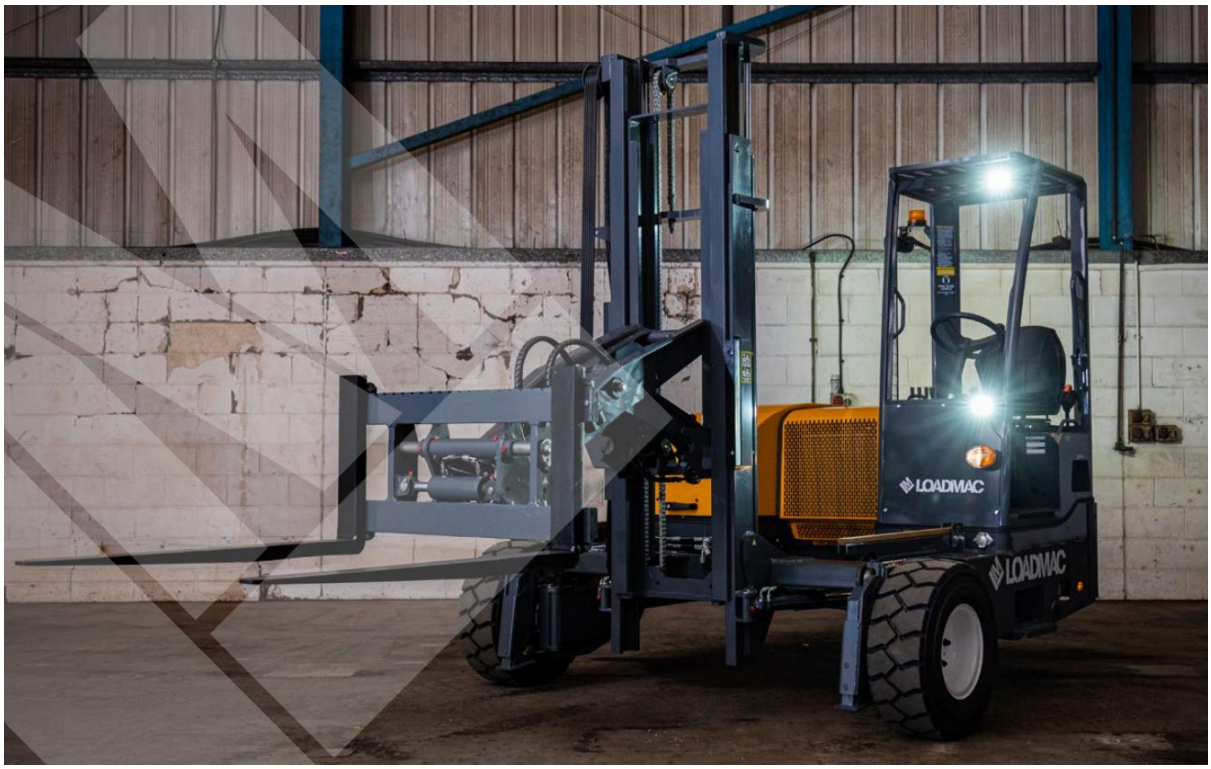
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PREFACE

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ISSUE LEVEL

0.	Draft issue – North American specification	3rd June 2024
1.	First issue – North American specification	3rd June 2024
2.	Second issue - Includes detail for all territories	18th November 2024
3.	Third issue – Includes Stage 5 engine	22nd August 2025
4.	Fourth issue – Engine mount parts changes	4th November 2025

WARNINGS AND CAUTIONS

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH (COSHH)

Make sure you know the safety precautions and first aid instructions before you use a hazardous substance.

Read the label on the container in which the substance is supplied.

Read the data sheet applicable to the substance.

Obey local orders and regulations.

warnings

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

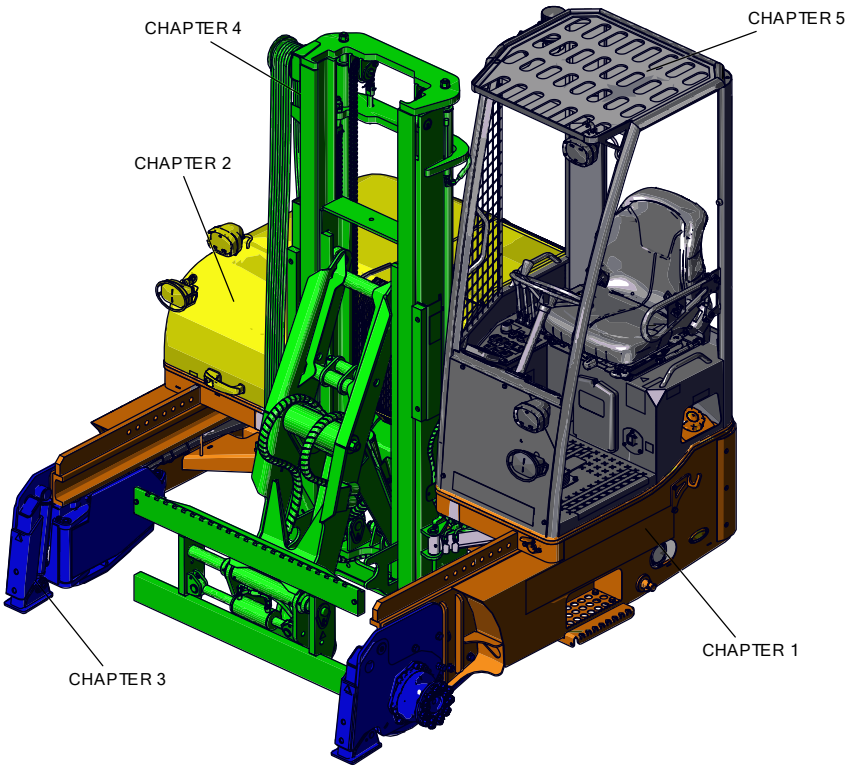
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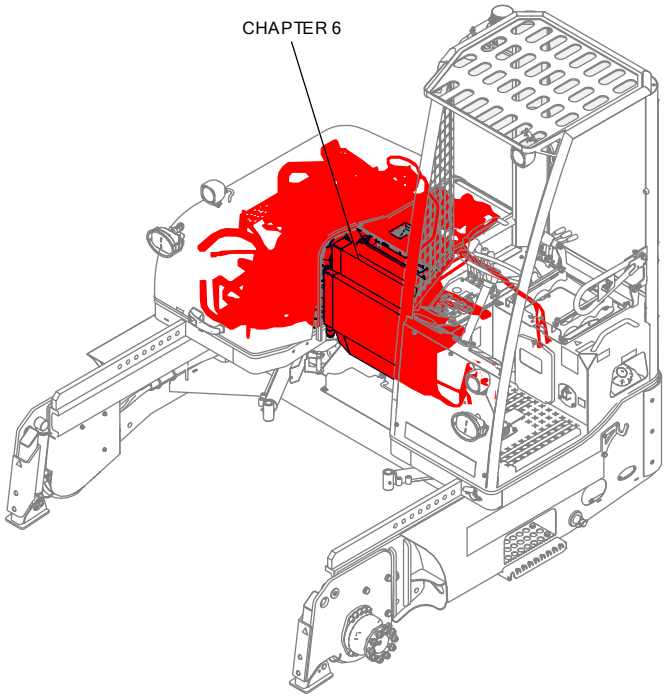


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CHAPTER1: CHASSIS

CHAPTER1.1: CHASSIS BASE ASSEMBLY

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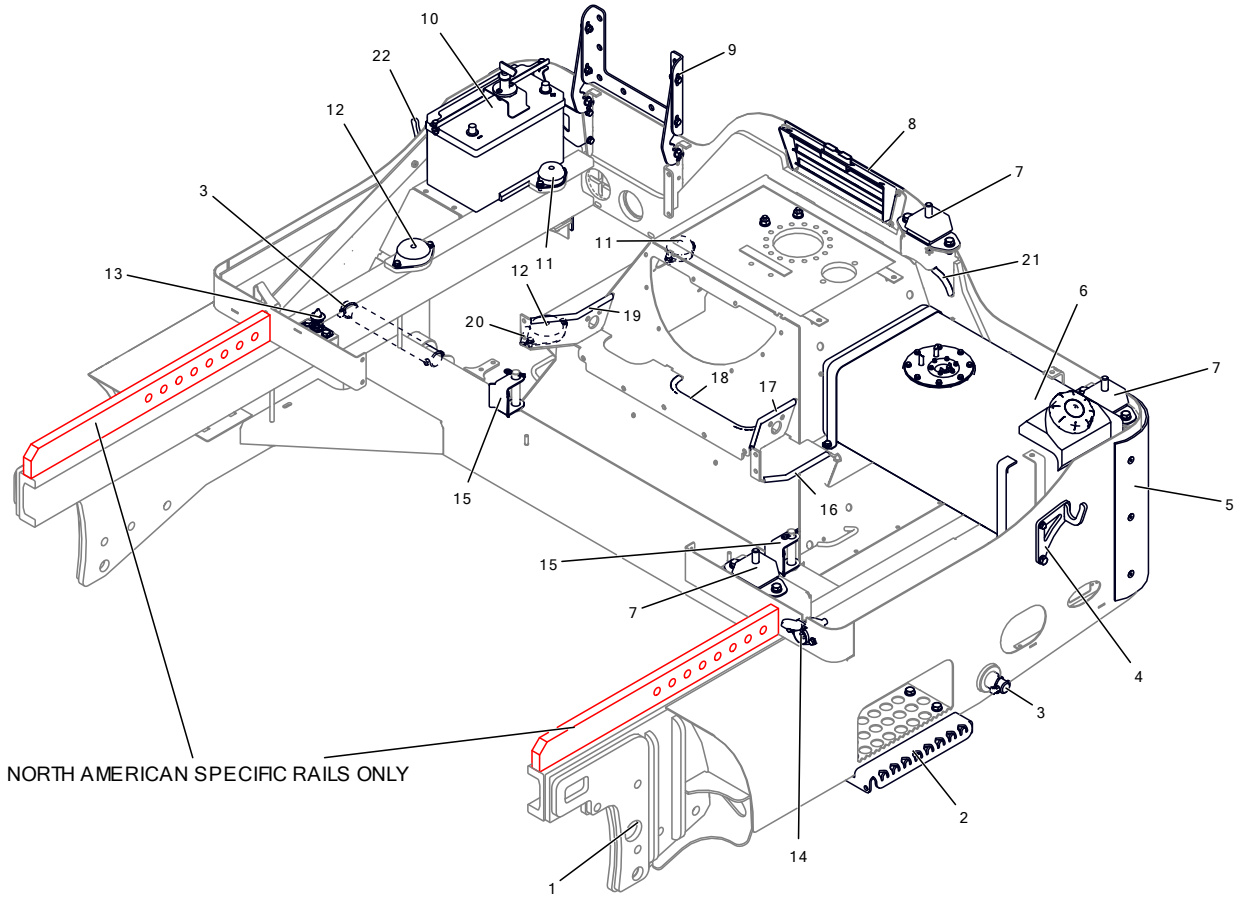


Figure 2: LM1-160-100 –CHASSIS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-150-00	1	CHASSIS WELD ASSEMBLY – AUSTRAILAN / UK / ROW	
	LM1-160-00		CHASSIS WELD ASSEMBLY – NORTH AMERICA (NOTE ADDITIONAL WELDED RAILS)	
2	LM1-100-440	1	CHASSIS STEP ASSEMBLY	
3	LM1-107-100	2	CHAIN PIN ASSEMBLY	
4	LM1-906-500	1	CHASSIS CHAIN HOOK ASSEMBLY LH	
5	LM1-100-270	2	CORNER GUARD	
6	LM1-602-750	1	DIESEL TANK COMPLETE WITH MOUNTINGS	
7	LM1-100-500	3	CAB MOUNT ASSEMBLY	
8	LM1-106-330	1	REAR CHASIS LOUVRE COMPLETE	
9	LM1-125-100	1	BONNET HINGE ASSEMBLY	
10	LM1-870-10	1	BATTERY AND MOUNTING ASSEMBLY	
11	YMOUNT10	2	RUBBER ENGINE MOUNT WAS YMOUNT6	
12	YMOUNT12	2	RUBBER ENGINE MOUNT WAS YMOUNT5	
13	LM1-100-610	1	BONNET LATCH ASSEMBLY	
14	LM1-800-10	1	SUZI SOCKET WITH FASTENERS	
15	LM1-107-03	2	HOSE SWIVEL BRACKET	
16	LM1-154-13	1	YSEALSTRIP30 195MM LONG	
17	LM1-154-11	1	YSEALSTRIP30 230MM LONG	
18	LM1-154-17	1	YSEALSTRIP30 195MM LONG	
19	LM1-154-12	1	YEALSTRIP30 230MM LONG	
20	LM1-154-14	1	YSEALSTRIP30 65MM LONG	
21	LM1-154-15	1	YSEALSTRIP30 195MM LONG	
22	LM1-906-400	1	CHASSIS CHAIN HOOK ASSEMBLY RH	

Table 1: LM1-160-100 - CHASSIS ASSEMBLY - BOM

CHAPTER1.2: BOLT ON STEP

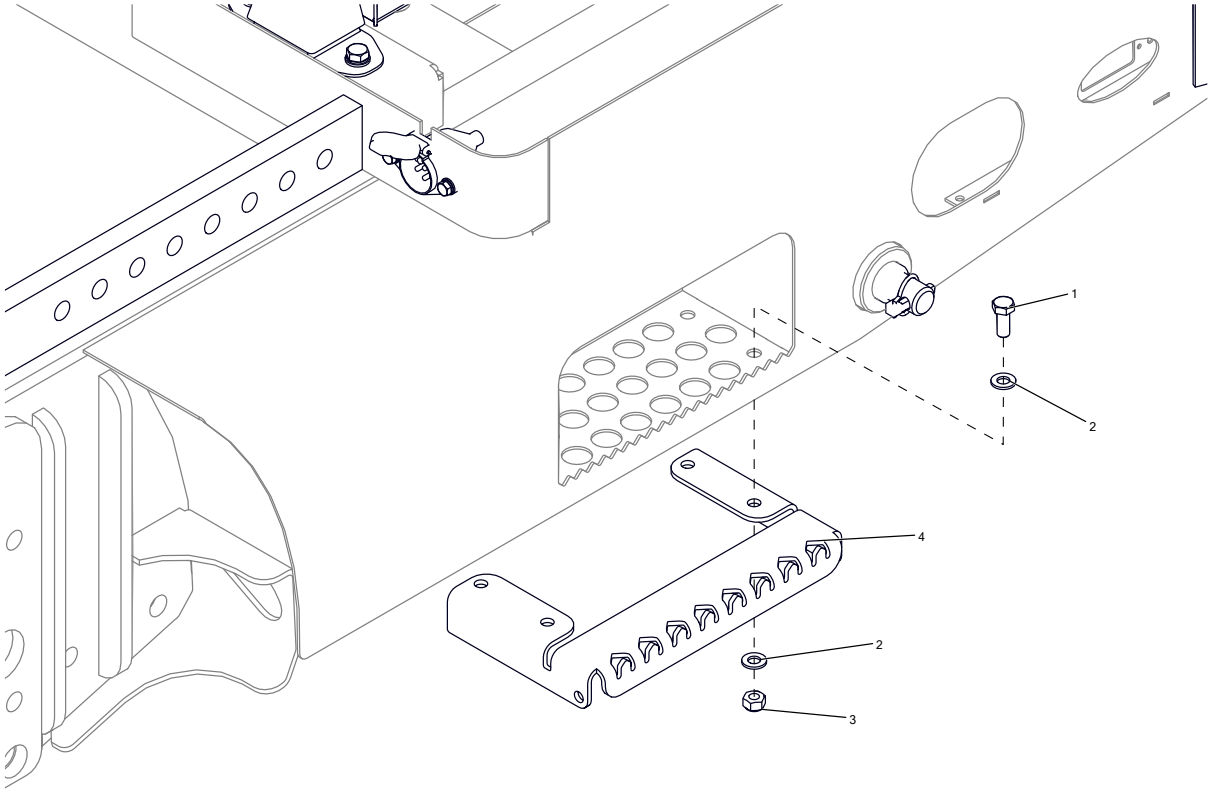


Figure 3 LM1-100-440 BOLT ON STEP

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS12030Z	4	M12 X 30 HEX HEAD SCREW 8.8	
2	XW12AZ	8	M12 FORM A WASHER	
3	XN12N	4	M12 NYLOC NUT	
4	LM1-100-44	1	BOLT ON STEP	

Table 2: LM1-100-440 BOLT ON STEP

CHAPTER1.3: CHAIN PIN ASSEMBLY

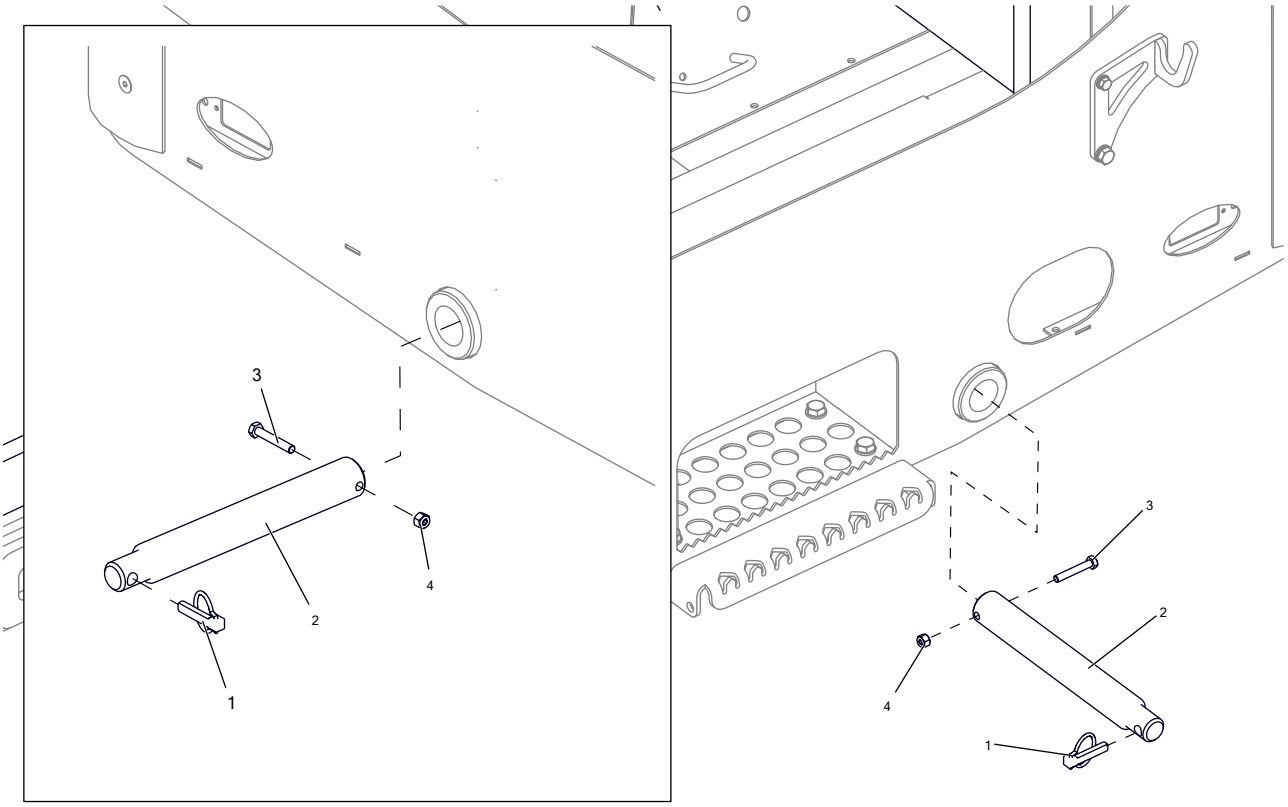


Figure 4: LM1-107-100 CHAIN PIN ASSEMLBY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YLPIN1	2	LYNCH PIN	
2	LM1-107-01	2	LOADING CHAIN PIN	
3	XS08050Z	2	M8 X 50 HEX HEAD SCREW 8.8	
4	XN08N	2	M8 NYLOC NUT	

Table 3: LM1-107-100 CHAIN PIN ASSEMLBY

CHAPTER1.4: CHAIN HOOKS

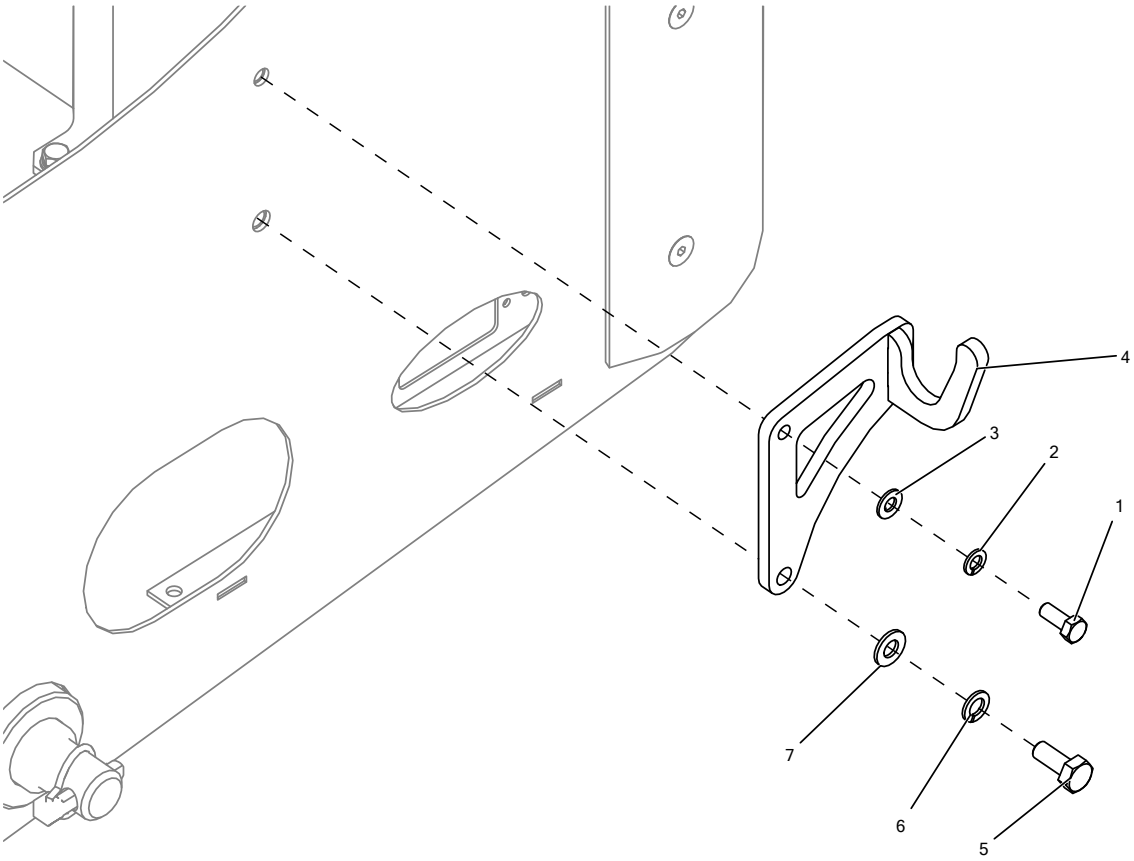


Figure 5: LM1-906-500 LH CHASSIS CHAIN HOOK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS08020Z	1	M8 X 20 HEX HEAD SCREW 8.8	
2	XW08SZ	1	M8 SPRING WASHER	
3	XW08AZ	1	M8 FORM A WASHER	
4	LM1-906-05	1	CHAIN HOOK - LH	
5	XS10025ZFINE	1	M10 X 25 HEX HEAD SCREW 8.8 FINE	
6	XW10SZ	1	M10 SPRING WASHER	
7	XW10AZ	1	M10 FORM A WASHER	

Table 4: LM1-906-500 LH CHASSIS CHAIN HOOK ASSEMBLY

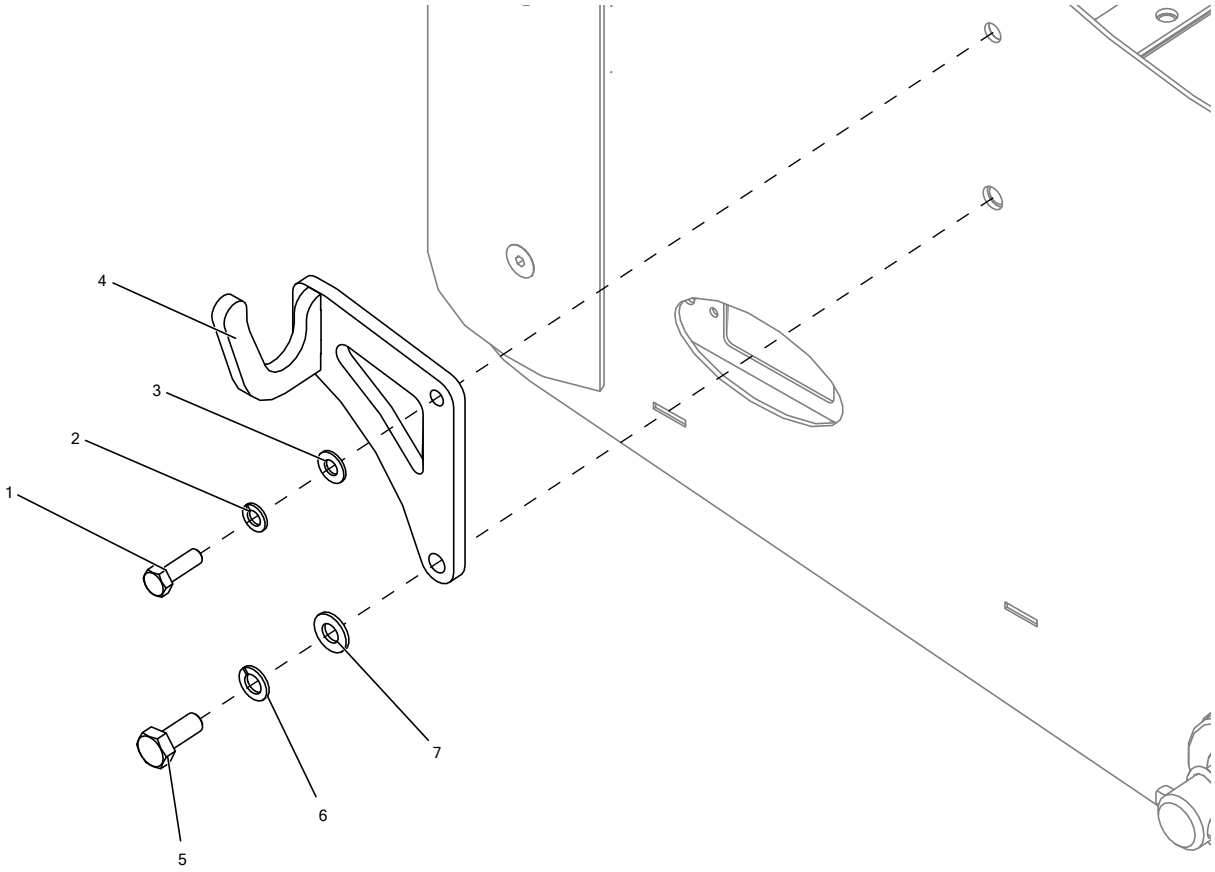


Figure 6: LM1-906-400 RH CHASSIS CHAIN HOOK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS08025Z	1	M8 X 20 HEX HEAD SCREW 8.8	
2	XW08SZ	1	M8 SPRING WASHER	
3	XW08AZ	1	M8 FORM A WASHER	
4	LM1-906-04	1	CHAIN HOOK - RH	
5	XS10025Z	1	M10 X 25 HEX HEAD SCREW 8.8	
6	XW10SZ	1	M10 SPRING WASHER	
7	XW10AZ	1	M10 FORM A WASHER	

Table 5: LM1-906-400 RH CHASSIS CHAIN HOOK ASSEMBLY - BOM

CHAPTER1.5: CORNER GUARDS

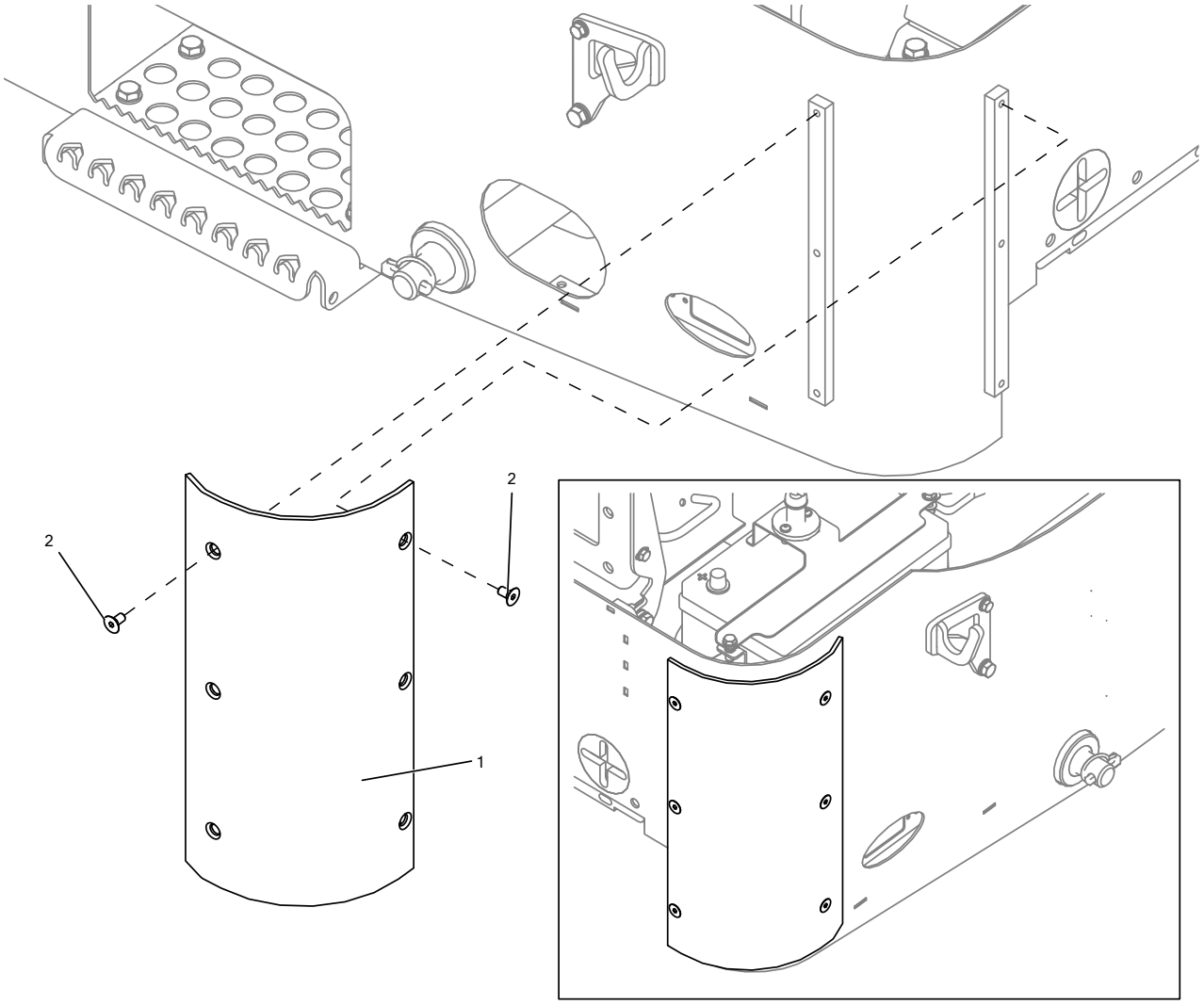


Figure 7: LM1-100-270 CORNER GUARD

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-100-27	1	CORNER GUARD	
2	XCSK08016SKTZB	12	M8 X 16 CSUNK SCREW 8.8	

Table 6: LM1-100-270 CORNER GUARD - BOM

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CHAPTER1.6: DIESEL TANK

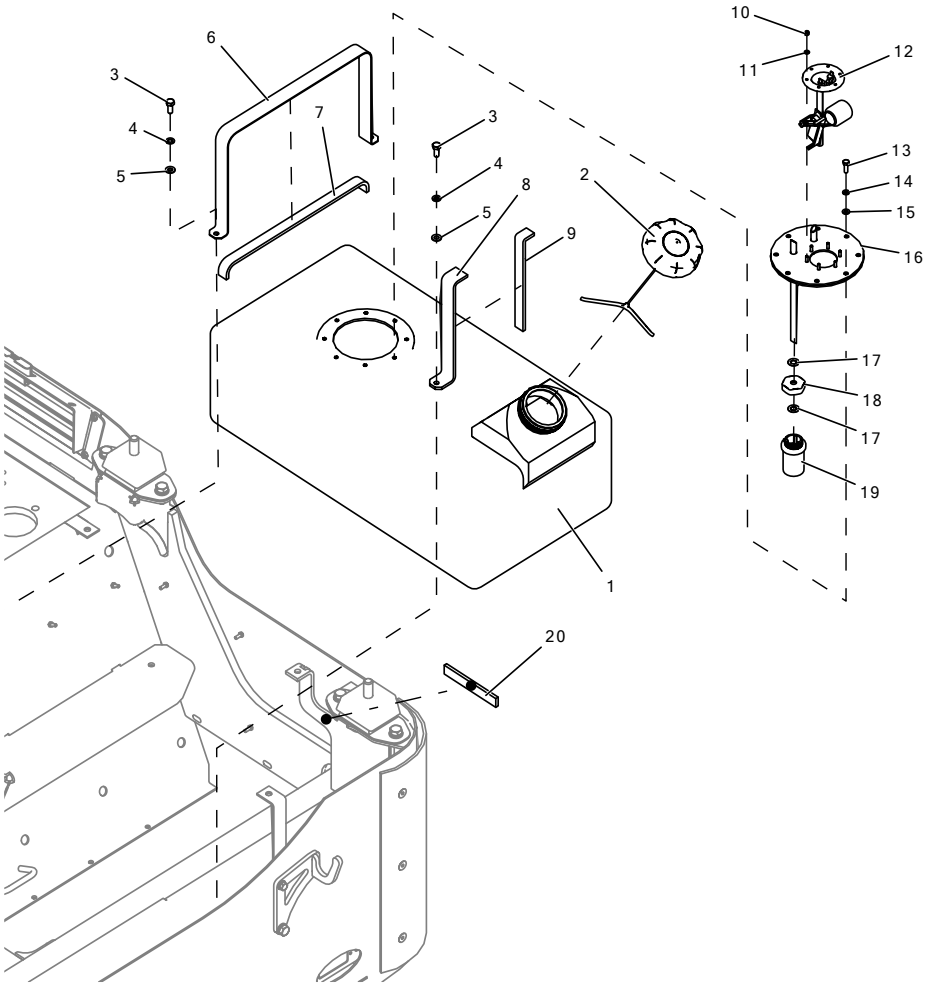


Figure 8: LM1-602-750 DIESEL TANK COMPLETE WITH MOUNTINGS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-602-07	1	DIESEL TANK	
2	YFILLER5	1	FUEL CAP – NON-LOCKING	
3	XS08020Z	4	M8 C 20 HEX HEAD SCREW 8.8	
4	XW08SZ	3	M8 SPRING WASHER	
5	XW08AZ	3	M8 FORM A WASHER	
6	LM1-602-02	1	FUEL TANK STRAP	
7	LM1-154-09	1	YTAPE3 380MM LONG	
8	LM1-602-03	1	FUEL TANK STRAP SMALL	
9	LM1-154-08	1	YTAPE3 130MM LONG	
10	XN04N	6	M4 NYLOC NUT	
11	XW04AZ	6	M4 FORM A WASHER	
12	LM1-602-20	1	YSENDER1 MODIFIED FOR 855 DIESEL TANK	
13	XS06020Z	8	M6 X 20 HEX HEAD SCREW 8.8	
14	XW06SZ	8	M6 SPRING WASHER	
15	XW06AZ	8	M6 FORM A WASHER	
16	LM1-100-58	1	FUEL TANK INTERFACE ASSEMBLY	
17	XW10STAR	2	25mm STARLOCK ZINC & CLEAR	
18	YSTRAINERCAP1	1	DIESEL STRAINER CAP BRASS 1" BSP	
19	YSTRAINER1	1	DIESEL STRAINER STAINLESS STEEL 1" BSP	
20	LM1-154-08	1	YTAPE3 130MM LONG	

Figure 9: LM1-602-750 DIESEL TANK COMPLETE WITH MOUNTINGS – BOM

CHAPTER1.7: CAB MOUNTS

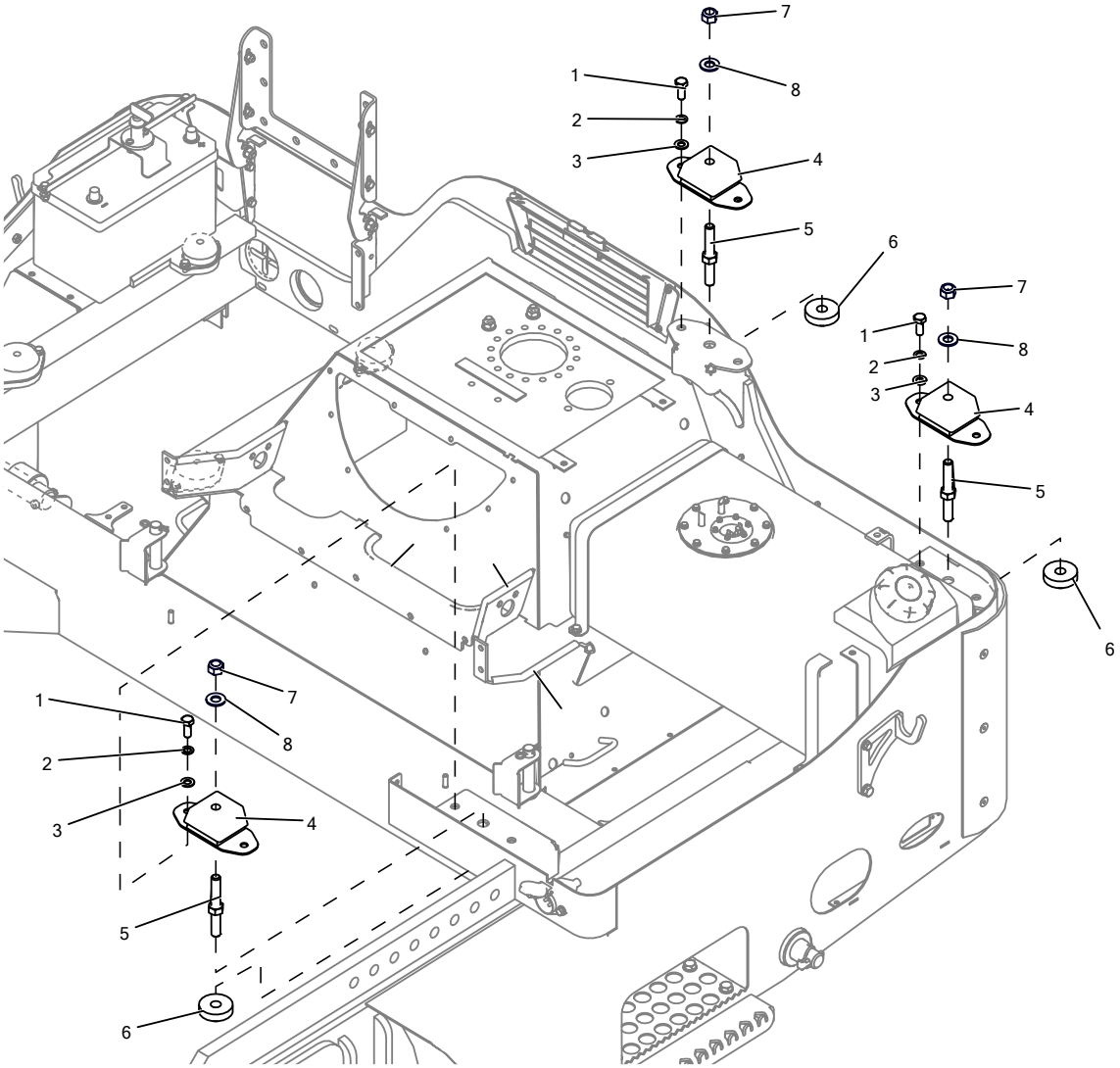


Figure 10: LM1-100-500 CAB MOUNTS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS12035Z	6	M12 X 35 HEX HEAD SCREW 8.8	
2	XW12SZ	6	M12 SPRING WASHER	
3	XW12AZ	6	M12 FORM A WASHER	
4	YMOUNT7	3	RUBBER CAB MOUNT	
5	LM1-500-25	3	CAB MOUNT BAR	
6	LM1-503-02	3	CAB MOUNT WASHER	
7	XN16N	3	M16 NYLOC NUT	
8	XW16CZ	3	M16 FORM C WASHER	

Table 7: LM1-100-500 CAB MOUNTS - BOM

CHAPTER1.8: REAR CHASSIS LOUVRE

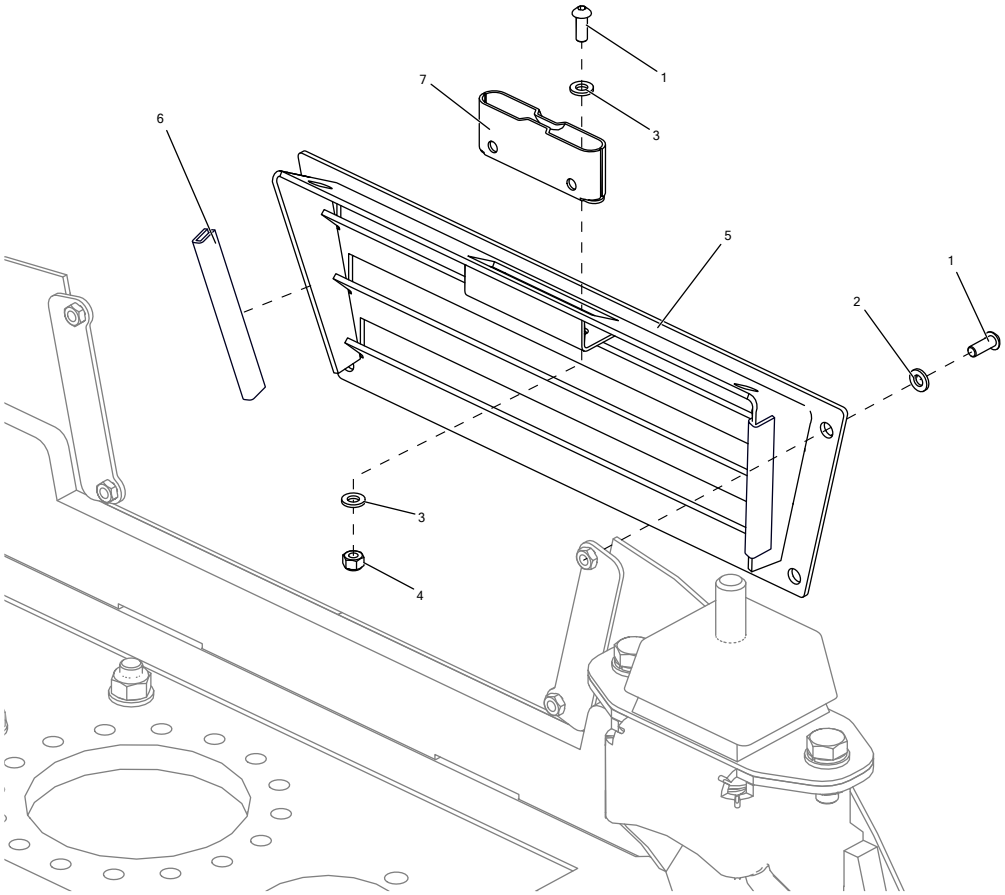


Figure 11: LM1-106-330 REAR CHASSIS LOUVRE COMPLETE

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XBUT06016SKTZB	6	M6 X 16 BUTTON HEAD SCREW 8.8	
2	XW06CZ	4	M6 FORM C WASHER	
3	XW06AZ	4	M6 FORM A WASHER	
4	XN06N	2	M6 NYLOC NUT	
5	LM1-106-30	1	LOWER LOUVRE ASSY	
6	LM1-154-23	2	YSEALSTRIP30 X 100MM	
7	YLATCH14	1	CENTER BONNET LATCH	

Table 8: LM1-106-330 REAR CHASSIS LOUVRE COMPLETE - BOM

CHAPTER1.9: BONNET HINGE

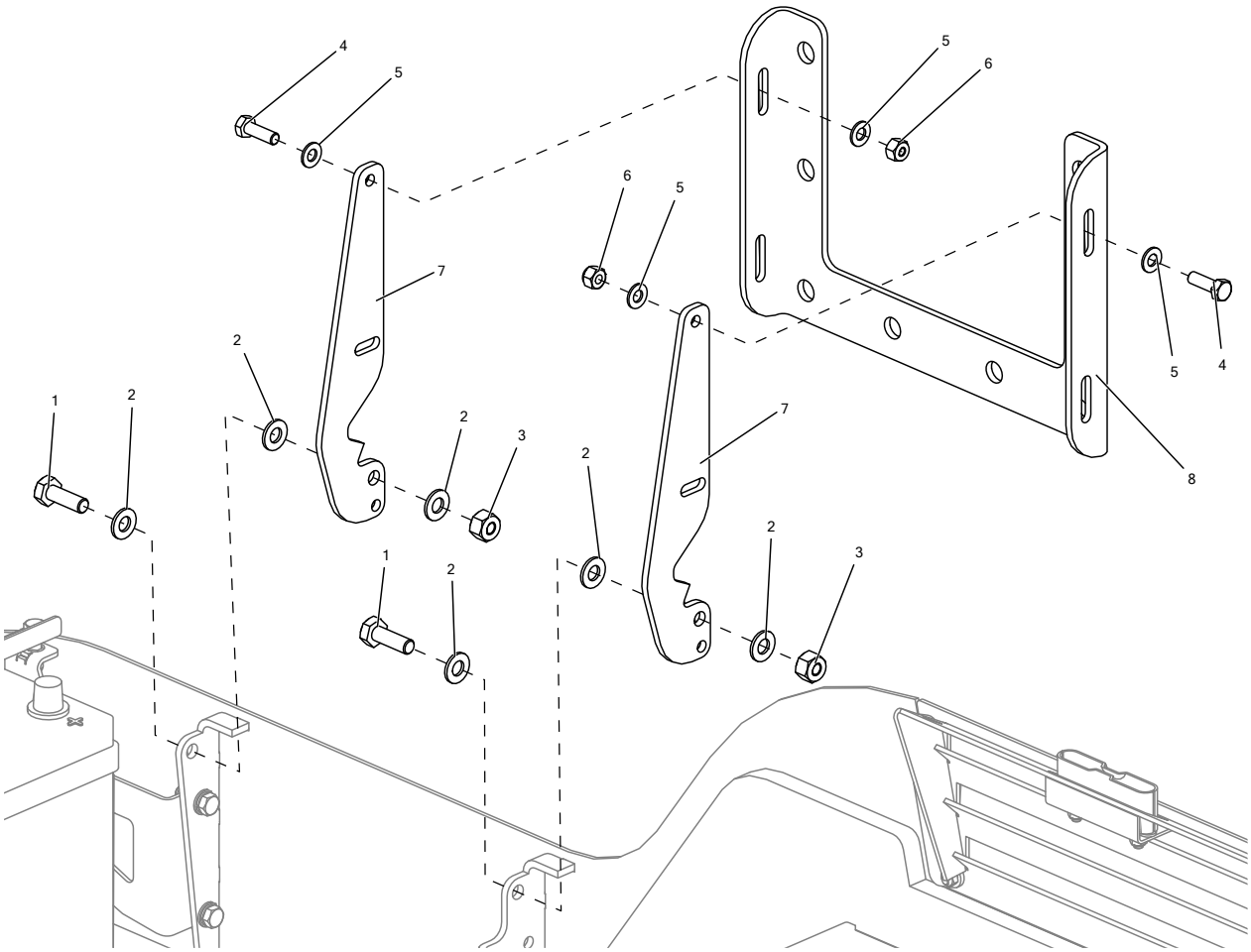


Figure 12: LM1-125-100 BONNET HINGE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS10030Z	2	M10 X 30 HEX HEAD SCREW 8.8	
2	XW10AZ	6	M10 FORM A WASHER	
3	XN10N	2	M10 NYLOC NUT	
4	XS08030Z	4	M8 X 30 HEX HEAD SCREW 8.8	
5	XW08AZ	8	M8 FORM A WASHER	
6	XN08N	4	M8 NYLOC NUT	
7	LM1-125-40	2	BONNET HINGE ADJUSTABLE - VARIANT	
8	LM1-125-15	1	BONNET HINGE	

Table 9: LM1-125-100 BONNET HINGE ASSEMBLY – BOM

CHAPTER1.10: BONNET LATCH

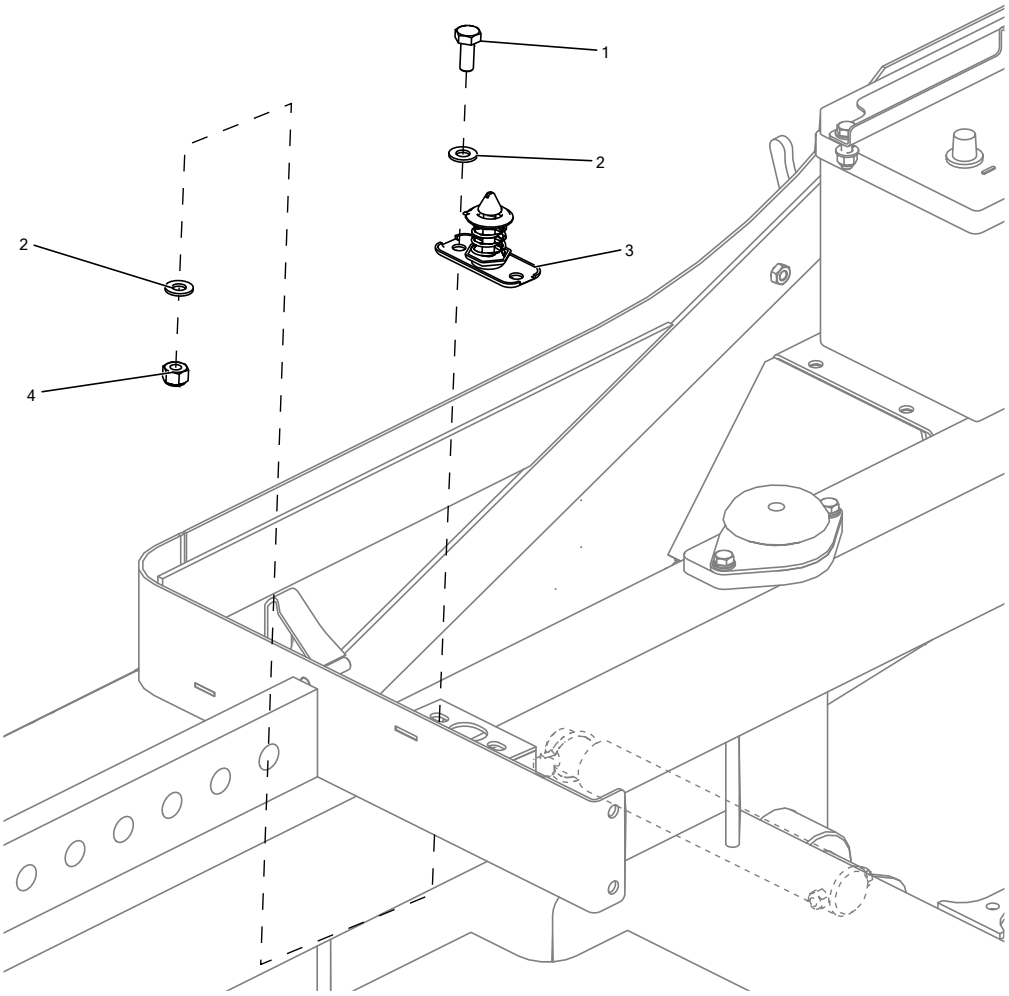


Figure 13: LM1-100-610 BONNET LATCH

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS10025Z	2	M10 X 25 HEX HEAD SCREW 8.8	
2	XW10AZ	4	M10 FORM A WASHER	
3	YLATCH61	1	BONNET LOCK, UPPER PART (UPSIDE DOWN)	
4	XN10N	2	M10 NYLOC NUT	

Table 10: LM1-100-610 BONNET LATCH - BOM

CHAPTER1.11: BATTERY

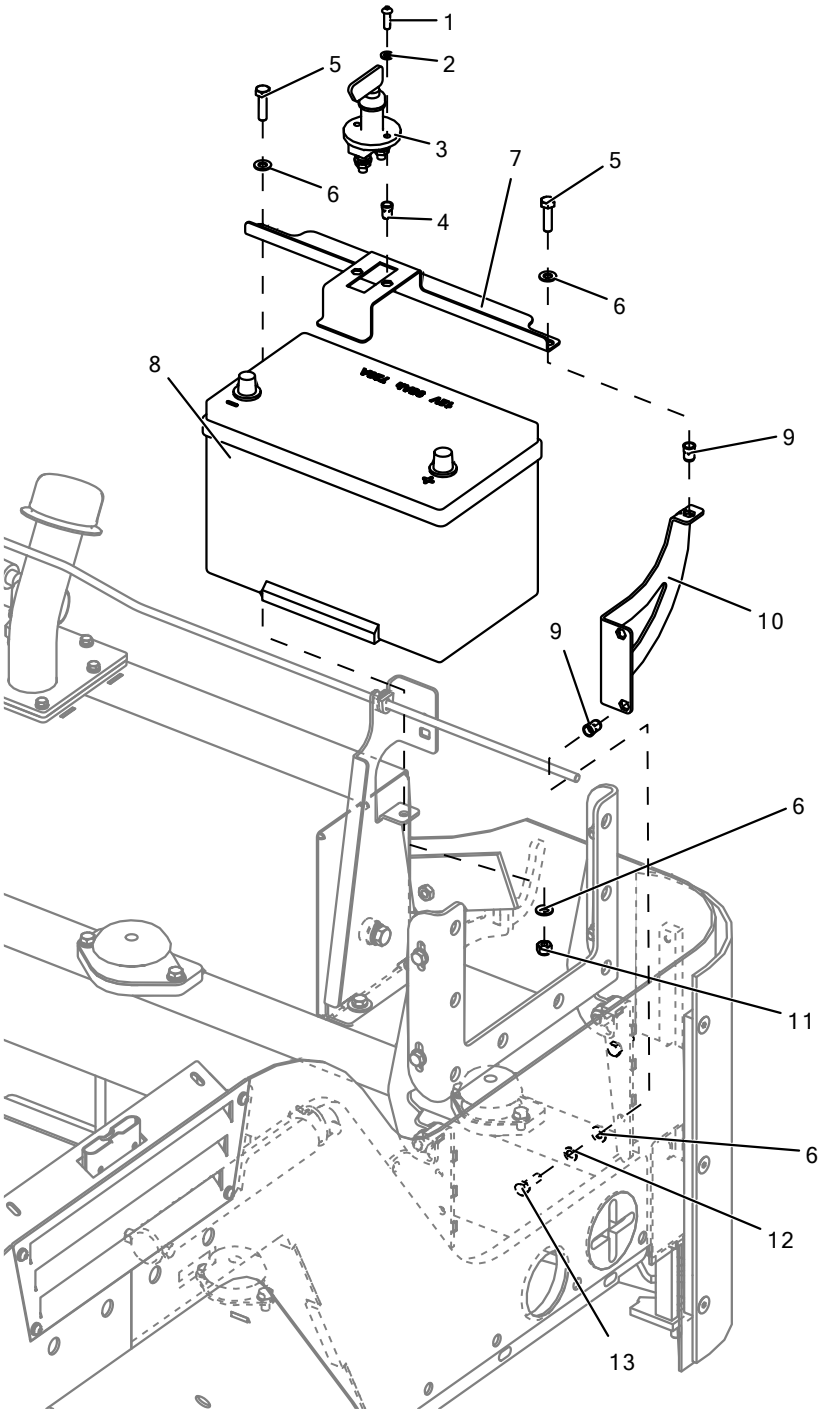


Figure 14: LM1-870-10 BATTERY AND MOUNTING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XBUT06020Z	2	M6 X 20 HEX HEAD SCREW 8.8	
2	XW06AZ	2	M6 FORM A WASHER	
3	YISO1	1	BATTERY ISOLATOR SWITCH	
4	XNS06H	2	M6 HEX NUTSERT	
5	XS08030Z	2	M8 X 30 HEX HEAD SCREW 8.8	
6	XW08AZ	5	M8 FORM A WASHER	
7	LM1-710-44	1	BATTERY CLAMP AND ISOLATOR MOUNT	
8	YBATTERY1	1	BATTERY	
9	XNS08H	3	M8 HEX NUTSERT	
10	LM1-710-43	1	BATTERY CLAMP BRACKET	
11	XN08N	1	M8 NYLOC NUT	
12	XW08SZ	2	M8 SPRING WASHER	
13	XS08020Z	2	M8 X 20 HEX HEAD SCREW 8.8	

Table 11: LM1-870-10 BATTERY AND MOUNTING ASSEMBLY – BOM

CHAPTER1.12: ENGINE MOUNTS

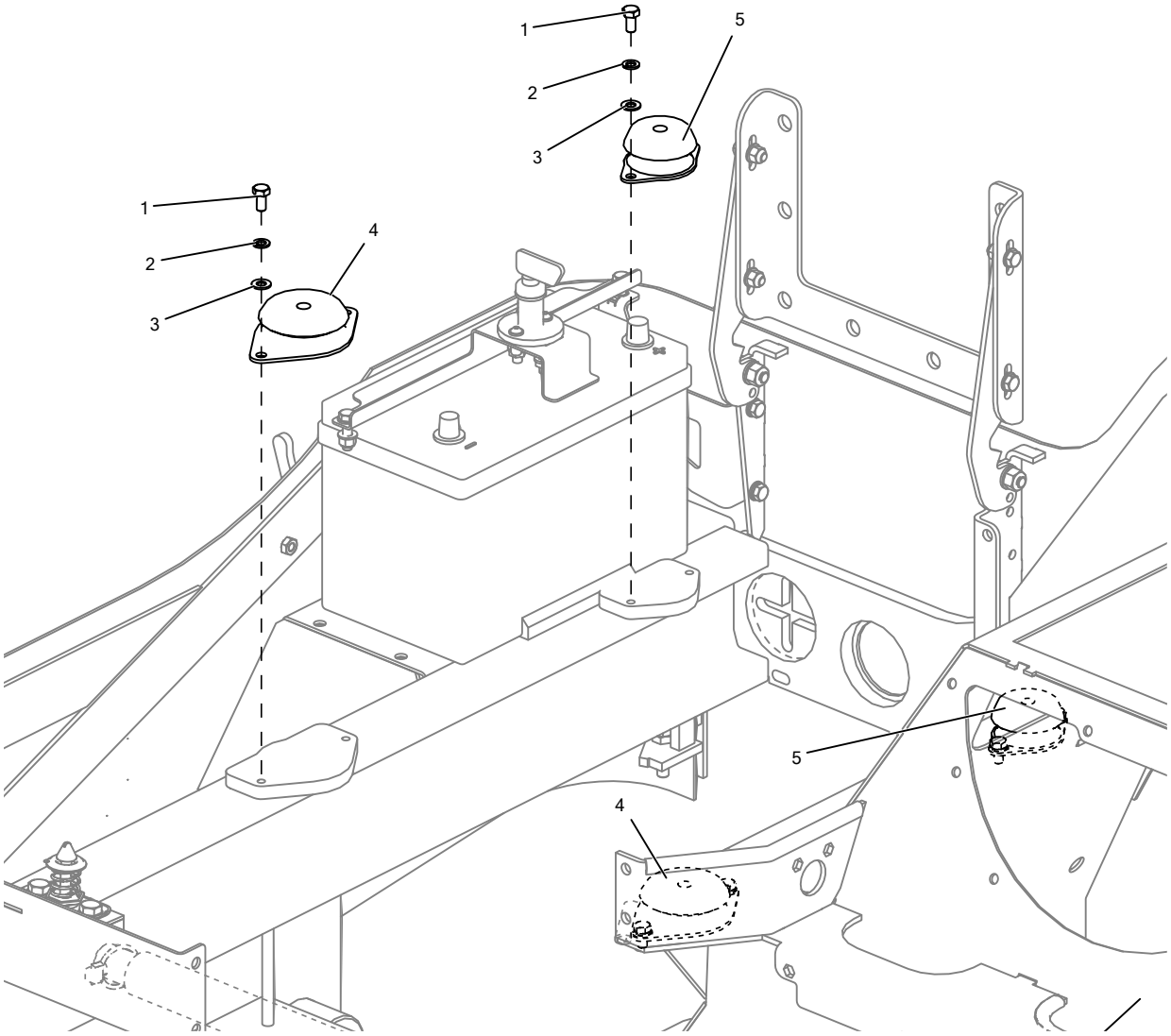


Figure 15: YMOUNT10 AND 12 ENGINE MOUNTS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS08016Z	8	M8 X 16 HEX HEAD SCREW 8.8	
2	XW08SZ	8	M8 SPRING WASHER	
3	XW08AZ	8	M8 FORM A WASHER	
4	YMOUNT12	2	RUBBER ENGINE MOUNT WAS YMOUNT5	
5	YMOUNT10	2	RUBBER ENGINE MOUNT WAS YMOUNT6	

Table 12: YMOUNT10 AND 12 ENGINE MOUNTS - BOM

CHAPTER1.13: SUZI SOCKET

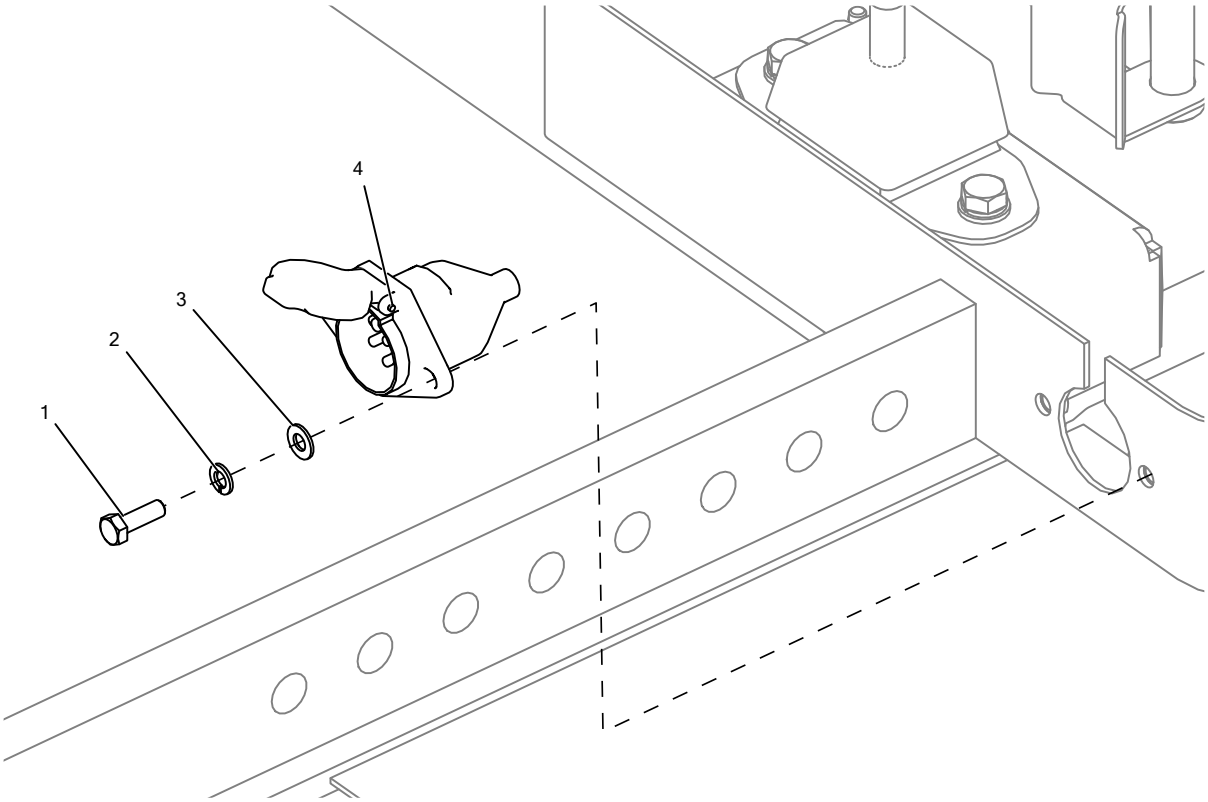


Figure 16: LM1-800-10 SUZI SOCKET

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS08025Z	2	M8 X 25 HEX HEAD SCREW 8.8	
2	XW08SZ	2	M8 SPRING WASHER	
3	XW08AZ	2	M8 FORM A WASHER	
4	YSUZI1	1	SUZI SOCKET – 7-SOCKET	

Table 13: LM1-800-10 SUZI SOCKET - BOM

CHAPTER1.14: BEEPER, HORN AND VALANCE POSITIONS – STANDARD MASTS

(NOT FOR CAM MASTS)

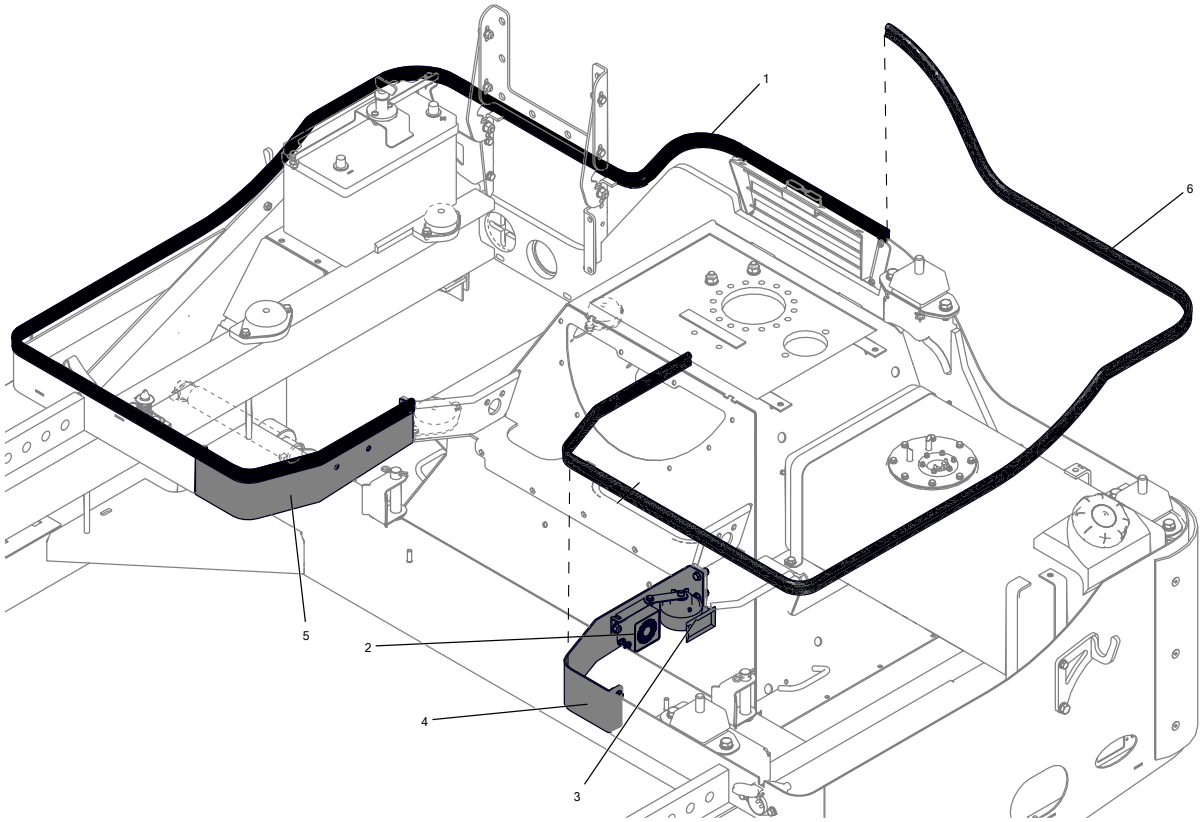


Figure 17: CHASSIS WITH BEEPER HORN AND VALANCE – STANDARD MASTS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-154-01	1	7601501, 3415MM – RHS CHASSIS SEAL STRIP	
2	YBEEP1	1	REVERSE BEEPER 12-24V	
3	YHORN1	1	HORN 12V HIGH TONE 110dB	
4	LM1-100-72	1	VALANCE - STANDARD MAST LH	
5	LM1-100-73	1	VALANCE - STANDARD MAST RH	
6	LM1-154-25	1	7601501, 3025MM – LHS CHASSIS SEAL STRIP	

Table 14: CHASSIS WITH BEEPER HORN AND VALANCE– STANDARD MASTS - BOM

CHAPTER1.15: BEEPER AND HORN ASSEMBLY – STANDARD MASTS

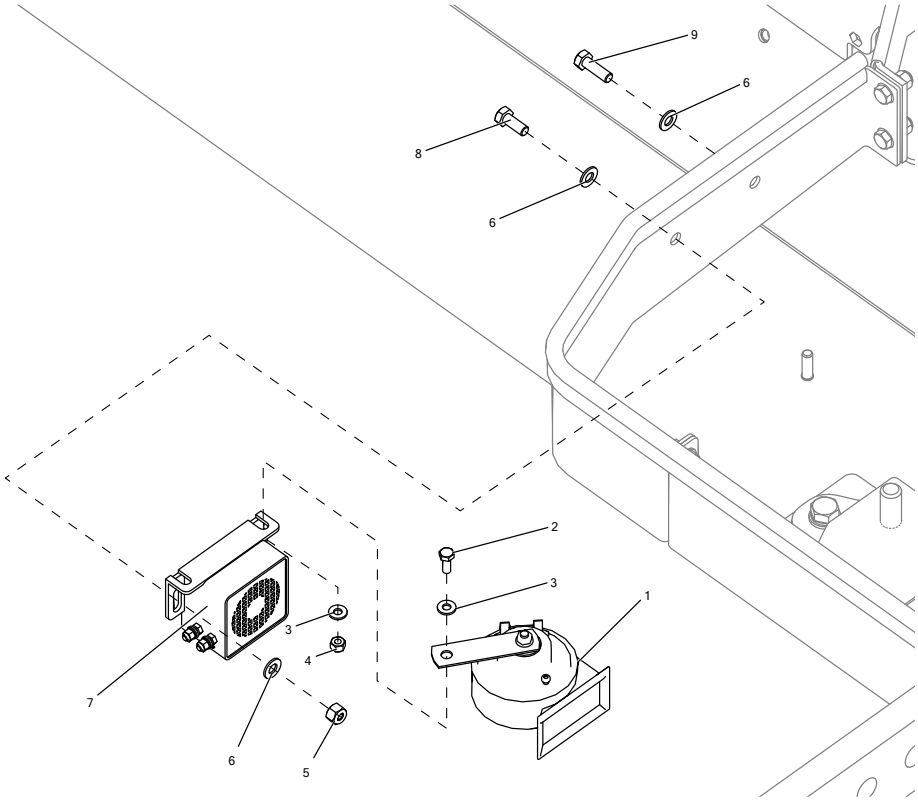


Figure 18: BEEPER AND HORN

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YHORN1	1	TRUMPET HORN 12V HIGH TONE 110dB	
2	XS06016Z	1	M6 X 16 HEX HEAD SCREW 8.8	
3	XW06CZ	2	M6 FORM C WASHER ZINC PLATED	
4	XN06N	1	M6 NYLOC NUT	
5	XN08N	2	M8 NYLOC NUT	
6	XW08AZ	4	M8 FORM A WASHER	
7	YBEEP1	1	REVERSE BEEPER 12-24V	
8	XS08020Z	1	M8 X 20 HEX HEAD SCREW 8.8	
9	XS08025Z	1	M8 X 25 HEX HEAD SCREW 8.8	

Table 15: BEEPER AND HORN - BOM

CHAPTER1.16: VALANCES – STANDARD MAST

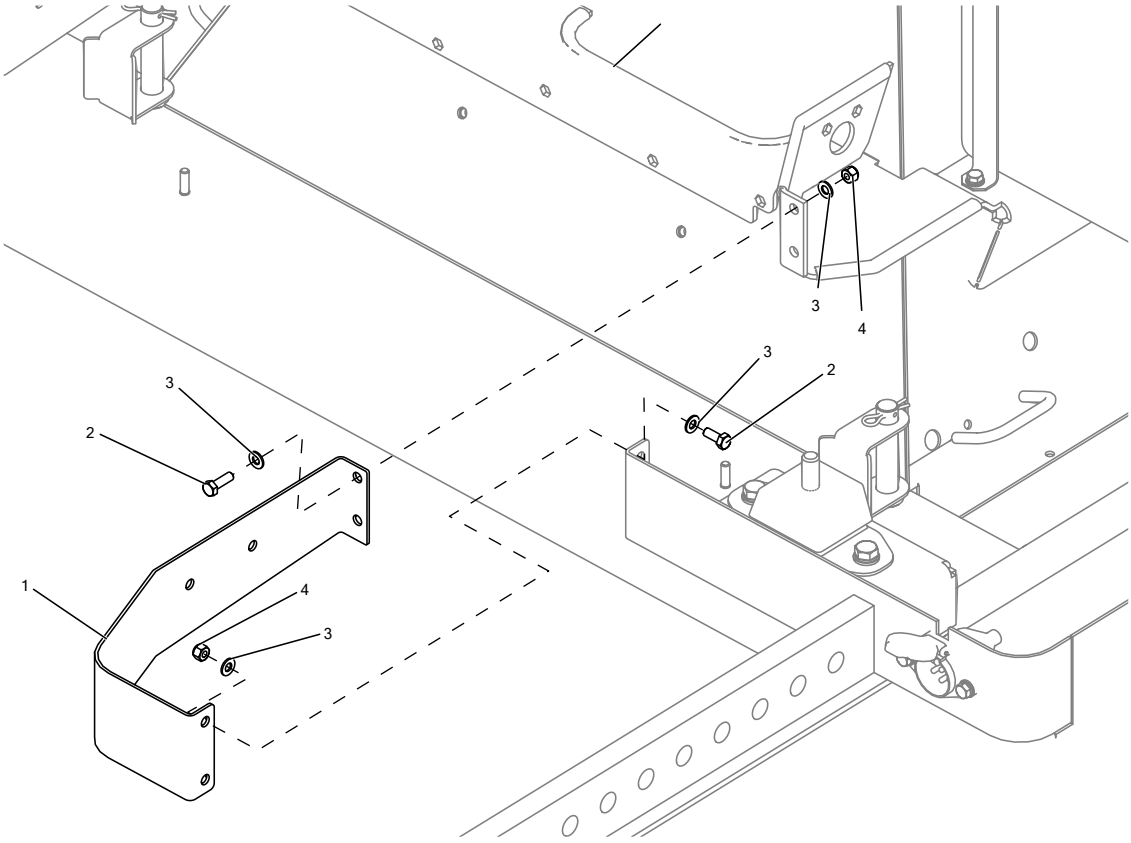


Figure 19: LM1-100-72 LH VALANCE

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-100-72	1	LH VALANCE - STANDARD MAST	
2	XS10030Z	4	M10 X 30 HEX HEAD SCREW 8.8	
3	XW10AZ	8	M10 FORM A WASHER	
4	XN10N	4	M10 NYLOC NUT	

Table 16: LM1-100-72 LH VALANCE - BOM

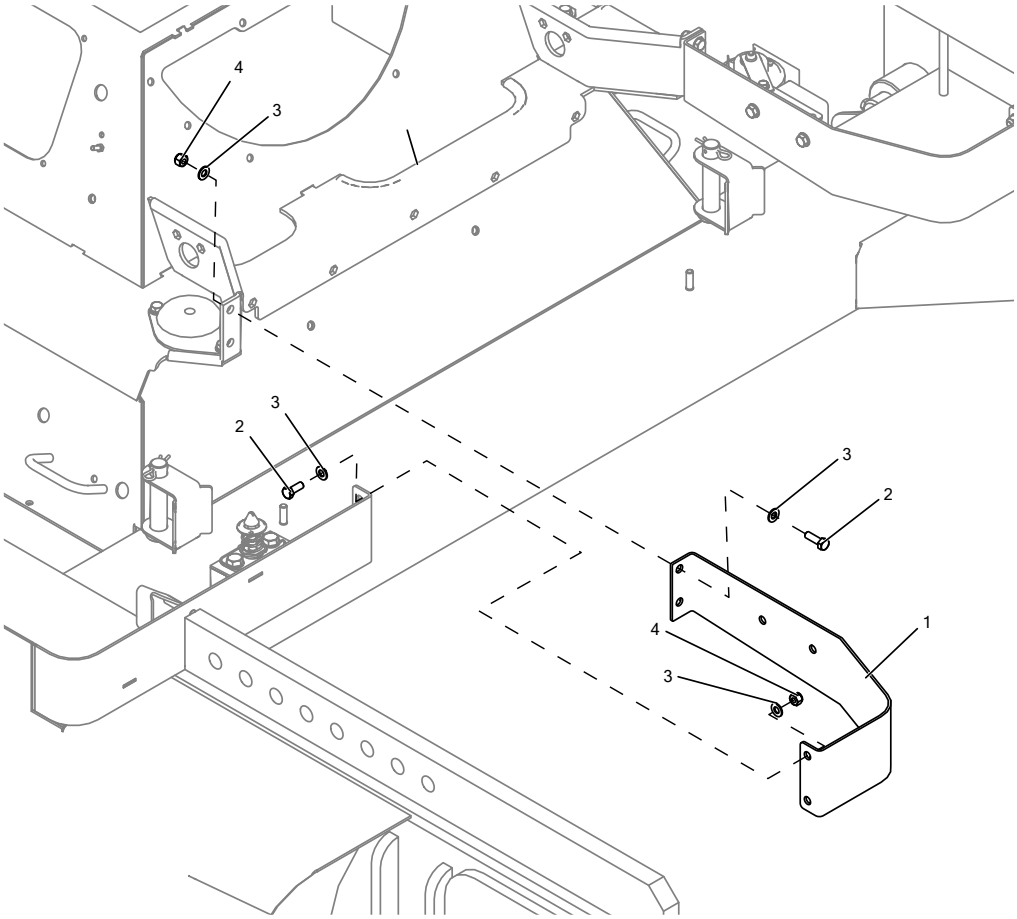


Figure 20: LM1-100-73 RH VALANCE

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-100-73	1	RH VALANCE - STANDARD MAST	
2	XS10030Z	4	M10 X 30 HEX HEAD SCREW 8.8	
3	XW10AZ	8	M10 FORM A WASHER	
4	XN10N	4	M10 NYLOC NUT	

Table 17: LM1-100-73 RH VALANCE - BOM

CHAPTER1.17: BEEPER, HORN AND VALANCE POSITIONS – CAM MASTS

ONLY FOR VEHICLES WITH CAM MASTS INSTALLED (VALANCES ARE DIFFERENT TO ALLOW ROOM FOR CAM MAST STRUCTURE, WHICH CHANGES BEEPER AND HORN POSITIONS). SEE BELOW

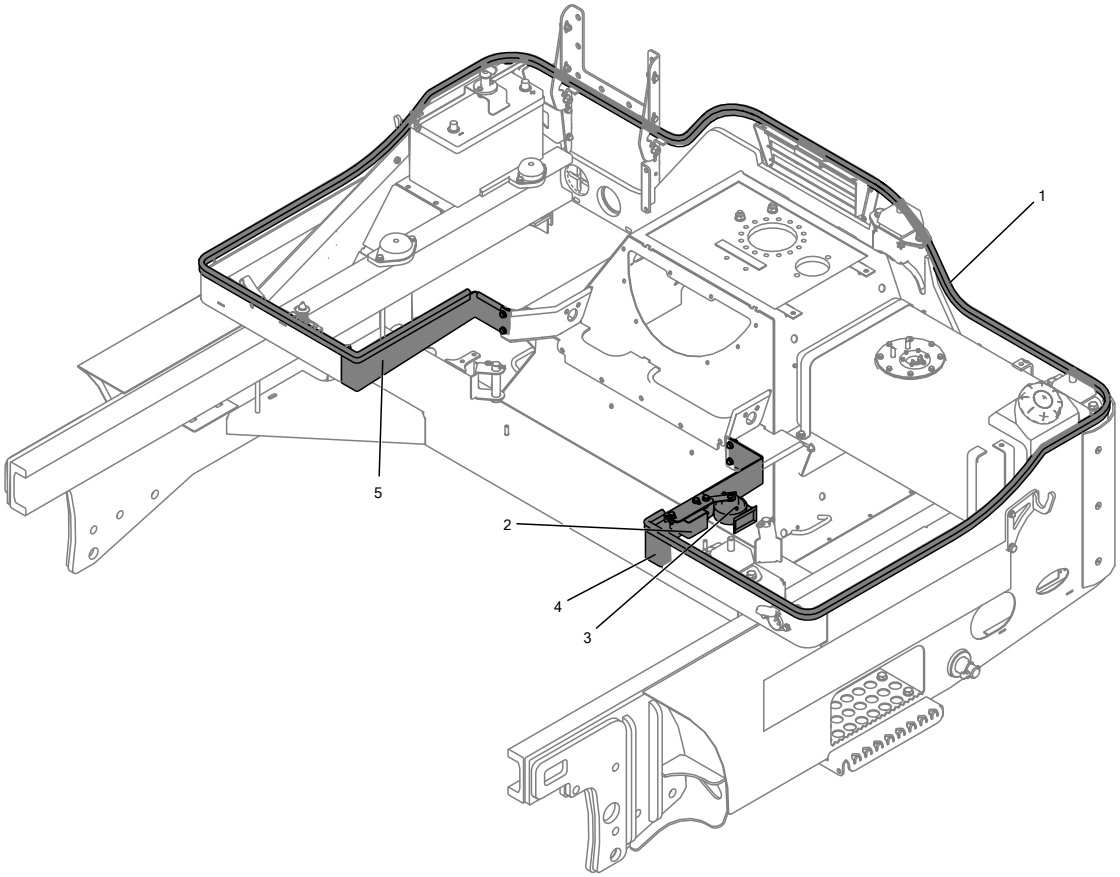


Figure 21: LM1-160-300 CHASSIS WITH BEEPER HORN AND VALANCE – CAM MASTS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-154-06	1	7601501, 5718MM LONG- CHASSIS SEAL CAM	
2	YBEEP1	1	REVERSE BEEPER 12-24V	
3	YHORN1	1	TRUMPET HORN 12V HIGH TONE 110dB	
4	LM1-100-70	1	LH VALANCE - TILTING MAST	
5	LM1-100-71	1	RH VALANCE - TILTING MAST	

Table 18: LM1-160-300 CHASSIS WITH BEEPER HORN AND VALANCE – CAM MASTS - BOM

CHAPTER1.18: BEEPER AND HORN ASSEMBLY – CAM MASTS

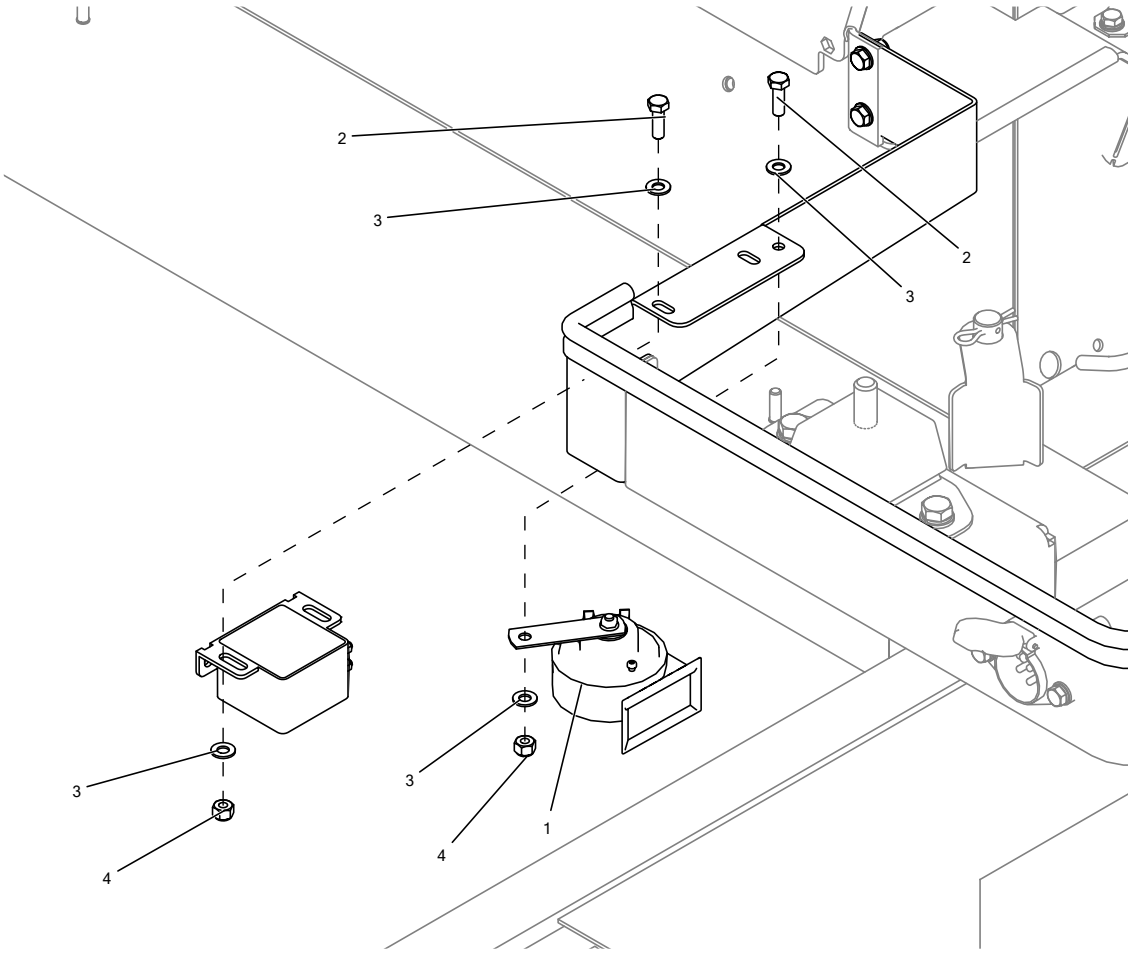


Figure 22: BEEPER AND HORN ASSEMBLY - CAM MASTS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YHORN1	1	TRUMPET HORN 12V HIGH TONE 110dB	
2	XS08020Z	3	M8 X 20 HEX HEAD SCREW 8.8	
3	XW08AZ	6	M8 FORM A WASHER	
4	XN08N	3	M8 NYLOC NUT	

