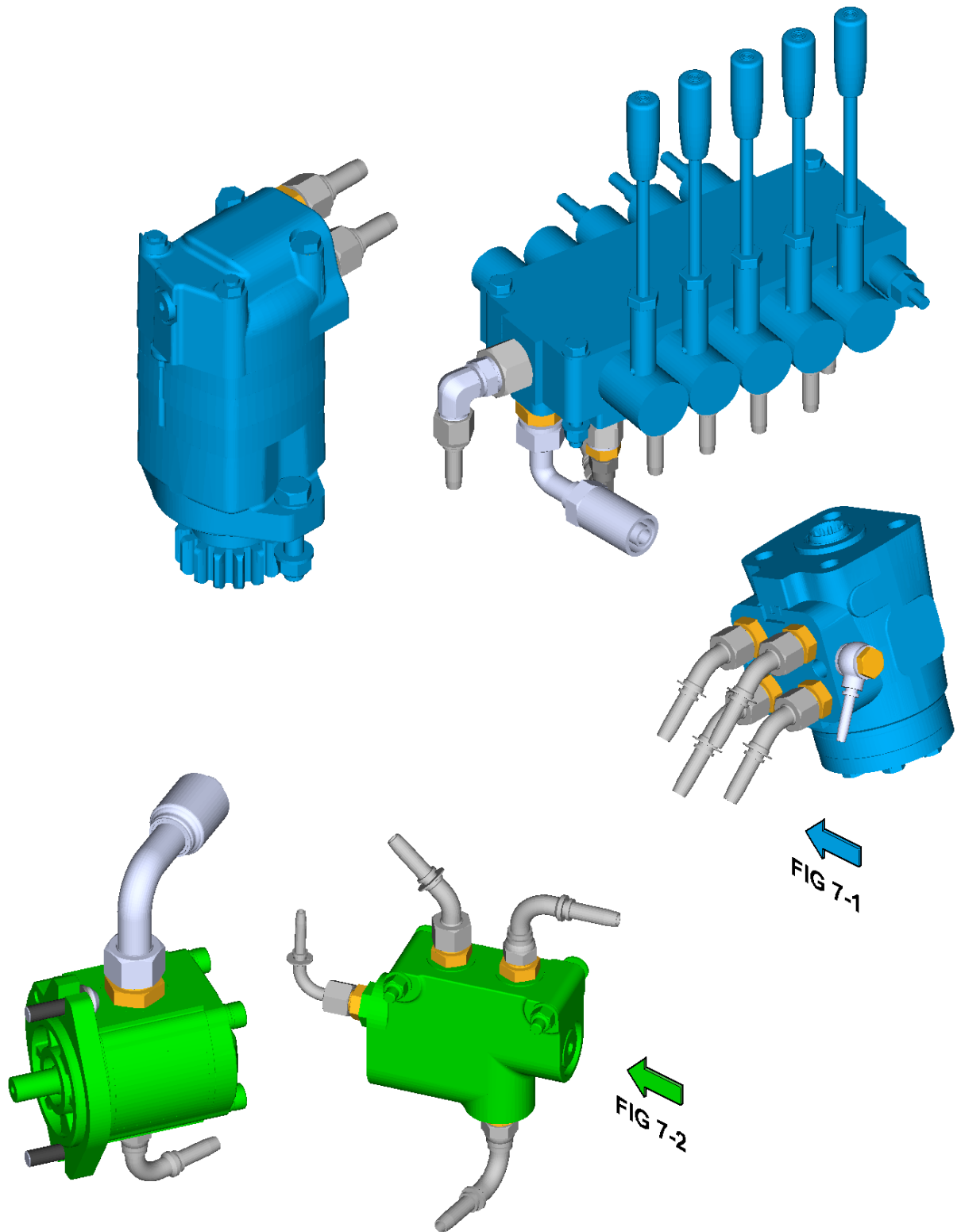


Fig 1 LM2-64-00 Service and Steering Control Systems, 3 Cylinder System – Breakdown

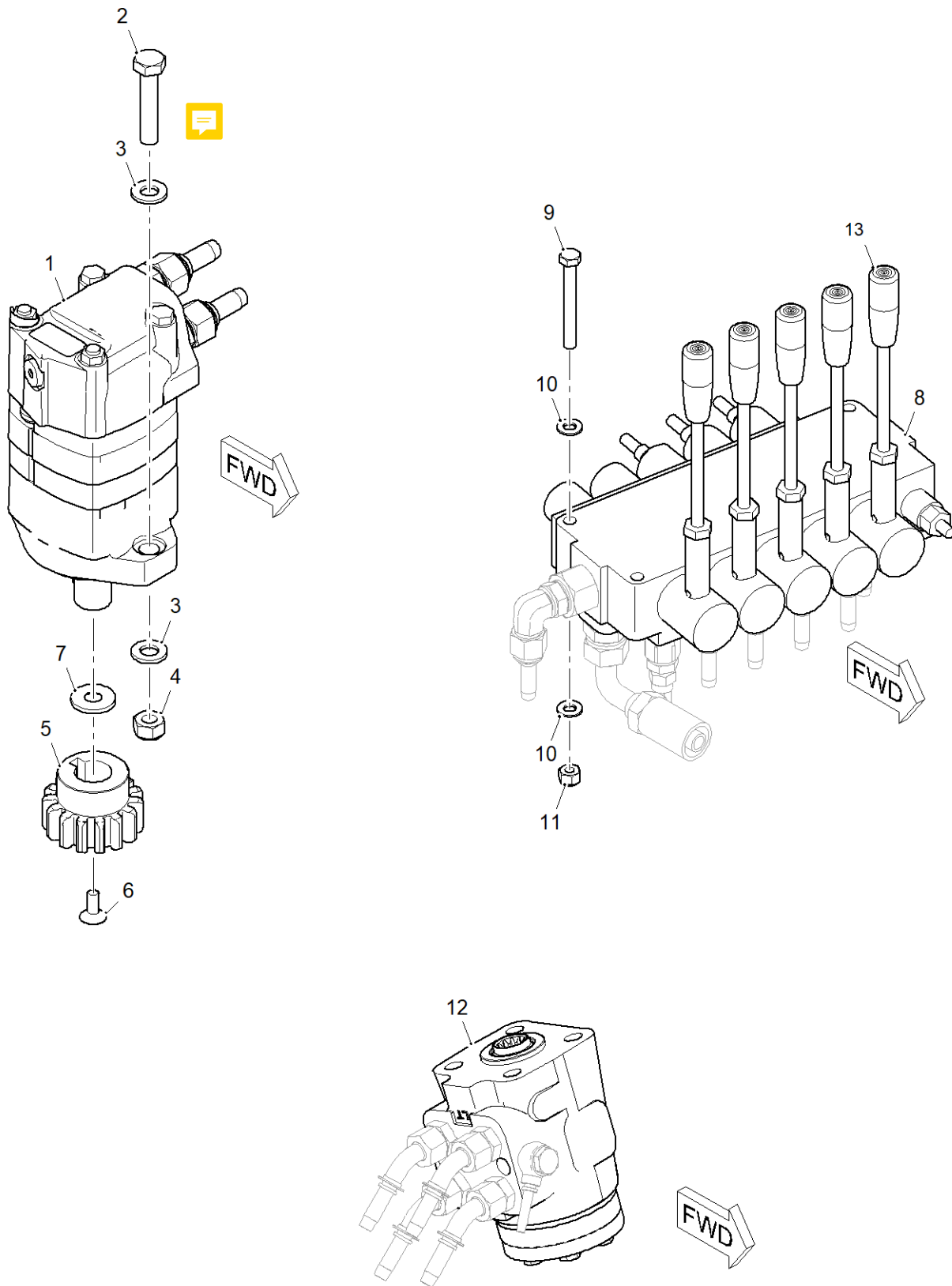


Fig 1-1 LM2-64-00 Service and Steering Control Systems, 3 Cylinder System – Sheet 1 of 2

**LM2-64-00 SERVICE AND STEERING CONTROL SYSTEMS, 3 CYLINDER SYSTEM – SHEET 1 OF 2**


Fig - Item	Part No	Description	Qty	Notes
1-1 1	YMOTOR3	REAR STEERING MOTOR	1	
2	XS12060Z	M12X60 HEX HEAD SCREW 8.8	2	
3	XW12AZ	M12 FORM A WASHER	4	
4	XN12N	M12 NYLOC NUT	2	
5	LM1-300-04	SPUR GEAR DRIVER	1	
6	XCSK08020SKTZB	M8X20 COUNTERSUNK SCREW 8.8	1	
7	LM1-100-43	SPUR GEAR RETAINING WASHER	1	
8	YLEVER1	5-WAY LEVER BANK	1	
9	XB08070Z	M8X70 HEX HEAD BOLT 8.8	3	
10	XW08AZ	M8 FORM A WASHER	6	
11	XN08N	M8 NYLOC NUT	3	
12	YSTEERPUMP1	STEERING PUMP	1	
13	YLEVER6	LEVER 164 MM LONG	5	

+ Item not illustrated

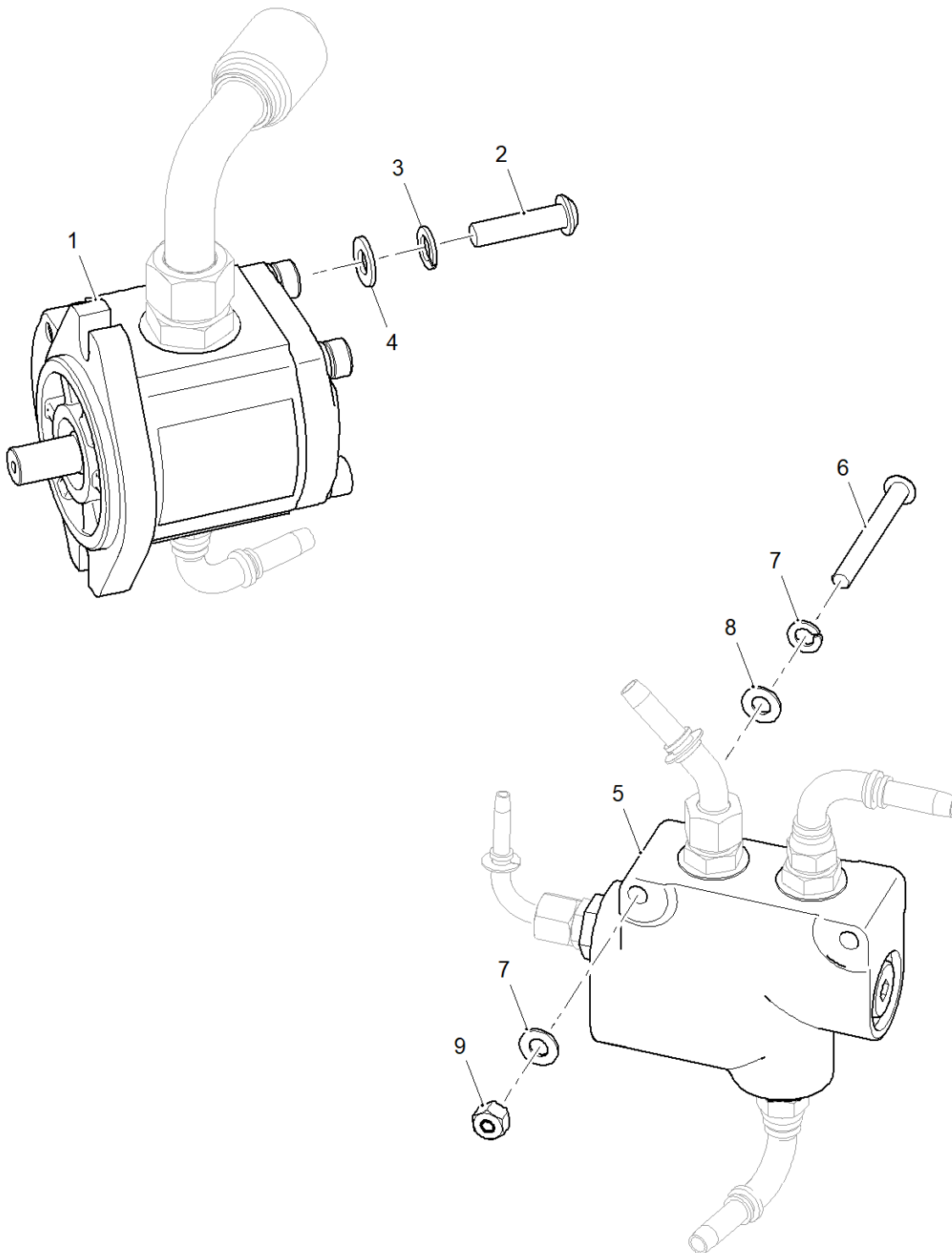


Fig 1-2 LM2-64-00 Service and Steering Control Systems, 3 Cylinder System - Sheet 2 of 2

**LM2-64-00 SERVICE AND STEERING CONTROL SYSTEMS, 3 CYLINDER SYSTEM -  
SHEET 2 OF 2**

Fig - Item	Part No	Description	Qty	Notes
1-2 1	YPUMP4	11 CC GEAR PUMP	1	
2	XBUT10040SKTZB	M10X40 BUTTON HEAD SCREW 8.8	2	
3	XW10SZ	M10 SPRING WASHER	2	
4	XW10AZ	M10 FORM A WASHER	2	
5	YVALVE5	PRIORITY VALVE	1	
6	XBUT08030SKTZB	M8X30 BUTTON HEAD SCREW 8.8	2	
7	XW08SZ	M8 SPRING WASHER	2	
8	XW08AZ	M8 FORM A WASHER	4	
9	XN08N	M8 NYLOC NUT	2	

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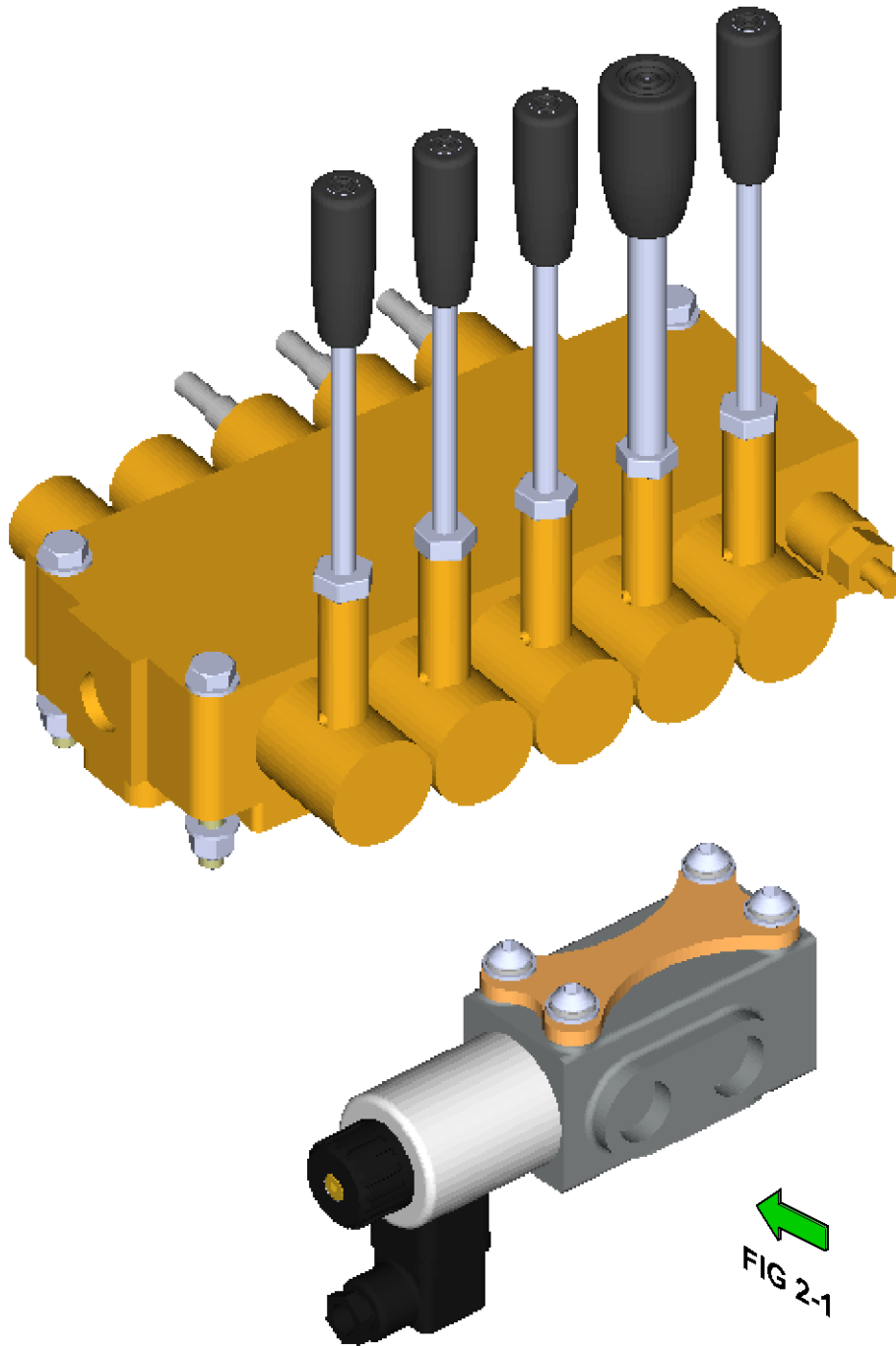


Fig 2 LM2-64-00 Service Control System, 3 Cylinder System, Auxiliary Option 1 Breakdown

3 CYLINDER SYSTEM, AUXILIARY OPTION 1

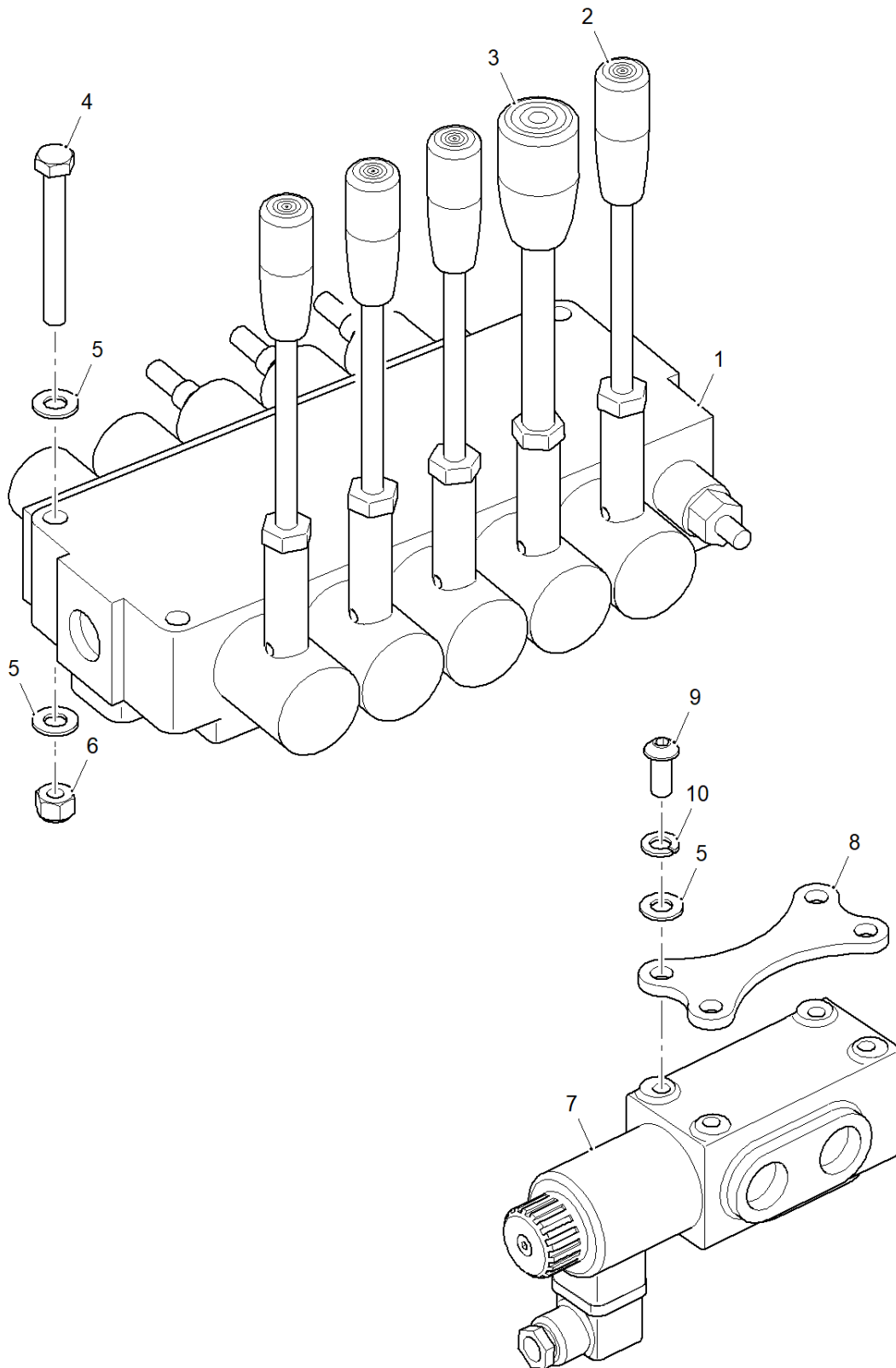


Fig 2-1 LM2-64-00 Service Control System, 3 Cylinder System, Auxiliary Option 1



**LM2-64-00 SERVICE CONTROL SYSTEM, 3 CYLINDER SYSTEM, AUXILIARY OPTION 1**

Fig - Item	Part No	Description	Qty	Notes
2-1 1	YLEVER1	5-WAY LEVER BANK	1	
2	YLEVER6	LEVER 164 MM LONG	4	
3	YLEVER5	LEVER 164 MM LONG WITH MICRO SWITCH	1	
4	XB08070Z	M8X70 HEX HEAD BOLT 8.8	3	
5	XW08AZ	M8 FORM A WASHER	10	
6	XN08N	M8 NYLOC NUT	3	
7	YVALVE4	CROSS-OVER VALVE	1	
8	LM2-500-59	DIVERter VALVE SPACER	1	
9	XBUT08020SKTZB	M8X20 BUTTON HEAD SCREW 8.8	4	
10	XW08SZ	M8 SPRING WASHER	4	

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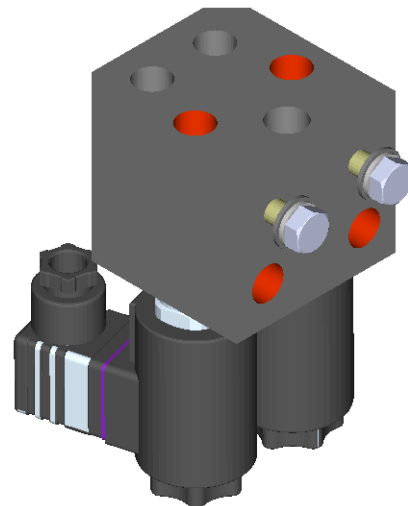
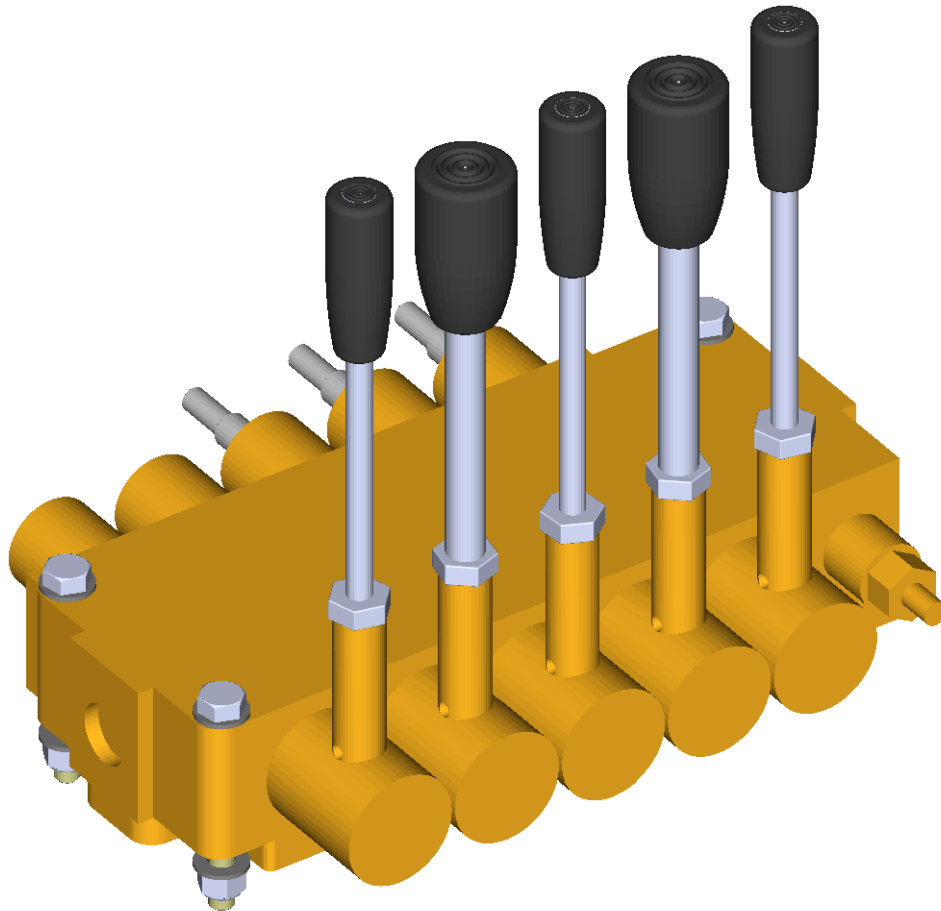


  
FIG 3-1

Fig 3 LM2-64-00 Service Control System, 3 Cylinder System, Auxiliary Option 2 - Breakdown

3 CYLINDER SYSTEM, AUXILIARY OPTION 2

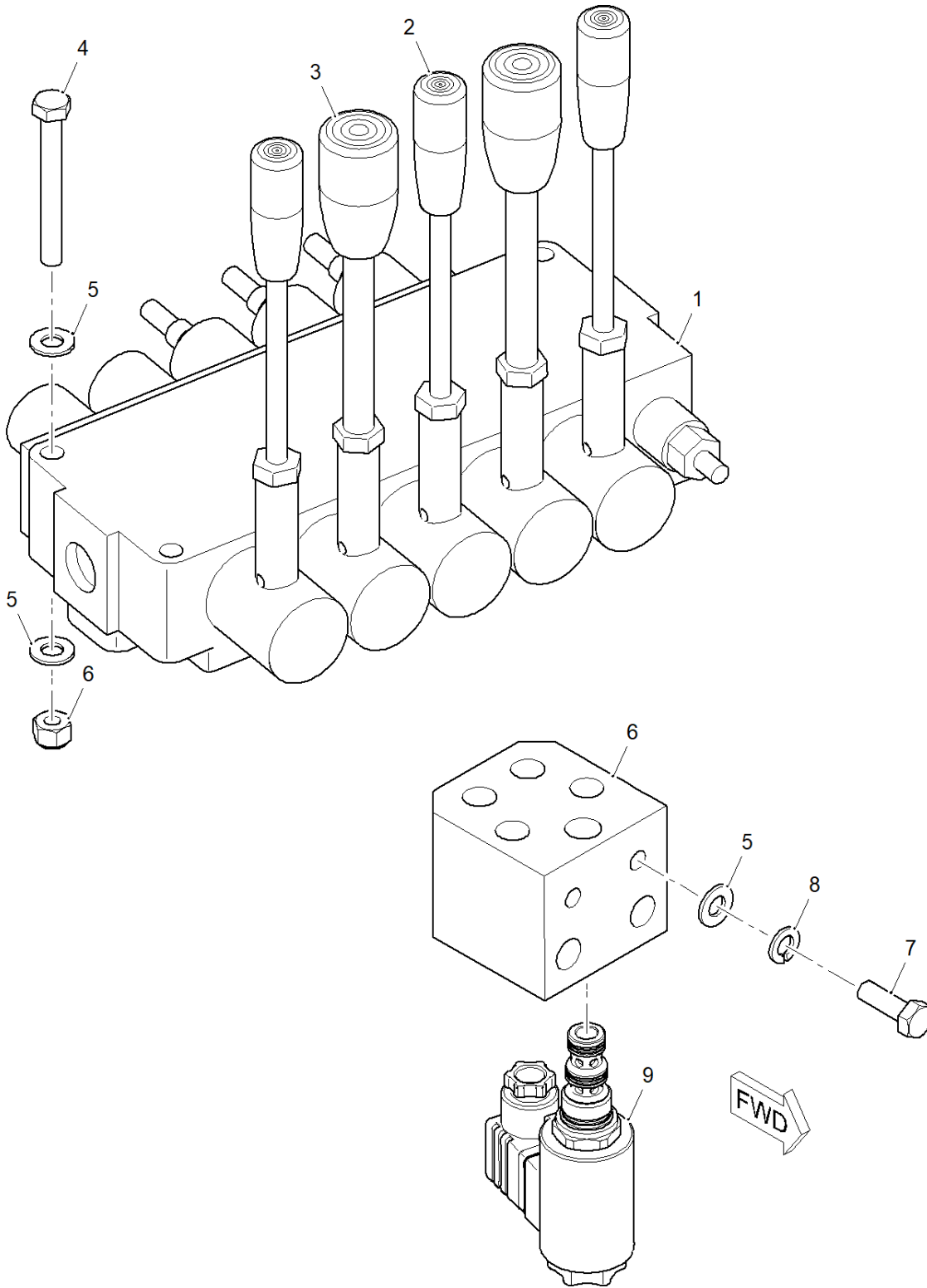


Fig 3-1 LM2-64-00 Service Control System, 3 Cylinder System, Auxiliary Option 2

**LM2-64-00 SERVICE CONTROL SYSTEM, 3 CYLINDER SYSTEM, AUXILIARY OPTION 2**

Fig - Item	Part No	Description	Qty	Notes
3-1 1	YLEVER1	5-WAY LEVER BANK	1	
2	YLEVER6	LEVER 164 MM LONG	3	
3	YLEVER5	LEVER 164 MM LONG WITH MICRO SWITCH	2	
4	XB08070Z	M8X70 HEX HEAD BOLT 8.8	3	
5	XW08AZ	M8 FORM A WASHER	4	
6	YVALVE11	6 PORT 2 POSITION DIVERTER VALVE	2	
7	XS08025Z	M8X25 HEX HEAD SCREW 8.8	4	
8	XW08SZ	M8 SPRING WASHER	4	
9	YVALVE12	3 PORT 2 POSITION DIVERTER VALVE	2	

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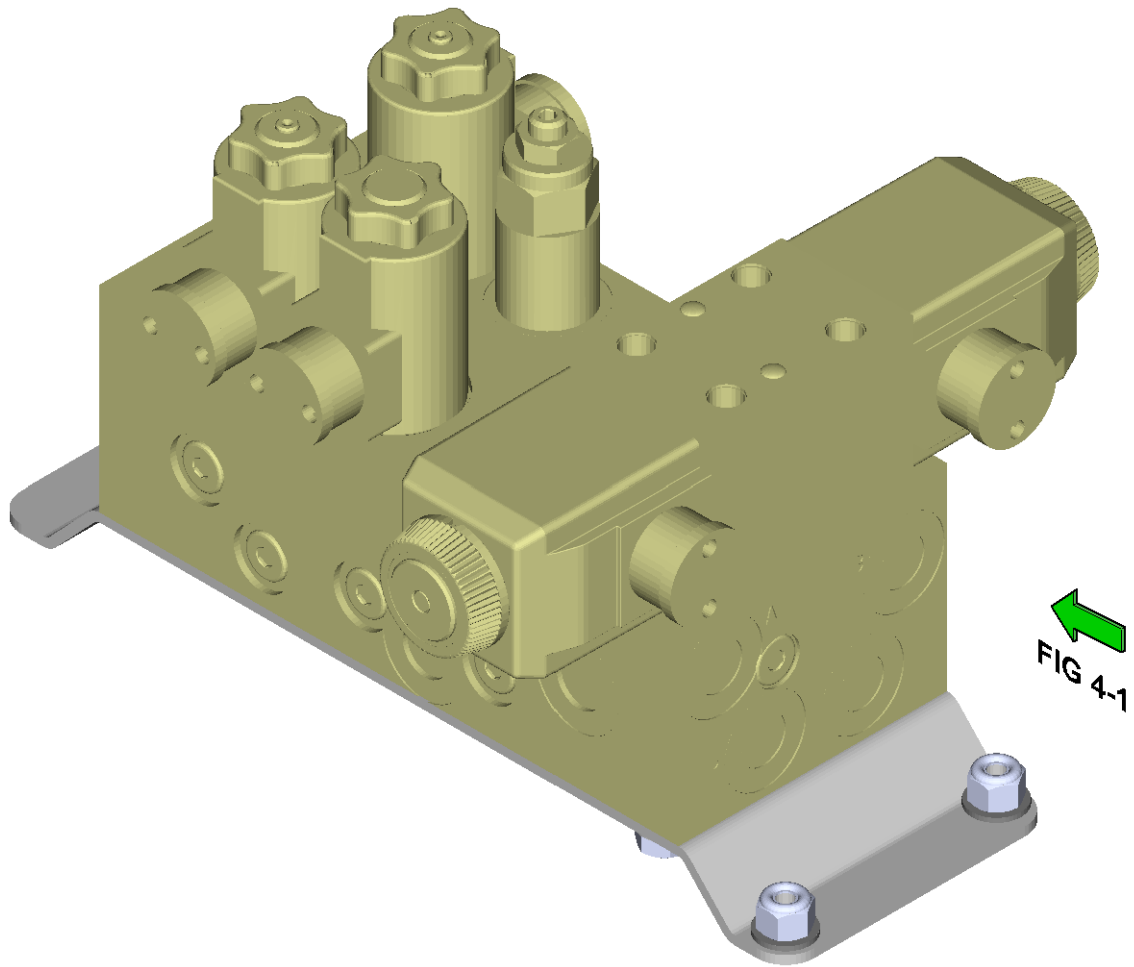


Fig 4 LM2-64-00 Service Control System, Multi-Directional Steer Option - Breakdown