Table 19: BEEPER AND HORN ASSEMBLY - CAM MASTS - BOM

CHAPTER1.19: VALANCES – CAM MAST

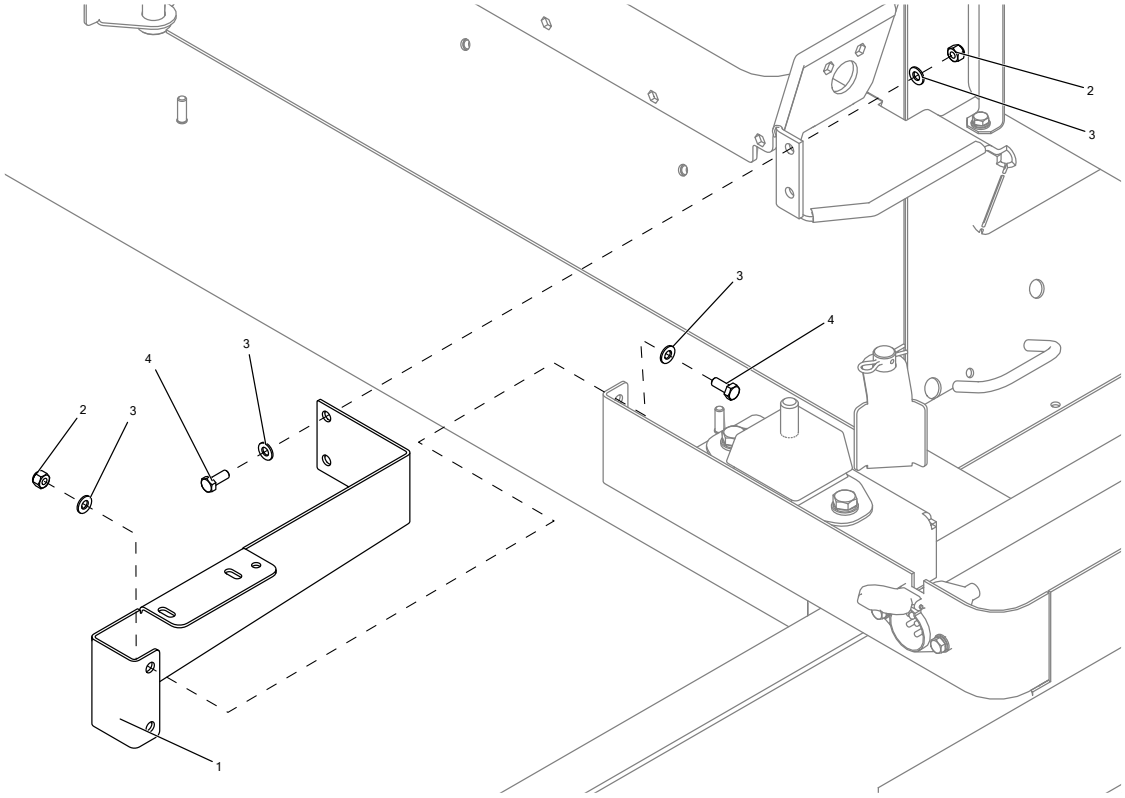


Figure 23: LM1-100-70 LH VALANCE – CAM MAST

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-100-70	1	LH VALANCE - TILTING MAST	
2	XN10N	4	M10 NYLOC NUT	
3	XW10AZ	8	M10 FORM A WASHER	
4	XS10030Z	4	M10 X 30 HEX HEAD SCREW 8.8	

Table 20: LM1-100-70 LH VALANCE – CAM MAST - BOM

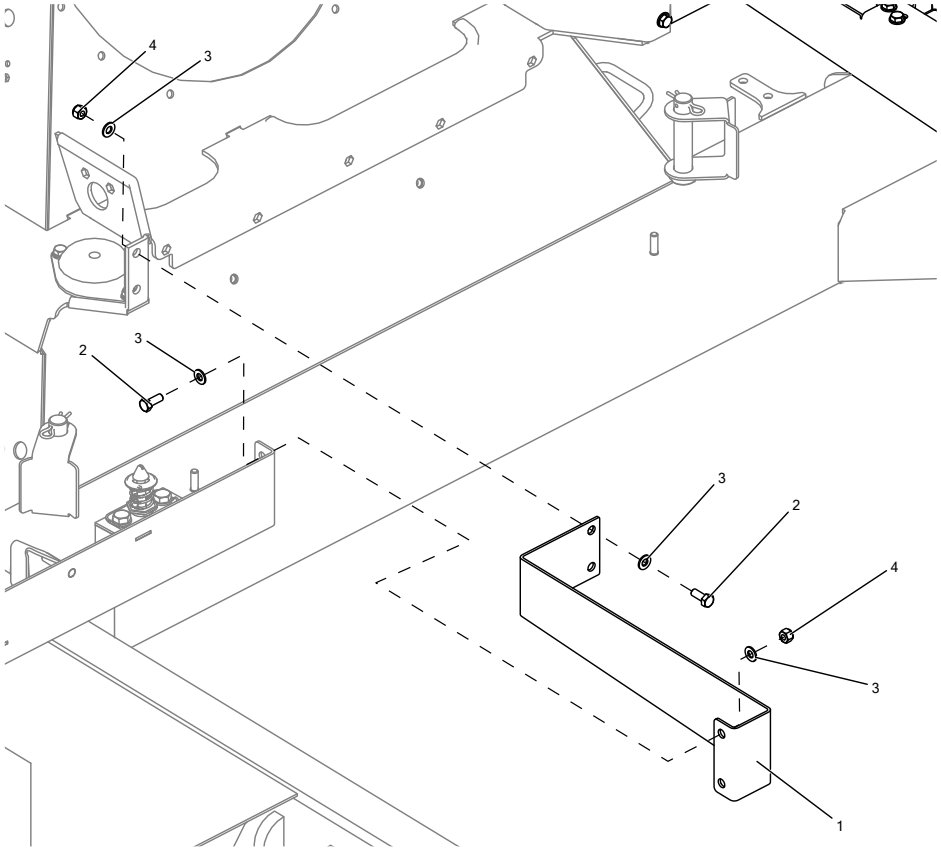


Figure 24: LM1-100-71 RH VALANCE - CAM MASTS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-100-71	1	RH VALANCE - TILTING MAST	
2	XS10030Z	4	M10 X 30 HEX HEAD SCREW 8.8	
3	XW10AZ	8	M10 FORM A WASHER	
4	XN10N	4	M10 NYLOC NUT	

Table 21: LM1-100-71 RH VALANCE - CAM MASTS - BOM

CHAPTER1.20: BASH PLATES

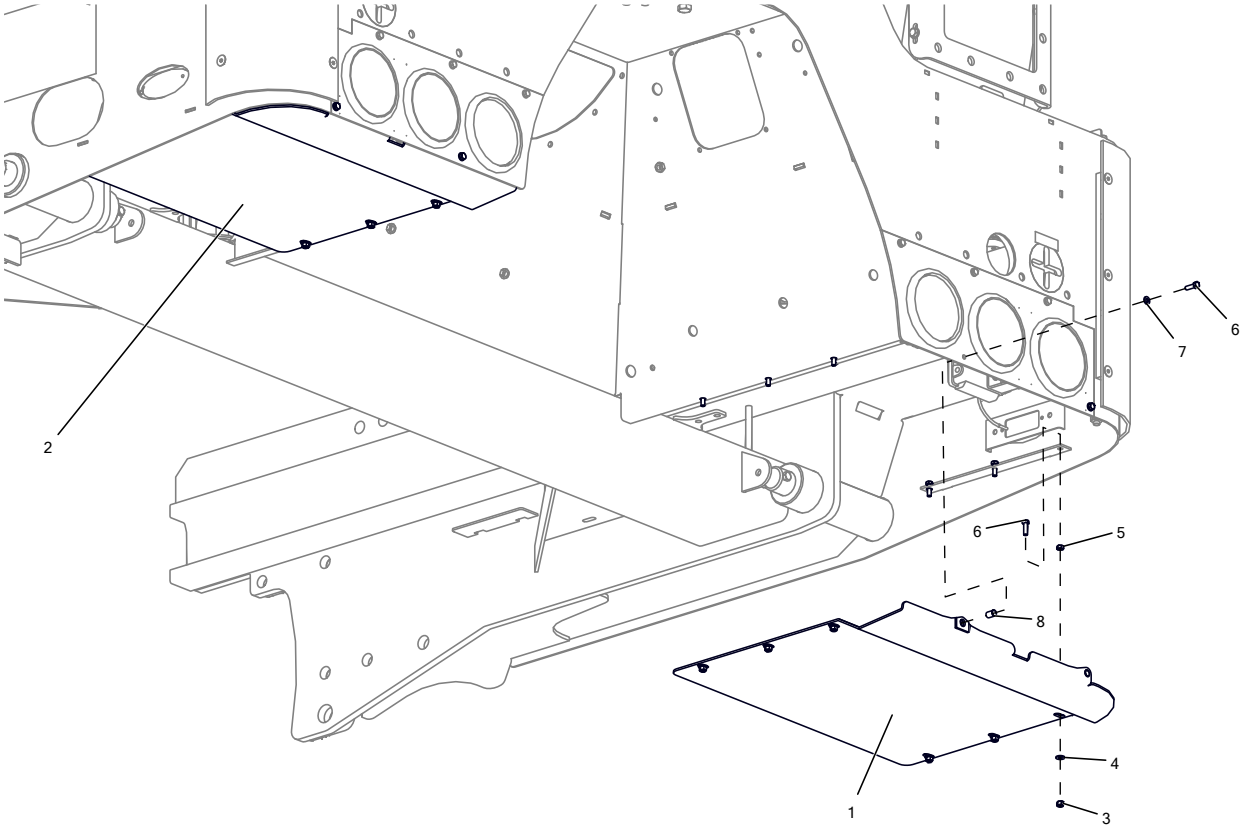
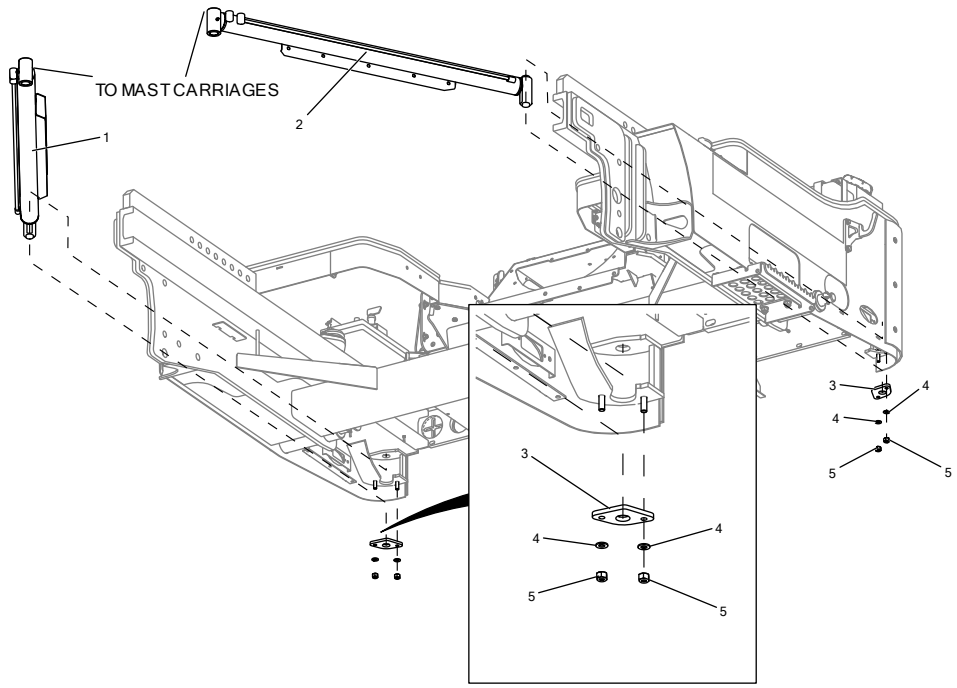


Figure 25: LM1-100-55/56 BASH PLATES

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-100-56	1	RHS BASH PLATE ASSEMBLY	
2	LM1-100-55	1	LHS BASH PLATE ASSEMBLY	
3	XN06N	12	M6 NYLOC NUT	
4	XW06CZ	12	M6 FORM C WASHER ZINC PLATED	
5	XN06	12	M6 FULL NUT	
6	XS06020Z	24	M6 X 20 HEX HEAD SCREW 8.8	
7	XW06AZ	4	M6 FORM A WASHER	
8	XNS06	4	M6 NUTSERT	

Table 22: LM1-100-55/56 BASH PLATES BOM

CHAPTER1.21: CHASSIS TO MAST CARRIAGE CYLINDERS



NOTE: ORIENTATION OF CYLINDERS FOR STANARD MASTS AS SHOWN ABOVE. FOR CAM MASTS – CYLINDERS ARE SWAPPED OVER (GUIDE CHANNEL STILL ON INSIDE AND MOVING ENDS ATTACHED TO CHASSIS)

Figure 26: LM1-100-700 CHASSIS TO MAST CARRIAGE CYLINDERS

ITEM	PART NUMBER	Qty	DESCRIPTION
1	LM1-108-10 *LM1-108-11*	1	RH EXTENDED CARRIAGE CYLINDER – STANDARD MASTS (AS SHOWN) *RH EXTENDED CARRIAGE CYLINDER – CAM MASTS*
2	LM1-108-11 *LM1-108-10*	1	LH EXTENDED CARRIAGE CYLINDER – STANDARD MASTS (AS SHOWN) *LH EXTENDED CARRIAGE CYLINDER – CAM MASTS*
3	LM1-100-40	2	REACH CYLINDER CAPPER
4	XW10AZ	4	M10 FORM A WASHER
5	XN10N	4	M10 NYLOC NUT

Table 23: LM1-100-700 CHASSIS TO MAST CARRIAGE CYLINDERS BOM

CHAPTER1.22: HYDRAULIC OIL TANK

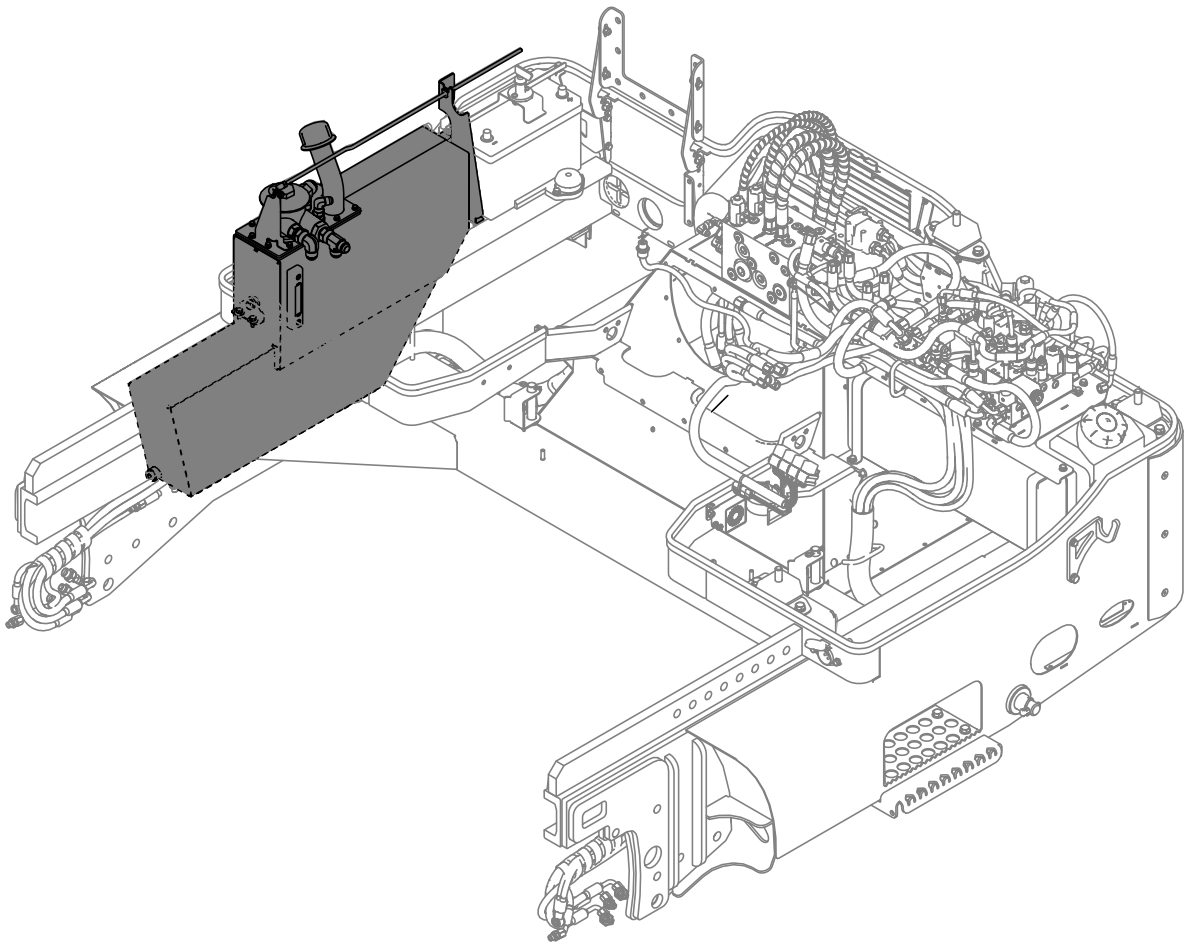


Figure 27: LM1-710-02 HYDRAULIC OIL TANK ASSEMBLY JIC

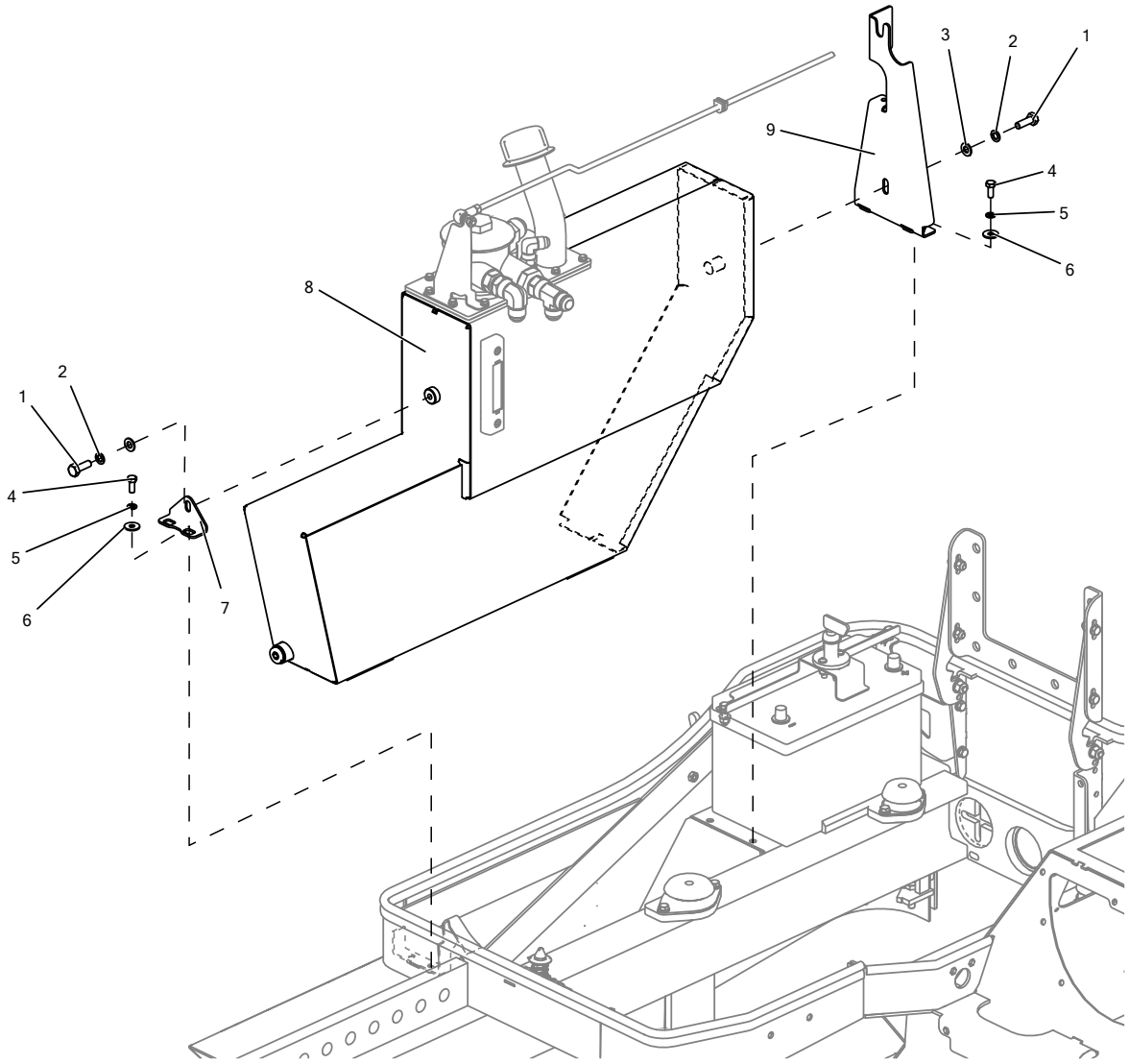


Figure 28: LM1-710-02 HYDRAULIC OIL TANK BOLTING

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS10025Z	2	M25 X 30 HEX HEAD SCREW 8.8	
2	XW10SZ	2	M10 SPRING WASHER	
3	XW10AZ	2	M10 FORM A WASHER	
4	XS08020Z	4	M8 X 20 HEX HEAD SCREW 8.8	
5	XW08SZ	4	M8 SPRING WASHER	
6	XW08CZ	4	M8 FORM C WASHER	
7	LM1-103-55	1	BRACKET – HYDRAULIC TANK – FRONT	
8	LM1-710-10	1	HYDRAULIC OIL TANK W-A	
9	LM1-710-42	1	REAR OIL TANK MOUNT	

Table 24: LM1-710-02 HYDRAULIC OIL TANK BOLTING – BOM

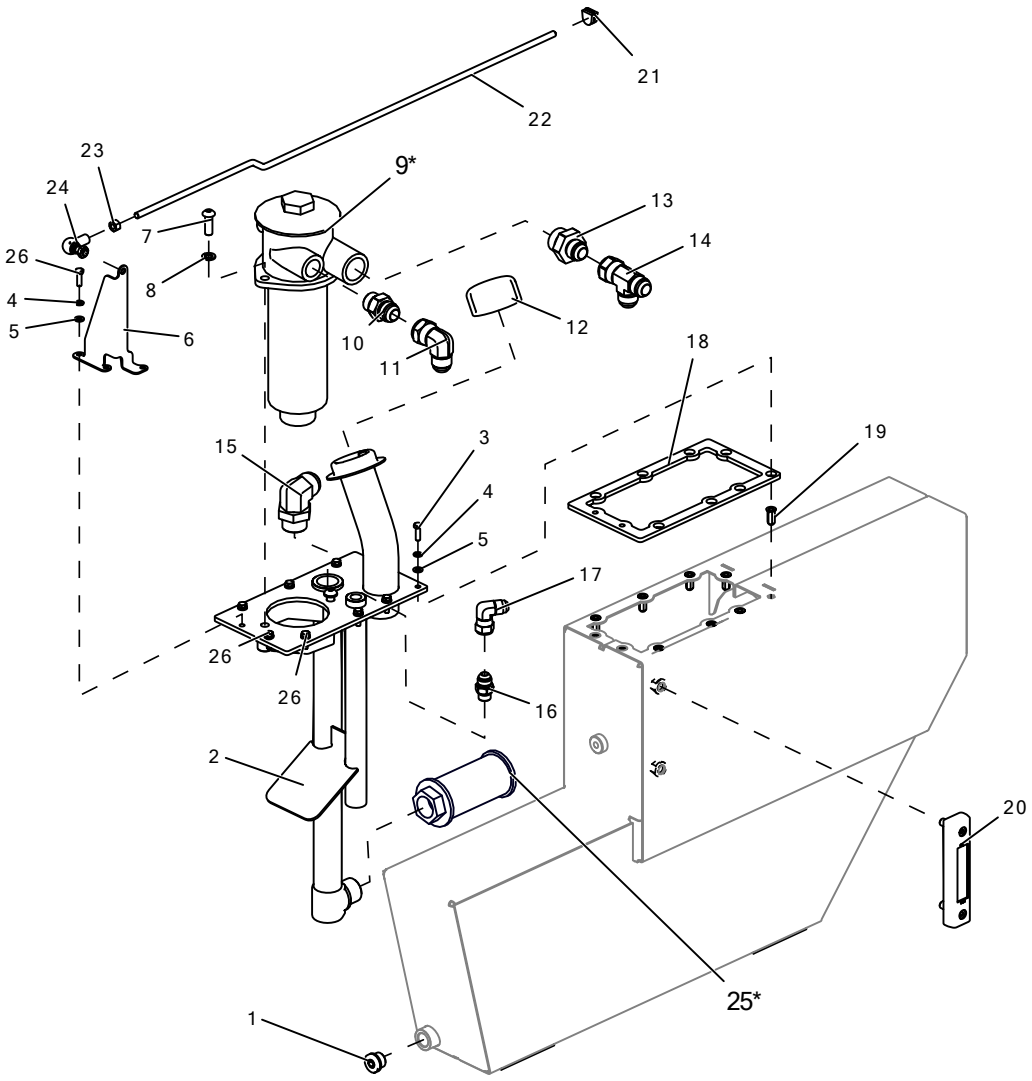


Figure 29: LM1-710-02 HYDRAULIC OIL TANK JIC SUB ASSEMBLIES

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YPLUG21	1	TANK DRAIN PLUG	
2	LM1-710-20	1	ACCESSORY MOUNT WELD ASSY	
3	XS06025Z	7	M6 X 25 HEX HEAD SCREW 8.8	
4	XW06SZ	10	M6 SPRING WASHER	
5	XW06AZ	10	M6 FORM A WASHER	
6	LM1-125-26	1	BONNET STAY MOUNT	
7	XBUT10030SKTZB	2	M10 X 30 BUTTON HEAD SCREW 8.8	
8	XW10SZ	2	M10 SPRING WASHER	
9*	YFILTER1	1	HYDRAULIC COMBINATION FILTER. *CONTAINS YFILTER5	
10	YHA3.4-1.1.16J	1	3/4" BSP M W/ SEAL TO 1 1/16J-10 M	
11	YHA1.1-16JMFE	1	1.1/16" JIC MF ELBOW	
12	HYDRAULIC TANK FILLER CAP	1	FILLER CAP FROM YFILLER1	
13	YHA1-1.1.16J	1	1" BSP TO 1 1/16J MALE MALE ADAPTER	
14	YHT1.1.16JMFM	1	1 1/16J TEE MALE FEMALE SWIVLE MALE ON BRANCH	
15	YHA1-1.5.16JEA	1	1" TO 1 5/16J ADJUSTABLE ELBOW	
16	YHA3.8-3.4J	1	3/8" BSP M W/ INTEGRAL SEAL TO 3/4J-16 M	
17	YHA3.4JMFE	1	3/4J MALE FEMALE SWIVLE ELBOW	
18	LM1-710-26	1	HYDRAULIC TANK GASKET	
19	XNS06HC	10	M6 HEX NUTSERT CLOSED	
20	YLEVGAUGE1	1	HYDRAULIC LEVEL & TEMPERATURE GAUGE	
21	15310.12	1	YBOX2 CLOSED GROMMET	
22	LM1-125-27	1	BONNET STAY	
23	XN08Z	1	M8 HEX NUT	
24	YBALLJOINT2	1	M8 BALLJOINT	
25*	YFILTER8	1	YFILTER8 125µ Suction Strainer	
26	XS06030Z	3	M6 X 30 HEX HEAD SCREW 8.8	

*denotes filter element

Table 25: LM1-710-02 HYDRAULIC OIL TANK JIC SUB ASSEMBLIES - BOM

CHAPTER1.23: CARRIAGE HOSE RETAINER

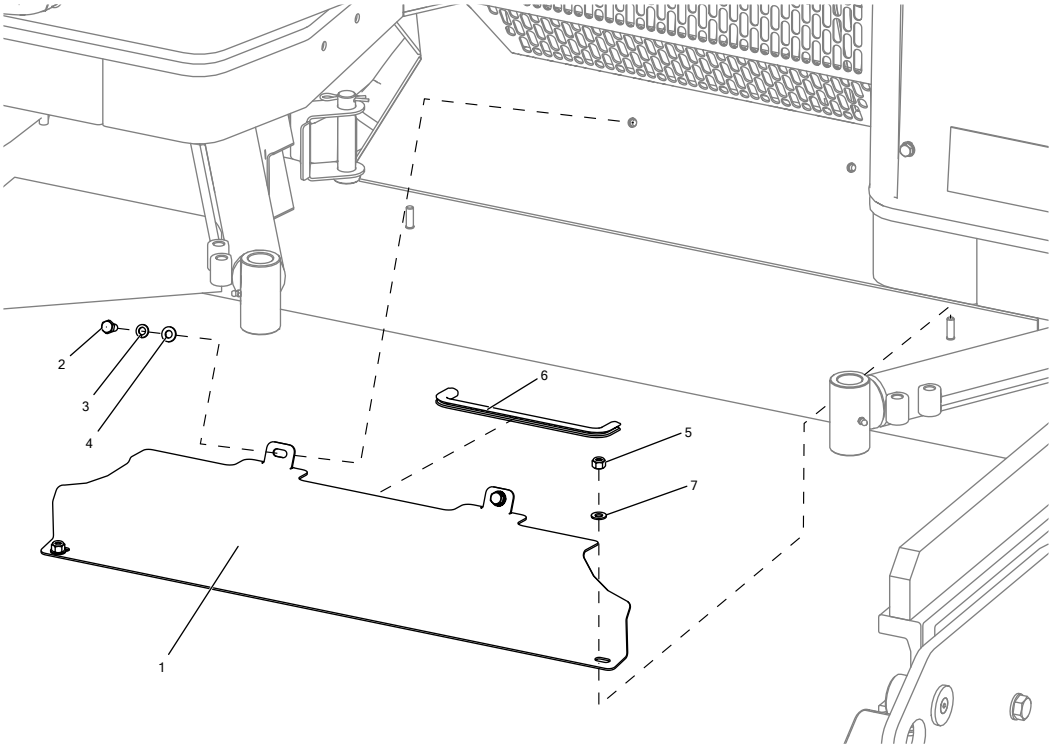


Figure 30: LM1-101-100 CARRIAGE HOSE RETAINER COMPLETE

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-101-02	1	CARRIAGE HOSE RETAINER	
2	XS08020Z	2	M8 X 20 HEX HEAD SCREW 8.8	
3	XW08SZ	2	M8 SPRING WASHER	
4	XW08AZ	2	M8 FORM A WASHER	
5	XN08N	2	M8 NYLOC NUT	
6	LM1-154-16	1	YSEALSTRIP30 195MM LONG	
7	XW08CZ	2	M8 FORM C WASHER	

Table 26: LM1-101-100 CARRIAGE HOSE RETAINER COMPLETE BOM

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CHAPTER1.24: HYDRAULIC AUXILIARY PLATE ASSEMBLY

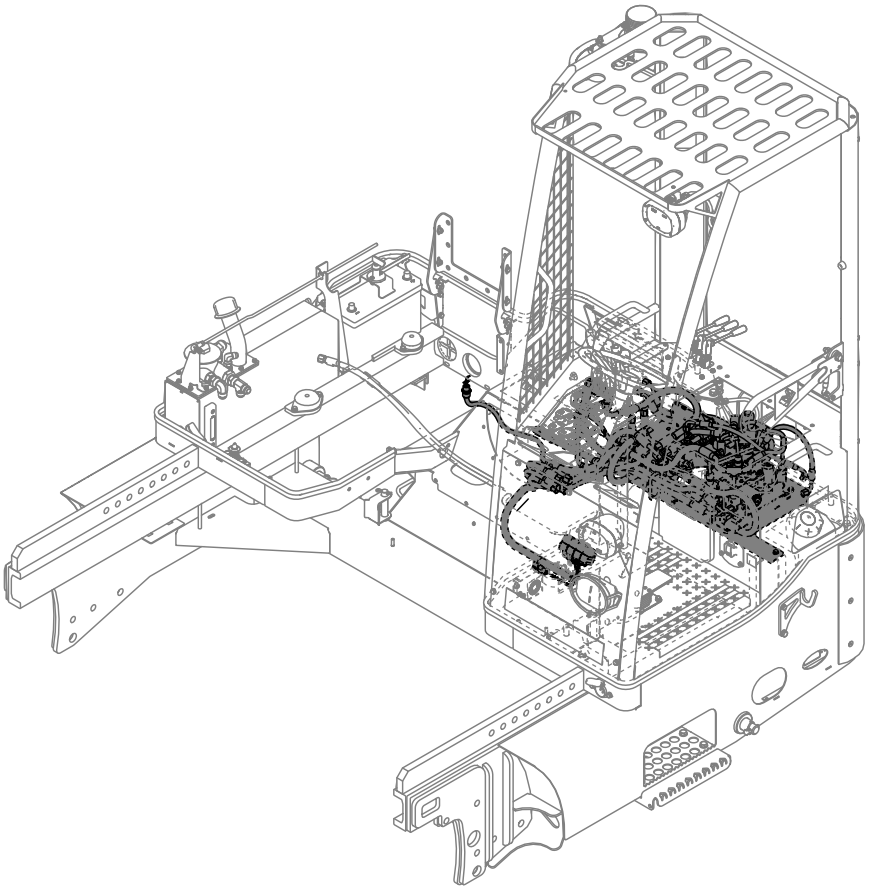


Figure 31: LM1-721-00 HYDRAULIC AUXILIARY PLATE ASSEMBLY MASTER

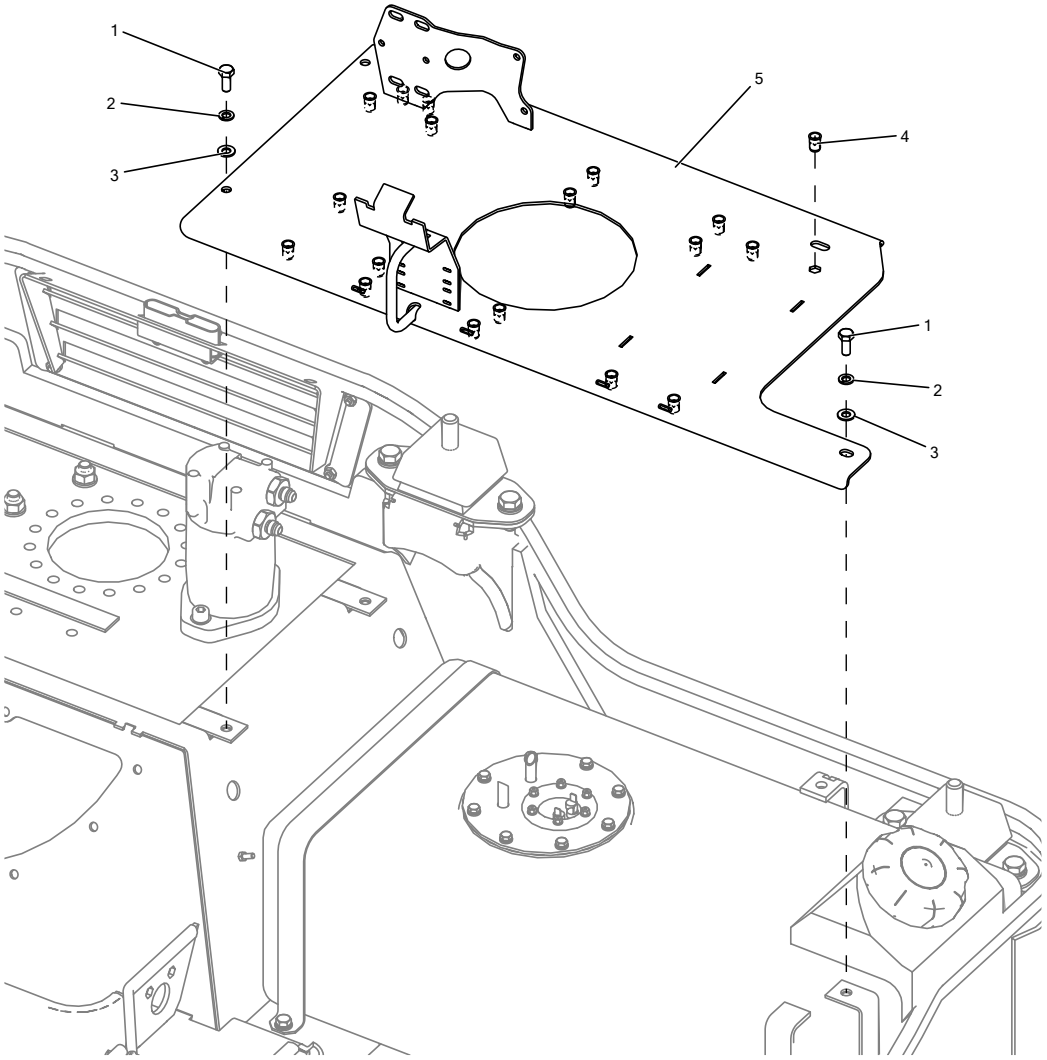


Figure 32: LM1-100-900 AUXILIARY PLATE STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS08020Z	4	M8 X 20 HEX HEAD SCREW 8.8	
2	XW08SZ	4	M8 SPRING WASHER	
3	XW08AZ	4	M8 FORM A WASHER	
4	XNS08H	17	M8 HEX NUTSERT	
5	LM1-100-90	1	VALVE MOUNT WELD ASSY	

Table 27: LM1-100-900 AUXILIARY PLATE STANDARD – BOM

CHAPTER1.25: STEERING PRIORITY VALVE

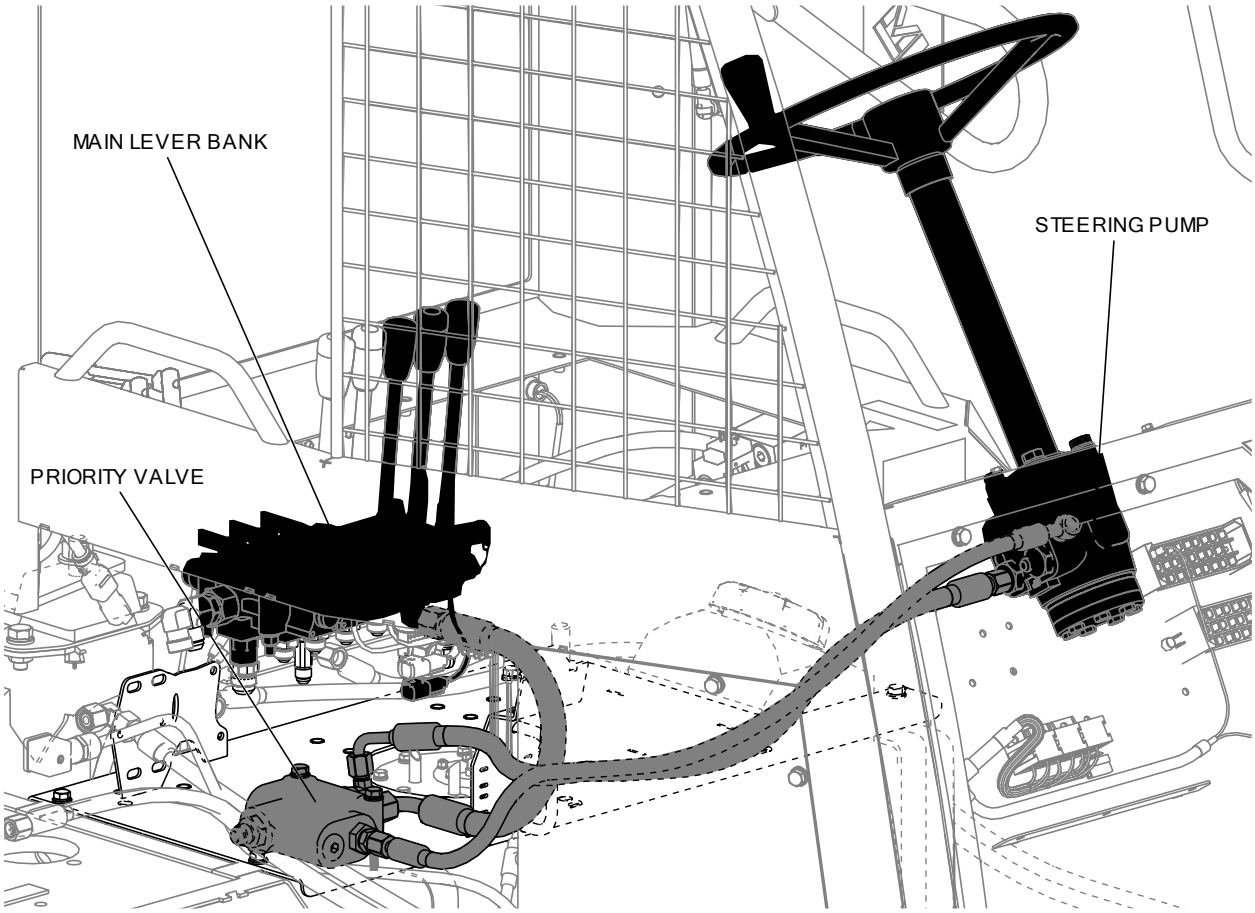
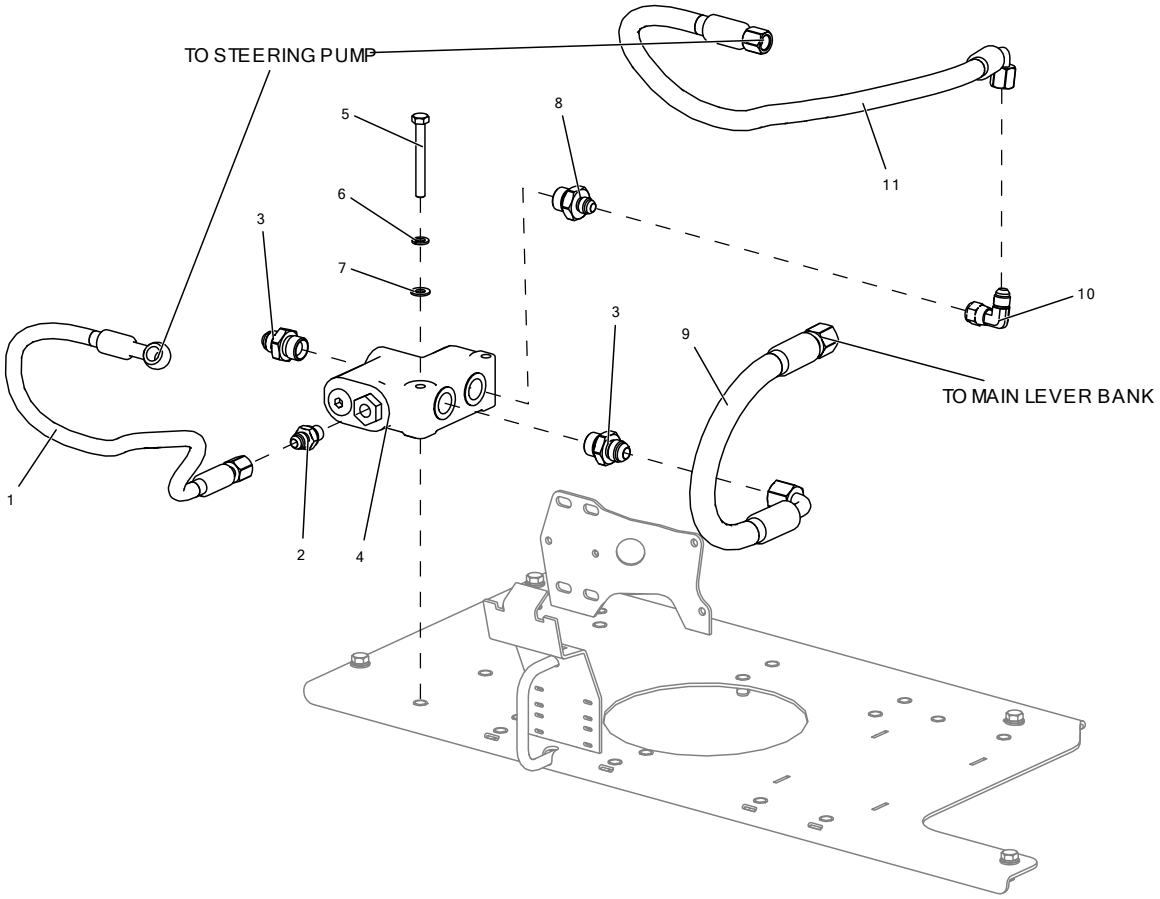


Table 28: LM1-720-12 PRIORITY VALVE LOCATION



NOTE: JIC HOSE FITTINGS SHOWN ABOVE AND LISTED IN PART NUMBERS BELOW. METRIC FITTINGS LISTED ON RHS OF TABLE.

Figure 33: LM1-720-12 STEERING PRIORITY VALVE ASSEMBLY (LM1-720-11 METRIC)

ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	LM1-700-J211	1	HOSE JIC 'LS FROM PRIORITY TO STEERING ORBITAL'	LM1-700-M211
2	YHA1.4-9.16J	1	HOSE FITTING 1/4" BSP M W/ INTEGRAL SEAL TO 9/16J-18 M	YHA1.4-8L
3	YHA1.2-3.4J	2	HOSE FITTING 1/2" BSP M W/ SEAL TO 3/4J-16 M	YHA1.2-15L
4	YVALVE5	1	PRIORITY VALVE	-
5	XS08070Z	2	M8 X 70 HEX HEAD SCREW 8.8	-
6	XW08SZ	2	M8 SPRING WASHER	-
7	XW08AZ	2	M8 FORM A WASHER	-
8	YHA1.2-9.16J	1	1/2" BSP M W/ SEAL TO 9/16J-18 M	YHA1.2-12L
9	LM1-700-J208	1	HOSE JIC 'PRIORITY VALVE TO VALVE BANK'	LM1-700-M208
10	YHA9.16JMFE	1	HOSE FITTING 9/16J-18 MF SWIVLE ELBOW	YHA12LMFE
11	LM1-700-J212	1	HOSE JIC 'PRIORITY VALVE TO STEERING ORBITAL'	LM1-700-M212

Table 29: LM1-720-12 STEERING PRIORITY VALVE ASSEMBLY (LM1-720-11 METRIC) - BOM

CHAPTER1.26: RETURN MANIFOLD ASSEMBLY JIC

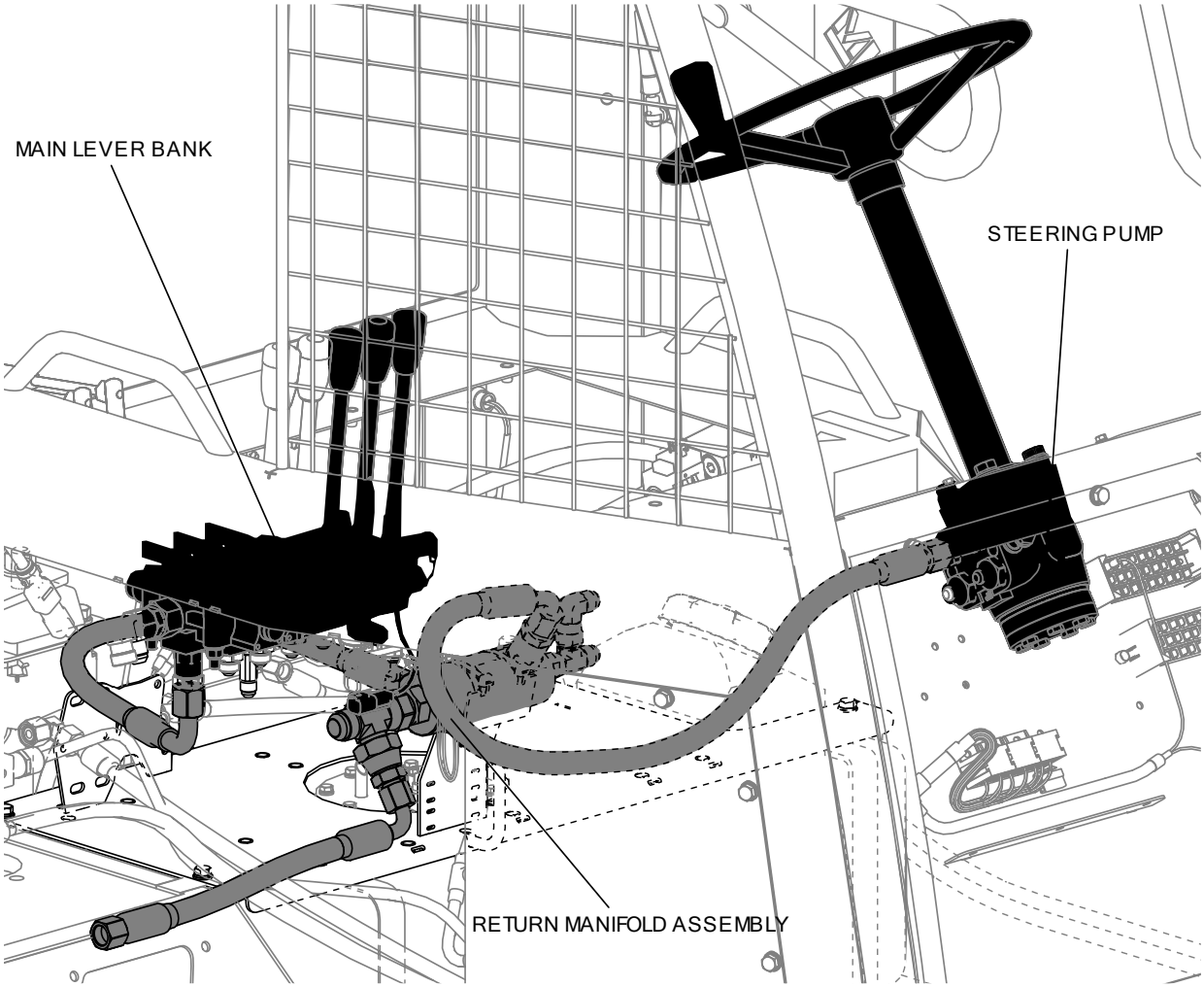
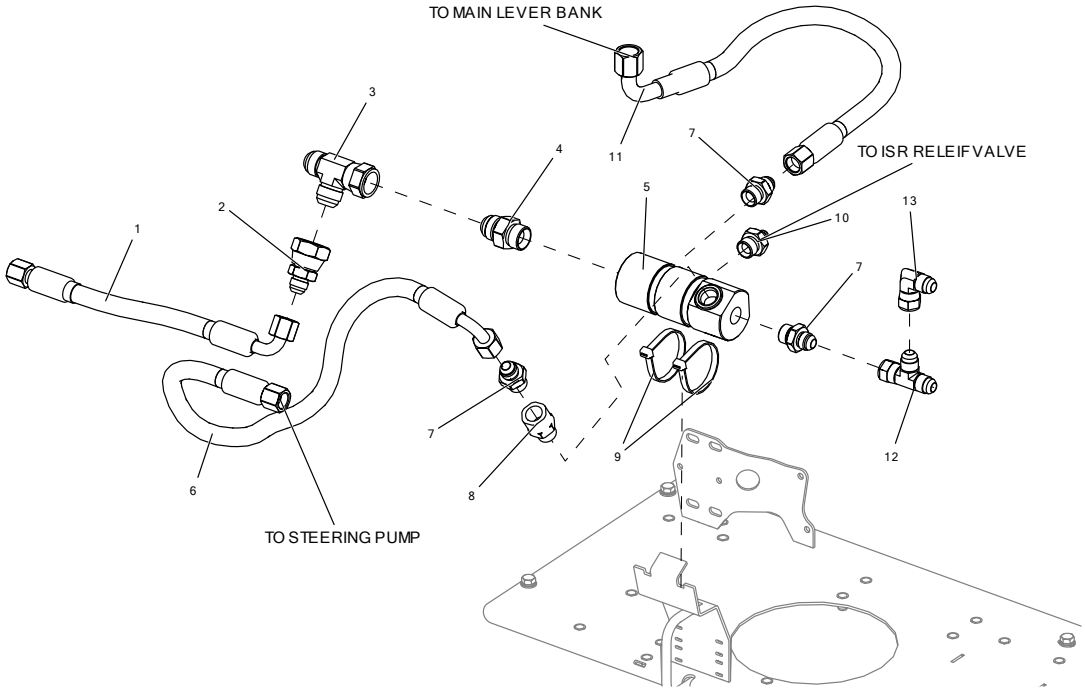


Figure 34: LM1-720-22 RETURN MANIFOLD ASSEMBLY JIC



NOTE: JIC HOSE FITTINGS SHOWN ABOVE AND LISTED IN PART NUMBERS BELOW. METRIC FITTINGS LISTED ON RHS OF TABLE.

Figure 35: LM1-720-22 RETURN MANIFOLD JIC ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	LM1-700-J353	1	HOSE JIC 'FAN MOTOR TO 6-PORT MANIFORD'	LM1-700-M353
2	YHR1.1.16J-3.4JFM	1	HOSE FITTING 1 1/16J SWIVLE FEMALE TO 3/4J MALE REDUCER	YHR22L-15LFM
3	YHT1.1.16JMFM	1	HOSE FITTING 1 1/16J TEE MALE FEMALE SWIVLE MALE ON BRANCH	YHT22LMFM
4	YHA3.4-1.1.16J	1	HOSE FITTING 3/4" BSP M W/ SEAL TO 1 1/16J-10 M	YHA3.4-22L
5	LM1-711-10	1	6 PORT RETURN MANIFOLD	-
6	LM1-700-J213	1	HOSE JIC 'STEERING ORBITAL TO TANK RETURN MANIFOLD'	LM1-700-M213
7	YHA1.2-3.4J	3	HOSE FITTING 1/2" BSP M W/ SEAL TO 3/4J-16 M	YHA1.2-15L
8	YHA1.2-1.2MFEXT	1	HOSE FITTING 1/2" BSP TO 1/2" BSP MALE FEMALE EXTENTION	YHA1.2-1.2MFEXT
9	CABLE-TIE-8-330	2	CABLE TIE	-
10	YHA1.2-9.16J	1	HOSE FITTING 1/2" BSP M W/ SEAL TO 9/16J-18 M	YHA1.2-15L
11	LM1-700-J207	1	HOSE JIC 'LEVER BANK RHS BOTTOM OUTLET TO 6-PORT MANIFOLD'	LM1-700-M207
12	YHT3.4JMFM	1	3/4J TEE MALE FEMALE SWIVEL MALE ON BRANCH	YHT15LMFM
13	YHA3.4JMFE	1	3/4J MALE FEMALE SWIVLE ELBOW	YHA15LMFE

Table 30: LM1-720-22 RETURN MANIFOLD JIC ASSEMBLY – BOM

CHAPTER1.27: ISR DIVERTER ASSEMBLY AND CONNECTION TO CARRIAGE CYLINDERS

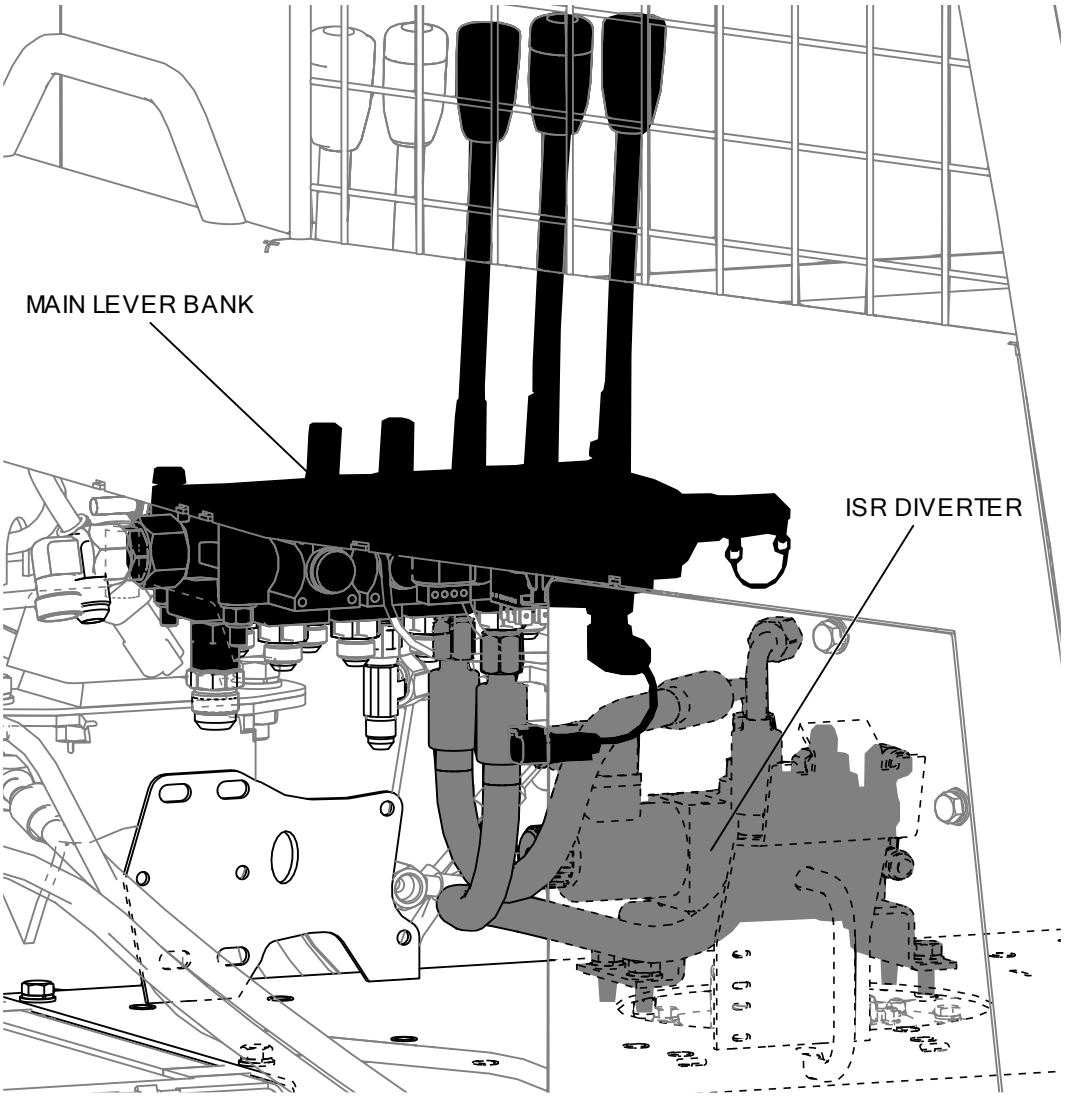


Figure 36: LM1-720-32 ISR DIVERTER

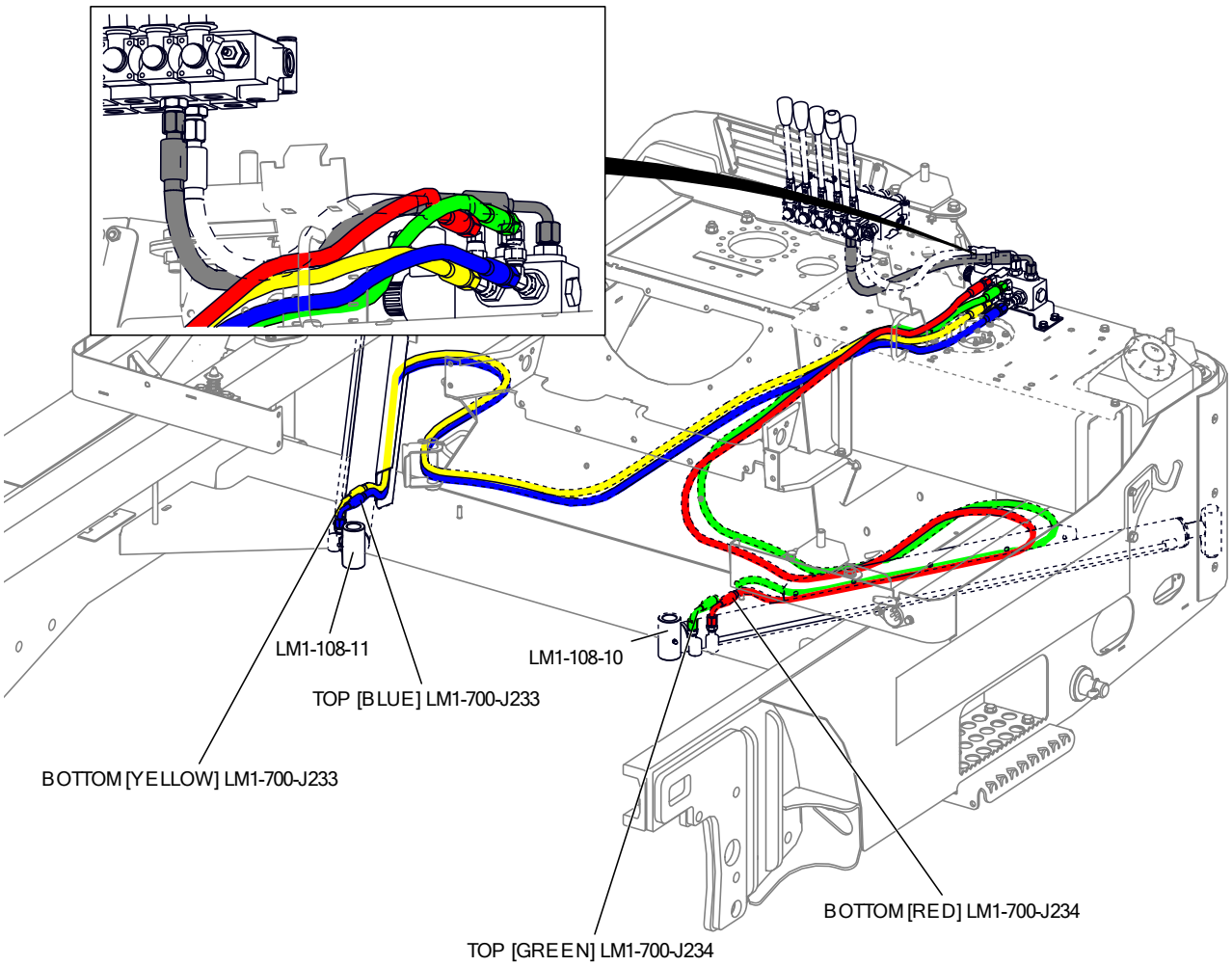
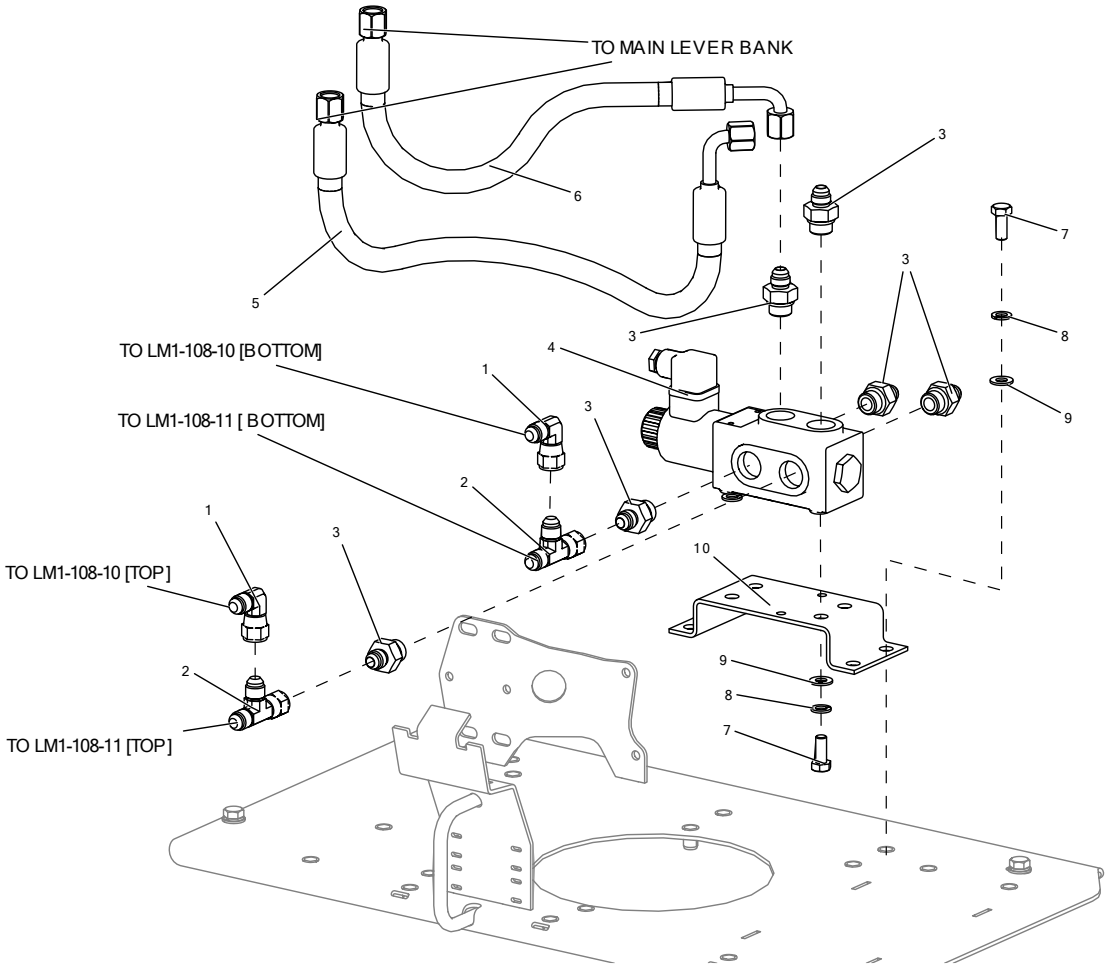


Figure 37: ISR DIVERTER VALVE TO CARRIAGE CYLINDERS



NOTE: JIC HOSE FITTINGS SHOWN ABOVE AND LISTED IN PART NUMBERS BELOW. METRIC FITTINGS LISTED ON RHS OF TABLE.

Figure 38: LM1-720-32 ISR DIVERTER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA9.16JMFE	2	9/16J-18 MF SWIVLE ELBOW	YHA12LMFE
2	YHT9-16JMFM	2	9/16J-18 TEE MFM MALE ON BRANCH	YHT12LMFM
3	YHA3.8-9.16J	4	3/8" BSP M W/ SEAL TO 9/16J-18 M	YHA3.8-12L
4	YVALVE4	1	4-WAY CROSSOVER VALVE	-
5	LM1-700-J229	1	JIC Reach Diverter Valve to Section 2 of Lever Bank (N.O. CONTROL VALVE)	LM1-700-M229
6	LM1-700-J230	1	JIC Reach Diverter Valve to Section 2 of Lever Bank	LM1-700-M230
7	XS08020Z	8	M8 X 20 HEX HEAD SCREW 8.8	-
8	XW08SZ	8	M8 SPRING WASHER	-
9	XW08AZ	8	M8 FORM A WASHER	-
10	LM1-100-33	1	VALVE RISER	-
11	YHA3.8-9.16J	2	3/8" BSP M W/ SEAL TO 9/16J-18 M	YHA3.8-8L

Table 31: LM1-720-32 ISR DIVERTER JIC ASSEMBLY - BOM

CHAPTER1.28: ISR RELIEF VALVE WITH HOSES TO MASTS

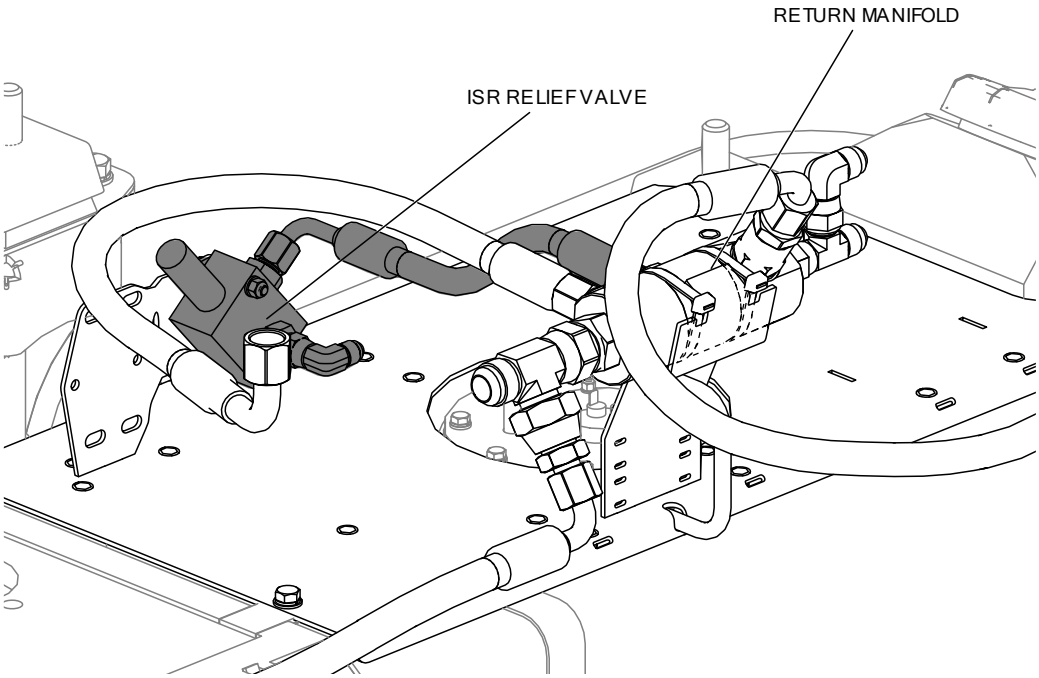
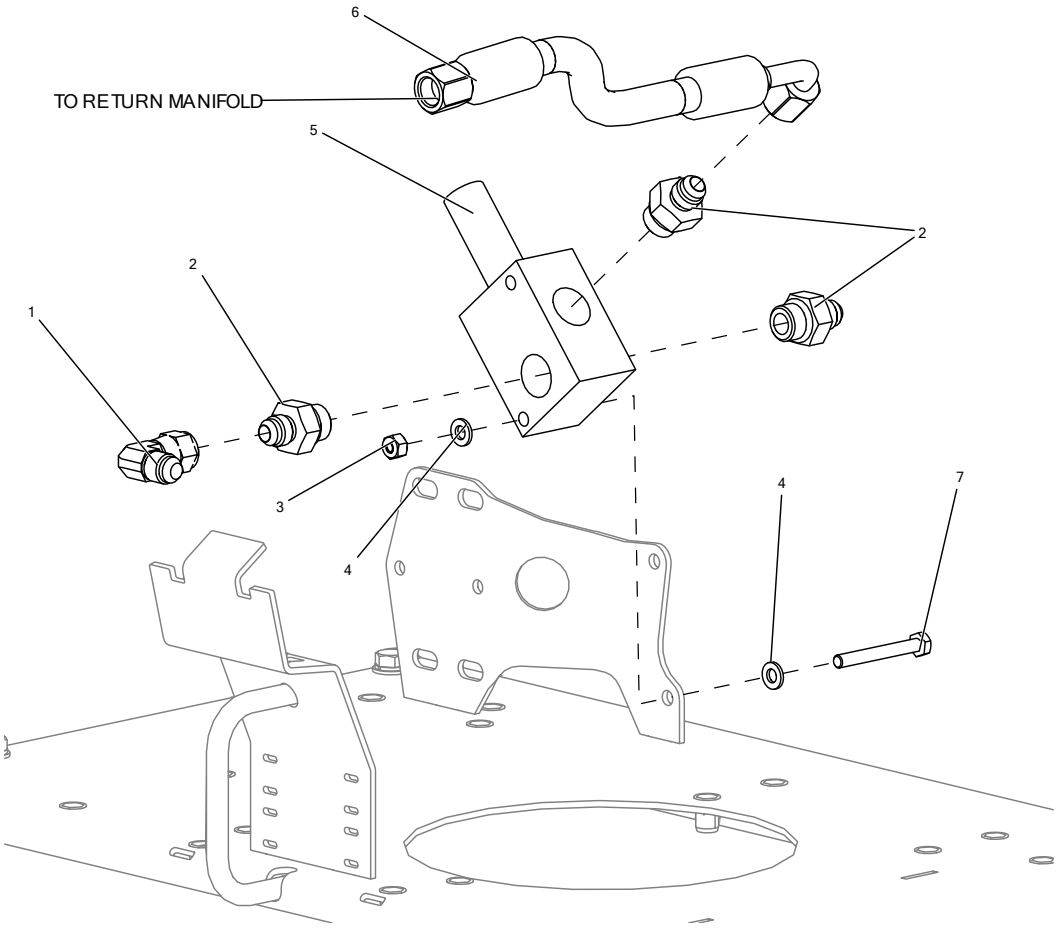


Figure 39: LM1-720-42 ISR RELIEF VALVE JIC



NOTE: JIC HOSE FITTINGS SHOWN ABOVE AND LISTED IN PART NUMBERS BELOW. METRIC FITTINGS LISTED ON RHS OF TABLE.

Figure 40: LM1-720-42 ISR RELIEF VALVE JIC ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA9.16JMFE	1	9/16J-18 MF SWIVLE ELBOW	YHA8LMFE
2	YHA3.8-9.16J	3	3/8" BSP M W/ SEAL TO 9/16J-18 M	YHA3.8-8L
3	XN06N	2	M6 NYLOC NUT	-
4	XW06AZ	4	M6 FORM A WASHER	-
5	YVALVE15	1	RELIEF VALVE - ISR	-
6	LM1-700-J243	1	JIC ISR Relief Valve to 6 Port Manifold	LM1-700-M243
7	XS06050Z	2	M6 X 50 HEX HEAD SCREW 8.8	-

Table 32: LM1-720-42 ISR RELIEF VALVE JIC ASSEMBLY – BOM

CHAPTER1.29: 4-WAY STEERING BLOCK

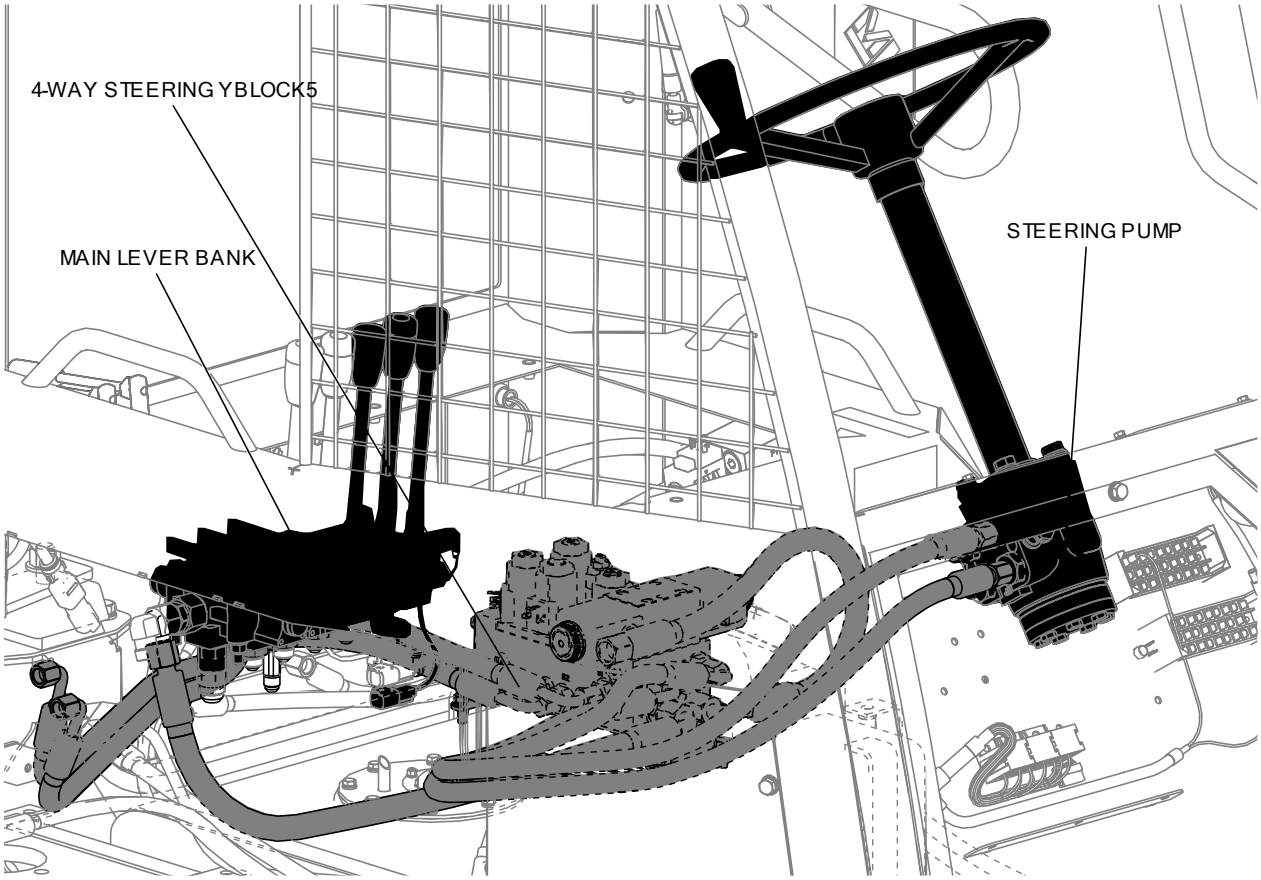
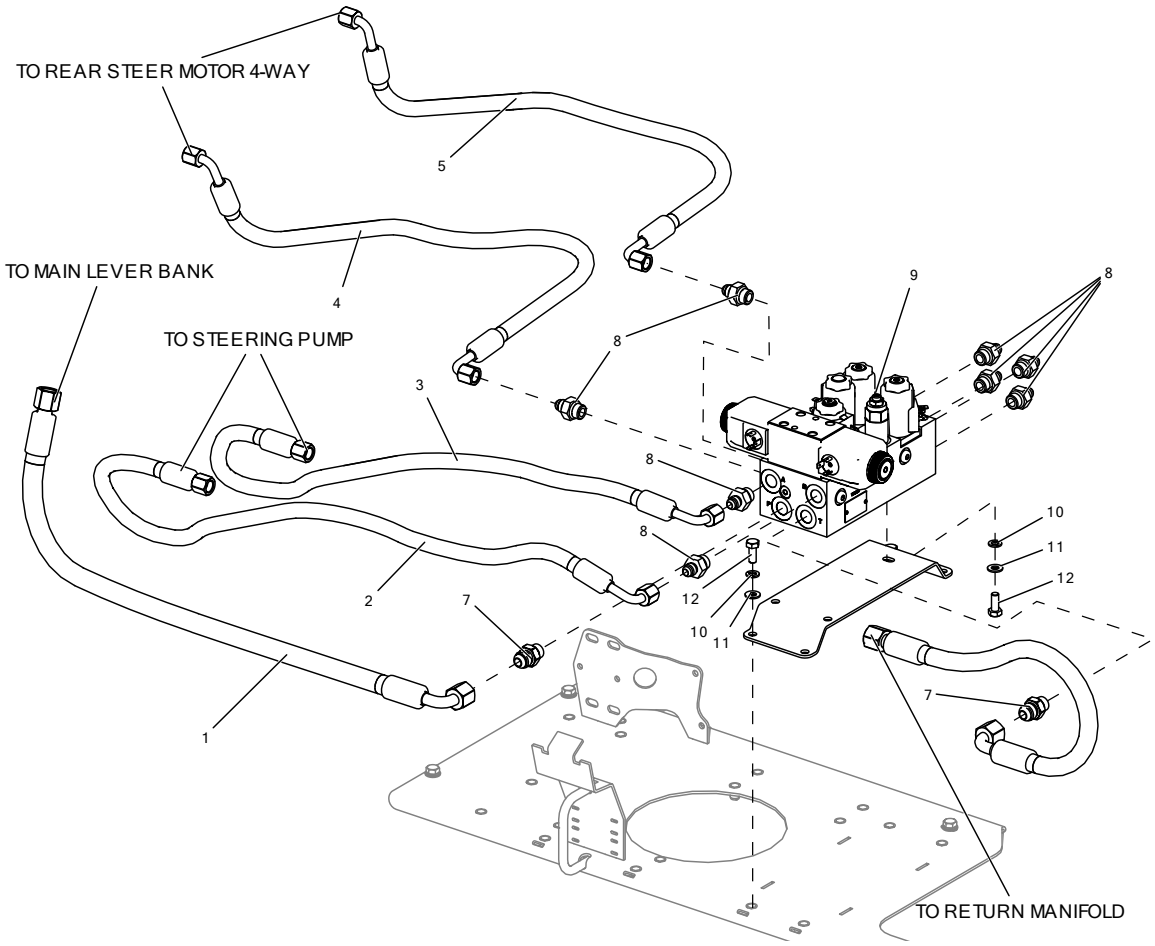


Figure 41: LM1-720-52 4-WAY STEERING YBLOCK5 JIC



NOTE: JIC HOSE FITTINGS SHOWN ABOVE AND LISTED IN PART NUMBERS BELOW. METRIC FITTINGS LISTED ON RHS OF TABLE.