MULTI-DIRECTIONAL STEER OPTION

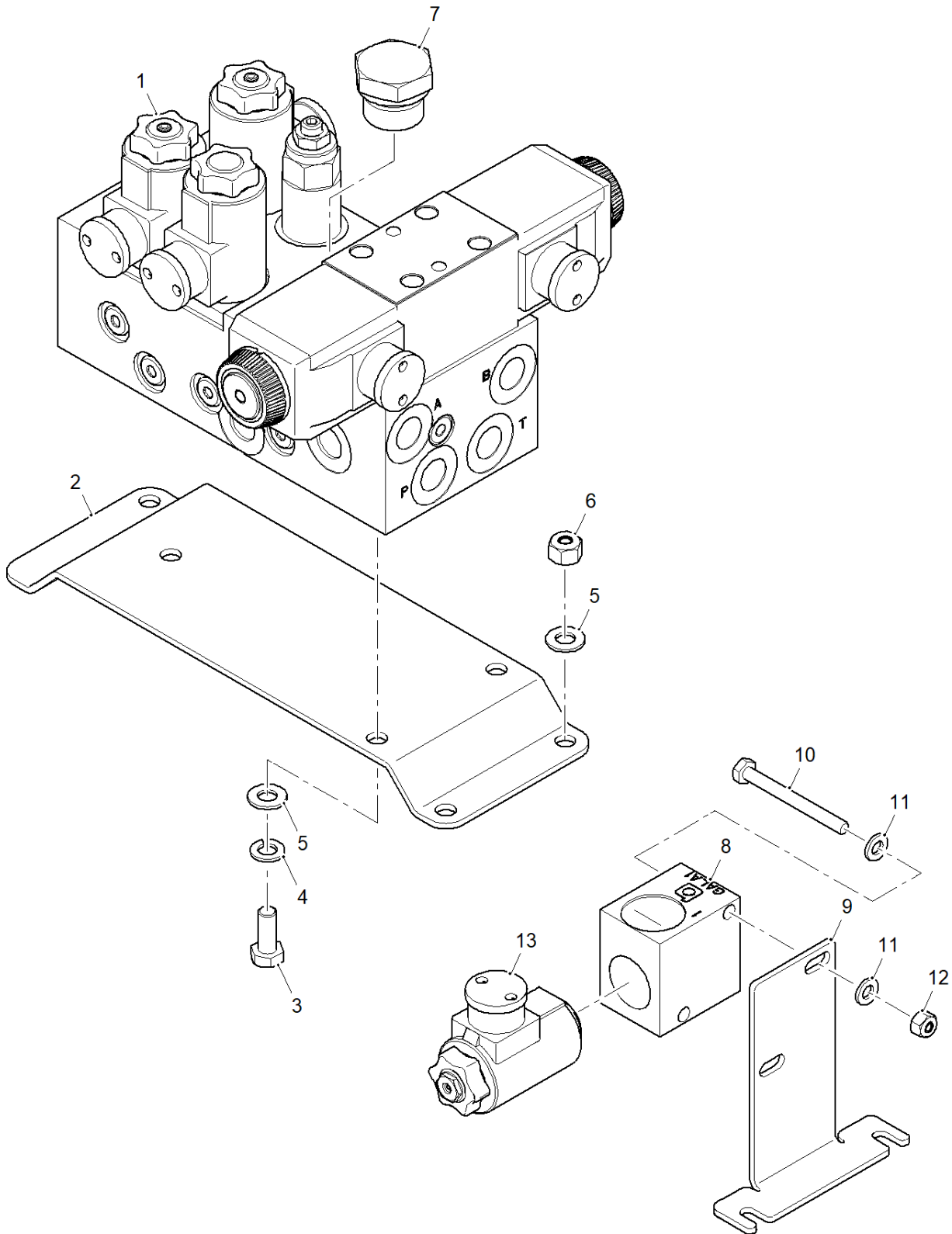


Fig 4-1 LM2-64-00 Service Control System, Multi-Directional Steer Option



**LM2-64-00 SERVICE CONTROL SYSTEM, MULTI-DIRECTIONAL STEER OPTION**

Fig - Item	Part No	Description	Qty	Notes
4-1 1	YBLOCK5	4-WAY HYDRAULIC BLOCK	1	
2	LM2-606-04	YBLOCK 5 MOUNT	1	
3	XS08020Z	M8X20 HEX HEAD SCREW 8.8	3	
4	XW08SZ	M8 SPRING WASHER	3	
5	XW08AZ	M8 FORM A WASHER	6	
6	XN08N	M8 NYLOC NUT	3	
7	3-4 BSP BLANKING PLUG	3/4" BSP BLANKING PLUG	1	
8	YBLOCK6	LINE BODY - SOLENOID VALVE	1	
9	LM2-600-03	YBLOCK6 MOUNT	1	
10	XS06060Z	M6X60 HEX HEAD SCREW 8.8	3	
11	XW06AZ	M6 FORM A WASHER	4	
12	XN06N	M6 NYLOC NUT	2	
13	YBLOCK5_SOLINOID_VALVE	SOLENOID VALVE	1	

+ Item not illustrated

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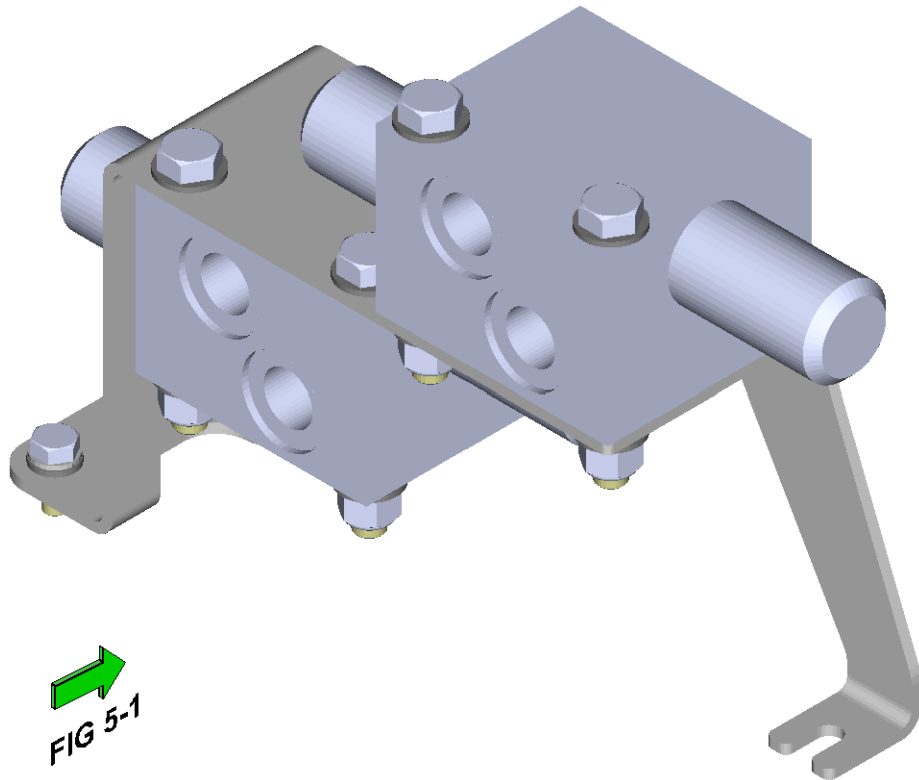


Fig 5 LM2-64-00 Service Control System, Hard Ride Option - Breakdown

HARD RIDE OPTION

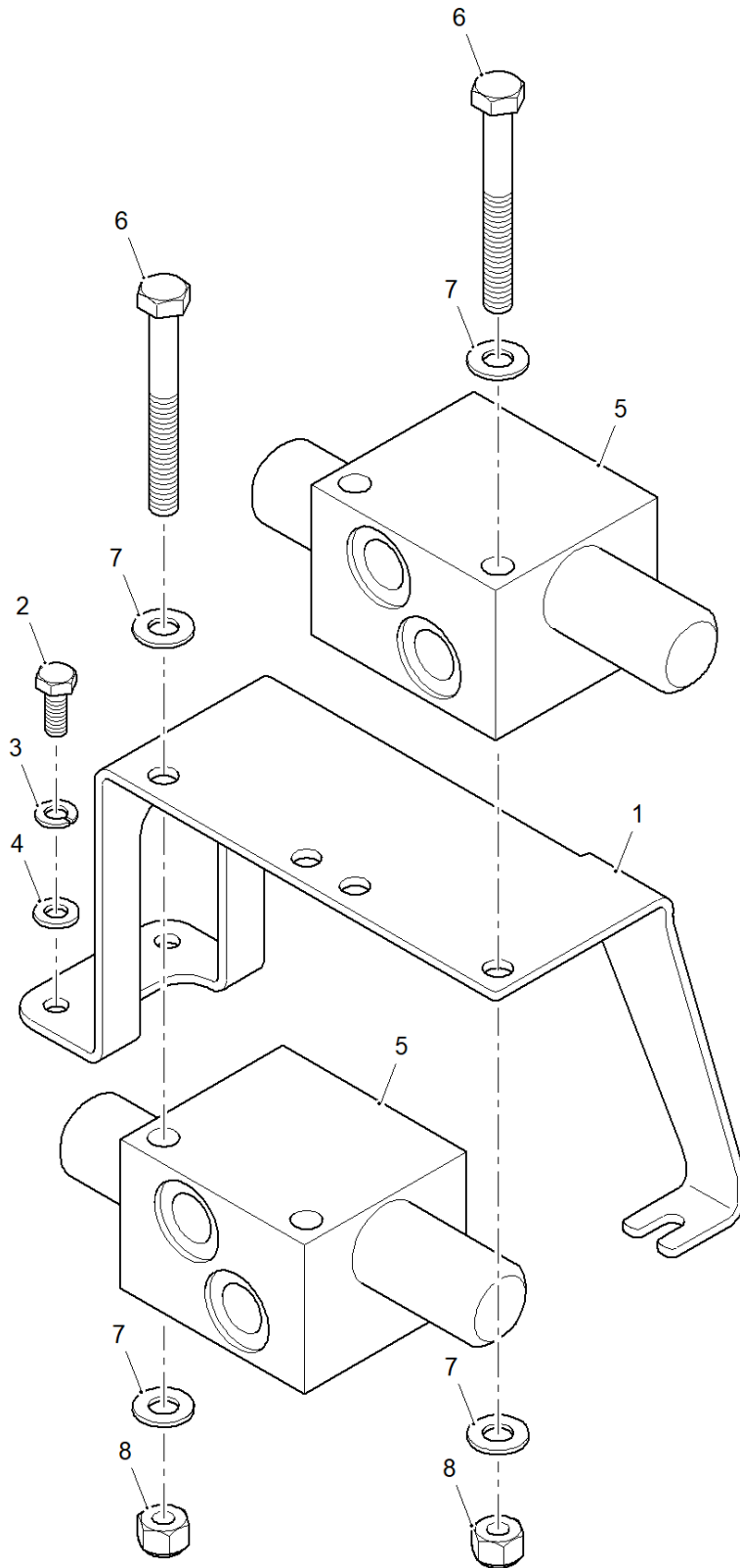


Fig 5-1 LM2-64-00 Service Control System, Hard Ride Option

## LM2-64-00 SERVICE CONTROL SYSTEM, HARD RIDE OPTION

Fig - Item	Part No	Description	Qty	Notes
5-1 1	LM2-606-05	HARD RIDE VALVE MOUNT	1	
2	XS06016Z	M6X16 HEX HEAD SCREW 8.8	2	
3	XW06SZ	M6 SPRING WASHER	2	
4	XW06AZ	M6 FORM A WASHER	2	
5	YVALVE3	DOUBLE OVER CENTRE VALVE	2	
6	XB08070Z	M8X70 HEX HEAD BOLT 8.8	4	
7	XW08AZ	M8 FORM A WASHER	8	
8	XN08N	M8 NYLOC NUT	4	

+ Item not illustrated

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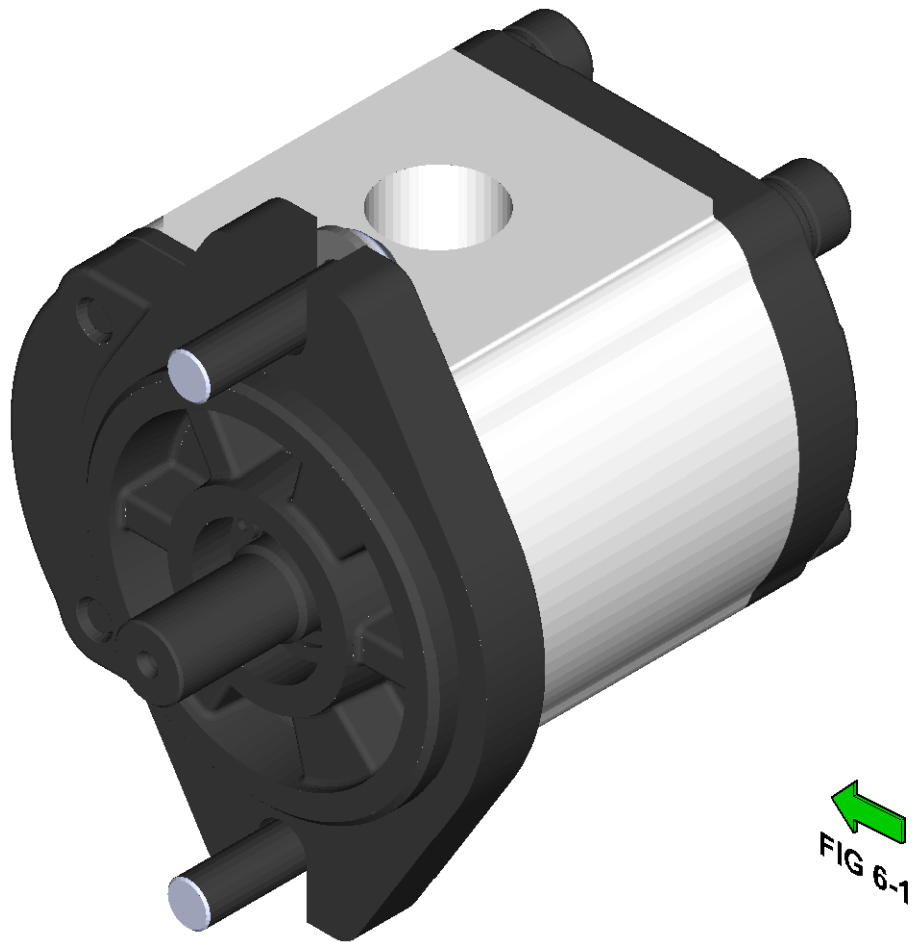


Fig 6 LM2-64-00 Service Control System, 4 Cylinder System - Breakdown

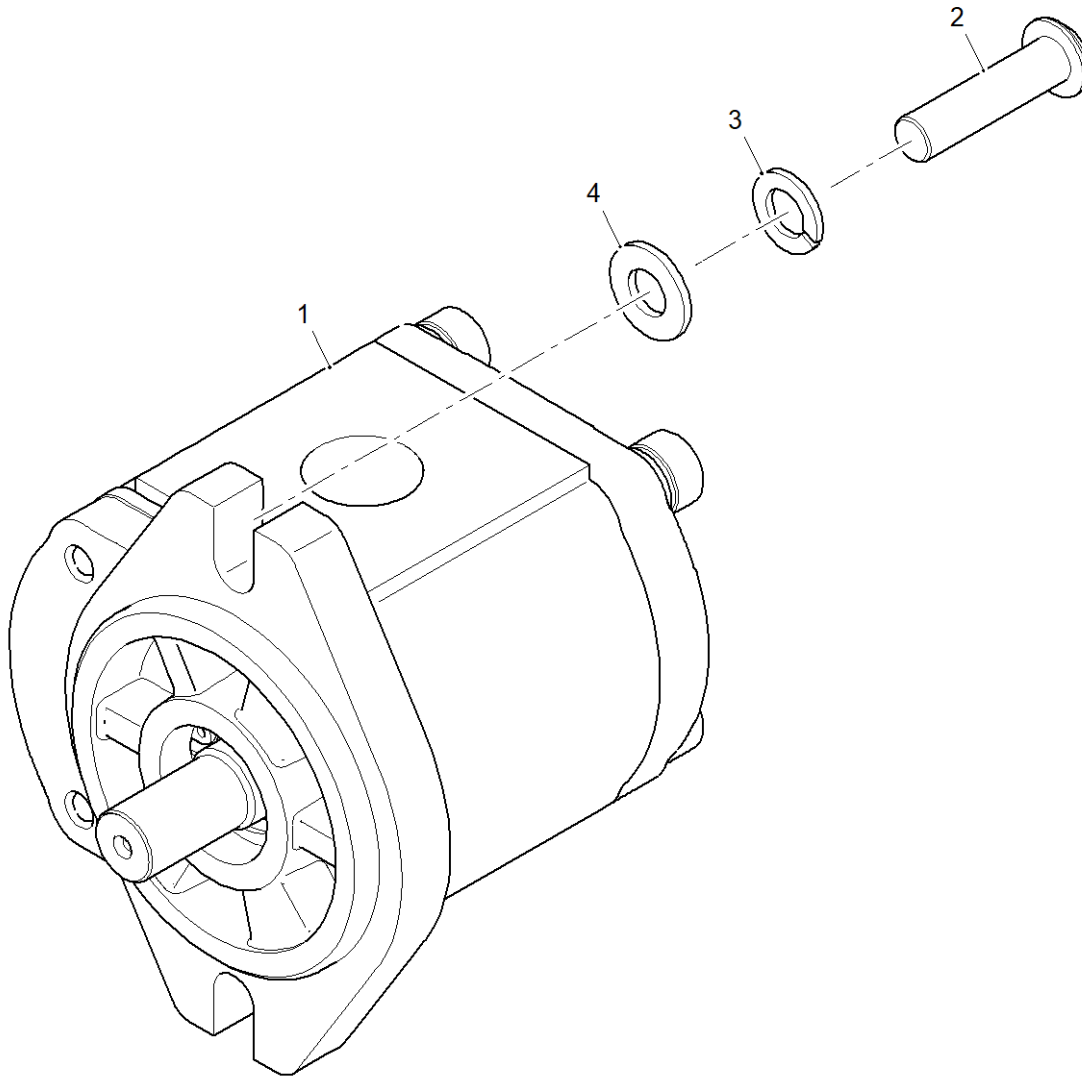


Fig 6-1 LM2-64-00 Service Control System, 4 Cylinder System

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## LM2-64-00 SERVICE CONTROL SYSTEM, 4 CYLINDER SYSTEM

Fig - Item	Part No	Description	Qty	Notes
6-1 1	YPUMP3	14 CC GEAR PUMP	1	
2	XBUT10040SKTZB	M10X40 BUTTON HEAD SCREW 8.8	2	
3	XW10SZ	M10 SPRING WASHER	2	
4	XW10AZ	M10 FORM A WASHER	2	

+ Item not illustrated

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## CHAPTER 8

# INDEX OF PART NUMBERS

INDEX OF PART NUMBERS

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## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
15000-36931	AIR FILTER BAND	4	13
15224-43013	FUEL FILTER	4	41
15263-12370 4	EXHAUST GASKET	4	27
15313-12370	KUBOTA 2 BOLT EXHAUST GASKET	4	9
		4	27
16212-73260	THERMOSTAT COVER (3 CYL.)	4	13
16212-73266	THERMOSTAT COVER	4	29
16222-83041	TEMPERATURE SWITCH (3 CYL.)	4	13
16241-64422	ALTERNATOR STAY	4	13
16264-12311	EXHAUST MANIFOLD	4	9
		4	13
16271-3209-2	OIL FILTER	4	29
		4	13
16282-97011	AUXILIARY BELT	4	13
16285-7411-0 FAN	RADIATOR FAN	4	35
16611-6301-0	STARTER MOTOR	4	29
16611-63013-1	STARTER MOTOR	4	13
16614-2501-2	FLYWHEEL ASSEMBLY	4	29
16614-43003	SEDIMENTER	4	41
16615-64422	ALTERNATOR STAY	4	29
16616-1103-05	AIR FILTER CANISTER	4	13
16617-11002_M	AIR FILTER CANISTER (4 CYL.)	4	27
		4	29
1720852031 F PUMP	ELECTRIC FUEL PUMP	4	41
17456-36422	DIP STICK	4	29
19077-2092_RT02	HEADER TANK	4	15
		4	35
19630-64015	ALTERNATOR 60 A	4	13
		4	29
1G34772061_M	RADIATOR	4	11
		4	15
		4	17
1G900-01601	SUMP ASSEMBLY	4	13
1G900-25011	FLYWHEEL ASSEMBLY	4	13
1G900-36411	DIP STICK	4	13
3-4 BSP BLANKING PLUG	3/4" BSP BLANKING PLUG	7	19
34070-16031	RADIATOR CUSHION	4	15

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
34070-16031	RADIATOR CUSHION	4	33
		4	39
3J0167	ACCELERATOR SPRING	4	45
407038	HOUSING	4	27
LL10026	SPACER BOSS	3	15
LM1-100-43	SPUR GEAR RETAINING WASHER	7	5
LM1-204-01	HOSE ROLLER - 6 BERTH	2	5
		2	11
		2	15
LM1-210-12	RETAINING WASHER	2	31
LM1-218-03	SIDE SHIFT PIN W-A	2	31
LM1-300-01	SLEWING RING SPACER	1	27
LM1-300-03	SLEWING RING BEARING	1	27
LM1-300-04	SPUR GEAR DRIVER	7	5
LM1-500-12	SWITCH GUARD	3	13
LM1-503-00	CAB MOUNT BAR	3	5
LM1-504-00	CAB MOUNT WASHER	3	5
LM1-505-00	ARM REST/GUARD	3	11
LM2-100-00	CHASSIS	1	5
LM2-100-103	CHASSIS CORNER PLATES	1	9
LM2-100-98	TOP RADIATOR STRUT	4	15
		4	33
LM2-101-01	CAB EXTENSION STEP	1	9
LM2-101-07	LOADING PIN	1	9
LM2-101-14	CAB MOUNT CHASSIS COVER	1	5
LM2-101-15	TOP COOLANT HOSE	4	11
LM2-101-16	BOTTOM COOLANT HOSE	4	11
LM2-101-17	REAR LIGHT CABLE SHROUD	1	11
LM2-101-18	LH CHAIN HOOK	1	9
LM2-101-19	RH CHAIN HOOK	1	9
LM2-101-25	FUEL TANK UPPER MOUNT	4	39
LM2-101-33	BATTERY ISOLATOR BRACKET	1	7
LM2-101-34	BONNET STRUT BRACKET	1	7
LM2-101-38	DIESEL TANK GASKET	4	39
LM2-101-40	FAN SHROUD	4	17
LM2-101-49	1" BANJO HOUSING	6	7
		6	13

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
LM2-101-49	1" BANJO HOUSING	6	19
		6	25
LM2-101-51	ENGINE MOUNT SPACER	1	5
LM2-101-53	2-4 MM EDGE TRIM 400 MM LONG (YSEALSTRIP30)	1	5
LM2-101-54	2-4MM SEAL STRIP 2920 MM LONG (YSEALSTRIP25)	1	9
LM2-101-55	SELF ADHESIVE SEAL STRIP 525 MM LONG (YSEALSTRIP17)	1	9
LM2-101-56	SELF ADHESIVE SEAL STRIP 591 MM LONG (YSEALSTRIP17)	1	9
LM2-101-60	YLIGHT41 MOUNTING ADAPTER PLATE	1	19
LM2-103-06	RH RADIATOR STRUT	4	15
LM2-103-10	RH RADIATOR STRUT	4	33
LM2-103-20	RADIATOR MOUNTING FRAME	4	15
LM2-103-35	BATTERY RETAINER	1	7
LM2-103-38	RADIATOR SUPPORT BRACKET	4	33
LM2-103-39	RADIATOR SUPPORT FRAME	4	33
LM2-103-43	HEADER TANK BRACKET	4	35
LM2-103-47	COOLING FAN BOSS	4	35
LM2-103-50	TOP HOSE - 1505T - SHORT	4	31
LM2-103-51	BOTTOM HOSE - 1505T	4	31
LM2-103-57	4 CYL RADIATOR SHROUD	4	31
		4	33
		4	35
LM2-103-61	INTAKE TRUNKING 1505T E3B	4	27
LM2-103-66	RADIATOR MOUNT RAIL	4	15
LM2-104-03	THROTTLE CABLE MOUNT	4	9
		4	27
LM2-104-05	AIR FILTER MOUNT	4	27
LM2-106-01	AIR FILTER MOUNT	4	19
LM2-106-02	ENGINE INLET PIPING	4	7
LM2-108-01	FRONT RIGHT ENGINE MOUNT	4	7
LM2-110-01	REAR RIGHT ENGINE MOUNT	4	7
LM2-114-00	ENGINE MOUNT 1	4	7
		4	25
LM2-115-00	ENGINE MOUNT 2	4	7
		4	25
LM2-125-00	CHASSIS BONNET COMPLETE	1	5

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
LM2-125-00	CHASSIS BONNET	1	13
LM2-125-01	BONNET GRP	1	13
LM2-125-05	BONNET LIGHT MOUNT	1	13
		1	23
LM2-125-12	BONNET HINGE BRACKET	1	5
LM2-127-00	BONNET HINGE FRAME ASSEMBLY	1	5
LM2-128-01	BONNET LATCH AND HANDLE ASSEMBLY	1	13
LM2-130-00	RH BATTERY RETAINER HOOK	1	7
LM2-131-00	LH BATTERY RETAINER HOOK	1	7
LM2-200-13	LONG LINK PIN CAP	2	33
LM2-200-18	MAST FIXING BOSS	2	7
		2	13
		2	17
LM2-200-19	MAST FIXING BOSS CAP	2	7
		2	13
		2	17
LM2-200-20	HOSE ROLLER - 2 BERTH	2	21
		2	25
LM2-200-22	KEEPER PLATE – CARRIAGE ROLLERS	2	31
LM2-200-23	REACH FORKS FLOW SPLITTER MANIFOLD	2	43
LM2-206-00	TILT FRAME	2	31
LM2-209-00	X-TUBE PANTOGRAPH PIVOT	2	33
LM2-209-01	SPACER – PANTO BEARING	2	33
LM2-209-02	SPINDLE – PANTO PIVOT	2	33
LM2-209-04	ISR PIVOT WASHER	2	33
LM2-210-03	TILT CYLINDER	2	33
LM2-210-04	REACH CYLINDER	2	35
LM2-210-05	2.6 M LIFT CYLINDER	2	7
LM2-210-06	3.1 M LIFT CYLINDER	2	13
LM2-210-07	3.6 M LIFT CYLINDER	2	17
LM2-210-09	SIDE SHIFT CYLINDER	2	31
LM2-210-12	FORK POSITION CYLINDER	2	49
LM2-210-35	STABILISER CYLINDER	1	31
		1	33
		1	37
LM2-210-35	STABILISER CYLINDER	1	39
		1	45



## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
LM2-210-35	STABILISER CYLINDER	1	49
LM2-210-37	LH MULTIDIRECTIONAL STEER CYLINDER	1	47
LM2-210-38	RH MULTIDIRECTIONAL STEER CYLINDER	1	43
LM2-211-00	LOWER SHORT LINK PIN WA	2	29
LM2-212-00	PIN ASSEMBLY	2	33
LM2-214-00	STANDARD CHAIN ROLLER PIN	2	9
LM2-214-04	AUXILIARY CHAIN ROLLER PIN	2	21
		2	25
LM2-215-00	PIN ASSEMBLY	2	31
LM2-216-03	FORK CARRIAGE PIVOT PIN	2	35
LM2-216-03	FORK CARRIAGE ASSEMBLY PIVOT PIN	2	47
LM2-216-04	CARRIAGE PIN END CAP	2	35
		2	47
LM2-218-03	HOSE CLAMP - 6 BERTH	2	7
		2	13
		2	17
		2	29
LM2-218-05	HOSE CLAMP - 2 BERTH	2	21
LM2-218-10	HOSE CLAMP - 1 BERTH	2	25
		2	39
LM2-218-13	HOSE CLAMP - 8 BERTH ANGLED	2	7
		2	13
		2	17
LM2-218-20	HOSE CLAMP - 8 BERTH STRAIGHT	2	7
		2	13
		2	17
LM2-222-00	FORK CARRIAGE ASSEMBLY	2	47
LM2-223-00	LONG IR ARM	2	29
LM2-224-00	IR SHORT LINK WA	2	33
LM2-225-02	CHAIN ROLLER - FORK POSITIONING	2	47
LM2-225-05	GRIPPER PLATE - FORK POSITIONING	2	47
LM2-225-07	SPACER - FP IDLER	2	47
LM2-225-09	RH CHAIN ADJUSTER SCREW	2	47
LM2-225-10	LH CHAIN ADJUSTER SCREW	2	47
LM2-226-00	RH FORK POSITION MOUNTING PLATE	2	47
LM2-226-05	FORK POSITIONING CHAIN ANCHOR	2	47
LM2-227-00	LH FORK POSITIONING MOUNTING PLATE	2	47

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
LM2-237-00	STAGE 2 MAST 3-6 M	2	15
LM2-237-00	STAGE 1 MAST - 3.6 M	2	17
LM2-240-19	CYLINDER CLAMP LATCH	2	7
		2	13
		2	17
LM2-246-00	STAGE 2 MAST 3-1 M	2	11
LM2-246-00	STAGE 1 MAST - 3.1 M	2	13
LM2-25-00	STANDARD FORK CARRIAGE ASSEMBLY	2	35
LM2-251-00	3RD STAGE MAST	2	29
LM2-256-00	STAGE 2 MAST 2.6 M	2	5
LM2-261-00	STAGE 1 MAST - 2.6 M	2	7
LM2-300-11	SLEWING RING BEARING	1	27
LM2-300-20	9-12 MM EDGE TRIM 100 MM LONG	1	27
LM2-302-00	REAR WHEEL STEER ARM	1	27
LM2-416-00	STABILISER LEG	1	31
		1	33
		1	37
		1	39
		1	45
		1	49
LM2-416-03	STABILISER FOOT	1	31
		1	33
		1	37
		1	39
		1	45
		1	49
LM2-417-00	FRONT LH 23" WHEEL PLATE	1	33
LM2-417-18	9-12 MM EDGE TRIM 220 MM LONG	1	31
		1	33
		1	37
		1	39
LM2-417-20	FRONT LH 27" WHEEL PLATE	1	37
LM2-418-00	FRONT RH 23" WHEEL PLATE	1	31
LM2-418-15	FRONT STANDARD WHEEL PLATE COVER	1	31
		1	33
		1	37
		1	39

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
LM2-418-20	FRONT RH 27" WHEEL PLATE	1	39
LM2-440-00	LH BEARING ARM WHEEL PLATE	1	47
LM2-440-09	RH LOAD REST CHANNEL	1	43
LM2-44-01	TOP STABILISER PIN	1	31
		1	33
		1	37
		1	39
		1	45
		1	49
LM2-440-13	LH LOAD REST CHANNEL	1	47
LM2-440-15	225 WOODEN LOAD REST	1	43
		1	47
LM2-440-16	15-17 MM EDGE TRIM 216 MM LONG	1	45
		1	47
LM2-44-02	LOWER STABILISER PIN	1	31
		1	33
		1	37
		1	39
		1	45
		1	49
LM2-44-03	BEARING HOUSING CAP	1	43
		1	47
LM2-44-07	TAPER BEARING SET RETAINING WASHER	1	43
		1	47
LM2-441-00	RH BEARING ARM WHEEL PLATE	1	43
LM2-442-00	LH 23" MULTI-DIRECTIONAL WHEEL PLATE	1	49
LM2-443-00	RH 23" MULTI-DIRECTIONAL WHEEL PLATE	1	45
LM2-446-00	LH LINK ARM	1	47
LM2-447-00	RH LINK ARM	1	43
LM2-448-00	LONG LINK ARM PIN	1	45
		1	47
LM2-449-00	SHORT LINK ARM PIN	1	45
		1	49
LM2-500-02	ACCELERATOR PEDAL	4	45
LM2-500-03	PEDAL SHAFT	4	45
LM2-500-07	FUEL FILLER COVER	3	17
LM2-500-12	SEAT BOX COVER	3	9

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
LM2-500-13	SEAT TILT PLATE	3	9
		3	33
LM2-500-33	REAR LEVER LINKAGE	3	15
LM2-500-40	PLASTIC ROOF REAR	3	11
LM2-500-41	PLASTIC ROOF FRONT	3	11
LM2-500-46	THROTTLE RELAY PLATE	4	45
LM2-500-50	THROTTLE REPLAY	4	45
LM2-500-54	HINGE PLATE	3	15
LM2-500-56	M12 CAB SAFETY WASHER	3	5
LM2-500-59	DIVERTER VALVE SPACER	7	11
LM2-500-60	REAR LEVER COVER	3	15
LM2-500-61	THROTTLE LINKAGE	4	45
LM2-500-68	TILT LEVER LINK	3	15
LM2-500-69	LIFT/REACH LEVER LINK	3	15
LM2-500-72	2-4 MM EDGE TRIM 50MM LONG	3	15
LM2-500-90	LEVER BANK SUPPORT	3	7
LM2-501-21	LOWER CAB HOSE RETAINER	3	5
LM2-503-00	CAB SHELF ASSEMBLY	3	7
LM2-505-00	CRASH BAR	3	11
LM2-506-04	FRONT CAB PANEL	3	7
LM2-510-00	SAFETY MESH AND SWITCH BOARD	3	13
LM2-510-06	SWITCH ACCESS PANEL	3	13
LM2-511-00	LOWER CAB	3	5
LM2-512-00	UPPER CAB	3	11
LM2-514-00	SCUTTLE PANEL	3	7
LM2-520-00	SEAT BUCKLE PIVOT MOUNT	3	15
		3	17
LM2-520-03	SEAT BELT REEL MOUNT	3	17
LM2-540-01	MULTI-DIRECTIONAL FRONT WORK LIGHT BRACKET	3	25
		3	29
LM2-540-02	MULTI-DIRECTIONAL REAR WORK LIGHT BRACKET	3	25
		3	29
LM2-600-01	THROTTLE CABLE	4	45
LM2-600-02	TANK BRACE	4	39
LM2-600-03	YBLOCK6 MOUNT	7	19
LM2-600-04	14 MM FUEL HOSE 1407 MM LONG	4	39

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
LM2-600-04	14 MM FUEL HOSE 1407 MM LONG	4	41
LM2-600-05	14 MM FUEL HOSE 60 MM LONG	4	41
LM2-600-06	14 MM FUEL HOSE 167 MM LONG	4	41
LM2-600-07	14 MM FUEL HOSE 570 MM LONG	4	7
LM2-600-08	14 MM FUEL HOSE 1828 MM LONG	4	7
LM2-600-09	14 MM FUEL HOSE 652 MM LONG	4	25
LM2-600-10	14 MM FUEL HOSE 1873 MM LONG	4	25
LM2-601-00	HYDRAULIC OIL TANK	5	5
LM2-601-12	GASKET - HYDRAULIC OIL TANK	5	5
LM2-601-20	HYDRAULIC TANK BULKHEAD	5	5
LM2-602-00	FUEL TANK	4	39
LM2-602-13	DIESEL TANK SUPPORT	4	39
LM2-603-00	FUEL FILLER BULKHEAD	4	39
LM2-604-00	KUBOTA V1505 T E3B ENGINE	4	27
LM2-605-37	D1305 EXHAUST DOWNPIPE	4	9
LM2-605-38	V1505T EXHAUST DOWNPIPE	4	27
LM2-605-39	EXHAUST SILENCER	4	9
LM2-605-39	EXHAUST SILENCER	4	27
LM2-606-03	6 PORT COMBI MANIFOLD	5	7
LM2-606-04	YBLOCK 5 MOUNT	7	19
LM2-606-05	HARD RIDE VALVE MOUNT	7	23
LM2-607-00	COMBI RADIATOR	4	31
LM2-607-01	THERMAL SWITCH HOUSING	4	11
LM2-810-12	POSITIVE BATTERY LEAD:	1	7
LM2-810-14	NEGATIVE BATTERY LEAD	1	7
OILP_1G90200000	OIL SUMP ASSEMBLY	4	29
REAR_1G90200000	FLYWHEEL MOUNTING BRACKET	4	29
TURNBUCKLE ASSY	TURN BUCKLE TENSIONER	2	47
WASHER, NYLON,	WASHER, NYLON, WHITE	3	11
WFLG_1G90200000	WATER FLANGE AND THERMOSTAT	4	29
XB08070Z	M8X70 HEX HEAD BOLT 8.8	3	15
		7	5
		7	11
		7	15
XB08070Z	M8X70 HEX HEAD BOLT 8.8	7	23
XB12110Z	M12X110 HEX HEAD SCREW 8.8	1	31
		1	33