Figure 42: LM1-720-52 4-WAY STEERING YBLOCK5 JIC ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-700-J244	1	JIC Lever Bank RHS End Outlet to 4W Block "P" or (2W to LH End port on 6 Port Manifold)	
2	LM1-700-J209	1	JIC Steering Orbital "L" to Steer Motor "A" (or 4 Way Block "B")	
3	LM1-700-J210	1	JIC Steering Orbital "R" to Steer Motor "B" (or 4 Way Block "A")	
4	LM1-700-J250	1	JIC 4 Way Block "S1"(119) or Port 2 YVALVE7 (119) to Steer Motor "B"(120)	
5	LM1-700-J251	1	JIC 4 WayBlock "S2" to Steer Motor "A"	
7	YHA3.8-3.4J	2	3/8" BSP M W/ INTEGRAL SEAL TO 3/4J-16 M	
8	YHA3.8-9.16J	8	3/8" BSP M W/ SEAL TO 9/16J-18 M	
9	YBLOCK5	1	HYDRAULIC CONTROL BLOCK - 4 WA	
10	XW08SZ	7	M8 SPRING WASHER	
11	XW08AZ	7	M8 FORM A WASHER	
12	XS08020Z	7	M8 X 20 HEX HEAD SCREW 8.8	

Table 33: LM1-720-52 4-WAY STEERING YBLOCK5 JIC ASSEMBLY - BOM

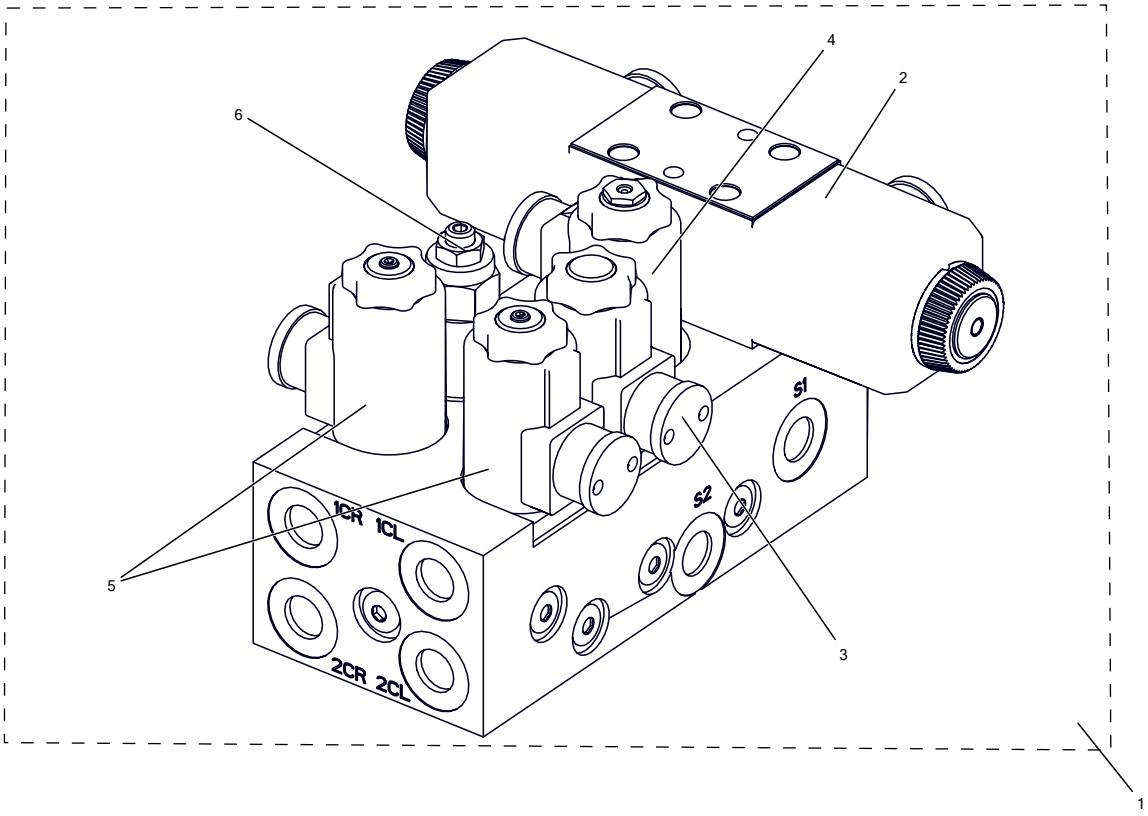


Figure 43: YBLOCK5 ARRANGEMENT

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YBLOCK5	1	HYDRAULIC CONTROL BLOCK 4-WAY (COMPLETE ASSEMBLY)	
2	YVALVE26	1	YBLOCK5 VALVE // WEDO-43-J-6V-1 12D M100 // ORIGIN: SWITZERLAND	
3	YVALVE27	1	YBLOCK5 VALVE // WR22GNA5-5 12D M100	
4	YVALVE28	1	YBLOCK5 VALVE // WR22ONA5-5 12D M100	
5	YVALVE29	2	YBLOCK5 VALVE // WK32GNA5-2 12D M10007	
6	YVALVE30	1	YBLOCK5 VALVE // CBPP-10-N-B-0-2.3-50-C // ORIGIN: SWITZERLAND	

Table 34: YBLOCK5 ARRAMGENENT BOM

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CHAPTER1.30: 400BAR ISR RELIEF VALVE JIC

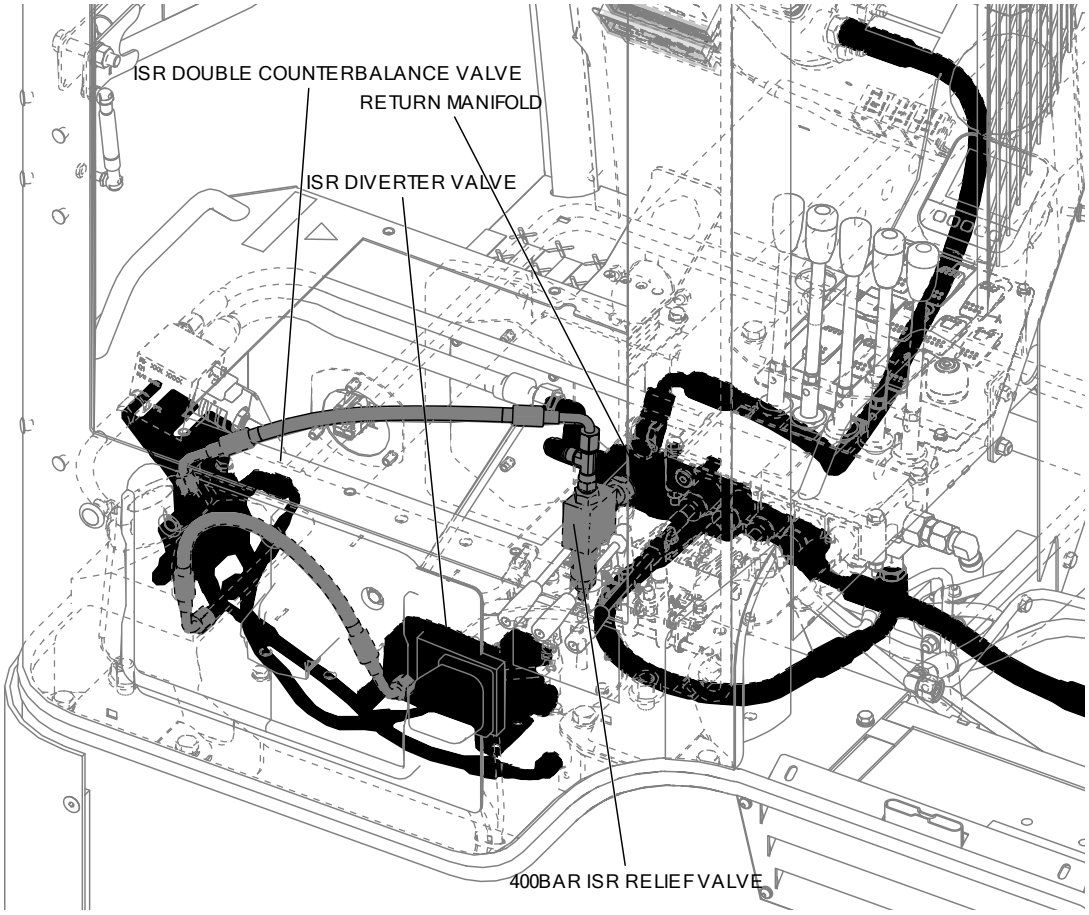


Figure 44: 400BAR ISR RELIEF VALVE JIC

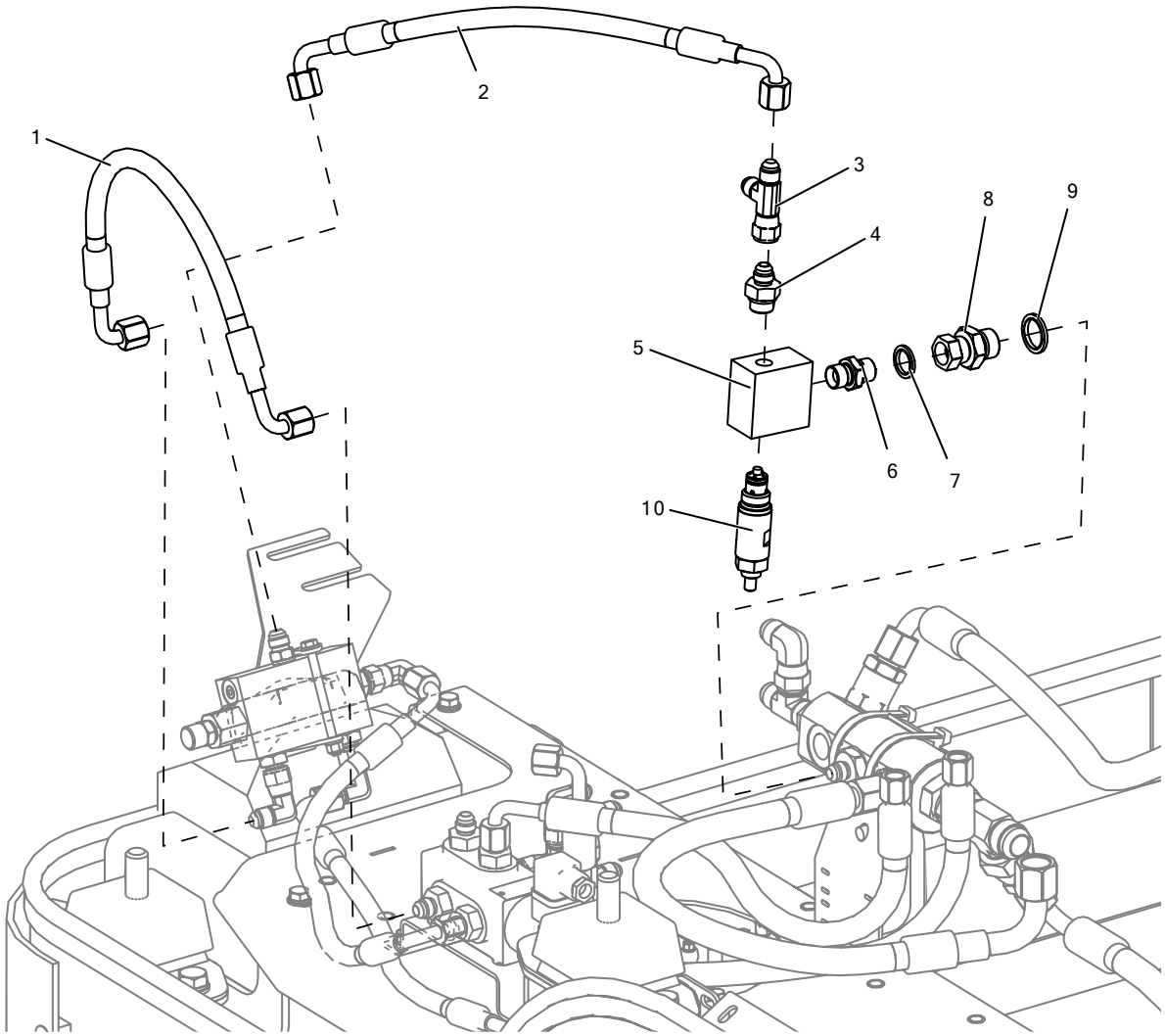


Figure 45: LM1-720-82 400BAR ISR RELIEF VALVE JIC ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-700-J240	1	JIC DIVERTER VALVE TO ISR Relief Valve	
2	LM1-700-J241	1	JIC Diverter Valve to ISR Check Valve Tee (ALT. DCBV TO 400BAR RV)	
3	YHT9-16JMFM	1	9/16J-18 TEE MFM MALE ON BRANCH	
4	YHA3.8-9.16J	1	3/8" BSP M W/ SEAL TO 9/16J-18 M	
5	YBLOCK7	1	BLOCK - HP RELIEF VALVE	
6	YHA3.8-3.8	1	3/8" BSP MALE TO 3/8" BSP MALE ADAPTER	
7	YHS3/8D	1	0.375" BSP DOWTY WASHER	
8	YHA1.2-3.8F	1	1/2" BSP TO 3/8" BSP SWIVLE	
9	YHS1/2D	1	0.5" BSP DOWTY WASHER	
10	YVALVE18	1	HIGH PRESSURE RELIEF VALVE - ISR	

Table 35: LM1-720-82 400BAR ISR RELIEF VALVE JIC ASSEMBLY

CHAPTER1.31: 4-WAY LOOM WITH INTERLOCK JIC

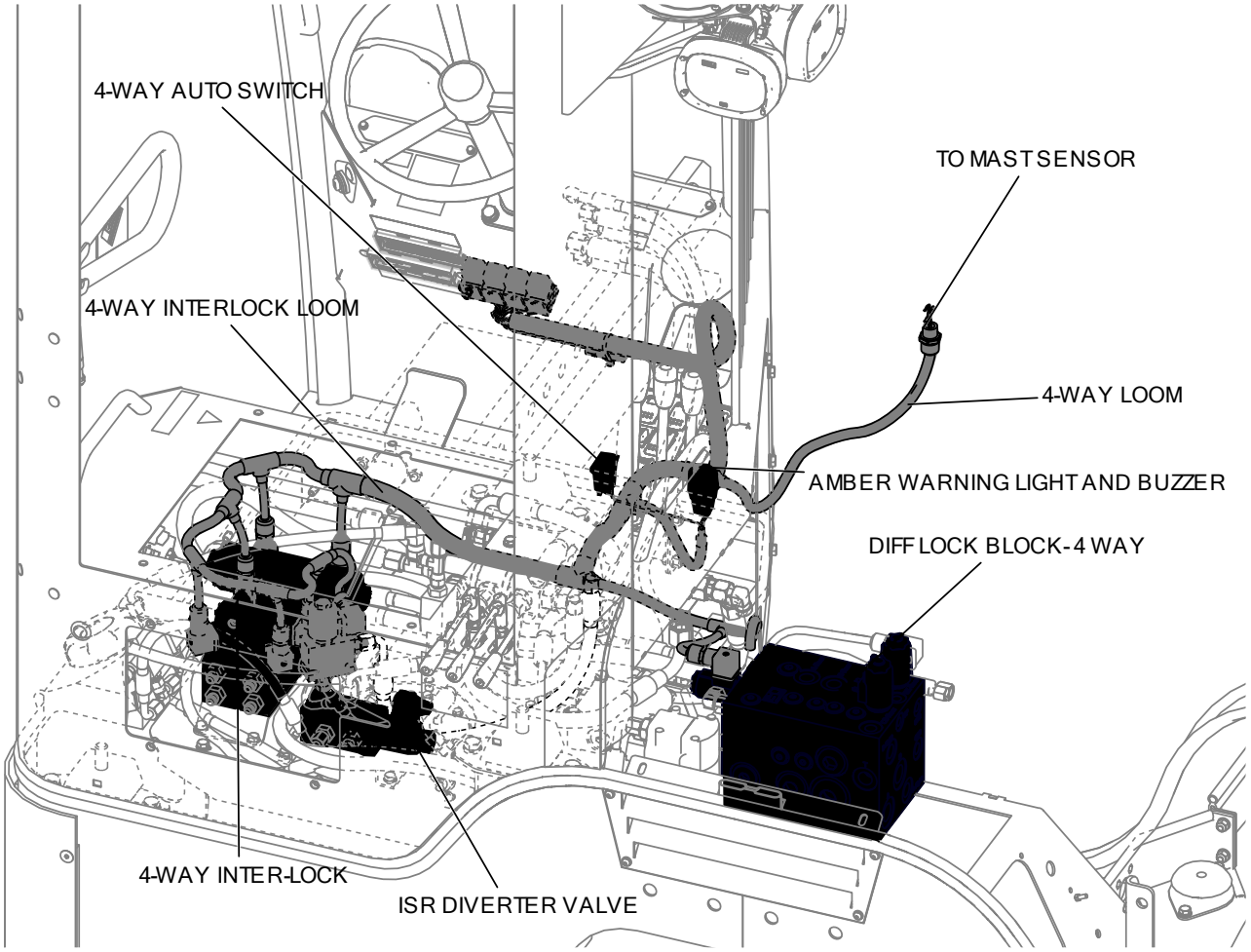


Figure 46: LM1-825-61 4-WAY LOOM WITH INTERLOCK JIC

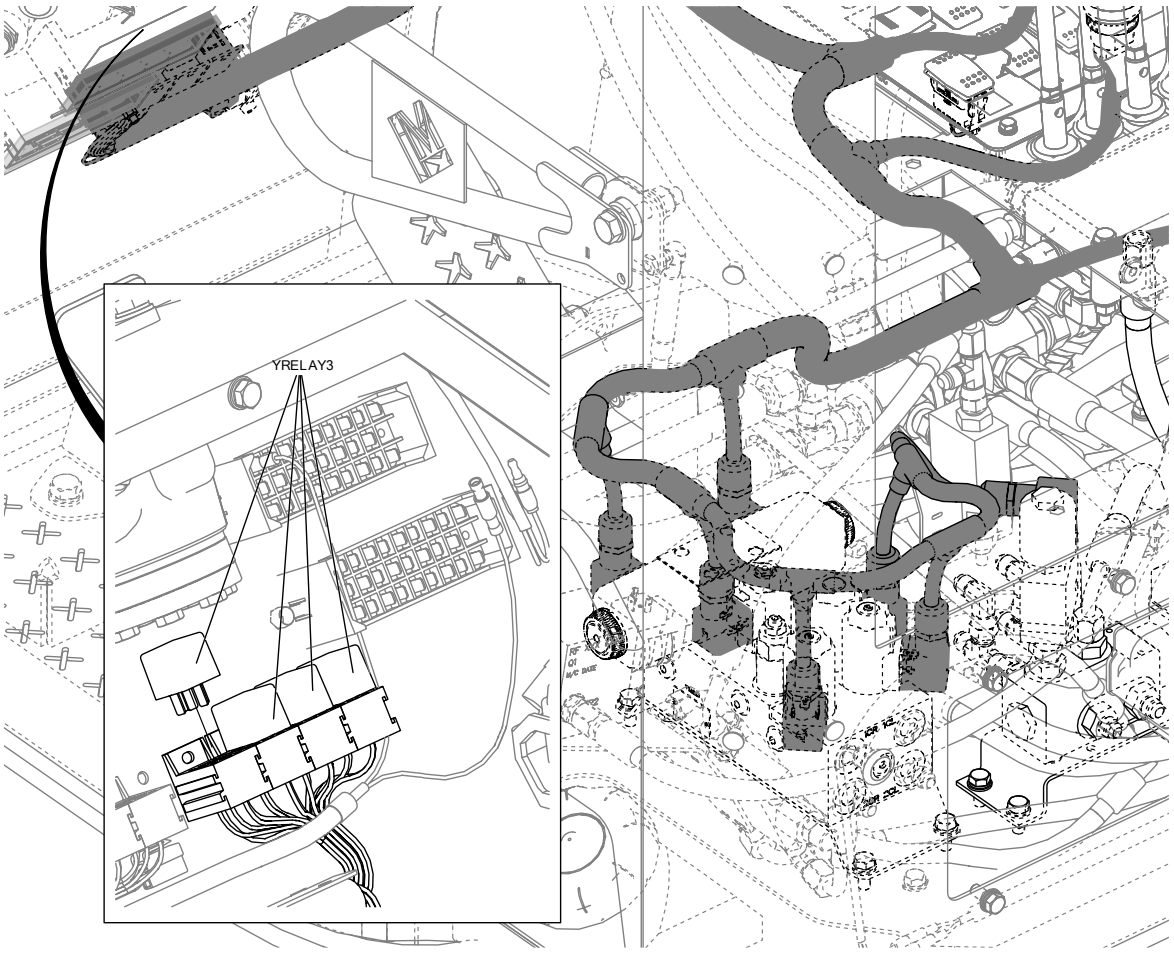


Figure 47: LM1-825-61 4-WAY LOOM WITH INTERLOCK JIC - RELAYS

CHAPTER1.32: REAR STEER MOTOR

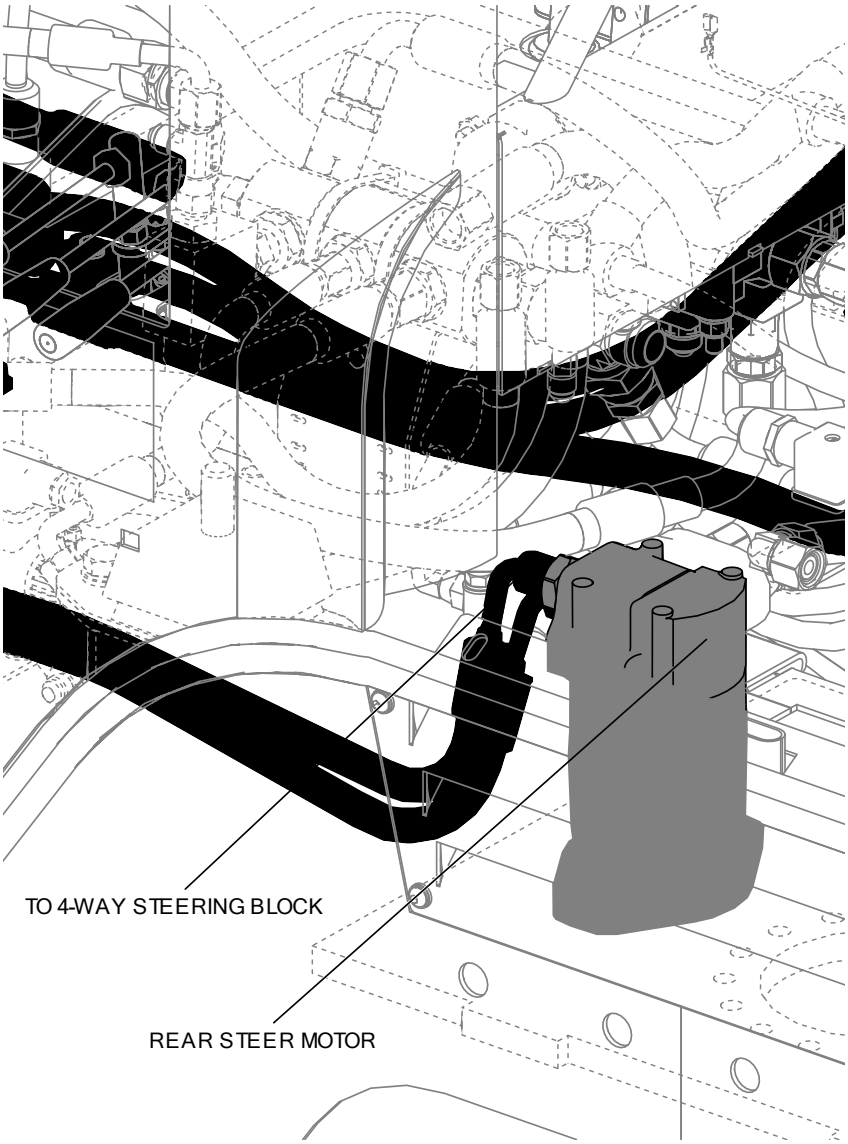
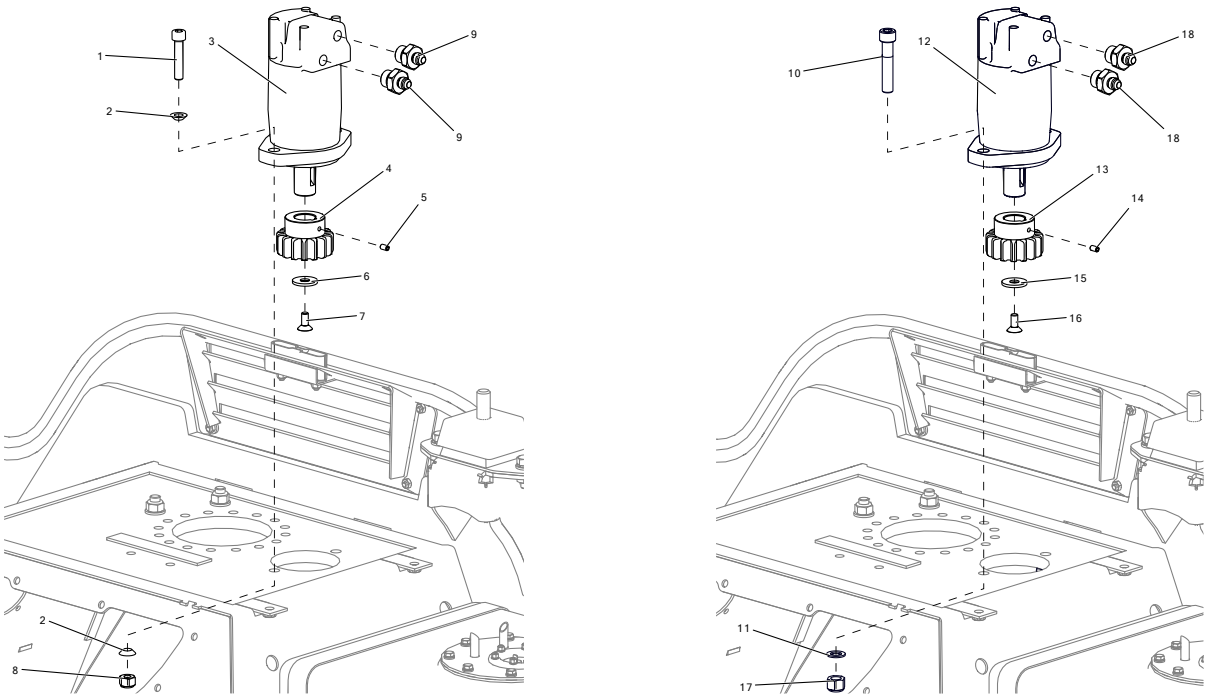


Figure 48: LM1-310-10 REAR STEER MOTOR JIC 4-WAY



METRIC BOLT SCHEME (ITEMS 1 TO 9)

IMPERIAL BOLT SCHEME (ITEMS 10 TO 18)

Figure 49: LM1-310-10 REAR STEER MOTOR BOLT SCHEME

ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	XSC10055BZP	2	M10 x 55 CAP HEAD 12.9	-
2	LM1-300-06	4	STEER MOTOR CONICAL WASHER	-
3	YMOTOR3	1	STEERING MOTOR ALL YMOTOR3 REPLACEMENTS NO LONGER REQUIRE SPACER BETWEEN MOTOR AND GEAR. YMOTOR3KEY X 1 SUPPLIED WITH YMOTOR3 BUT ALSO CAN BE PURCHASED AS A SPARE.	-
4	LM1-300-04	1	GEAR ON REAR WHEEL	-
5	XG06010Z	1	GRUB SCREW	-
6	LM1-100-43	1	SPUR GEAR RETAINING WASHER	-
7	XCSK08020SKTZB	1	M8 X 20 CSUNK SCREW 8.8	-
8	XN10N10.9	4	M10 NYLOC NUT 10.9	-
9	YHA1.2-9.16J	2	1/2" BSP M W/ SEAL TO 9/16J-18 M	YHA1.2-12L
10	XSC2.1/201/2UNFBZP	2	2.5 X 0.5 INCH UNF CAP HEAD SCREW	-
11	XW0.5T3Z	2	1/2 INCH WASHER	-
12	YMOTOR3	1	SEE NOTES FOR ITEM 3.	-
13	LM1-300-04	1	GEAR ON REAR WHEEL	-
14	XG06010Z	1	GRUB SCREW	-
15	LM1-100-43	1	SPUR GEAR RETAINING WASHER	-
16	XCSK08020SKTZB	1	M8 X 20 CSUNK SCREW 8.8	-
17	XN0.5UNFN	2	0.5 INCH UNF NUT	-
18	YHA1.2-9.16J	2	1/2" BSP M W/ SEAL TO 9/16J-18 M	YHA1.2-12L

Table 36: LM1-310-10 REAR STEER MOTOR BOLT SCHEME

CHAPTER1.33: DIFFERENTIAL BLOCKS TO CHASSIS

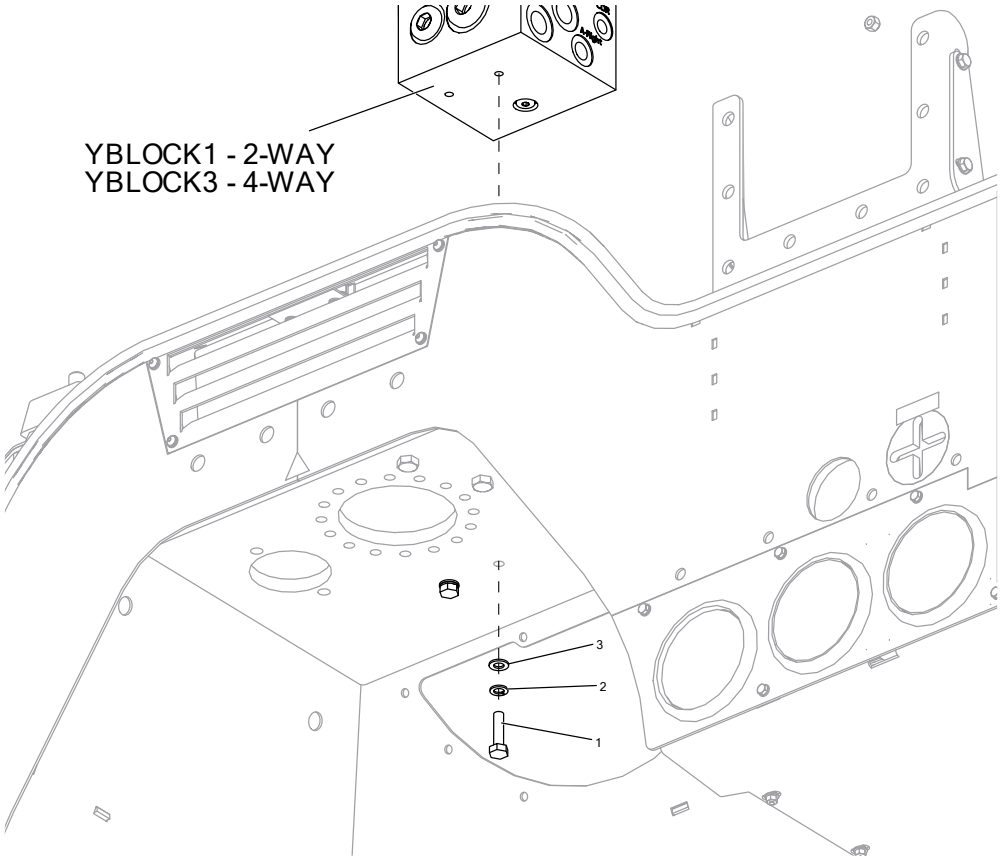


Figure 50: DIFFERENTIAL BLOCK TO CHASSIS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS10040Z	2	M10 X 40 HEX HEAD SCREW 8.8	
2	XW10SZ	2	M10 SPRING WASHER	
3	XW10AZ	2	M10 FORM A WASHER	

Table 37: DIFFERENTIAL BLOCK TO CHASSIS

CHAPTER1.34: CHASSIS LIGHTS

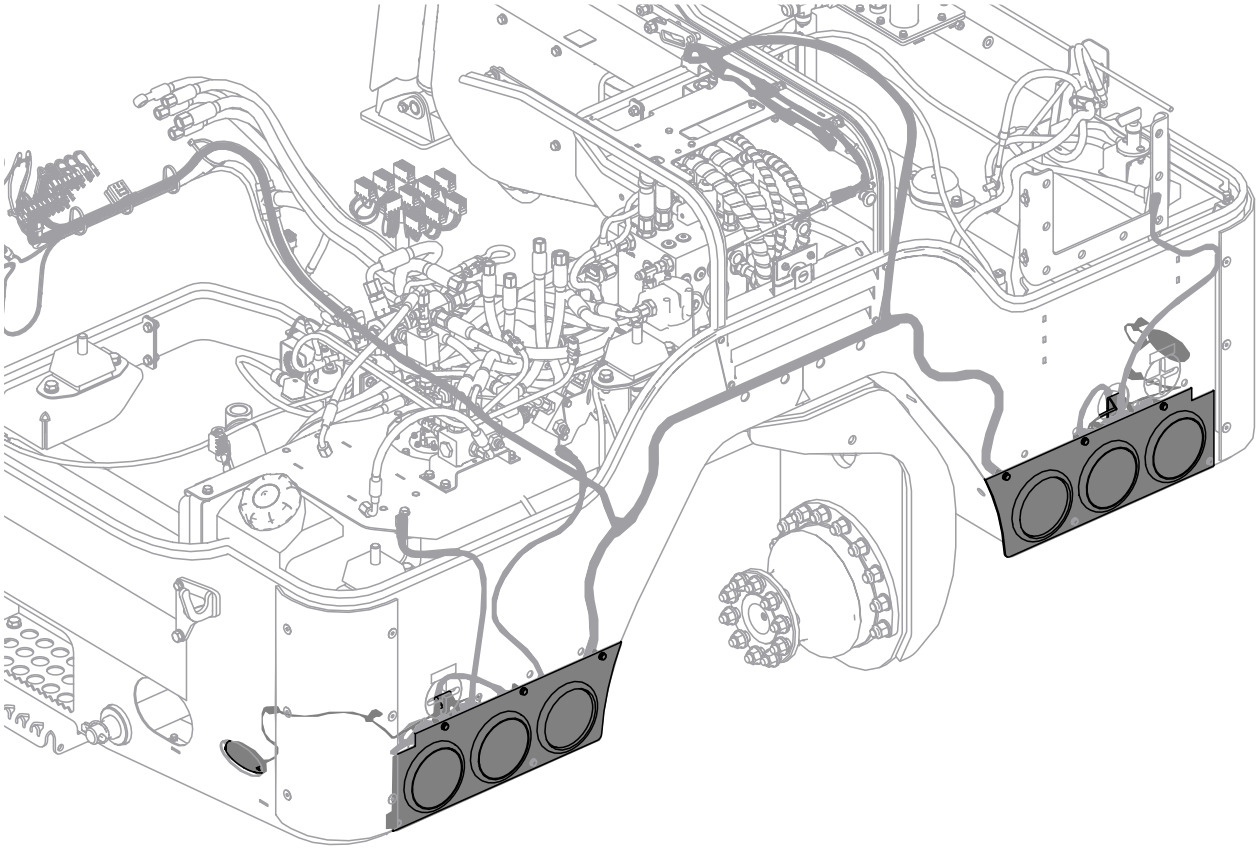


Figure 51: Chassis lights general layout

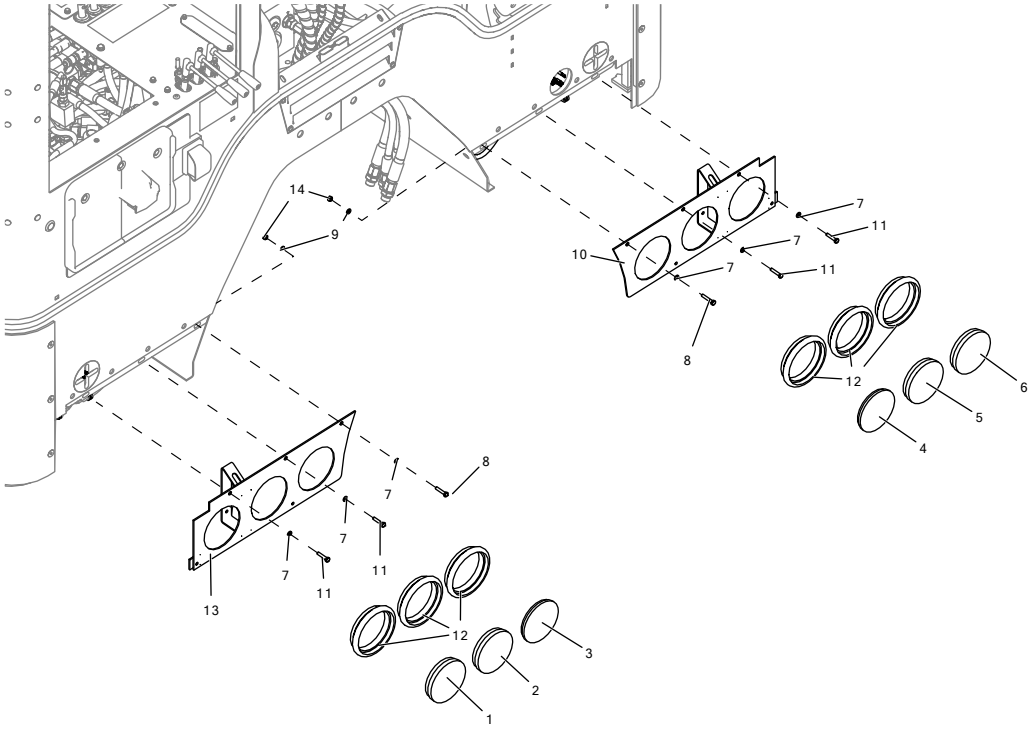


Figure 52: Chassis lights

ITEM	TERRITORY	PART NUMBER	DESCRIPTION	QTY
1	USA/CAN UK/AUS/EU	YLIGHT38 YLIGHT31	RED STOP/TAIL ORANGE INDICATOR	1
2	USA/CAN UK/AUS/EU	YLIGHT38 YLIGHT33	RED STOP/TAIL RED STOP/TAIL	1
3	USA/CAN UK/AUS/EU	YLIGHT39 YLIGHT34	WHITE REVERSE WHITE REVERSE	1
4	USA/CAN UK/AUS/EU	YLIGHT39 YLIGHT32	WHITE REVERSE RED FOG	1
5	USA/CAN UK/AUS/EU	YLIGHT38 YLIGHT33	RED STOP/TAIL RED STOP/TAIL	1
6	USA/CAN UK/AUS/EU	YLIGHT38 YLIGHT31	RED STOP/TAIL ORANGE INDICATOR	1
7	ALL	XW06CZ	M6 FORM C WASHER	2
8	ALL	XS06035ZB	M6 X 35 HEX HEAD SCREW 8.8 BLACK	6
9	ALL	XW06GZ	M6 FORM G WASHER	6
10	ALL	LM1-113-50	RH REAR LIGHT CLUSTER	1
11	ALL	XS06050Z	M6 X 50 HEX HEAD SCREW 8.8	4
12	ALL	YGR14.5	LIGHT 4.5" GROMMET	6
13	ALL	LM1-112-50	LH REAR LIGHT CLUSTER	1
14	ALL	XN06N	M6 NYLOC NUT	6

Table 38: Chassis lights - BOM

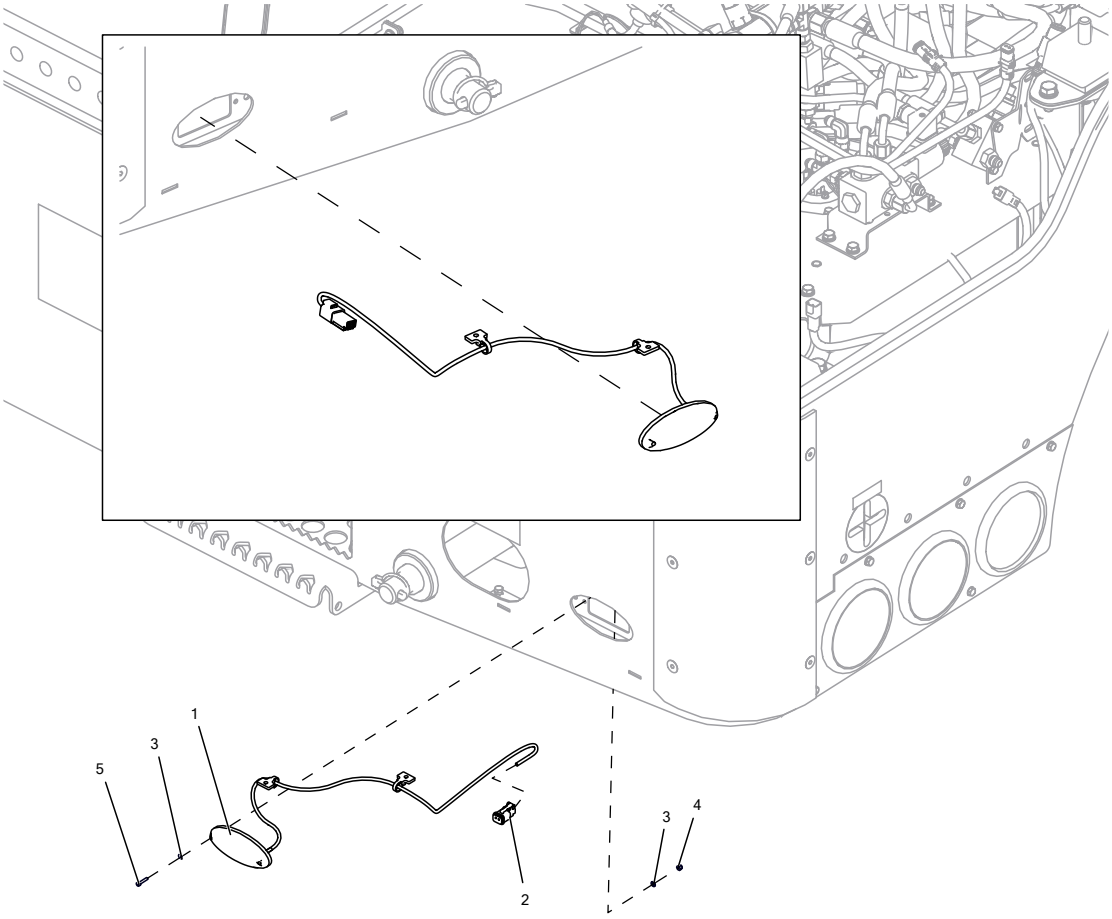


Figure 53: LM1-860-00 SIDE MARKER LIGHTS

ITEM	PART NUMBER	TERRITORY	QTY	DESCRIPTION
1	YLIGHT37	USA/CAN	2	RED SIDE LIGHT
	YLIGHT24	UK/AUS/EU		ORANGE SIDE LIGHT
2	DT06 2S	ALL	2	2-PIN DEUTSCH CONNECTOR MALE
3	XW03AZ	ALL	8	M3 FORM A WASHER
4	XN03N	ALL	4	M3 NYLOC NUT
5	XSC03016Z	ALL	2	M3 X 16 CAP HEAD SCREW 8.8

Table 39: LM1-860-00 USA-CAN SIDE MARKER LIGHTS - BOM

USA / CANADA REAR LIGHTS

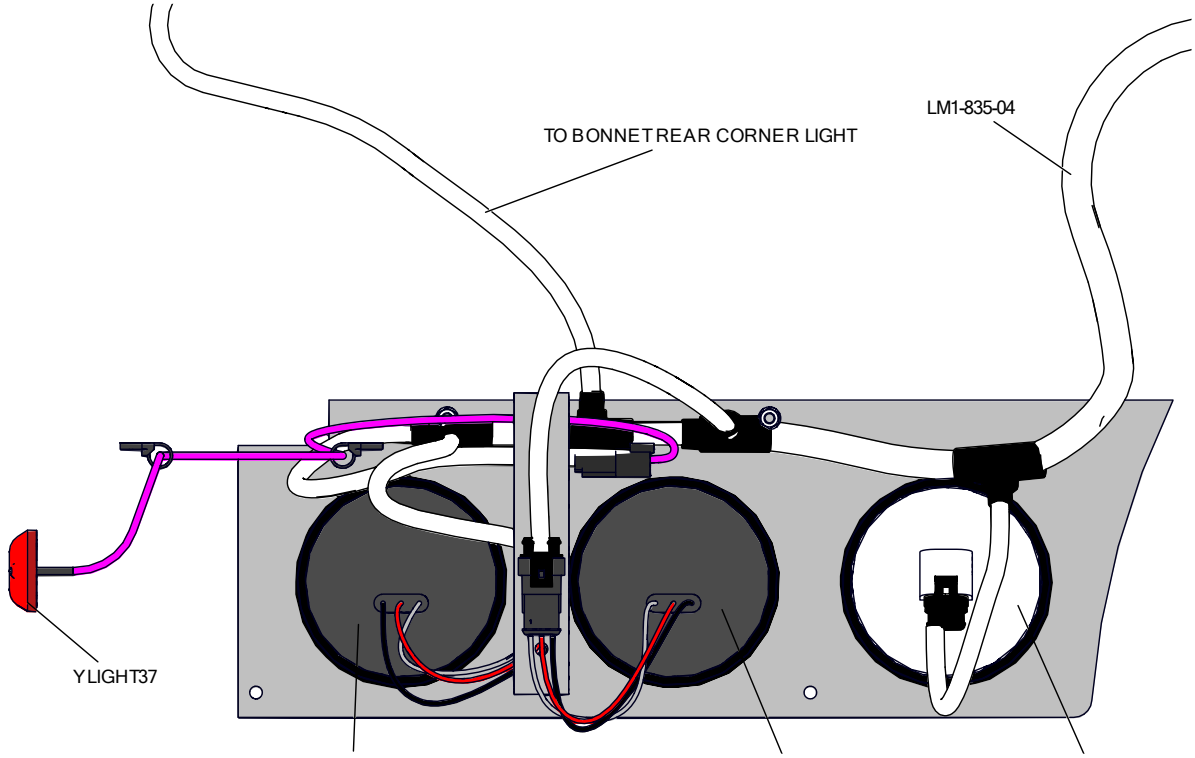


Figure 54 LM1-860-00 USA/CAN RHS REAR CORNER LIGHTS

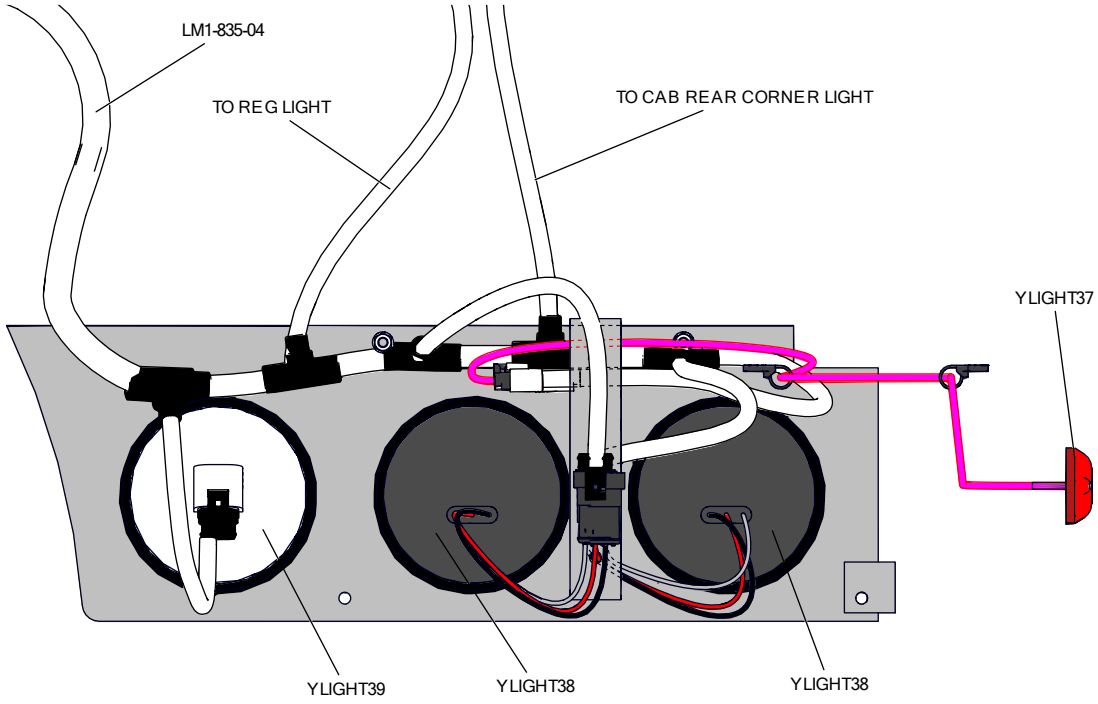


Figure 55: LM1-860-00 USA/CAN LHS REAR CORNER LIGHTS

UK / AUS / EU REAR LIGHTS

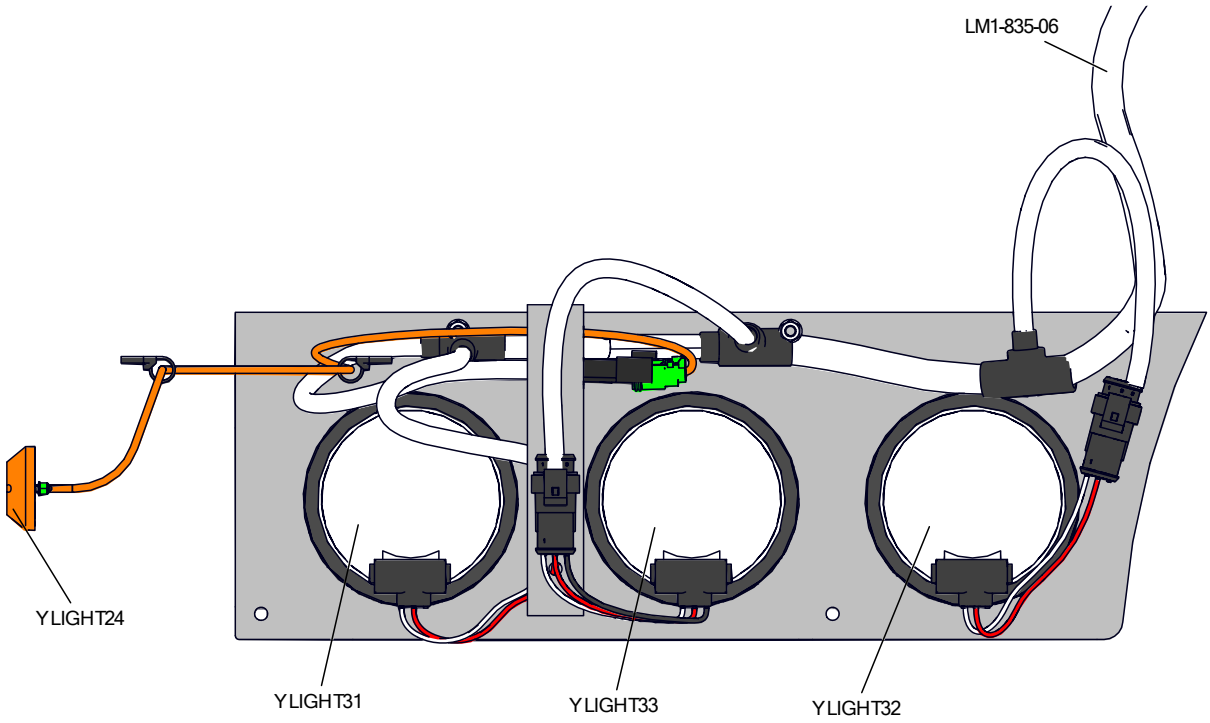


Figure 56: LM1-850-00 UK AUS EU RHS REAR CORNER LIGHTS

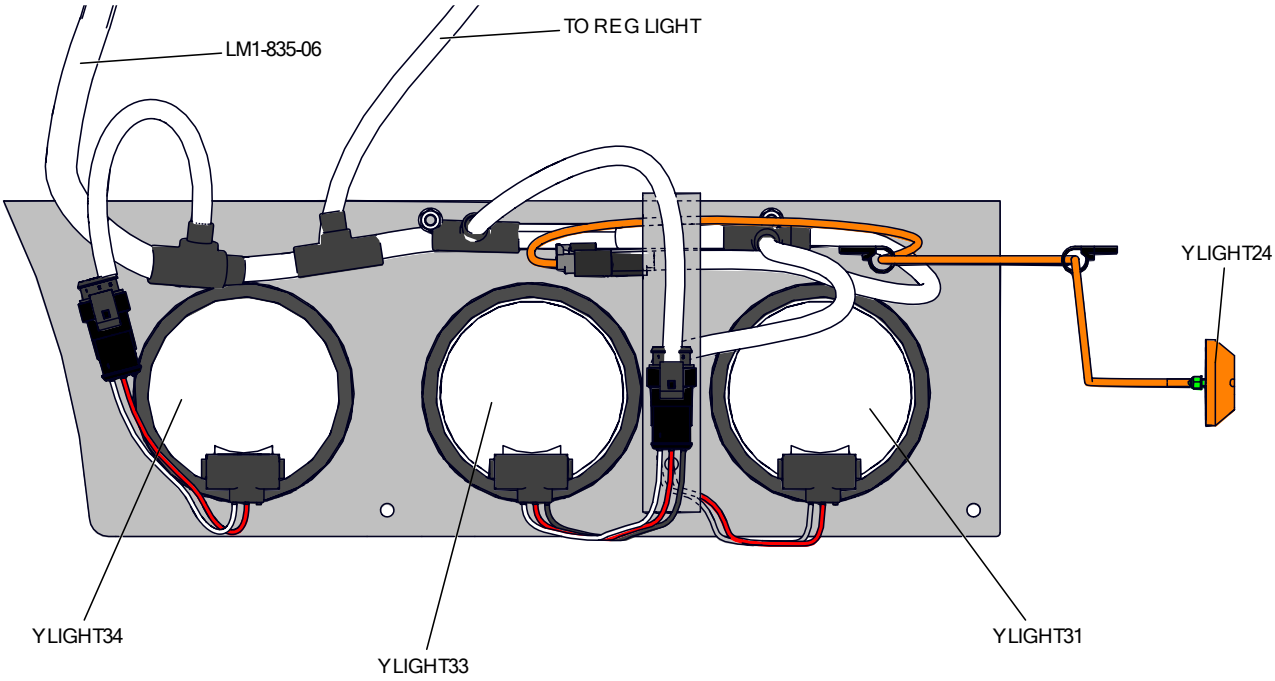


Figure 57: LM1-850-00 UK AUS EU LHS REAR CORNER LIGHTS

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CHAPTER2: BONNETS AND GRILL

CHAPTER2.1: MAIN BONNETS GROMMET / MARKER LIGHT

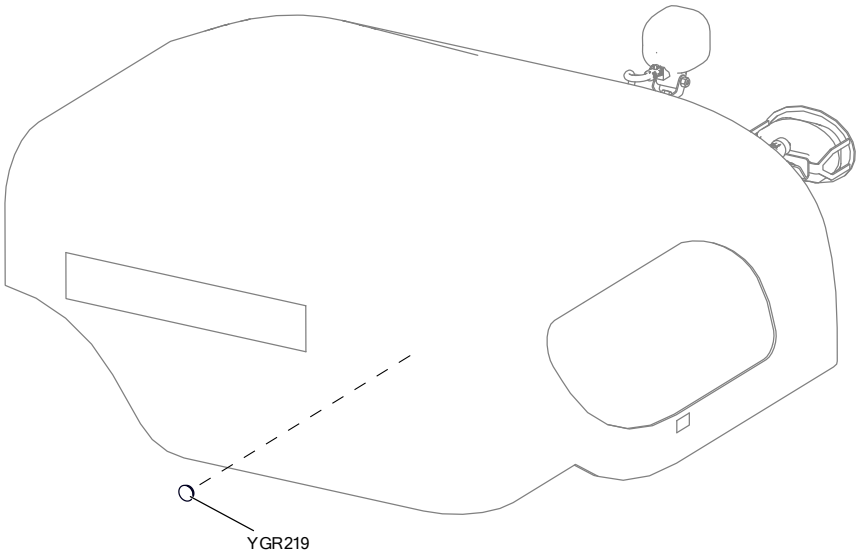


Figure 58: BONNET WITHOUT MARKER LIGHT

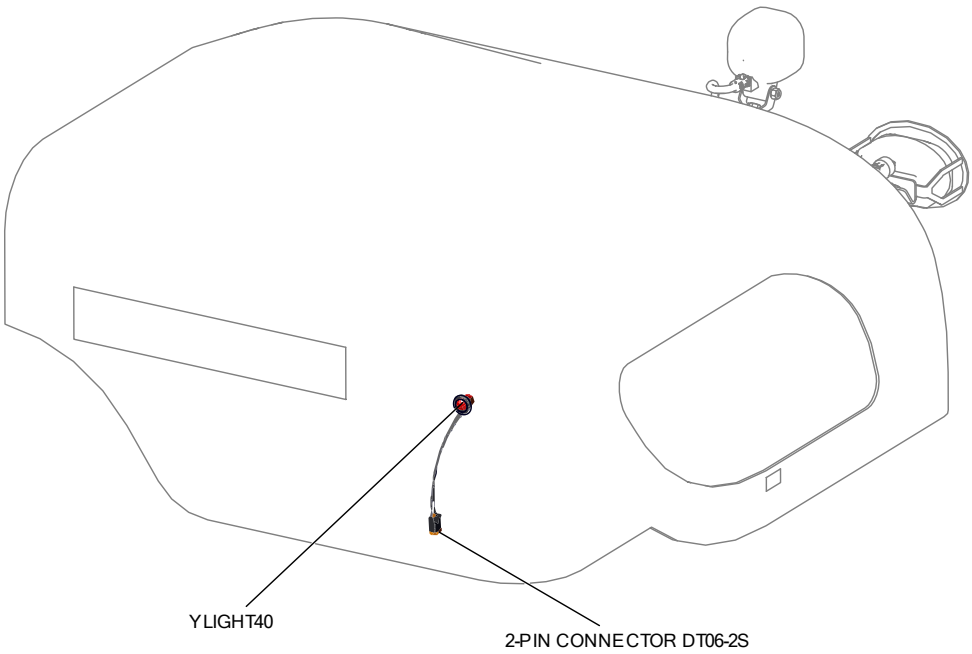


Figure 59: BONNET WITH MARKER LIGHT

CHAPTER2.2: MAIN BONNET ASSEMBLY TO CHASSIS

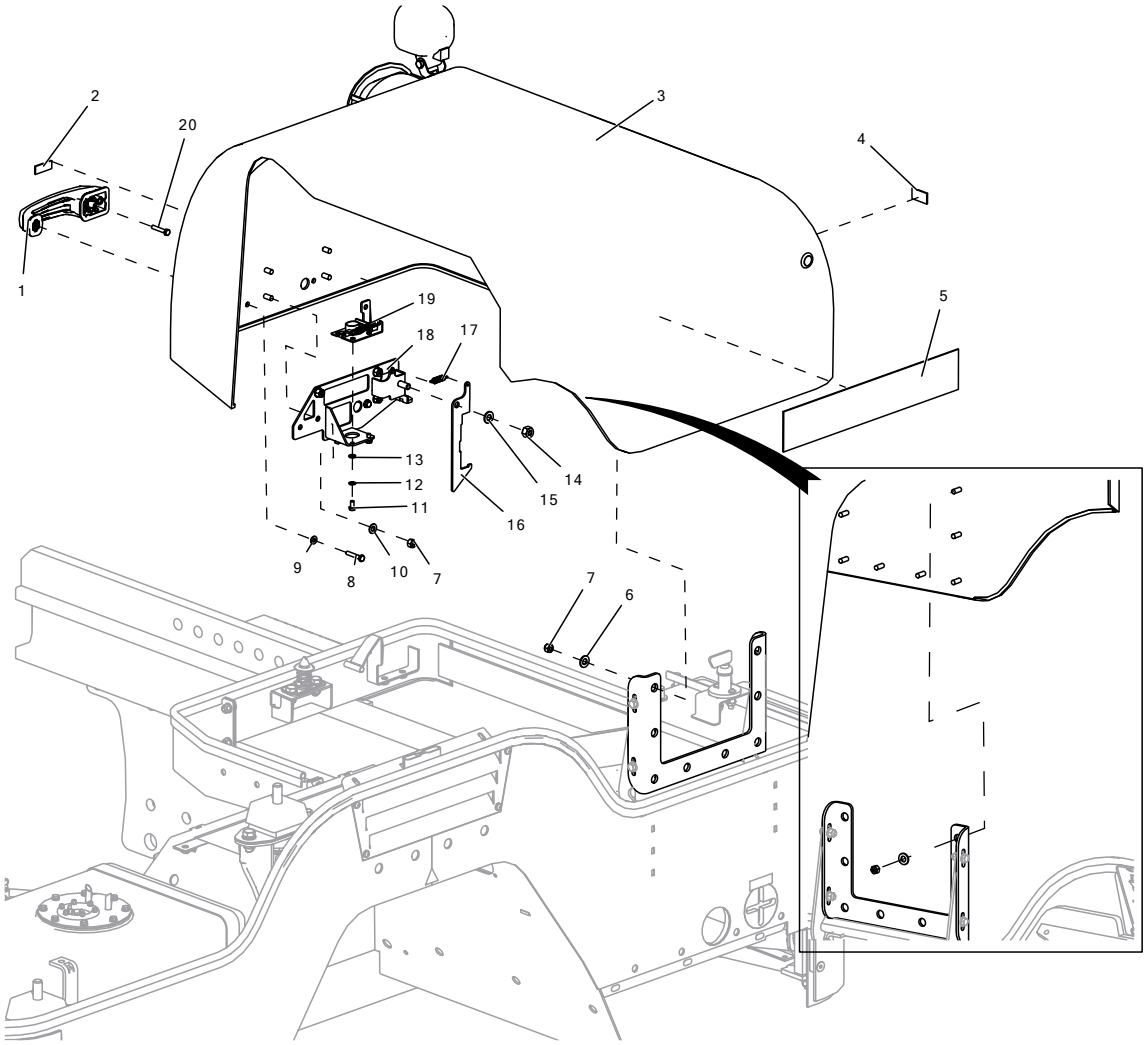


Figure 60: LM1-125-85 BONNET ASSEMBLY TO CHASSIS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YHANDLE39	1	TRIMOUNT PUSH BUTTON HANDLE	
2	LM1-901-30	1	DECAL	
3	LM1-125-10	1	GRP BONNET	
4	LM1-901-04	1	DECAL - BATTERY ISOLATOR UNDER BONNET	
5	LM1-901-18	1	DECAL - LOADMAC	
6	XW10AZ	9	M10 FORM A WASHER	
7	XN08N	7	M8 NYLOC NUT	
8	XS06035Z	2	M6X35 HEX SET BLACK	
9	XW06CZ	4	M6 FORM C WASHER ZINC PLATED	
10	XW08AZ	1	M8 FOROM A WASHER	
11	XS06012Z	3	M6 X 12 HEX HEAD SCREW 8.8	
12	XW06SZ	3	M6 SPRING WASHER	
13	XW06AZ	3	M6 FORM A WASHER	
14	XN10N	1	M10 NYLOC NUT	
15	XW10AZ	1	M10 FORM A WASHER	
16	LM1-297-09	1	Secondary Latch Bracket	
17	YSPRING6	1	SPRING	
18	LM1-298-01	1	BLM MAIN BODY WA	
19	YLATCH60	1	BONNET LOCK - BONNET SIDE	
20	XB06030Z	1	M8 X 60 BOLT	

Table 40: LM1-125-85 BONNET ASSEMBLY TO CHASSIS BOM

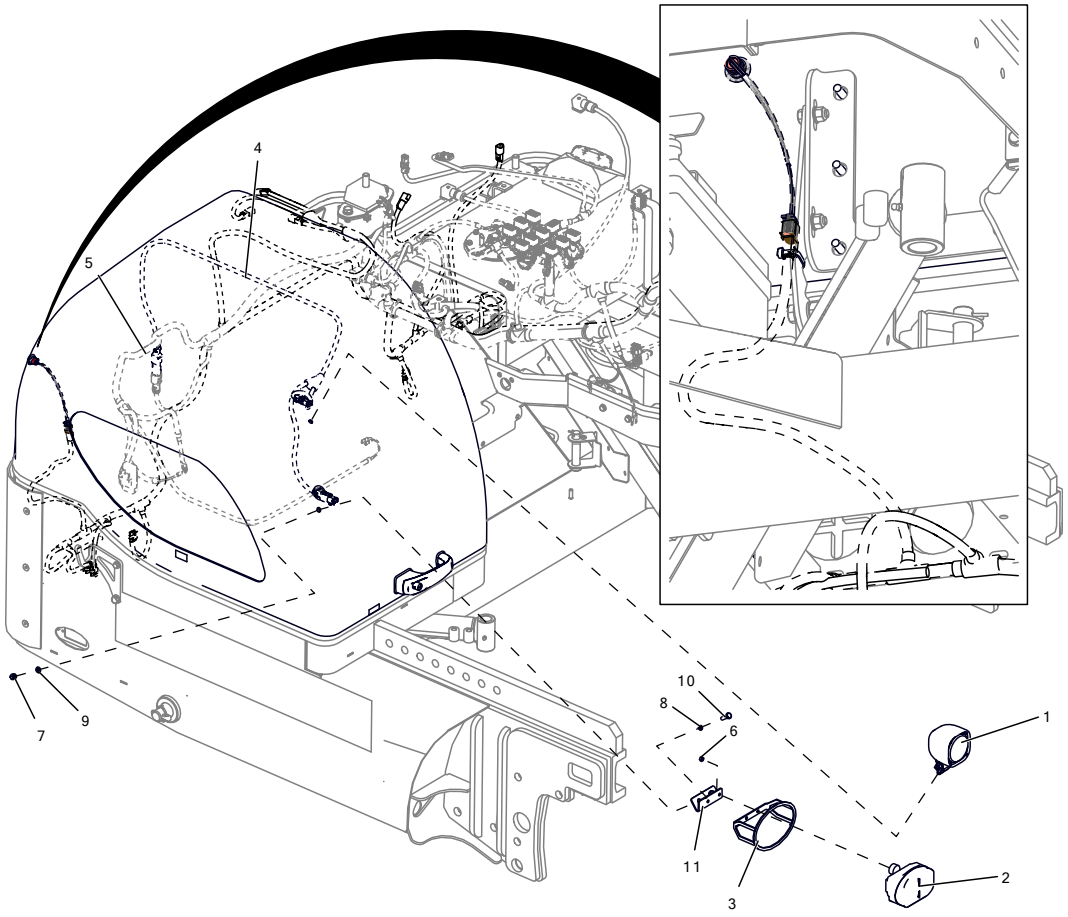


Figure 61: LM1-125-85 BONNET LIGHTS AND WIRING

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YLIGHT43	1	LED WORKLIGHT	
2	YLIGHT28	1	RH SIDE/INDICATOR LAMP	
3	LM1-712-00	1	MK2 LIGHT PROTECTION BRACKET	
4	LM1-810-06	1	BONNET LOOM	
5	LM1-830-01	1	HATZ CHASSIS LOOM	
6	XN06N	2	M6 NYLOC NUT	
7	XN08N	2	M8 NYLOC NUT	
8	XW06AZ	2	M6 FORM A WASHER ZINC PLATED	
9	XW06CZ	2	M6 FORM C WASHER ZINC PLATED	
10	XS08025Z	2	M8 X 25 HEX HEAD SCREW 8.8	
11	LM1-125-18	1	LIGHT MOUNT	

Table 41: LM1-125-85 BONNET LIGHTS AND WIRING BOM

CHAPTER2.3: CENTRE BONNET ASSEMBLY

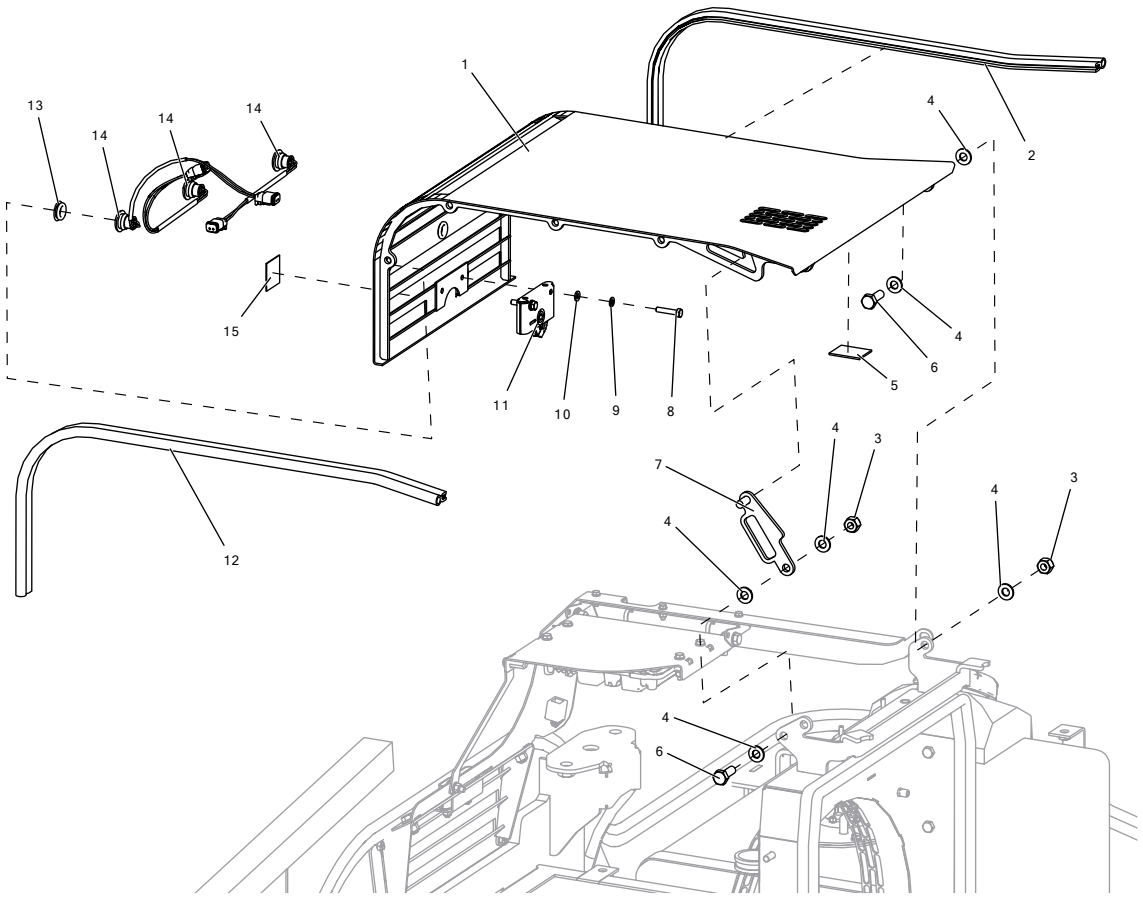


Figure 62: LM1-106-711 CENTRE BONNET COMPLETE WITH MARKER LIGHTS OR BLANKING GROMMETS

ITEM	PART NUMBER	QTY	WITH CENTRE LIGHTS AS SHOWN	WITHOUT CENTRE LIGHTS
1	LM1-106-70	1	LM825 T4F CENTRE BONNET	SAME
2	LM1-106-178	1	SEAL STRIP 7601501 X 800MM LONG	SAME
3	XN10N	3	M10 NYLOC NUT	SAME
4	XW10AZ	9	M10 FORM A WASHER	SAME
5	LM1-901-39	1	CAUTION HOT - DECAL	SAME
6	XS10030Z	3	M10 X 30 HEX HEAD SCREW 8.8	SAME
7	LM1-106-90	1	BONNET STAY FAB	SAME
8	XS06030Z	2	M6 X 30 HEX HEAD SCREW 8.8	SAME
9	XW06SZ	2	M6 SPRING WASHER	SAME
10	XW06AZ	2	M6 FORM A WASHER	SAME
11	YLATCH13	1	BONNET CAM LATCH	SAME
12	LM1-106-179	1	SEAL STRIP 7601501 X 800MM LONG	SAME
13	YGR219	3	NOT FITTED	GROMMET BLIND 19DIA
14	YLIGHT40*	3	REAR SIDE / CLEARANCE LIGHT	NOT FITTED
15	LM1-901-06	1	TURN TO OPEN - DECAL	SAME

*YLIGHT40 ALL HERE ARE FITTED WITH 2-PIN DEUTSCHE CONNECTORS DT02

Table 42: LM1-106-711 CENTRE BONNET COMPLETE WITH MARKER LIGHTS BOM

CHAPTER2.4: ECU UNDER CENTRE BONNET

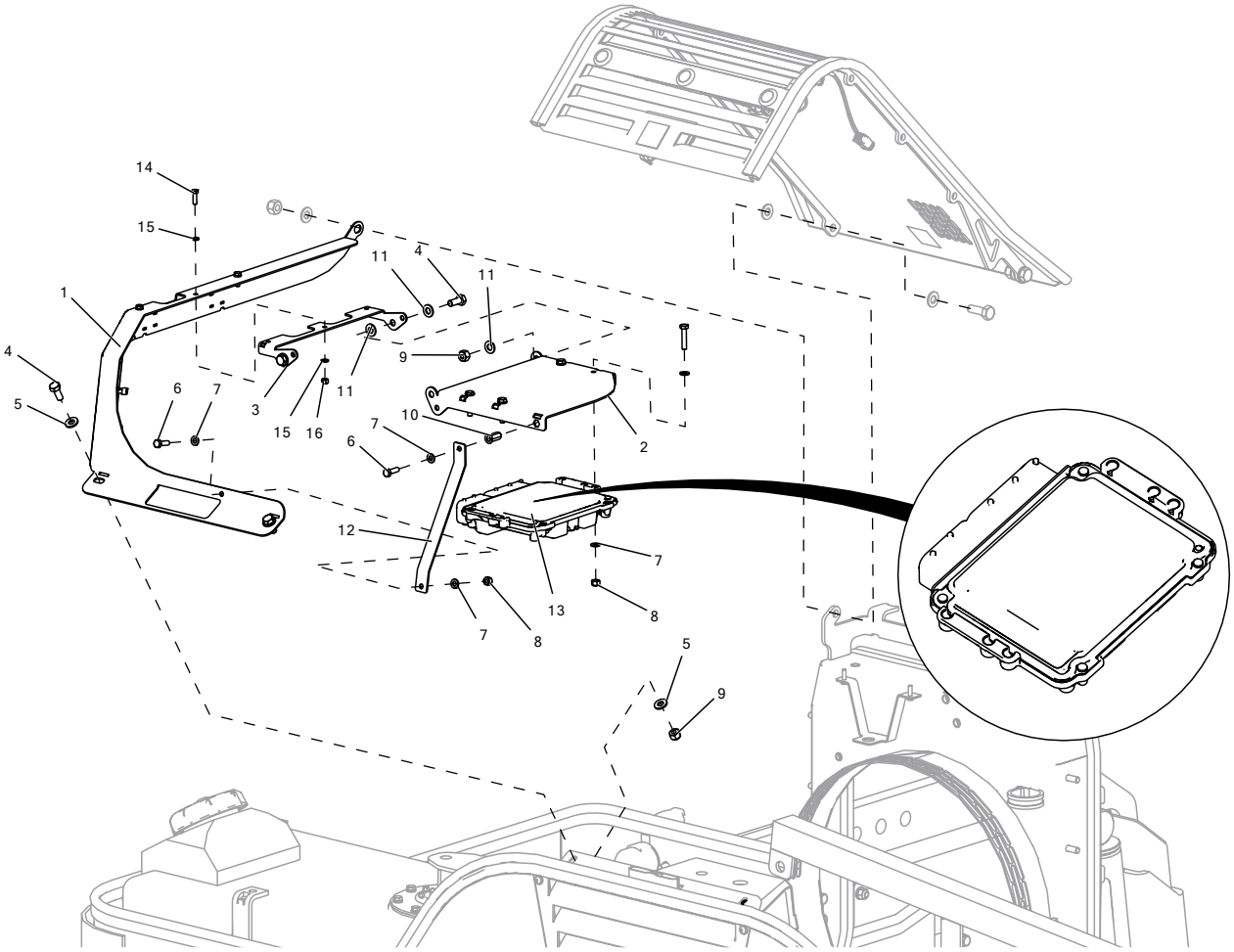


Figure 63: ECU UNCER CENTRE BONNET

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-106-185	1	ECU BONNET FRAME	
2	LM1-106-188	1	ECU CRADLE	
3	LM1-106-186	1	ECU BONNET HINGE	
4	XS08020Z	4	M8 X 20 HEX HEAD SCREW 8.8	
5	XW08CZB	4	M8 FORM C WASHER	
6	XS06020Z	2	M6 X 20 HEX HEAD SCREW 8.8	
7	XW06AZ	11	M6 FORM A WASHER	
8	XN06N	5	M6 NYLOC NUT	
9	XN08N	4	M8 NYLOC NUT	
10	XNS06H	1	M6 HEX NUTSERT	
11	XW08AZ	6	M8 FORM A WASHER	
12	LM1-106-187	1	ECU STRUT	
13	ECU	1	HATZ ECU	
14	XB05016SZ	3	M5 X 16 HEX HEAD SCREW 8.8	
15	XW05AZ	8	M5 FORM A WASHER	
16	XN05N	4	M5 NYLOC NUT	

Table 43: ECU UNCER CENTRE BONNET - BOM

CHAPTER2.5: CENTRE GRILL ASSEMBLY

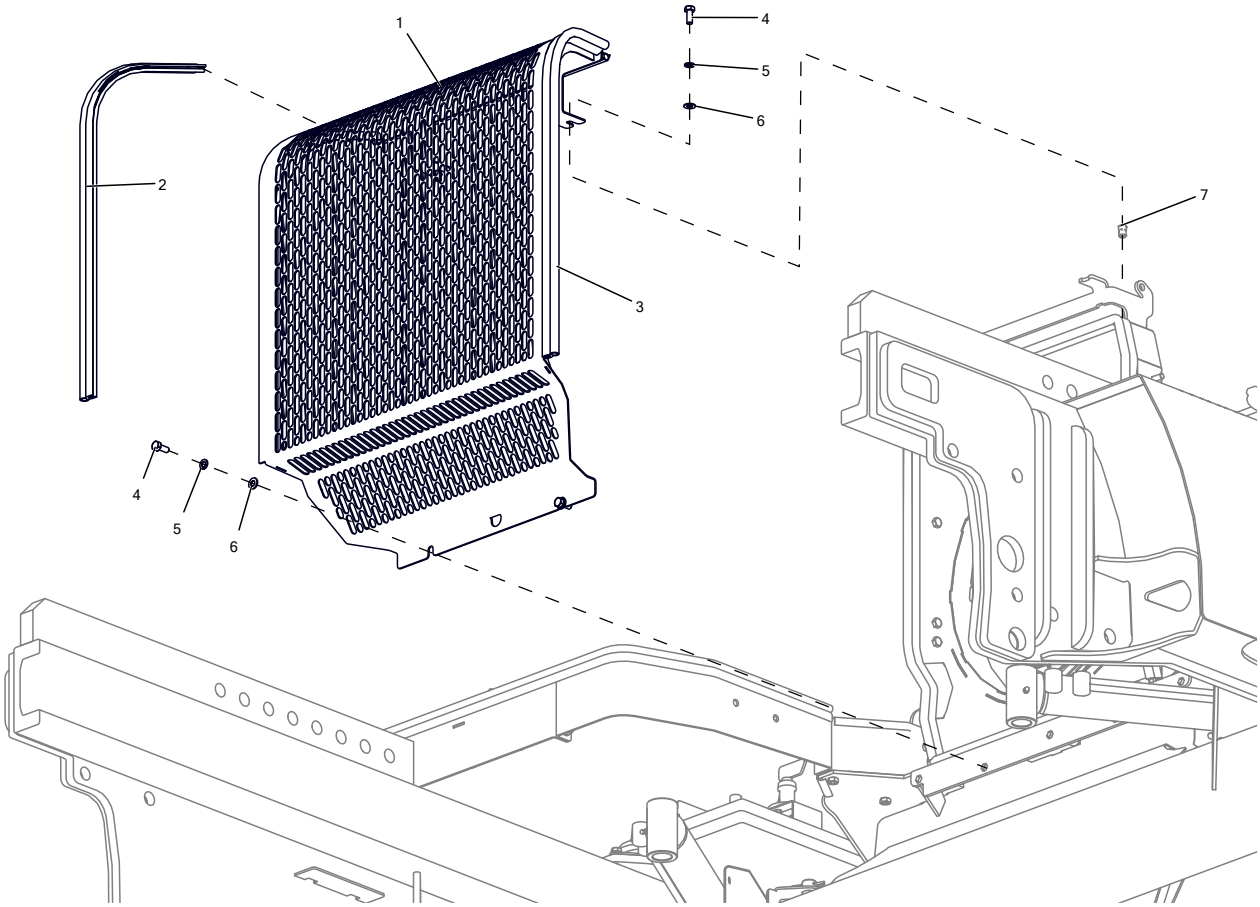


Figure 64: LM1-106-300 CENTRE GRILL COMPLETE

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-106-160	1	UNIVERSAL GRILL	
2	LM1-106-172	1	SEAL STRIP 7601501 X 700MM LONG	
3	LM1-106-171	1	SEAL STRIP 7601501 X 700MM LONG	
4	XS08020Z	4	M8 X 20 HEX HEAD SCREW 8.8	
5	XW08SZ	4	M8 SPRING WASHER	
6	XW08AZ	4	M8 FORM A WASHER	
7	XNS08H	2	M8 HEX NUTSERT	

Table 44: LM1-106-300 CENTRE GRILL COMPLETE BOM

CHAPTER2.6: 4-WAY MAST MONITOR ON GRILL ASSEMBLY

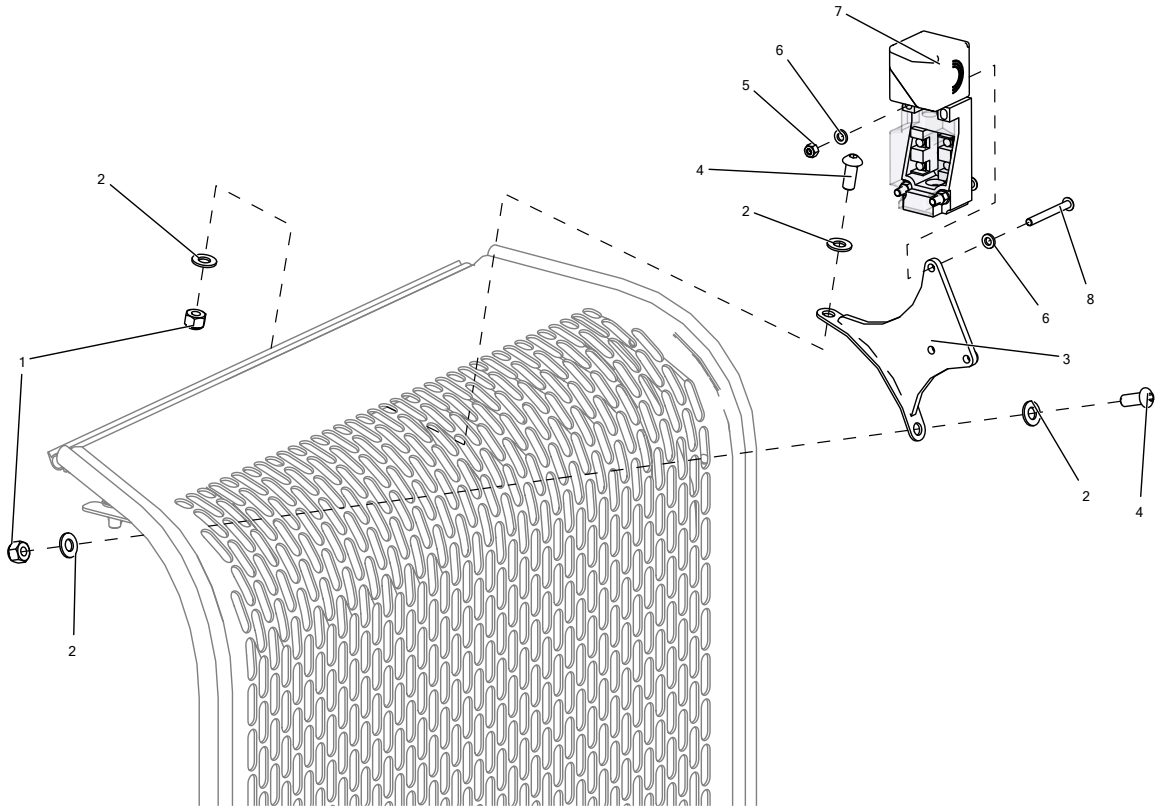


Figure 65: LM1-106-310 4-WAY SENSOR ON GRILL ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XN08N	2	M8 NYLOC NUT	
2	XW08AZ	4	M8 FORM A WASHER	
3	LM1-106-200	1	4-WAY SENSOR MOUNT	
4	XBUT08020Z	2	M8 X 20 HEX HEAD SCREW 8.8	
5	XN05N	3	M5 NYLOC NUT	
6	XW05AZ	6	M5 FORM A WASHER	
7	YSENSOR2	1	40MM MAST POSITION SENSOR	
8	XBUT05040SKTZB	3	M5 X 40 BUTTON HEAD SCREW 8.8	

Table 45: LM1-106-310 4-WAY SENSOR ON GRILL ASSEMBLY BOM

CHAPTER2.7: 4-WAY MAST MONITOR PICKUP PLATES ON 3RD STAGE MAST

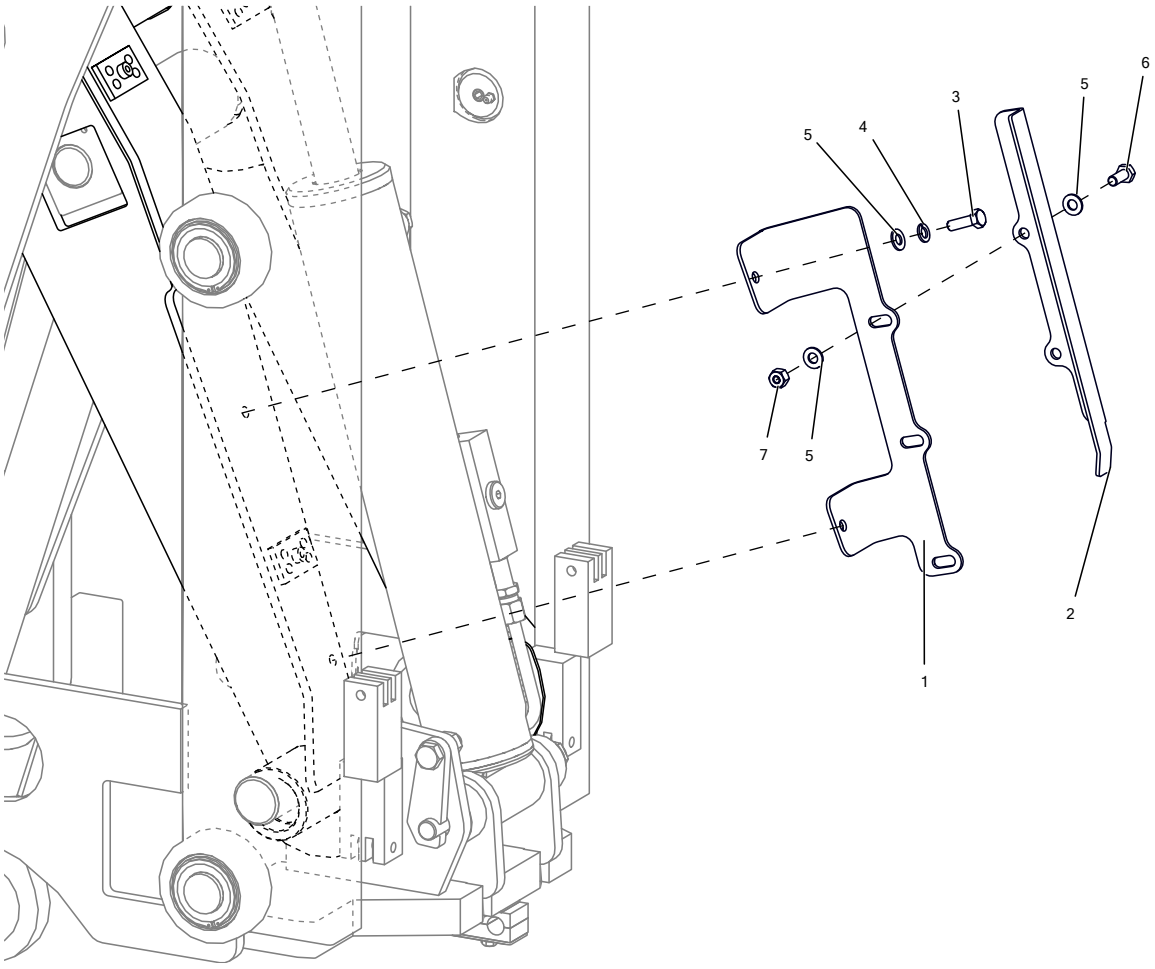


Figure 66: LM1-296-10 4-WAY MAST MONITOR PICKUP PLATE ASSEMBLY:

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-296-01	1	MAST MONITOR MAST BRACKET	
2	LM1-296-06	1	ADJUSTABLE SENSOR PICKUP	
3	XS08025Z	2	M8 X 25 HEX HEAD SCREW 8.8	
4	XW08SZ	2	M8 SPRING WASHER	
5	XW08AZ	6	M8 FORM A WASHER	
6	XS08020Z	2	M8 X 20 HEX HEAD SCREW 8.8	
7	XN08N	2	M8 NYLOC NUT	

Figure 67: LM1-296-10 4-WAY MAST MONITOR PICKUP PLATE ASSEMBLY: - BOM

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CHAPTER3: WHEEL ASSEMBLIES

CHAPTER3.1: REAR WHEEL ASSEMBLY UNIVERSAL

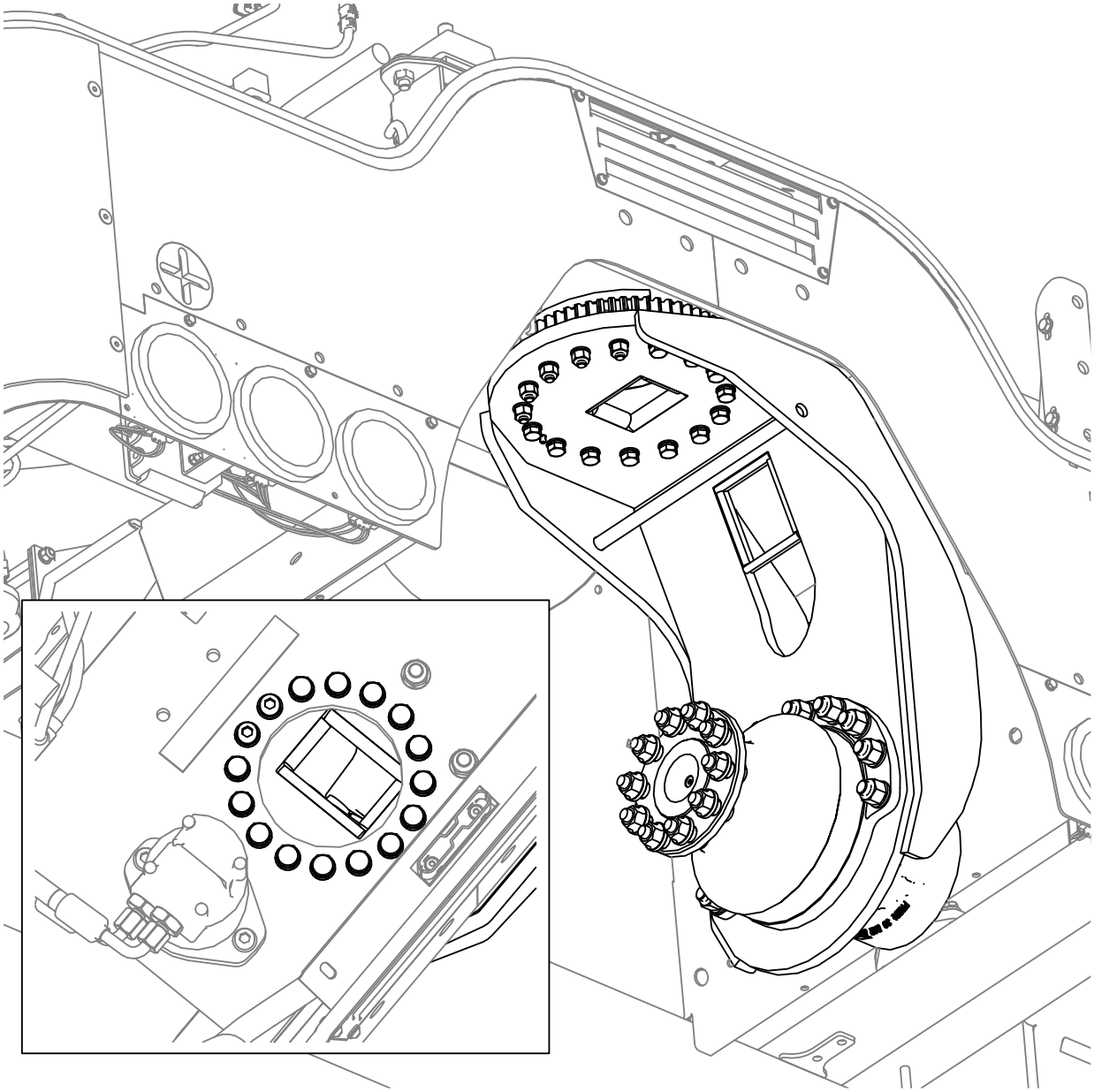


Figure 68: LM1-31-00 USA REAR WHEEL ASSEMBLY - GENERIC

INTENTIONALLY LEFT BLANK

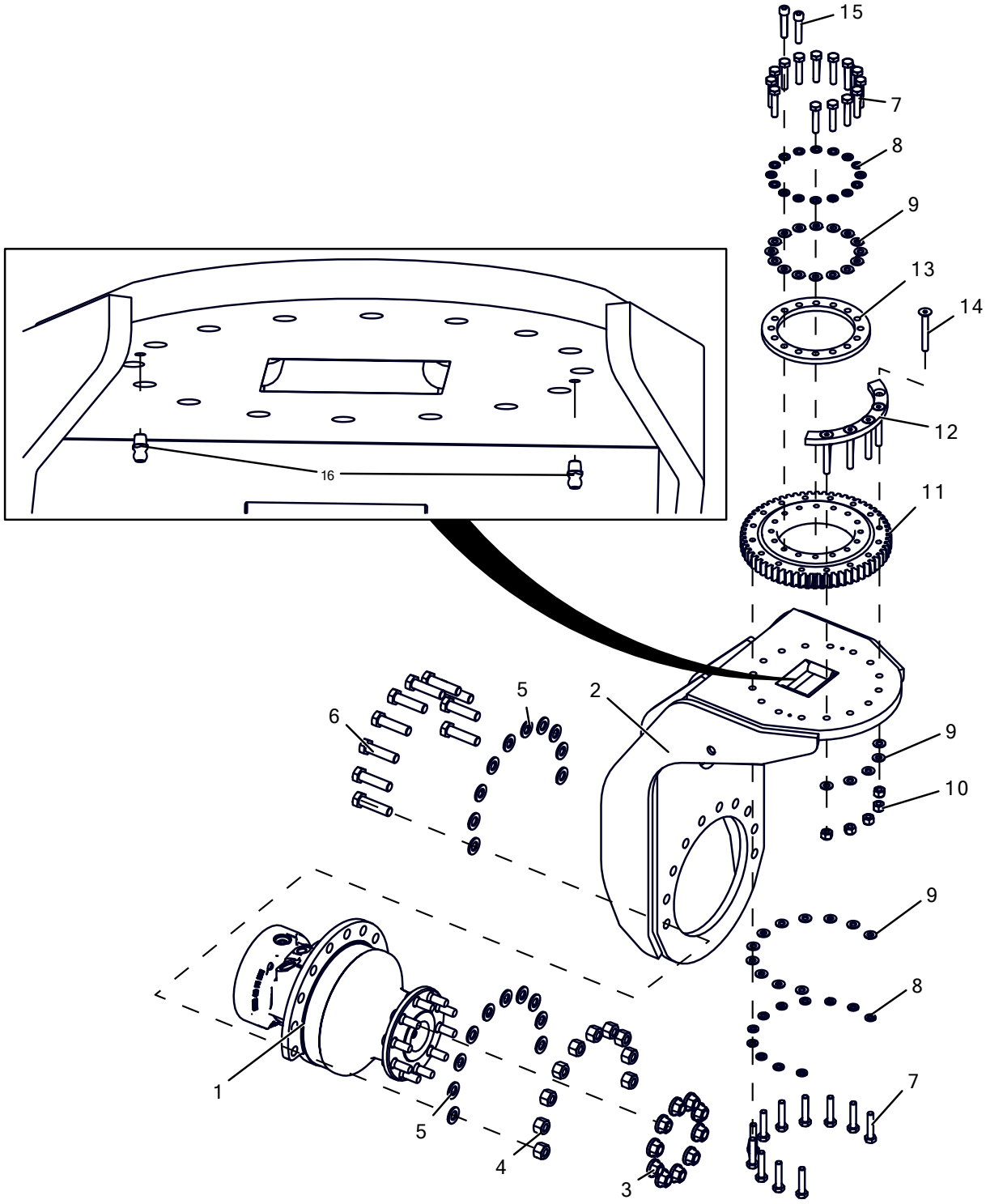


Figure 69: LM1-31-00 USA REAR WHEEL ASSEMBLY - GENERIC – DETAIL

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YMOTOR2	1	REAR WHEEL MOTOR BRAKED (750CC)	
2	LM1-302-00	1	REAR ARM WELD ASSEM	
3	YWHLNUT1	10	M14 WHEEL NUT SET	
4	XN16N	10	M16 NYLOC NUT	
5	XW16AZ	20	M16 FORM A WASHER	
6	XS16060Z	10	M16 X 60 HEX HEAD SCREW 8.8	
7	XS10045Z	25	M10 X 45 HEX HEAD SCREW 8.8	
8	XW10SZ	27	M10 SPRING WASHER	
9	XW10AZ	32	M10 FORM A WASHER	
10	XN10N	5	M10 NYLOC NUT	
11	LM1-300-03	1	REAR WHEEL SLEWING RING	
12	LM1-300-02	1	REAR STEERING LIMIT	
13	LM1-300-05	1	SPACER - SLEWING RING	
14	XCSK10080SKTZ	5	M10 X 80 CSUNK SCREW 8.8	
15	XSC10045Z	2	M10 X 45 CAP HEAD SCREW 12.9 ZINC PLATED	
16	YGN0600	2	YGN0600 GREASE NIPPLE	

Table 46: LM1-31-00 USA REAR WHEEL ASSEMBLY – DETAIL - BOM

CHAPTER3.2: REAR WHEEL HYDRAULICS 2-WAY

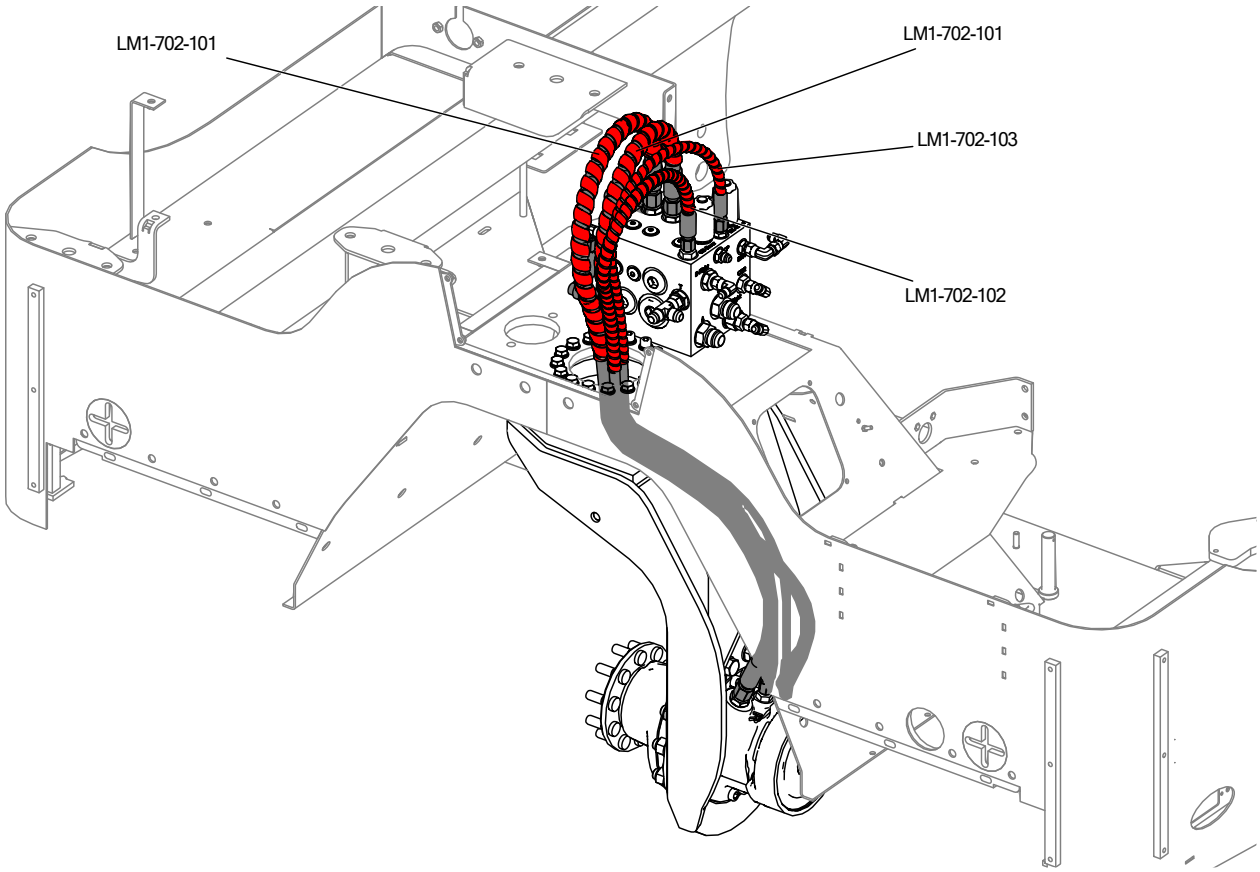
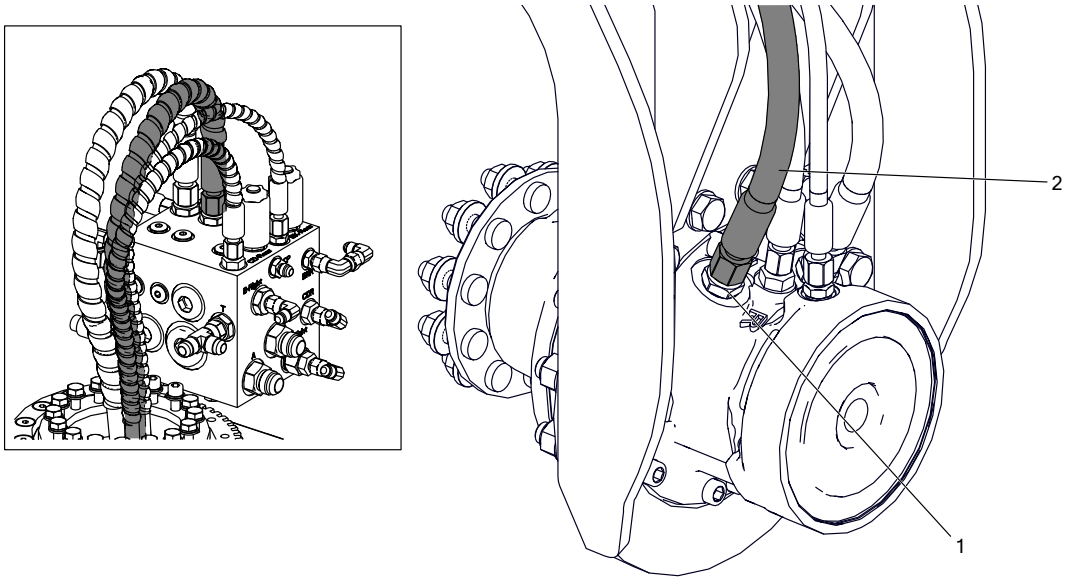
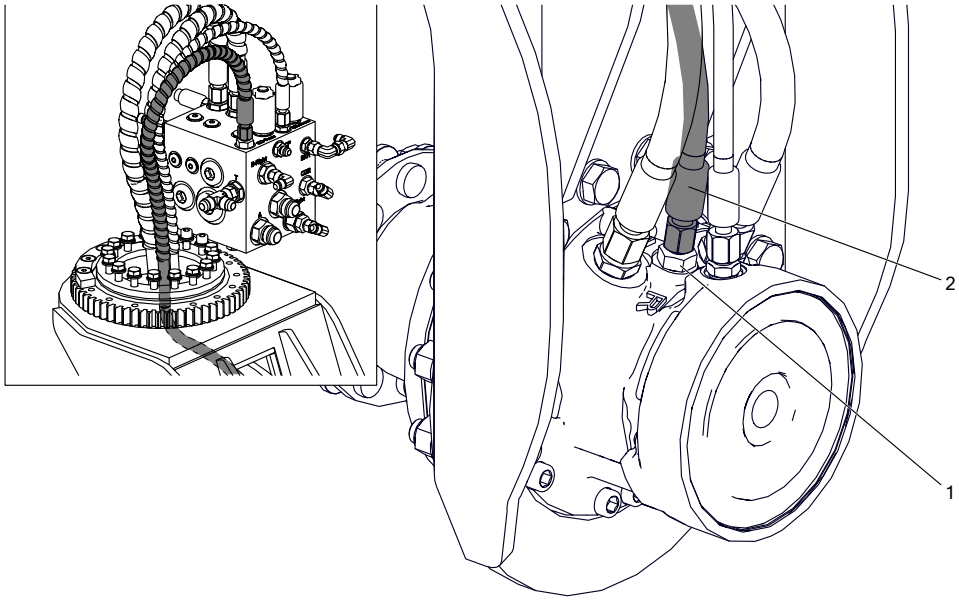


Figure 70: LM1-31-00 2-WAY REAR WHEEL LAYOUT



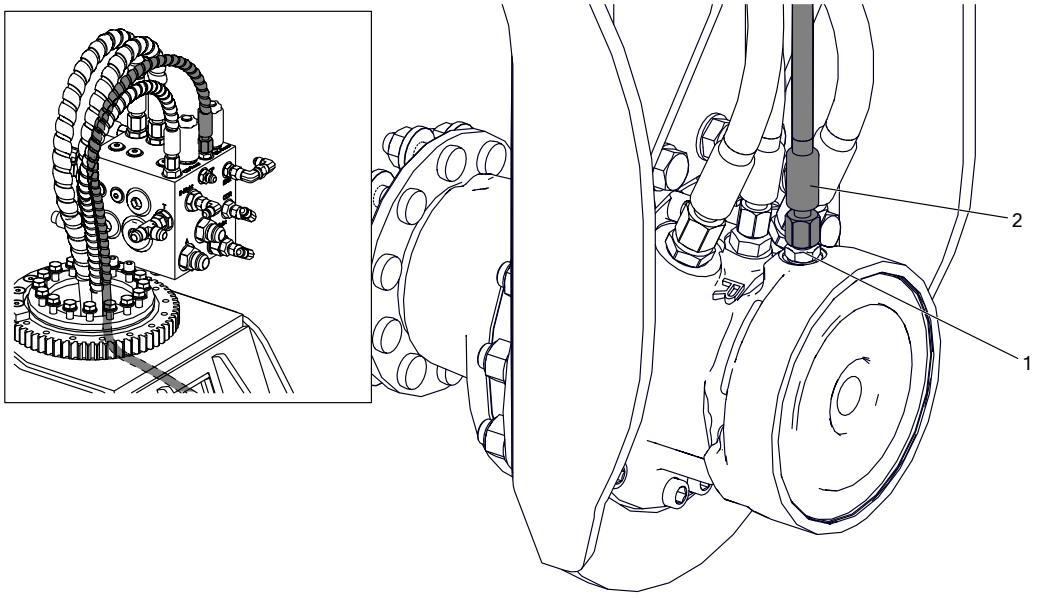
ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.2-3.4J	1	1/2" BSP M W/ SEAL TO 3/4J-16 M	YHA1.2-16S
2	LM1-700-J202	1	JIC "A/B-Rear" Block to Rear Motor	LM1-700-M202

Figure 71: LM1-700-J202 TO YBLOCK18 [B-REAR]



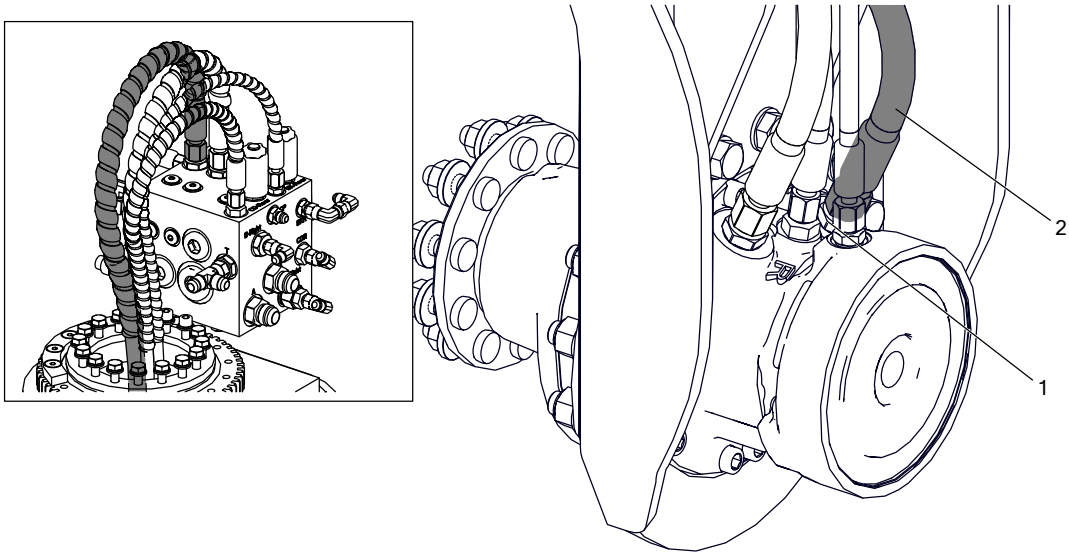
ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA3.8-9.16J	1	3/8" BSP M W/ SEAL TO 9/16J-18 M	YHA1.2-16S
2	LM1-700-J203	1	JIC "CD-Rear" Block to Rear Motor	LM1-700-M203

Figure 72: LM1-700-J203 TO YBLOCK18 [CD-REAR]



ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.4-9.16J	1	1/4" BSP M W/ INTEGRAL SEAL TO 9/16J-18 M	YHA1.4-8L
2	LM1-700-J204	1	JIC "BK-Rear" Block to Rear Motor	LM1-700-M204

Figure 73: LM1-700-J204 TO YBLOCK18 [BK-REAR] CAMERA



ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.2-3.4J	1	1/2" BSP M W/ SEAL TO 3/4J-16 M	YHA1.2-16S
2	LM1-700-J202	1	JIC "A/B-Rear" Block to Rear Motor	LM1-700-M202

Figure 74: LM1-700-J202 TO YBLOCK18 [A-REAR]

CHAPTER3.3: REAR WHEEL HYDRAULICS 4-WAY

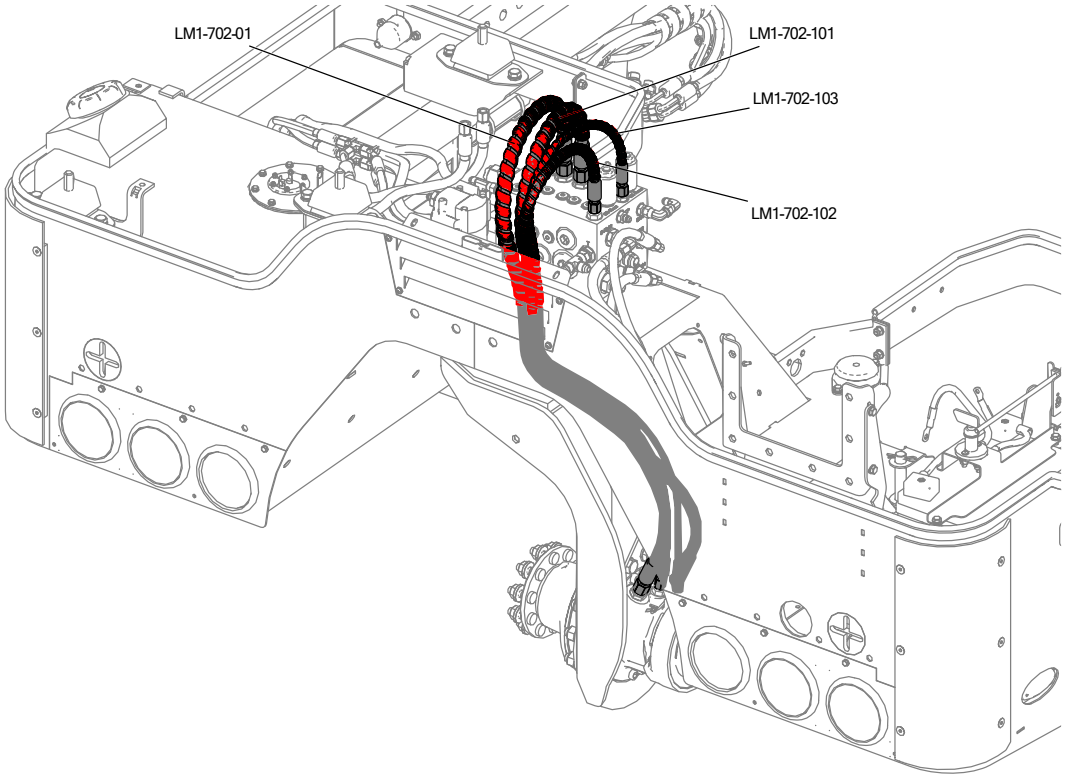
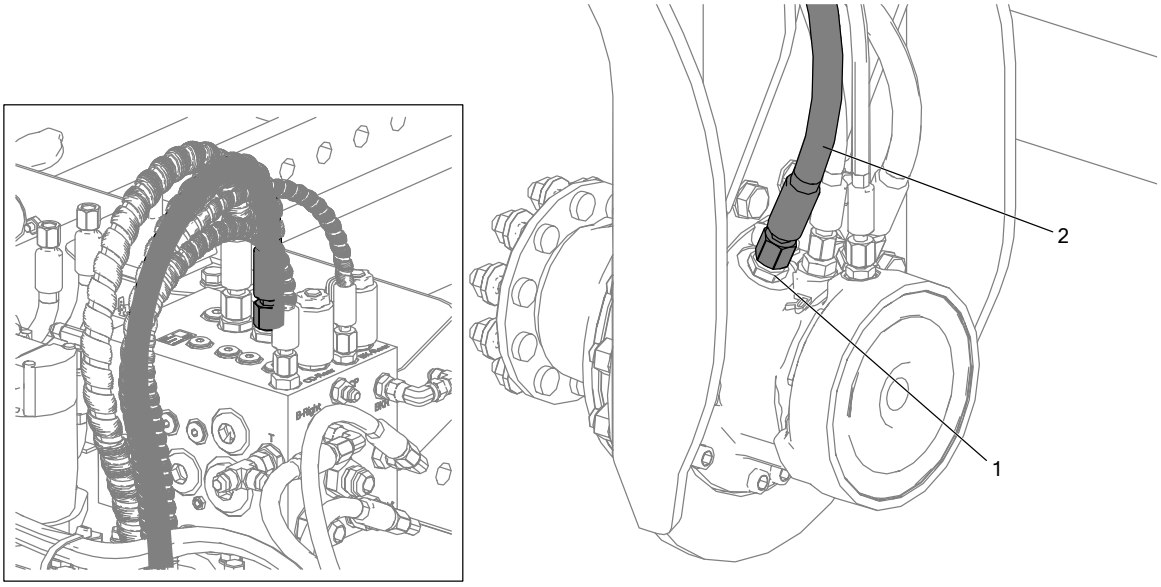
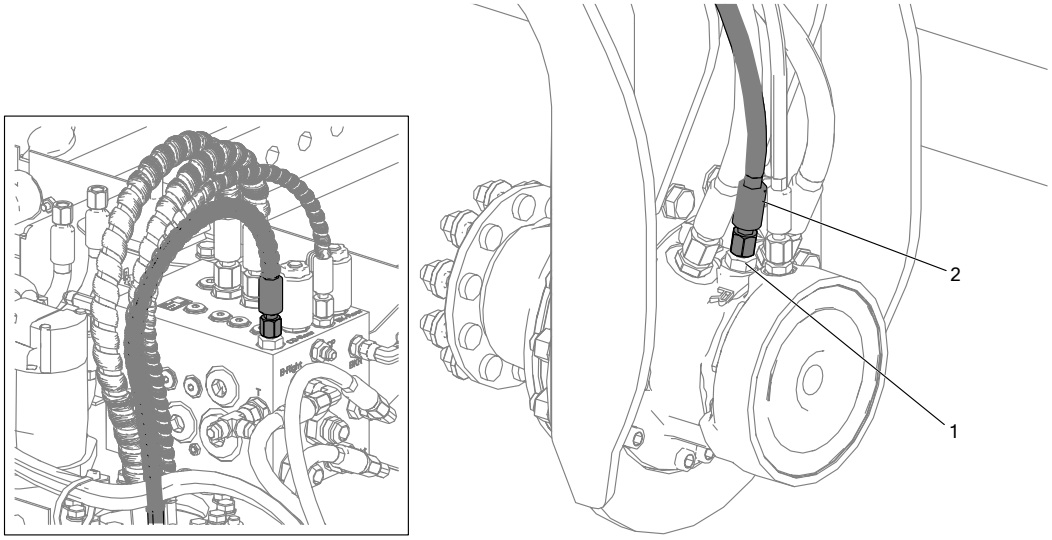


Figure 75 LM1-31-00 4-WAY REAR WHEEL LAYOUT



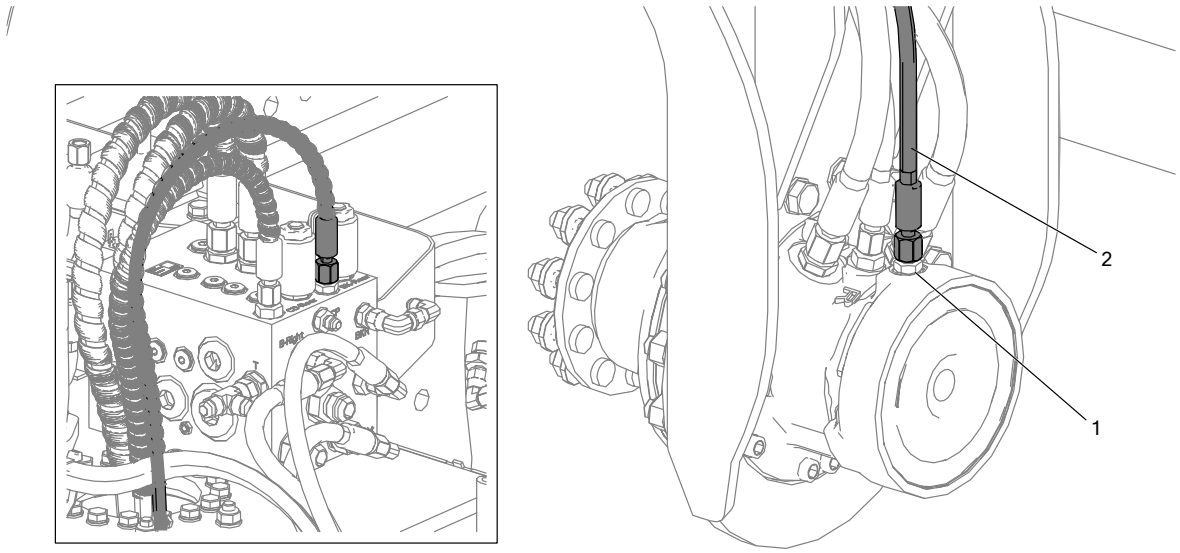
ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.2-3.4J	1	1/2" BSP M W/ SEAL TO 3/4J-16 M	YHA1.2-16S
2	LM1-700-J202	1	JIC "A/B-Rear" Block to Rear Motor	LM1-700-M202

Figure 76: LM1-700-J202 TO YBLOCK3 [B-REAR]



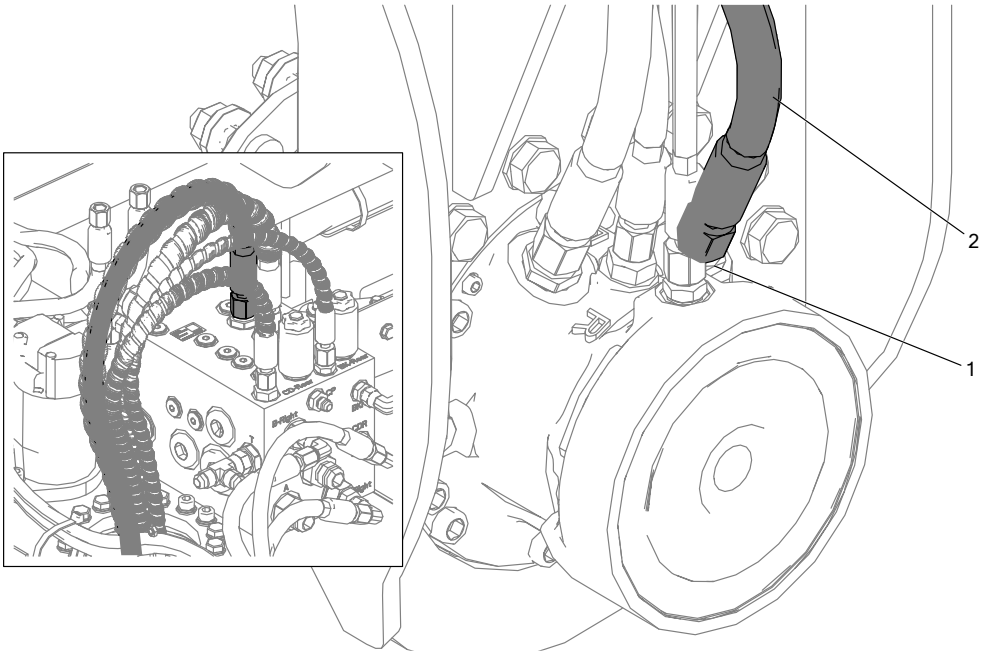
ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.2-3.4J	1	1/2" BSP M W/ SEAL TO 3/4J-16 M	YHA3.8-12L
2	LM1-700-J203	1	JIC "CD-Rear" Block to Rear Motor	LM1-700-M203

Figure 77: LM1-700-J203 TO YBLOCK3 [CD-REAR]



ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.2-3.4J	1	1/2" BSP M W/ SEAL TO 3/4J-16 M	YHA1.2-16S
2	LM1-700-J202	1	JIC "A/B-Rear" Block to Rear Motor	LM1-700-M202

Figure 78: LM1-700-J204 TO YBLOCK3 [BK-REAR]



ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.2-3.4J	1	1/2" BSP M W/ SEAL TO 3/4J-16 M	YHA1.2-16S
2	LM1-700-J202	1	JIC "A/B-Rear" Block to Rear Motor	LM1-700-M202

Figure 79: LM1-700-J202 TO YBLOCK3 [A-REAR]

CHAPTER3.4: FRONT WHEEL ASSEMBLY AND HYDRAULICS 2-WAY

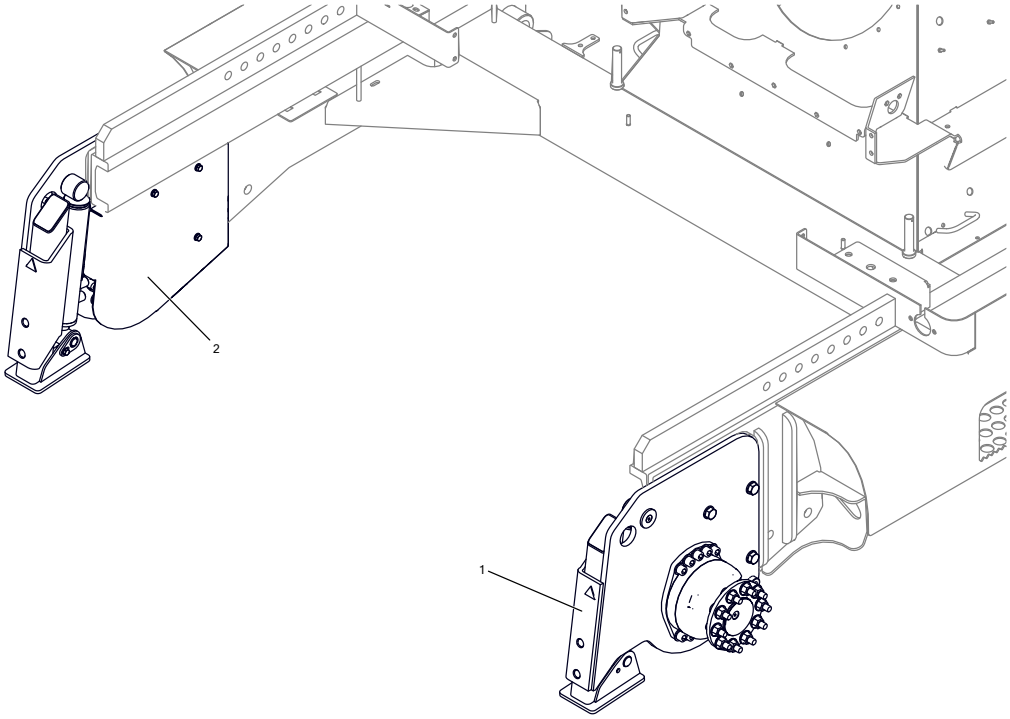


Figure 80: FRONT WHEEL KIT

ITEM	PART NUMBER	TERRITORY	QTY	DESCRIPTION	NOTES
1	LM1-440-20 LM1-440-10 LM1-440-00	USA/CAN AUS UK	1	2-WAY LH ASSEMBLY PLATE – SHORT 2-WAY LH ASSEMBLY PLATE – SHORT 2-WAY LH ASSEMBLY PLATE – LONG	
2	LM1-441-20 LM1-441-10 LM1-441-00	USA/CAN AUS UK	1	2-WAY RH ASSEMBLY PLATE – SHORT 2-WAY RH ASSEMBLY PLATE – SHORT 2-WAY RH ASSEMBLY PLATE – LONG	

Table 47: LM1-40-20 2-WAY SHORT USA - CAN FRONT WHEEL KIT – BOM

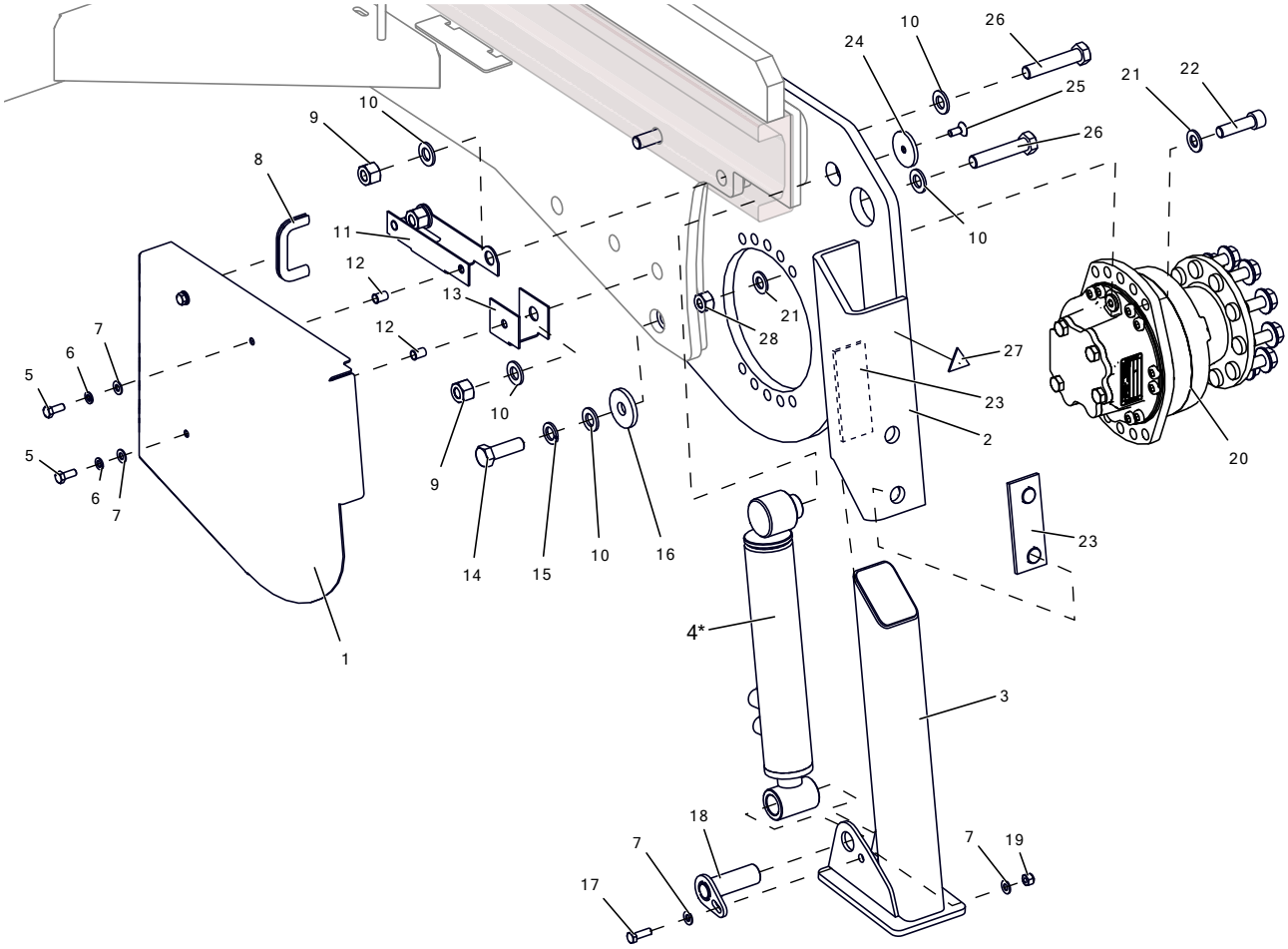
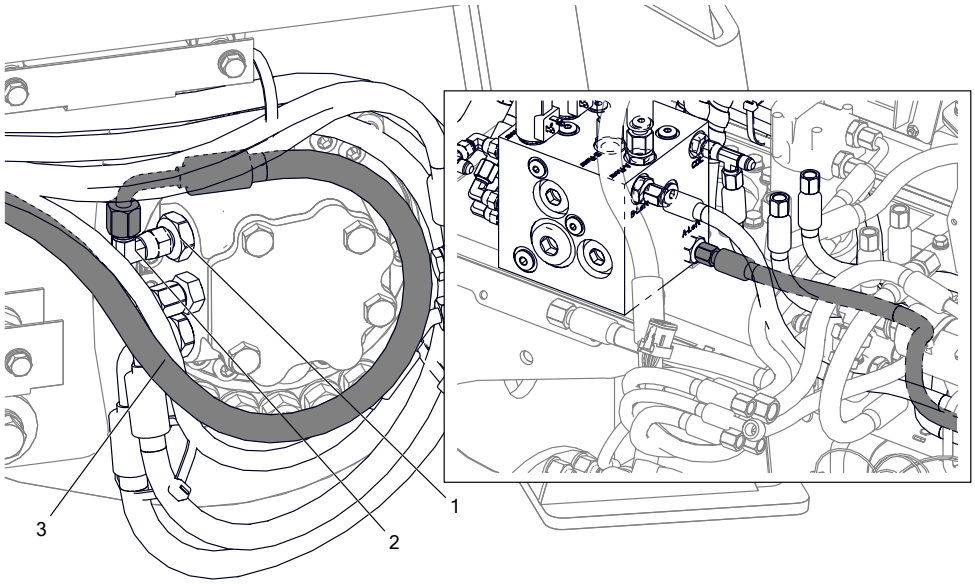


Figure 81: LM1-440-20 LHS FRONT WHEEL ASSEMBLY

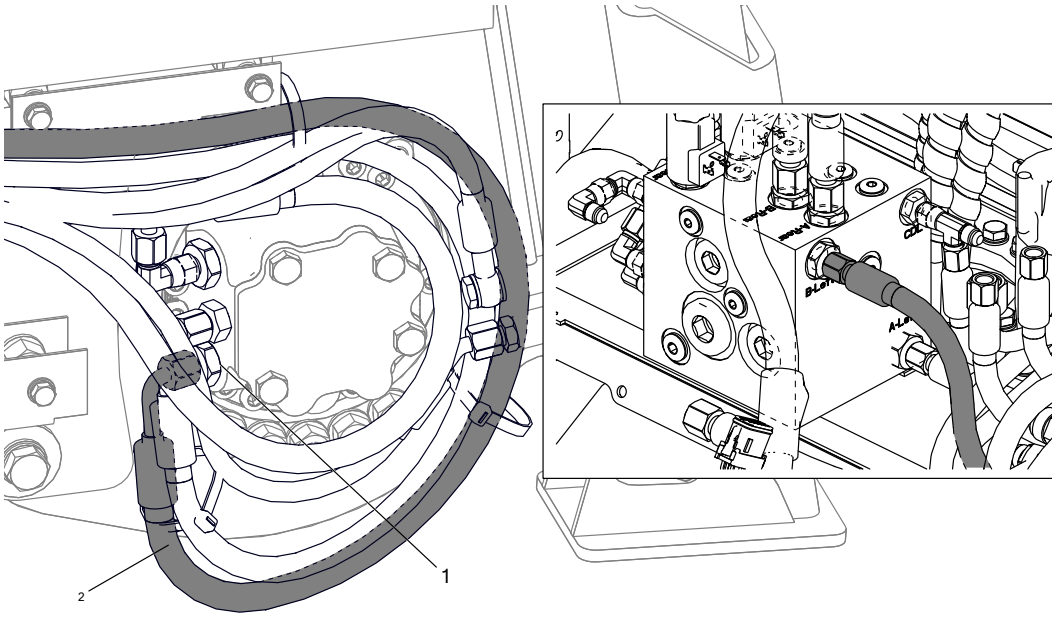
ITEM	PART NUMBER	TERRITORY	QTY	DESCRIPTION	NOTES
1	LM1-472-04		1	2 WAY WHEEL COVER LH	
2	 LM1-460-00 LM1-455-00 LM1-450-00	 USA/CAN AUS UK	1	WHEEL PLATE WELD ASSEMBLY LH 2 WAY SHORT 2 WAY SHORT 2 WAY LONG	
3	LM1-357-00		1	STABILIZER LEG	
4*	LM1-350-10		1	STABILIZER CYLINDER LH *YSEALKIT6 CAN BE SUPPLIED SEPERATELY	
5	XS08020Z		3	M8 X 20 HEX HEAD SCREW	
6	XW08SZ		3	M8 SPRING WASHER	
7	XW08AZ		5	M8 FORM A WASHER	
8	LM1-472-11		1	YSEALSTRIP30 140MM LONG	
9	XN16N		3	M16 NYLOC NUT	
10	XW16AZ		7	M16 FORM A WASHER	
11	LM1-472-01		1	WHEEL COVER MOUNT	
12	XNS08		3	M8 NUTSERT	
13	LM1-472-02		1	WHEEL COVER MOUNT SMALL	
14	XB16050Z		1	M16 X 50 HEX HEAD SCREW 8.8	
15	XW16SZ		1	M16 SPRING WASHER	
16	LM1-352-08		1	SPECIAL WASHER - 4 WAY CLAMP	
17	XS08025Z		1	M8 X 25 HEX HEAD SCREW 8.8	
18	LM1-350-06		1	STABILIZER CYLINDER PIN	
19	XN08N		1	M8 NYLOC NUT	
20	YMOTOR24		1	FRONT WHEEL MOTOR NON-BRAKED 364CC/REV	
21	XW14AZ		20	M14 FORM A WASHER	
22	XSC14050Z XSC14060Z	UK/USA/CAN AUS	10 10	M14 X 50 CAP HEAD SCREW 8.8 M14 X 60 CAP HEAD SCREW 8.8	
23	YPAD1		2	WEAR PAD	
24	LM1-350-08		1	RETAINING WASHER	
25	XCSK08020SKTZB		1	M8 X 20 CSUNK SCREW 8.8	
26	XS16080Z		3	M16 X 80 HEX HEAD SCREW 8.8	
27	LM1-901-32		1	DECAL - WARNING PINCH POINT	
28	XN14N		10	M14 NYLOC NUT	

Table 48: LM1-440-20 LHS FRONT WHEEL ASSEMBLY - BOM



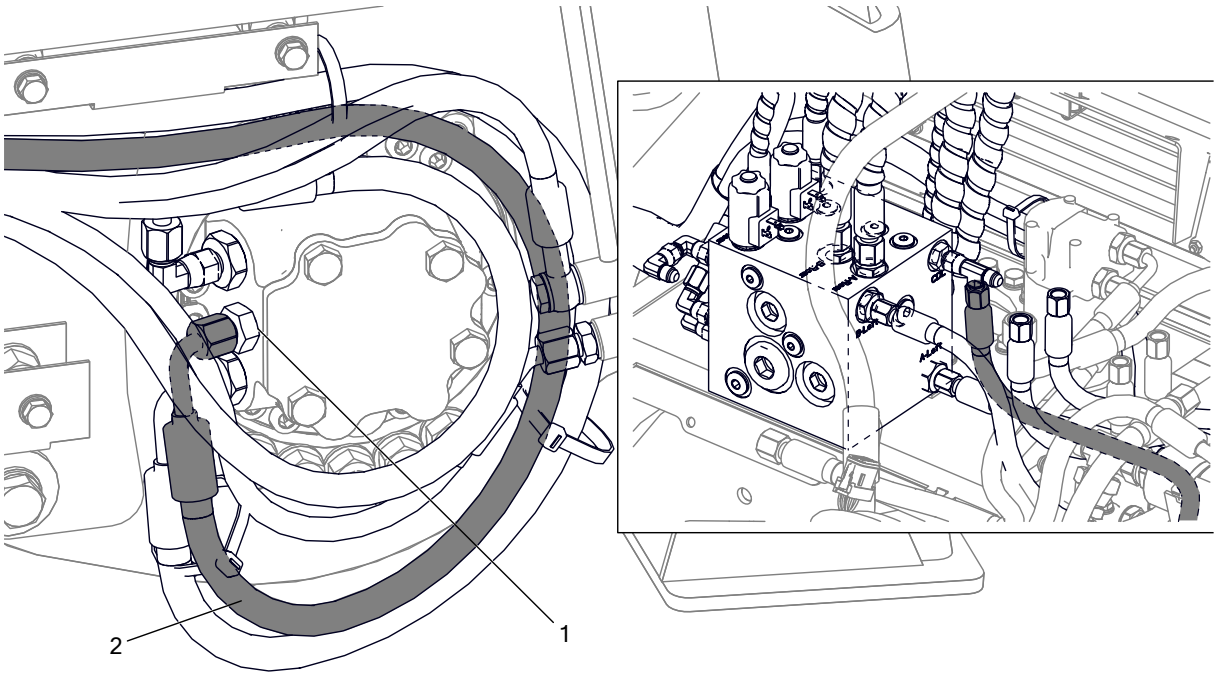
ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.2-9.16J	1	1/2" BSP M W/ SEAL TO 9/16J-18 M	YHA1.2-12L
2	YHA9.16JMFE	1	9/16J-18 MF SWIVLE ELBOW	YHA12LMFE
3	LM1-700-J215	1	JIC Front Motor LHS to Block "A/B-Left"	LM2-700-M215

Figure 82: LM1-440-20 LHS FRONT HYDRAULICS - LM1-700-J215 TO YBLOCK18 [A-LEFT]



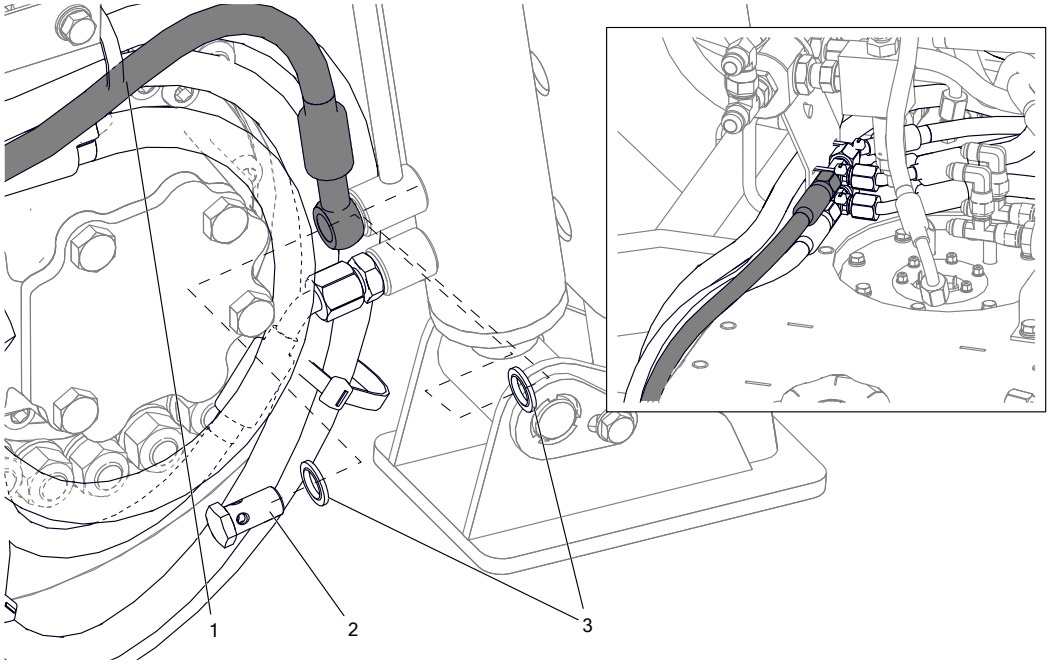
ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.2-9.16J	1	1/2" BSP M W/ SEAL TO 9/16J-18 M	YHA1.2-12L
2	LM1-700-J215	1	JIC Front Motor LHS to Block "A/B-Left"	LM1-700-M215

Figure 83: LM1-440-20 LHS FRONT HYDRAULICS - LM1-700-J215 TO YBLOCK18 [B-LEFT]



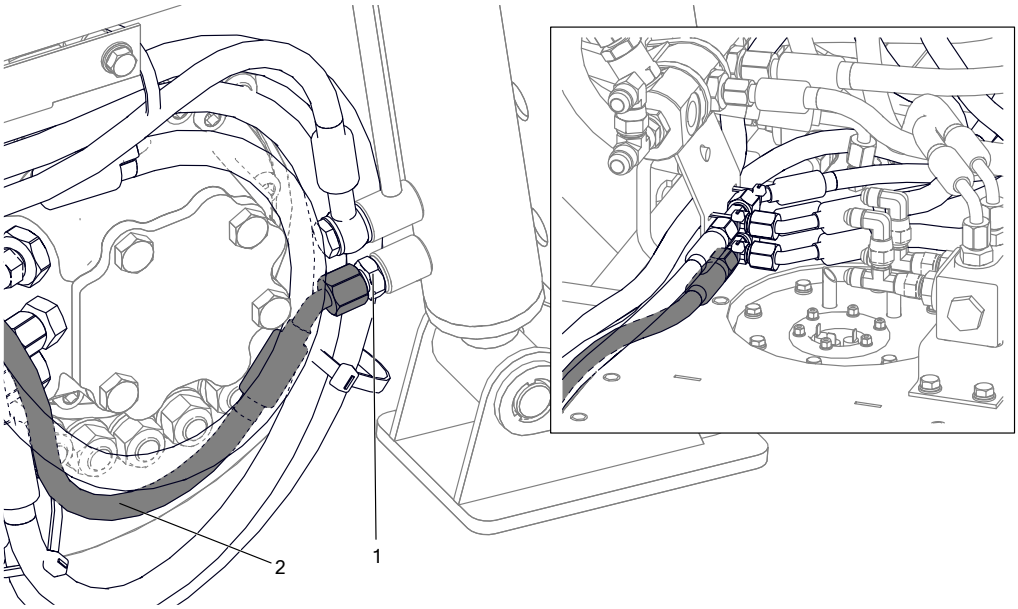
ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA3.8-9.16J	1	3/8" BSP M W/ SEAL TO 9/16J-18 M	YHA1.2-12L
2	LM1-700-J216	1	JIC "CDL" Block Tee to Front Motor LHS	LM1-700-M216

Figure 84: LM1-440-20 LHS FRONT HYDRAULICS - LM1-700-J216



ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	LM1-700-J217	1	JIC LHS Stab-Leg Tee-Block to Stab-Leg Cylinder Top Port	LM1-700-M217
2	YHA1/4BB	1	1/4" BSP BANJO BOLT	-
3	YHS1.2D	2	1/2"BSP DOWTY SEAL	-

Figure 85: LM1-350-10 STABILISER LEG LHS TOP PORT



ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.4-9.16J	1	1/4" BSP M W/ INTEGRAL SEAL TO 9/16J-18 M	YHA1.4-8L
2	LM1-700-J219	1	JIC LHS Stab-Leg Tee-Block to Stab-Leg Cylinder Bottom Port	LM1-700-M219

Figure 86: LM1-350-10 STABILISER LEG LHS BOTTOM PORT

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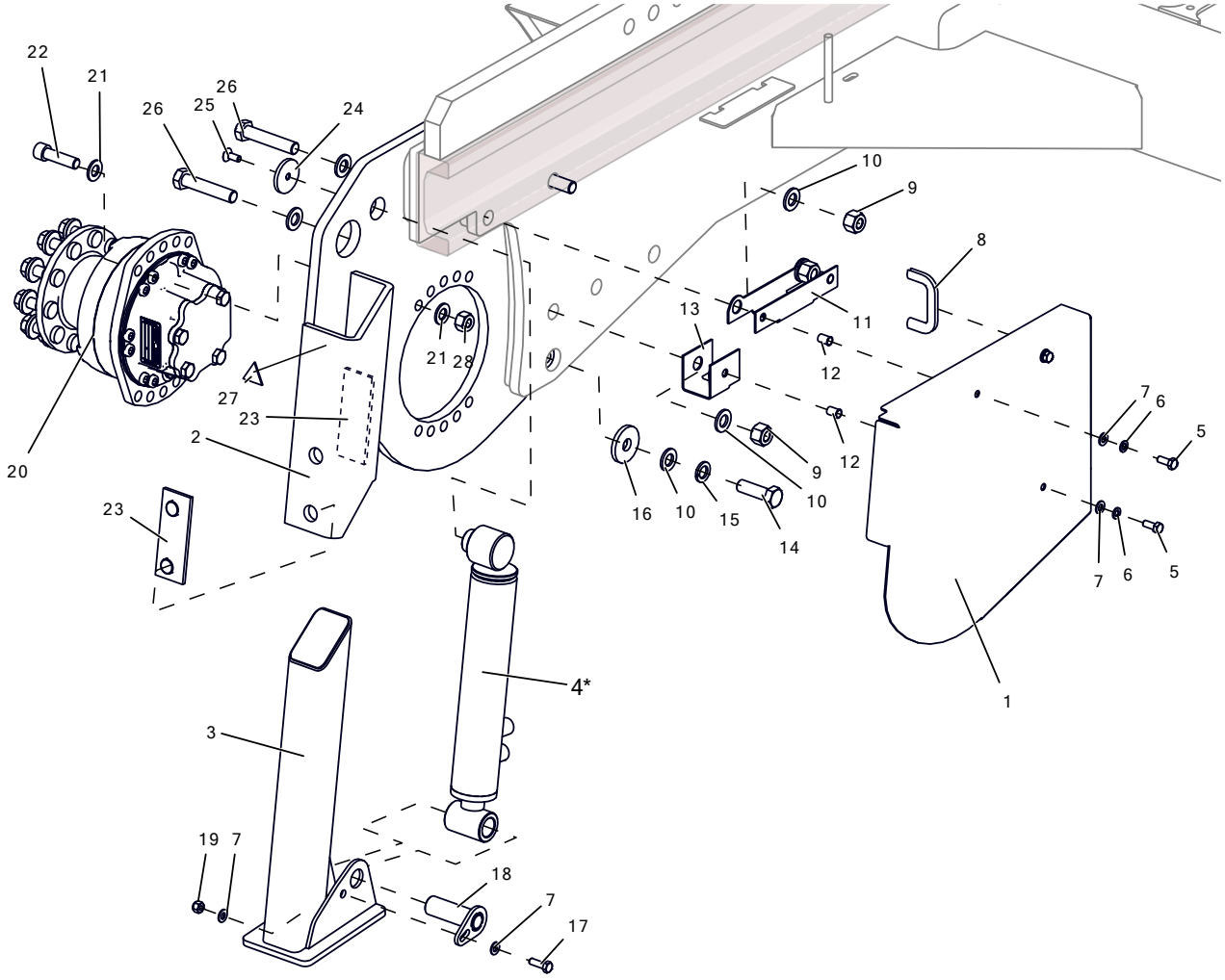
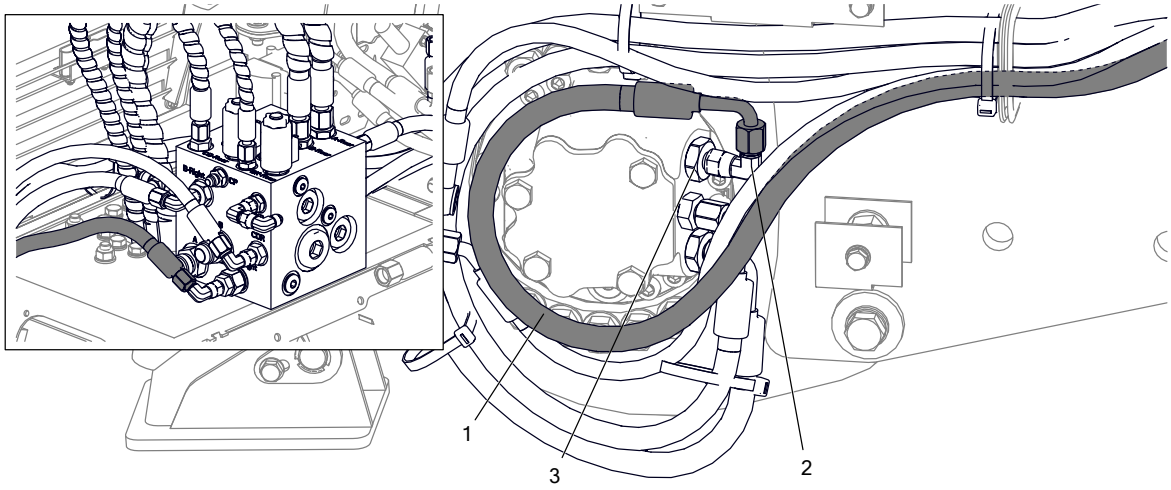


Figure 87: LM1-440-20 RHS FRONT WHEEL ASSEMBLY

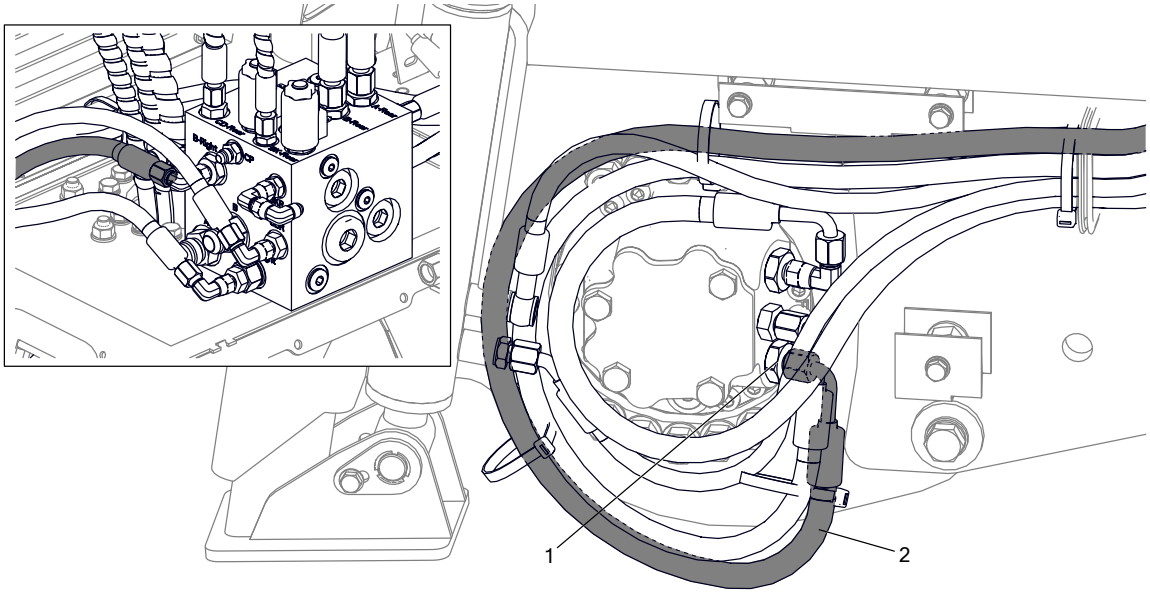
ITEM	PART NUMBER	TERRITORY	QTY	DESCRIPTION	NOTES
1	LM1-472-03		1	2 WAY WHEEL COVER RH	
2	 LM1-480-00 LM1-475-00 LM1-470-00	 USA/CAN AUS UK	1	WHEEL PLATE WELD ASSEMLBY RH 2 WAY SHORT 2 WAY SHORT 2 WAY LONG	
3	LM1-357-00		1	STABILIZER LEG	
4*	LM1-370-05		1	STABILIZER CYLINDER RH *YSEALKIT6 CAN BE SUPPLIED SEPERATELY	
5	XS08020Z		3	M8 X 20 HEX HEAD SCREW 8.8	
6	XW08SZ		3	M8 SPRING WASHER	
7	XW08AZ		5	M8 FORM A WASHER	
8	LM1-472-11		1	YSEALSTRIP30 140MM LONG	
9	XN16N		3	M16 NYLOC NUT	
10	XW16AZ		7	M16 FORM A WASHER	
11	LM1-472-01		1	WHEEL COVER MOUNT	
12	XNS08		3	M8 NUTSERT	
13	LM1-472-02		1	WHEEL COVER MOUNT SMALL	
14	XS16050Z		1	M16 X 50 HEX HEAD SCREW 8.8	
15	XW16SZ		1	M16 SPRING WASHER	
16	LM1-352-08		1	WHEEL PLATE WASHER	
17	XS08025Z		1	M8 X 25 HEX HEAD SCREW 8.8	
18	LM1-350-06		1	STABILIZER CYLINDER PIN	
19	XN08N		1	M8 NYLOC NUT	
20	YMOTOR24		1	FRONT WHEEL MOTOR NON-BRAKED 364CC/REV	
21	XW14AZ		20	M14 FORM A WASHER	
22	XSC14050Z XSC14060Z	UK/USA/CAN AUS	10 10	M14 X 50 CAP HEAD SCREW 8.8 M14 X 60 CAP HEAD SCREW 8.8	
23	YPAD1		2	WEAR PAD	
24	LM1-350-08		1	RETAINING WASHER	
25	XCSK08020SKTZB		1	M8 X 20 CSUNK SCREW 8.8	
26	XS16080Z		3	M16 X 80 HEX HEAD SCREW 8.8	
27	LM1-901-32		1	DECAL - WARNING PINCH POINT	
28	XN14N		10	M14 NYLOC NUT	

Table 49: LM1-440-20 RHS FRONT WHEEL ASSEMBLY – BOM



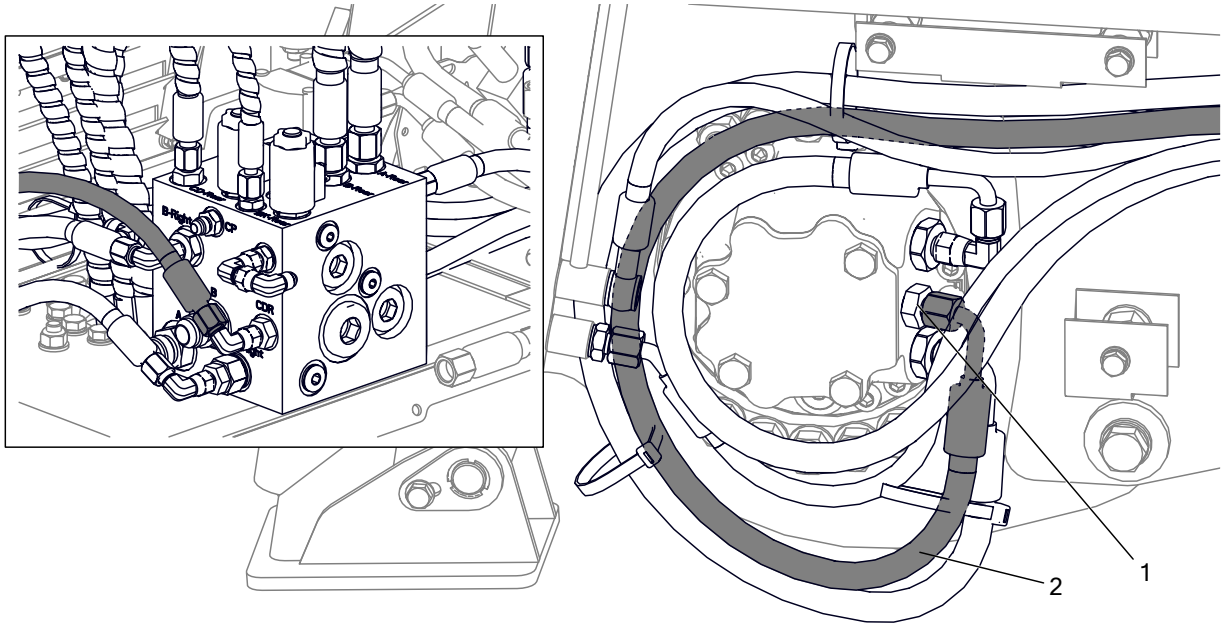
ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	LM1-700-J314	1	JIC Front Motor RHS to Block "A-Right"	LM1-700-M314
2	YHA9.16JMFE	1	9/16J-18 MF SWIVLE ELBOW	YHA12LMFE
3	YHA1.2-9.16J	1	1/2" BSP M W/ SEAL TO 9/16J-18 M	YHA1.2-12L

Figure 88: LM1-440-20 RHS FRONT HYDRAULICS - LM1-700-J314 TO YBLOCK18 [A-RIGHT]



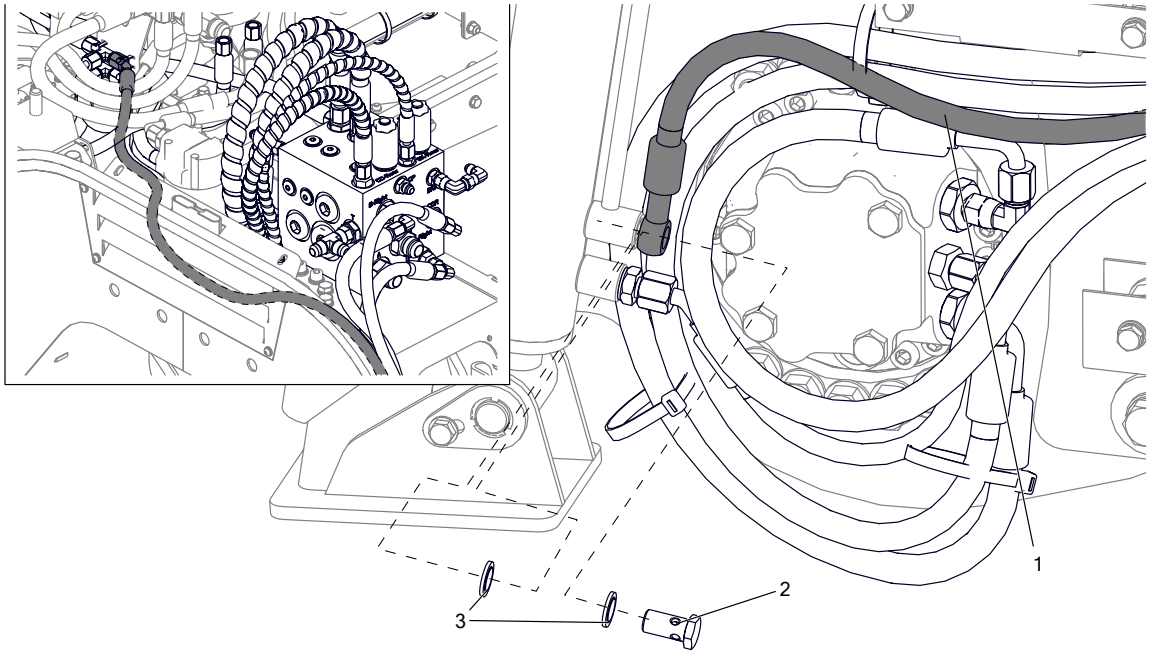
ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.2-9.16J	1	1/2" BSP M W/ SEAL TO 9/16J-18 M	YHA1.2-12L
2	LM1-700-J214	1	JIC Front Motor RHS to Block "B-RIght"	LM1-700-M215

Figure 89: LM1-440-20 RHS FRONT HYDRAULICS - LM1-700-J214 TO YBLOCK18 [B-RIGHT]



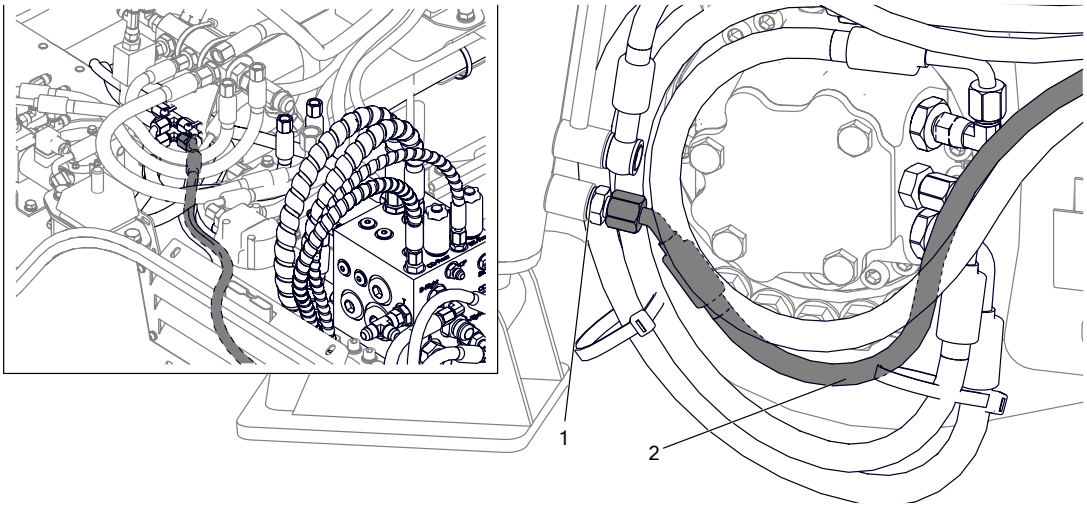
ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA3.8-9.16J	1	3/8" BSP M W/ SEAL TO 9/16J-18 M	YHA1.2-12L
2	LM1-700-J315	1	JIC "CDR" Block Tee to Front Motor LHS	LM1-700-M315

Figure 90: LM1-440-20 RHS FRONT HYDRAULICS - LM1-700-J315 TO YBLOCK18 [CDR]



ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	LM1-700-J218	1	JIC RHS Stab-Leg Tee-Block to Stab-Leg Cylinder Top Port	LM1-700-M218
2	YHA1.4BB	1	1/4" BSP BANJO BOLT	-
3	YHS1.2D	2	1/2"BSP DOWTY SEAL	-

Figure 91: LM1-370-05 STABALISER LEG RHS TOP PORT



ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.4-9.16J	1	1/4" BSP M W/ INTEGRAL SEAL TO 9/16J-18 M	YHA1.4-8L
2	LM1-700-J220	1	JIC RHS Stab-Leg Tee-Block to Stab-Leg Cylinder Bottom Port	LM1-700-M220

Figure 92: LM1-370-05 STABALISER LEG RHS BOTTOM PORT

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CHAPTER3.5: FRONT WHEEL ASSEMBLY AND HYDRAULICS 4-WAY

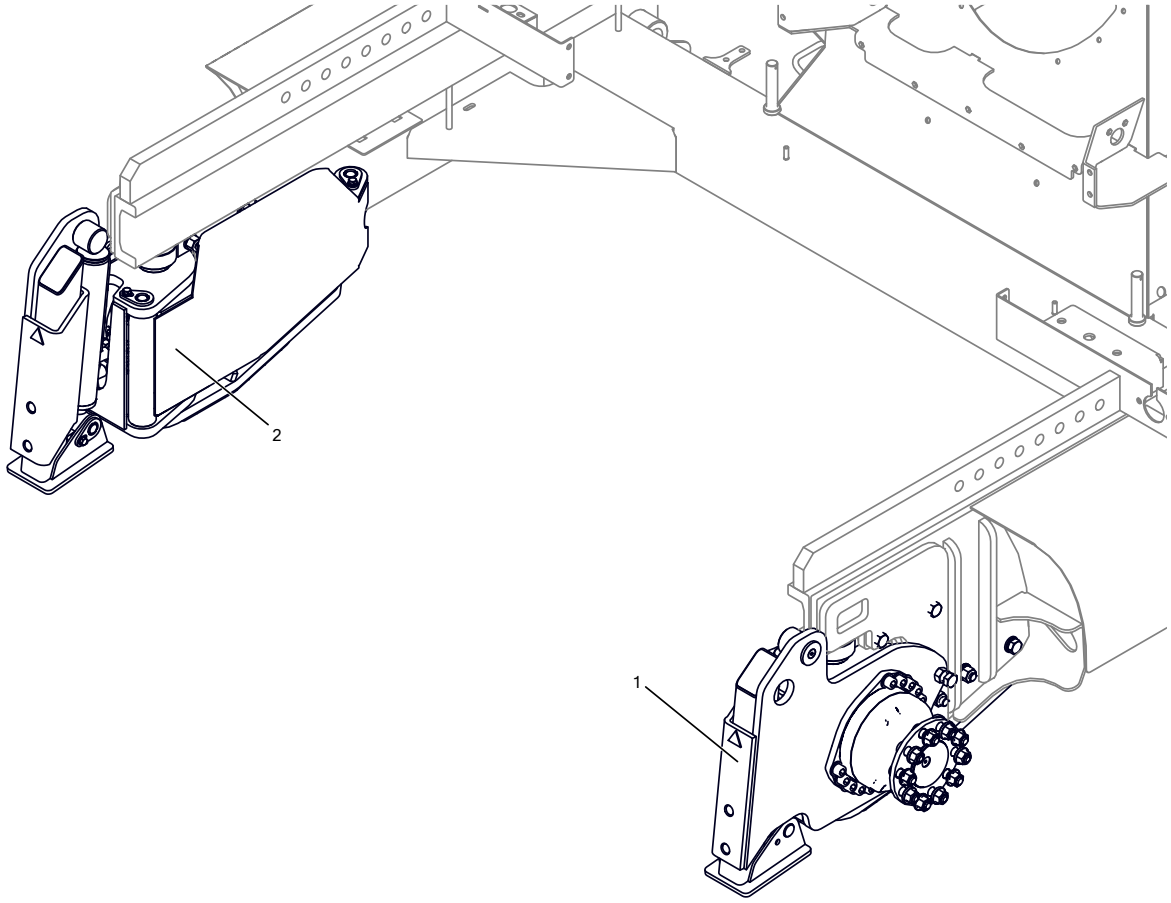


Figure 93: 4-WAY SHORT USA - CAN FRONT WHEEL KIT

ITEM	PART NUMBER	TERRITORY	QTY	DESCRIPTION	NOTES
1	LM1-340-10 LM1-340-00	USA/CAN/AUS UK	1	4-WAY LH ASSEMBLY PLATE – SHORT 4-WAY LH ASSEMBLY PLATE – LONG	
2	LM1-341-10 LM1-341-00	USA/CAN/AUS UK	1	4-WAY RH ASSEMBLY PLATE - SHORT 4-WAY RH ASSEMBLY PLATE - LONG	

Table 50: LM1-45-10 4-WAY SHORT USA - CAN FRONT WHEEL KIT - BOM

NOTE:

JIC AND METRIC HOSE ARRANGEMENTS LEFT AND RIGHT ARE ON SEPARATE FIGURES IN THIS CHAPTER.

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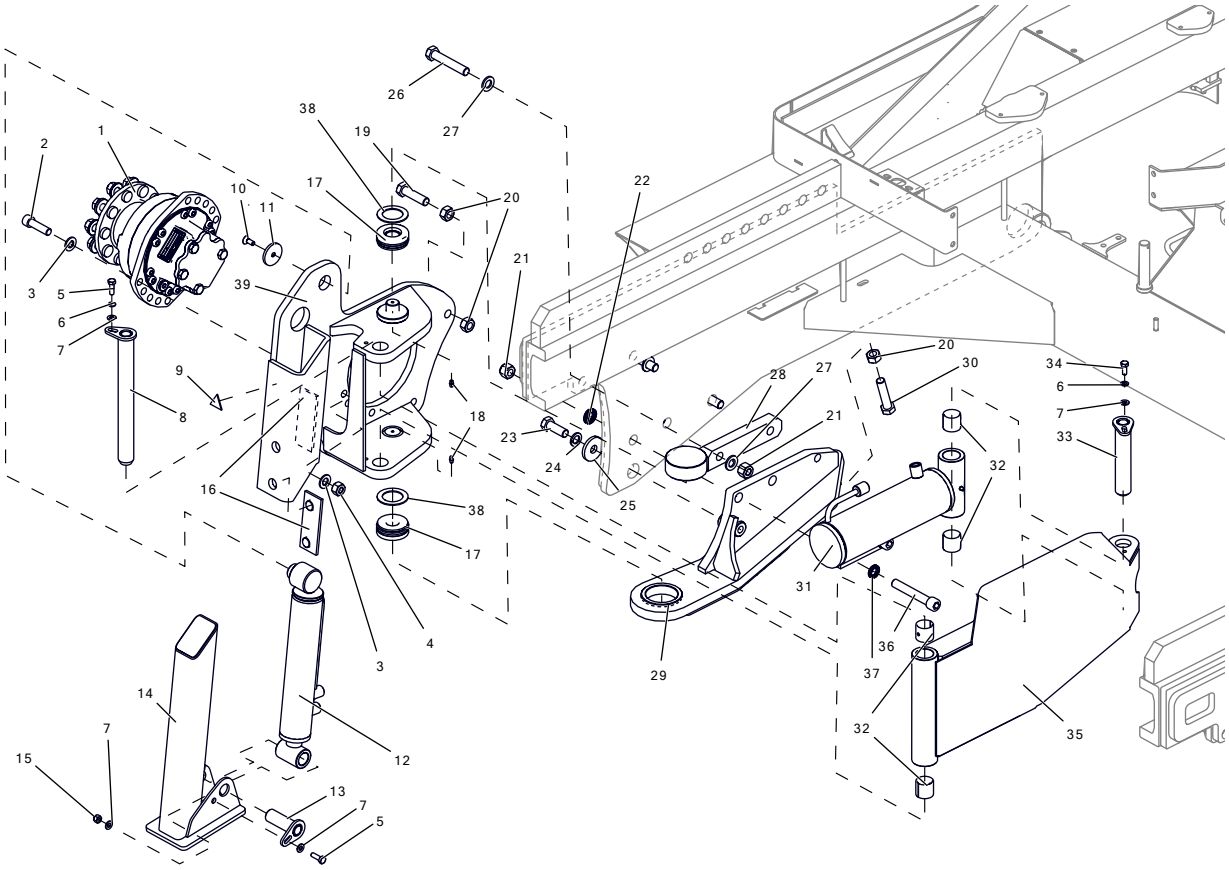


Figure 94: 4-WAY SHORT RHS WHEEL ASSEMBLY

ITEM	PART NUMBER	TERRITORY	QTY	DESCRIPTION	NOTES
1	YMOTOR24		1	FRONT WHEEL MOTOR (YMOTOR4 - 10 STUD CONVERSION WITH STUDS AND NUTS)	ORIENTATION SHOWN IS 4-WAY JIC. MOTOR IS VERTICAL (BOLT HOLES TOP AND BOTTOM) FOR METRIC 4-WAY
2	XS14050Z		10	M14 X 50 HEX HEAD SCREW 8.8	
3	XW14AZ		20	M14 FORM A WASHER	
4	XN14N		10	M14 NYLOC NUT	
5	XS08025Z		2	M8 X 25 HEX HEAD SCREW 8.8	
6	XW08SZ		2	M8 SPRING WASHER	
7	XW08AZ		4	M8 FORM A WASHER	
8	LM1-355-00		1	FRONT 4WAY PIN ASSEMBLY	
9	LM1-901-32		1	DECAL - WARNING PINCH POINT	
10	XCSK08020SKTZB		1	M8 X 20 CSUNK SCREW 8.8	
11	LM1-350-08		1	RETAINING WASHER	
12	LM1-370-05		1	STABILIZER CYLINDER RH	
13	LM1-350-06		1	STABILIZER CYLINDER PIN	
14	LM1-357-00		1	STABILIZER LEG	
15	XN08N		1	M8 NYLOC NUT	
16	YPAD1		2	WEAR PAD	
17	YBEARGX25F		2	4-WAY THRUST BEARING	
18	YGN0600		4	YGN0600 GREASE NIPPLE	
19	XS16060Z		1	M16 X 60 HEX HEAD SCREW 8.8	
20	XN16Z		3	M16 HEX NUT	
21	XN16N		4	M16 NYLOC NUT	
22	XW16SPNLD		2	NORDLOC WASHER NUT SIDE	
23	XS16045Z		2	M16 X 45 HEX HEAD SCREW	
24	XW16SZ		2	M16 SPRING WASHER	
25	LM1-352-08		1	SPECIAL WASHER - 4 WAY CLAMP	
26	XS16090Z		2	M16 X 90 HEX HEAD SCREW 8.8	
27	XW16AZ		5	M16 FORM A WASHER	
28	LM1-373-00		1	TOP BRACKET 4-WAY ASSEMBLY RH	
29	LM1-372-00		1	BOTTOM BRACKET - 4 WAY RH	
30	XS16070Z		1	M16 X 70 HEX HEAD SCREW	
31	LM1-374-00		1	4-WAY CYLINDER RH	
32	YBUSH7		4	4 WAY DX BUSH	
33	LM1-356-00		1	4-WAY REAR PIN ASSEMBLY	
34	XS08020Z		1	M8 X 20 HEX HEAD SCREW 8.8	
35	LM1-371-00		1	4 WAY GUARD RH	
36	XSC16100Z		1	M16X100 SKT CAP HEAD SCREW 12.9	
37	XW16NLD		2	NORDLOC WASHER NUT SIDE	
38	LM1-352-05		2	4-WAY SHIM	
39	LM1-380-01 LM1-370-01	USA/CAN/AUS UK	1	WHEEL PLATE WELD ASSEMBLY RH 4-WAY SHORT 4-WAY LONG	

Figure 95: LM1-341-10 4-WAY SHORT RHS WHEEL ASSEMBLY – BOM

JIC HOSE ARRANGEMENT - RHS

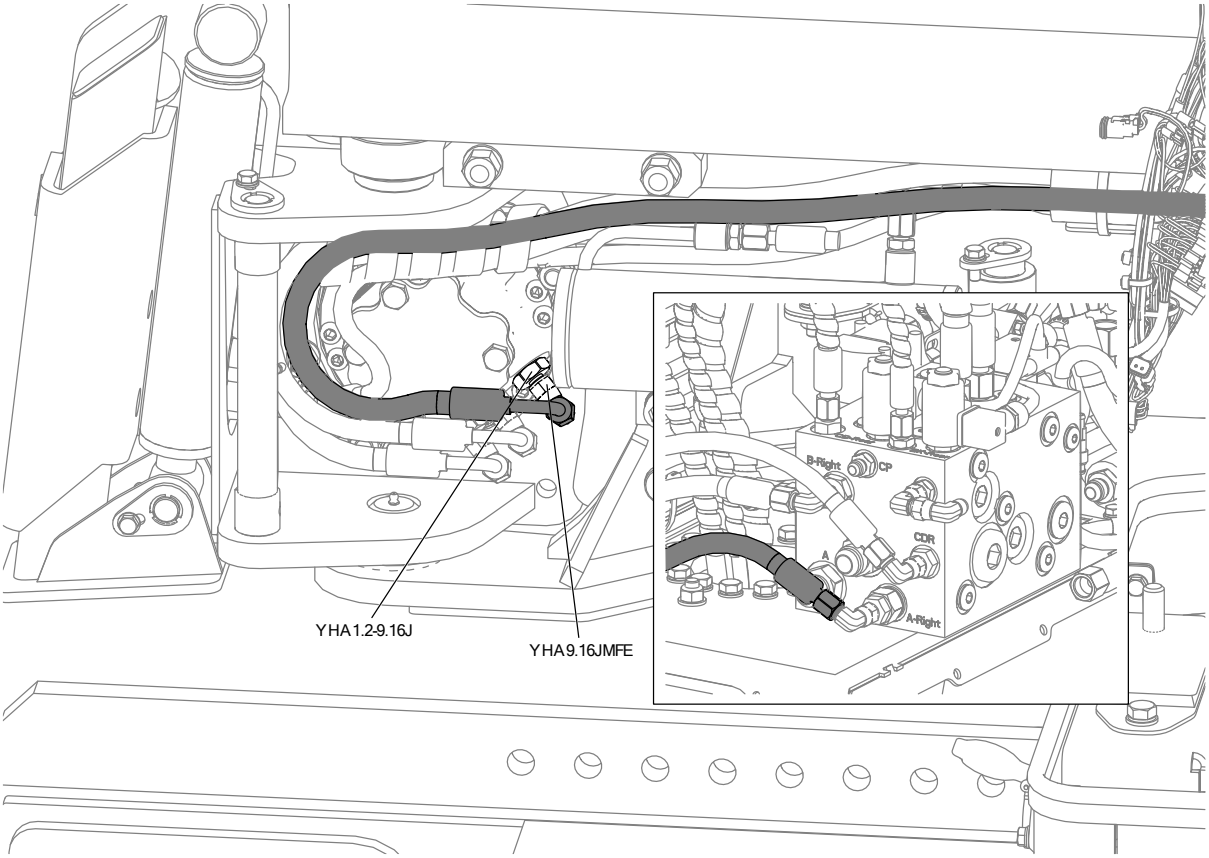


Figure 96: JIC - LM1-440-20 RHS FRONT HYDRAULICS LM1-700-J314 TO YBLOCK3 [A-RIGHT] 4 WAY CONFIGURATION

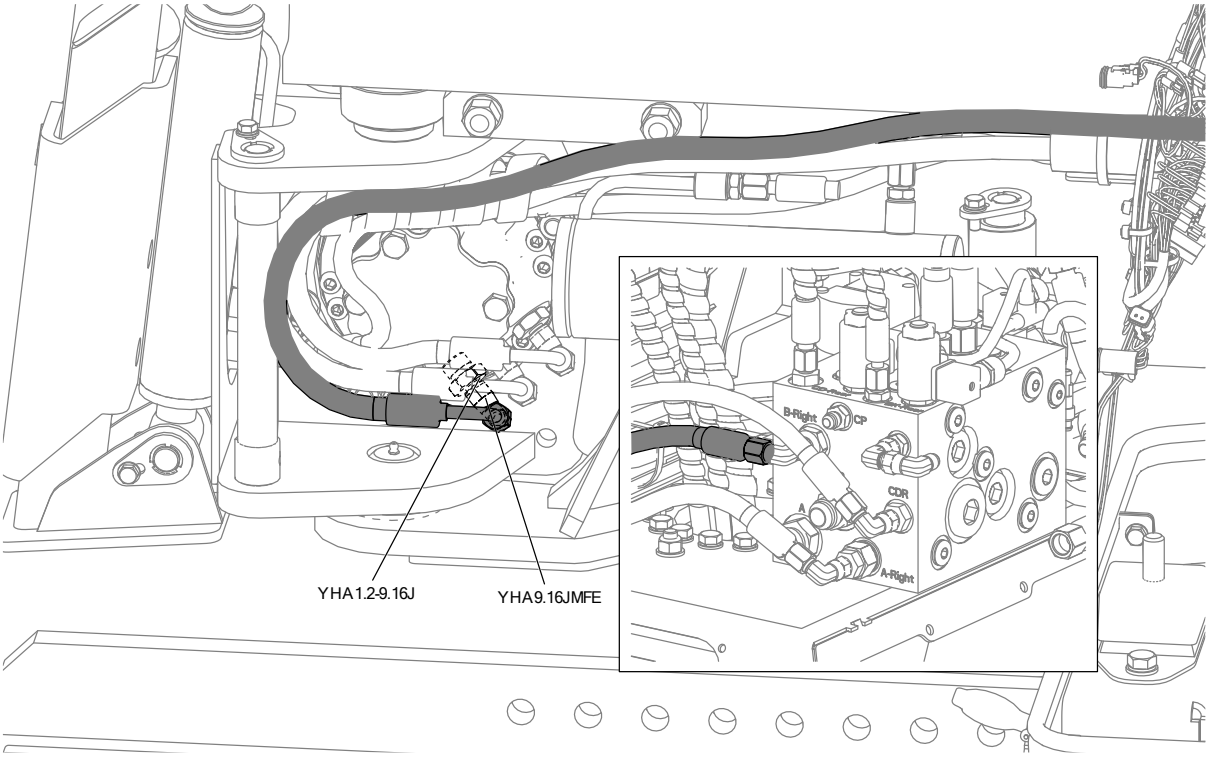


Figure 97: JIC - LM1-440-20 RHS FRONT HYDRAULICS LM1-700-J214 TO YBLOCK3 [B-RIGHT] 4 WAY CONFIGURATION

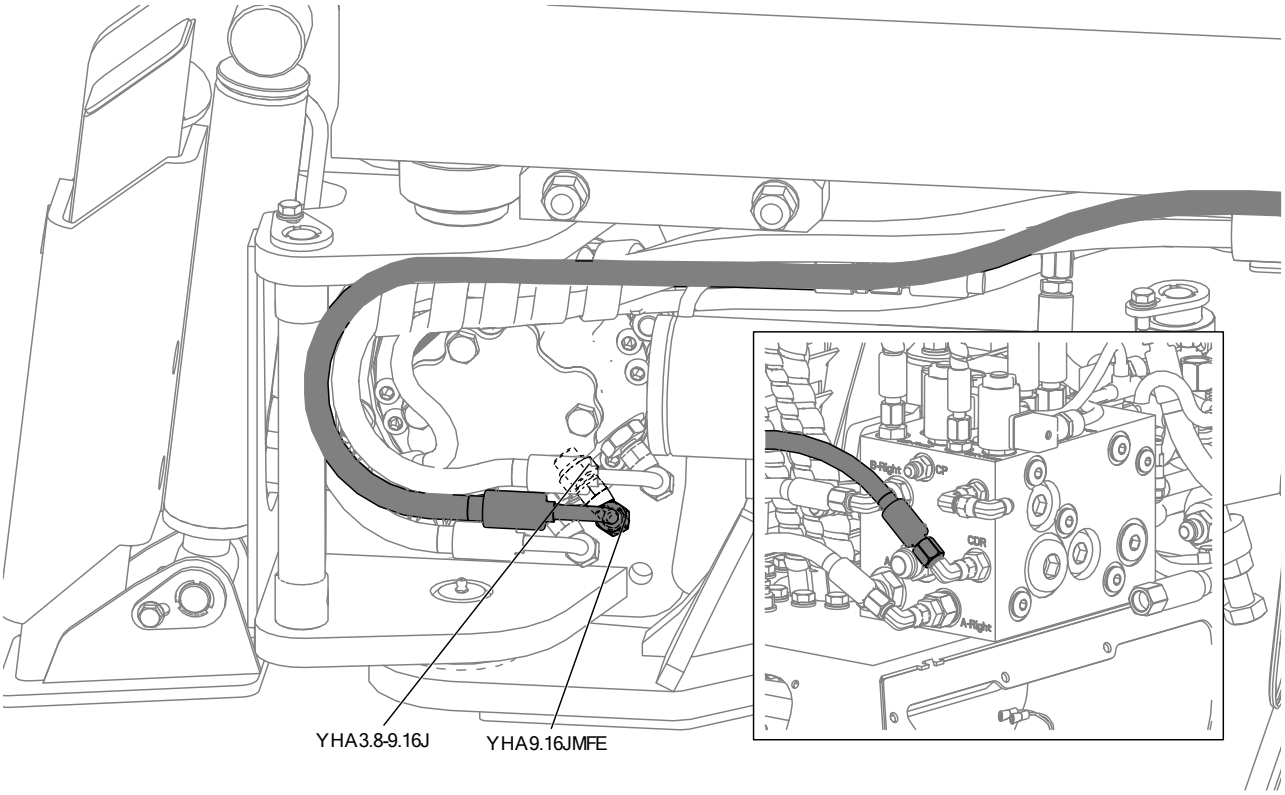


Figure 98: JIC - LM1-440-20 RHS FRONT HYDRAULICS LM1-700-J315 TO YBLOCK3 [CDR] 4 WAY CONFIGURATION

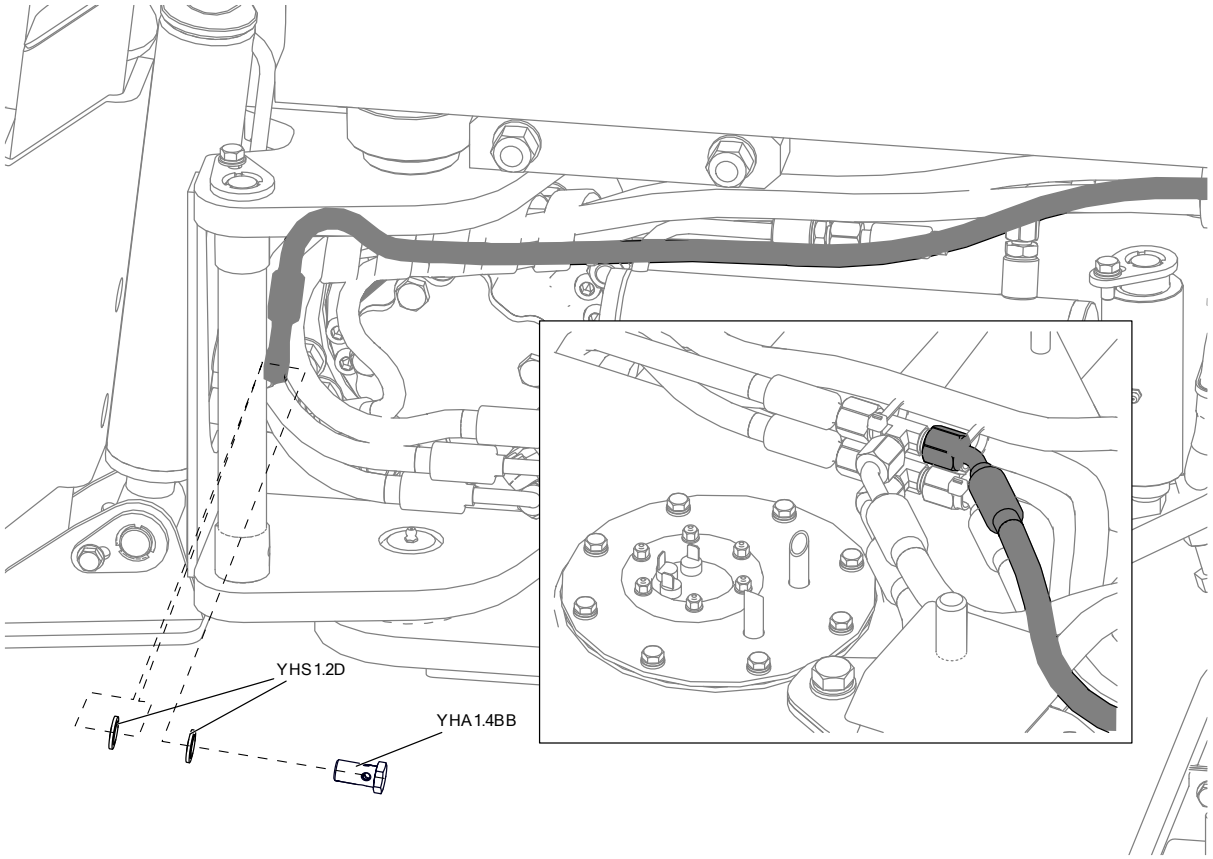


Figure 99: JIC - LM1-370-05 STABILISER LEG RHS TOP PORT 4 WAY CONFIGURATION

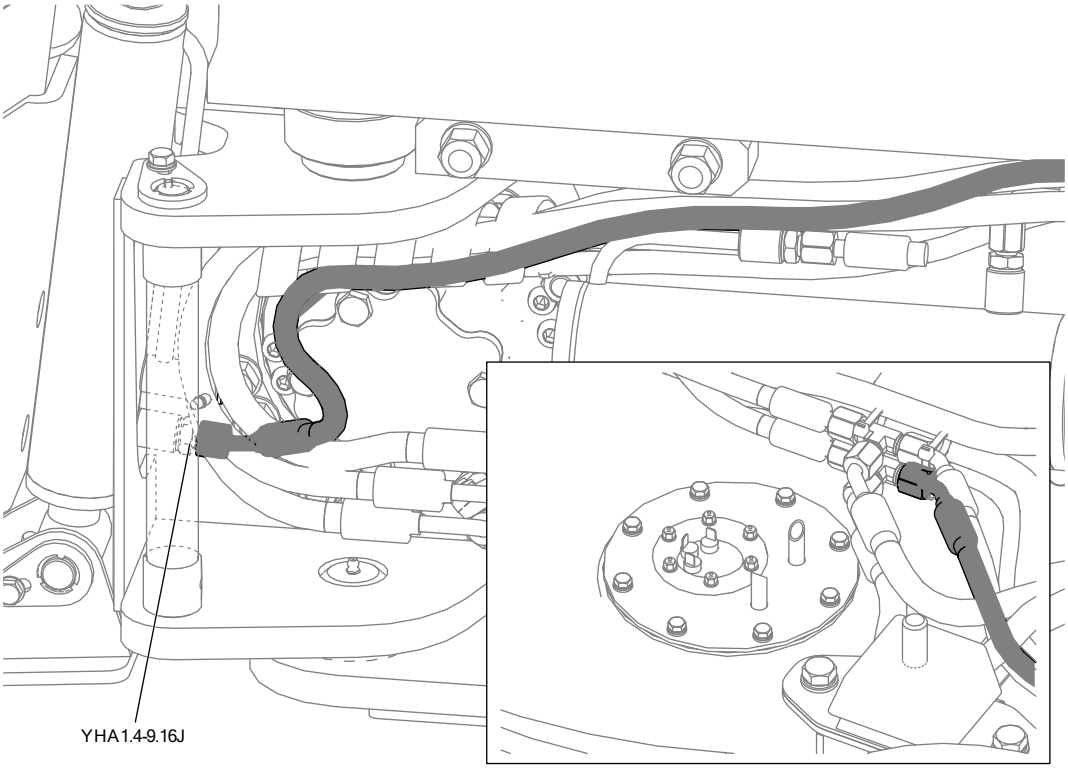


Figure 100: JIC - LM1-370-05 STABILISER LEG RHS BOTTOM PORT 4 WAY CONFIGURATION

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METRIC HOSE ARRANGEMENT - RHS