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XB12110Z	M12X110 HEX HEAD SCREW 8.8	1	37
		1	39
		1	45
		1	49
XB16140Z	M16X140 HEX HEAD BOLT 10.9	1	31
		1	33
		1	37
		1	39
XB16150Z	M16X150 HEX HEAD BOLT 10.9	3	11
		1	31
		1	33
		1	37
		1	39
		1	43
XBUT05016SKTZB	M5X16 BUTTON HEAD SCREW 8.8	1	47
		3	9
		3	11
		3	13
		3	15
XBUT05025SKTZB	M5X25 BUTTON HEAD SCREW 8.8	3	33
		1	19
		1	11
		3	5
XBUT06020SKTZB	M6X20 BUTTON HEAD SCREW 8.8	3	13
XBUT06025SKTZB	M6X25 BUTTON HEAD SCREW 8.8	1	7
XBUT08012SKTZB	M8X12 BUTTON HEAD SCREW 8.8	4	19
XBUT08016SKTZB	M8X16 BUTTON HEAD SCREW 8.8	4	17
		4	33
XBUT08020SKTZB	M8X20 BUTTON HEAD SCREW 8.8	1	9
		3	7
		3	9
		3	13
		3	17
XBUT08020SKTZB	M8X20 BUTTON HEAD SCREW 8.8	4	15
		4	33
XBUT08025SKTZB	M8X25 BUTTON HEAD SCREW 8.8	7	11
		1	9

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XBUT08030SKTZB	M8X30 BUTTON HEAD SCREW 8.8	7	7
XBUT10025SKTZB	M10X25 BUTTON HEAD SCREW 8.8	3	7
XBUT10030SKTZB	M10X30 BUTTON HEAD SCREW 8.8	5	5
XBUT10040SKTZB	M10X40 BUTTON HEAD SCREW 8.8	7	7
		7	27
XBUT12100SKTZB	M12X100 BUTTON HEAD SCREW 8.8	3	5
XBUT12100SKTZB	M12X80 BUTTON HEAD SCREW 8.8	3	11
XCSK08020SKTZB	M8X20 COUNTERSUNK SCREW 8.8	7	5
XCSK10040SKTZ	M10X40 COUNTERSUNK BOLT	1	27
XG06010Z	M6X10 GRUB SCREW	4	35
XG08025Z	M8X25 STEEL GRUB SCREW	2	5
		2	7
		2	11
		2	13
		2	15
		2	17
		2	29
XN04N	M4 NYLOC NUT	4	39
XN05N	M5 NYLOC NUT	3	9
		3	11
		3	33
XN06HC	M6X12 HEX NUTSERT CLOSED	4	39
XN06N	M6 NYLOC NUT	1	7
		1	11
		2	7
		2	13
		2	17
		2	29
		3	7
		3	13
		3	15
		3	17
		3	33
		4	17
		4	45
		6	7
		6	11

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XN06N	M6 NYLOC NUT	7	19
XN06Z	M6 PLAIN NUT	1	27
XN08HZB	M8 HALF NUT	2	29
XN08N	M8 NYLOC NUT	1	5
		1	7
		1	13
		1	23
		1	43
		1	47
		2	43
		3	7
		3	11
		3	13
		3	15
		3	17
		3	25
		3	29
		4	9
		4	15
		4	33
		4	39
		4	41
		4	45
		7	5
		7	7
		7	11
		7	19
		7	23
XN08WINGZ	M8 WING NUT	1	7
XN08Z	M8 PLAIN NUT	3	15
		3	25
		3	29
		4	45
XN10HZ	M10 PLAIN NUT	1	43
		1	49
XN10N	M10 NYLOC NUT	1	9
		1	27



## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XN10N	M10 NYLOC NUT	1	43
		1	47
		2	7
		2	9
		2	13
		2	17
		2	29
		2	31
		2	35
		3	7
		3	9
		3	15
		3	17
		4	9
		4	35
		5	5
		6	5
		6	13
		6	17
		6	23
4	9		
4	27		
XN12N	M12 NYLOC NUT	1	5
		1	31
		1	33
		1	37
		1	39
		1	45
		1	49
		2	47
		2	49
		3	5
		3	11
		4	15
		4	33
7	5		
XN12Z	M12 PLAIN NUT	2	47

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XN12ZLH	M12 PLAIN NUT LH THREAD	2	47
XN14N	M14 NYLOC NUT	1	27
		1	31
		1	33
		1	37
		1	39
XN16N	M16 NYLOC NUT	2	7
		2	13
		2	17
		2	49
XN20HZB	... PART OF YCHAINPINKIT1	2	5
		2	11
		2	15
XN20N	M20 NYLOC NUT	1	43
		1	47
		2	7
		2	13
		2	17
XN20Z	... PART OF YCHAINPINKIT1	2	5
		2	11
		2	15
XN24NF	M24 FINE NYLOC NUT	1	13
		2	33
XNC6HC	M6X10 CLOSED HEX NUTSERT	5	5
XNS05	M5 ROUND OPEN NUTSERT	3	11
		3	15
XNS05H	M5X6 SEMI HEX OPEN NUTSERT	1	19
XNS06	M6 ROUND OPEN NUTSERT	3	9
		4	35
XNS08	M8 ROUND OPEN NUTSERT	1	5
		3	7
		3	17
XNS08H	M8X10 SEMI HEX OPEN NUTSERT	1	15
		1	19
XR04010	3X10 POP RIVET	3	17
XS06016Z	M6X16 HEX HEAD SCREW 8.8	1	7
		1	11

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XS06016Z	M6X16 HEX HEAD SCREW 8.8	1	31
		1	33
		1	37
		1	39
		1	43
		1	47
		2	31
		7	23
XS06020Z	M6X20 HEX HEAD SCREW 8.8	1	7
		1	19
		3	17
		3	33
		4	35
		4	39
XS06020Z	M6X20 HEX HEAD SCREW 8.8	5	5
		2	7
		2	13
		2	17
		3	33
XS06050Z	M6X50 HEX HEAD SCREW 8.8	3	15
XS06060Z	M6X60 HEX HEAD SCREW 8.8	2	29
		6	7
		6	11
		7	19
XS08016Z	M8X16 HEX HEAD SCREW 8.8	1	5
		1	7
		3	7
		3	11
		4	15
		4	41
XS08020Z	M8X20 HEX HEAD SCREW 8.8	1	5
		1	7
		2	7
		2	13
		2	17
		2	29
		2	33

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XS08020Z	M8X20 HEX HEAD SCREW 8.8	3	7
		3	25
		3	29
		4	15
		4	15
		4	19
		4	27
		4	33
		4	39
		4	45
		7	19
		XS08025Z	M8X25 HEX HEAD SCREW 8.8
1	7		
1	13		
1	15		
1	23		
2	7		
2	13		
2	17		
2	21		
2	25		
2	33		
2	39		
2	43		
4	27		
XS08030Z	M8X30 HEX HEAD SCREW 8.8	7	15
		1	9
		1	13
		4	9
		4	39
XS08035Z	M8X35 HEX HEAD SCREW 8.8	1	43
		1	47
		4	41
XS08050Z	M8X50 HEX HEAD SCREW 8.8	1	9
		2	29
XS10025Z	M10X25 HEX HEAD SCREW 8.8	1	45
		1	47

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page		
XS10025Z	M10X25 HEX HEAD SCREW 8.8	3	15		
		3	17		
XS10025ZFINE	M10X25 HEX HEAD SCREW 8.8	4	7		
		4	9		
		4	25		
		4	27		
		4	27		
XS10030Z	M10X30 HEX HEAD SCREW 8.8	2	7		
		2	13		
		2	17		
		3	7		
		3	9		
		4	9		
		5	5		
		6	5		
		6	13		
		6	17		
		6	23		
		XS10035Z	M10X35 HEX HEAD SCREW 8.8	1	43
				1	47
XS10040Z	M10X40 HEX HEAD SCREW 8.8	4	9		
		1	27		
		1	43		
		1	49		
		2	9		
		2	29		
		2	31		
		4	27		
		4	35		
		6	5		
		6	11		
		6	17		
		6	23		
XS10050Z	M10X50 HEX HEAD SCREW 8.8	1	27		
		2	35		
XS10070Z	M10X70 HEX HEAD SCREW 8.8	2	31		
		4	9		
		4	27		

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XS12030Z	M12X30 HEX HEAD SCREW 8.8	3	5
		3	11
		4	15
		4	33
XS12040Z	M12X40 HEX HEAD SCREW 8.8	3	11
XS12050Z	M12X50 HEX HEAD SCREW 8.8	2	49
		3	11
		4	7
		4	25
XS12060Z	M12X60 HEX HEAD SCREW 8.8	7	5
XS12080Z	M12x80 HEX HEAD BOLT 8.8	2	47
XS16035Z	M16x35 HEX HEAD SETSCREW 8.8	2	47
XS16040Z	M16X40 HEX HEAD SCREW 8.8	2	35
		2	47
		3	5
XS16045Z	M16X45 HEX HEAD SCREW 8.8	2	31
XS16085Z	M16X85 HEX HEAD SCREW 8.8	2	7
		2	13
		2	17
XS20040Z	M20X40 HEX HEAD SCREW 8.8	1	43
		1	47
XSC08060Z	M8X60 CAP HEAD SCREW 8.8	4	9
		4	27
XSC10030Z	M10X30 CAP HEAD SCREW 8.8	4	9
		4	27
XSC10060Z	M10X60 CAP HEAD SCREW 8.8	4	9
		4	27
XSC12030Z	M12X30 CAP HEAD SCREW	2	33
XSC14035Z	M14X35 CAP HEAD SCREW 8.8	1	45
		1	49
		6	7
		6	13
		6	19
		6	25
XSC14050Z	M14X50 CAP HEAD SCREW 10.9	1	27
		1	31
		1	33

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XSC14050Z	M14X50 CAP HEAD SCREW 10.9	1	37
		1	39
XSK10030SKTZ	M10X30 COUNTERSINK SCREW 8.8	1	45
		1	49
		2	47
		2	47
XSP02032Z	... PART OF YCHAINKIT3	2	5
XSP02032Z	... PART OF YCHAINKIT1	2	11
XSP02032Z	... PART OF YCHAINKIT2	2	15
XSP02032Z	SPLIT PIN	4	45
XW04AZ	M4 FORM A WASHER	4	39
XW05AZ	M5 FORM A WASHER	1	19
		3	11
		3	13
		3	15
		3	33
		3	11
		3	9
		3	33
		3	33
		3	33
XW05CZB	M5 FORM C WASHER	3	11
XW05GZ	M5 FORM G WASHER	3	9
		3	33
XW05SZ	M5 SPRING WASHER	1	19
XW05SZB	M5 SPRING WASHER	3	13
XW06AZ	M6 FORM A WASHER	1	7
		1	11
		1	31
		1	33
		1	37
		1	39
		1	43
		1	47
		2	7
		2	13
		2	17
		2	29
		3	5
		3	7
		3	13
		3	15
3	17		

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XW06AZ	M6 FORM A WASHER	3	33
		4	17
		4	35
		4	39
		4	45
		5	5
		6	7
		6	11
		7	19
		7	23
		1	43
		1	47
		2	31
		3	5
		3	13
		4	35
		4	39
XW08AZ	M8 FORM A WASHER	5	5
		7	23
		1	5
		1	7
		1	13
		1	15
		1	19
		1	23
		1	43
		1	47
		2	7
		2	13
		2	17
		2	21
		2	25
		2	29
		2	33
2	39		
2	43		
3	7		



## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XW08AZ	M8 FORM A WASHER	3	9
		3	11
		3	13
		3	15
		3	17
		3	25
		3	29
		4	9
		4	15
		4	17
		4	27
		4	33
		4	39
		4	41
		4	45
		7	5
		7	7
7	11		
7	15		
7	19		
7	23		
XW08CZB	M8 FORM C WASHER	1	5
		4	19
XW08GZ	M8 FORM G WASHER	1	7
		3	7
		3	9
XW08SZ	M8 SPRING WASHER	1	5
		1	7
		1	9
		1	13
		1	15
		1	19
		1	23
		2	7
		2	13
		2	17
		2	21

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XW08SZ	M8 SPRING WASHER	2	25
		2	29
		2	33
		2	39
		3	7
		3	9
		3	11
		3	13
		3	25
		3	29
		4	15
		4	15
		4	27
		4	33
		4	39
		4	41
		7	7
		7	11
		7	15
XW10AZ	M10 FORM A WASHER	7	19
		1	27
		1	43
		1	47
		2	7
		2	9
		2	13
		2	17
		2	29
		2	31
		3	7
		3	15
		3	17
		4	7
		4	9
		4	9
		4	25
4	27		

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page		
XW10AZ	M10 FORM A WASHER	4	35		
		5	5		
		6	5		
		6	11		
		6	13		
		6	17		
		6	23		
		7	7		
		7	27		
		XW10STAR	M10 STAR WASHER	4	39
				1	27
		XW10SZ	M10 SPRING WASHER	1	27
				1	45
1	47				
3	7				
4	7				
4	9				
4	25				
4	27				
5	5				
6	5				
6	11				
6	17				
6	23				
7	7				
7	27				
XW12AZ	M12 FORM A WASHER	1	5		
		1	31		
		1	33		
		1	37		
		1	39		
		1	45		
		1	49		
		2	47		
		2	49		
		3	5		
		3	11		
		4	7		

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
XW12AZ	M12 FORM A WASHER	4	15
		4	25
		4	33
		7	5
XW12SZ	M12 SPRING WASHER	3	5
		3	11
		4	7
		4	25
XW14AZ	M14 FORM A WASHER	1	27
XW14SZ	M14 SPRING WASHER	6	7
		6	13
		6	19
		6	25
XW16AZ	M16 FORM A WASHER	1	31
		1	33
		1	37
		1	39
		1	43
		1	47
		2	7
		2	13
		2	17
		2	35
		2	47
		2	49
		XW16SZ	M16 SPRING WASHER
3	11		
1	31		
1	33		
1	37		
1	39		
2	31		
XW16SZ	M16 SPRING WASHER	2	35
		2	47
		3	5
		3	11
XW20AZ	M20 FORM A WASHER	1	31

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page		
XW20AZ	M20 FORM A WASHER	1	33		
		1	37		
		1	39		
		1	43		
		1	47		
		2	7		
		2	13		
		2	17		
		XW24AZ	M24 FORM A WASHER	1	45
				1	49
2	5				
2	11				
2	15				
YBALLJOINT2	M8 BALL JOINT	4	45		
YBATTERY3	12 V 72 AH BATTERY	1	7		
YBEACON10	COMBO BEACON	3	25		
		3	29		
YBEACON6	LIGHT BEACON	3	11		
YBEARING18	48 MM SEALED ROLLER BEARING	2	5		
		2	11		
		2	15		
		2	21		
		2	25		
		YBEARING19ROLLER	ROLLER YBEARING	2	31
		YBEARING21	YBEARING21	2	33
YBEARING23	MAST 78 MM 1 DEG TAPPER BEARING SET	2	7		
		2	13		
		2	17		
		2	29		
YBEARING32	TAPER ROLLER BEARING 33112	1	43		
		1	49		
YBEARING33	TAPER ROLLER BEARING 33210	1	43		
		1	47		
YBEARING7	MAST 77.7 MM PARALLEL BEARING SET	2	5		
		2	11		
		2	15		
		2	29		

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
YBEEP1	REVERSING BEEPER	1	7
YBLOCK2	HYDRAULIC DIFFERENTIAL LOCK MANIFOLD STANDARD	6	5
		6	17
YBLOCK4	HYDRAULIC DIFFERENTIAL LOCK MANIFOLD MULTI-DIRECTIONAL	6	11
		6	23
YBLOCK5	4-WAY HYDRAULIC BLOCK	7	19
YBLOCK5_SOLINOID_VA LVE	SOLENOID VALVE	7	19
YBLOCK6	LINE BODY - SOLENOID VALVE	7	19
YBOX2	LIGHT JUNCTION BOX	1	11
YBUFFER1	SMALL BUFFER STOP	3	9
		3	11
		3	33
YBUFFER4	RUBBER BUFFER	2	29
YBUSH12	DX BUSH 40X40	2	29
		2	33
		2	35
		2	47
YBUSH15	NYLON BUSH	4	45
YBUSH20	OILITE BUSH	2	47
YCHAIN2_OUTER_LINKS	... PART OF YCHAINKIT3	2	5
YCHAIN2_OUTER_LINKS	... PART OF YCHAINKIT1	2	11
YCHAIN2_OUTER_LINKS	... PART OF YCHAINKIT2	2	15
YCHAIN8	3/4" ROLLER CHAIN SET (FORK POSITIONER)	2	47
YCHAIN9	3/4" ROLLER CHAIN SPLIT LINK	2	47
YCHAINBOLT1	... PART OF YCHAINPINKIT1	2	5
		2	11
		2	15
YCHAINKIT1	3.1 M MAST CHAIN KIT	2	11
YCHAINKIT2	3.6 M MAST CHAIN KIT	2	15
YCHAINKIT3	2.6 M MAST CHAIN KIT	2	5
YCHAINPIN1	...PART OF YCHAINKIT3	2	5
YCHAINPIN1	... PART OF YCHAINKIT1	2	11
YCHAINPIN1	... PART OF YCHAINKIT2	2	15
YCHAINPIN2	... PART OF YCHAINKIT3	2	5
YCHAINPIN2	... PART OF YCHAINKIT1	2	11