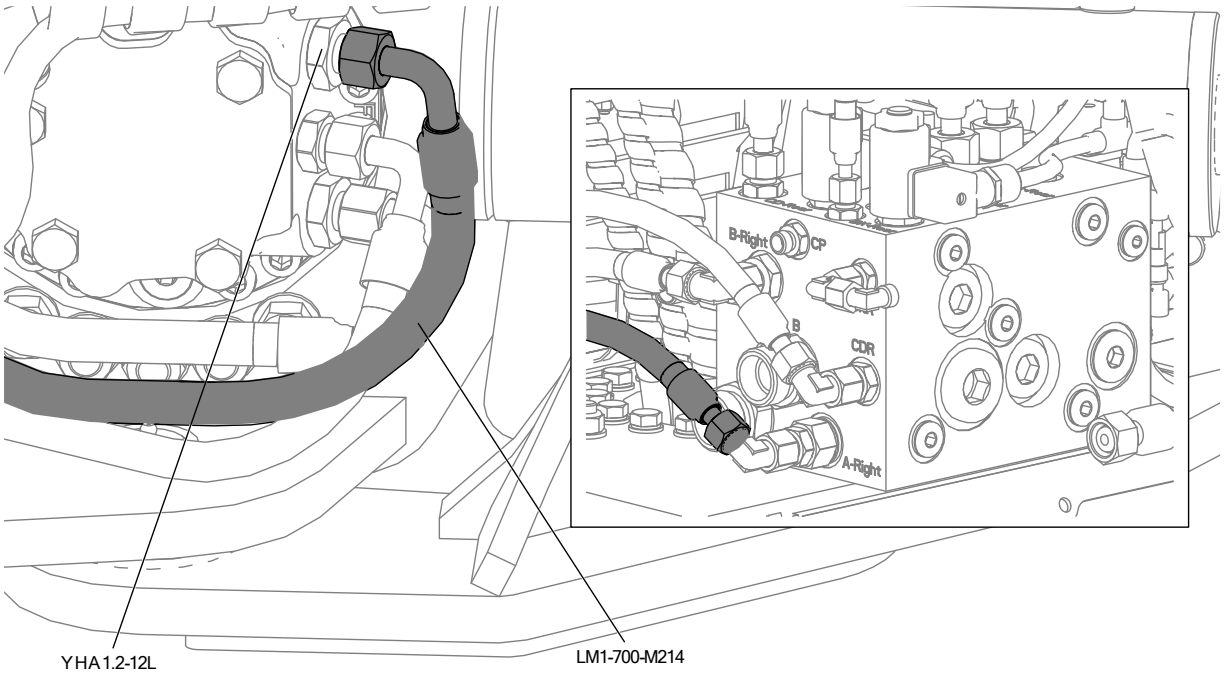


Figure 101: LM1-702-30 METRIC RHS FRONT HYDRAULICS LM1-700-M314 TO YBLOCK3 [A-RIGHT] 4 WAY CONFIGURATION

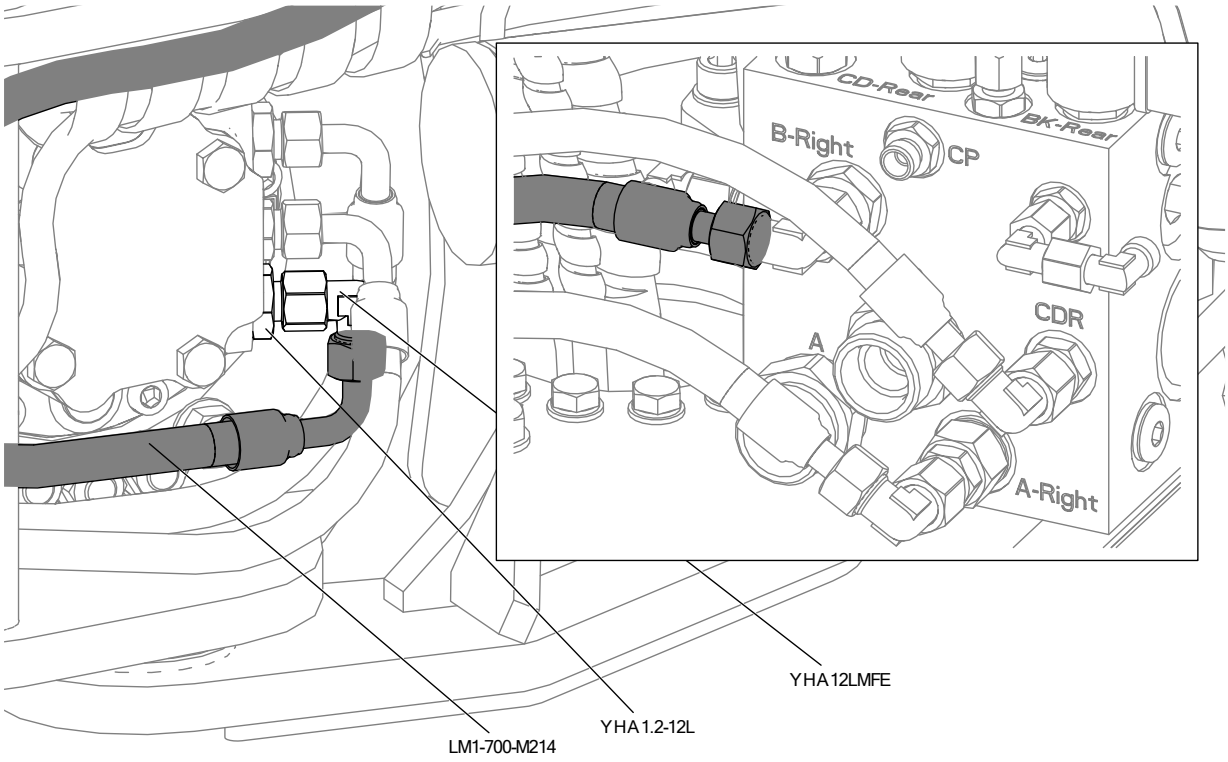


Figure 102: LM1-702-30 METRIC RHS FRONT HYDRAULICS LM1-700-M214 TO YBLOCK3 [B-RIGHT] 4 WAY CONFIGURATION

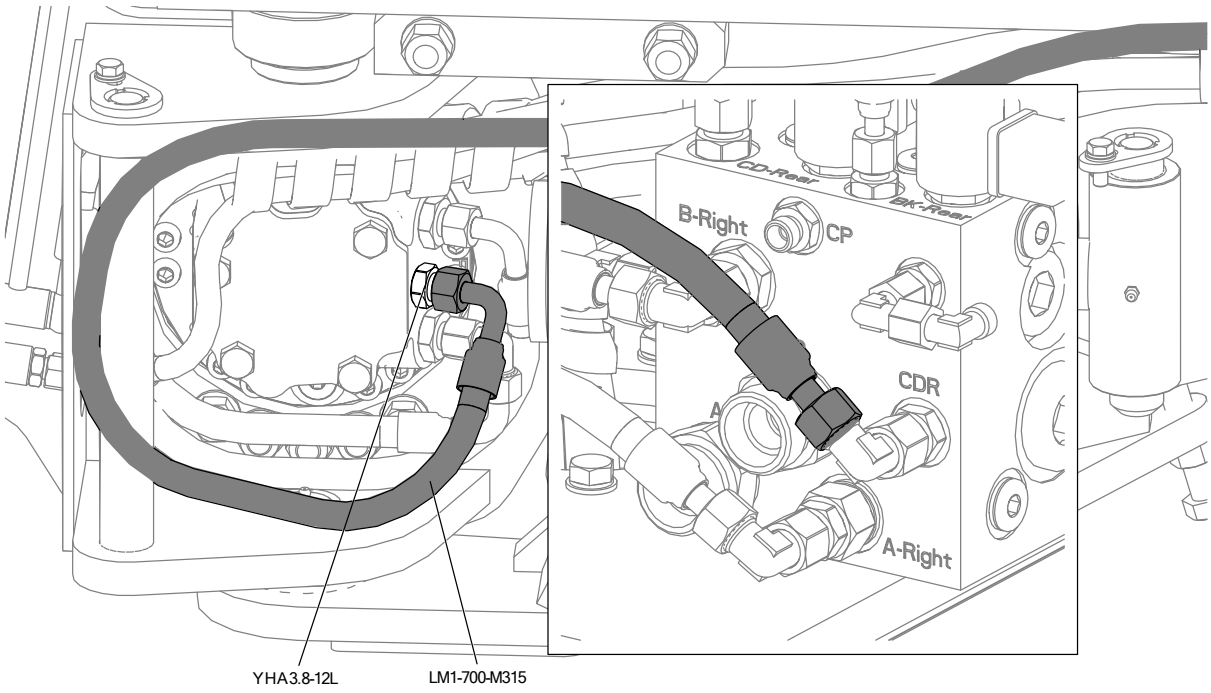


Figure 103: LM1-702-30 METRIC RHS FRONT HYDRAULICS LM1-700-M315 TO YBLOCK3 [CDR] 4 WAY CONFIGURATION

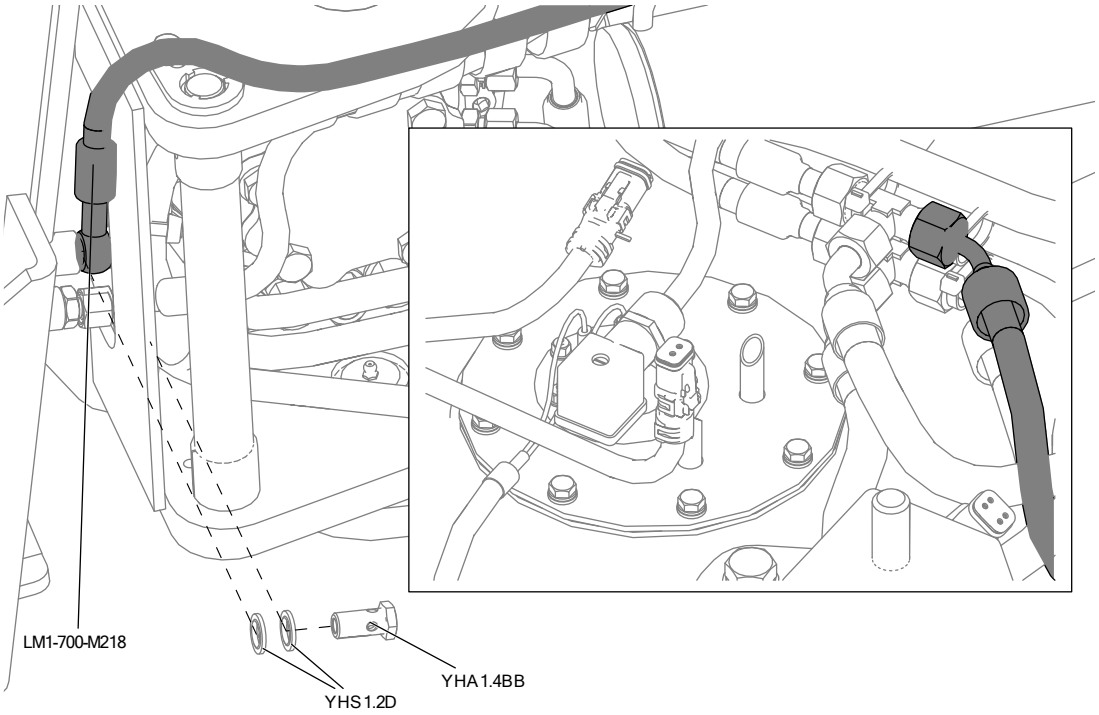


Figure 104: LM1-702-30 METRIC - STABALIZER LEG RHS TOP PORT 4-WAY

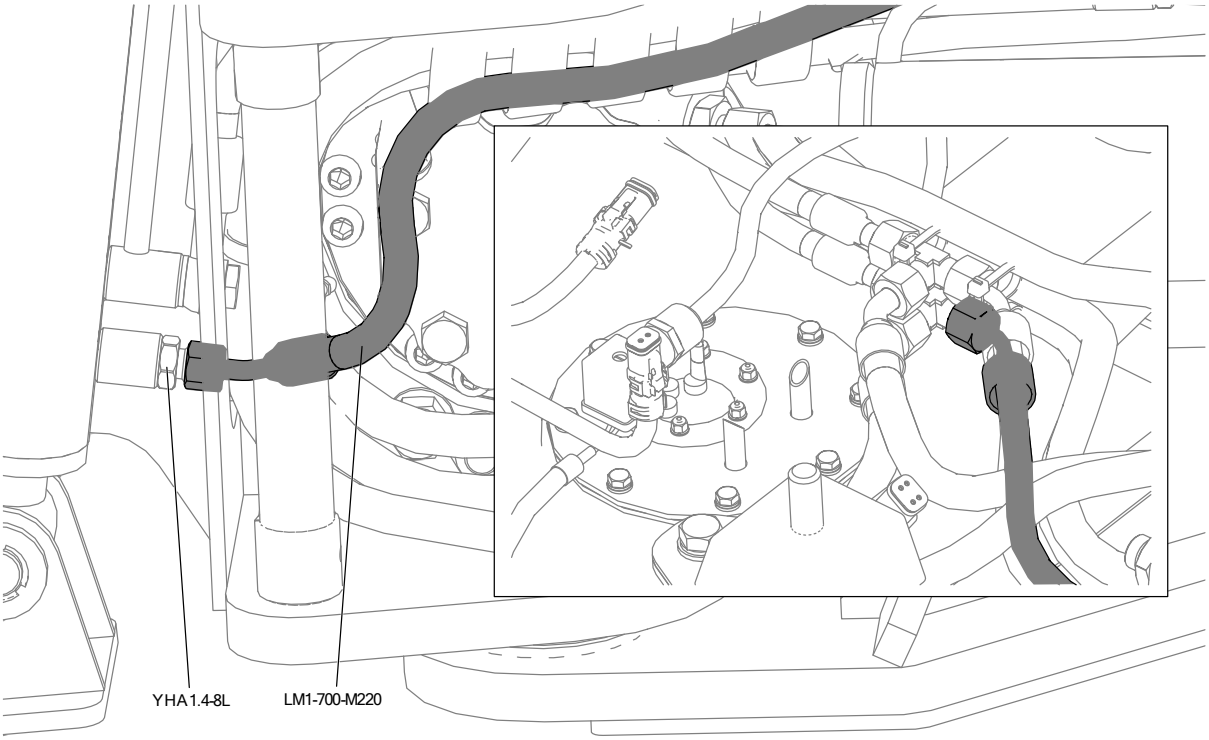


Figure 105: LM1-702-30 METRIC - STABALIZER LEG RHS BOTTOM PORT 4-WAY

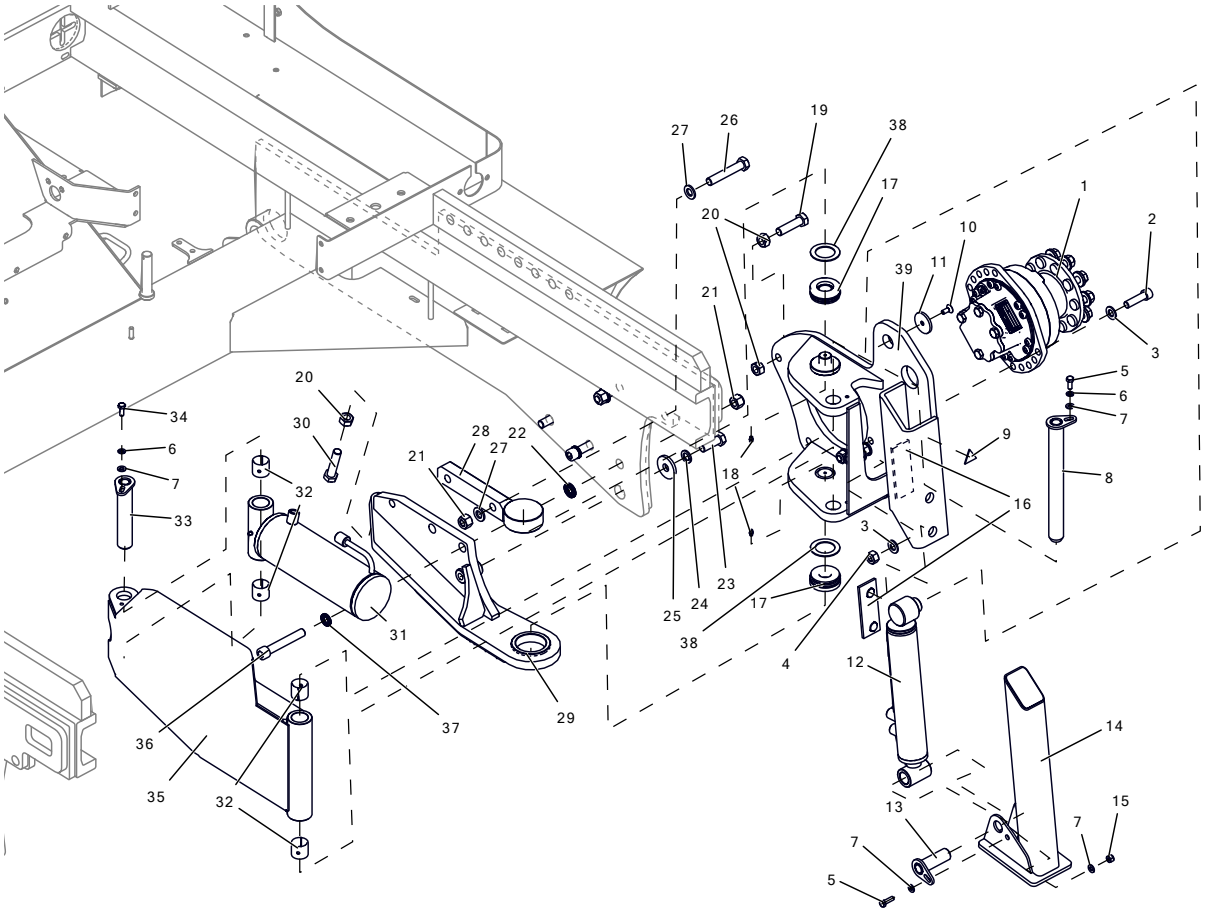


Figure 106: LM1-340-10 4-WAY SHORT LHS WHEEL ASSEMBLY

ITEM	PART NUMBER	TERRITORY	QTY	DESCRIPTION	NOTES
1	YMOTOR24		1	FRONT WHEEL MOTOR (YMOTOR4 - 10 STUD CONVERSION WITH STUDS AND NUTS)	
2	XS14050Z		10	M14 X 50 HEX HEAD SCREW 8.8	
3	XW14AZ		20	M14 FORM A WASHER	
4	XN14N		10	M14 NYLOC NUT	
5	XS08025Z		2	M8 X 25 HEX HEAD SCREW 8.8	
6	XW08SZ		2	M8 SPRING WASHER	
7	XW08AZ		4	M8 FORM A WASHER	
8	LM1-355-00		1	FRONT 4WAY PIN ASSEMBLY	
9	LM1-901-32		1	DECAL - WARNING PINCH POINT	
10	XCSK08020SKTZB		1	M8 X 20 CSUNK SCREW 8.8	
11	LM1-350-08		1	RETAINING WASHER	
12	LM1-350-10		1	STABILIZER CYLINDER LH	
13	LM1-350-06		1	STABILIZER CYLINDER PIN	
14	LM1-357-00		1	STABILIZER LEG	
15	XN08N		1	M8 NYLOC NUT	
16	YPAD1		2	WEAR PAD	
17	YBEARGX25F		2	4-WAY THRUST BEARING	
18	YGN0600		2	YGN0600 GREASE NIPPLE	
19	XS16060Z		1	M16 X 60 HEX HEAD SCREW 8.8	
20	XN16Z		3	M16 HEX NUT	
21	XN16N		4	M16 NYLOC NUT	
22	XW16SPNLD		2	NORDLOC WASHER NUT SIDE	
23	XS16045Z		2	M16 X 45 HEX HEAD SCREW 8.8	
24	XW16SZ		2	M16 SPRING WASHER	
25	LM1-352-08		1	SPECIAL WASHER - 4 WAY CLAMP	
26	XS16090Z		2	M16 X 90 HEX HEAD SCREW 8.8	
27	XW16AZ		7	M16 FORM A WASHER	
28	LM1-353-00		1	TOP BRACKET 4-WAY ASSEMBLY LH	
29	LM1-352-100		1	BOTTOM BRACKET - 4 WAY LH	
30	XS16070Z		1	M16 X 70 HEX HEAD SCREW 8.8	
31	LM1-354-00		1	4 WAY CYLINDER	
32	YBUSH7		4	4-WAY DX BUSH	
33	LM1-356-00		1	REAR 4 WAY PIN ASSEMBLY	
34	XS08025Z		1	M8 X 20 HEX HEAD SCREW 8.8	
35	LM1-351-00		1	4 WAY GUARD ASSEM	
36	XSC16100Z		1	M16X100 SKT CAP HEAD SCREW 12.9	
37	XW16NLD		2	NORDLOC WASHER NUT SIDE	
38	LM1-352-05		2	4-WAY SHIM	
39	LM1-360-01 LM1-350-09	USA/CAN/AUS UK	1	WHEEL PLATE WELD ASSEMBLY RH 4-WAY SHORT 4-WAY LONG	

Table 51: LM1-340-10 4-WAY SHORT LHS WHEEL ASSEMBLY - BOM

JIC HOSE ARRANGEMENT - LHS

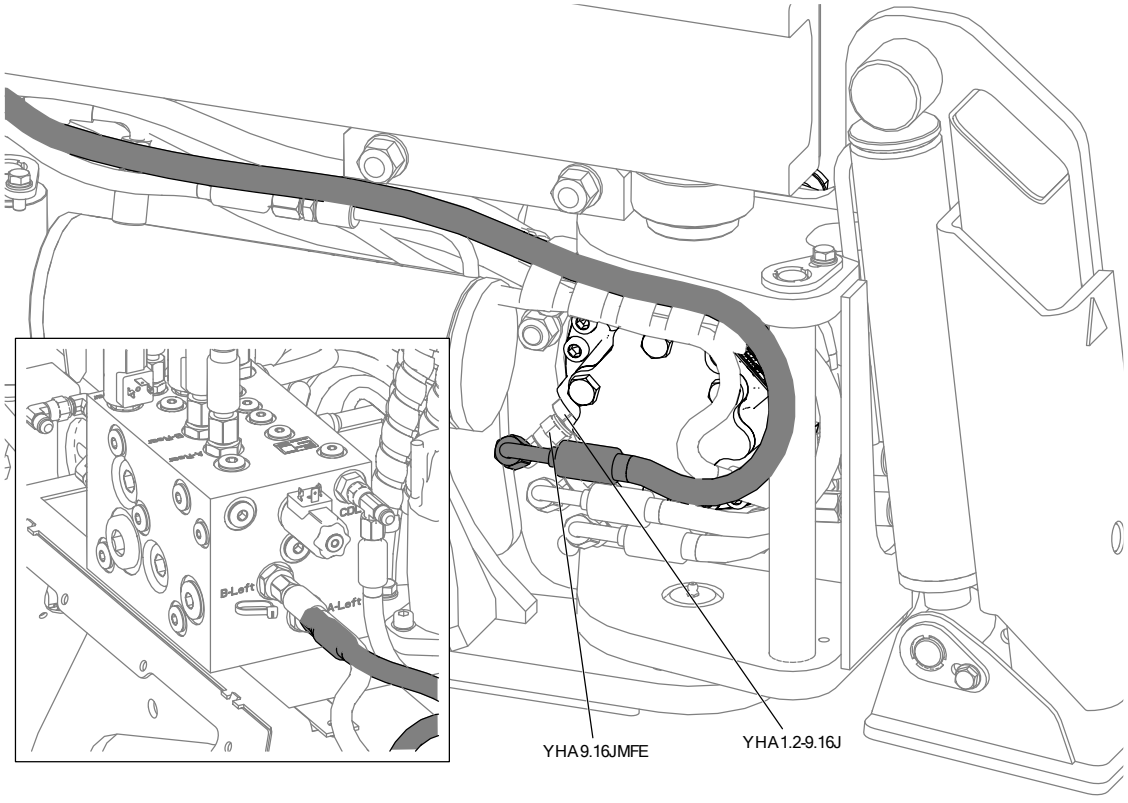


Figure 107: JIC - LM1-340-10 LHS FRONT HYDRAULICS - LM1-700-J215 TO YBLOCK3 [A-LEFT] 4 WAY CONFIGURATION

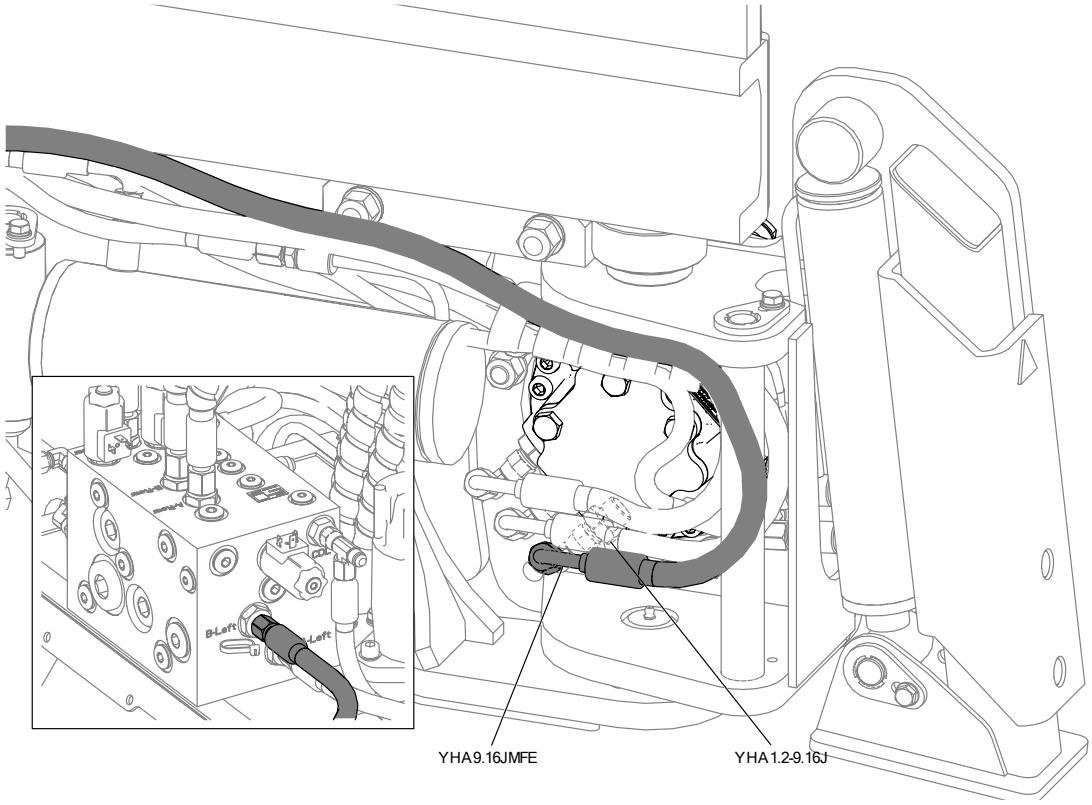


Figure 108: JIC - LM1-340-10 LHS FRONT HYDRAULICS - LM1-700-J215 TO YBLOCK3 [B-LEFT] 4 WAY CONFIGURATION

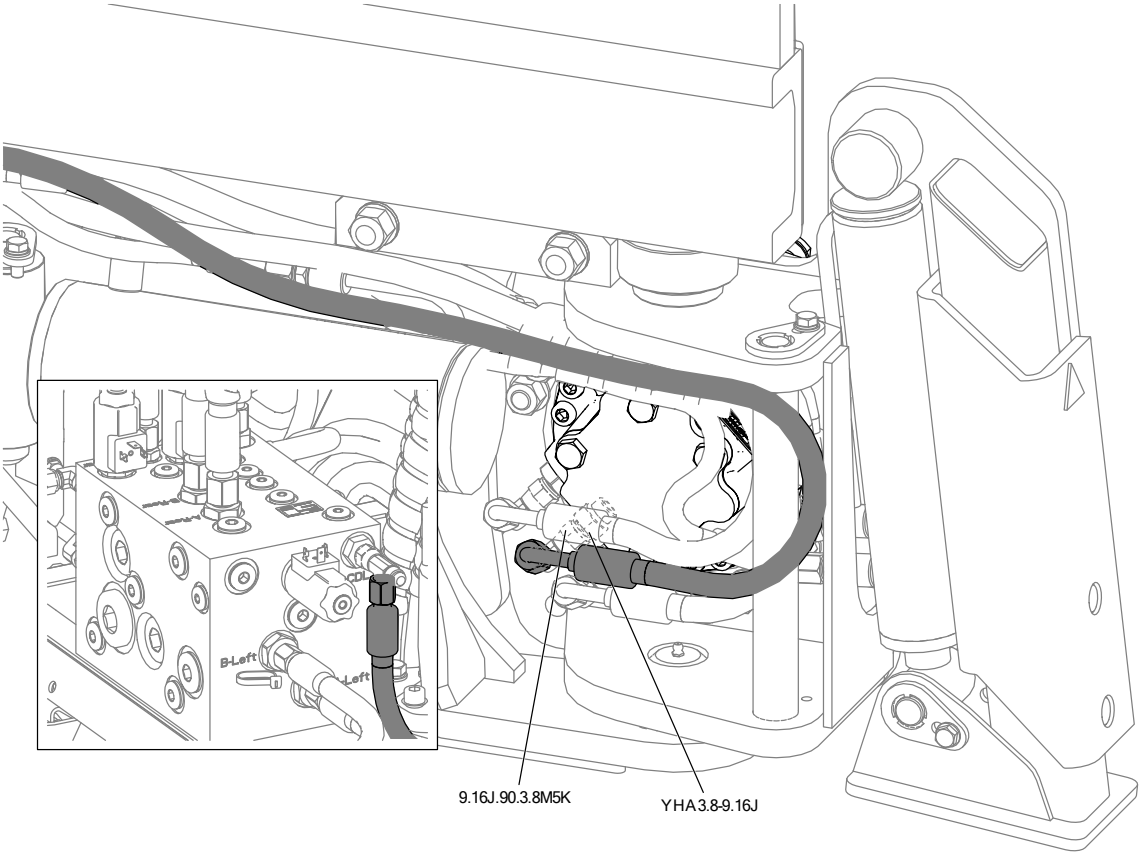


Figure 109: JIC - LM1-340-10 LHS FRONT HYDRAULICS LM1-700-J216 TO YBLOCK3 [CDL] 4 WAY CONFIGURATION

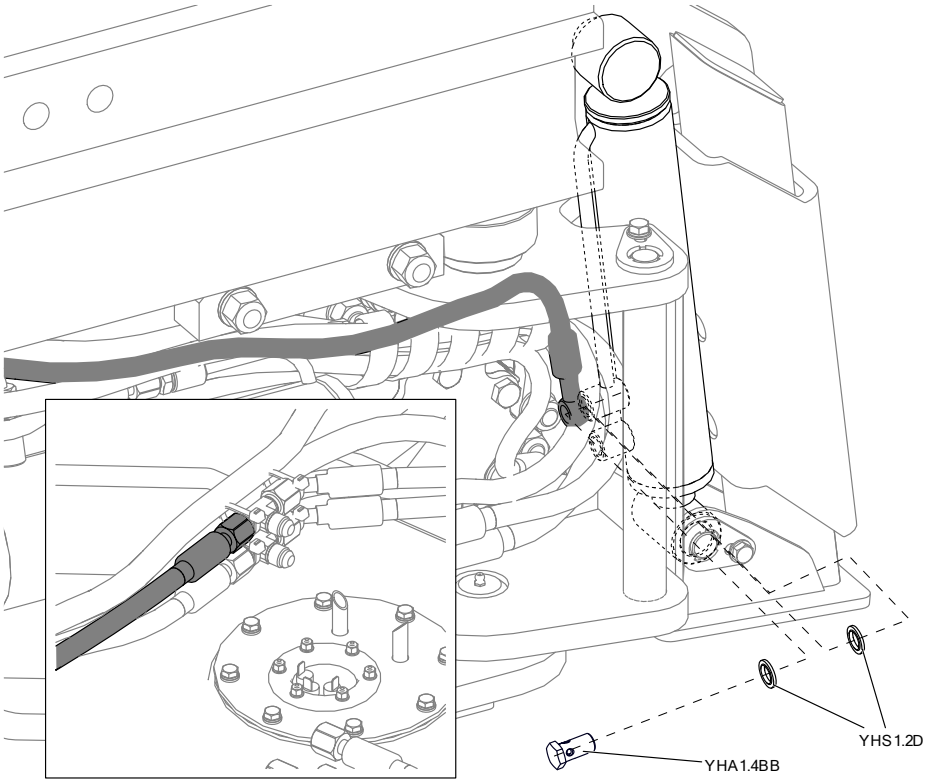


Figure 110: JIC - LM1-350-10 STABILISER LEG LHS TOP PORT 4 WAY CONFIGURATION

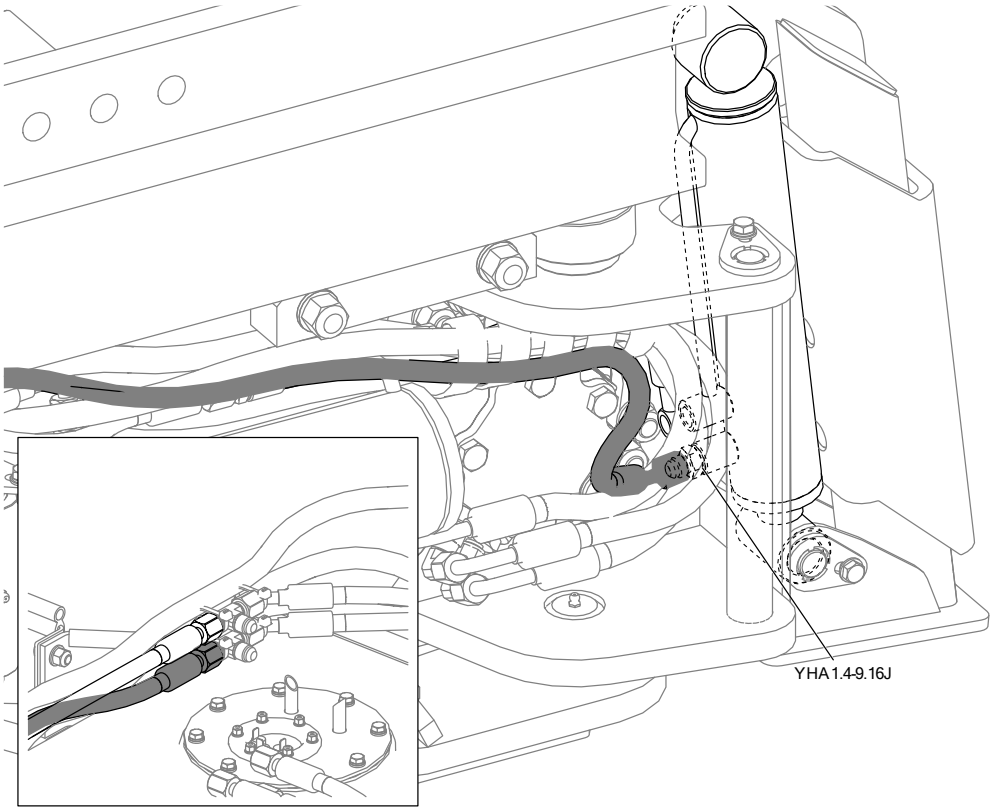


Figure 111: JIC - LM1-350-10 STABILISER LEG LHS BOTTOM PORT 4 WAY CONFIGURATION

METRIC HOSE ARRANGEMENT – RHS

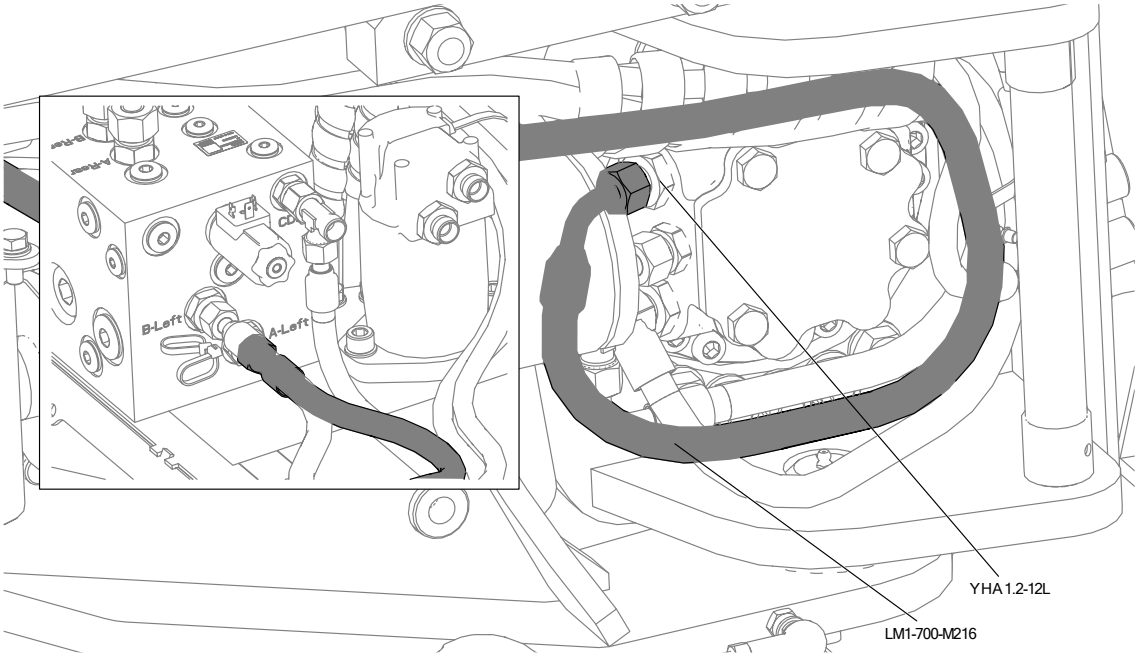


Figure 112: LM1-702-30 METRIC LHS FRONT HYDRAULICS - LM1-700-M215 TO YBLOCK3 [A-LEFT] 4 WAY CONFIGURATION

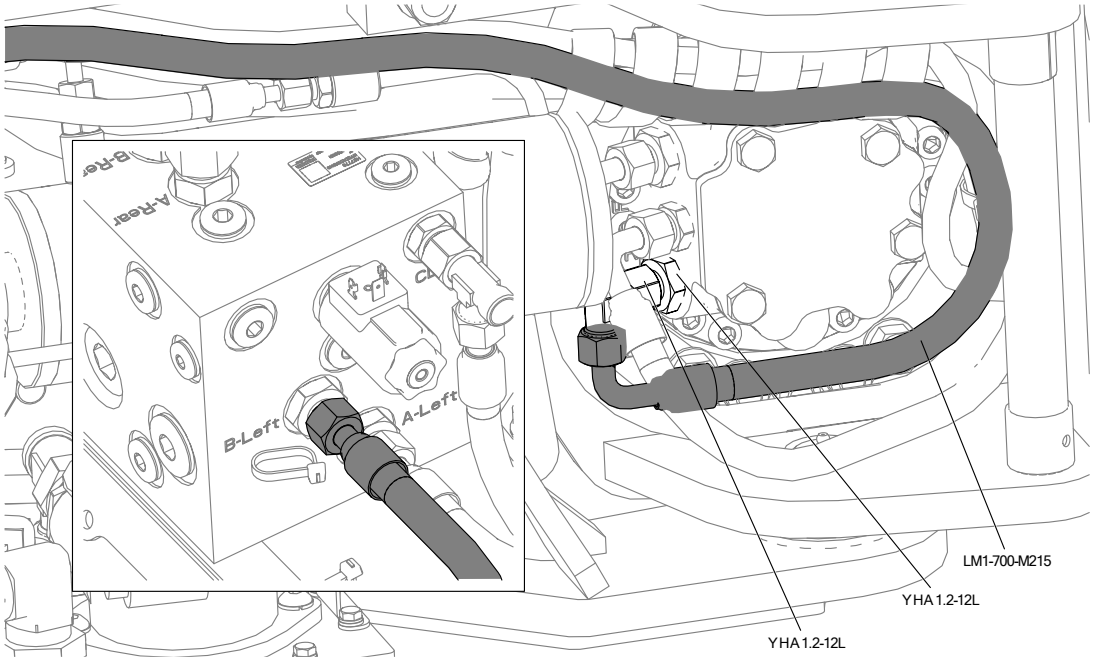


Figure 113: LM1-702-30 METRIC LHS FRONT HYDRAULICS - LM1-700-M215 TO YBLOCK3 [B-LEFT] 4 WAY CONFIGURATION

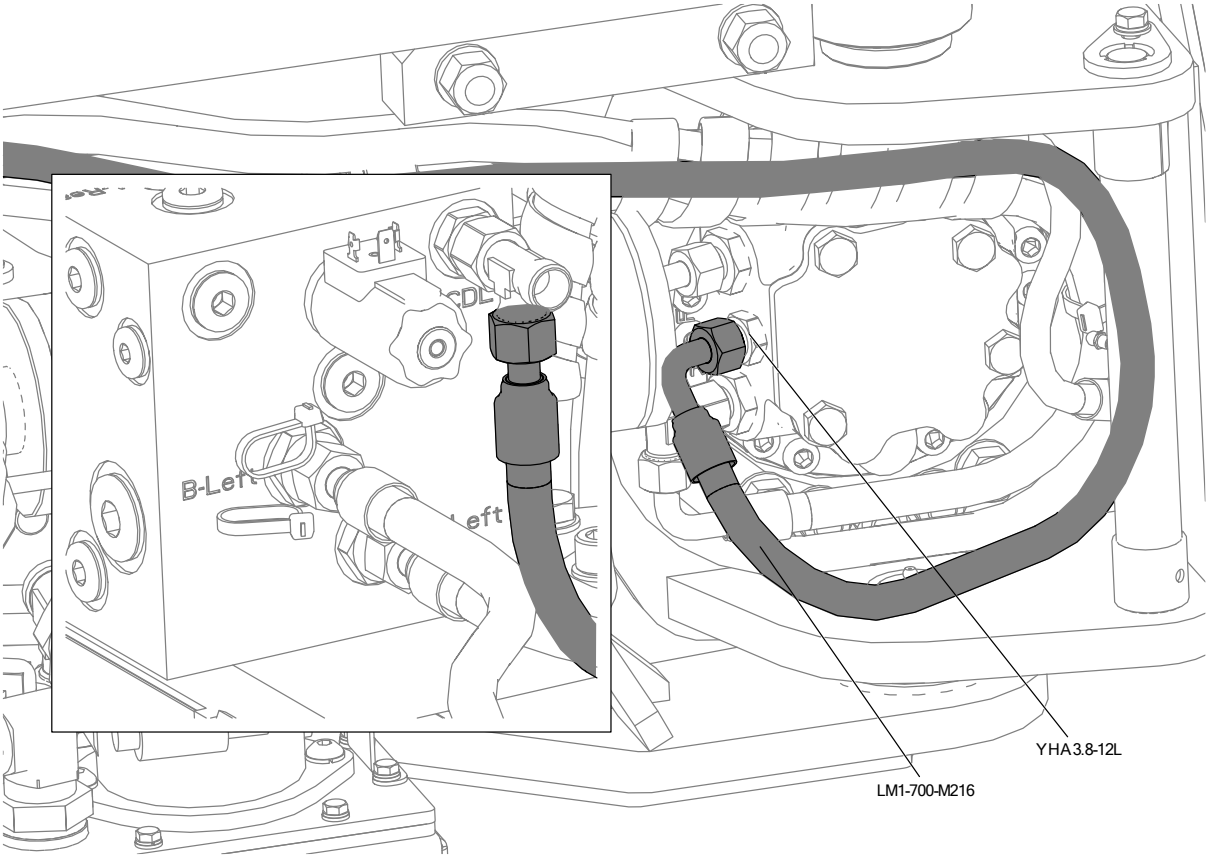
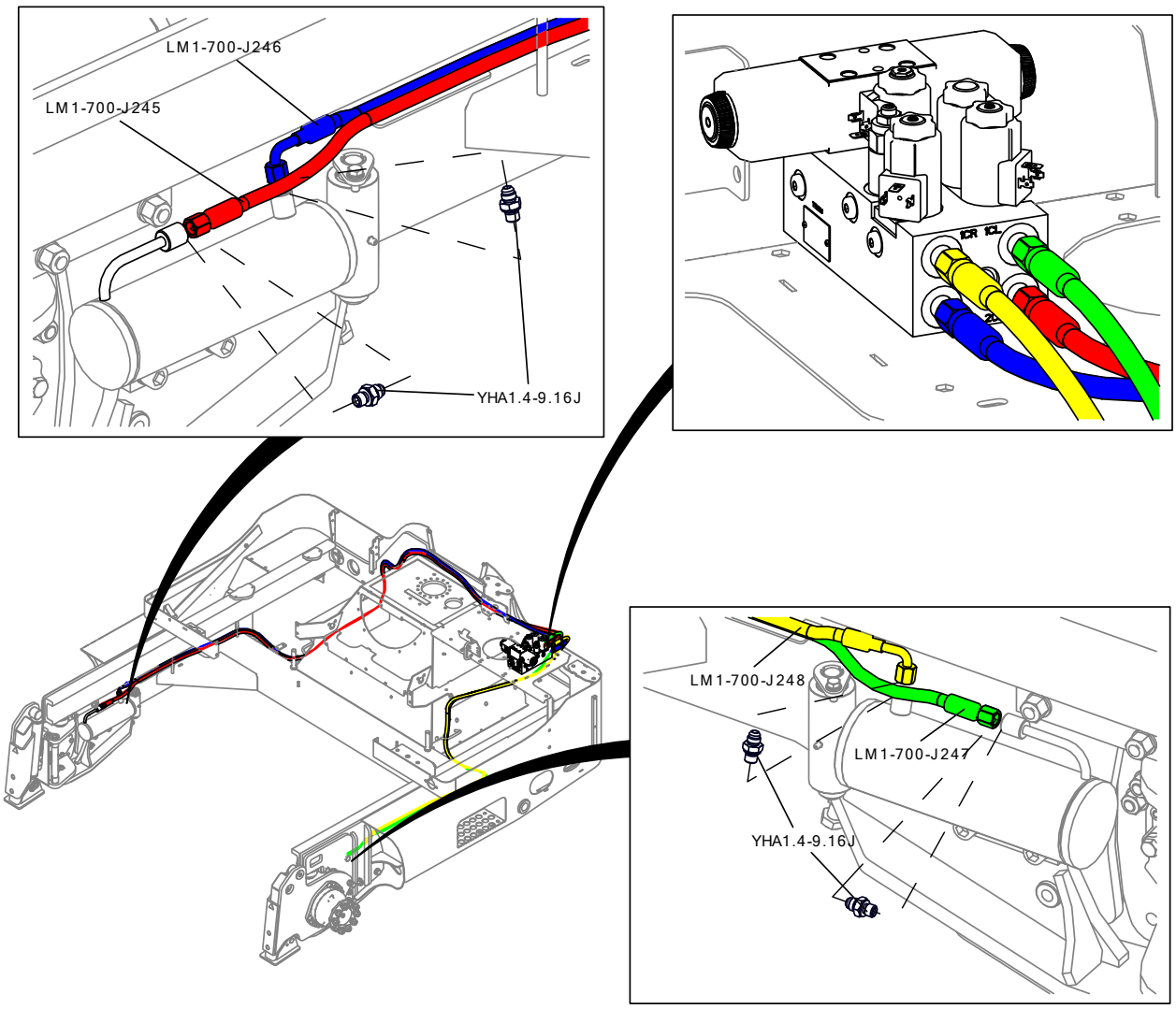


Figure 114: LM1-702-30 METRIC LHS FRONT HYDRAULICS - LM1-700-M216 TO YBLOCK3 [CDL] 4 WAY CONFIGURATION

CHAPTER3.6: 4 WAY CYLINDER HOSES

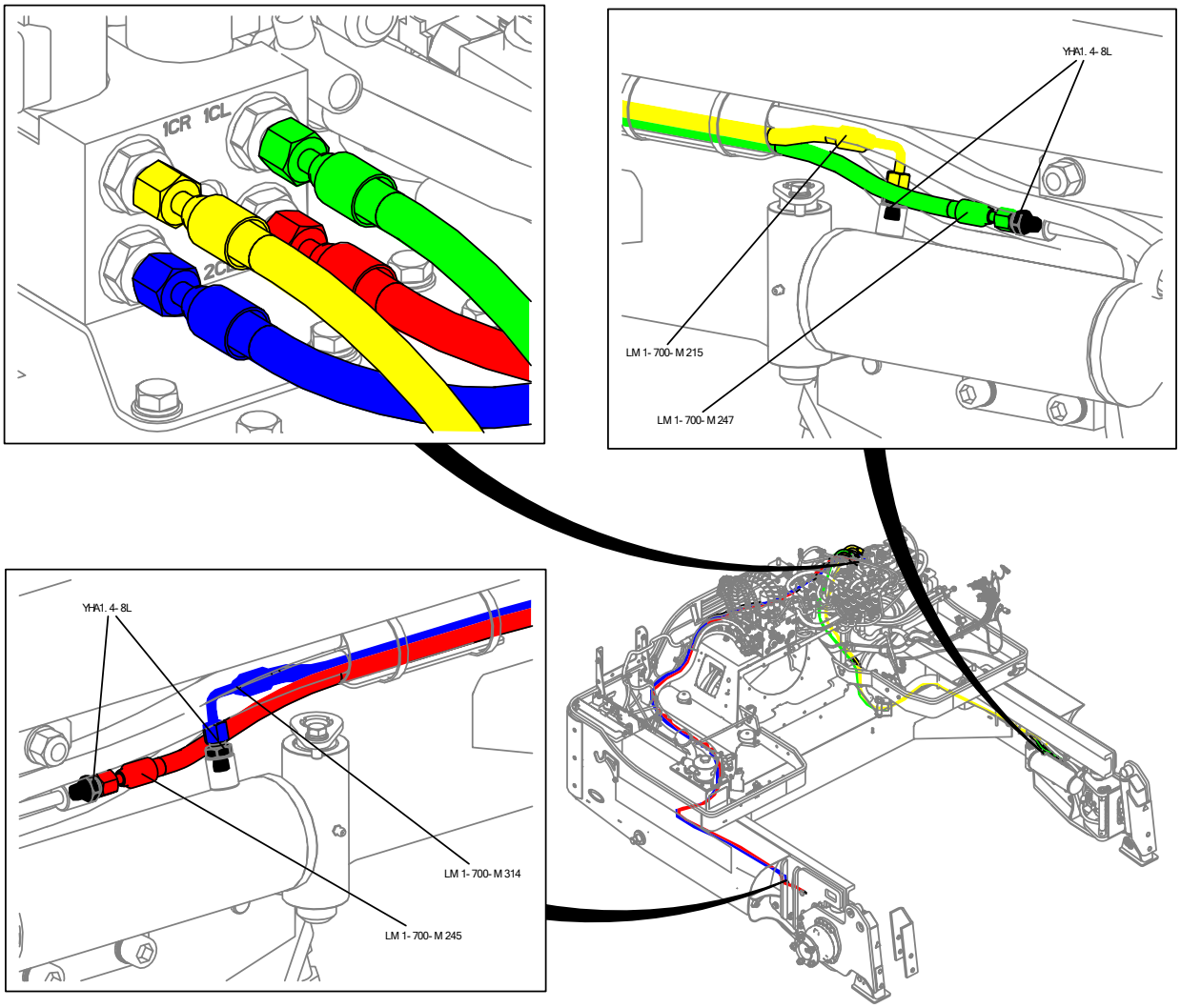
JIC HOSE CONFIGURATION



JIC HOSE	LOCATION ON YBLOCK5
LM1-700-J245	2CL
LM1-700-J246	2CR
LM1-700-J248	1CR
LM1-700-J247	1CL

Figure 115: 4-WAY CYLINDER HOSES JIC

METRIC HOSE CONFIGURATION



METRIC HOSE	LOCATION ON YBLOCK5
LM1-700-M245	2CL
LM1-700-M314	2CR
LM1-700-M215	1CR
LM1-700-M247	1CL

Figure 116: 4 WAY CYLINDER HOSES METRIC

CHAPTER4: MASTS

CHAPTER4.1: 3.1M MAST

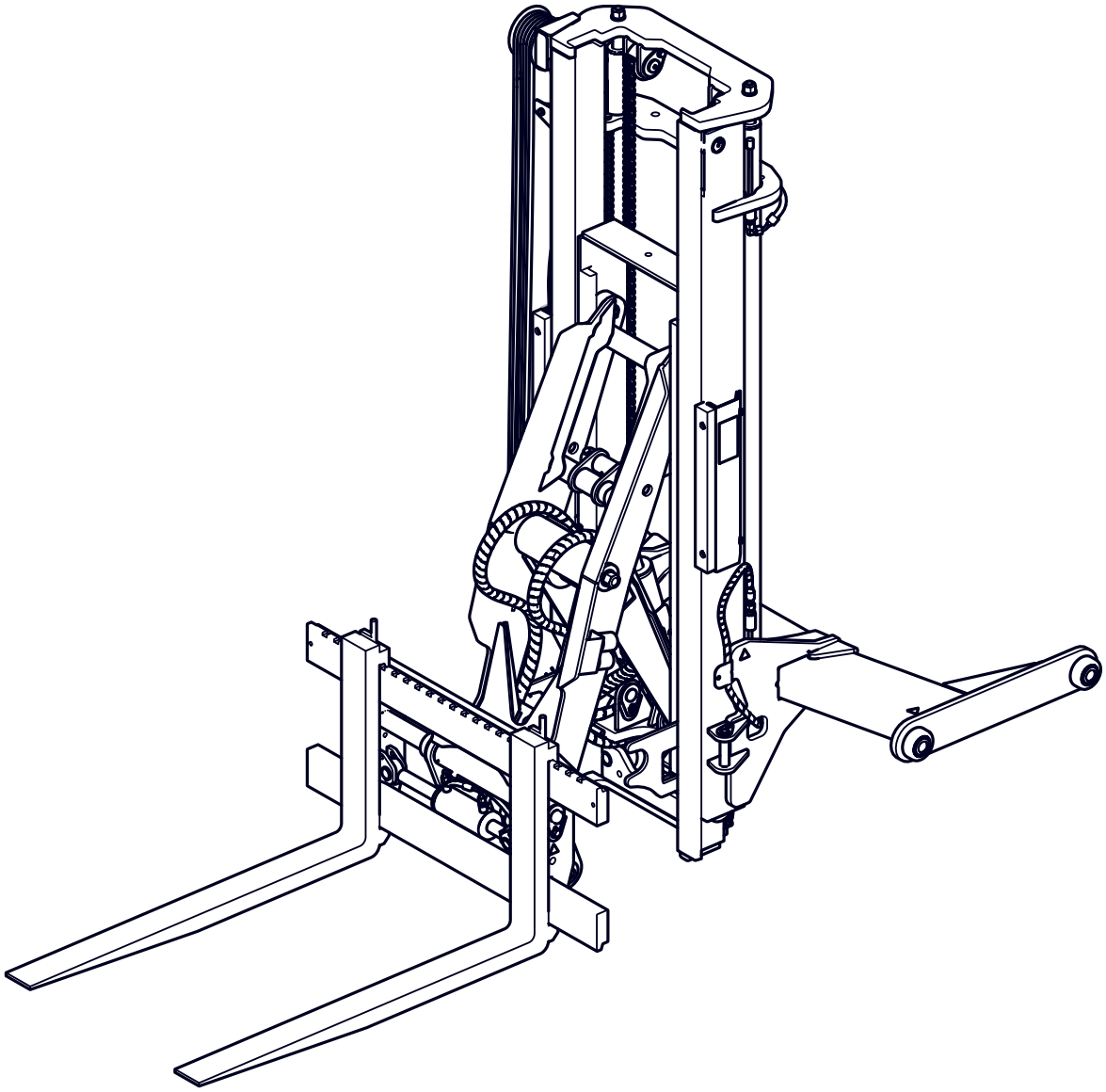


Figure 117: LM1-20-10 3.1M MAST ASSEMBLY

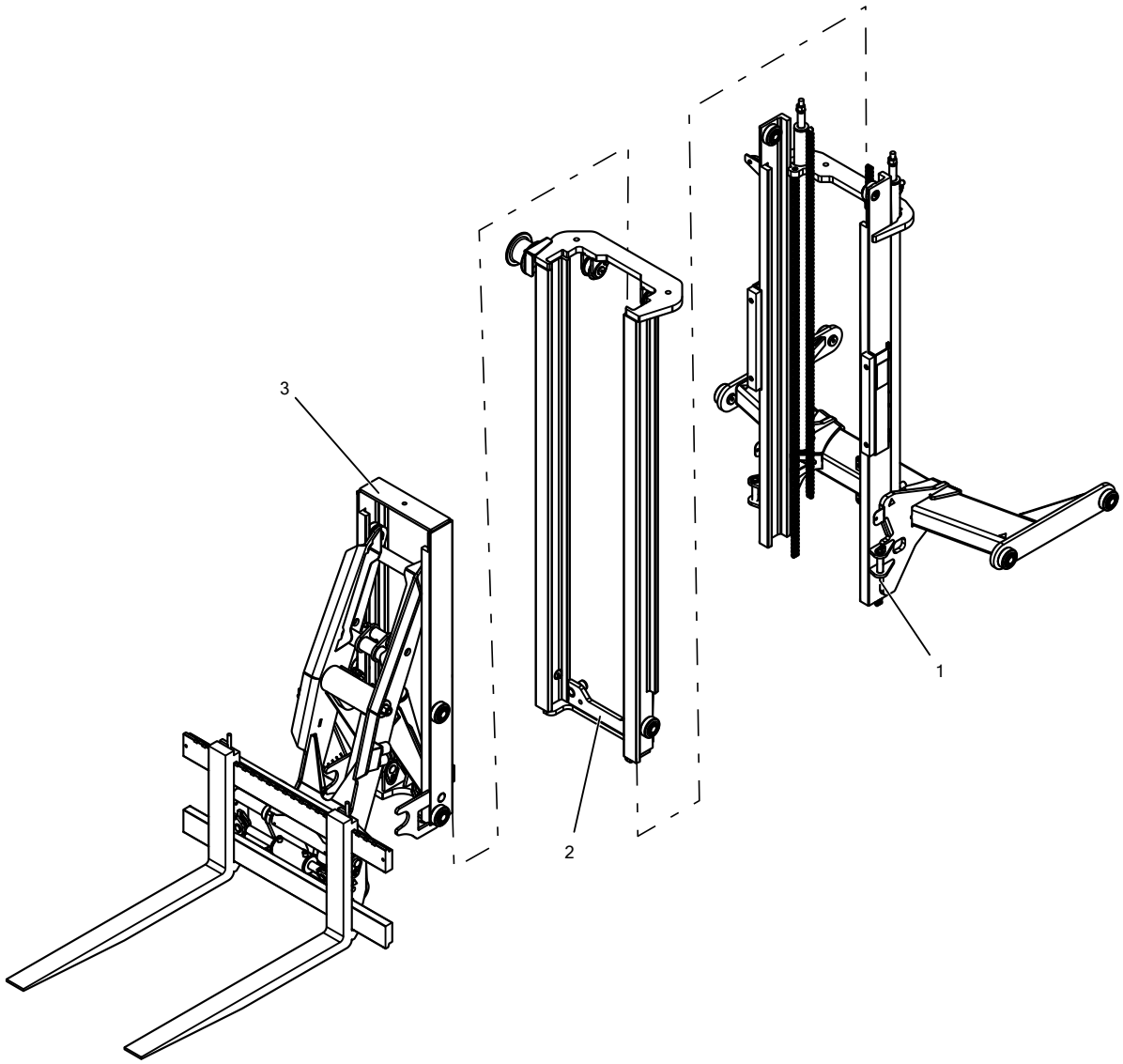


Figure 118: LM1-20-10 3.1M MAST ASSEMBLY - MAIN PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION
1	LM1-202-50	1	STAGE 1 MAST 3.1M
2	LM1-204-00	1	STAGE 2 MAST 3.1M
3	LM1-24-00	1	STAGE 3 MAST COMMON

Table 52: LM1-20-10 3.1M MAST ASSEMBLY - MAIN PARTS - BOM:

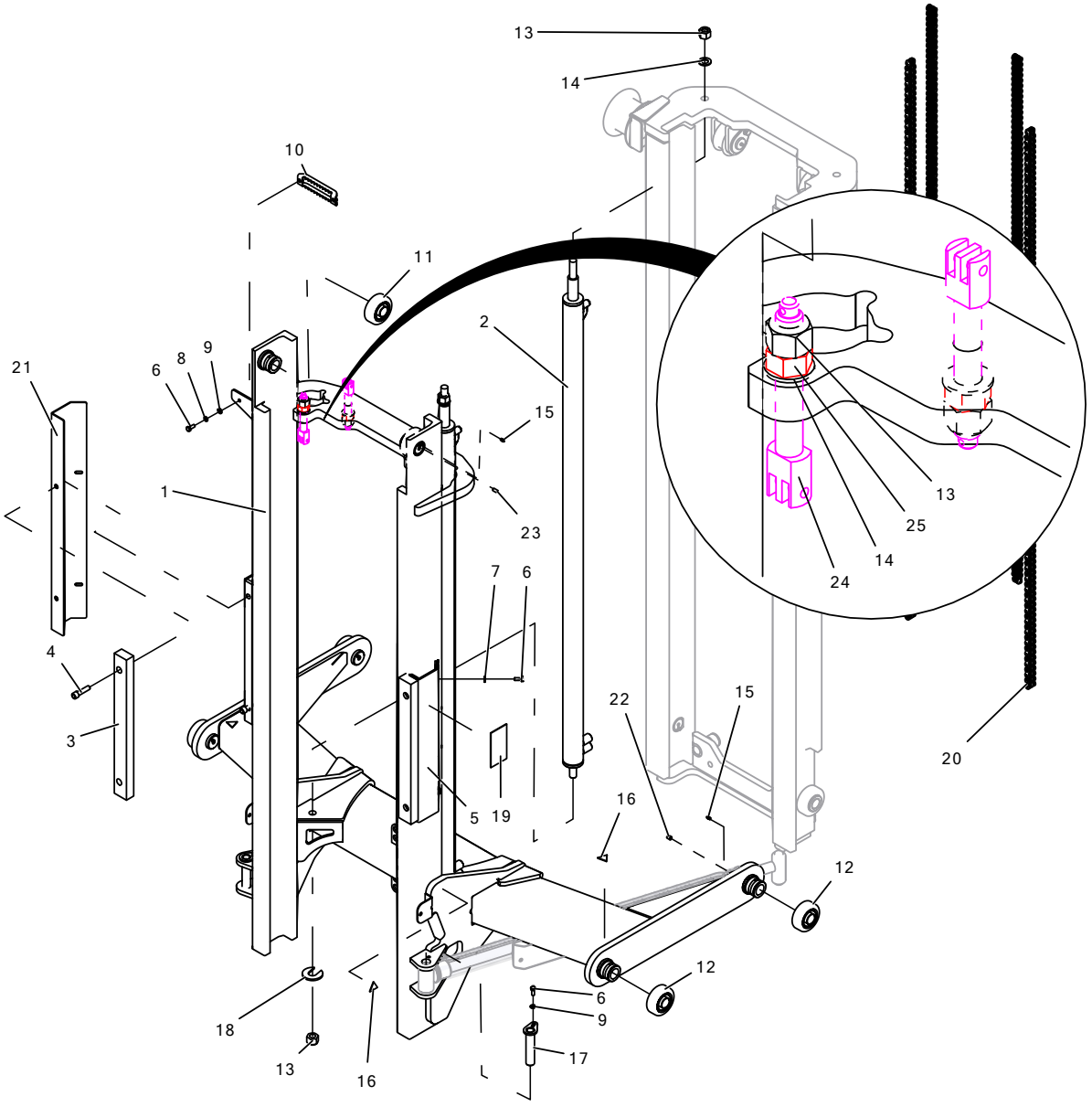


Figure 119: LM1-202-50 STAGE 1 MAST 3.1M

ITEM	PART NUMBER	Qty	DESCRIPTION	NOTES
1	LM1-202-60	1	STAGE 1 3.1M MAST WA	
2	LM1-210-52	2	LIFT CYLINDER	
3	LM1-200-02	2	TRAILER PAD	
4	XSC12050Z	4	M12x50 CAP HEAD SCREW 8.8	
5	LM1-219-00	1	MAST PIPE CASING LHS	
6	XS08020Z	8	M8 X 20 HEX HEAD SCREW 8.8	
7	XW08CZB	4	M8 FORM C WASHER	
8	XW08SZB	2	M8 SPRING WASHER	
9	XW08AZ	4	M8 FORM A WASHER	
10	LM1-224-00	1	HYDRAULIC HOSE CLAMP	
11	YBEARING20	2	TAPERED MAST BEARING	
12	YBEARING19	4	PARALLEL MAST BEARING	
13	XN20N	8	M20 NYLOC NUT	
14	XW20AZ	6	M20 FORM A WASHER	
15	YGN0600	6	M6 GREASE NIPPLE STRAIGHT	
16	LM1-901-32	4	DECAL - WARNING PINCH POINT	
17	LM1-217-00	2	PIN ASSEMBLY	
18	LM1-200-07	2	SPACER	
19	LM1-901-13	2	DECAL - NO STAND UNDER/ON FORKS	
20	YCHAINKIT1	1	3.1 MAST CHAIN KIT	
21	LM1-218-00	1	MAST PIPE CASING RHS	
22	XG10040	4	M10 X 40 GRUB SCREW	
23	XG10020	2	M10 X 20 GRUB SCREW	
24	YCHAINBOLT1	4	CHAIN BOLT P.N.BL0644XB3	
25	YCHAINBOLT1 NUT	4	M20 NUT - PART OF YCHAINBOLT1	

Table 53: LM1-202-50 STAGE 1 MAST 3.1M - BOM

CHAPTER4.2: YCHAINKIT1

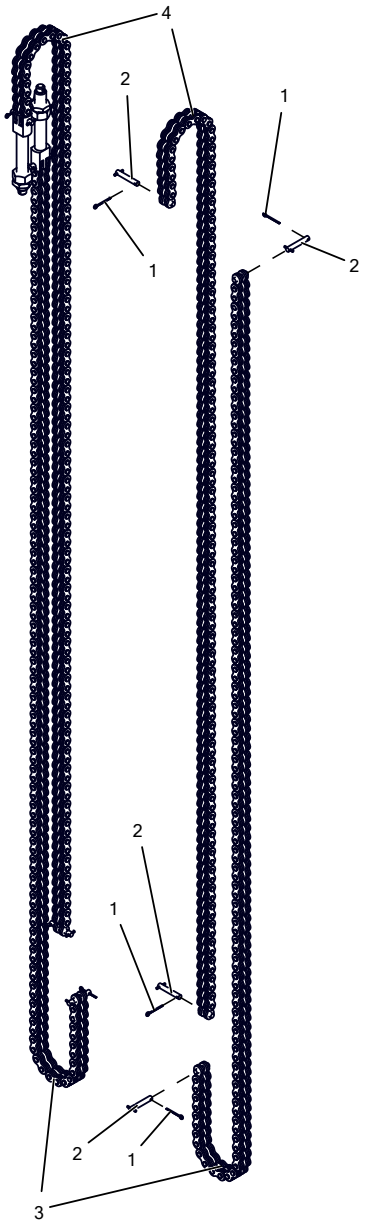


Figure 120: YCHAINKIT1

ITEM	PART NUMBER	Qty	DESCRIPTION	NOTES
1	XSP02032Z	8	SPLIT PIN	
2	YCHAINPIN1	8	PIN FOR YCHAINBOLT1 (BL344) - SHORT	
3	CHAIN B 56 LINKS	2	CHAIN B 56 LINKS	
4	CHAIN A 55 LINKS	1	CHAIN A 55 LINKS	

Table 54: YCHAINKIT1 BOM

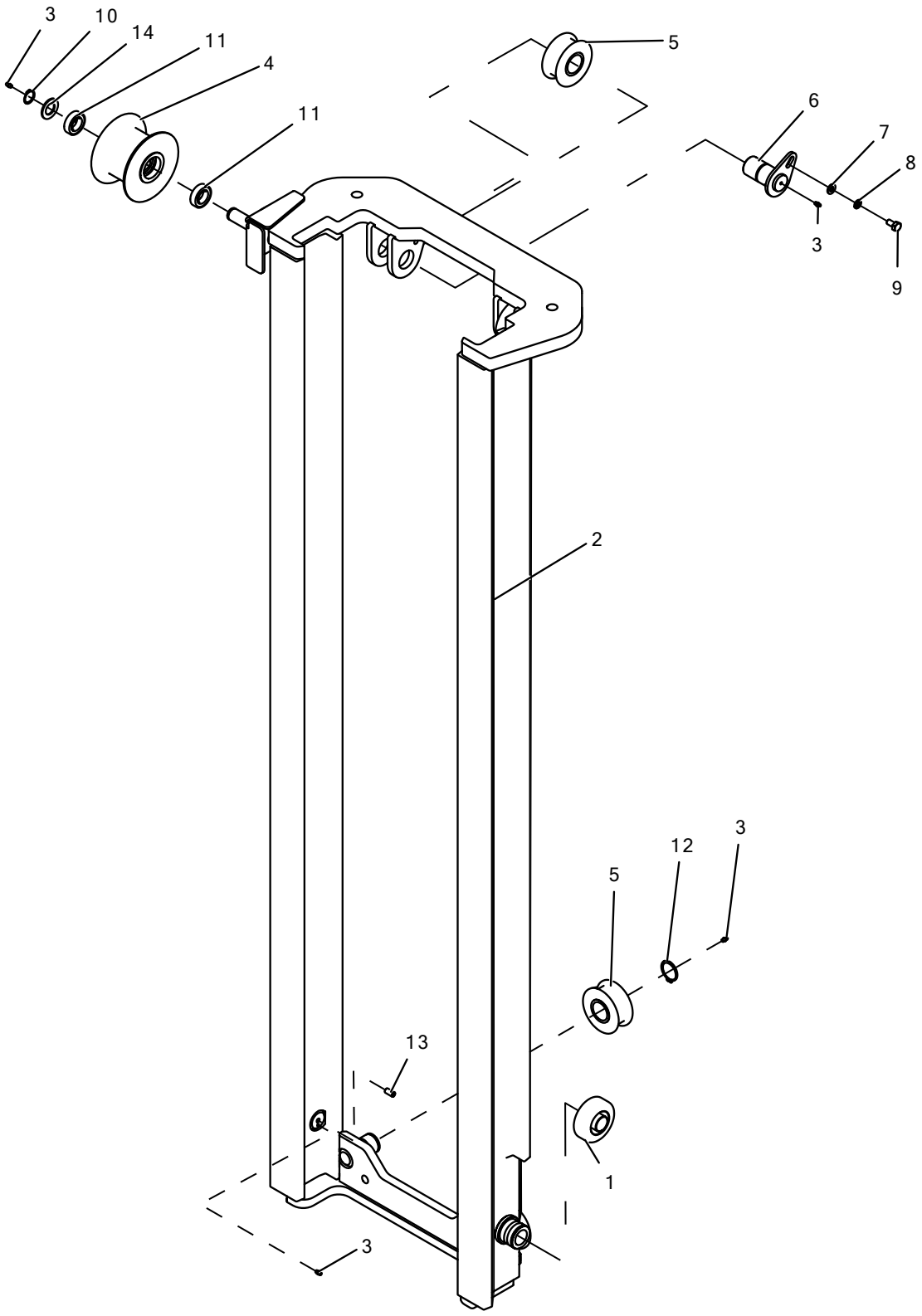


Figure 121: LM1-204-00 STAGE 2 MAST 3.1M

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YBEARING19	2	PARALLEL MAST BEARING	
2	LM1-205-00	1	STAGE 2 3.1M MAST WA	
3	YGN0600	7	YGN0600 GREASE NIPPLE	
4	LM1-204-01	1	MAST HOSE ROLLER 6-BERTH	FOR ALTERNATIVE 8-BERTH HOSE ROLLER USE LM1-204-02
5	YROLLER1	4	MAST CHAIN ROLLER	
6	LM1-206-00	2	CHAIN ROLLER PIN ASSY	
7	XW10AZ	2	M10 FORM A WASHER	
8	XW10SZ	2	M10 SPRING WASHER	
9	XS10020Z	2	M10 X 20 HEX HEAD SCREW 8.8	
10	YCIRCLIP5	1	25.0 SHAFT EXTERNAL CIRCLIP	
11	YBEARING18	2	HOSE ROLLER BEARING	
12	YCIRCLIP6	2	40.0 SHAFT EXTERNAL CIRCLIP	
13	XG10020	2	M10 X 20 GRUB SCREW	
14	XW24BZ	1	M24 FORM A WASHER	

Table 55: LM1-204-00 STAGE 2 MAST 3.1M - BOM

CHAPTER4.4: 3.1M MAST STAGES 1 AND 2 – HYDRAULICS

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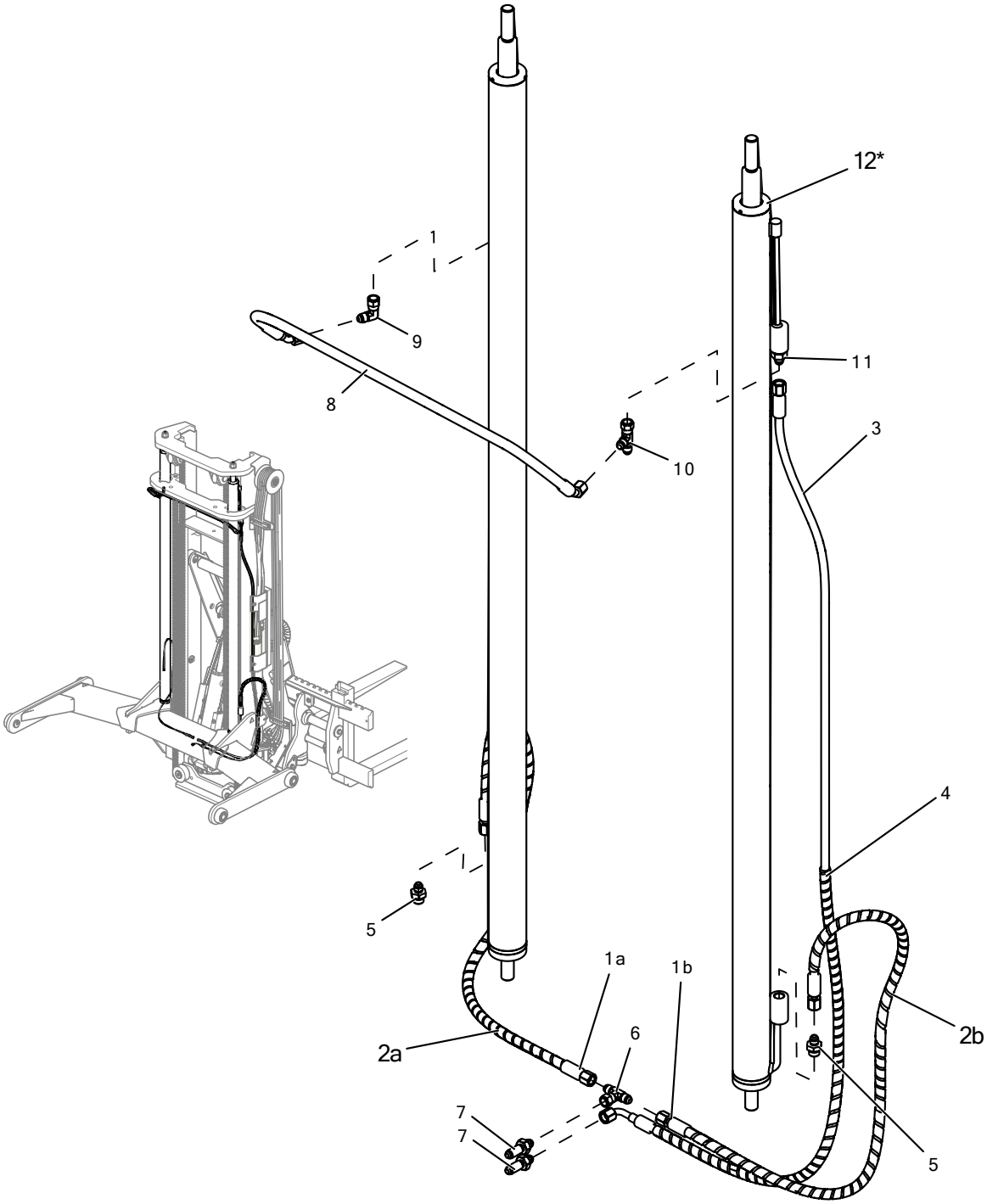


Figure 122:3.1M LIFT CYLINDER HOSE DETAIL JIC

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1a	LM1-700-344 [179-184]	1	HYDRAULIC HOSE	
1b	LM1-700-344 [177-182]	1	HYDRAULIC HOSE	
2a	LM1-700-344 [179-184] HOSE SPIRAL WRAP	1	HOSE SPIRAL WRAP	
2b	LM1-700-344 [177-182] HOSE SPIRAL WRAP	1	HOSE SPIRAL WRAP	
3	LM1-700-346 [178-180]	1	HYDRAULIC HOSE	
4	LM1-700-346 [178-180] HOSE SPIRAL WRAP	1	HOSE SPIRAL WRAP	
5	YHAR-2MM-3-8-9-16J	2	3/8" BSP M TO 9/16"J M W/ SEAL & 2MM RESTRICTOR	
6	YHT9-16JMMF	1	9/16J-18 TEE MFM MALE ON BRANCH	
7	YHB9.16J	2		
8	LM1-700-345 [181-183]	1	HYDRAULIC HOSE	
9	YHA9.16JMFE	1	9/16J-18 MF SWIVLE ELBOW	
10	YHT9-16JMFM	1	9/16J-18 TEE MFM MALE ON BRANCH	
11	YHA3.8-9.16J	2	3/8" BSP M W/ SEAL TO 9/16J-18 M	
12*	YSEALKIT6	1	SEALKIT FOR 50/30 CYLINDER	

Table 56: 3.1M LIFT CYLINDER HOSE DETAIL JIC - BOM

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CHAPTER4.5: 3.6M MAST

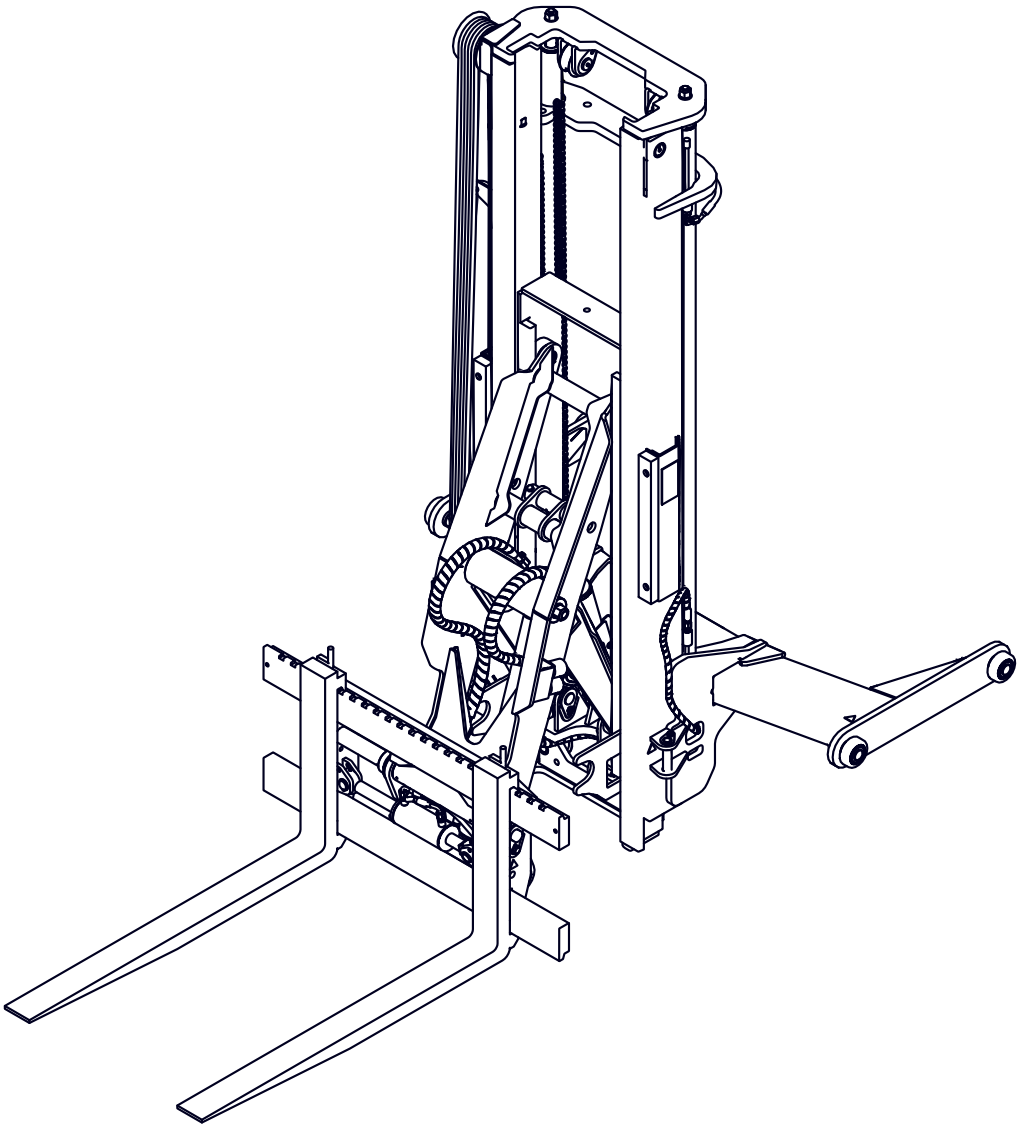
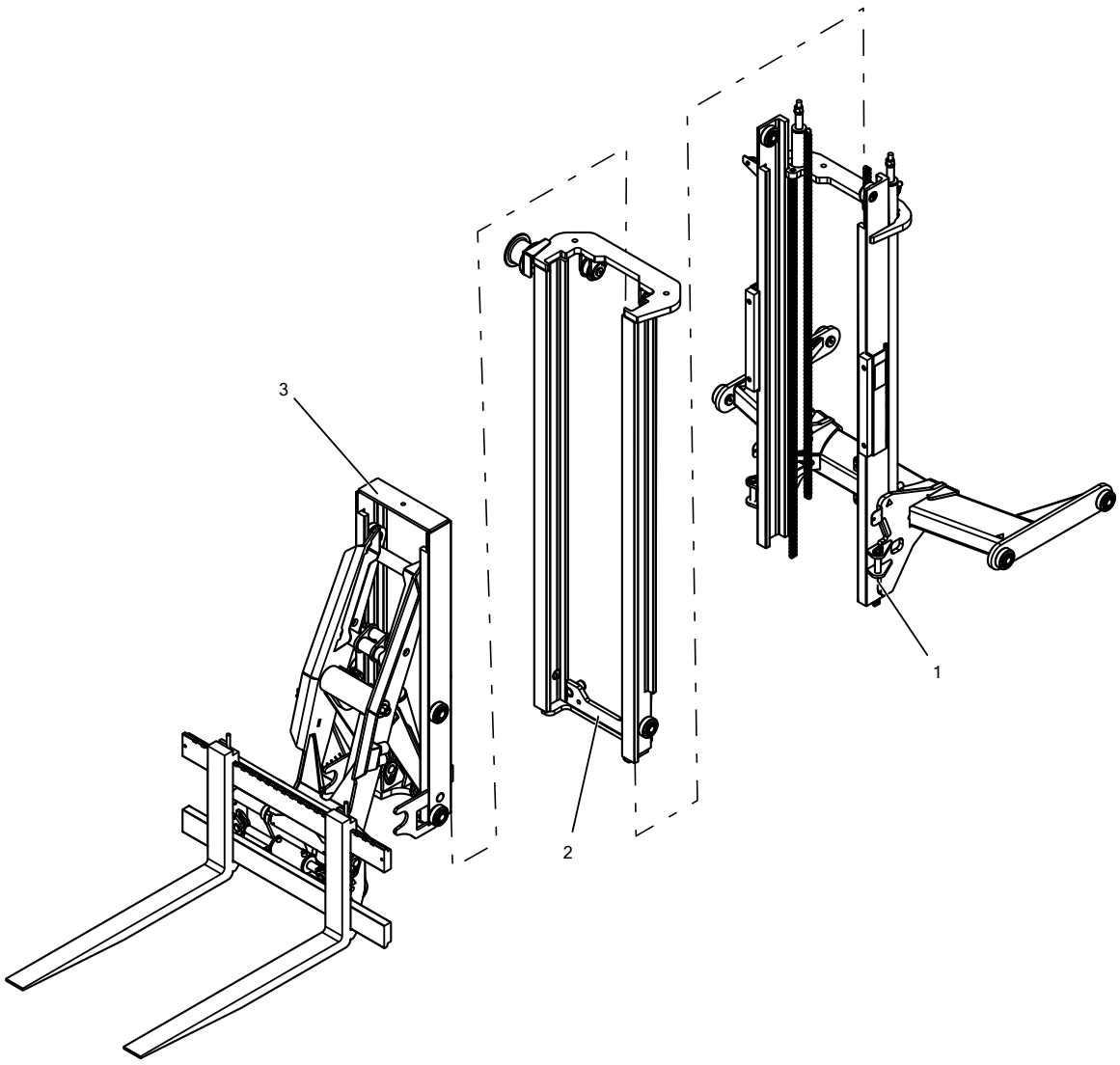


Figure 123: LM1-21-10 3.6M MAST ASSEMBLY



ITEM	PART NUMBER	QTY	Description	NOTES
1	LM1-232-50	1	STAGE 1 MAST 3.6M	
2	LM1-223-03	1	STAGE 2 MAST 3.6M	
3	LM1-24-00	1	STAGE 3 MAST COMMON	

Table 57: LM1-21-10 3.1M MAST ASSEMBLY - MAIN PARTS - BOM:

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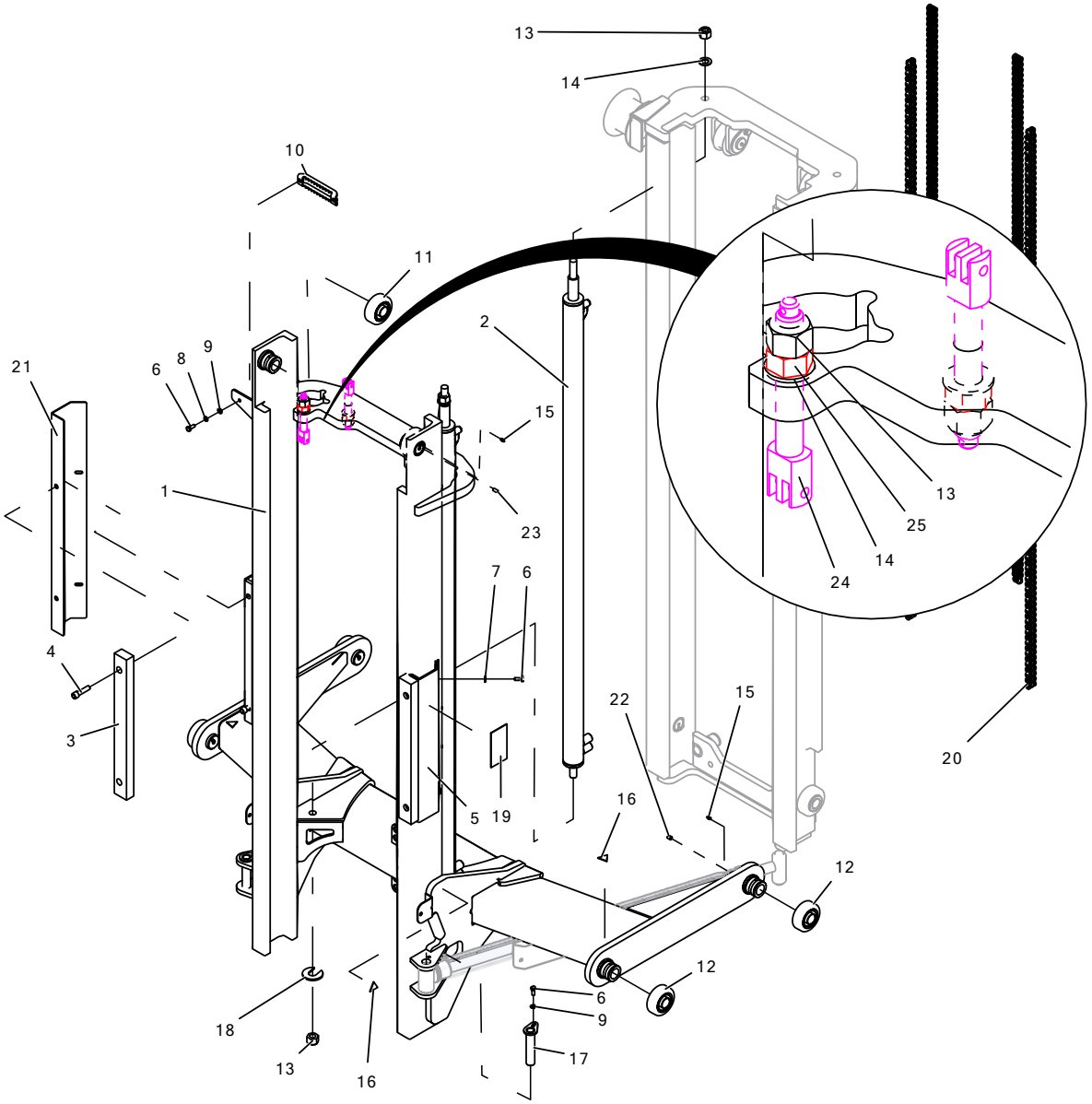


Figure 124: LM1-232-50 STAGE 1 MAST 3.6M

	PART NUMBER	QTY	Description	NOTES
1	LM1-232-60	1	STAGE 1 3.6M MAST WELD ASSEMBLY	
2	LM1-210-53	2	3.6M LIFT CYLINDER	
3	LM1-200-02	2	TRAILER PAD	
4	XSC12035Z	4	M12x35 CAP HEAD SCREW 8.8	
5	LM1-219-00	1	MAST PIPE CASING LHS	
6	XS08020Z	8	M8 X 20 HEX HEAD SCREW 8.8	
7	XW08CZB	4	M8 FORM C WASHER	
8	XW08SZB	2	M8 SPRING WASHER	
9	XW08AZ	4	M8 FORM A WASHER	
10	LM1-224-00	1	HYDRAULIC HOSE CLAMP	
11	YBEARING20	2	TAPERED MAST BEARING	
12	YBEARING19	4	PARALLEL MAST BEARING	
13	XN20N	8	M20 NYLOC NUT	
14	XW20AZ	6	M20 FORM A WASHER	
15	YGN0600	6	M6 GREASE NIPPLE STRAIGHT	
16	LM1-901-32	4	DECAL - WARNING PINCH POINT	
17	LM1-217-00	2	PIN ASSEMBLY	
18	LM1-200-07	2	SPACER	
19	LM1-901-13	2	DECAL - NO STAND UNDER/ON FORKS	
20	YCHAINKIT2	1	3.6 MAST CHAIN KIT	
21	LM1-218-00	1	MAST PIPE CASING RHS	
22	XG10040	4	M10 X 40 GRUB SCREW	
23	XG10020	2	M10 X 20 GRUB SCREW	
24	YCHAINBOLT1	4	CHAIN BOLT P.N.BL0644XB3	
25	YCHAINBOLT1 NUT	4	M20 NUT – PART OF YCHAINBOLT1	

Table 58: LM1-232-50 STAGE 1 MAST 3.6M - BOM

CHAPTER4.6: YCHAINKIT2

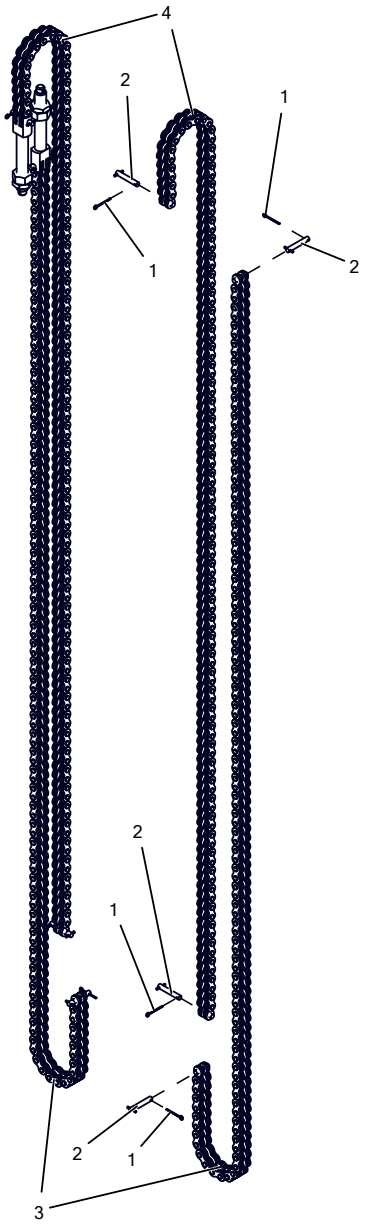


Figure 125: YCHAINKIT2

ITEM	PART NUMBER	Qty	DESCRIPTION	NOTES
1	XSP02032Z	8	SPLIT PIN	
2	YCHAINPIN1	8	PIN FOR YCHAINBOLT1 (BL344) - SHORT	
3	CHAIN C 61 LINKS	2	CHAIN C 61 LINKS	
4	CHAIN D 62 LINKS	1	CHAIN D 62 LINKS	

Table 59: YCHAINKIT2 BOM

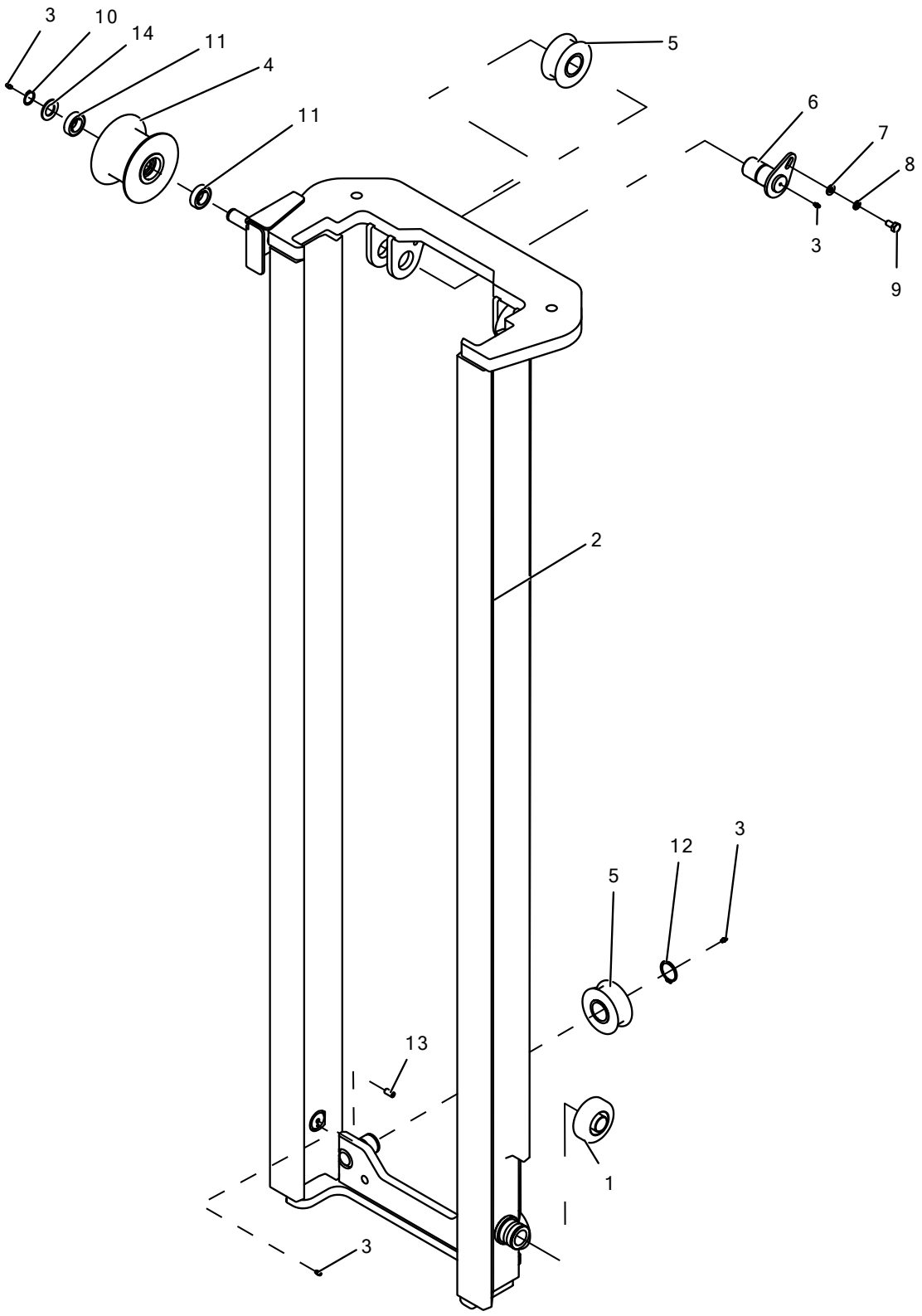


Figure 126: LM1-223-03 STAGE 2 MAST 3.6M

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YBEARING19	2	PARALLEL MAST BEARING	
2	LM1-223-02	1	STAGE 2 3.6M MAST WA	
3	YGN0600	7	YGN0600 GREASE NIPPLE	
4	LM1-204-01	1	MAST HOSE ROLLER 6-BERTH	FOR ALTERNATIVE 8-BERTH HOSE ROLLER USE LM1-204-02
5	YROLLER1	4	MAST CHAIN ROLLER	
6	LM1-206-00	2	CHAIN ROLLER PIN ASSY	
7	XW10AZ	2	M10 FORM A WASHER	
8	XW10SZ	2	M10 SPRING WASHER	
9	XS10020Z	2	M10 X 20 HEX HEAD SCREW 8.8	
10	YCIRCLIP5	1	25.0 SHAFT EXTERNAL CIRCLIP	
11	YBEARING18	2	HOSE ROLLER BEARING	
12	YCIRCLIP6	2	40.0 SHAFT EXTERNAL CIRCLIP	
13	XG10020	2	M10 X 20 GRUB SCREW	
14	XW24BZ	1	M24 FORM A WASHER	

Table 60: LM1-205-00 STAGE 2 MAST 3.6M - BOM

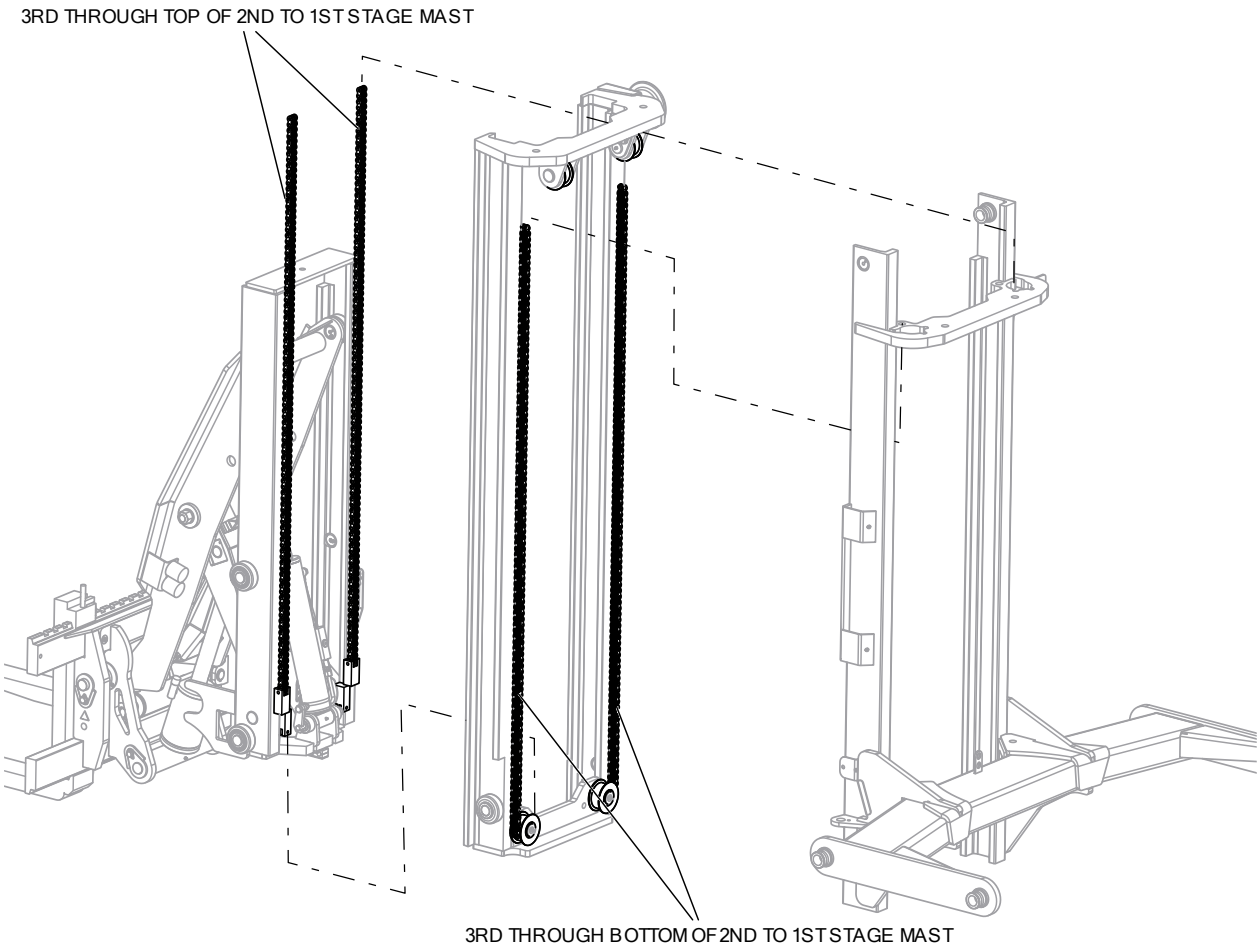


Figure 127: LM1-21-10 YCHAINKIT2 ARRANGEMENT

CHAPTER4.7: 3.6M MAST STAGES 1 AND 2 - HYDRAULICS

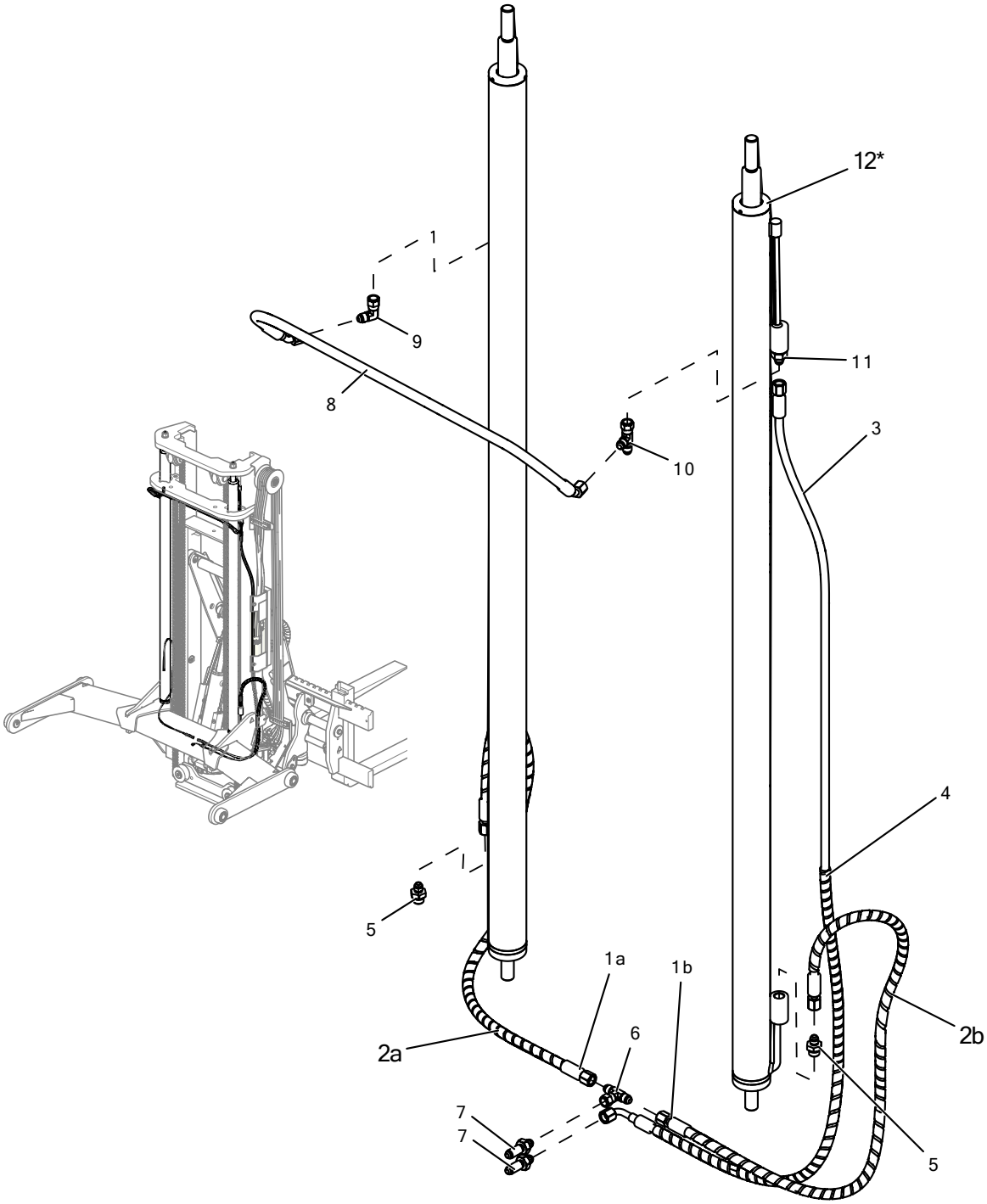


Figure 128:3.6M LIFT CYLINDER HOSE DETAIL JIC

ITEM	PART NUMBER	QTY	Description	NOTES
1a	LM1-700-344 [179-184]	1	HYDRAULIC HOSE	
1b	LM1-700-344 [177-182]	1	HYDRAULIC HOSE	
2a	LM1-700-344 [179-184] HOSE SPIRAL WRAP	1	HOSE SPIRAL WRAP	
2b	LM1-700-344 [177-182] HOSE SPIRAL WRAP	1	HOSE SPIRAL WRAP	
3	LM1-700-347 [178-180]	1	HYDRAULIC HOSE	
4	LM1-700-346 [178-180] HOSE SPIRAL WRAP	1	HOSE SPIRAL WRAP	
5	YHAR-2MM-3-8-9-16J	2	3/8" BSP M TO 9/16"J M W/ SEAL & 2MM RESTRICTOR	
6	YHT9-16JMMF	1	9/16J-18 TEE MFM MALE ON BRANCH	
7	YHB9.16J	2		
8	LM1-700-345 [181-183]	1	HYDRAULIC HOSE	
9	YHA9.16JMFE	1	9/16J-18 MF SWIVLE ELBOW	
10	YHT9-16JMFM	1	9/16J-18 TEE MFM MALE ON BRANCH	
11	YHA3.8-9.16J	2	3/8" BSP M W/ SEAL TO 9/16J-18 M	
12*	YSEALKIT6	1	SEALKIT FOR 50/30 CYLINDER	

Table 61: 3.6M LIFT CYLINDER HOSE DETAIL JIC - BOM

CHAPTER4.8: STAGE 3 MAST COMMON

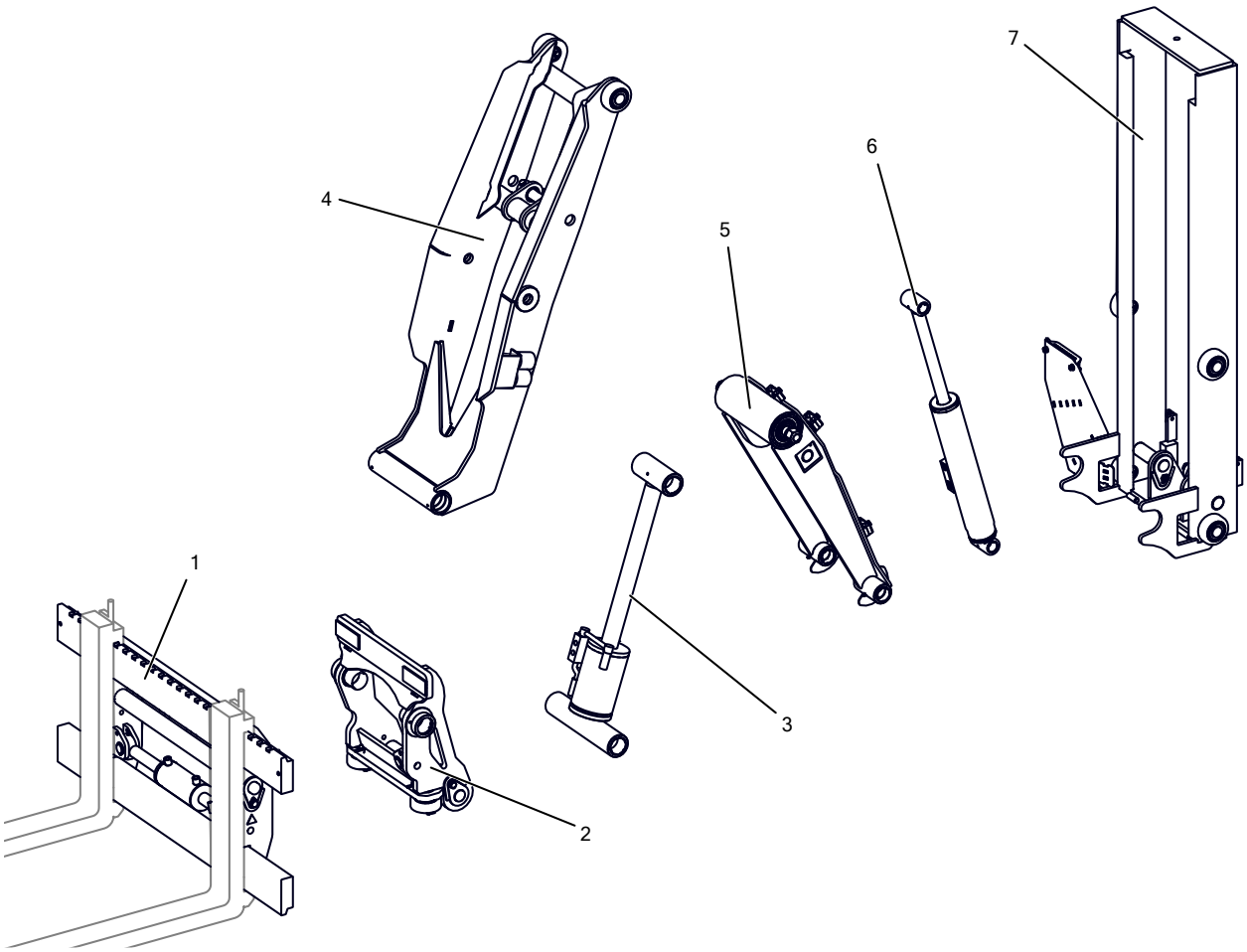


Figure 129: LM1-24-00 STAGE 3 MAST COMMON

ITEM	QTY	DESCRIPTION	NOTES
1	1	FORK CARRIAGE PARTS	
1	1	TILT CARRIAGE PARTS	
3	1	TILT CYLINDER PARTS	
4	1	LONG ISR PARTS	
5	1	SHORT ISR PARTS	
6	1	ISR REACH CYCLINDER PARTS	
7	1	3RD STAGE MAST BODY	

Table 62: LM1-24-00 STAGE 3 MAST COMMON - BOM

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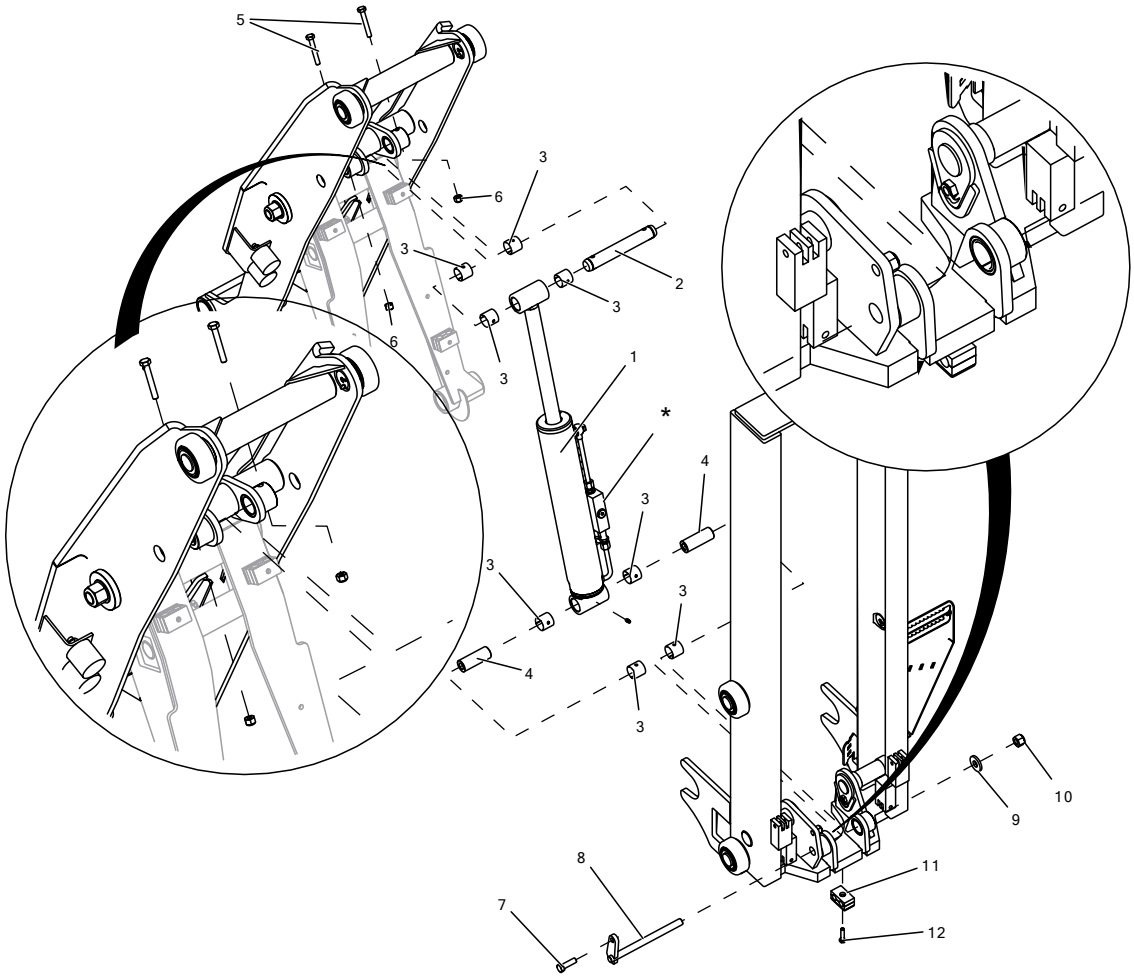


Figure 130: LM1-24-00 3RD STAGE BODY TO LONG LINK ISR

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-210-14	1	ISR REACH CYLINDER	
2	LM1-230-08	1	PIN - ISR CYLINDER	
3	YBUSH7	8	DX BUSH	
4	LM1-230-05	2	SPACER	
5	XS10070Z	2	M10 X 70 HEX HEAD SCREW 8.8	
6	XN10N	2	M10 NYLOC NUT	
7	XS12040Z	1	M12 X 40 HEX HEAD SCREW 8.8	
8	LM1-230-14	1	ISR LOWER PIN SECURING BOLT ASSY	
9	LM1-230-20	1	SPACER	
10	XN16N	1	M16 NYLOC NUT	
11	YPCT15	1	PIPE CLIP BASE 15MM	
12	XS08035Z	1	M8 X 35 HEX HEAD SCREW 8.8	
*	VALVE BLOCK	1	REMOVE VALVE BLOCK FROM LM1-210-14 AND REPLACE WITH LM1-210-47	

Table 63: LM1-24-00 3RD STAGE BODY TO LONG LINK ISR - BOM

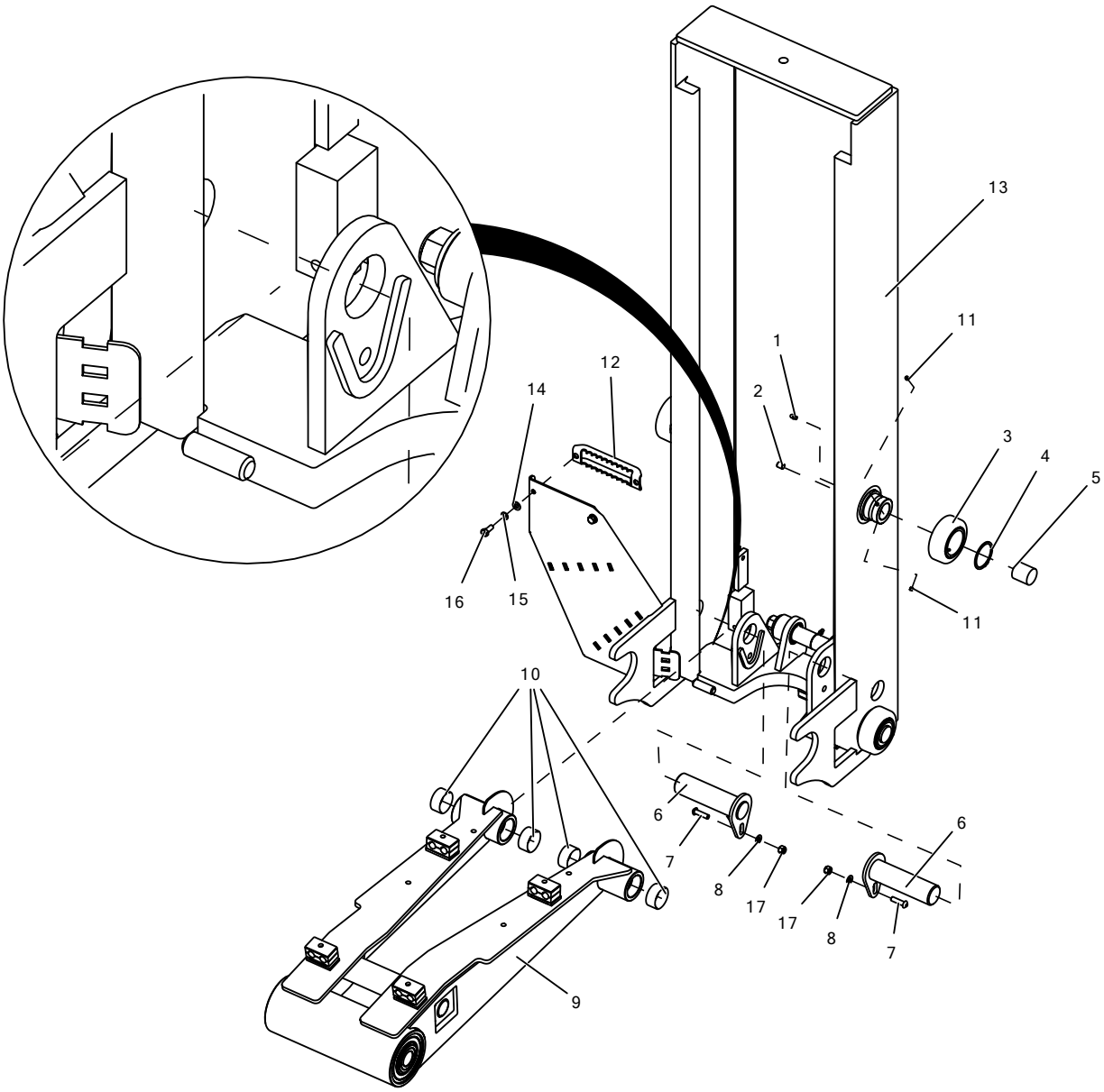


Figure 131: LM1-24-00 3RD STAGE BODY TO SHORT LINK ISR

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YGN0800	4	M8 GREASE NIPPLE	
2	XG10012	4	M10 X 12 GRUB SCREW	
3	YBEARING20	4	TAPERED MAST BEARING	
4	YBEARING20CIRCLIP	4	YBEARING20 CIRCLIP	
5	YBEARING20WEARPAD	4	YBEARING20 WEARPAD	
6	LM1-215-00	2	ISR SHORTLINK ARM PIN	
9	LM1-208-00	1	LONG LINK ISR ARM WA	
10	YBUSH6	4	BUSH	
11	XG06005Z	2	M6 X 5 GRUB SCREW	
12	LM1-224-00	1	HOSE CLAMP WA	
13	LM1-207-00	1	STAGE 3 MAST WA	
14	XW08AZ	2	M8 FORM A WASHER	
15	XW08SZB	2	M8 SPRING WASHER	
16	XS08020Z	2	M8 X 20 HEX HEAD SCREW 8.8	
17	XBUT08030SKTZB	2	M8 X 30 BUTTON HEAD SCREW	
18	XW08AZ	2	M8 FORM A WASHER	
19	XN08N	2	M8 NYLOC NUT	

Table 64: LM1-24-00 3RD STAGE BODY TO SHORT LINK ISR - BOM

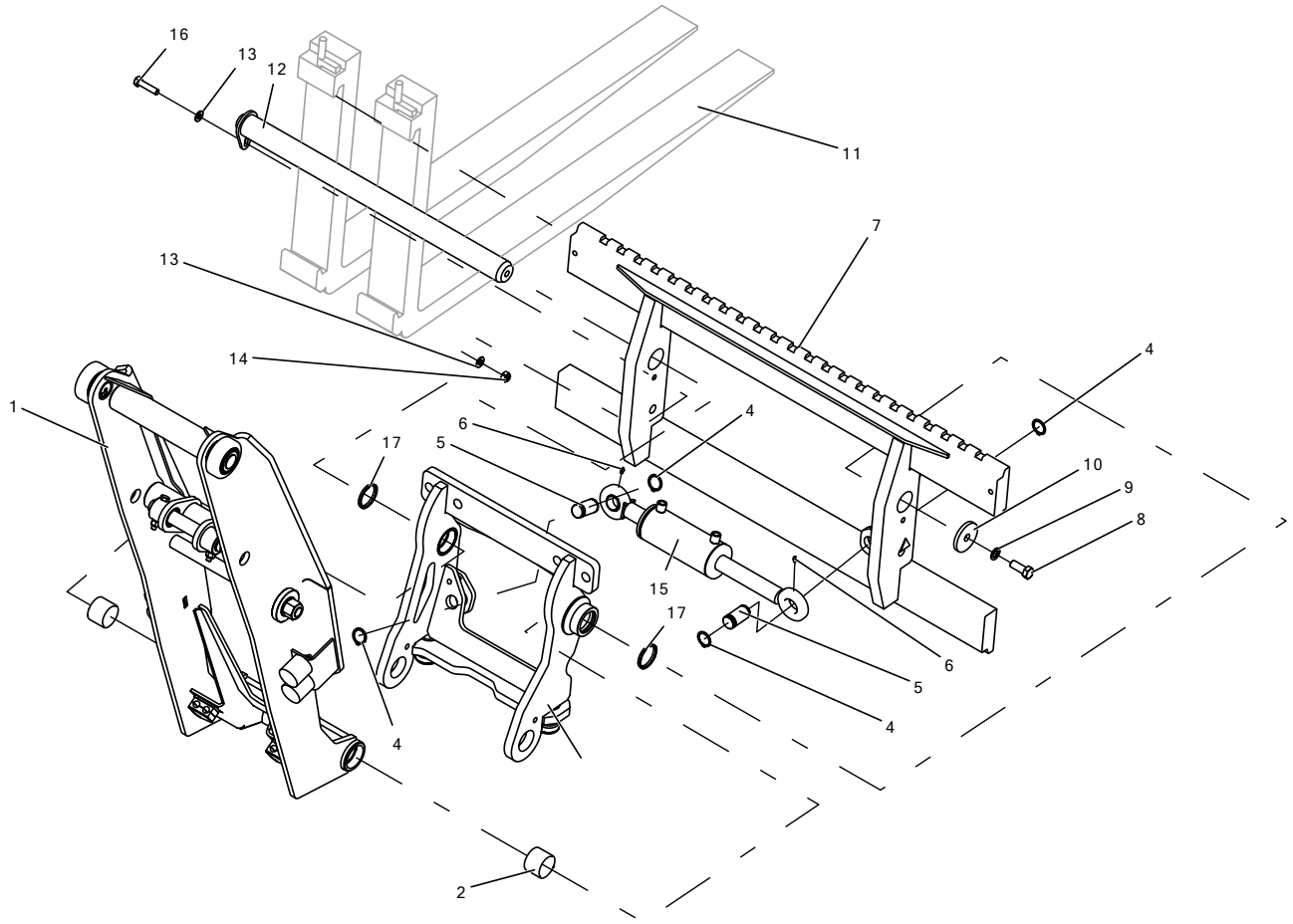


Figure 132: LM1-24-00 FORK CARRIAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-208-00	1	LONG LINK ISR ARM WA	
2	YBUSH5	2	TILT RAM & FORK CARRIAGE DX BUSH	
4	YCIRCLIP13	4	30MM EXT. CIRCLIP	
5	LM1-217-05	2	SIDE SHIFT PIN	
6	YGN0600	2	M6 GREASE NIPPLE	
7	LM1-212-00	1	FORK CARRIAGE WA	
8	XS16040Z	1	M16 X 40 HEX HEAD SCREW 8.8	
9	XW16SZ	1	M16 SPRING WASHER	
10	LM1-210-12	1	RETAINING WASHER	
11	YFORK2	2	FORK 1200x50	
12	LM1-213-00	1	FORK CARRIAGE SLIDE PIN	
13	XW12AZ	2	M12 FORM A WASHER	
14	XN12N	1	M12 NYLOC NUT	
15	LM1-210-09	1	SIDE SHIFT CYLINDER	
16	XS12050Z	1	M12 X 50 HEX HEAD SCREW 8.8	
17	YWIPSEAL1	2	WIPER SEAL	

Table 65: LM1-24-00 FORK CARRIAGE – BOM

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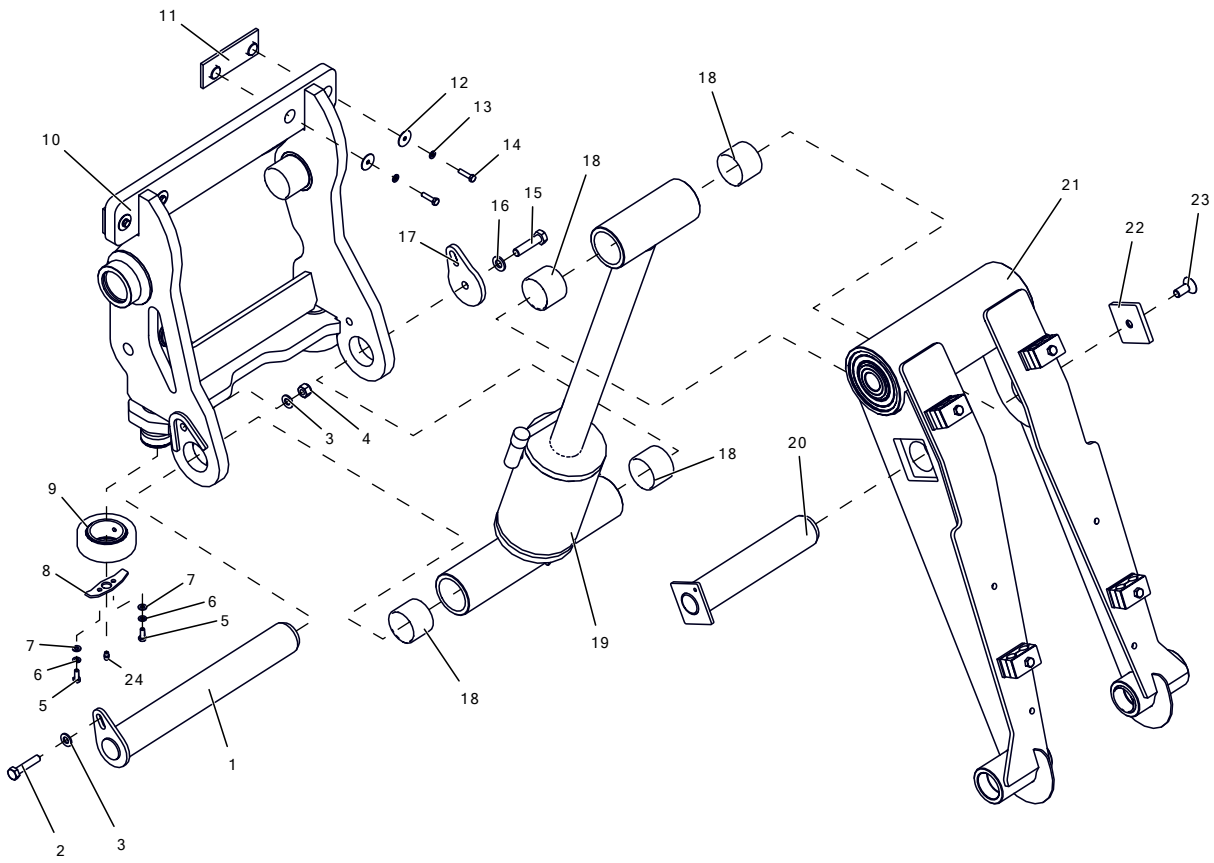


Figure 133: LM1-24-00 SHORT ISR TO TILT CARRIAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-214-00	1	PIN ASSEMBLY – TILT CYLINDER BOTTOM	
2	XS10050Z	1	M10 X 50 HEX HEAD SCREW 8.8	
3	XW10AZ	2	M10 FORM A WASHER	
4	XN10N	1	M10 NYLOC NUT	
5	XS06016Z	4	M6 X 16 HEX HEAD SCREW 8.8	
6	XW06SZ	4	M6 SPRING WASHER	
7	XW06AZ	4	M6 FORM A WASHER	
8	LM2-200-22	2	KEEPER PLATE - CARRIAGE ROLLERS	
9	YBEARING19	2	STRAIGHT BEARING	
10	LM1-211-50	1	TILT FRAME	
11	YPAD1	2	WEAR PAD	
12	XW06RPZ	6	M6 REPAIR WASHER	
13	XW06SZ	6	M6 SPRING WASHER	
14	XS06025Z	6	M6 X 25 HEX HEAD SCREW 8.8	
15	XS12050Z	1	M12 X 50 HEX HEAD SCREW 8.8	
16	XW12AZ	1	M12 FORM A WASHER	
17	LM1-210-01	1	RETAINING WASHER	
18	YBUSH5	4	DX BUSH	
19	LM1-210-03	1	TILT CYLINDER	
20	LM1-216-00	1	SHORT LINK ISR ARM PIN ASSEMBLY	
21	LM1-209-00	1	SHORT LINK ISR ARM	
22	LM1-220-00	1	SHORT LINK ISR SQUARE RETAINING WASHER	
23	XSK12030SKTZ	1	M12 X 30 CSUNK SCREW 8.8	
24	YGN0600	2	M6 GREASE NIPPLE	

Table 66: LM1-24-00 SHORT ISR TO TILT CARRIAGE - BOM

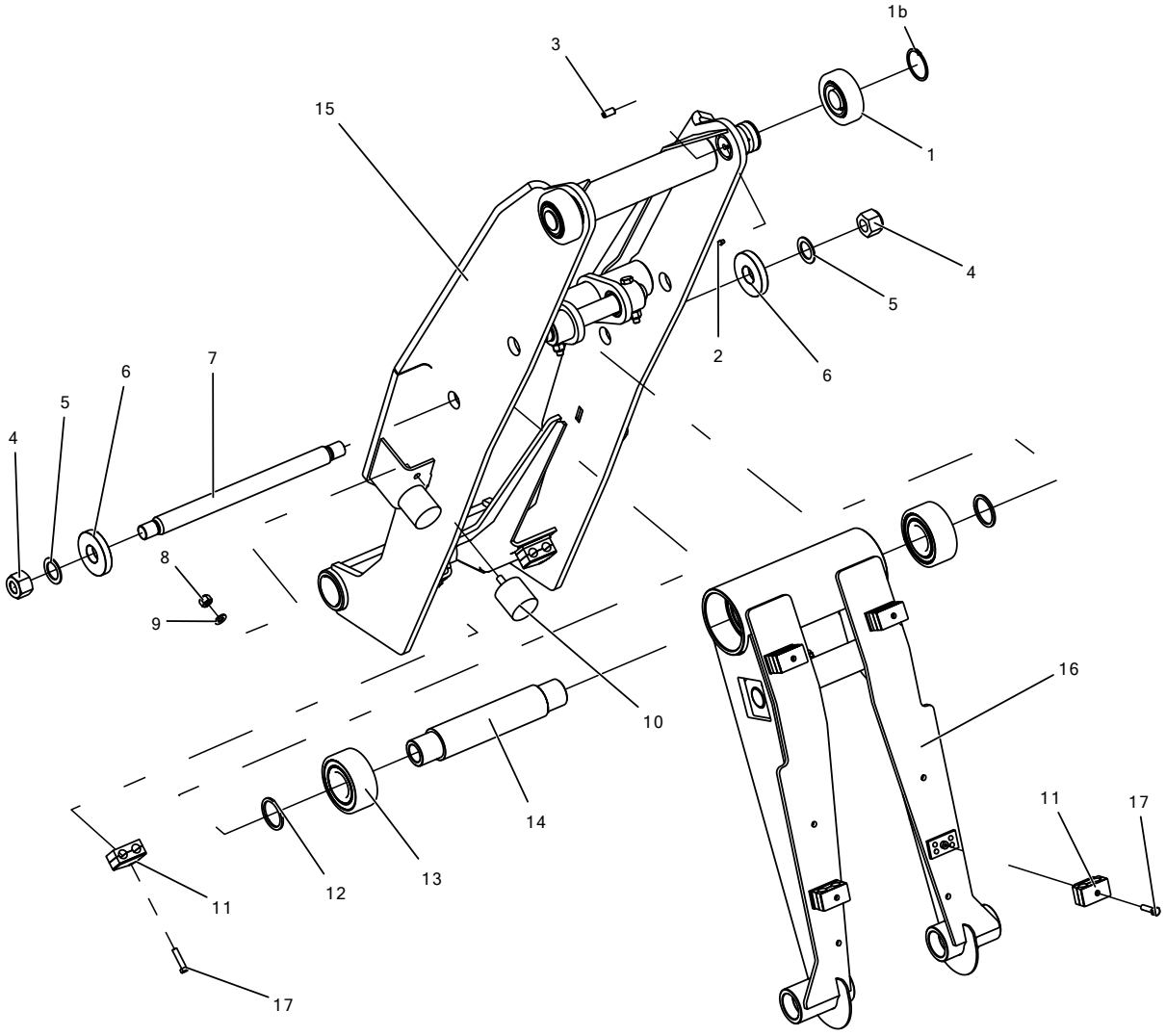


Figure 134: LM1-24-00 LONG ISR TO SHORT ISR

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YBEARING19	2	STRAIGHT MAST BEARING SET	
1b	YBEARING19CIRCLIP	2	CIRCLIP FOR YBEARING19	
2	YGN0600	2	GREASE NIPPLE	
3	XG10020Z	2	M10 X 20 GRUB SCREW	
4	XN24NFINE	2	M12 FINE NYLOC NUT	
5	LM2-209-04	2	ISR PIVOT WASHER	
6	LM1-221-14	2	BOSS - LONG PANTOGRAPH ARM	
7	LM2-209-02	1	SPINDLE - PANTOGRAPH PIVOT	
8	XN10N	4	M10 NYLOC NUT	
9	XW10Z	4	M10 FORM A WASHER	
10	YBUFFER4	4	50X50 RUBBER BUFFER	
11	YPCT15	6	HOSE CLAMP TOP PIECE	
12	LM2-209-01	2	SPACER - PIVOT BEARING	
13	YBEARING21	2	DOUBLE ROW ANGULAR CONTACT BEARING	
14	LM2-209-00	1	X-TUBE - PANTOGRAPH PIVOT	
15	LM1-208-00	1	LONG LINK ARM	
16	LM1-209-00	1	SHORT LINK ARM	
17	XS080035Z	4	M8 X 35 HEX HEAD SCREW 8.8	

Table 67: LM1-24-00 LONG ISR TO SHORT ISR - BOM

CHAPTER4.9: STAGE 3 MAST COMMON - HYDRAULICS

CHAPTER4.10: TILT CYLINDER WITH HOSE CONNECTIONS

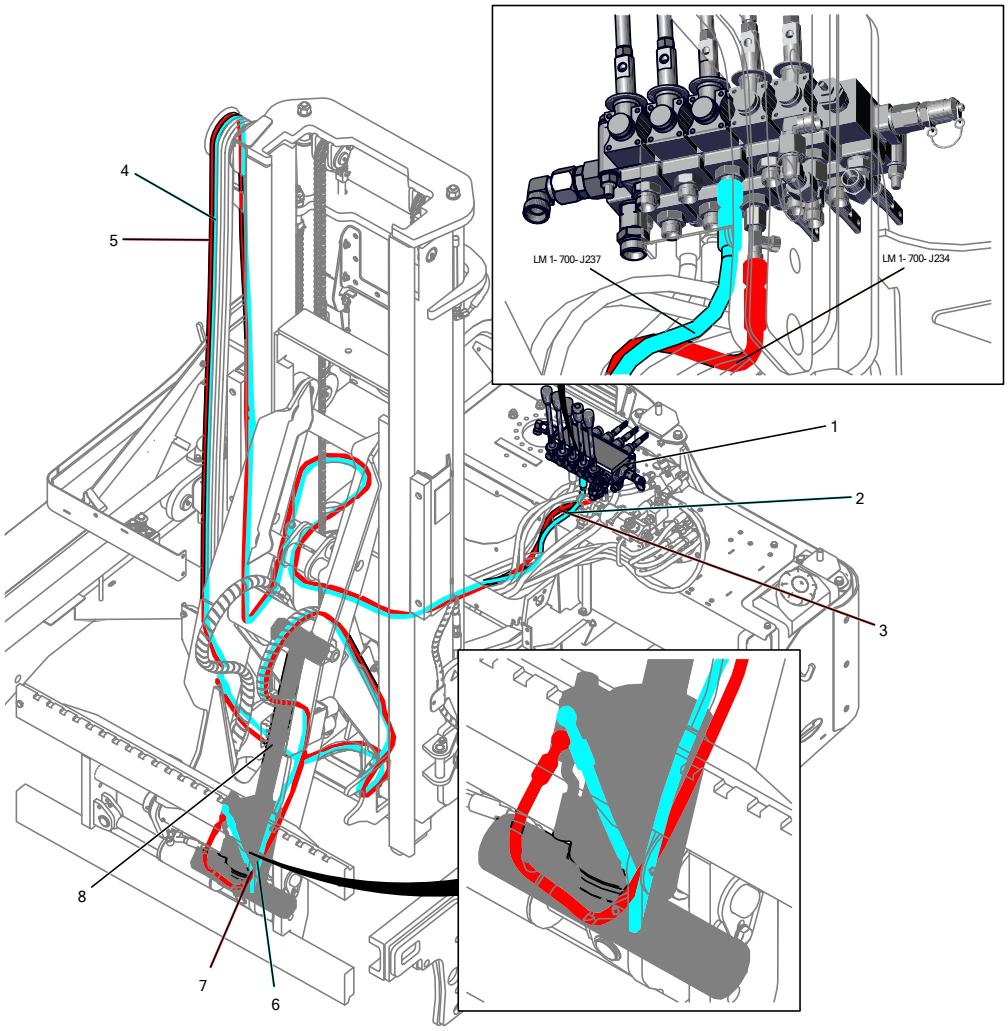


Figure 135: TILT CYLINDER HOSE CONNECTIONS ARRANGEMENT

ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC EQUIVALENT
1	YLEVER1	1	LEVER BANK	-
2	LM1-700-J237	1	LEVER BANK TO MAST HOSE	LM1-700-M237
3	LM1-700-J237	1	LEVER BANK TO MAST HOSE	LM1-700-M237
4	3.1M MAST: LM1-700-176 [98-153] 3.6M MAST: LM1-700-179 [98-153]	1	MAST ROLLER HOSE	LM1-700-076 LM1-700-079
5	3.1M MAST: LM1-700-176 [96-151] 3.6M MAST: LM1-700-179 [96-151]	1	MAST ROLLER HOSE	LM1-700-076 LM1-700-079
6	LM1-700-170 [95-152]	1	TILT CYLINDER TOP TO 3RD STAGE MAST HOSE JUNCTION	LM1-700-052
7	LM1-700-170 [97-150]	1	TILT CYLINDER BOTTOM TO 3RD STAGE MAST HOSE JUNCTION	LM1-700-050
8	LM1-210-03	1	TILT CYLINDER	-

Table 68: TILT CYLINDER HOSE CONNECTIONS ARRANGEMENT - BOM

CHAPTER4.11: ISR CYLINDER WITH HOSE CONNECTIONS

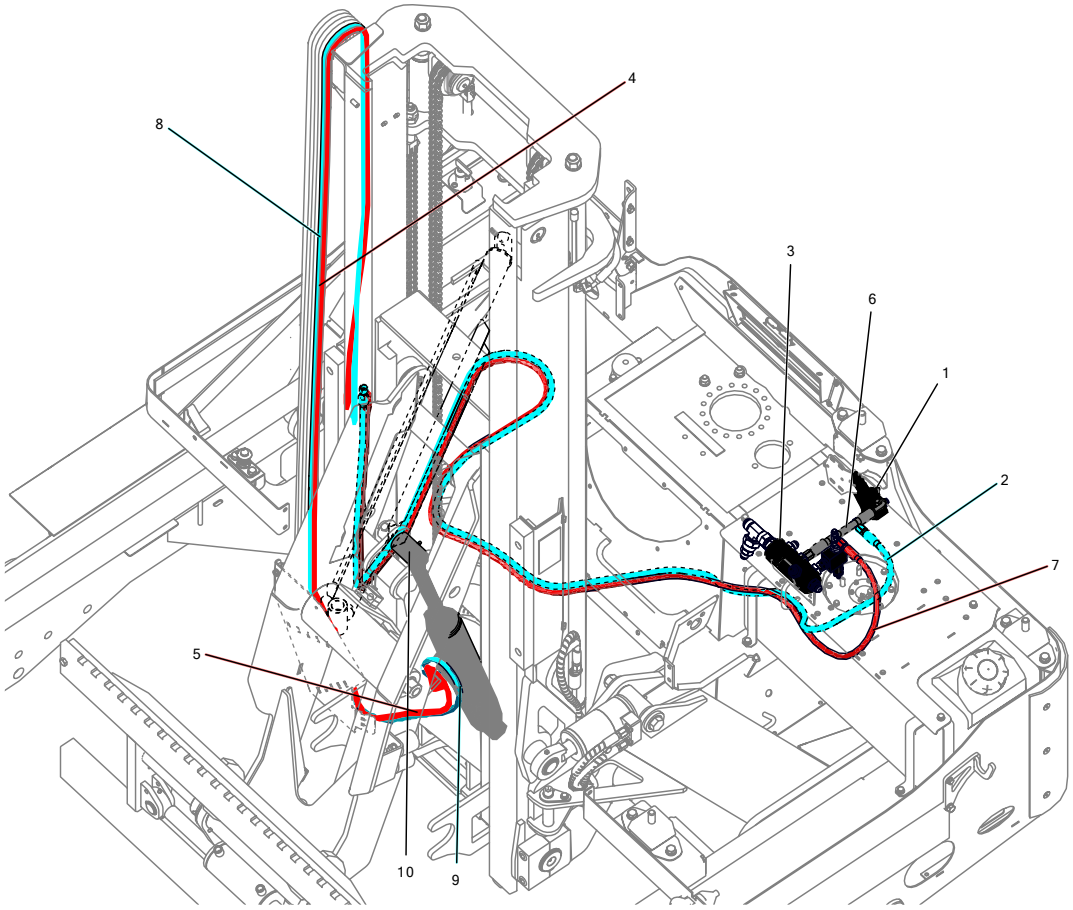


Figure 136: ISR CYLINDER HOSE CONNECTIONS ARRANGEMENT

ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC EQUIVALENT
1	YVALVE15	1	ISR RELIEF VALVE	-
2	LM1-700-J236	1	HOSE – YVALVE15 TO MAST	LM1-700-M236
3	LM1-711-10	1	6 PORT RETURN MANIFOLD	-
4	3.1M MAST: LM1-700-176 [173-106] 3.6M MAST: LM1-700-179 [173-106]	1	MAST ROLLER HOSE	LM1-700-076 LM1-700-079
5	LM1-700-180 [105-174]	1	ISR CYLINDER BOTTOM TO 3RD STAGE MAST HOSE JUNCTION	LM1-700-080
6	LM1-700-J243	1	YVALVE15 TO LM1-711-10 HOSE	LM1-700-M243
7	LM1-700-J235	1	YVALVE15 TO MAST HOSE	LM1-700-M235
8	3.1M MAST: LM1-700-176 [171-104] 3.6M MAST: LM1-700-179 [171-104]	1	MAST ROLLER HOSE	LM1-700-076 LM1-700-079
9	LM1-700-180 [103-172]	1	ISR CYLINDER TOP TO 3RD STAGE MAST HOSE JUNCTION	LM1-700-080
10	LM1-210-14	1	ISR REACH CYLINDER	-

Table 69: ISR CYLINDER HOSE CONNECTIONS ARRANGEMENT - BOM

CHAPTER4.12: SIDE SHIFT CYLINDER WITH HOSE CONNECTIONS

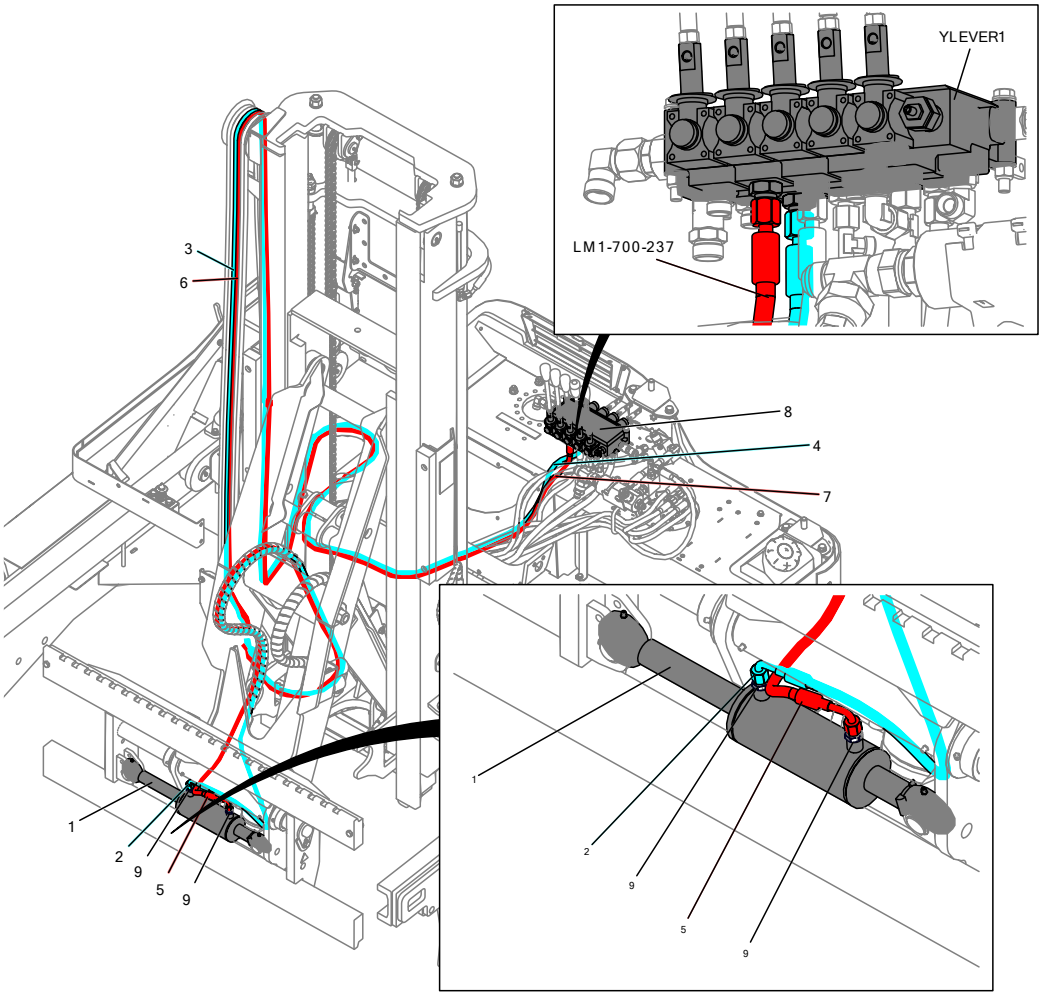


Figure 137: SIDESHIFT CYLINDER HOSE CONNECTIONS ARRANGEMENT

ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC EQUIVALENT
1	LM1-210-09	1	SIDESHIFT CYLINDER	-
2	LM1-700-173 [99-156]	1	SIDE SHIFT CYLINDER TOP TO 3RD STAGE MAST HOSE JUNCTION	LM1-700-073
3	3.1M MAST: LM1-700-176 [100-157] 3.6M MAST: LM1-700-179 [100-157]	1	MAST ROLLER HOSE	LM1-700-076 LM1-700-079
4	LM1-700-J237	1	LEVER BANK TO MAST HOSE	LM1-700-M237
5	LM1-700-174 [101-154]	1	SIDE SHIFT CYLINDER BOTTOM TO 3RD STAGE MAST HOSE JUNCTION	LM1-700-074
6	3.1M MAST: LM1-700-176 [102-155] 3.6M MAST: LM1-700-179 [102-155]	1	MAST ROLLER HOSE	LM1-700-076 LM1-700-079
7	LM1-700-J237	1	LEVER BANK TO MAST HOSES	LM1-700-M237
8	YLEVER1	1	LEVER BANK	-
9	YHA1/4-9/16J	2	1/4"BSP-9/16"JIC ADAPTOR	YHA1/4-8L

Table 70: SIDESHIFT CYLINDER HOSE CONNECTIONS ARRANGEMENT - BOM

CHAPTER4.13: 3.1M CAM MAST

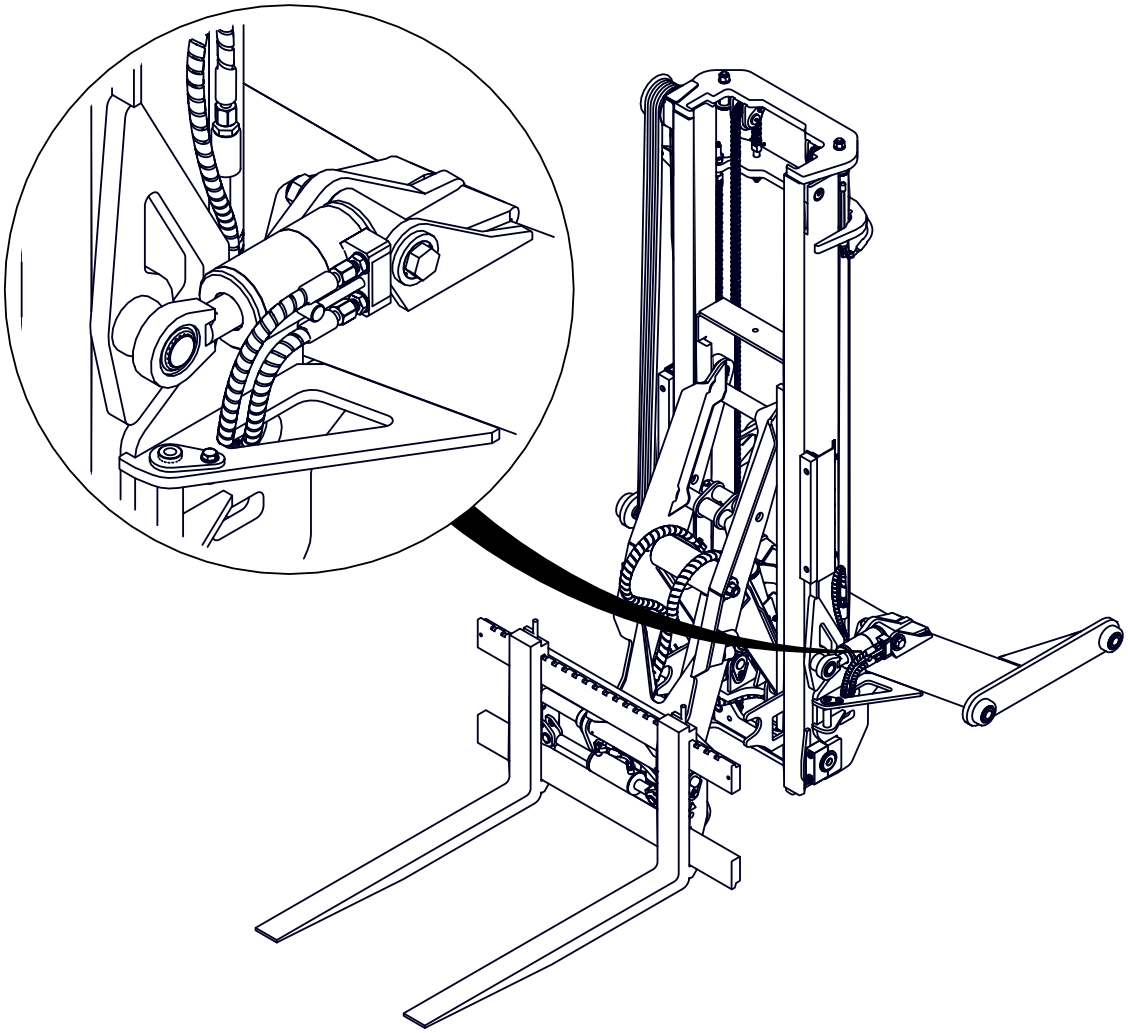
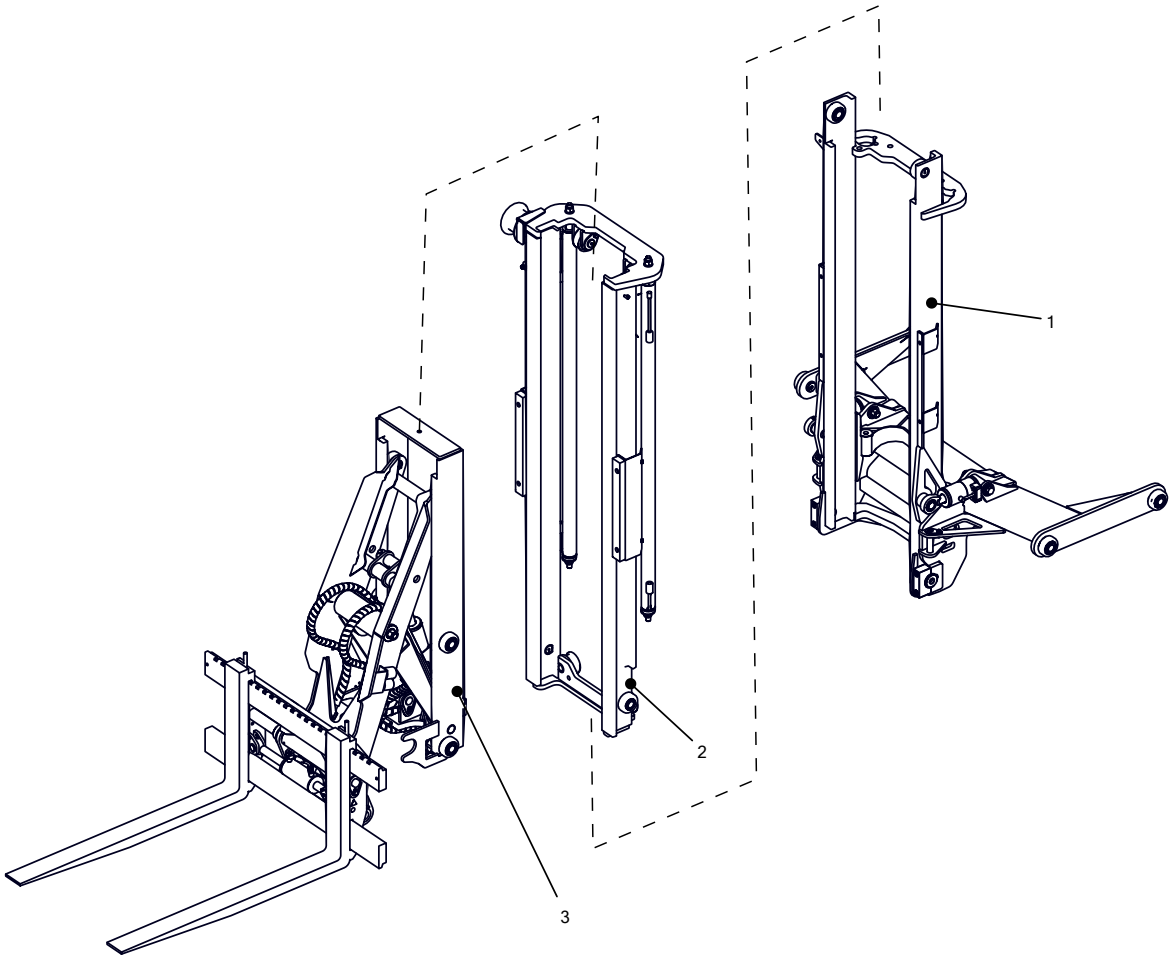


Figure 138: 3.1M CAM MAST



ITEM	Description	Qty
1	1ST STAGE 3.1M CAM	1
2	2ND STAGE 3.1M (CHAPTER 4.1)	1
3	3RD STAGE COMMON (CHAPTER 4.8)	1

Figure 139: 3.1M CAM MAST MAIN COMPONENTS

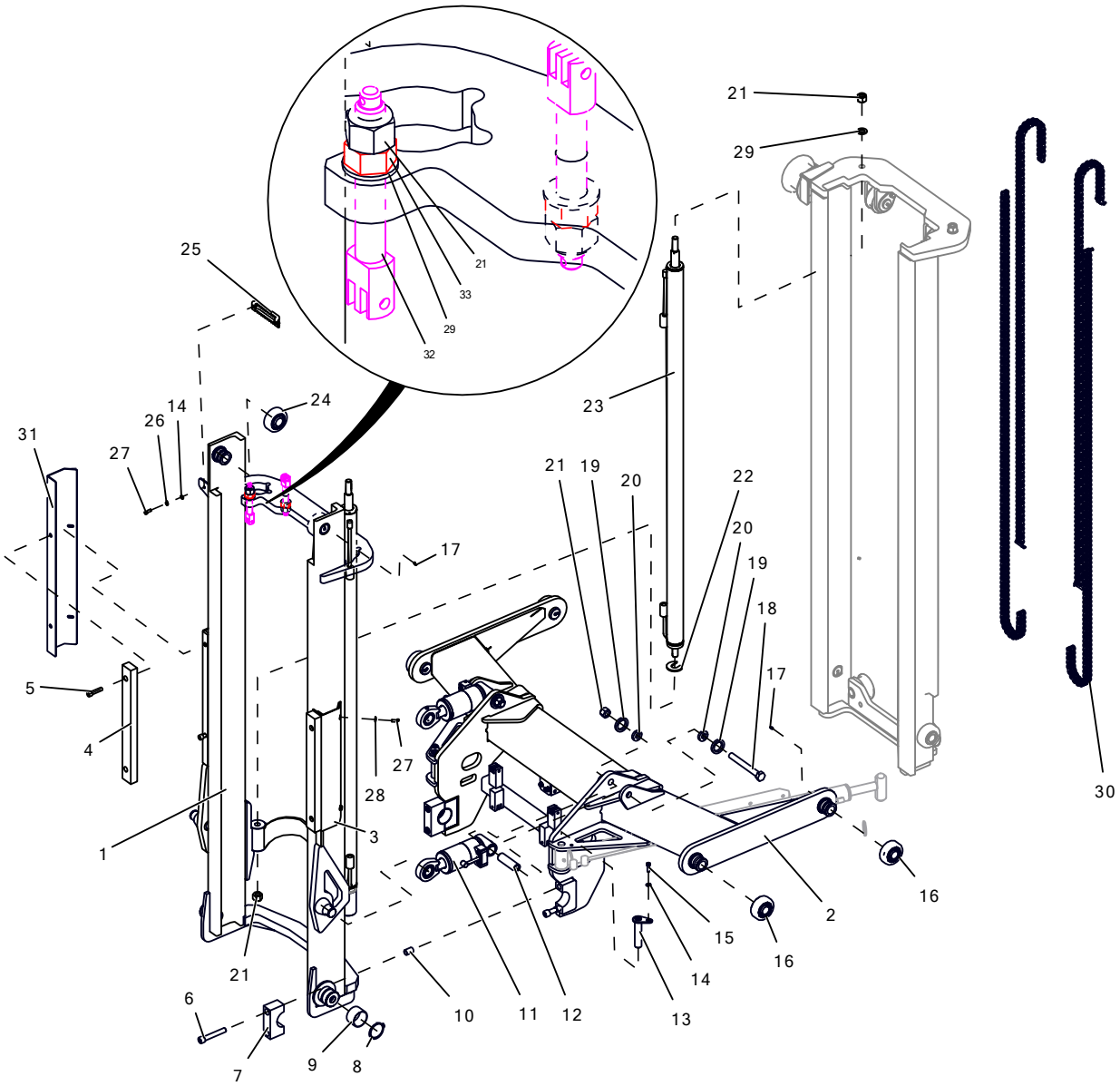


Figure 140: LM1-202-95 1ST STAGE CAM 3.1M

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-202-70	1	STAGE 2-MAST CAM 3.1M W-A	
2	LM1-203-70	1	STAGE 2-CARRAGE CAM 3.1 W-A	
3	LM1-219-00	1	MAST PIPE CASING	
4	LM1-200-02	2	TRAILER PAD	
5	XSC12050Z	4	M12x50 SKT CAP SCREW 8.8	
6	XS16100Z	4	M16X100 SKT CAP HEAD SCREW 12.9	
7	LM1-203-74	2	SPLIT BEARING - UPPER	
8	YCIRCLIP12	2	60.0 SHAFT EXTERNAL CIRCLIP DIN471	
9	YBUSH21	2	CAM MAST DX BUSH	
10	YDOWEL1	4	HOLLOW DOWEL	
11	LM1-210-13	2	TILT MAST CYLINDER	
12	LM1-203-96	2	BUSH - TILT CYLINDER BASE	
13	LM1-217-70	2	CARRIAGE PIN W-A	
14	XW08AZ	4	M8 FORM A WASHER	
15	XB08030Z	2	M8 X 30 HEX HEAD SCREW 8.8	
16	YBEARING19	4	PARALLEL MAST BEARING SET	
17	YGN0600	5	YGN0600 GREASE NIPPLE	
18	XB20170Z-10.9	2	M20 X 170 HEX HEAD BOLT 10.9	
19	LM1-203-103	4	RING - CYLINDER MOUNT	
20	LM1-203-104	4	ECCENTRIC CYLINDER MOUNT	
21	XN20N	10	M20 NYLOC NUT	
22	LM1-200-07	2	SPACER	
23	LM1-210-52	2	UNIVERSAL LIFT CYLINDER 3.1m	
24	YBEARING20	2	TAPERED MAST BEARING SET	
25	LM1-224-00	1	HYDRAULIC HOSE CLAMP	
26	XW08SZ	2	M8 SPRING WASHER	
27	XS08020Z	6	M8 X 20 HEX HEAD SCREW 8.8	
28	XW08CZ	4	M8 FORM C WASHER	
29	XW20AZ	6	M20 FORM A WASHER	
30	YCHAINKIT1	1	3.1 MAST CHAIN KIT	
31	LM1-218-00	1	TRAILER PAD MOUNT	
32	YCHAINBOLT1	4	CHAIN BOLT P.N.BL0644XB3	
33	YCHAINBOLT1 NUT	4	M20 NUT - PART OF YCHAINBOLT1	

Table 71: LM1-202-95 1ST STAGE CAM BOM

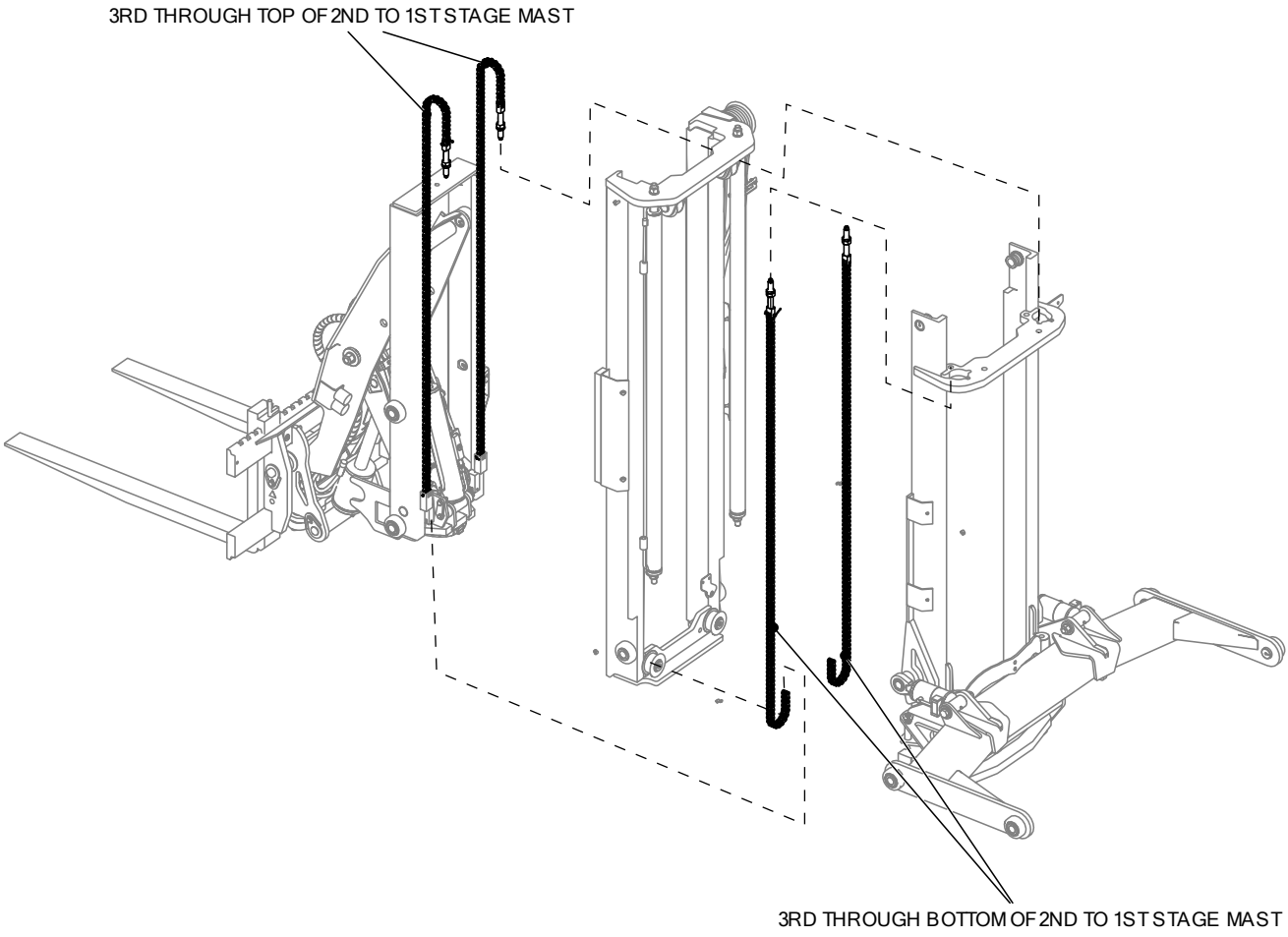


Table 72: CHAINKITS ON CAM MAST

CHAPTER4.14: 3.1M CAM MAST STAGES 1 AND 2 HYDRAULICS

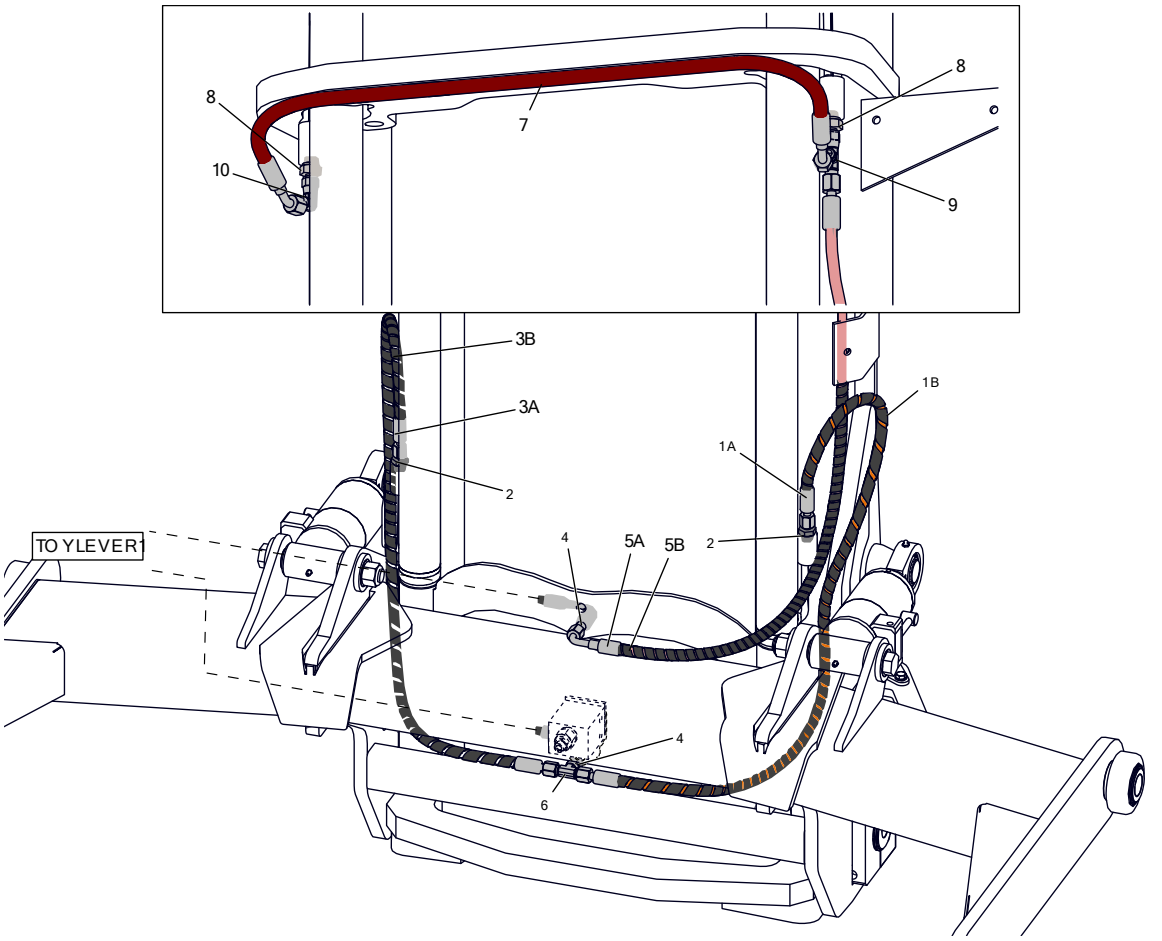


Figure 141: 3.1M CAM MAST LIFT CYLINDER HOSE DETAIL

ITEM	PART NUMBER	Qty	DESCRIPTION	NOTES
1A	LM1-700-344 [177-182] CAM SETUP	1	HOSE	
1B	LM1-700-344 [177-182] SPIRAL WRAP CAM SETUP	1	SPIRAL WRAP	
2	YHAR-2MM-3-8-9-16J	2	3/8" BSP M TO 9/16"J M W/ SEAL & 2MM RESTRICTOR	
3A	LM1-700-344 [179-184] CAM SETUP	1	HOSE	
3B	LM1-700-344 [179-184] HOSE CAM SIRAL WRAP	1	SPIRAL WRAP	
4	YHB9.16J	2	9/16"JIC BULKHEAD C/W LOCKNUT	
5A	LM1-700-359 [178-180]	1	HOSE	
5B	LM1-700-359 [178-180] HOSE SPIRAL WRAP	1	SPIRAL WRAP	
6	YHT9-16JMMF	1	9/16J-18 TEE MFM MALE ON BRANCH	
7	LM1-700-345 [181-183]	1	HOSE	
8	YHA3.8-9.16J	2	3/8" BSP M W/ SEAL TO 9/16J-18 M	
9	YHT9-16JMFM	1	9/16J-18 TEE MFM MALE ON BRANCH	
10	YHA9.16JMFE	1	9/16J-18 MF SWIVLE ELBOW	