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
YCHAINPIN2	... PART OF YCHAINKIT2	2	15
YCHAINPINKIT1	CHAIN PIN KIT	2	5
		2	11
		2	15
YCIRCLIP10	40 MM SHAFT EXTERNAL CIRCLIP	2	5
		2	11
		2	15
YCIRCLIP20	20 MM SHAFT EXTERNAL CIRCLIP	1	31
		1	33
		1	37
		1	39
		1	45
		1	49
YCIRCLIP5	25 MM SHAFT EXTERNAL CIRCLIP	2	5
		2	11
		2	15
YCLAMP4	CLAMP – MAST HOSES	2	33
YCLEVIS3	CLEVIS ASSEMBLY	3	15
YCLIP16	12-20 MM CLIP	4	7
		4	25
		4	39
		4	41
YCLIP35	31-48 MM CLIP	4	11
		4	27
		4	31
YCOMBO1	COMBO GAUGE	3	13
YCOUPLING2-ADAPTOR RING	COUPLING ADAPTER RING	4	9
		4	27
YCOUPLING2-HOUSING	COUPLING HOUSING	4	9
YDOCHOLD4	DOCUMENT HOLDER	3	9
YFAN1	ELECTRIC FAN	4	17
YFILLER1_CAP	HYDRAULIC OIL TANK CAP	5	5
YFILLER1_FILTER	HYDRAULIC OIL TANK FILLER FILTER	5	5
YFILLER5	NON-LOCKING FUEL CAP	4	39
YFILLER7	IN LINE FILLER	4	31
YFILTER1	HYDRAULIC COMBINATION FILTER	5	5
YFILTER8	HYDRAULIC OIL SUCTION STRAINER	5	5

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
YFORK4	CLASS 2A FORK 1200x50X100	2	35
YFORK5	CLASS 2B FORK 1200x50X100	2	35
YFORK6	CLASS 2A REACH FORK	2	43
YFUSE8	40 A FUSE WITH HOLDER	1	7
YFUSEBOX1	11 WAY BLADE FUSE BOX	3	7
YGASTRUT31	250N 155.5 MM GAS STRUT	3	11
YGASTRUT35	500N 325 MM GAS STRUT	3	17
YGASTRUT9	BONNET LOCKING GAS STRUT	1	7
YGN0600	M6 STRAIGHT GREASE NIPPLE	1	43
		1	49
		2	5
		2	9
		2	11
		2	15
		2	29
		2	31
		2	35
YGN0690	M6 90° GREASE NIPPLE	1	27
YGR1110	GROMMET	1	9
		1	15
		1	17
YGR210	10 MM BLANKING GROMMET	1	17
YGR219	18 MM BLANKING GROMMET	1	17
YGR231.8	31.8 MM CLOSED GROMMET	3	13
YGROMMET20	20 MM OPEN GROMMET	3	7
YHA1BB	1" BANJO BOLT	5	7
YHANDLE22	BONNET HANDLE	1	13
YHORN1	HORN BUZZER	1	5
YHS1D	1" DOWTY WASHER	5	7
YISO1	BATTERY ISOLATOR SWITCH	1	7
YKEY1	IGNITION SWITCH	3	9
YKNOB1	25 MM LEVER KNOB	3	15
YLABEL2	SERIAL PLATE	3	17
YLATCH12	BONNET LATCH	1	7
YLEVER1	5-WAY LEVER BANK	7	5
		7	11
		7	15



## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
YLEVER5	LEVER 164 MM LONG WITH MICRO SWITCH	7	11
		7	15
YLEVER6	LEVER 164 MM LONG	7	5
		7	11
		7	15
YLEVGAUGE1	OIL LEVEL GAUGE	5	5
YLIGHT22	HALOGEN WORK LIGHT	1	13
		3	7
		3	11
		3	25
YLIGHT24	LED AMBER SIDE MARKER	1	9
YLIGHT27	LH HALOGEN INDICATOR AND SIDE LIGHT CLUSTER	3	7
YLIGHT28	RH HALOGEN INDICATOR AND SIDE LIGHT CLUSTER	1	13
		1	23
YLIGHT29	HALOGEN PUSH FIT NUMBER PLATE LIGHT	1	17
YLIGHT31	LED AMBER INDICATOR LIGHT	1	15
		1	17
YLIGHT32	LED RED FOG LIGHT	1	15
		1	17
YLIGHT33	LED RED STOP/TAIL-LIGHT	1	15
		1	17
		1	21
YLIGHT34	LED WHITE REVERSE LAMP	1	15
		1	17
		1	21
YLIGHT40	SINGLE RED LED WITH GROMMET	1	19
		1	23
		3	37
YLIGHT41	LED BOLT ON NUMBER PLATE LIGHT	1	19
YLIGHT43	LED WORK LIGHT	1	13
		1	23
		3	21
		3	29
YMOTOR10	FRONT MOTOR – 255 CC/REV - MS02	1	31
		1	33

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
YMOTOR10	FRONT MOTOR – 255 CC/REV - MS02	1	45
		1	49
YMOTOR11	14 CC GEAR MOTOR	4	35
YMOTOR3	REAR STEERING MOTOR	7	5
YMOTOR4	FRONT MOTOR – 364 CC/REV - MS02	1	37
		1	39
YMOTOR7	REAR BRAKED MOTOR – 500 CC/REV - MSE03	1	27
YMOUNT6	RUBBER ENGINE MOUNT	1	5
YMOUNT7	RUBBER CAB MOUNT	3	5
YNIPADAPTER3	SWIVEL GREASE NIPPLE ADAPTER	1	27
YPAD1	NYLON WEAR PAD	1	31
		1	33
		1	37
		1	39
		1	45
		1	49
		1	49
YPCLIP1	P CLIP	2	33
YPCLIP13	13 MM P CLIP	2	7
		2	13
		2	17
		4	39
		4	45
		4	45
YPCT12	TWIN HOSE CLAMP – 12 MM HOSE	2	29
YPEDAL1	FORWARD/REVERSE PEDAL	6	5
		6	13
		6	17
		6	23
YPLHOLD1	UK NUMBER PLATE HOLDER	1	15
YPUMP1	46 CC/REV HYDROSTATIC TRANSMISSION PUMP	6	19
		6	25
YPUMP3	14 CC GEAR PUMP	7	27
YPUMP4	11 CC GEAR PUMP	7	7
YPUMP8	34.2 CC/REV HYDROSTATIC TRANSMISSION PUMP WITH ANTI-STALL	6	7
		6	13
YRADCAP1	RADIATOR CAP	4	31

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
YREFLEC1	REFLECTOR STRIP	1	9
YREFLEC2	RED TRIANGLE REFLECTOR	1	9
YROLLER1	MAST CHAIN ROLLER BEARING	2	5
		2	9
		2	11
		2	15
YSEAT2	SEAT	3	33
YSEAT5	COMFORT SEAT WITHOUT SEAT BELT	3	17
YSEATBELT2	ORANGE SEAT BELT	3	15
YSEATBELT3	ORANGE SEAT BELT WITH INTERLOCK	3	15
YSENDER1	DIESEL SENDER UNIT	4	39
YSTEER1	STEERING COLUMN	3	7
YSTEER5	300 MM STEERING WHEEL	3	7
YSTEERPUMP1	STEERING PUMP	7	5
YSTRAINER1	DIESEL STRAINER	4	39
YSTRAINERCAP1	DIESEL STRAINER CAP	4	39
YSTRIKE1	BONNET STRIKER PIN	1	13
YSUZI1	SUZI SOCKET	1	5
YSWITCH47	DIFF LOCK AND LIGHT SWITCH	3	13
		3	25
		3	29
YSWITCH48	HORN SWITCH	3	13
YSWITCH50	SWITCH BLANK	3	13
YSWITCH52	DIFF, MULTI-DIRECTION, AND PARK SWITCH	3	13
YSWITCH53	INDICATOR SWITCH	3	13
YSWITCH54	HYDRAULIC PRESSURE SWITCH	6	7
		6	13
		6	19
		6	25
YSWITCH62	THERMAL SWITCH RADIATOR FAN	4	11
YVALVE11	6 PORT 2 POSITION DIVERTER VALVE	7	15
YVALVE12	3 PORT 2 POSITION DIVERTER VALVE	7	15
YVALVE16	CONTROL VALVE	6	7
		6	11
YVALVE3	DOUBLE OVER CENTRE VALVE	7	23
YVALVE4	CROSS-OVER VALVE	7	11
YVALVE5	PRIORITY VALVE	7	7

## INDEX OF PART NUMBERS

Part Number	Description	Chap	Page
YWHEEL11	27"x10-12 COMPLETE WHEEL LH	1	27
		1	37
YWHEEL22	27"x10-12 COMPLETE WHEEL RH	1	39
YWHEEL7	23X9-10 COMPLETE WHEEL LH	1	49
YWHEEL8	23X9-10 COMPLETE WHEEL RH	1	31
		1	45
YWHLNUT1	M14 FLANGED WHEEL NUT	1	27
		1	31
		1	37
		1	39
		1	45
		1	49
YWIPSEAL2	WIPER SEAL	2	35

## CHAPTER 9

# INDEX OF PART DESCRIPTIONS

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## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
... PART OF YCHAINKIT1	YCHAIN2_OUTER_LINKS	2	11
... PART OF YCHAINKIT2	YCHAIN2_OUTER_LINKS	2	15
... PART OF YCHAINKIT3	YCHAIN2_OUTER_LINKS	2	5
... PART OF YCHAINKIT1	XSP02032Z	2	11
... PART OF YCHAINKIT2	XSP02032Z	2	15
... PART OF YCHAINKIT3	XSP02032Z	2	5
... PART OF YCHAINPINKIT1	YCHAINBOLT1	2	5
... PART OF YCHAINPINKIT1	XN20Z	2	5
... PART OF YCHAINPINKIT1	XN20HZB	2	5
... PART OF YCHAINPINKIT1	YCHAINBOLT1	2	11
... PART OF YCHAINPINKIT1	XN20Z	2	11
... PART OF YCHAINPINKIT1	XN20HZB	2	11
... PART OF YCHAINPINKIT1	YCHAINBOLT1	2	15
... PART OF YCHAINPINKIT1	XN20Z	2	15
... PART OF YCHAINPINKIT1	XN20HZB	2	15
3/4" ROLLER CHAIN SET (FORK POSITIONER)	YCHAIN8	2	47
3/4" ROLLER CHAIN SPLIT LINK	YCHAIN9	2	47
1" BANJO BOLT	YHA1BB	5	7
1" BANJO HOUSING	LM2-101-49	6	7
		6	13
		6	19
		6	25
1" DOWTY WASHER	YHS1D	5	7
10 MM BLANKING GROMMET	YGR210	1	17
11 CC GEAR PUMP	YPUMP4	7	7
11 WAY BLADE FUSE BOX	YFUSEBOX1	3	7
12 V 72 AH BATTERY	YBATTERY3	1	7
12-20 MM CLIP	YCLIP16	4	7
		4	25
		4	41
		4	39
13 MM P CLIP	YPCLIP13	4	45
		2	7
		2	13
		2	17

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
13 MM P CLIP	YPCLIP13	4	39
14 CC GEAR MOTOR	YMOTOR11	4	35
14 CC GEAR PUMP	YPUMP3	7	27
14 MM FUEL HOSE 1407 MM LONG	LM2-600-04	4	39
		4	41
14 MM FUEL HOSE 167 MM LONG	LM2-600-06	4	41
14 MM FUEL HOSE 1828 MM LONG	LM2-600-08	4	7
14 MM FUEL HOSE 1873 MM LONG	LM2-600-10	4	25
14 MM FUEL HOSE 570 MM LONG	LM2-600-07	4	7
14 MM FUEL HOSE 60 MM LONG	LM2-600-05	4	41
14 MM FUEL HOSE 652 MM LONG	LM2-600-09	4	25
15-17 MM EDGE TRIM 216 MM LONG	LM2-440-16	1	45
		1	47
18 MM BLANKING GROMMET	YGR219	1	17
2.6 M LIFT CYLINDER	LM2-210-05	2	7
2.6 M MAST CHAIN KIT	YCHAINKIT3	2	5
20 MM OPEN GROMMET	YGROMMET20	3	7
20 MM SHAFT EXTERNAL CIRCLIP	YCIRCLIP20	1	31
		1	33
		1	37
		1	39
		1	45
		1	49
225 WOODEN LOAD REST	LM2-440-15	1	43
		1	47
23X9-10 COMPLETE WHEEL LH	YWHEEL7	1	49
23X9-10 COMPLETE WHEEL RH	YWHEEL8	1	31
		1	45
2-4 MM EDGE TRIM 400 MM LONG (YSEALSTRIP30)	LM2-101-53	1	5
2-4 MM EDGE TRIM 50MM LONG	LM2-500-72	3	15
2-4MM SEAL STRIP 2920 MM LONG (YSEALSTRIP25)	LM2-101-54	1	9
25 MM LEVER KNOB	YKNOB1	3	15
25 MM SHAFT EXTERNAL CIRCLIP	YCIRCLIP5	2	5
		2	11
		2	15



## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
250N 155.5 MM GAS STRUT	YGASTRUT31	3	11
27"x10-12 COMPLETE WHEEL LH	YWHEEL11	1	27
		1	37
27"x10-12 COMPLETE WHEEL RH	YWHEEL22	1	39
3 PORT 2 POSITION DIVERTER VALVE	YVALVE12	7	15
3.1 M LIFT CYLINDER	LM2-210-06	2	13
3.1 M MAST CHAIN KIT	YCHAINKIT1	2	11
3.6 M LIFT CYLINDER	LM2-210-07	2	17
3.6 M MAST CHAIN KIT	YCHAINKIT2	2	15
3/4" BSP BLANKING PLUG	3-4 BSP BLANKING PLUG	7	19
300 MM STEERING WHEEL	YSTEER5	3	7
31.8 MM CLOSED GROMMET	YGR231.8	3	13
31-48 MM CLIP	YCLIP35	4	11
		4	27
		4	31
34.2 CC/REV HYDROSTATIC TRANSMISSION PUMP WITH ANTI-STALL	YPUMP8	6	7
		6	13
3RD STAGE MAST	LM2-251-00	2	29
3X10 POP RIVET	XR04010	3	17
4 CYL RADIATOR SHROUD	LM2-103-57	4	31
		4	33
		4	35
40 A FUSE WITH HOLDER	YFUSE8	1	7
40 MM SHAFT EXTERNAL CIRCLIP	YCIRCLIP10	2	5
		2	11
		2	15
46 CC/REV HYDROSTATIC TRANSMISSION PUMP	YPUMP1	6	19
		6	25
48 MM SEALED ROLLER BEARING	YBEARING18	2	5
		2	11
		2	15
		2	21
		2	25
4-WAY HYDRAULIC BLOCK	YBLOCK5	7	19

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
500N 325 MM GAS STRUT	YGASTRUT35	3	17
5-WAY LEVER BANK	YLEVER1	7	5
		7	11
		7	15
		7	15
6 PORT 2 POSITION DIVERTER VALVE	YVALVE11	7	15
6 PORT COMBI MANIFOLD	LM2-606-03	5	7
9-12 MM EDGE TRIM 100 MM LONG	LM2-300-20	1	27
9-12 MM EDGE TRIM 220 MM LONG	LM2-417-18	1	31
		1	33
		1	37
		1	39
		4	45
ACCELERATOR PEDAL	LM2-500-02	4	45
ACCELERATOR SPRING	3J0167	4	45
AIR FILTER BAND	15000-36931	4	13
AIR FILTER CANISTER	16616-1103-05	4	13
AIR FILTER CANISTER (4 CYL.)	16617-11002_M	4	27
		4	29
AIR FILTER MOUNT	LM2-106-01	4	19
AIR FILTER MOUNT	LM2-104-05	4	27
ALTERNATOR 60 A	19630-64015	4	13
		4	29
ALTERNATOR STAY	16241-64422	4	13
		4	29
ARM REST/GUARD	LM1-505-00	3	11
AUXILIARY BELT	16282-97011	4	13
AUXILIARY CHAIN ROLLER PIN	LM2-214-04	2	21
		2	25
BATTERY ISOLATOR BRACKET	LM2-101-33	1	7
BATTERY ISOLATOR SWITCH	YISO1	1	7
BATTERY RETAINER	LM2-103-35	1	7
BEARING HOUSING CAP	LM2-44-03	1	43
		1	47
BONNET GRP	LM2-125-01	1	13
BONNET HANDLE	YHANDLE22	1	13
BONNET HINGE BRACKET	LM2-125-12	1	5
BONNET HINGE FRAME ASSEMBLY	LM2-127-00	1	5

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
BONNET LATCH	YLATCH12	1	7
BONNET LATCH AND HANDLE ASSEMBLY	LM2-128-01	1	13
BONNET LIGHT MOUNT	LM2-125-05	1	13
		1	23
BONNET LOCKING GAS STRUT	YGASTRUT9	1	7
BONNET STRIKER PIN	YSTRIKE1	1	13
BONNET STRUT BRACKET	LM2-101-34	1	7
BOTTOM COOLANT HOSE	LM2-101-16	4	11
BOTTOM HOSE - 1505T	LM2-103-51	4	31
BUSH 40 x 40	YBUSH12	2	47
CAB EXTENSION STEP	LM2-101-01	1	9
CAB MOUNT BAR	LM1-503-00	3	5
CAB MOUNT CHASSIS COVER	LM2-101-14	1	5
CAB MOUNT WASHER	LM1-504-00	3	5
CAB SHELF ASSEMBLY	LM2-503-00	3	7
CARRIAGE PIN END CAP	LM2-216-04	2	35
		2	47
CHAIN PIN KIT	YCHAINPINKIT1	2	5
		2	11
		2	15
CHAIN ROLLER - FORK POSITIONING	LM2-225-02	2	47
CHASSIS	LM2-100-00	1	5
CHASSIS BONNET	LM2-125-00	1	13
		1	5
CHASSIS CORNER PLATES	LM2-100-103	1	9
CLAMP – MAST HOSES	YCLAMP4	2	33
CLASS 2A FORK 1200x50X100	YFORK4	2	35
CLASS 2A REACH FORK	YFORK6	2	43
CLASS 2B FORK 1200x50X100	YFORK5	2	35
CLEVIS ASSEMBLY	YCLEVIS3	3	15
COMBI RADIATOR	LM2-607-00	4	31
COMBO BEACON	YBEACON10	3	25
		3	29
COMBO GAUGE	YCOMBO1	3	13
COMFORT SEAT WITHOUT SEAT BELT	YSEAT5	3	17