Table 73: 3.1M CAM MAST LIFT CYLINDER HOSE DETAIL BOM

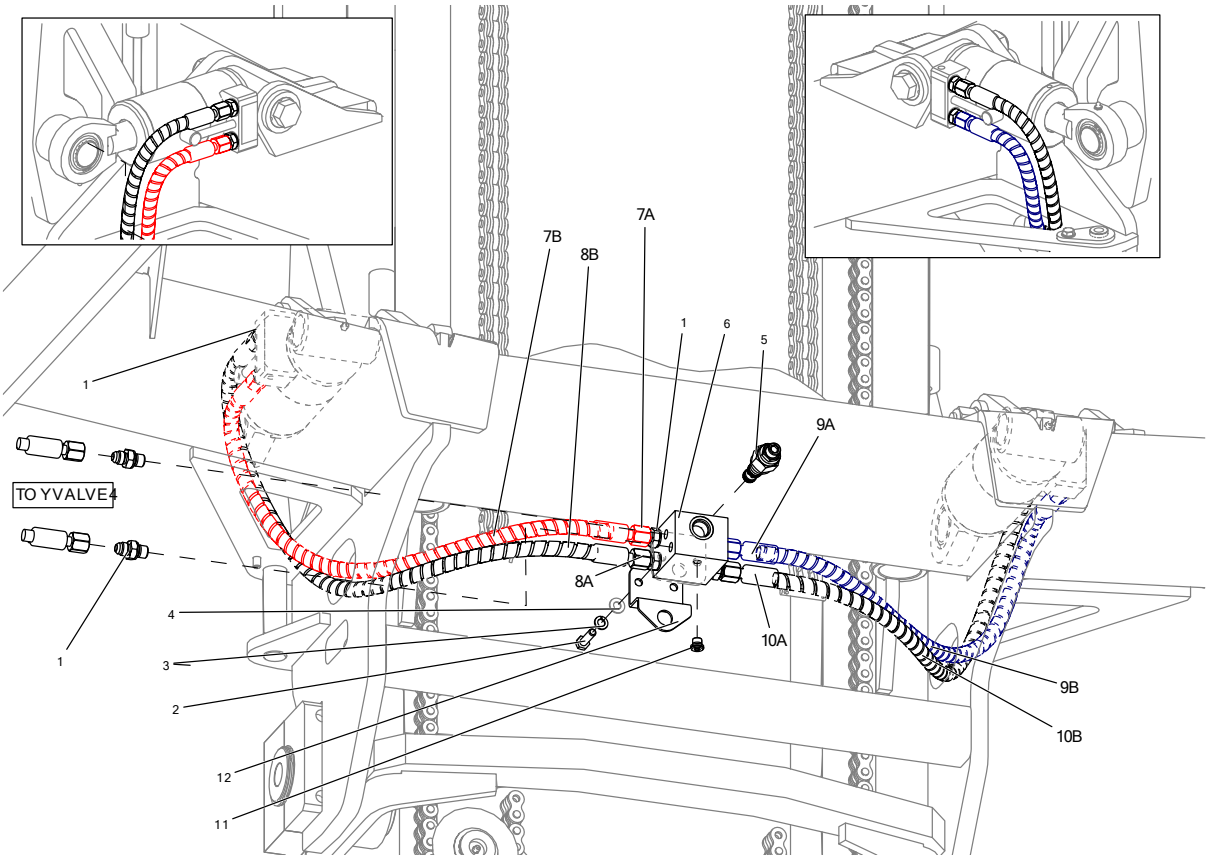


Figure 142: CAM CYLINDER HOSE CONFIGURATION (3.1M AND 3.6M MASTS)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	YHA1.4-9.16J	10	1/4" BSP M W/ INTEGRAL SEAL TO 9/16J-18 M
2	XB08030Z	2	M8 X 30 HEX HEAD SCREW 8.8
3	XW08SZ	2	M8 SPRING WASHER
4	XW08AZ	2	M8 FORM A WASHER
5	YVALVE13	1	COUNTERBALANCE VALVE
6	LM1-203-98	1	SINGLE COUNTERBALANCE VALVE BLOCK
7A	LM1-700-197 [195-196]	1	HOSE
7B	LM1-700-197 [195-196] SPIRAL WRAP1	1	SPIRAL WRAP
8A	LM1-700-198 [193-194]	1	HOSE
8B	LM1-700-198 [193-194] SPIRAL WRAP	1	SPIRAL WRAP
9A	LM1-700-198 [199-200]	1	HOSE
9B	LM1-700-198 [199-200] SPIRAL WRAP	1	SPIRAL WRAP
10A	LM1-700-197 [197-198]	1	HOSE
10B	LM1-700-197 [197-198] SPIRAL WRAP	1	SPIRAL WRAP
11	1-8 BSP Blanking plug	1	1/8 BSP BLANKING PLUG
12	LM1-203-102	1	BRACKET - BULKHEAD FITTING

Table 74: CAM CYLINDER HOSE CONFIGURATION (3.1M AND 3.6M MASTS) BOM

CHAPTER4.15: 3.6M CAM MAST

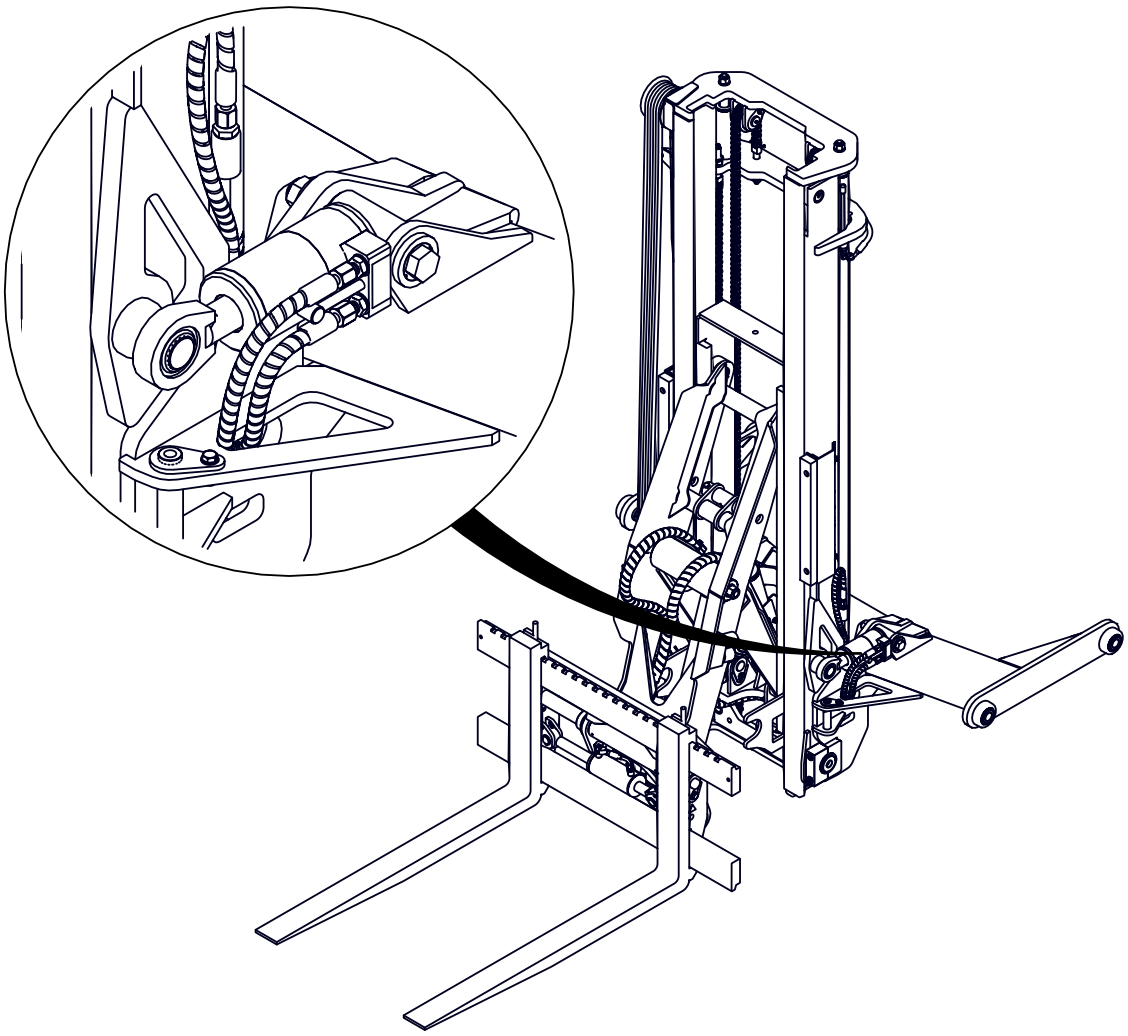


Figure 143: 3.6M CAM MAST

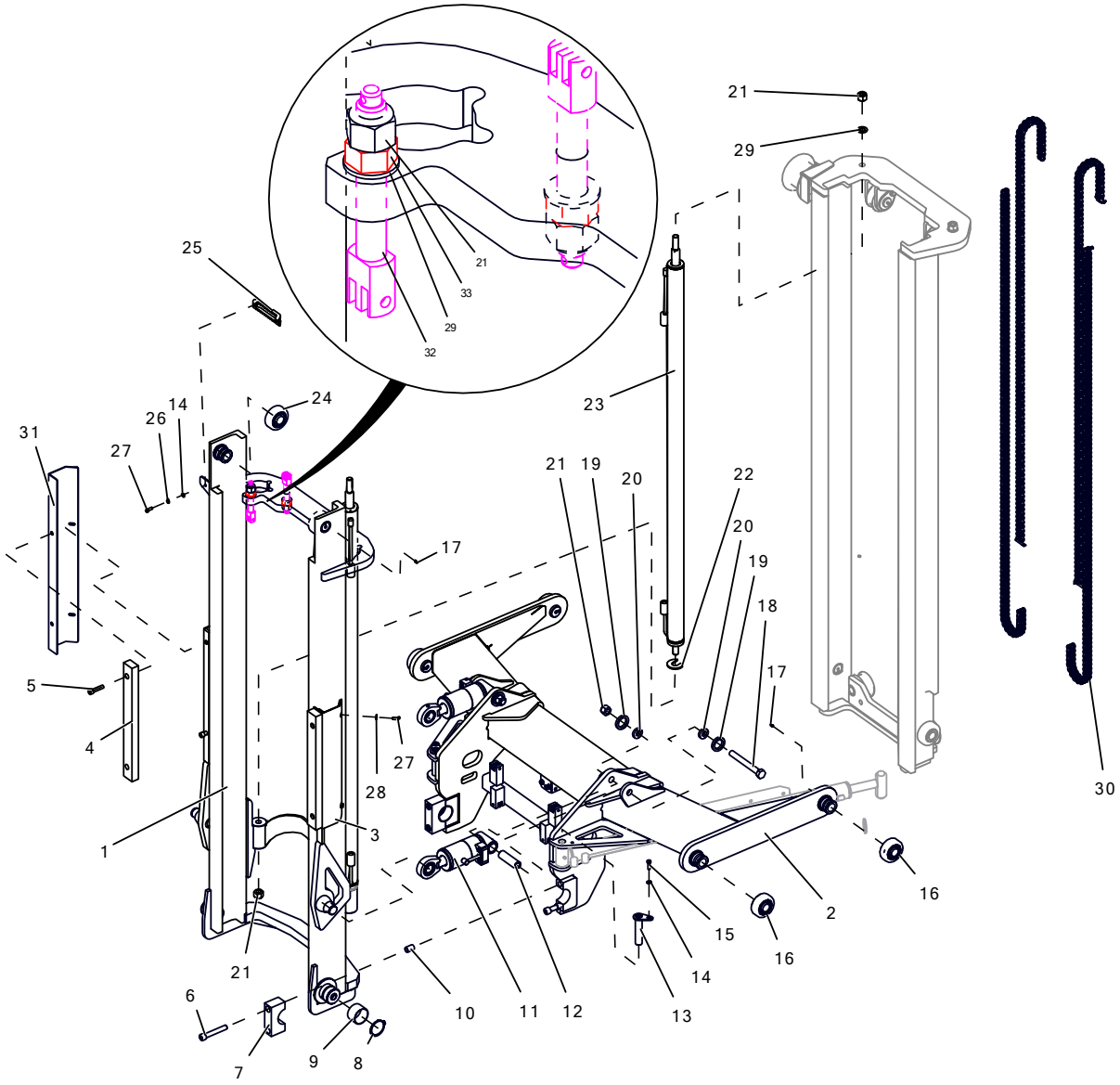


Figure 144: LM1-232-95 1ST STAGE CAM 3.6M

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-232-70	1	STAGE 1-MAST CAM 3.6M W-A	
2	LM1-203-70	1	STAGE 1-CARRAGE CAM 3.1M/3.6M W-A	
3	LM1-219-00	1	MAST PIPE CASING LHS	
4	LM1-200-02	2	TRAILER PAD	
5	XSC12050Z	4	M12x50 SKT CAP SCREW 8.8	
6	XS16100Z	4	M16X100 SKT CAP HEAD SCREW 12.9	
7	LM1-203-74	2	SPLIT BEARING - UPPER	
8	YCIRCLIP12	2	60.0 SHAFT EXTERNAL CIRCLIP DIN471	
9	YBUSH21	2	CAM MAST DX BUSH	
10	YDOWEL1	4	HOLLOW DOWEL	
11	LM1-210-13	2	TILT MAST CYLINDER	
12	LM1-203-96	2	BUSH - TILT CYLINDER BASE	
13	LM1-217-70	2	CARRIAGE PIN W-A	
14	XW08AZ	4	M8 FORM A WASHER	
15	XB08030Z	2	M8 X 30 HEX HEAD SCREW 8.8	
16	YBEARING19	4	PARALLEL MAST BEARING SET	
17	YGN0600	5	YGN0600 GREASE NIPPLE	
18	XB20170Z-10.9	2	M20 X 170 HEX HEAD BOLT 10.9	
19	LM1-203-103	4	RING - CYLINDER MOUNT	
20	LM1-203-104	4	ECCENTRIC CYLINDER MOUNT	
21	XN20N	10	M20 NYLOC NUT	
22	LM1-200-07	2	SPACER	
23	LM1-210-53	2	UNIVERSAL LIFT CYLINDER 3.6m	
24	YBEARING20	2	TAPERED MAST BEARING SET	
25	LM1-224-00	1	HYDRAULIC HOSE CLAMP	
26	XW08SZ	2	M8 SPRING WASHER	
27	XS08020Z	6	M8 X 20 HEX HEAD SCREW 8.8	
28	XW08CZ	4	M8 FORM C WASHER	
29	XW20AZ	6	M20 FORM A WASHER	
30	YCHAINKIT2	1	3.6M MAST CHAIN KIT	
31	LM1-218-00	1	MAST PIPE CASING RHS	
32	YCHAINBOLT1	4	CHAIN BOLT P.N.BL0644XB3	
33	YCHAINBOLT1 NUT	4	M20 NUT – PART OF YCHAINBOLT1	

Table 75: LM1-232-95 1ST STAGE CAM BOM

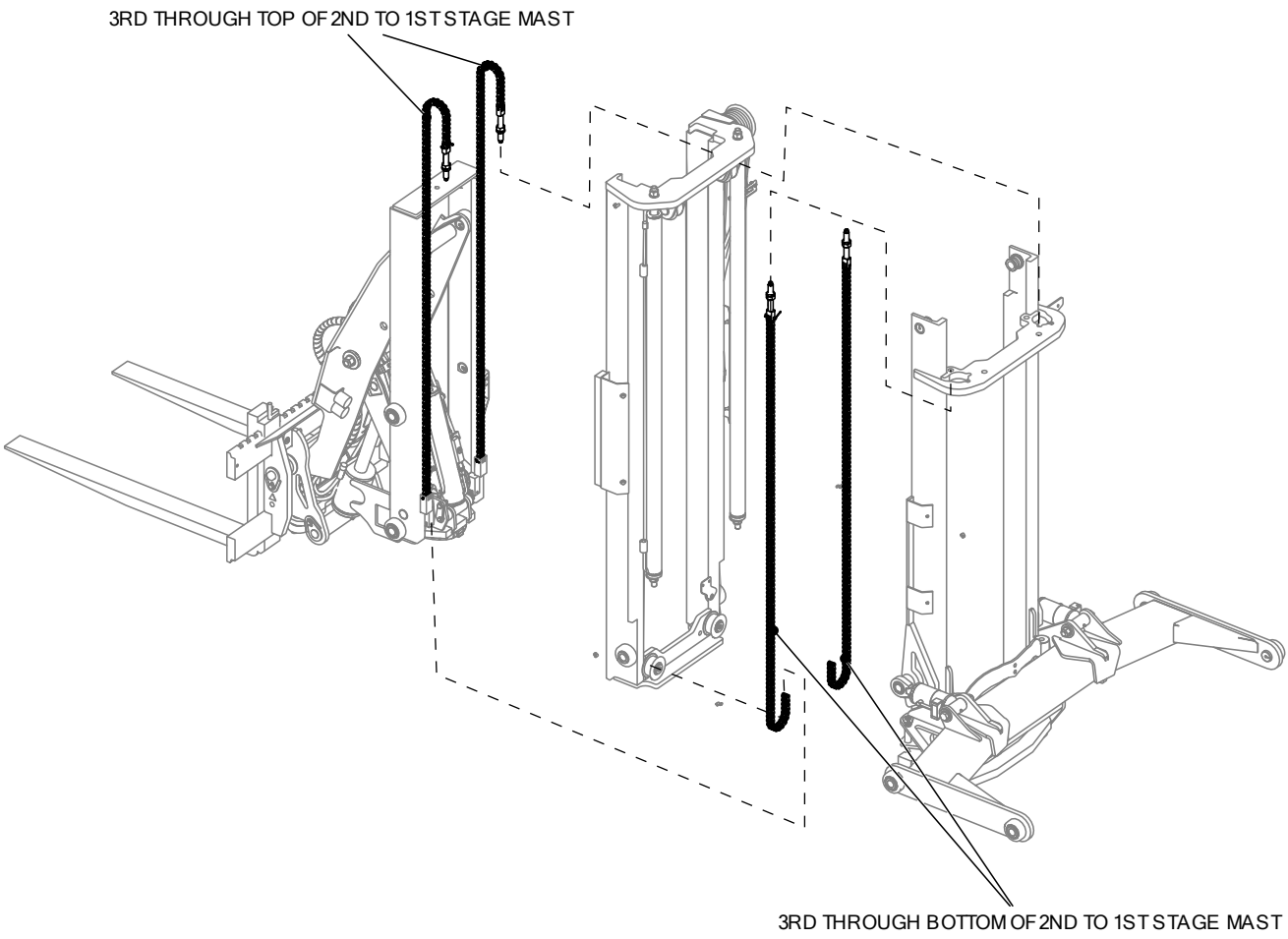


Table 76: CHAINKITS ON CAM MAST

CHAPTER4.16: 3.6M CAM MAST STAGES 1 AND 2 HYDRAULICS

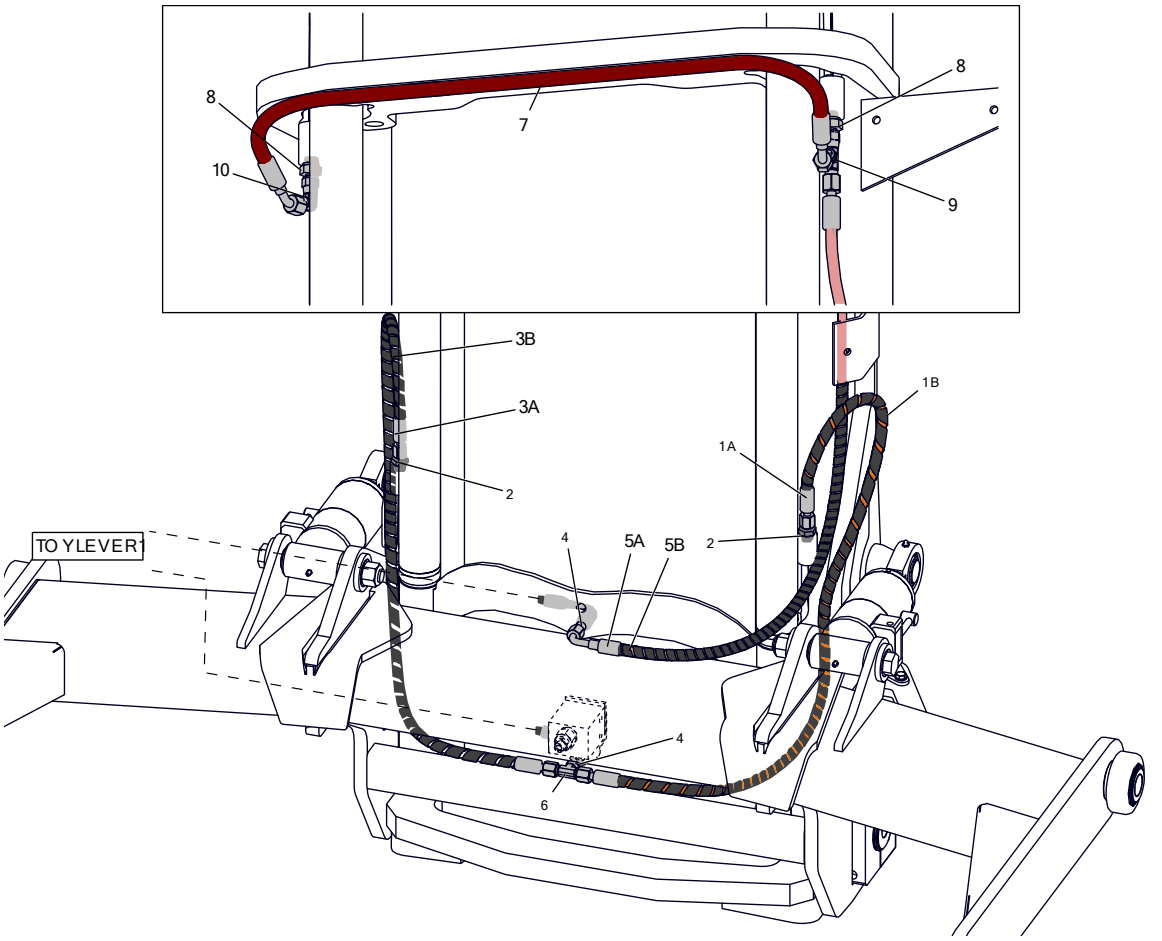


Figure 145: 3.6M CAM MAST LIFT CYLINDER HOSE DETAIL

ITEM	PART NUMBER	Qty	DESCRIPTION
1A	LM1-700-344 [177-182] CAM SETUP	1	HOSE
1B	LM1-700-344 [177-182] SPIRAL WRAP CAM SETUP	1	SPIRAL WRAP
2	YHAR-2MM-3-8-9-16J	2	3/8" BSP M TO 9/16"J M W/ SEAL & 2MM RESTRICTOR
3A	LM1-700-344 [179-184] CAM SETUP	1	HOSE
3B	LM1-700-344 [179-184] HOSE CAM SIRAL WRAP	1	SPIRAL WRAP
4	YHB9.16J	2	9/16"JIC BULKHEAD C/W LOCKNUT
5A	LM1-700-360 [178-180]	1	HOSE
5B	LM1-700-360 [178-180] HOSE SPIRAL WRAP	1	SPIRAL WRAP
6	YHT9-16JMMF	1	9/16J-18 TEE MFM MALE ON BRANCH
7	LM1-700-345 [181-183]	1	HOSE
8	YHA3.8-9.16J	2	3/8" BSP M W/ SEAL TO 9/16J-18 M
9	YHT9-16JMFM	1	9/16J-18 TEE MFM MALE ON BRANCH
10	YHA9.16JMFE	1	9/16J-18 MF SWIVLE ELBOW

Table 77: 3.6M CAM MAST LIFT CYLINDER HOSE DETAIL BOM

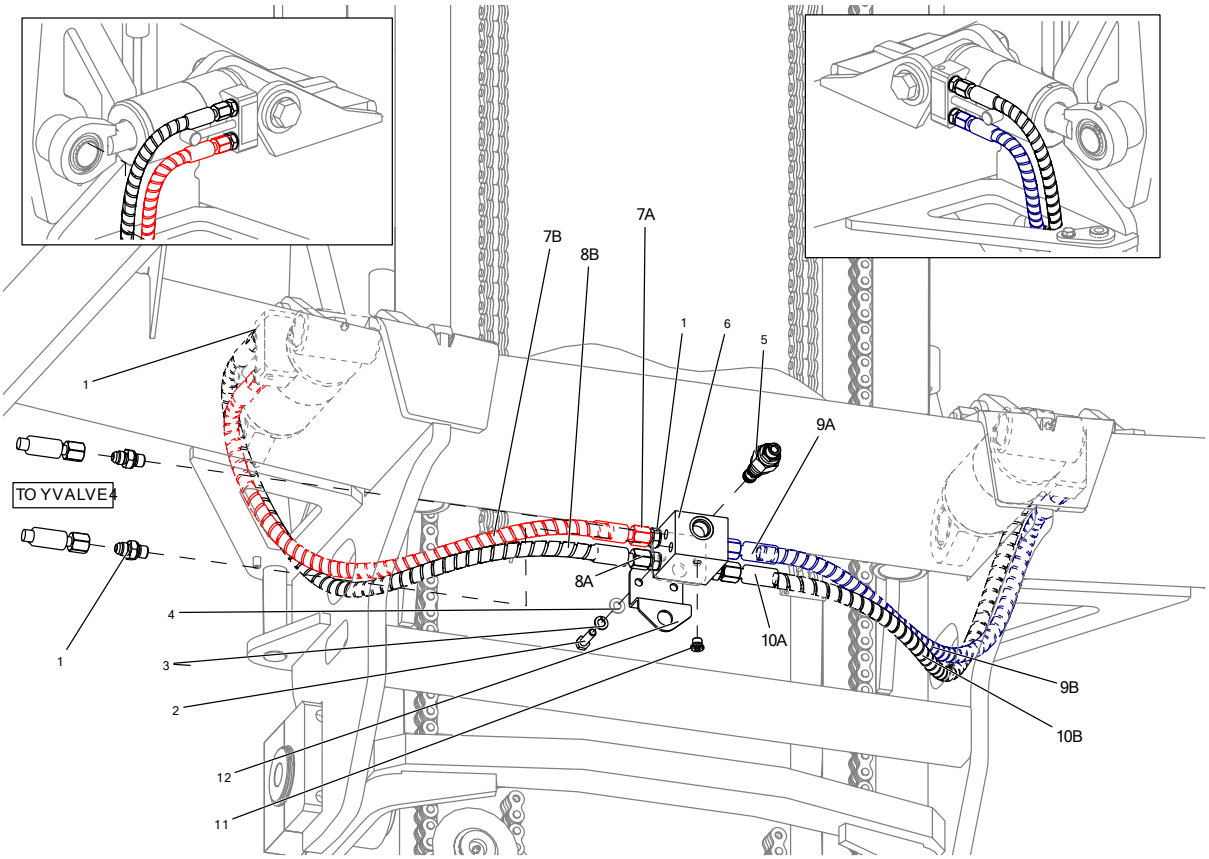


Figure 146: CAM CYLINDER HOSE CONFIGURATION (3.1M AND 3.6M MASTS)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	YHA1.4-9.16J	10	1/4" BSP M W/ INTEGRAL SEAL TO 9/16J-18 M
2	XB08030Z	2	M8 X 30 HEX HEAD SCREW 8.8
3	XW08SZ	2	M8 SPRING WASHER
4	XW08AZ	2	M8 FORM A WASHER
5	YVALVE13	1	COUNTERBALANCE VALVE
6	LM1-203-98	1	SINGLE COUNTERBALANCE VALVE BLOCK
7A	LM1-700-197 [195-196]	1	HOSE
7B	LM1-700-197 [195-196] SPIRAL WRAP1	1	SPIRAL WRAP
8A	LM1-700-198 [193-194]	1	HOSE
8B	LM1-700-198 [193-194] SPIRAL WRAP	1	SPIRAL WRAP
9A	LM1-700-198 [199-200]	1	HOSE
9B	LM1-700-198 [199-200] SPIRAL WRAP	1	SPIRAL WRAP
10A	LM1-700-197 [197-198]	1	HOSE
10B	LM1-700-197 [197-198] SPIRAL WRAP	1	SPIRAL WRAP
11	1-8 BSP Blanking plug	1	1/8 BSP BLANKING PLUG

Table 78: CAM CYLINDER HOSE CONFIGURATION (3.1M AND 3.6M MASTS) BOM

CHAPTER5: CAB

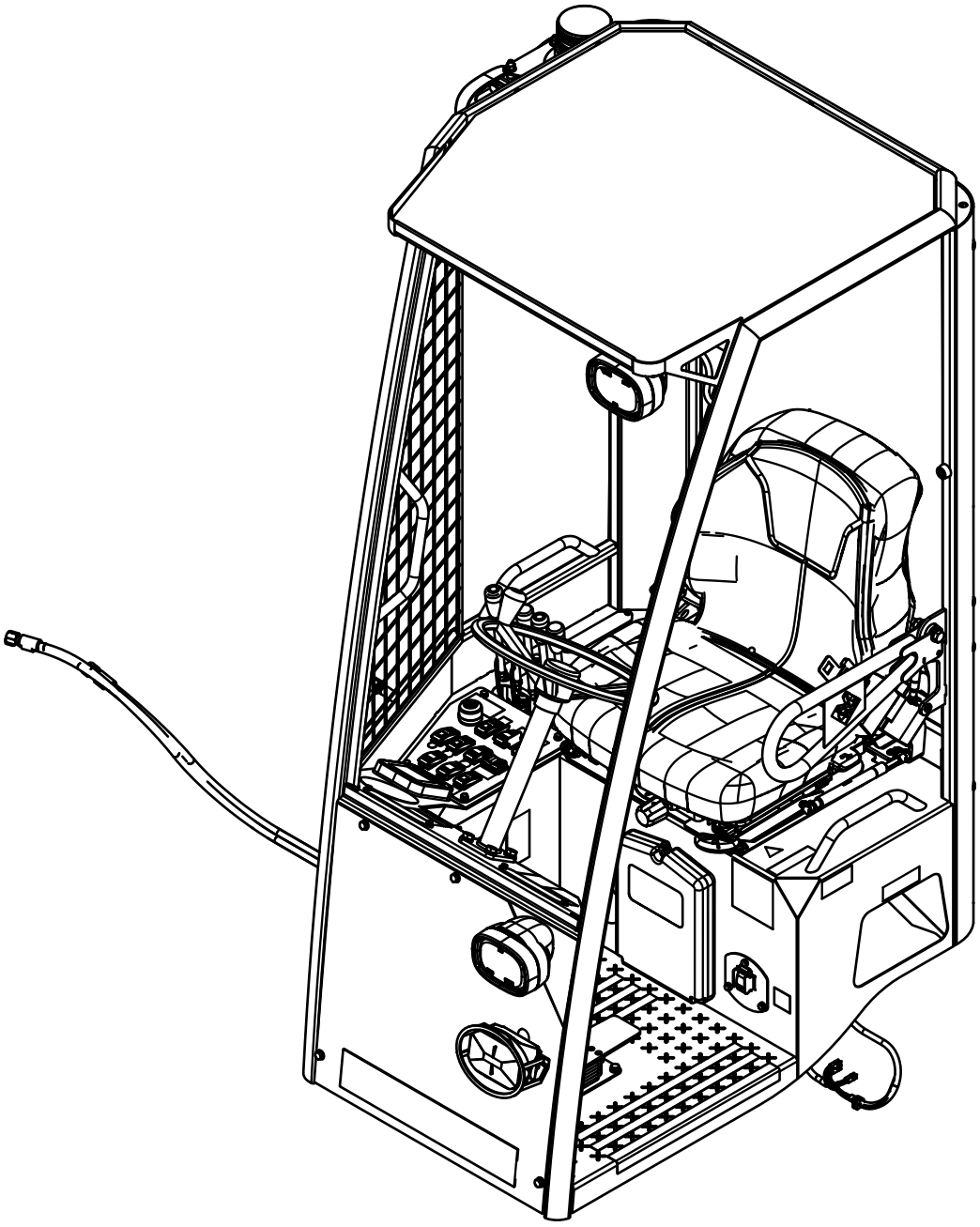


Figure 147: LM1-50-00 FULL CAB

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CHAPTER5.1: SEAT

COMFORT SEAT

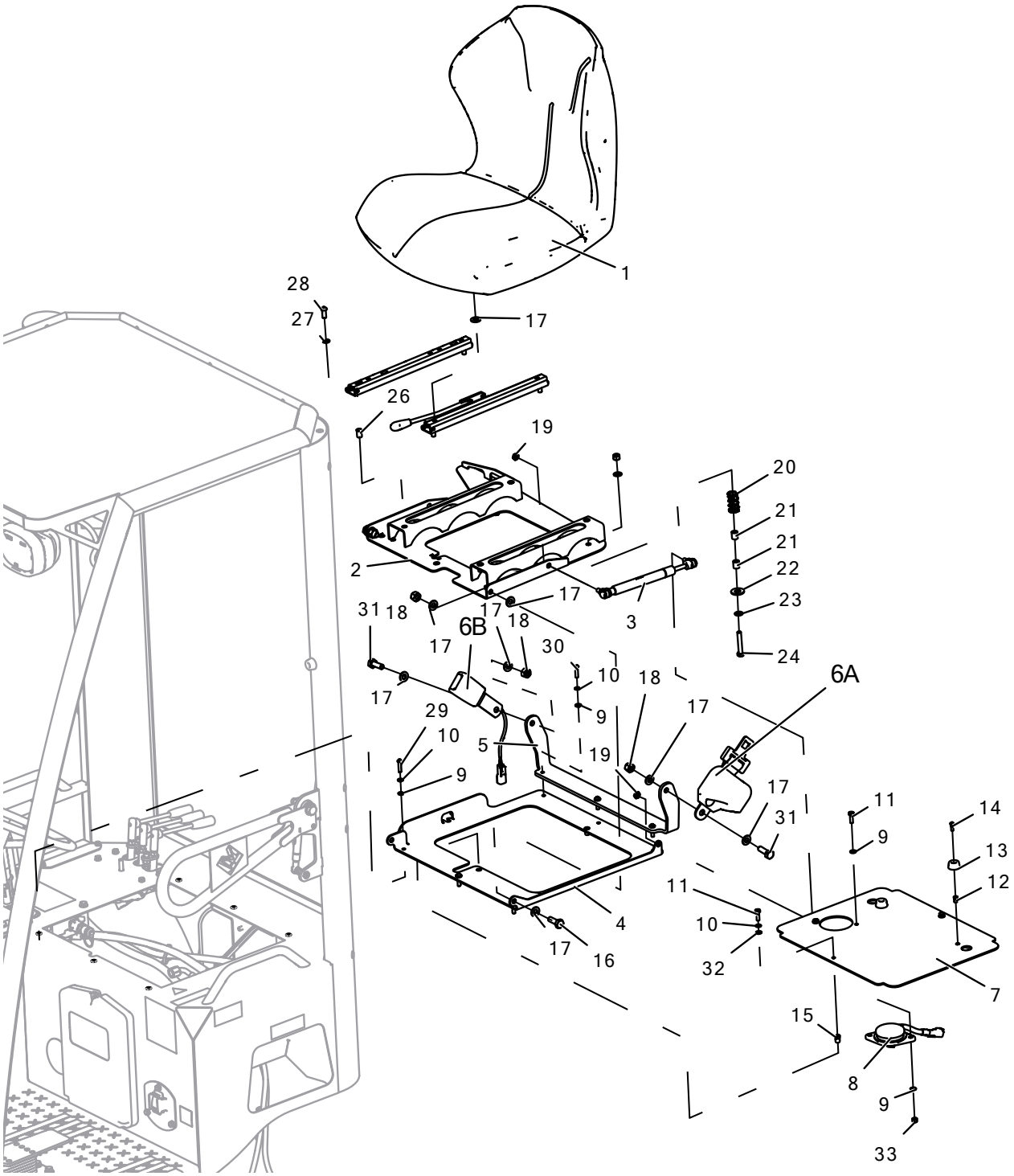


Figure 148: LM1-500-130 COMFORT SEAT ASSEMBLY

ITEM	SW Component Name	QUANTITY	Description	NOTES
1	YSEAT5	1	COMFORT SEAT	
2	LM1-510-00	1	SEAT BASE W-A	
3	YGASTRUT35	1	500N GAS STRUT	
4	LM1-506-01	1	UNDER SEAT PLATE	
5	LM1-510-11	1	SEAT BELT BRACKET	
6A	YSEATBELT3-REEL	1	REEL FROM YSEATBELT3	
6B	YEATBELT3-BUCKLE	1	BUCKLE FROM YSEATBELT3	
7	LM1-506-06	1	UNDER SEAT HATCH PLATE	
8	YSWITCH56	1	SEAT SWITCH ASSEMBLY	
9	XW06AZ	10	M6 FORM A WASHER	
10	XW06SZ	8	M6 SPRING WASHER	
11	XS06025Z	4	M6 X 25 HEX HEAD SCREW 8.8	
12	XNS05H	2	M5 HEX NUTSERT	
13	YBUFFER1	2	BUFFER 25X12.5MM	
14	XBUT05016SKTZB	2	M5 X 16 BUTTON HEAD SCREW 8.8	
15	XNS06H	2	M6 HEX NUTSERT	
16	XS10030Z	2	M10 X 30 HEX HEAD SCREW 8.8	
17	XW10AZ	14	M10 X 30 FORM A WASHER	
18	XN10N	4	M10 NYLOC NUT	
19	XN08HZB	2	M8 HALF NUT	
20	YSPRING22	2	COMPRESSION SPRING	
21	LL10026	4	SPACER	
22	XW12CZ	2	M12 FORM C WASHER	
23	XW08AZ	4	M8 FORM A WASHER	
24	XS08050Z	2	M8 X 50 HEX HEAD SCREW 8.8	
25	XN08N	2	M8 NYLOC NUT	
26	XNS08	4	M8 NUTSERT	
27	XW08CZ	4	M8 SPRING WASHER	
28	XBUT08020SKTZB	4	M8 X 20 BUTTON HEAD SCREW 8.8	
29	XS06020SKTZB	3	M6 X 20 HEX HEAD SCREW 8.8	
30	XS06035SKTZB	3	M6 X 35 HEX HEAD SCREW 8.8	
31	XS10025Z	2	M10 X 25 HEX HEAD SCREW 8.8	
32	XW06GZ	2	M6 FORM G WASHER	
33	XN06N	2	M6 NYLOC NUT	

Table 79: LM1-500-130 COMFORT SEAT ASSEMBLY – BOM

SUSPENSION SEAT

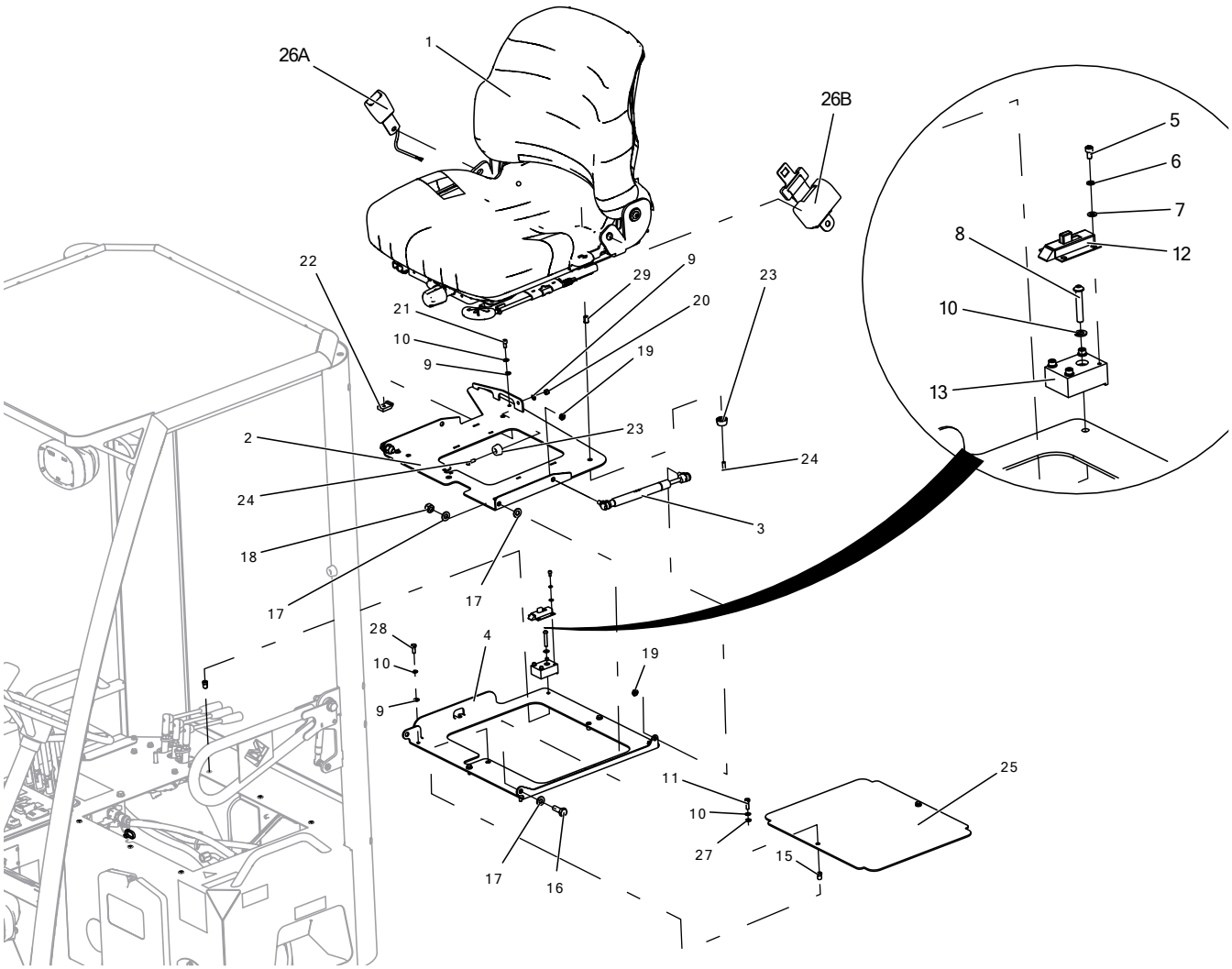


Figure 149: LM1-500-100 SUSPENSION SEAT

ITEM	PART NUMBER	QTY	Description	NOTES
1	YSEAT6	1	YSEAT2 SUSPENSION SEAT WITHOUT SEATBELT	
2	LM1-509-00	1	SEAT BASE W-A	
3	YGASTRUT35	1	500N GAS STRUT	
4	LM1-506-01	1	UNDER SEAT PLATE	
5	XSC04008Z	4	M4 X 8 SOCKET CAP SCREW	
6	XW04SZ	4	M4 SPRING WASHER	
7	XW04AZ	4	M4 FORM A WASHER	
8	XBUT06035SKTZB	1	M6 X 35 BUTTON HEAD SCREW 8.8	
9	XW06AZ	7	M6 FORM A WASHER	
10	XW06SZ	8	M6 SPRING WASHER	
11	XS06020Z	2	M6 X 25 HEX HEAD SCREW 8.8	
12	YLATCH16	1	BONNET LATCH	
13	LM1-508-02	1	LATCH MOUNTING BLOCK	
15	XNS06H	2	M6 HEX NUTSERT	
16	XS10030Z	2	M10 X 30 HEX HEAD SCREW 8.8	
17	XW10AZ	6	M10 X 30 FORM A WASHER	
18	XN10N	2	M10 NYLOC NUT	
19	XN08HZB	2	M8 HALF NUT	
20	XN06N	1	M6 NYLOC NUT	
21	XSC06012Z	1	M6 X 12 SCKT CAP SCREW	
22	LM1-508-01	1	LATCH GUIDE BLOCK	
23	YBUFFER1	3	BUFFER	
24	XBUT06020SKTZB	5	M6 X 20 BUTTON HEAD SCREW 8.8	
25	LM1-506-05	1	UNDER SEAT HATCH PLATE	
26A	YSEATBELT3-BUCKLE	1	SEATBELT BUCKLE SECURED WITH M12 FORM A WASHER AND M12 FINE X 25MM 8.8 SCREW	
26B	YSEATBELT3-REEL	1	SEATBELT REEL SECURED WITH M12 FORM A WASHER AND M12 FINE X 25MM 8.8 SCREW	
27	XW06GZ	2	M6 FORM G WASHER	
28	XS06020Z	5	M6 X 20 HEX HEAD SCREW 8.8	
29	XNS06	4	M6 ROUND NUTSERT	

Table 80: Table 80: LM1-500-100 SUSPENSION SEAT - BOM

CHAPTER5.2: PEDALS

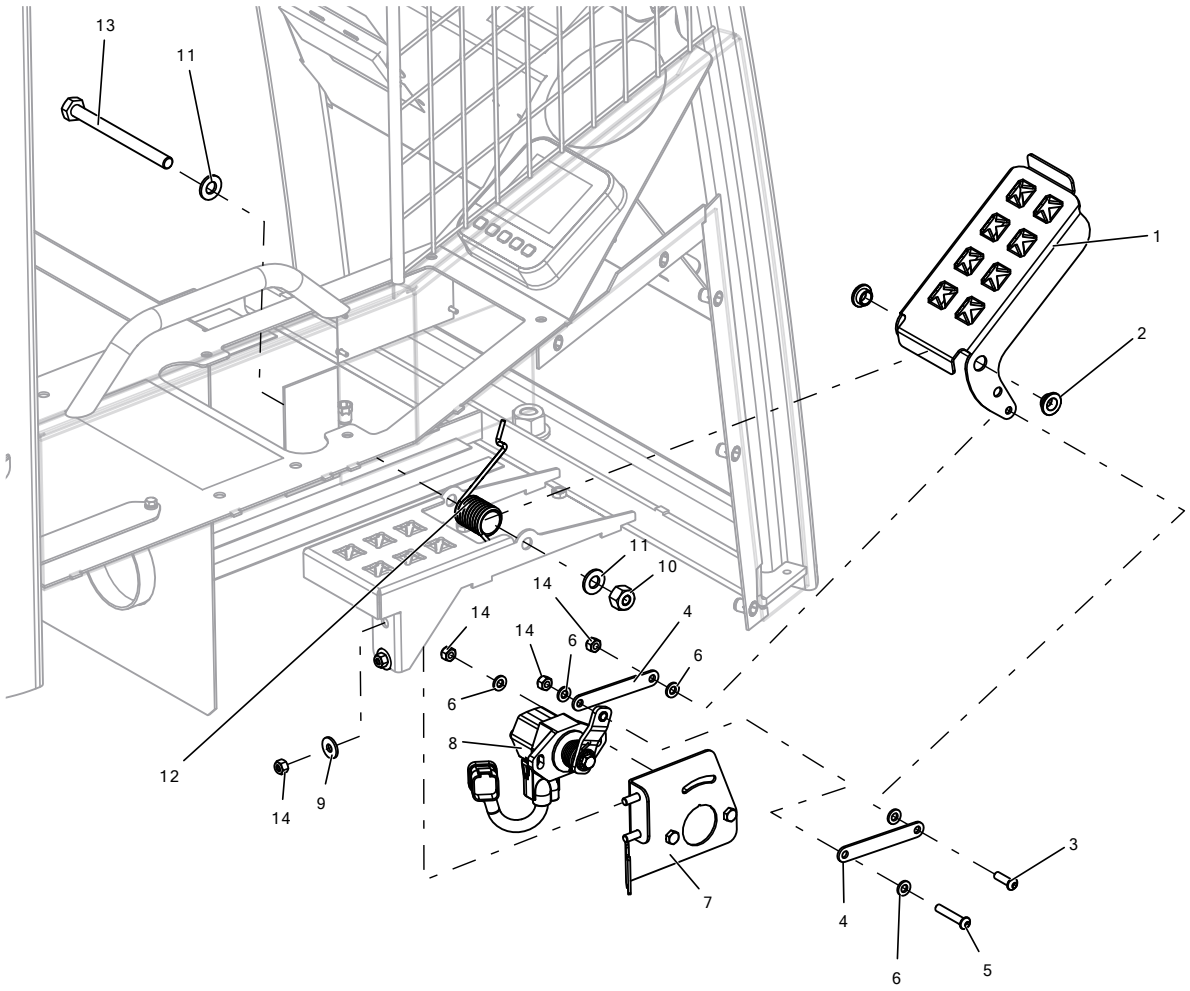


Figure 150 LM1-500-70 THROTTLE PEDAL ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-502-07	1	ACCELERATOR PEDAL	
2	YBUSH15	2	SHOULDER BUSH	
3	XBUT06020SKTZB	1	M6 X 20 BUTTON HEAD SCREW 8.8	
4	LM1-500-63	2	LINKAGE THROTTLE POSITION SENSOR	
5	XBUT06035SKTZB	1	M6 X 35 BUTTON HEAD SCREW 8.8	
6	XW06AZ	13	M6 FORM A WASHER	
7	LM1-500-65	1	UNDER-PEDAL TPS MOUNT	
8	YTPS1	1	HATZ THROTTLE POSITION SENSOR	
9	XW06GZ	2	M6 FORM G WASHER	
10	XN10N	1	M10 NYLOC NUT	
11	XW10AZ	2	M10 FORM A WASHER	
12	3J0167	1	SPRING	
13	XS10120Z	1	M10 X 120 HEX HEAD SCREW 8.8	
14	XN06N	6	M6 NYLOC NUT	

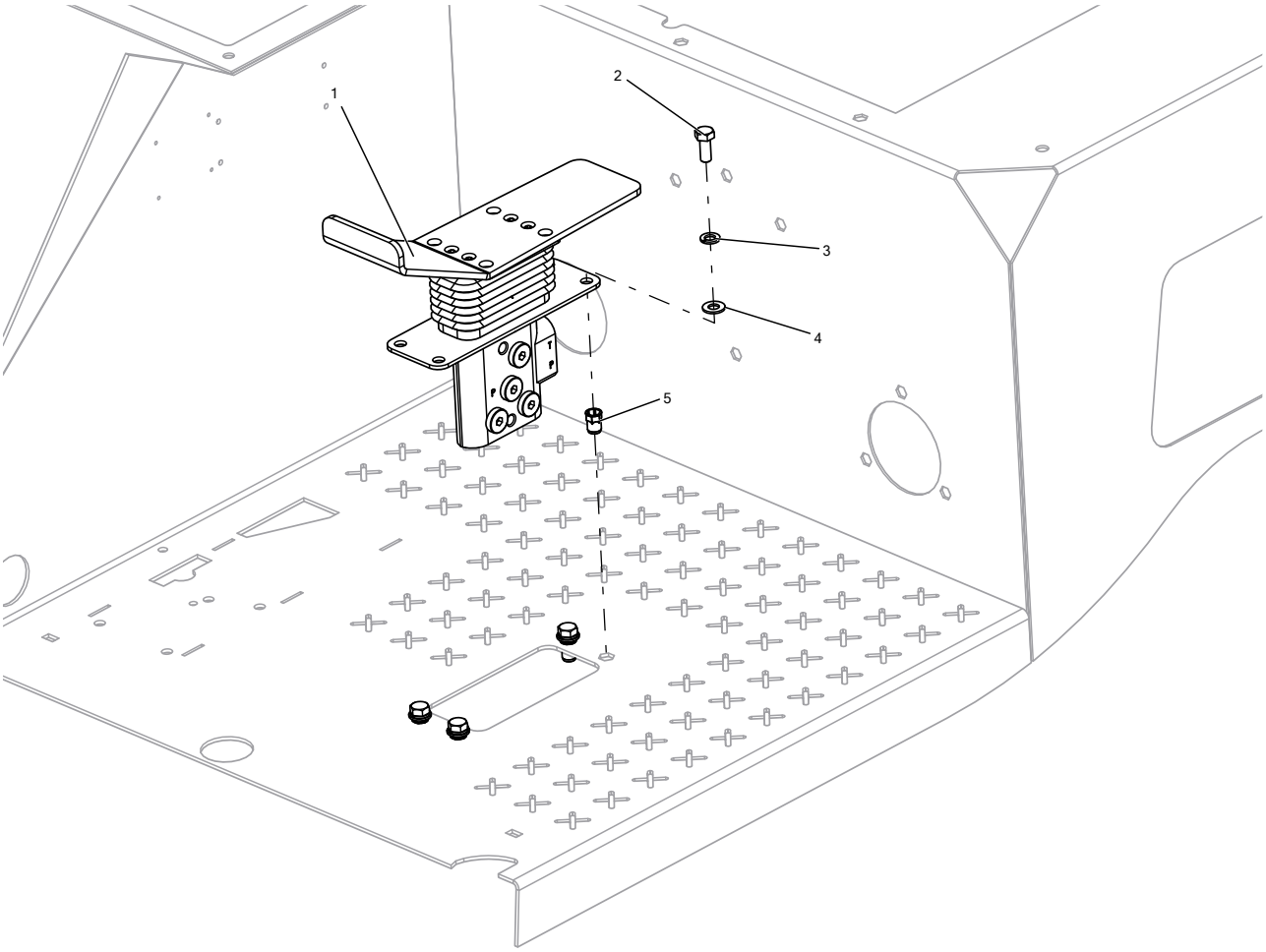
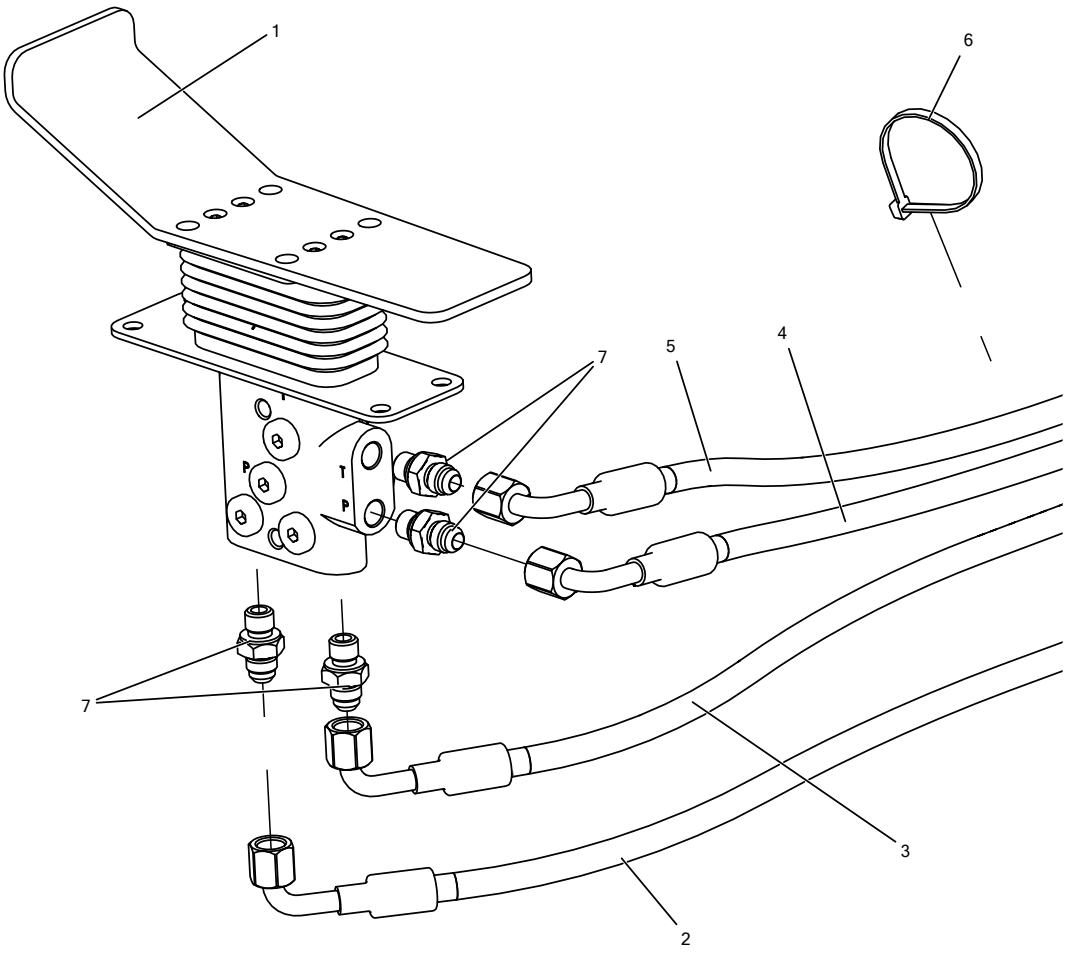


Figure 151: LM1-705-00 EBI HYDRAULIC DRIVE PEDAL TO CAB FLOOR

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YPEDAL1	1	FORWARD/REVERSE PEDAL	
2	XS08025Z	4	M8 X 25 HEX HEAD SCREW 8.8	
3	XW08SZ	4	M8 SPRING WASHER ZP	
4	XW08AZ	4	M8 FORM A WASHER	
5	XNS08H	4	M8 HEX NUTSERT	

Table 81: LM1-705-00 EBI HYDRAULIC DRIVE PEDAL TO CAB FLOOR – BOM



NOTE: JIC HOSE CONNECTIONS SHOWN ABOVE AND IN DESCRIPTION BELLOW. METRIC EQUIVALENTS LISTED AT END OF TABLE.

Figure 152: LM1-705-20 EBI HYDRAULIC DRIVE PEDAL JIC

ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YPEDAL1-2	1	FORWARD/REVERSE PEDAL	-
2	LM1-700-J225	1	Foot Pedal "1" to Hydrostatic Pump Forward/Reverse	LM1-700-M225
3	LM1-700-J226	1	Foot Pedal "2" to Hydrostatic Pump Forward/Reverse	LM1-700-M226
4	LM1-700-J223	1	Block "BKR" to Foot Pedal "P"	LM1-700-M223
5	LM1-700-J224	1	"CDL" Block Tee to Foot Pedal "T"	LM1-700-M224
6	CABLE-TIE-5-260	1	CABLE TIE	-
7	YHA1.4-9.16J		1/4"BSP-9/16"JIC ADAPTOR WITH INTEGRAL SEAL	YHA1.4-8L

Table 82: LM1-705-20 EBI HYDRAULIC DRIVE PEDAL JIC - BOM

CHAPTER5.3: MAIN PARTS AND DUMP VALVE

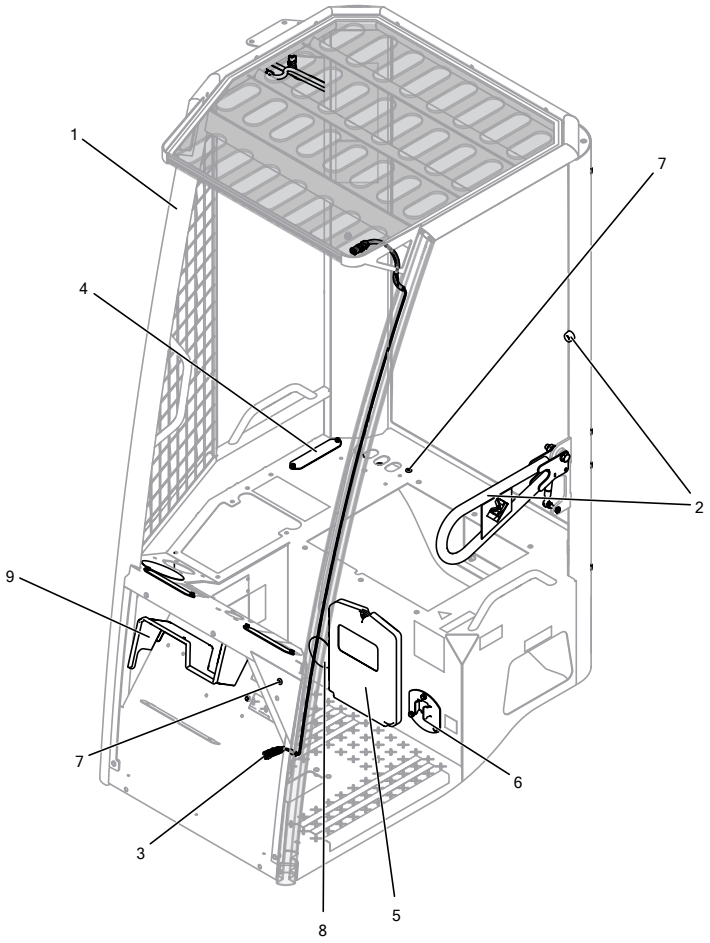


Figure 153: LM1-501-103 COMMON CAB MAIN PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-501-97	1	CAB FRAME WELD ASSEMBLY WITH STICK-ON PARTS	
2	LM2-501-130	1	ARM REST/GUARD KIT	
3	LM1-810-07	1	CAB FRONT WORKLIGHT LOOM	
4	LM1-501-120	1	CAB VENT COVER PLATE WITH FASTENERS	
5	LM1-501-125	1	DOCUMENT HOLDER KIT	
6	LM1-501-124	1	DUMP VALVE SWITCH PLATE KIT	
7	YGR110	2	GROMMET OPEN 10DIA	
8	YPLUG76	1	DOMED BLANKING PLUG 76MM BLACK	
9	LM1-501-131	1	LOOM GUARD ASSEMBLY	

Table 83: LM1-501-103 COMMON CAB MAIN PARTS - BOM

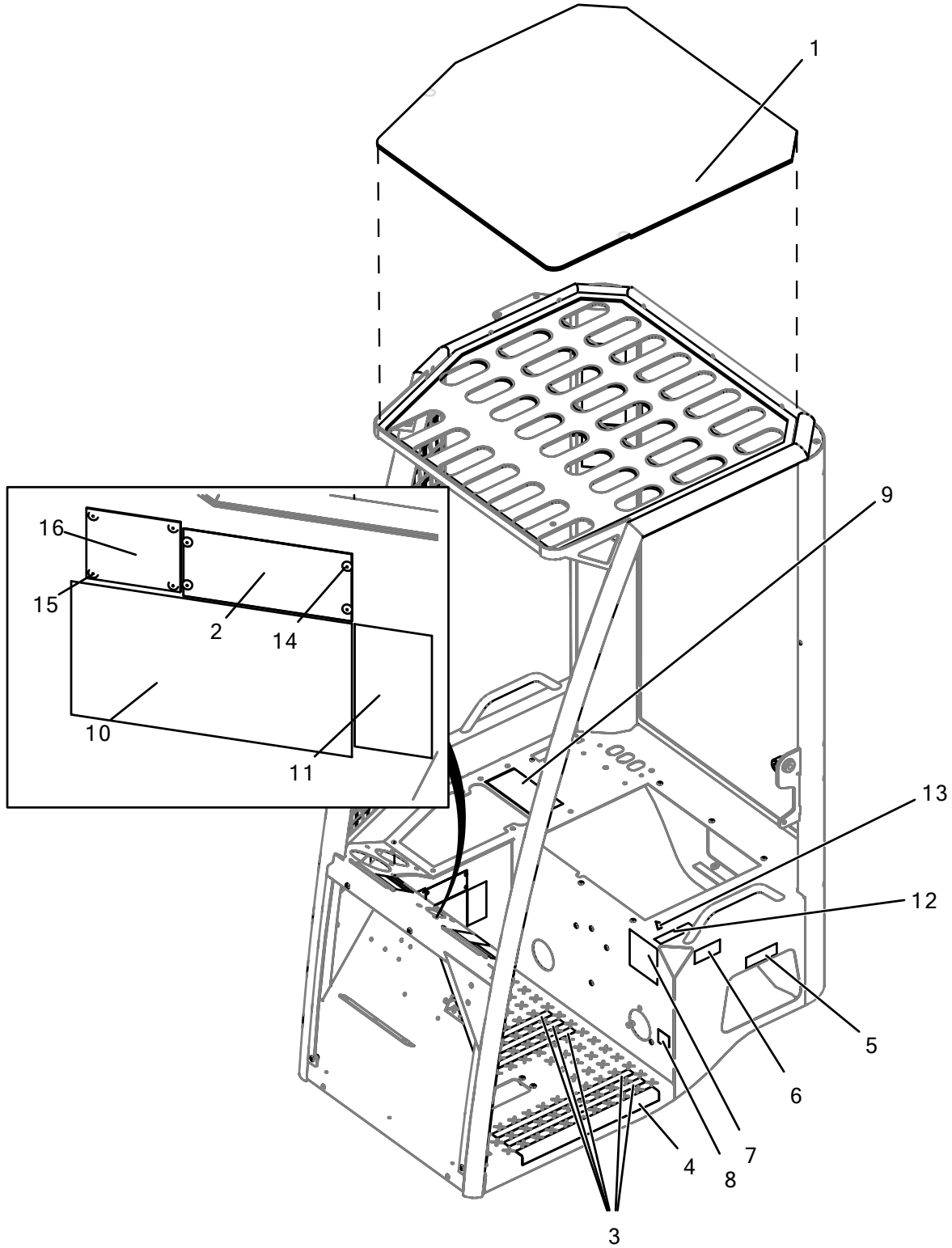


Figure 154: LM1-501-97 CAB FRAME WITH ROOF AND DECALS

ITEM	PART NUMBER	QUANTITY	DESCRIPTION	NOTES
1	LM1-505-01	1	POLYCARBONATE ROOF REQUIRES THE FOLLOWING TO BOND TO CAB FRAME: -SIKA SIKAFLEX ULTRAFAST BLACK ADHESIVE -SIKA ACTIVATOR 100 -SIKA PRIMER 209	
2	YLABEL2	1	LOADMAC SERIAL PLATE	
3	LM1-501-95	5	GRIP TAPE YTAPE8 400MM LONG	
4	LM1-501-96	1	GRIP TAPE YTAPE9 400MM LONG	
5	LM1-901-09	1	DIESEL DECAL	
6	LM1-901-63	1	GREASE DECAL	
7	LM1-901-28	1	SERVICE INFORMATION DECAL	
8	LM1-901-58	1	DUMP VALVE DECAL	
9	LM1-901-21	1	LEVER OPERATION DECAL	
10	LM1-901-26	1	LOADCHART DECAL	
11	LM1-901-25	1	MAINTENANCE WARNING DECAL	
12	LM1-901-29	1	NO PASSENGERS DECAL	
13	LM1-901-32	1	PINCH WARNING DECAL	
14	XR03010	4	3.0X10MM POP RIVET	
15	XR02406	4	2.4X6MM RIVET	
16	ENGINE PLATE	1	ENGINE DATA PLATE	

Table 84: LM1-501-97 CAB FRAME WITH ROOF AND DECALS BOM

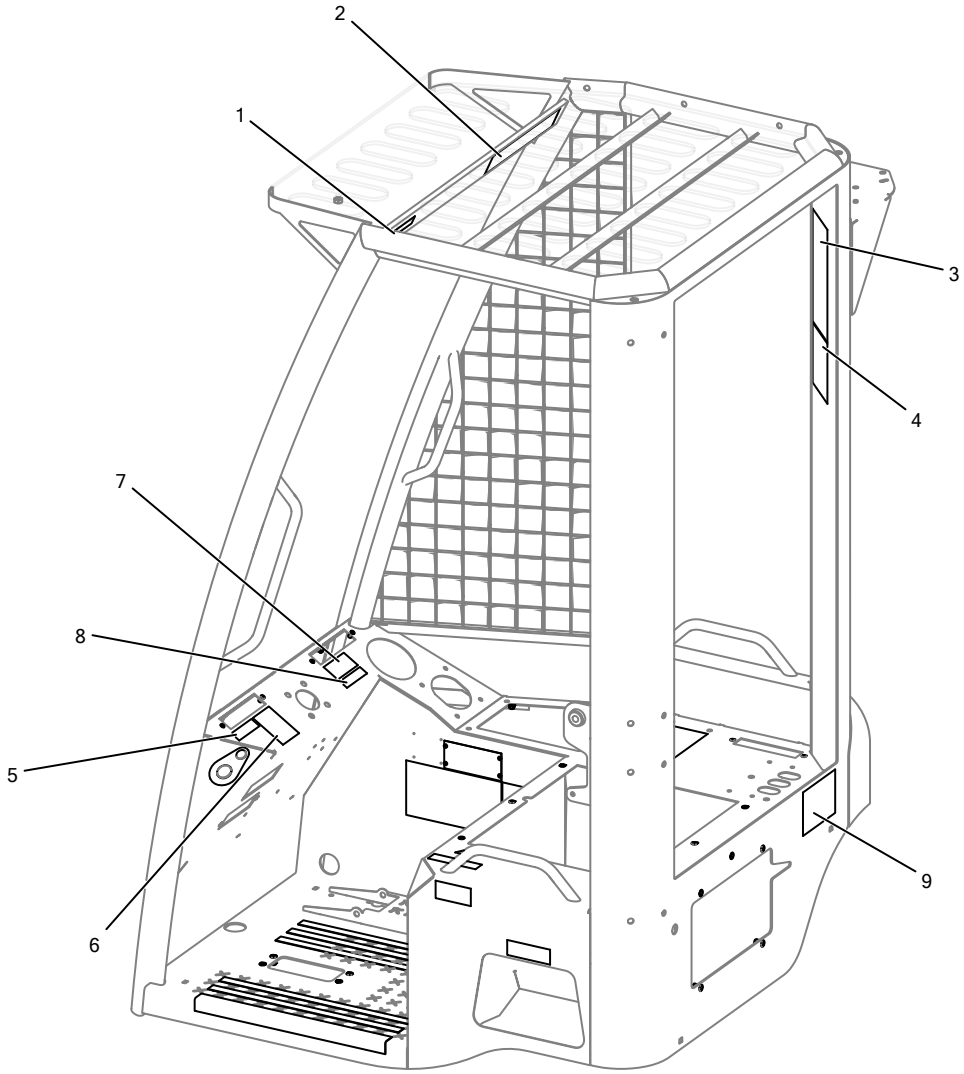


Figure 155: LM1-501-97 CAB DECALS 2

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-901-11	1	DO NOT TOW DECAL	
2	LM1-901-35	1	DRIVER SAFETY DECAL	
3	LM1-901-34	1	SAFETY INSTRUCTIONS DECAL	
4	LM1-901-41	1	HIGH NOISE LEVEL DECAL	
5	LM1-901-12	1	DO NOT MOUNT USING ISR WARNING DECAL	
6	LM1-901-14	1	DRIVE DECAL	
7	LM1-901-08	1	DAILY CHECKS DECAL	
8	LM1-901-05	1	BATTERY ISOLATOR UNDER BONNET DECAL	
9	LM1-901-15	1	REAR LEVER CONTROLS DECAL	

Table 85: LM1-501-97 CAB DECALS 2 BOM

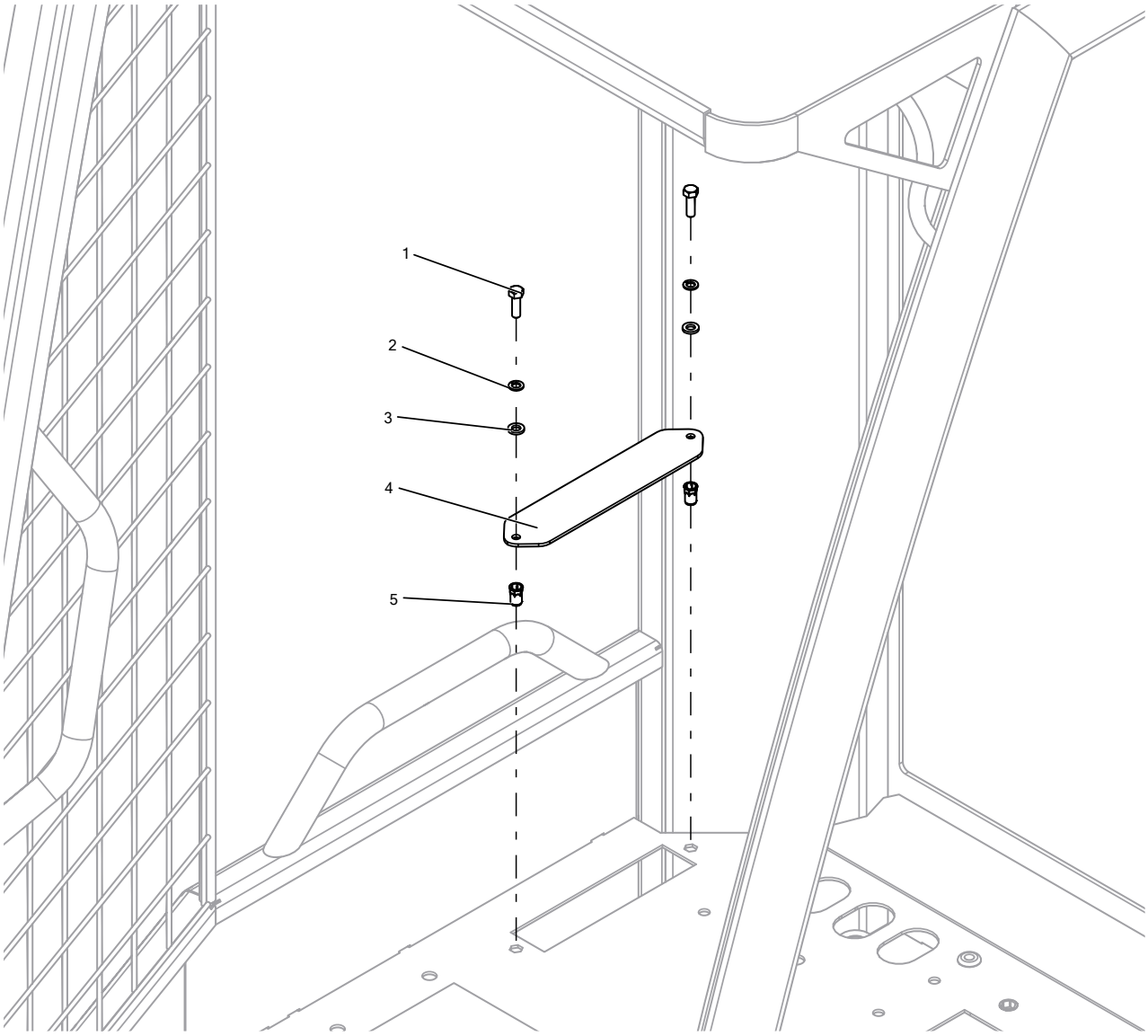


Figure 156: LM1-501-120 CAB VENT COVER PLATE WITH FASTENERS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS05016Z	2	M5 X 16 HEX HEAD SCREW 8.8	
2	XW05SZB	2	M5 SPRING WASHER	
3	XW05Z	2	M5 FORM A WASHER	
4	LM1-500-27	1	COVER PLATE	
5	XNS05H	2	M5 HEX NUTSERT	

Table 86: LM1-501-120 CAB VENT COVER PLATE WITH FASTENERS – BOM

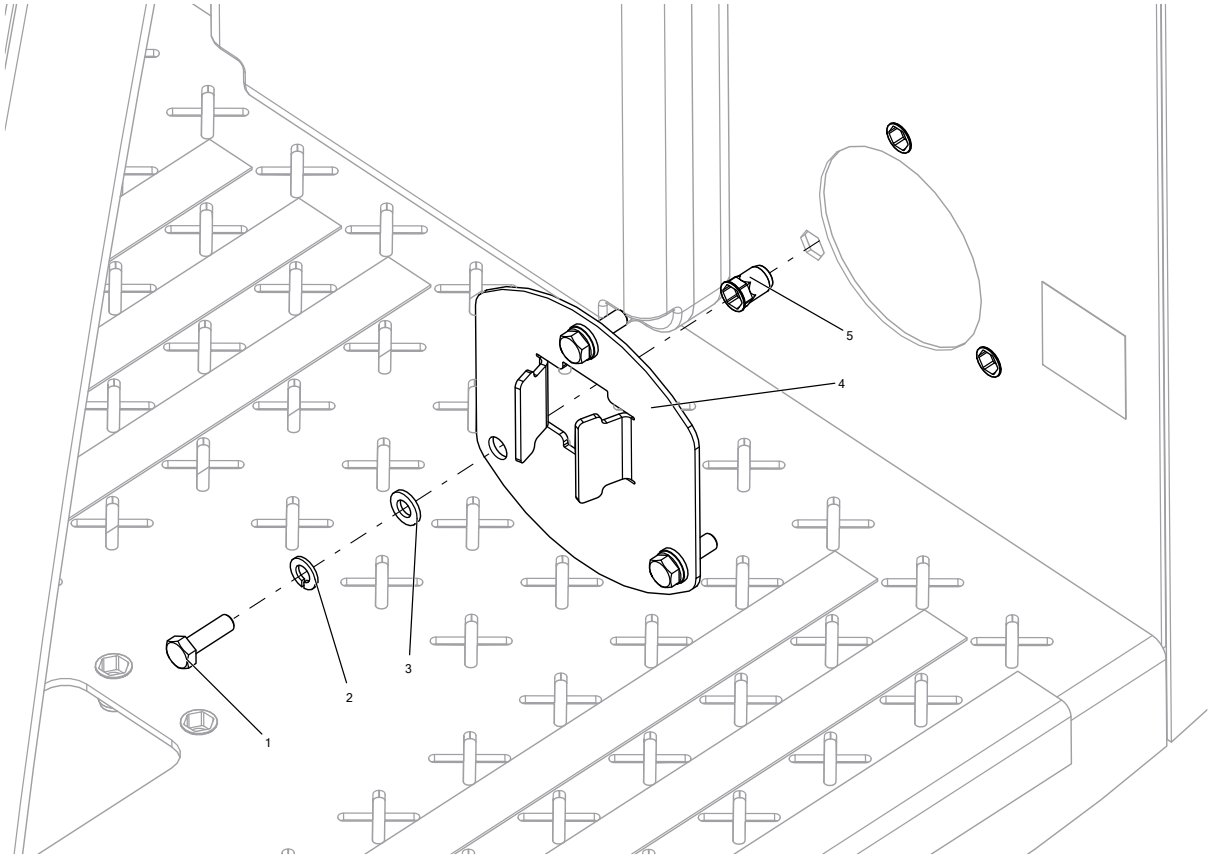


Figure 157: LM1-501-124 DUMP VALVE SWITCH PLATE KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS06020Z	3	M6 X 20 HEX HEAD SCREW 8.8	
2	XW06SZ	3	M6 SPRING WASHER	
3	XW06AZ	3	M6 FORM A WASHER	
4	LM1-500-30	1	PLATE - DUMP VALVE SWITCH	
5	XNS06H	3	M6 HEX NUTSERT	

Table 87: LM1-501-124 DUMP VALVE SWITCH PLATE KIT - BOM

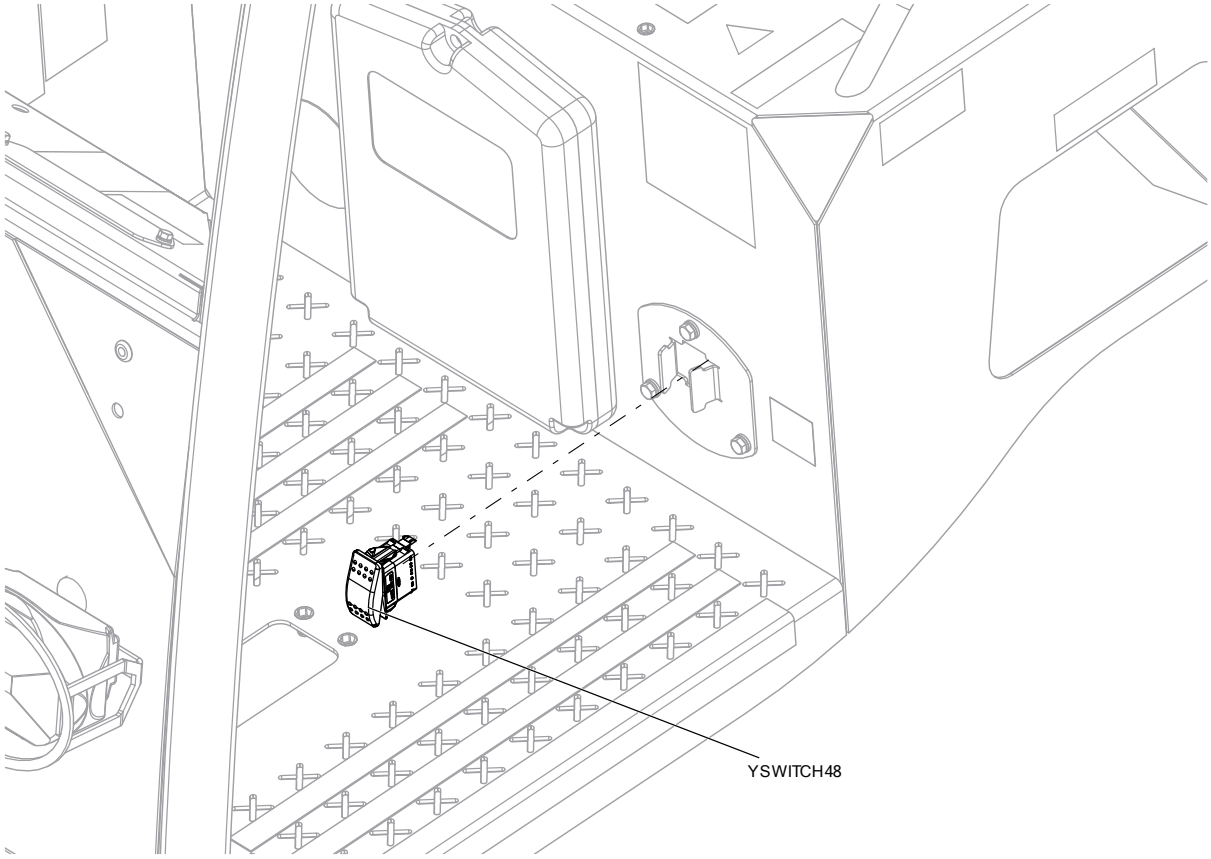


Figure 158: LM1-500-500 YSWITCH48 DUMP VALVE SWITCH

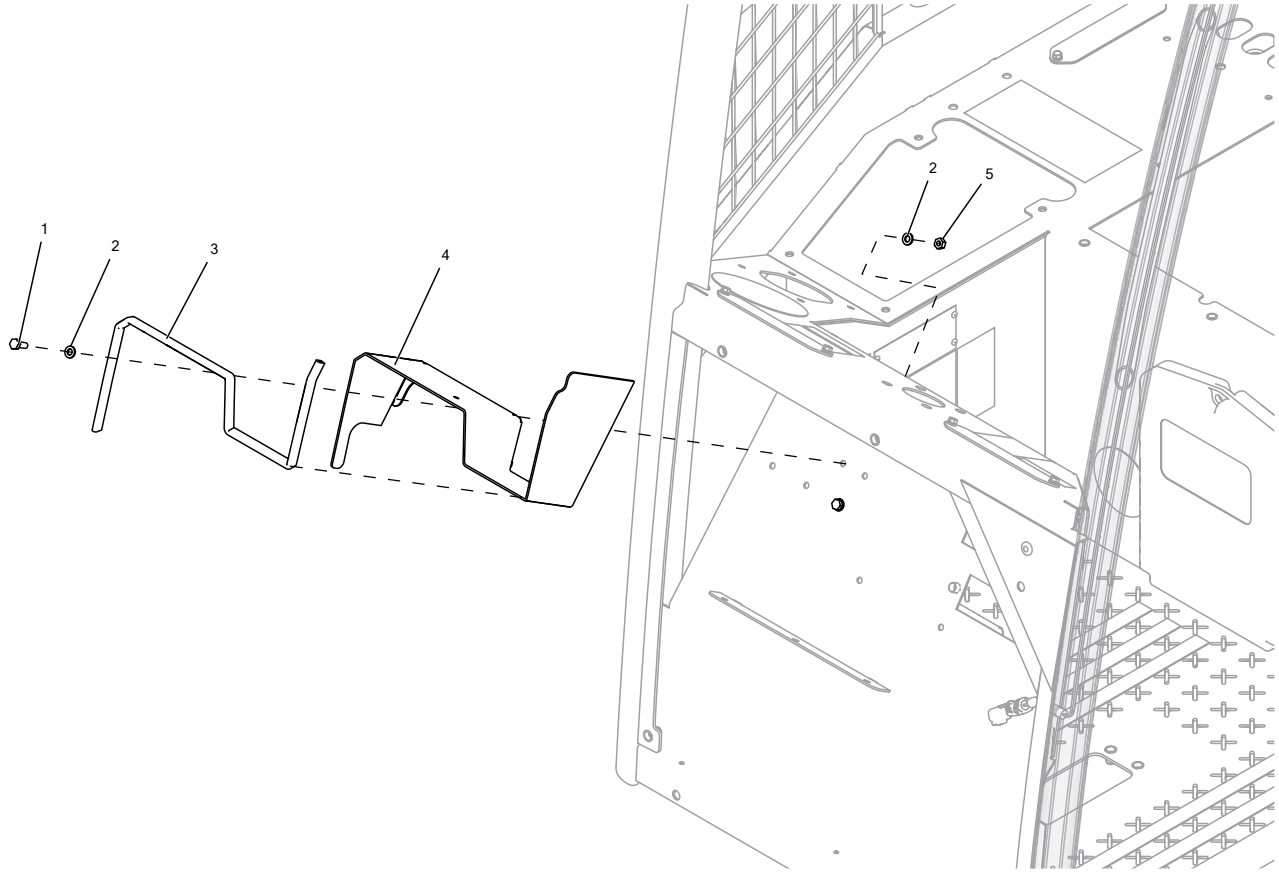


Figure 159: LM1-501-131 LOOM GUARD ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS06016Z	2	M6 X 16 HEX HEAD SCREW 8.8	
2	XW06AZ	4	M6 FORM A WASHER	
3	LM1-154-26	1	SEAL STRIP 7601501 X 575MM	
4	LM1-500-55	1	LOOM GUARD	
5	XN06N	2	M6 NYLOC NUT	