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
CONTROL VALVE	YVALVE16	6	7
		6	11
		4	35
COOLING FAN BOSS	LM2-103-47	4	35
COUPLING ADAPTER RING	YCOUPLING2-ADAPTOR RING	4	9
		4	27
COUPLING HOUSING	YCOUPLING2-HOUSING	4	9
CRASH BAR	LM2-505-00	3	11
CROSS-OVER VALVE	YVALVE4	7	11
CYLINDER CLAMP LATCH	LM2-240-19	2	7
		2	13
		2	17
D1305 EXHAUST DOWNPIPE	LM2-605-37	4	9
DIESEL SENDER UNIT	YSENDER1	4	39
DIESEL STRAINER	YSTRAINER1	4	39
DIESEL STRAINER CAP	YSTRAINERCAP1	4	39
DIESEL TANK GASKET	LM2-101-38	4	39
DIESEL TANK SUPPORT	LM2-602-13	4	39
DIFF LOCK AND LIGHT SWITCH	YSWITCH47	3	13
		3	25
		3	29
DIFF, MULTI-DIRECTION, AND PARK SWITCH	YSWITCH52	3	13
DIP STICK	1G900-36411	4	13
DIP STICK	17456-36422	4	29
DIVERTER VALVE SPACER	LM2-500-59	7	11
DOCUMENT HOLDER	YDOCHOLD4	3	9
DOUBLE OVER CENTRE VALVE	YVALVE3	7	23
DX BUSH 40X40	YBUSH12	2	29
		2	33
		2	35
ELECTRIC FAN	YFAN1	4	17
ELECTRIC FUEL PUMP	1720852031 F PUMP	4	41
ENGINE INLET PIPING	LM2-106-02	4	7
ENGINE MOUNT 1	LM2-114-00	4	7
		4	25
ENGINE MOUNT 2	LM2-115-00	4	7
		4	25

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
ENGINE MOUNT SPACER	LM2-101-51	1	5
EXHAUST GASKET	15263-12370 4	4	27
EXHAUST MANIFOLD	16264-12311	4	9
		4	13
EXHAUST SILENCER	LM2-605-39	4	9
		4	27
FAN SHROUD	LM2-101-40	4	17
FLYWHEEL ASSEMBLY	1G900-25011	4	13
FLYWHEEL ASSEMBLY	16614-2501-2	4	29
FLYWHEEL MOUNTING BRACKET	REAR_1G90200000	4	29
FORK CARRIAGE ASSEMBLY	LM2-222-00	2	47
FORK CARRIAGE PIVOT PIN	LM2-216-03	2	47
		2	35
FORK POSITION CYLINDER	LM2-210-12	2	49
FORK POSITIONING CHAIN ANCHOR	LM2-226-05	2	47
FORWARD/REVERSE PEDAL	YPEDAL1	6	5
		6	13
		6	17
		6	23
FRONT CAB PANEL	LM2-506-04	3	7
FRONT LH 23" WHEEL PLATE	LM2-417-00	1	33
FRONT LH 27" WHEEL PLATE	LM2-417-20	1	37
FRONT MOTOR – 255 CC/REV - MS02	YMOTOR10	1	33
		1	45
		1	49
		1	31
FRONT MOTOR – 364 CC/REV - MS02	YMOTOR4	1	37
		1	39
FRONT RH 23" WHEEL PLATE	LM2-418-00	1	31
FRONT RH 27" WHEEL PLATE	LM2-418-20	1	39
FRONT RIGHT ENGINE MOUNT	LM2-108-01	4	7
FRONT STANDARD WHEEL PLATE COVER	LM2-418-15	1	31
		1	33
		1	37

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
FRONT STANDARD WHEEL PLATE COVER	LM2-418-15	1	39
FUEL FILLER BULKHEAD	LM2-603-00	4	39
FUEL FILLER COVER	LM2-500-07	3	17
FUEL FILTER	15224-43013	4	41
FUEL TANK	LM2-602-00	4	39
FUEL TANK UPPER MOUNT	LM2-101-25	4	39
GASKET - HYDRAULIC OIL TANK	LM2-601-12	5	5
GRIPPER PLATE - FORK POSITIONING	LM2-225-05	2	47
GROMMET	YGR1110	1	9
		1	15
		1	17
HALOGEN PUSH FIT NUMBER PLATE LIGHT	YLIGHT29	1	17
HALOGEN WORK LIGHT	YLIGHT22	1	13
		1	23
		3	7
		3	11
		3	25
HARD RIDE VALVE MOUNT	LM2-606-05	7	23
HEADER TANK	19077-2092_RT02	4	15
		4	35
HEADER TANK BRACKET	LM2-103-43	4	35
HINGE PLATE	LM2-500-54	3	15
HORN BUZZER	YHORN1	1	5
HORN SWITCH	YSWITCH48	3	13
HOSE CLAMP - 1 BERTH	LM2-218-10	2	25
HOSE CLAMP - 2 BERTH	LM2-218-05	2	21
HOSE CLAMP - 2 BERTH	LM2-218-10	2	39
HOSE CLAMP - 6 BERTH	LM2-218-03	2	7
		2	13
		2	17
HOSE CLAMP - 8 BERTH ANGLED	LM2-218-13	2	7
		2	13
HOSE CLAMP - 8 BERTH ANGLED	LM2-218-13	2	17
HOSE CLAMP - 8 BERTH STRAIGHT	LM2-218-20	2	7
		2	13

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
HOSE CLAMP - 8 BERTH STRAIGHT	LM2-218-20	2	17
HOSE CLAMP WA	LM2-218-03	2	29
HOSE ROLLER - 2 BERTH	LM2-200-20	2	21
		2	25
HOSE ROLLER - 6 BERTH	LM1-204-01	2	5
		2	11
		2	15
HOUSING	407038	4	27
HYDRAULIC COMBINATION FILTER	YFILTER1	5	5
HYDRAULIC DIFFERENTIAL LOCK MANIFOLD MULTI-DIRECTIONAL	YBLOCK4	6	11
		6	23
HYDRAULIC DIFFERENTIAL LOCK MANIFOLD STANDARD	YBLOCK2	6	5
		6	17
HYDRAULIC OIL SUCTION STRAINER	YFILTER8	5	5
HYDRAULIC OIL TANK	LM2-601-00	5	5
HYDRAULIC OIL TANK CAP	YFILLER1_CAP	5	5
HYDRAULIC OIL TANK FILLER FILTER	YFILLER1_FILTER	5	5
HYDRAULIC PRESSURE SWITCH	YSWITCH54	6	7
		6	13
		6	19
		6	25
HYDRAULIC TANK BULKHEAD	LM2-601-20	5	5
IGNITION SWITCH	YKEY1	3	9
IN LINE FILLER	YFILLER7	4	31
INDICATOR SWITCH	YSWITCH53	3	13
INTAKE TRUNKING 1505T E3B	LM2-103-61	4	27
IR SHORT LINK WA	LM2-224-00	2	33
ISR PIVOT WASHER	LM2-209-04	2	33
KEEPER PLATE – CARRIAGE ROLLERS	LM2-200-22	2	31
KUBOTA 2 BOLT EXHAUST GASKET	15313-12370	4	9
		4	27
KUBOTA V1505 T E3B ENGINE	LM2-604-00	4	27
LED AMBER INDICATOR LIGHT	YLIGHT31	1	15
		1	17

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
LED AMBER SIDE MARKER	YLIGHT24	1	9
LED BOLT ON NUMBER PLATE LIGHT	YLIGHT41	1	19
LED FOG LIGHT	YLIGHT32	1	17
		1	15
LED RED STOP/TAIL-LIGHT	YLIGHT33	1	15
		1	17
		1	21
LED WHITE REVERSE LAMP	YLIGHT34	1	15
		1	17
		1	21
LED WORK LIGHT	YLIGHT43	1	13
		1	23
		3	21
		3	29
LEVER 164 MM LONG	YLEVER6	7	5
		7	11
		7	15
LEVER 164 MM LONG WITH MICRO SWITCH	YLEVER5	7	11
		7	15
LEVER BANK SUPPORT	LM2-500-90	3	7
LH 23" MULTI-DIRECTIONAL WHEEL PLATE	LM2-442-00	1	49
LH BATTERY RETAINER HOOK	LM2-131-00	1	7
LH BEARING ARM WHEEL PLATE	LM2-440-00	1	47
LH CHAIN ADJUSTER SCREW	LM2-225-10	2	47
LH CHAIN HOOK	LM2-101-18	1	9
LH FORK POSITIONING MOUNTING PLATE	LM2-227-00	2	47
LH HALOGEN INDICATOR AND SIDE LIGHT CLUSTER	YLIGHT27	3	7
LH LINK ARM	LM2-446-00	1	47
LH LOAD REST CHANNEL	LM2-440-13	1	47
LH MULTIDIRECTIONAL STEER CYLINDER	LM2-210-37	1	47
LIFT/REACH LEVER LINK	LM2-500-69	3	15
LIGHT BEACON	YBEACON6	3	11
LIGHT JUNCTION BOX	YBOX2	1	11



## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
LINE BODY - SOLENOID VALVE	YBLOCK6	7	19
LOADING PIN	LM2-101-07	1	9
LONG IR ARM	LM2-223-00	2	29
LONG LINK ARM PIN	LM2-448-00	1	45
		1	47
LONG LINK PIN CAP	LM2-200-13	2	33
LOWER CAB	LM2-511-00	3	5
LOWER CAB HOSE RETAINER	LM2-501-21	3	5
LOWER SHORT LINK PIN WA	LM2-211-00	2	29
LOWER STABILISER PIN	LM2-44-02	1	31
		1	33
		1	37
		1	39
		1	45
		1	49
M10 FORM A WASHER	XW10AZ	1	27
		1	43
		1	47
		2	7
		2	9
		2	13
		2	17
		2	29
		2	31
		3	7
		3	15
		3	17
		4	7
		4	9
		4	9
		4	25
		4	27
		4	35
		5	5
		6	5
		6	11
		6	13

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M10 FORM A WASHER	XW10AZ	6	17
		6	23
		7	7
		7	27
M10 NYLOC NUT	XN10N	1	9
		1	27
		1	43
		1	47
		2	7
		2	9
		2	13
		2	17
		2	29
		2	31
		2	35
		3	7
		3	9
		3	15
		3	17
		M10 PLAIN NUT	XN10HZ
1	49		
M10 PLAIN NUT	XN10Z	4	9
		4	27
M10 SPRING WASHER	XW10SZ	1	27
		1	45
		1	47
		3	7
		4	7
		4	9
		4	25

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page		
M10 SPRING WASHER	XW10SZ	4	27		
		5	5		
		6	5		
		6	11		
		6	17		
		6	23		
		7	7		
		7	27		
		M10 STAR WASHER	XW10STAR	4	39
		M10X25 BUTTON HEAD SCREW 8.8	XBUT10025SKTZB	3	7
M10X25 HEX HEAD SCREW 8.8	XS10025Z	1	45		
		1	47		
		3	15		
		3	17		
M10X25 HEX HEAD SCREW 8.8	XS10025ZFINE	4	7		
		4	9		
		4	25		
		4	27		
M10X30 BUTTON HEAD SCREW 8.8	XBUT10030SKTZB	5	5		
M10X30 CAP HEAD SCREW 8.8	XSC10030Z	4	9		
		4	27		
M10X30 COUNTERSINK SCREW 8.8	XSK10030SKTZ	1	45		
		1	49		
M10X30 HEX HEAD SCREW 8.8	XS10030Z	2	7		
		2	13		
		2	17		
		3	7		
		3	9		
		4	9		
		5	5		
		6	5		
		6	13		
		6	17		
M10x30 SKT CSK SCREW	XSK10030SKTZ	2	47		
M10X35 HEX HEAD SCREW 8.8	XS10035Z	1	43		
		1	47		

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M10X35 HEX HEAD SCREW 8.8	XS10035Z	4	9
M10X40 BUTTON HEAD SCREW 8.8	XBUT10040SKTZB	7	7
		7	27
M10X40 COUNTERSUNK BOLT	XCSK10040SKTZ	1	27
M10X40 HEX HEAD SCREW 8.8	XS10040Z	1	27
		1	43
		1	49
		2	9
		2	29
		2	31
		4	27
		4	35
		6	5
		6	11
		6	17
		6	23
M10X50 HEX HEAD SCREW 8.8	XS10050Z	1	27
		2	35
M10X60 CAP HEAD SCREW 8.8	XSC10060Z	4	9
		4	27
M10X70 HEX HEAD SCREW 8.8	XS10070Z	2	31
		4	9
		4	27
M12 CAB SAFETY WASHER	LM2-500-56	3	5
M12 FORM A WASHER	XW12AZ	1	5
		1	31
		1	33
		1	37
		1	39
		1	45
		1	49
		2	49
		3	5
		3	11
		4	7
		4	15
		4	25

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M12 FORM A WASHER	XW12AZ	4	33
		7	5
M12 NYLOC NUT	XN12N	1	5
		1	31
		1	33
		1	37
		1	39
		1	45
		1	49
		2	47
		2	49
		3	5
		3	11
		4	15
		4	33
		7	5
M12 PLAIN NUT	XN12Z	2	47
M12 PLAIN NUT LH THREAD	XN12ZLH	2	47
M12 SPRING WASHER	XW12SZ	3	5
		3	11
		4	7
		4	25
		4	25
M12X100 BUTTON HEAD SCREW 8.8	XBUT12100SKTZB	3	5
M12X110 HEX HEAD SCREW 8.8	XB12110Z	1	31
		1	33
		1	37
		1	39
		1	45
		1	49
M12X30 CAP HEAD SCREW	XSC12030Z	2	33
M12X30 HEX HEAD SCREW 8.8	XS12030Z	3	5
		3	11
		4	15
		4	33
M12X40 HEX HEAD SCREW 8.8	XS12040Z	3	11
M12X50 HEX HEAD SCREW 8.8	XS12050Z	2	49

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M12X50 HEX HEAD SCREW 8.8	XS12050Z	3	11
		4	7
		4	25
		7	5
M12X80 BUTTON HEAD SCREW 8.8	XBUT12100SKTZB	3	11
M12x80 HEX HEAD BOLT 8.8	XS12080Z	2	47
M14 FLANGED WHEEL NUT	YWHLNUT1	1	27
		1	31
		1	37
		1	39
		1	45
		1	49
		1	49
M14 FORM A WASHER	XW14AZ	1	27
M14 NYLOC NUT	XN14N	1	27
		1	31
		1	33
		1	37
		1	39
M14 SPRING WASHER	XW14SZ	6	7
		6	13
		6	19
		6	25
M14X35 CAP HEAD SCREW 10.9	XSC14035Z	1	45
		1	49
M14X35 CAP HEAD SCREW 8.8	XSC14035Z	6	7
		6	13
		6	19
		6	25
M14X50 CAP HEAD SCREW 10.9	XSC14050Z	1	27
		1	31
		1	33
		1	37
		1	39
M16 FORM A WASHER	XW16AZ	1	31
		1	33
		1	37
		1	39

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page		
M16 FORM A WASHER	XW16AZ	1	43		
		1	47		
		2	7		
		2	13		
		2	17		
		2	35		
		2	49		
		3	5		
		3	11		
		M16 NYLOC NUT	XN16N	2	7
				2	13
2	17				
2	49				
M16 SPRING WASHER	XW16SZ	1	31		
		1	33		
		1	37		
		1	39		
		2	31		
		2	35		
		3	5		
		3	11		
		2	47		
		M16X140 HEX HEAD BOLT 10.9	XB16140Z	1	31
				1	33
1	37				
1	39				
3	11				
M16X150 HEX HEAD BOLT 10.9	XB16150Z			1	31
				1	33
		1	37		
		1	39		
		1	43		
		1	47		
		M16x35 HEX HEAD SETSCREW 8.8 M16X40 HEX HEAD SCREW 8.8	XS16035Z XS16040Z	2	47
2	35				
3	5				
2	47				

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M16X45 HEX HEAD SCREW 8.8	XS16045Z	2	31
M16X85 HEX HEAD SCREW 8.8	XS16085Z	2	7
		2	13
		2	17
M20 FORM A WASHER	XW20AZ	1	31
		1	33
		1	37
		1	39
		1	43
		1	47
		2	7
		2	13
		2	17
M20 NYLOC NUT	XN20N	1	43
		1	47
		2	7
		2	13
		2	17
M20X40 HEX HEAD SCREW 8.8	XS20040Z	1	43
		1	47
M24 FINE NYLOC NUT	XN24NF	1	13
		2	33
M24 FORM A WASHER	XW24AZ	1	45
		1	49
		2	5
		2	11
M24 FORM A WASHER	XW24AZ	2	15
M4 FORM A WASHER	XW04AZ	4	39
M4 NYLOC NUT	XN04N	4	39
M5 FORM A WASHER	XW05AZ	1	19
		3	11
		3	13
		3	15
		3	33
M5 FORM C WASHER	XW05CZB	3	11
M5 FORM G WASHER	XW05GZ	3	9
		3	33



## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M5 NYLOC NUT	XN05N	3	9
		3	11
		3	33
M5 ROUND OPEN NUTSERT	XNS05	3	11
		3	15
M5 SPRING WASHER	XW05SZ	1	19
M5 SPRING WASHER	XW05SZB	3	13
M5X16 BUTTON HEAD SCREW 8.8	XBUT05016SKTZB	3	9
		3	11
		3	13
		3	15
		3	33
		1	19
		1	19
M5X6 SEMI HEX OPEN NUTSERT	XNS05H	1	19
M6 90° GREASE NIPPLE	YGN0690	1	27
M6 FORM A SPRING WASHER	XW06SZ	4	35
M6 FORM A WASHER	XW06AZ	1	7
		1	11
		1	31
		1	33
		1	37
		1	39
		1	43
		1	47
		2	7
		2	13
		2	17
		2	29
		3	5
		3	7
		3	13
3	15		
3	17		
3	33		
4	17		
4	35		
4	39		

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M6 FORM A WASHER	XW06AZ	4	45
		5	5
		6	7
		6	11
		7	19
		7	23
		M6 NYLOC NUT	XN06N
1	11		
2	7		
2	13		
2	17		
2	29		
3	7		
3	13		
3	15		
3	17		
3	33		
4	45		
6	7		
6	11		
M6 PLAIN NUT	XN06Z	7	19
		1	27
M6 ROUND OPEN NUTSERT	XNS06	4	17
		3	9
M6 SPRING WASHER	XW06SZ	4	35
		1	43
		1	47
		2	31
		3	5
		3	13
		4	39
		5	5
		7	23
		M6 STRAIGHT GREASE NIPPLE	YGN0600
1	49		
2	5		
2	9		

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M6 STRAIGHT GREASE NIPPLE	YGN0600	2	11
		2	15
		2	29
		2	31
		2	35
M6X10 CLOSED HEX NUTSERT	XNC6HC	5	5
M6X10 GRUB SCREW	XG06010Z	4	35
M6X12 HEX NUTSERT CLOSED	XN06HC	4	39
M6X16 BUTTON HEAD SCREW 8.8	XBUT06016SKTZB	1	11
		3	5
M6X16 HEX HEAD SCREW 8.8	XS06016Z	1	7
		1	11
		1	31
		1	33
		1	37
		1	39
		1	43
		1	47
		2	31
		7	23
M6X20 BUTTON HEAD SCREW 8.8	XBUT06020SKTZB	3	13
M6X20 HEX HEAD SCREW 8.8	XS06020Z	1	7
		1	19
		3	17
		3	33
		4	35
		4	39
		5	5
		5	5
M6X25 BUTTON HEAD SCREW 8.8	XBUT06025SKTZB	1	7
M6X25 HEX HEAD SCREW 8.8	XS06025Z	2	7
		2	13
		2	17
		3	33
		3	33
M6X50 HEX HEAD SCREW 8.8	XS06050Z	3	15
M6X60 HEX HEAD SCREW 8.8	XS06060Z	2	29
		6	7
		6	11

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M6X60 HEX HEAD SCREW 8.8	XS06060Z	7	19
M8 BALL JOINT	YBALLJOINT2	4	45
M8 FORM A WASHER	XW08AZ	1	5
		1	7
		1	13
		1	15
		1	19
		1	23
		1	43
		1	47
		2	7
		2	13
		2	17
		2	21
		2	25
		2	29
		2	33
		2	39
		2	43
		3	7
		3	9
		3	11
		3	13
		3	15
		3	17
		3	25
		3	29
		4	9
		4	15
		4	17
		4	27
		4	33
		4	39
		4	41
		4	45
		7	5
		7	7

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M8 FORM A WASHER	XW08AZ	7	11
		7	15
		7	19
		7	23
M8 FORM C WASHER	XW08CZB	1	5
		4	19
M8 FORM G WASHER	XW08GZ	1	7
		3	7
		3	9
M8 HALF NUT	XN08HZB	2	29
M8 NYLOC NUT	XN08N	1	5
		1	7
		1	13
		1	23
		1	43
		1	47
		2	43
		3	7
		3	11
		3	13
		3	15
		3	17
		3	25
		3	29
		4	9
		4	15
		4	33
4	39		
4	41		
4	45		
7	5		
7	7		
7	11		
7	19		
7	23		
M8 PLAIN NUT	XN08Z	3	15
		3	25

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M8 PLAIN NUT	XN08Z	3	29
		4	45
M8 ROUND OPEN NUTSERT	XNS08	1	5
		3	7
		3	17
M8 SPRING WASHER	XW08SZ	1	5
		1	7
		1	9
		1	13
		1	15
		1	19
		1	23
		2	7
		2	13
		2	17
		2	21
		2	25
		2	29
		2	33
		2	39
		3	7
		3	9
		3	11
		3	13
3	25		
3	29		
4	15		
4	15		
4	27		
4	33		
4	39		
4	41		
7	7		
7	11		
7	15		
7	19		
M8 WING NUT	XN08WINGZ	1	7

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M8X10 SEMI HEX OPEN NUTSERT	XNS08H	1	15
		1	19
M8X12 BUTTON HEAD SCREW 8.8	XBUT08012SKTZB	4	19
M8X16 BUTTON HEAD SCREW 8.8	XBUT08016SKTZB	4	17
		4	33
M8X16 HEX HEAD SCREW 8.8	XS08016Z	1	5
		1	7
		3	7
		3	11
		4	15
		4	41
M8X20 BUTTON HEAD SCREW 8.8	XBUT08020SKTZB	1	9
		3	7
		3	9
		3	13
		3	17
		4	15
		4	33
		7	11
		7	5
		M8X20 HEX HEAD SCREW 8.8	XS08020Z
1	7		
2	7		
2	13		
2	17		
2	29		
2	33		
3	7		
3	25		
3	29		
4	15		
4	15		
4	19		
4	27		
4	33		
4	39		
		7	19

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M8X20 HEX HEAD SCREW 8.8	XS08020Z	4	45
M8X25 BUTTON HEAD SCREW 8.8	XBUT08025SKTZB	1	9
M8X25 HEX HEAD SCREW 8.8	XS08025Z	1	5
		1	7
		1	13
		1	15
		1	23
		2	7
		2	13
		2	17
		2	21
		2	25
		2	33
		2	39
		2	43
		4	27
		7	15
M8X25 STEEL GRUB SCREW	XG08025Z	2	5
		2	7
		2	11
		2	13
		2	15
		2	17
		2	29
M8X30 BUTTON HEAD SCREW 8.8	XBUT08030SKTZB	7	7
M8X30 HEX HEAD SCREW 8.8	XS08030Z	1	9
		1	13
		4	9
		4	39
M8X35 HEX HEAD SCREW 8.8	XS08035Z	1	43
		1	47
		4	41
M8X50 HEX HEAD SCREW 8.8	XS08050Z	1	9
		2	29
M8X60 CAP HEAD SCREW 8.8	XSC08060Z	4	9
		4	27
M8X70 HEX HEAD BOLT 8.8	XB08070Z	3	15



## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
M8X70 HEX HEAD BOLT 8.8	XB08070Z	7	5
		7	11
		7	15
		7	23
MAST 77.7 MM PARALLEL BEARING SET	YBEARING7	2	5
		2	11
		2	15
		2	29
MAST 78 MM 1 DEG TAPPER BEARING SET	YBEARING23	2	7
		2	13
		2	17
MAST CHAIN ROLLER BEARING	YROLLER1	2	5
		2	9
		2	11
		2	15
MAST FIXING BOSS	LM2-200-18	2	7
		2	13
		2	17
MAST FIXING BOSS CAP	LM2-200-19	2	7
		2	13
		2	17
		3	25
MULTI-DIRECTIONAL FRONT WORK LIGHT BRACKET	LM2-540-01	3	25
		3	29
MULTI-DIRECTIONAL REAR WORK LIGHT BRACKET	LM2-540-02	3	25
		3	29
		3	29
NEGATIVE BATTERY LEAD	LM2-810-14	1	7
NON-LOCKING FUEL CAP	YFILLER5	4	39
NYLON BUSH	YBUSH15	4	45
NYLON WEAR PAD	YPAD1	1	31
		1	33
		1	37
		1	39
		1	45
		1	49

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
OIL FILTER	16271-32093	4	13
OIL FILTER	16271-3209-2	4	29
OIL LEVEL GAUGE	YLEVGAUGE1	5	5
OIL SUMP ASSEMBLY	OILP_1G90200000	4	29
OILITE BUSH	YBUSH20	2	47
ORANGE SEAT BELT	YSEATBELT2	3	15
ORANGE SEAT BELT WITH INTERLOCK	YSEATBELT3	3	15
P CLIP	YPCLIP1	2	33
PART OF YCHAINK11	YCHAINPIN1	2	11
PART OF YCHAINKIT1	YCHAINPIN2	2	11
PART OF YCHAINKIT2	YCHAINPIN2	2	15
PART OF YCHAINKIT2	YCHAINPIN1	2	15
PART OF YCHAINKIT3	YCHAINPIN2	2	5
PART OF YCHAINKIT3	YCHAINPIN1	2	5
PEDAL SHAFT	LM2-500-03	4	45
PIN ASSEMBLY	LM2-215-00	2	31
PIN ASSEMBLY	LM2-212-00	2	33
PLAIN WASHER M12 FORM A ZP	XW12AZ	2	47
PLAIN WASHER M16 FORM A ZP	XW16AZ	2	47
PLASTIC ROOF FRONT	LM2-500-41	3	11
PLASTIC ROOF REAR	LM2-500-40	3	11
POSITIVE BATTERY LEAD:	LM2-810-12	1	7
PRIORITY VALVE	YVALVE5	7	7
RADIATOR	1G34772061_M	4	11
		4	15
		4	17
RADIATOR CAP	YRADCAP1	4	31
RADIATOR CUSHION	34070-16031	4	15
		4	33
		4	39
RADIATOR FAN	16285-7411-0 FAN	4	35
RADIATOR MOUNT RAIL	LM2-103-66	4	15
RADIATOR MOUNTING FRAME	LM2-103-20	4	15
RADIATOR SUPPORT BRACKET	LM2-103-38	4	33
RADIATOR SUPPORT FRAME	LM2-103-39	4	33
REACH CYLINDER	LM2-210-04	2	35

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
REACH FORKS FLOW SPLITTER MANIFOLD	LM2-200-23	2	43
REAR BRAKED MOTOR – 500 CC/REV - MSE03	YMOTOR7	1	27
REAR LEVER COVER	LM2-500-60	3	15
REAR LEVER LINKAGE	LM2-500-33	3	15
REAR LIGHT CABLE SHROUD	LM2-101-17	1	11
REAR RIGHT ENGINE MOUNT	LM2-110-01	4	7
REAR STEERING MOTOR	YMOTOR3	7	5
REAR WHEEL STEER ARM	LM2-302-00	1	27
RED TRIANGLE REFLECTOR	YREFLEC2	1	9
REFLECTOR STRIP	YREFLEC1	1	9
RETAINING WASHER	LM1-210-12	2	31
REVERSING BEEPER	YBEEP1	1	7
RH 23" MULTI-DIRECTIONAL WHEEL PLATE	LM2-443-00	1	45
RH BATTERY RETAINER HOOK	LM2-130-00	1	7
RH BEARING ARM WHEEL PLATE	LM2-441-00	1	43
RH CHAIN ADJUSTER SCREW	LM2-225-09	2	47
RH CHAIN HOOK	LM2-101-19	1	9
RH FORK POSITION MOUNTING PLATE	LM2-226-00	2	47
RH HALOGEN INDICATOR AND SIDE LIGHT CLUSTER	YLIGHT28	1	13
RH LINK ARM	LM2-447-00	1	43
RH LOAD REST CHANNEL	LM2-440-09	1	43
RH MULTIDIRECTIONAL STEER CYLINDER	LM2-210-38	1	43
RH RADIATOR STRUT	LM2-103-06	4	15
RH RADIATOR STRUT	LM2-103-10	4	33
ROLLER YBEARING	YBEARING19ROLLER	2	31
RUBBER BUFFER	YBUFFER4	2	29
RUBBER CAB MOUNT	YMOUNT7	3	5
RUBBER ENGINE MOUNT	YMOUNT6	1	5
SAFETY MESH AND SWITCH BOARD	LM2-510-00	3	13
SCUTTLE PANEL	LM2-514-00	3	7
SEAT	YSEAT2	3	33
SEAT BELT REEL MOUNT	LM2-520-03	3	17

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
SEAT BOX COVER	LM2-500-12	3	9
SEAT BUCKLE PIVOT MOUNT	LM2-520-00	3	15
		3	17
SEAT TILT PLATE	LM2-500-13	3	9
		3	33
SEDIMENTER	16614-43003	4	41
SELF ADHESIVE SEAL STRIP 525 MM LONG (YSEALSTRIP17)	LM2-101-55	1	9
		1	9
SERIAL PLATE	YLABEL2	3	17
SHORT LINK ARM PIN	LM2-449-00	1	45
		1	49
SIDE SHIFT CYLINDER	LM2-210-09	2	31
SIDE SHIFT PIN W-A	LM1-218-03	2	31
SINGLE RED LED WITH GROMMET	YLIGHT40	1	19
		1	23
		3	37
SLEWING RING BEARING	LM1-300-03	1	27
SLEWING RING BEARING	LM2-300-11	1	27
SLEWING RING SPACER	LM1-300-01	1	27
SMALL BUFFER STOP	YBUFFER1	3	9
		3	11
		3	33
SOLENOID VALVE	YBLOCK5_SOLINOID_VALVE	7	19
SPACER - FP IDLER	LM2-225-07	2	47
SPACER – PANTO BEARING	LM2-209-01	2	33
SPACER BOSS	LL10026	3	15
SPINDLE – PANTO PIVOT	LM2-209-02	2	33
SPLIT PIN	XSP02032Z	4	45
SPUR GEAR DRIVER	LM1-300-04	7	5
SPUR GEAR RETAINING WASHER	LM1-100-43	7	5
STABILISER CYLINDER	LM2-210-35	1	31
		1	33
		1	37
		1	39
		1	45
		1	49

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
STABILISER FOOT	LM2-416-03	1	31
		1	33
		1	37
		1	39
		1	45
		1	49
STABILISER LEG	LM2-416-00	1	31
		1	33
		1	37
		1	39
		1	45
		1	49
STAGE 1 MAST - 2.6 M	LM2-261-00	2	7
STAGE 1 MAST - 3.1 M	LM2-246-00	2	13
STAGE 1 MAST - 3.6 M	LM2-237-00	2	17
STAGE 2 MAST 2.6 M	LM2-256-00	2	5
STAGE 2 MAST 3-1 M	LM2-246-00	2	11
STAGE 2 MAST 3-6 M	LM2-237-00	2	15
STANDARD CHAIN ROLLER PIN	LM2-214-00	2	9
STANDARD FORK CARRIAGE ASSEMBLY	LM2-25-00	2	35
STARTER MOTOR	16611-63013-1	4	13
STARTER MOTOR	16611-6301-0	4	29
STEERING COLUMN	YSTEER1	3	7
STEERING PUMP	YSTEERPUMP1	7	5
SUMP ASSEMBLY	1G900-01601	4	13
SUZI SOCKET	YSUZI1	1	5
SWITCH ACCESS PANEL	LM2-510-06	3	13
SWITCH BLANK	YSWITCH50	3	13
SWITCH GUARD	LM1-500-12	3	13
SWIVEL GREASE NIPPLE ADAPTER	YNIPADAPTER3	1	27
TANK BRACE	LM2-600-02	4	39
TAPER BEARING SET RETAINING WASHER	LM2-44-07	1	43
TAPER ROLLER BEARING 33112	YBEARING32	1	47
		1	43
TAPER ROLLER BEARING 33210	YBEARING33	1	49
		1	43

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
TAPER ROLLER BEARING 33210	YBEARING33	1	47
		2	29
TEMPERATURE SWITCH (3 CYL.)	16222-83041	4	13
THERMAL SWITCH HOUSING	LM2-607-01	4	11
THERMAL SWITCH RADIATOR FAN	YSWITCH62	4	11
THERMOSTAT COVER	16212-73266	4	29
THERMOSTAT COVER (3 CYL.)	16212-73260	4	13
THROTTLE CABLE	LM2-600-01	4	45
THROTTLE CABLE MOUNT	LM2-104-03	4	9
		4	27
THROTTLE LINKAGE	LM2-500-61	4	45
THROTTLE RELAY PLATE	LM2-500-46	4	45
THROTTLE REPLAY	LM2-500-50	4	45
TILT CYLINDER	LM2-210-03	2	33
TILT FRAME	LM2-206-00	2	31
TILT LEVER LINK	LM2-500-68	3	15
TOP COOLANT HOSE	LM2-101-15	4	11
TOP HOSE - 1505T - SHORT	LM2-103-50	4	31
TOP RADIATOR STRUT	LM2-100-98	4	15
		4	33
TOP STABILISER PIN	LM2-44-01	1	31
		1	33
		1	37
		1	39
		1	45
		1	49
		2	47
TURN BUCKLE TENSIONER	TURNBUCKLE ASSY	2	47
TWIN HOSE CLAMP – 12 MM HOSE	YPCT12	2	29
UK NUMBER PLATE HOLDER	YPLHOLD1	1	15
UPPER CAB	LM2-512-00	3	11
V1505T EXHAUST DOWNPIPE	LM2-605-38	4	27
WASHER, NYLON, WHITE	WASHER, NYLON,	3	11
WATER FLANGE AND THERMOSTAT	WFLG_1G90200000	4	29
WIPER SEAL	YWIPSEAL2	2	35
X-TUBE PANTOGRAPH PIVOT	LM2-209-00	2	33
YBEARING21	YBEARING21	2	33

## INDEX OF PART DESCRIPTIONS

Description	Part Number	Chap	Page
YBLOCK 5 MOUNT	LM2-606-04	7	19
YBLOCK6 MOUNT	LM2-600-03	7	19
YLIGHT41 MOUNTING ADAPTER PLATE	LM2-101-60	1	19



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