Table 88: LM1-501-131 LOOM GUARD ASSEMBLY - BOM

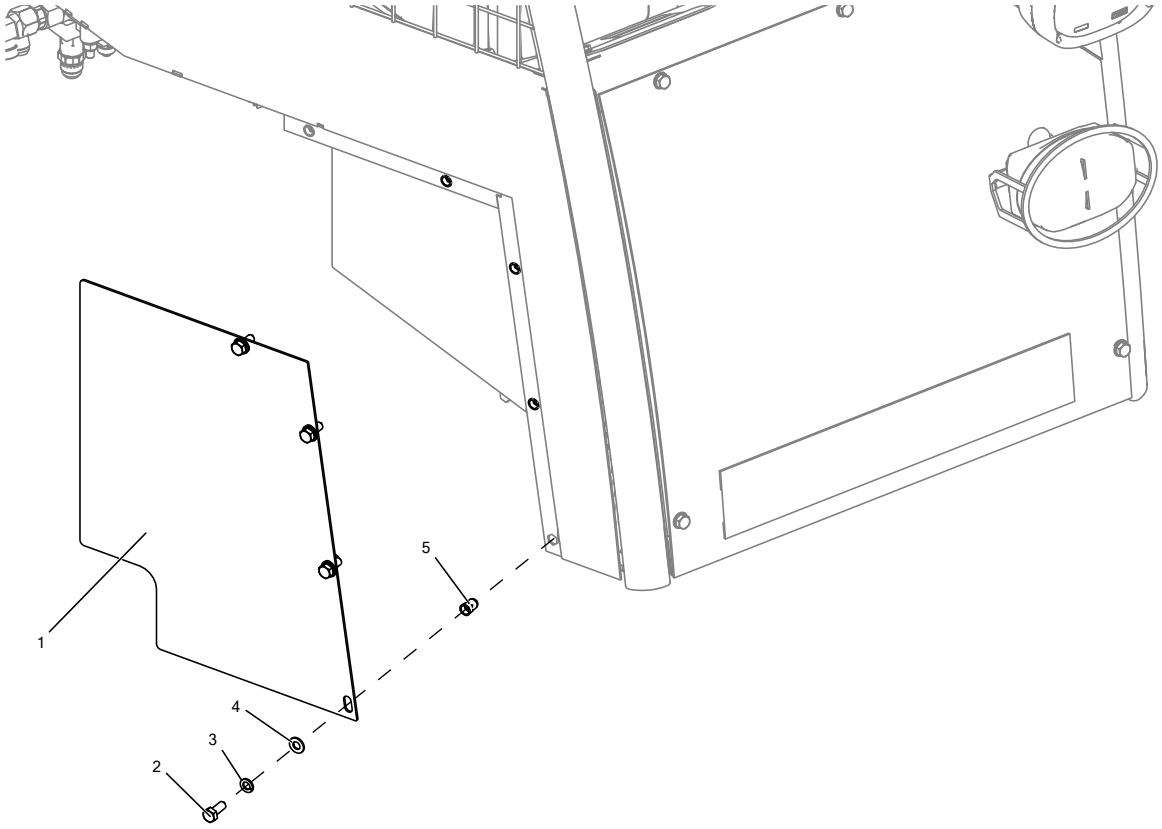


Figure 160: LM1-501-126 SIDE PANEL

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-500-13	1	SIDE PANEL	
2	XS08020Z	4	M8 X 20 HEX HEAD SCREW 8.8	
3	XW08SZ	4	M8 SPRING WASHER	
4	XS08AZ	4	M8 FORM A WASHER	
5	XNS08H	4	M8 HEX NUTSERT	

LM1-501-126 SIDE PANEL

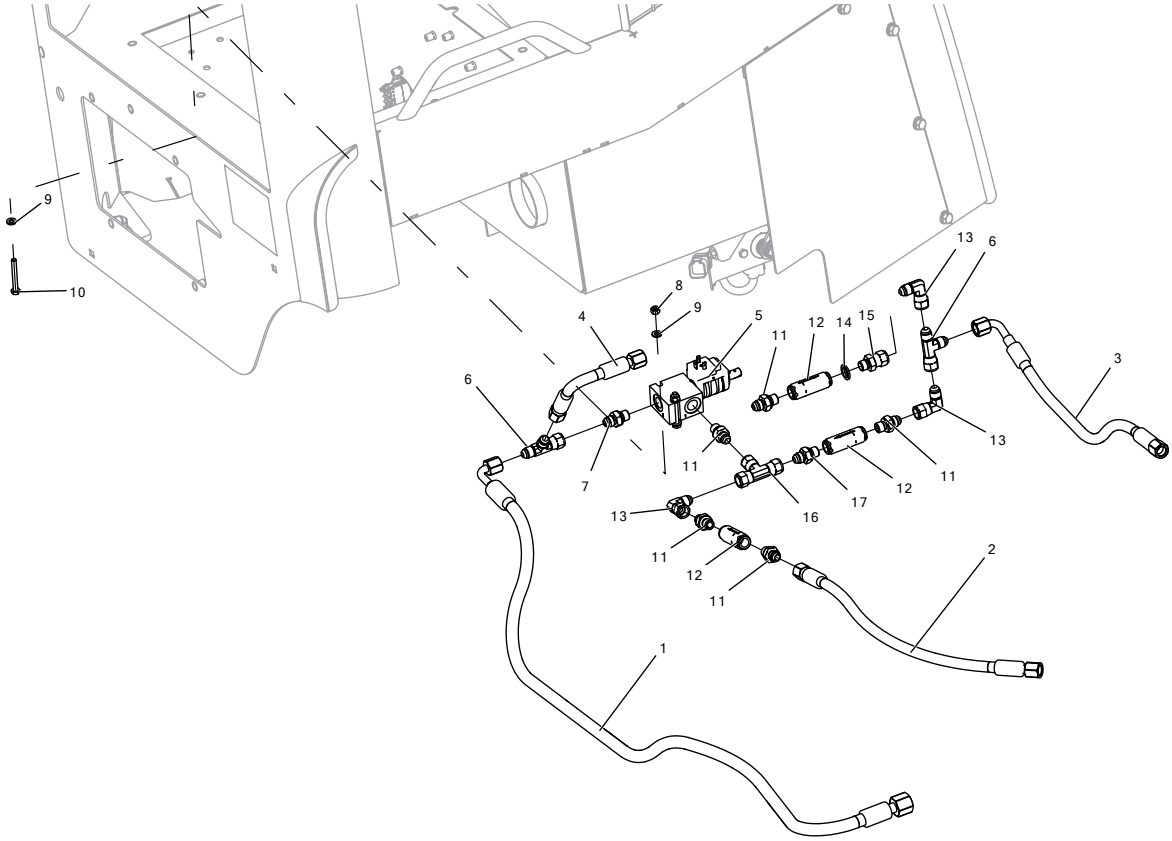


*Figure 161: DUMP VALVE ASM JIC & HOSES (**MODEL NUMBER UP TO 855-959**)*

ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	LM1-700-J321	1	JIC Diff Block "T" Tee to YVALVE17 Rear Tee	LM1-700-M321
2	LM1-700-J319	1	JIC Valve Bank Section 3 Rear Tee to YVALVE17 Rear Bottom Check Valve	LM1-700-M319
3	LM1-700-J318	1	JIC Valve Bank Section 1 Front Tee to YVALVE17 Front Tee	LM1-700-M318
4	LM1-700-J320	1	JIC Top Rear Check Valve to YVALVE17 Rear Tee Branch	LM1-700-M320
5	YVALVE17	1	N/C 2/2 SOLENOID VALVE	-
6	YHT9-16JMFM	2	9/16"JIC MFM BRANCH TEE (J16)	YHT8LMFM
7	YHAR-1MM-1-4-9-16J	1	1MM RESTRICTED ADAPTOR 1/4" BSP TO 9/16"JIC	YHAR-1MM-1.4-8L
8	XN08N	2	M8 NYLOC NUT	-
9	XW08AZ	4	M8 FORM A WASHER	-
10	XS08020Z	2	M8 X 20 HEX HEAD SCREW 8.8	-
11	YHA1.4-9.16J	5	1/4"BSP-9/16"JIC ADAPTOR WITH INTEGRAL SEAL (J2)	YHA1.4-8L
12	YHCKV1.4FF	3	TH19-0192 - IN-LINE CHECK VALVE 1/4"BSP F/F	-
13	YHA9.16JMFE	3	9/16"JIC MF ELBOW (J18)	YHA8LMFE
14	YHS1/4D	1	1/4"BSP DOWTY SEAL (1)	NOT REQUIRED
15	YHA1.4-9.16JF	1	1/4"BSP TO 9/16"JIC FEMALE SWIVEL ADAPTOR (J3)	YHA1.4-8LF
16	YHT9.16JFFF	1	9/16" TEE PIECE	YHA1.4-8LFM
17	YHA1.4-9.16J	1	1/4"BSP-9/16"JIC ADAPTOR WITH INTEGRAL SEAL (J2)	YHA1.4-8LF

Table 89: LM1-707-30 DUMP VALVE ASM JIC & HOSES (MODEL NUMBER UP TO 855-959) - BOM

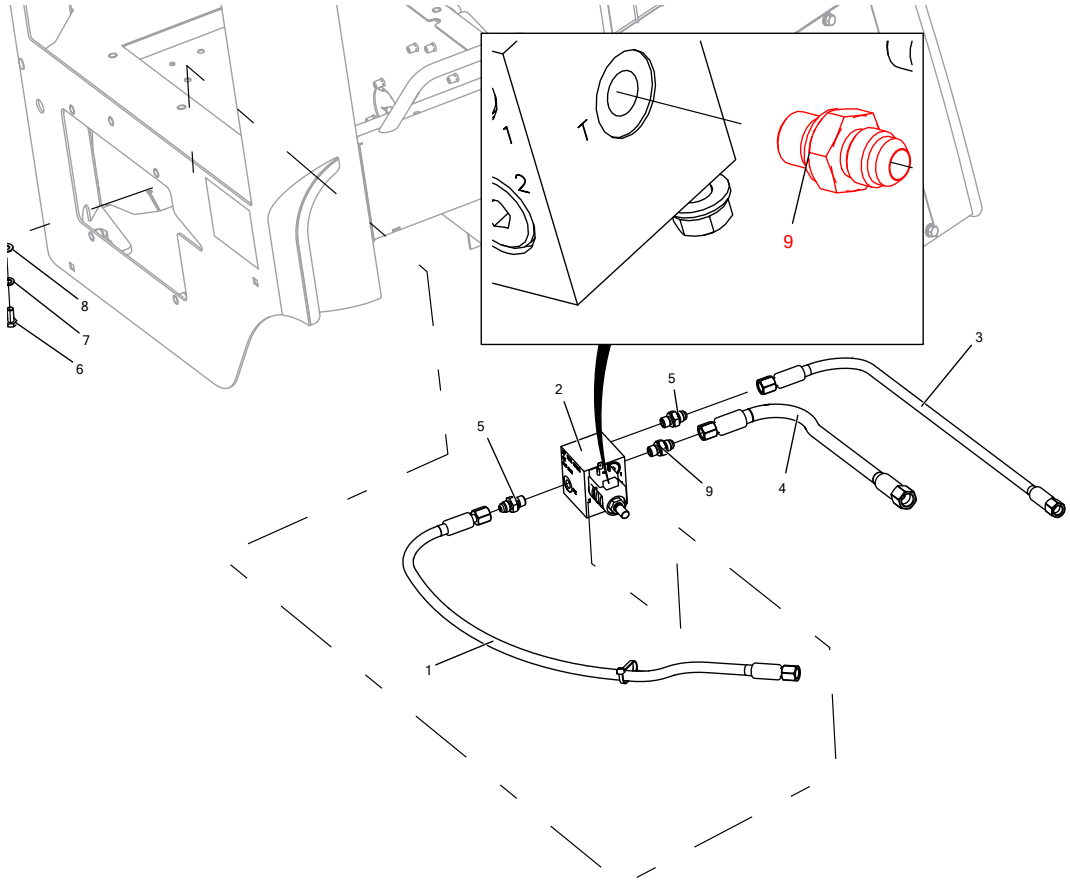


*Figure 162: DUMP VALVE WITH FIXINGS AND HOSES JIC (**MODEL NUMBER 855-960 ONWARDS**)*

ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	LM1-700-J323	1	YBLOCK8 TO LEVER BANK POSITION 3 TEE JIC	LM1-700-M323
2	LM1-707-50	1	DUMP VALVE (YBLOCK8) WITH FASTNERS	-
3	LM1-700-J324	1	YBLOCK8 TO LEVER BANK POSITION 1 TEE JIC	LM1-700-M324
4	LM1-700-J322	1	YBLOCK8 TO 6-PORT MANIFOLD JIC	LM1-700-M322 + YHA8LF-10LF (ADAPTER)
5	YHA1.4-9.16J	2	1/4"BSP-9/16"JIC ADAPTOR WITH INTEGRAL SEAL (J2)	YHA1.4-8L
6	XS08020Z	2	M8 X 20 HEX HEAD SCREW 8.8	-
7	XS08SZ	2	M8 SPRING WASHER	-
8	XW08AZ	2	M8 FORM A WASHER	-
9	YHAR-1MM-1.4-9.16J	1	1MM RESTRICTED ADAPTOR 1/4" BSP TO 9/16"JIC	YHAR-1MM-1.4-8L

*Table 90: LM1-707-70 DUMP VALVE WITH FIXINGS AND HOSES JIC (**MODEL NUMBER 855-960 ONWARDS**)*

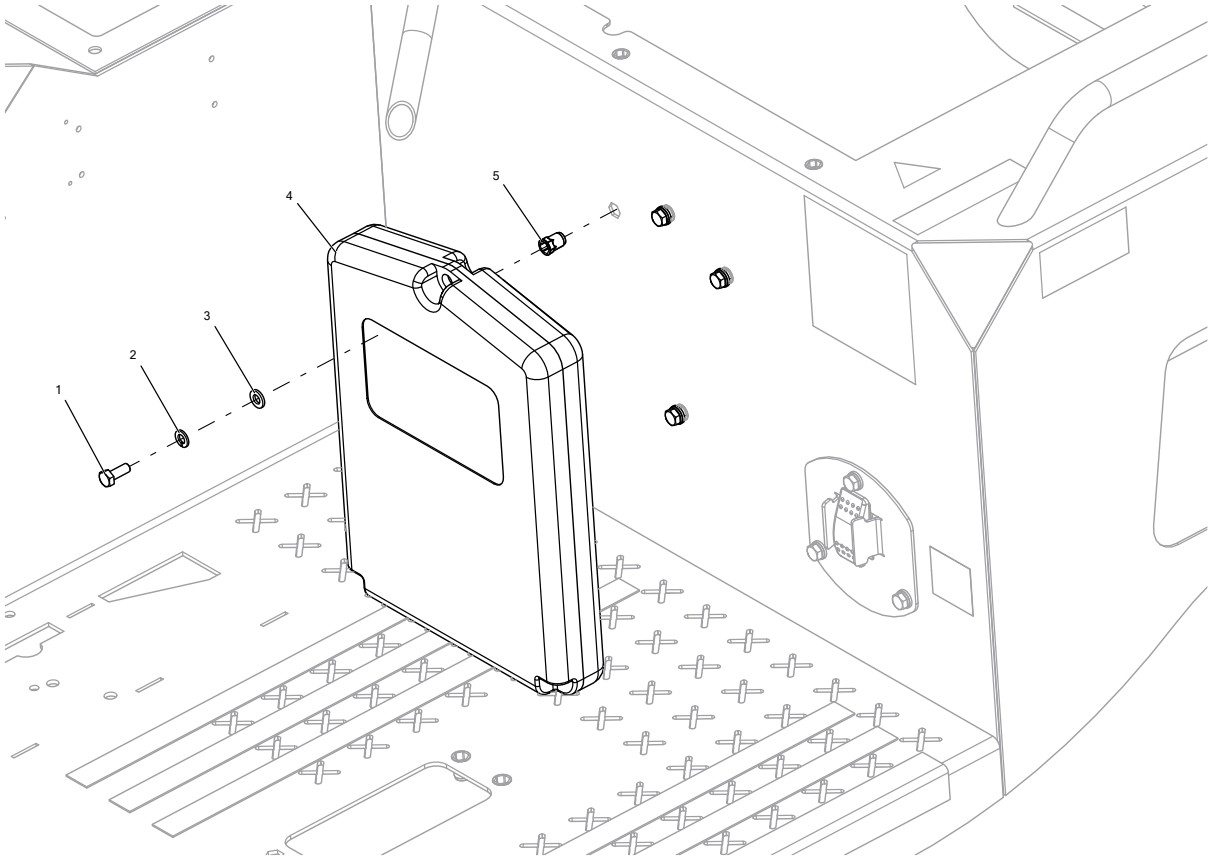


Figure 163: LM1-501-125 DOCUMENT HOLDER

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS06016Z	4	M6 X 16 HEX HEAD SCREW 8.8	
2	XW06SZ	4	M6 SPRING WASHER ZP	
3	XW06GZ	4	M6 FORM G WASHER	
4	YDOCHOLD4	1	DOCUMENT HOLDER	
5	XNS06H	4	M6 HEX NUTSERT	

Table 91: LM1-501-125 DOCUMENT HOLDER - BOM

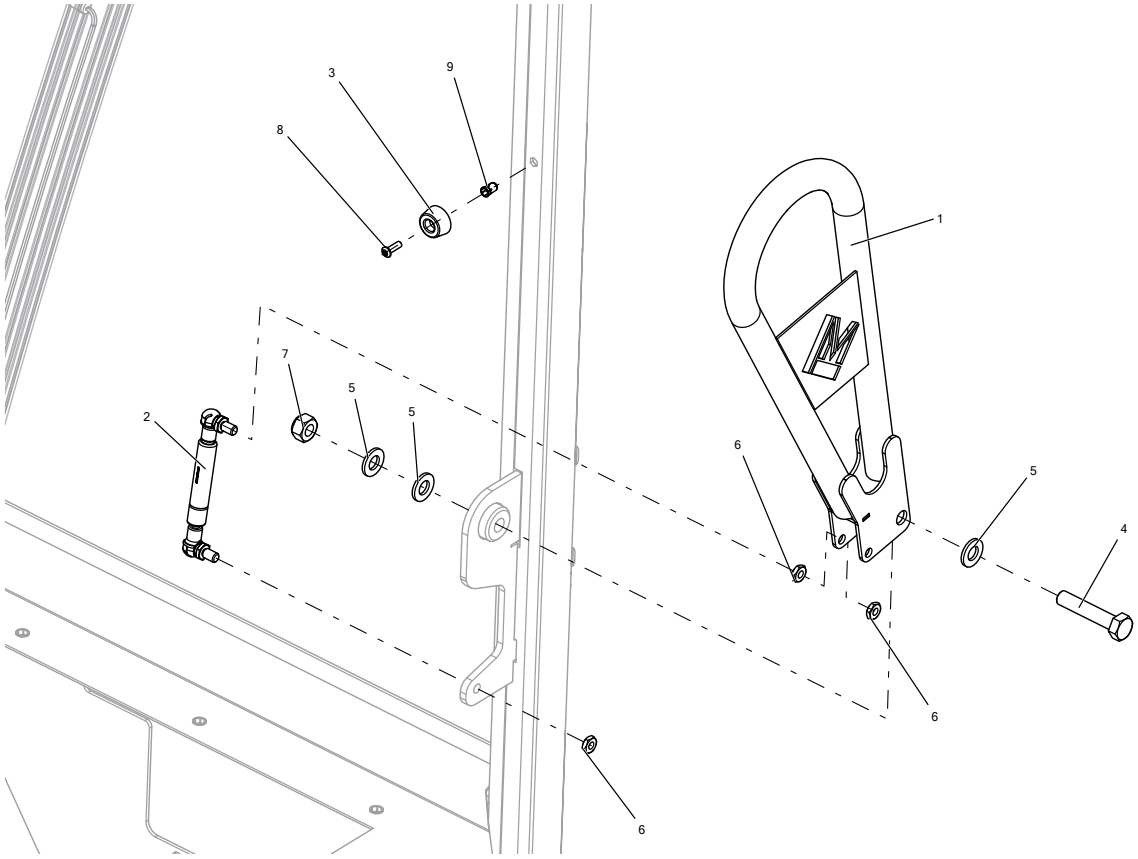


Figure 164: LM1-501-130 ARM REST GUARD

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-505-00	1	ARM REST/GUARD	
2	YGASTRUT31	1	250N 155.5 MM GAS SPRING	
3	YBUFFER1	1	SMALL BUFFER STOP	
4	XS12060Z	1	M12 X 60 HEX HEAD SCREW 8.8	
5	XW12AZ	3	M12 FORM A WASHER	
6	XN08HZB	3	M8 HALF NUT	
7	XN12N	1	M12 NYLOC NUT	
8	XBUT05016SKTZB	1	M5 X 16 BUTTON HEAD SCREW 8.8	
9	XNS05H	1	M5 HEX NUTSERT	

Table 92: LM1-501-130 ARM REST GUARD – BOM

CHAPTER5.4: FRONT COVER PANEL ASSEMBLY AND LHS INDICATOR LIGHT

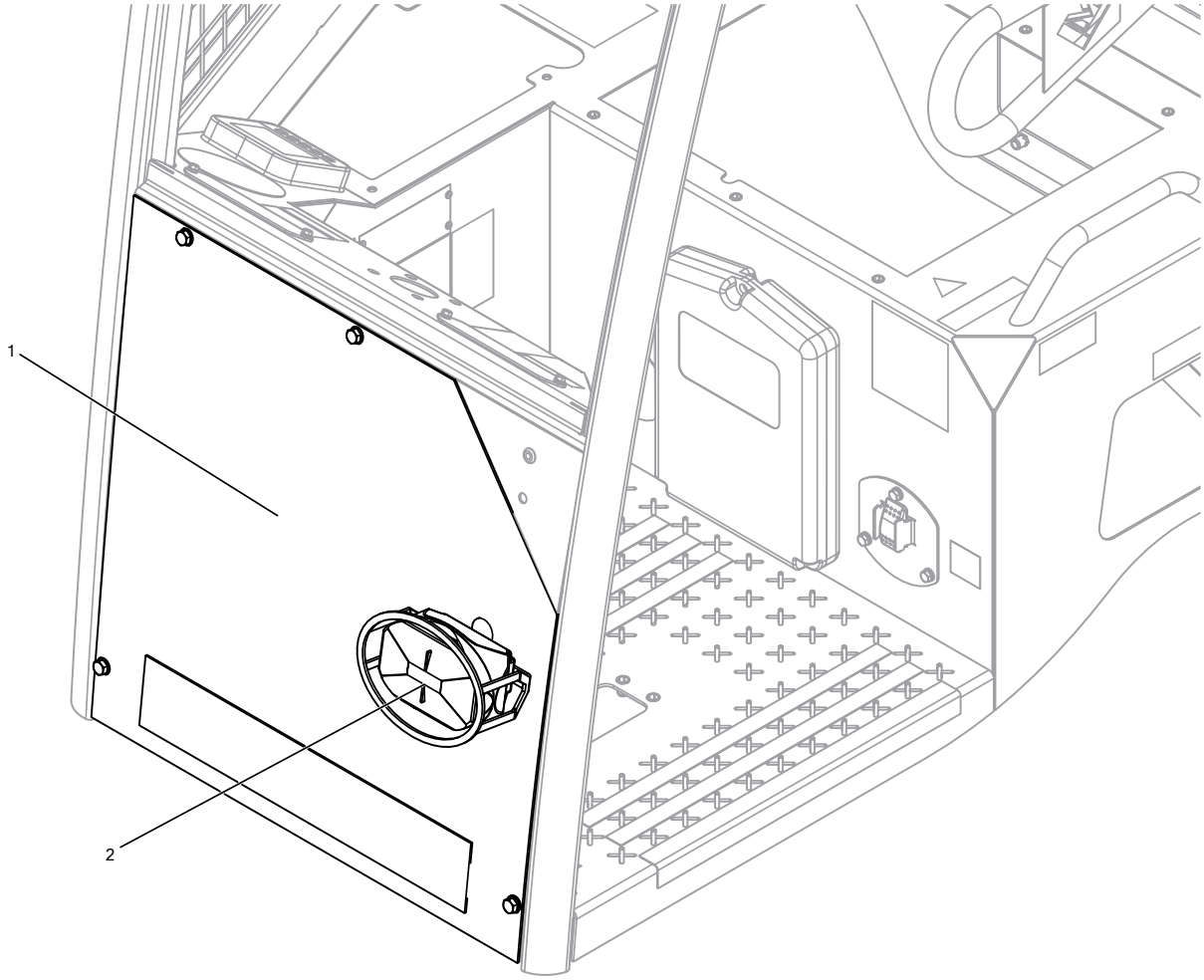


Figure 165: LM1-501-128 FRONT COVER PANEL ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-500-54	1	CAB DASH COVER PANEL WITH SEAL AND DECAL	
2	LM1-840-01	1	CAB INDICATOR LIGHT ASSEMBLY	

Table 93: LM1-501-128 FRONT COVER PANEL ASSEMBLY – BOM

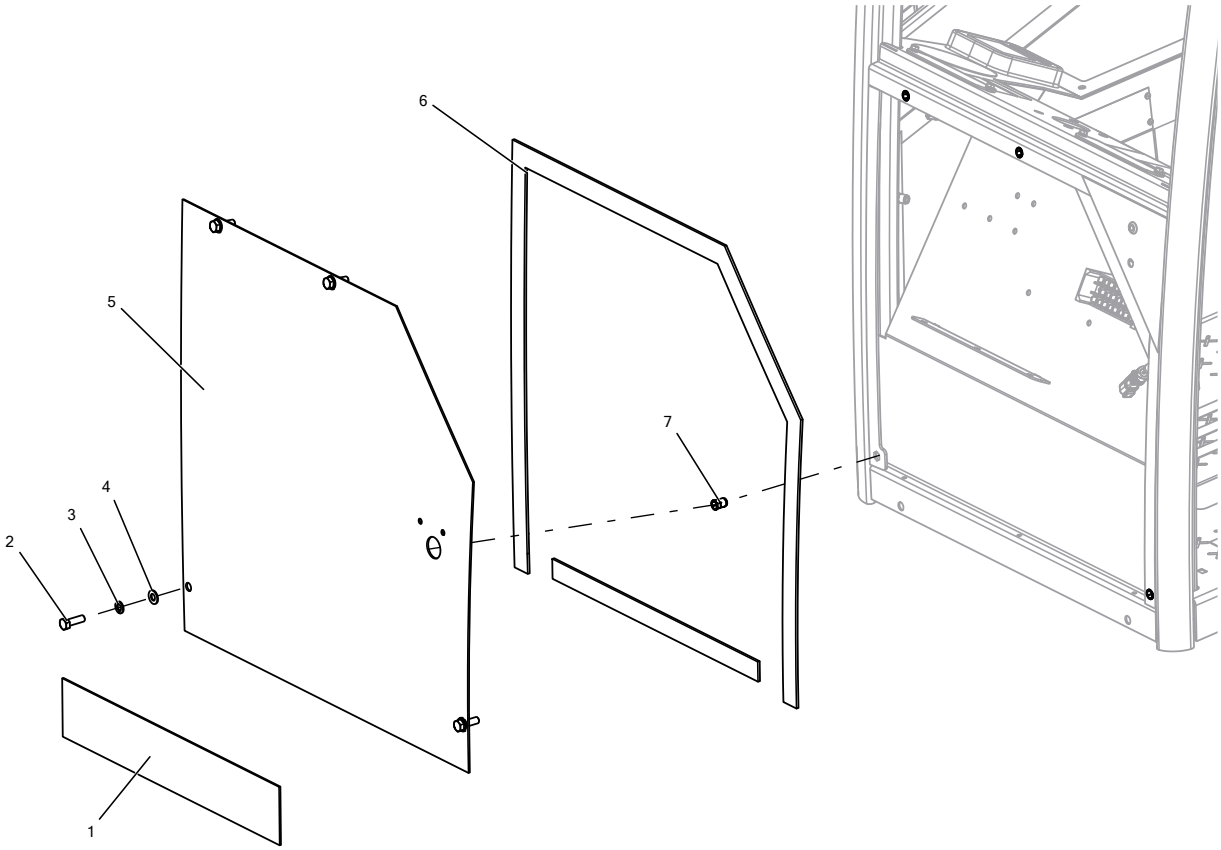


Figure 166 LM1-500-54 CAB DASH COVER PANEL WITH SEAL AND DECAL

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-901-18	1	FRONT PANEL LOADMAC LOGO DECAL	
2	XS08025Z	4	M8 X 25 HEX HEAD SCREW 8.8	
3	XW08SZ	4	M8 SPRING WASHER	
4	XW08AZ	4	M8 FORM A WASHER	
5	LM1-500-02	1	FRONT PANEL	
6	LM1-500-56	1	YTAPE2 X 1.93M	
7	XNS08H	4	M8 HEX NUTSERT	

Table 94: LM1-500-54 CAB DASH COVER PANEL WITH SEAL AND DECAL

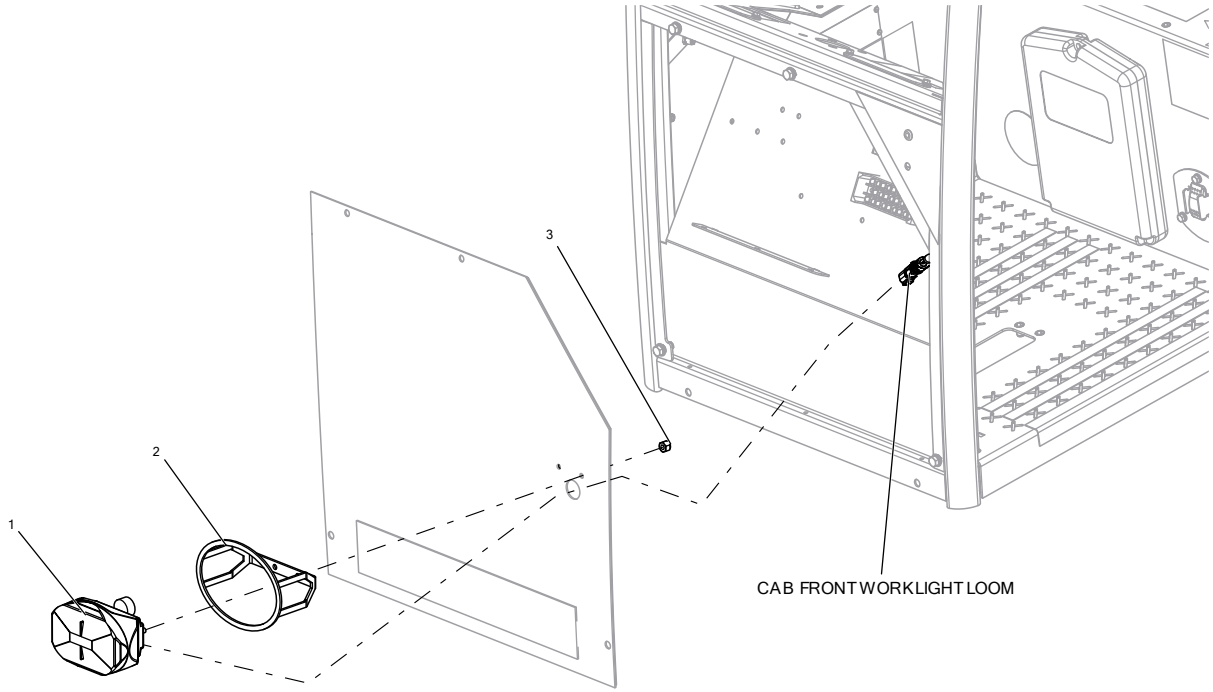


Figure 167: LM1-840-01 FRONT LIGHT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YLIGHT27	1	LH SIDE/INDICATOR LAMP	
2	LM1-712-00	1	MK2 LIGHT PROTECTION BRACKET	
3	XN08N	2	M8 NYLOC NUT	

Table 95: LM1-840-01 FRONT LIGHT ASSEMBLY – BOM

CHAPTER5.5: ORANGE BEACON LIGHT

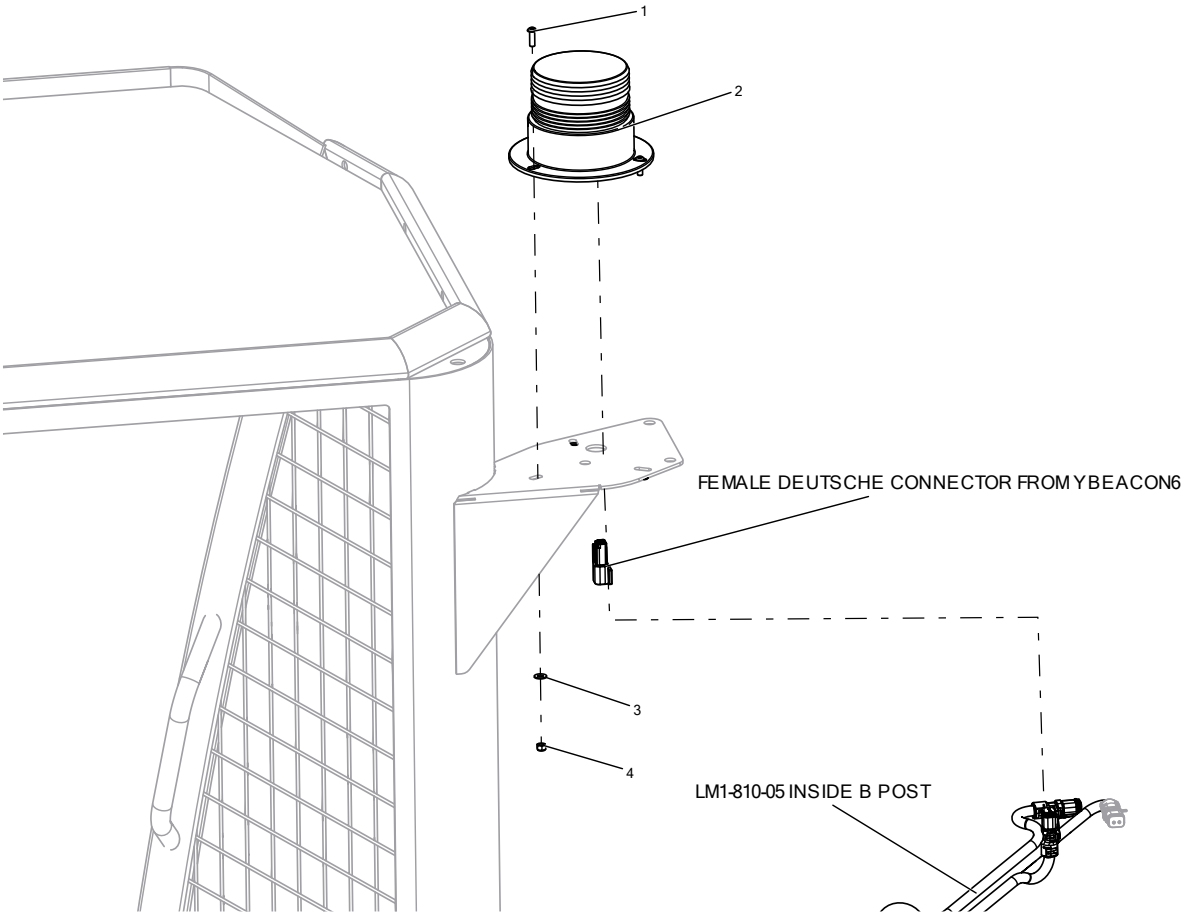


Figure 168: LM1-840-03 ORANGE BEACON LIGHT

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XBUT05016SKTZB	3	M5 X 16 BUTTON HEAD SCREW 8.8	
2	YBEACON6	1	AMBER BLASHING BEACON	
3	XW05CZB	3	M5 FORM A WASHER	
4	XN05N	3	M5 NYLOC NUT	

Table 96: LM1-840-03 ORANGE BEACON LIGHT – BOM

CHAPTER5.6: SEATBELT GREEN BEACON WARNING KIT OPTION

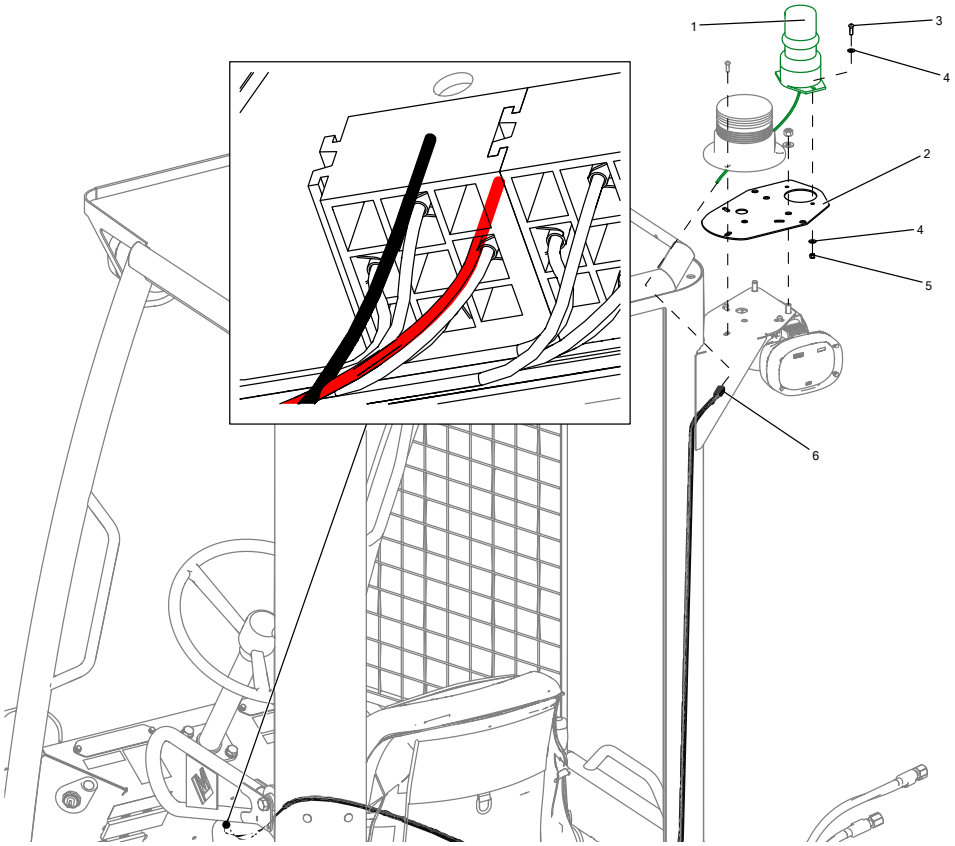


Figure 169: LM8SBWB SEATBELT BEACON WARNING KIT

ITEM	PART NUMBER	QUANTITY	DESCRIPTION
1	YLIGHT69	1	GREEN LED FLASHING BEACON
2	LM1-513-01	1	GREEN BEACON PLATE
3	XBUT05016SKTZB	2	M5 X 16 BUTTON HEAD SCREW 8.8
4	XW05AZ	4	M5 FORM A WASHER
5	XN05N	2	M5 NYLOC NUT
6	LM1-831-00	1	SECONDARY BEACON LOOM

Table 97: LM8SBWB SEATBELT BEACON WARNING KIT - BOM

CHAPTER5.7: FUSES / DISPLAY / IGNITION / GLOW PLUG

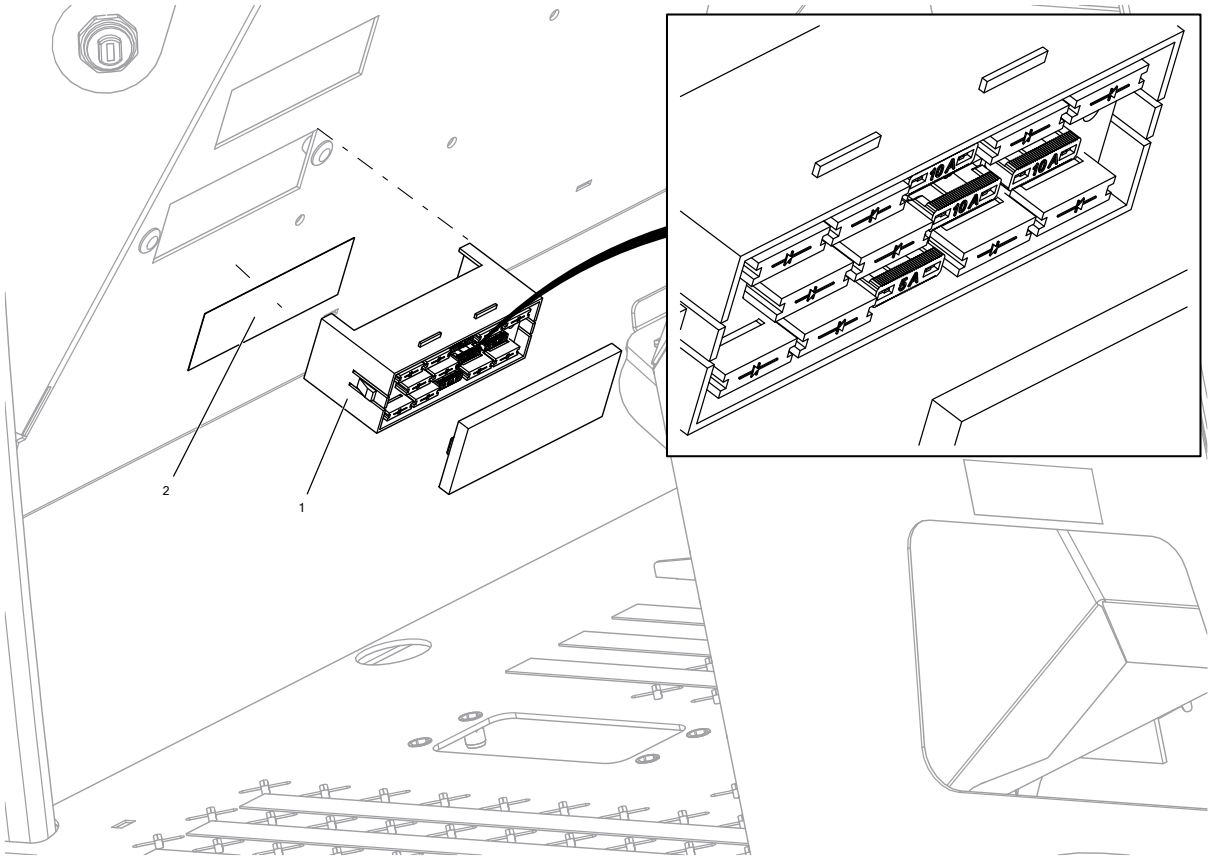


Figure 170 LM1-840-06 DASHBOARD FUSEBOX ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YFUSEBOX2	1	14 WAY FUSE HOLDER - COBO 1027838	
2	LM1-901-78 LM1-901-74	1	USA/CAN FUSEBOX DECAL ALL OTHER TERRITORIES FUSEBOX DECAL	

Table 98: LM1-840-06 DASHBOARD FUSEBOX ASSEMBLY

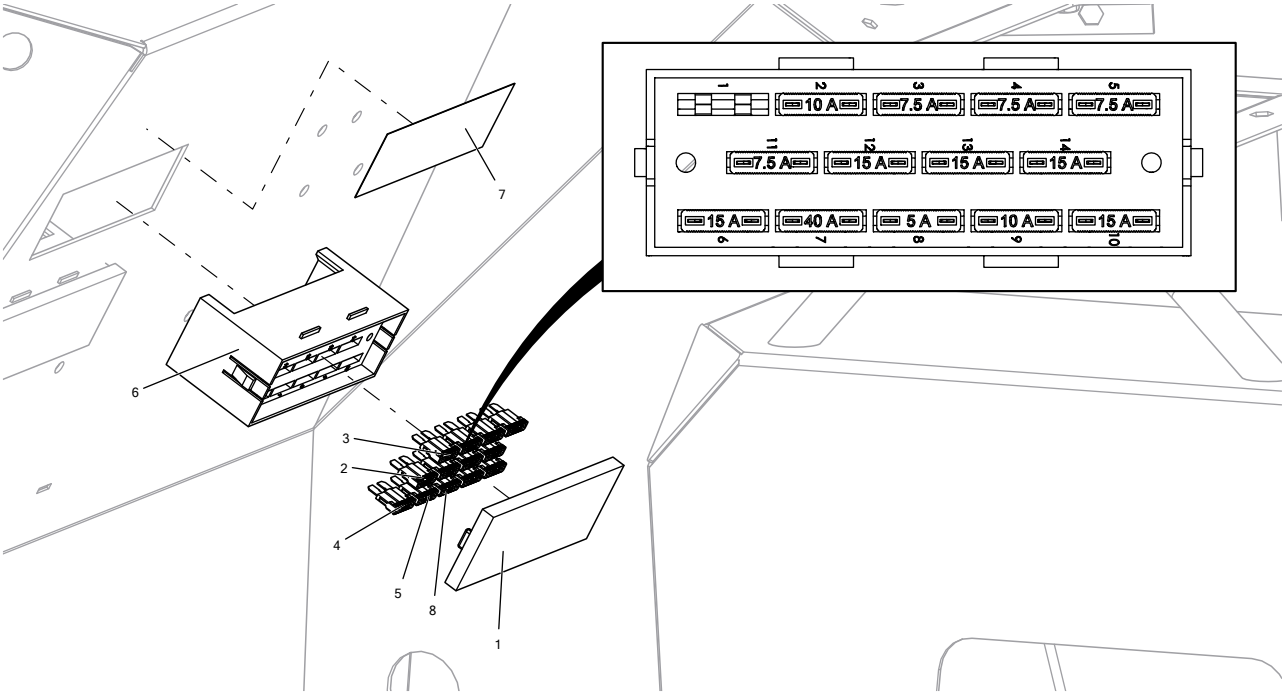


Figure 171: LM1-840-04 YFUSEBOX2 FUSES STANDARD ACCESSORIES – 2 WAY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YFUSEBOX2-LID	1	FUSEBOX LID	
2	YFUSE4	4	7.5A FUSE	
3	YFUSE3	2	10A FUSE	
4	YFUSE2	5	15A FUSE	
5	YFUSE10	1	40A FUSE	
6	YFUSEBOX2-HOUSING	1	FUSEBOX HOUSING	
7	LM1-901-73	1	SIDE CHASSIS DECAL	
8	YFUSE6	1	5A FUSE	

Table 99: LM1-840-04 YFUSEBOX2 FUSES STANDARD ACCESSORIES – 2 WAY - BOM

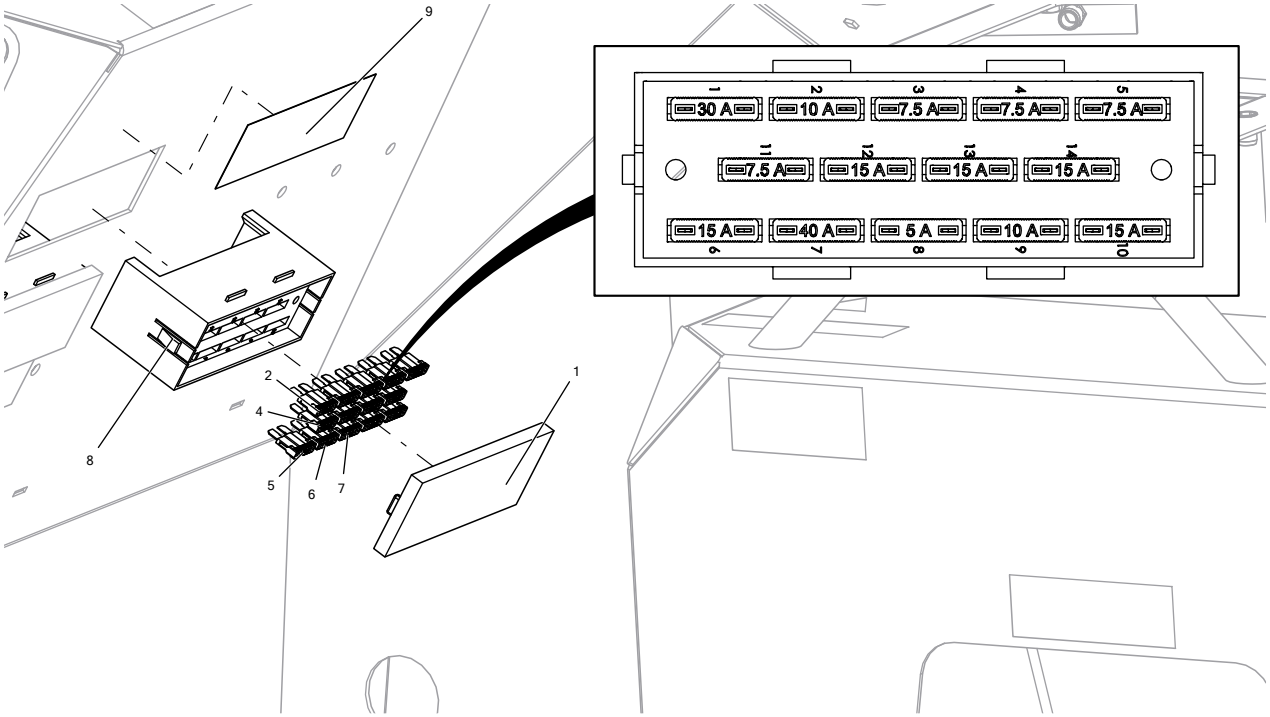


Figure 172: LM1-840-05 YFUSEBOX2 FUSES STANDARD ACCESSORIES – 4 WAY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YFUSEBOX2-LID	1	FUSEBOX LID	
2	YFUSE5	1	30A FUSE	
3	YFUSE3	2	10A FUSE	
4	YFUSE4	4	7.5A FUSE	
5	YFUSE2	5	15A FUSE	
6	YFUSE10	1	40A FUSE	
7	YFUSE6	1	5A FUSE	
8	YFUSEBOX2-HOUSING	1	FUSEBOX HOUSING	
9	LM1-901-73	1	REAR LIGHTS FUSE BOX DECAL	

Table 100: LM1-840-05 YFUSEBOX2 FUSES STANDARD ACCESSORIES – 4 WAY - BOM

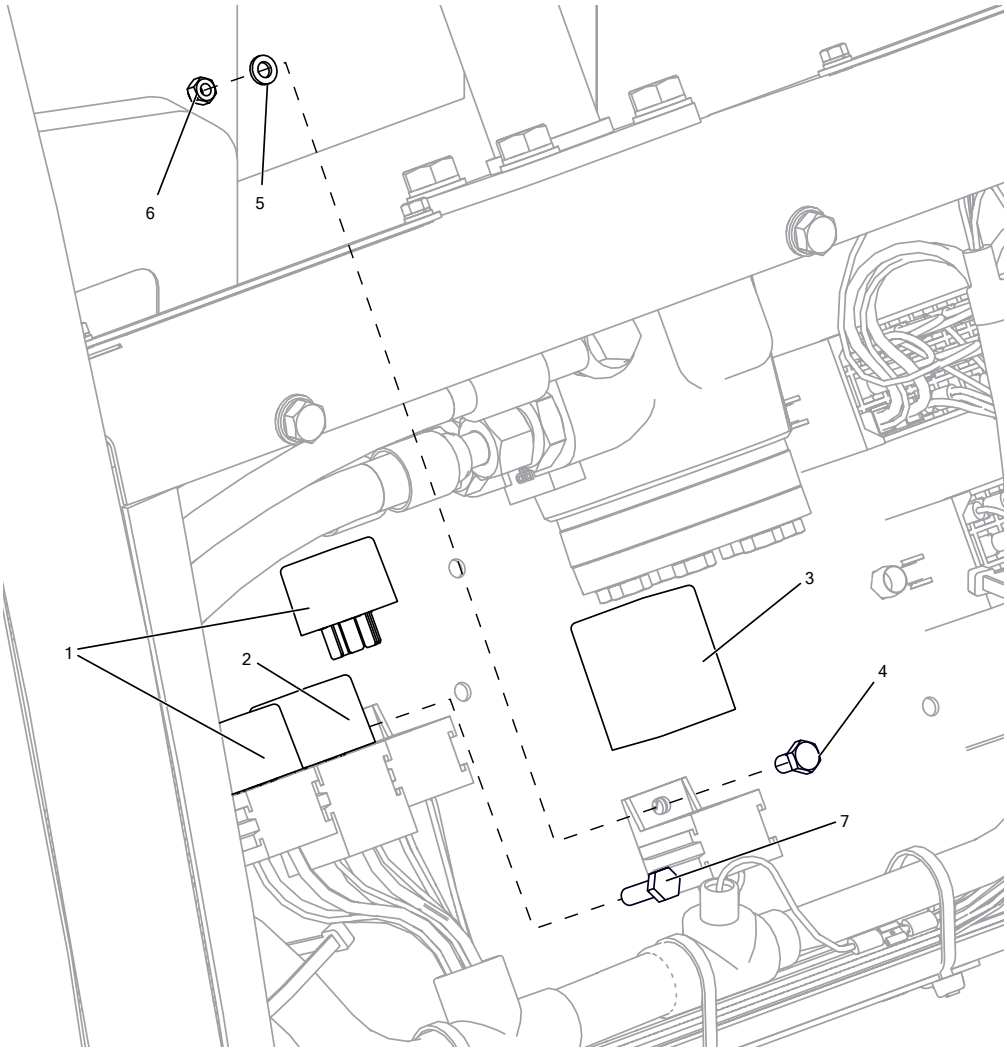


Figure 173: CAB RELAY POSITIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YRELAY6	2	5 PIN, 30A, 12V DC, RELAY WITH DIODE 85 >I 86	
2	YRELAY5	1	STARTER MOTOR RELAY FOR HATZ ENGINE LOOM	
3	YFLASH3	1	LED FLASHER RELAY	
4	XS06016Z	1	M6 X 16 HEX HEAD SCREW 8.8	
5	XW06AZ	4	M6 FORM A WASHER	
6	XN06N	4	M6 NYLOC NUT	
7	XS06020Z	2	M6 X 20 HEX HEAD SCREW 8.8	

Table 101: CAB RELAY POSITIONS - BOM

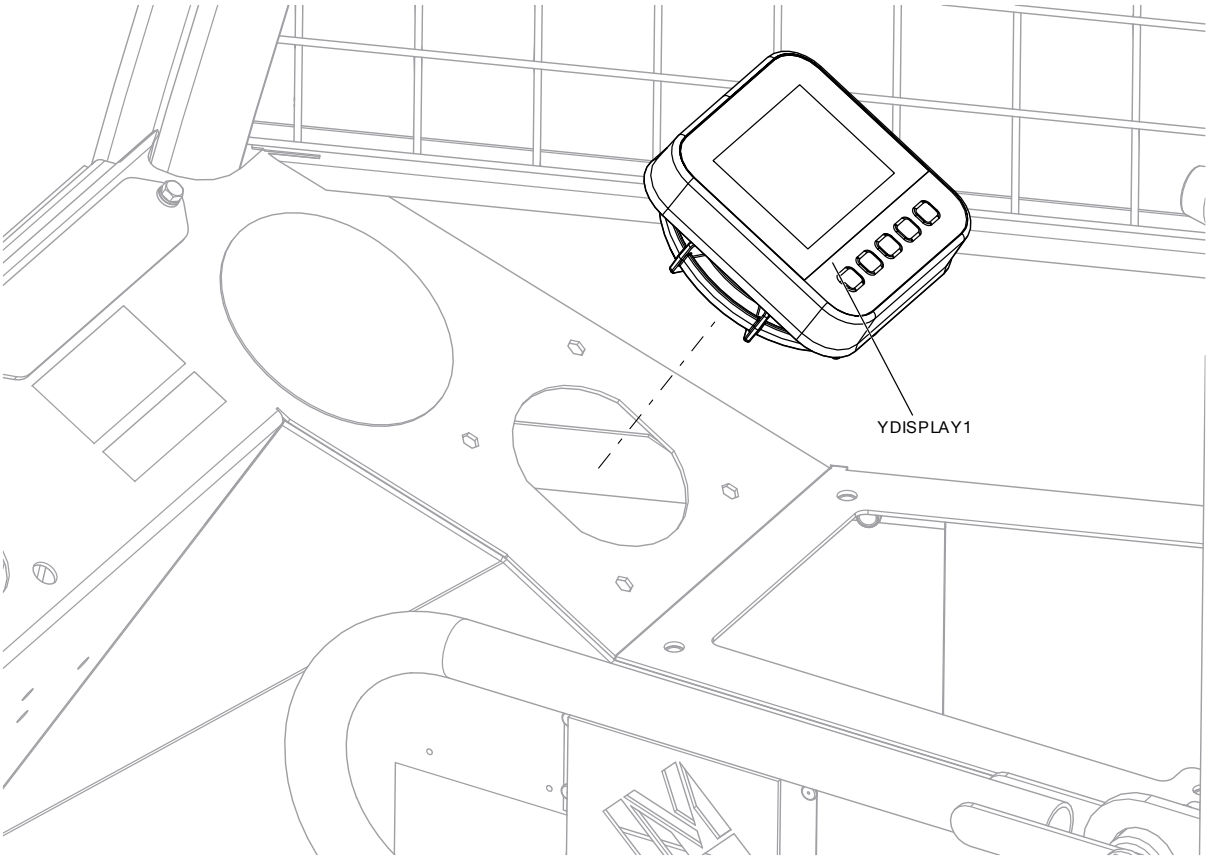


Figure 174: YDISPLAY1 DISPLAY SCREEN

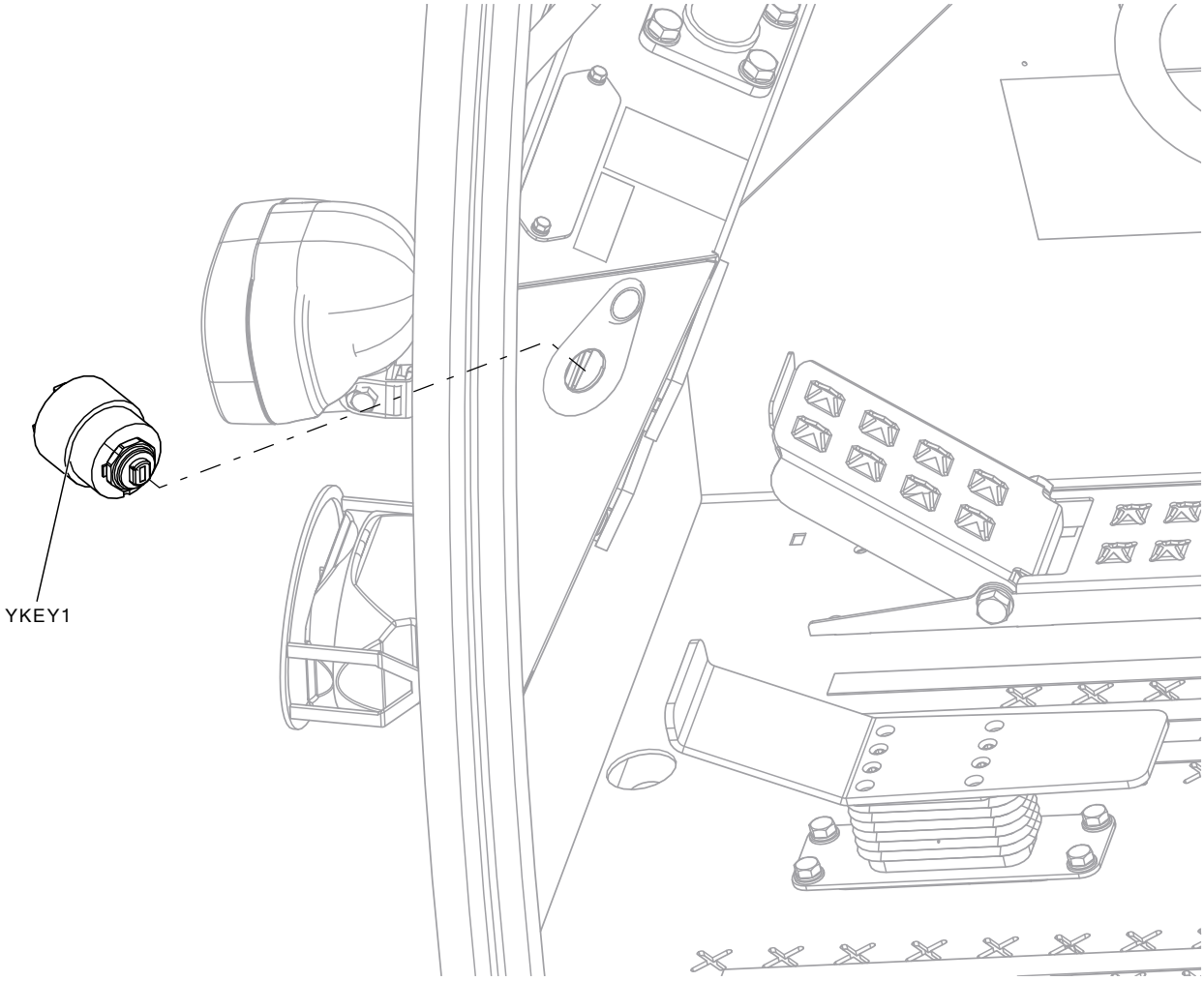


Figure 175: YKEY1 IGNITION KEY SWITCH

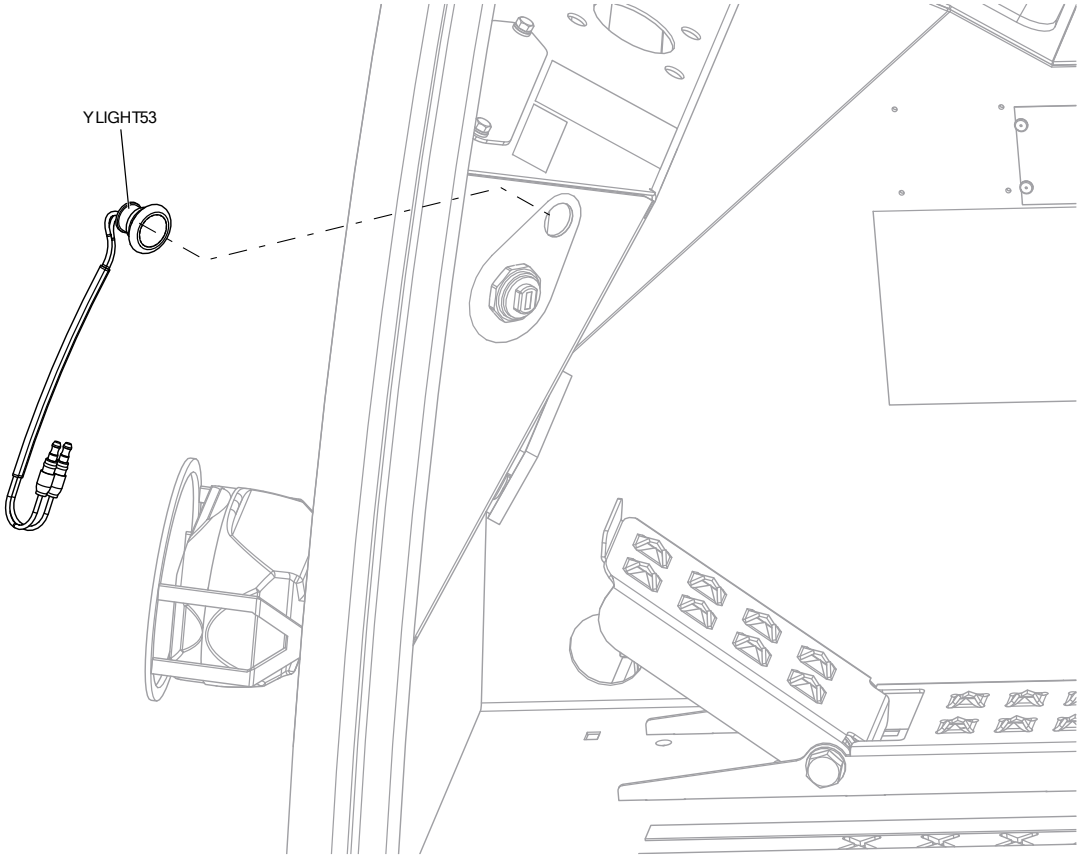


Figure 176: YLIGHT53 GLOW PLUG LIGHT

CHAPTER5.8: SWITCH PANEL ARRANGEMENT FOR 2 WAY AND 4 WAY

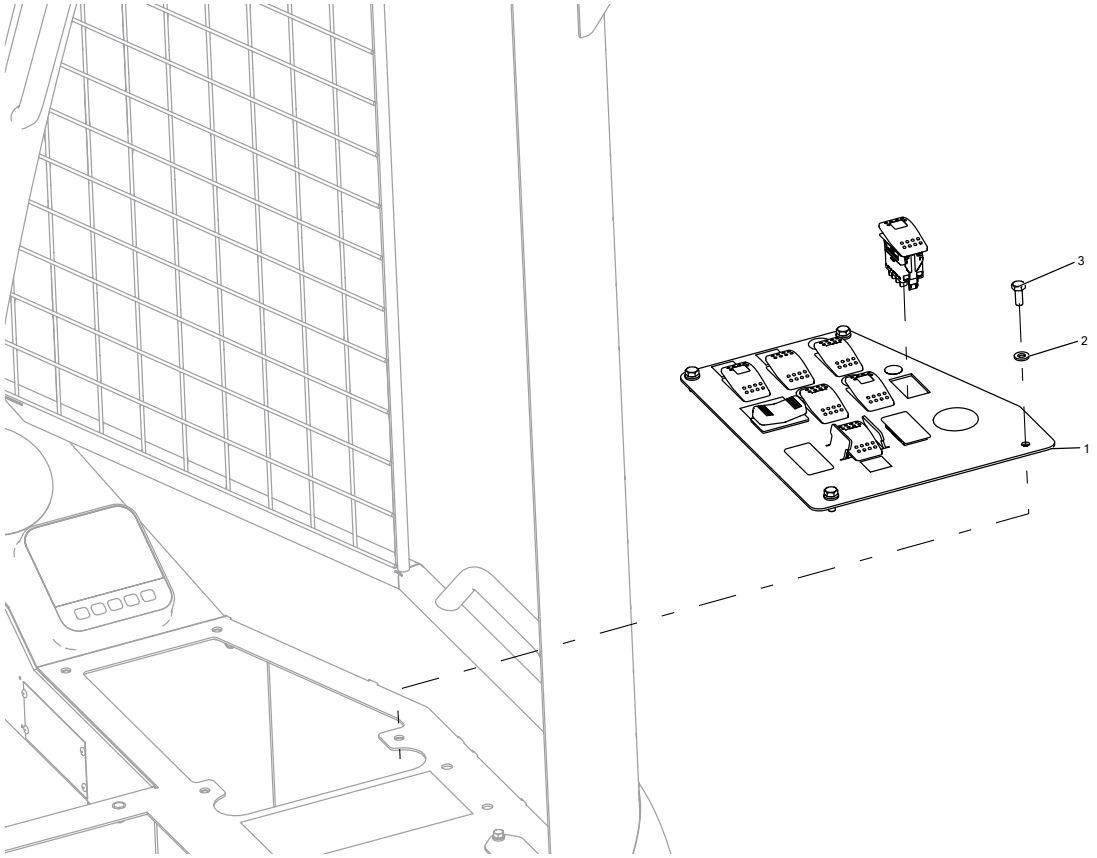


Figure 177: LM1-500-16 MAIN SWITCH PANEL GENERIC

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-500-16	1	SWITCH PANEL PLATE	
2	XW06AZ	4	M6 FORM A WASHER	
3	XS06016Z	4	M6 X 16 HEX HEAD SCREW 8.8	

Table 102: LM1-500-16 MAIN SWITCH PANEL GENERIC – BOM

USA/CAN 2-WAY

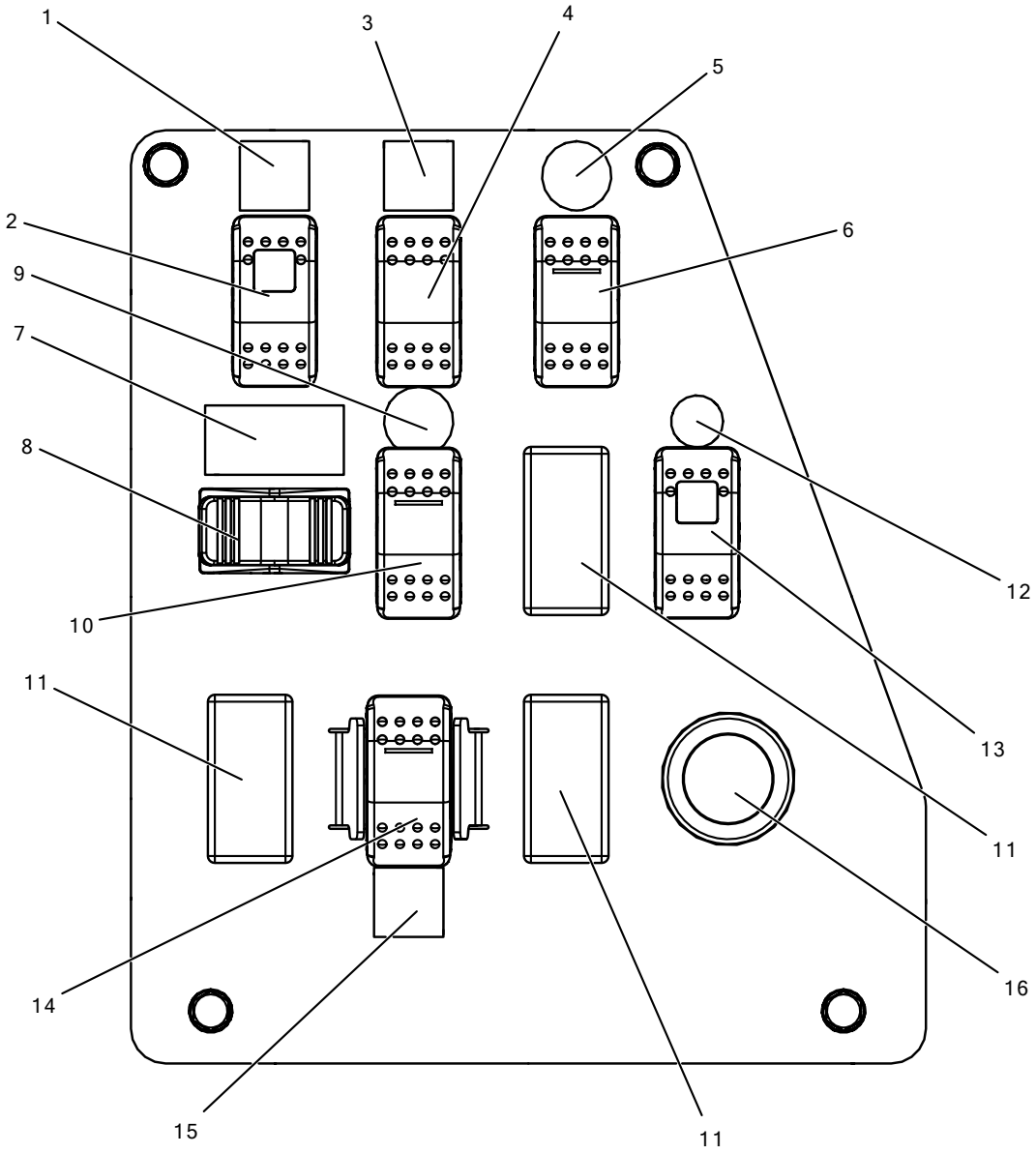


Figure 178: LM1-516-30 MAIN SWITCH PANEL USA-CAN 2-WAY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-901-10	1	DIFF LOCK DECAL	
2	YSWITCH49	1	DIFF LOCK SWITCH	
3	LM1-901-19	1	HORN DECAL	
4	YSWITCH48	1	HORN SWITCH	
5	LM1-901-40	1	UPPER WORKLIGHTS DECAL	
6	YSWITCH47	1	UPPER WORKLIGHTS SWITCH	
7	LM1-901-24	1	INDICATOR DECAL	
8	YSWITCH63	1	INDICATOR SWITCH	
9	LM1-901-17	1	FRONT WORKLIGHT / HEADLIGHTS DECAL	
10	YSWITCH47	1	FRONT WORKLIGHT / HEADLIGHTS SWITCH	
11	YSWITCH50	3	SWITCH BLANK	
12	LM2-901-01	1	REVERSE BUZZER MUTE DECAL	
13	YSWITCH49	1	REVERSE BUZZER MUTE SWITCH	
14	YSWITCH47	1	PARK BRAKE SWITCH	
15	LM1-901-31	1	PARK BRAKE DECAL	
16	YGR231.8	1	GROMMET 31.8MM	

Table 103: LM1-516-30 MAIN SWITCH PANEL USA-CAN 2-WAY

USA/CAN 4-WAY

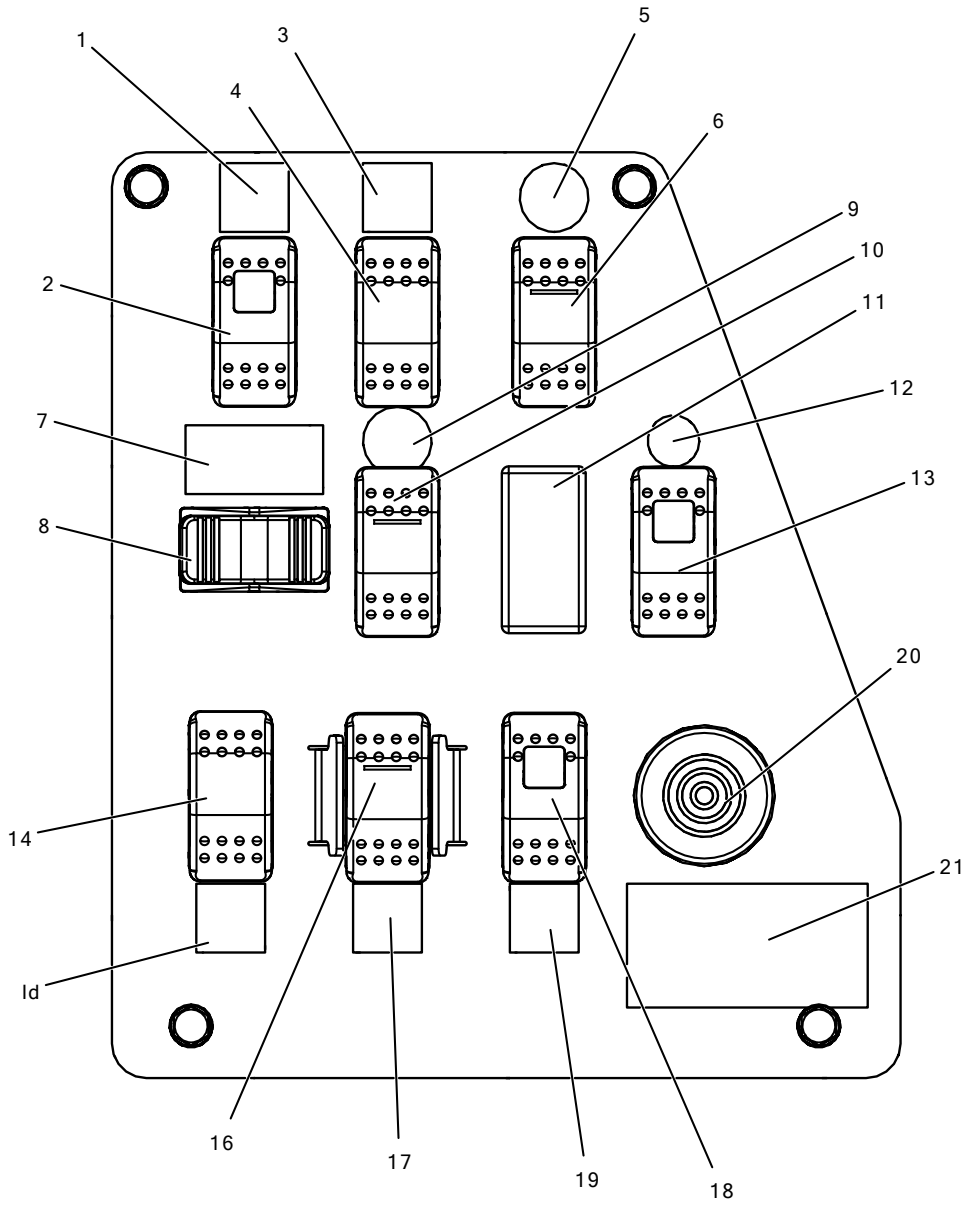


Figure 179: LM1-516-40 MAIN SWITCH PANEL USA-CAN 4-WAY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-901-10	1	DIFF LOCK DECAL	
2	YSWITCH49	1	DIFF LOCK SWITCH	
3	LM1-901-19	1	HORN DECAL	
4	YSWITCH48	1	HORN SWITCH	
5	LM1-901-40	1	UPPER WORKLIGHTS DECAL	
6	YSWITCH47	1	UPPER WORKLIGHTS SWITCH	
7	LM1-901-24	1	INDICATOR DECAL	
8	YSWITCH63	1	INDICATOR SWITCH	
9	LM1-901-17	1	FRONT WORKLIGHT / HEADLIGHT DECAL	
10	YSWITCH47	1	FRONT WORKLIGHT / HEADLIGHT SWITCH	
11	YSWITCH50	1	SWITCH BLANK	
12	LM2-901-01	1	REVERSE BUZZER MUTE DECAL	
13	YSWITCH49	1	REVERSE BUZZER MUTE SWITCH	
14	YSWITCH51	1	4-WAY AUTO SWITCH	
15	LM1-901-01	1	4-WAY AUTO DECAL	
16	YSWITCH47	1	PARK BRAKE SWITCH	
17	LM1-901-31	1	PARK BRAKE DECAL	
18	YSWITCH49	1	4-WAY ON SWITCH	
19	LM1-901-02	1	4-WAY ON DECAL	
20	YBEACON10	1	AMBER WARNING LIGHT AND BUZZER	
21	LM1-901-51	1	MULTI-DIRECTION WARNING BUZZER DECAL	

Figure 180: LM1-516-40 MAIN SWITCH PANEL USA-CAN 4-WAY - BOM

AUSTRALIA 2-WAY

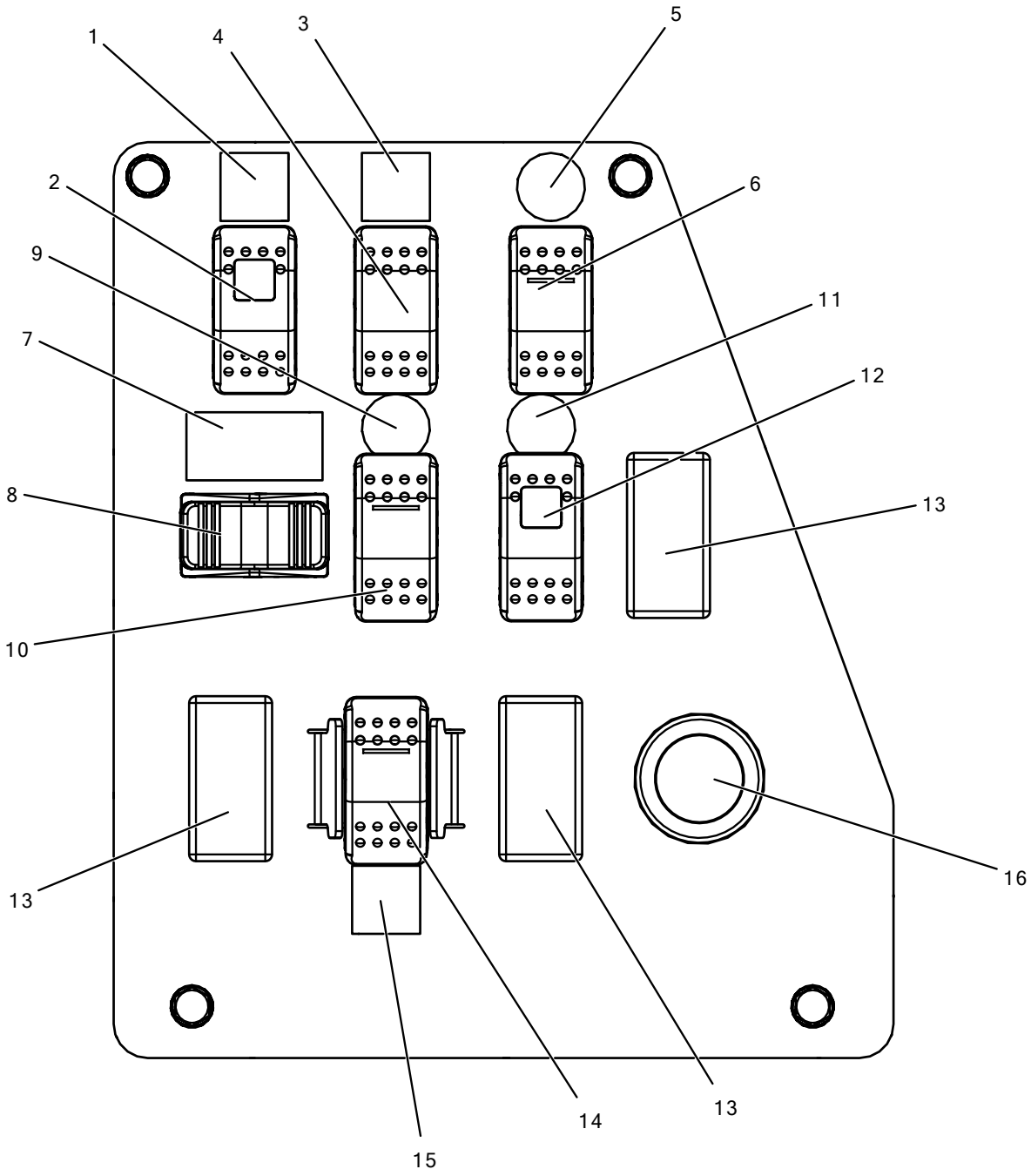


Figure 181: LM1-516-50 MAIN SWITCH PANEL AUS 2-WAY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-901-10	1	DIFF LOCK DECAL	
2	YSWITCH49	1	DIFF LOCK SWITCH	
3	LM1-901-19	1	HORN DECAL	
4	YSWITCH48	1	HORN SWITCH	
5	LM1-901-40	1	UPPER WORKLIGHTS DECAL	
6	YSWITCH47	1	UPPER WORKLIGHTS SWITCH	
7	LM1-901-24	1	INDICATOR DECAL	
8	YSWITCH53	1	INDICATOR SWITCH	
9	LM1-901-17	1	FRONT WORKLIGHT / HEADLIGHTS DECAL	
10	YSWITCH47	1	FRONT WORKLIGHT / HEADLIGHTS SWITCH	
11	LM1-901-16	1	FOG LIGHTS DECAL	
12	YSWITCH49	1	FOG LIGHTS SWITCH	
13	YSWITCH50	3	SWITCH BLANK	
14	YSWITCH47	1	PARK BRAKE SWITCH	
15	LM1-901-31	1	PARK BRAKE DECAL	
16	YGR231.8	1	GROMMET 31.8MM	

Table 104: LM1-516-50 MAIN SWITCH PANEL AUS 2-WAY - BOM

AUSTRALIA 4-WAY

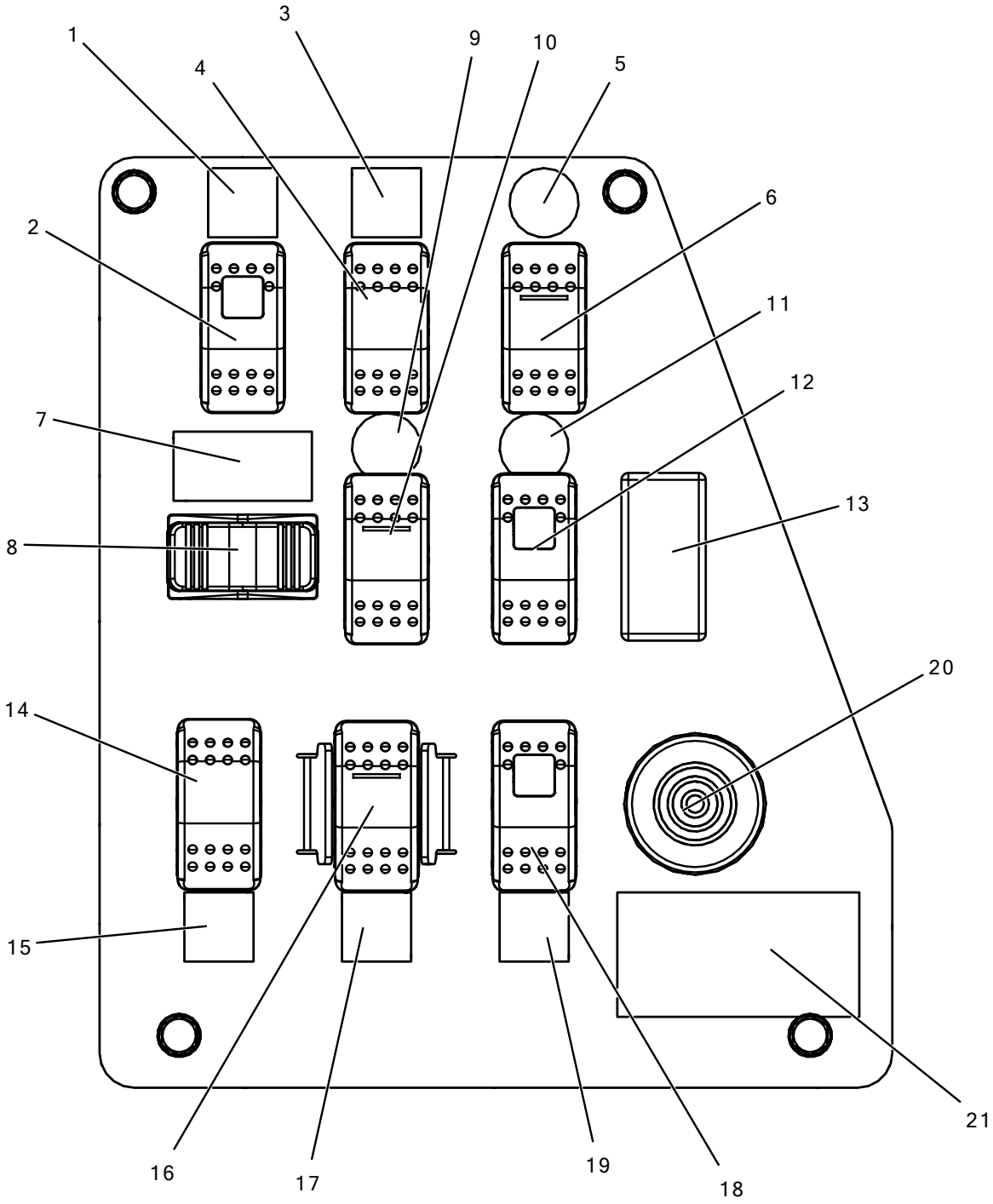


Figure 182: LM1-516-60 MAIN SWITCH PANEL AUS 4-WAY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-901-10	1	DIFF LOCK DECAL	
2	YSWITCH49	1	DIFF LOCK SWITCH	
3	LM1-901-19	1	HORN DECAL	
4	YSWITCH48	1	HORN SWITCH	
5	LM1-901-40	1	UPPER WORKLIGHTS DECAL	
6	YSWITCH47	1	UPPER WORKLIGHTS SWITCH	
7	LM1-901-24	1	INDICATOR DECAL	
8	YSWITCH53	1	INDICATOR SWITCH	
9	LM1-901-17	1	FRONT WORKLIGHT / HEADLIGHTS DECAL	
10	YSWITCH47	1	FRONT WORKLIGHT / HEADLIGHTS SWITCH	
11	LM1-901-16	1	FOG LIGHTS DECAL	
12	YSWITCH49	1	FOG LIGHTS SWITCH	
13	YSWITCH50	1	SWITCH BLANK	
14	YSWITCH51	1	4-WAY AUTO SWITCH	
15	LM1-901-01	1	4-WAY AUTO DECAL	
16	YSWITCH47	1	PARK BRAKE SWITCH	
17	LM1-901-31	1	PARK BRAKE DECAL	
18	YSWITCH49	1	4-WAY ON SWITCH	
19	LM1-901-02	1	4-WAY ON DECAL	
20	YBEACON10	1	AMBER WARNING LIGHT AND BUZZER	
21	LM1-901-51	1	MULTI-DIRECTION WARNING BUZZER DECAL	

Table 105: LM1-516-60 MAIN SWITCH PANEL AUS 4-WAY - BOM

UK 2-WAY

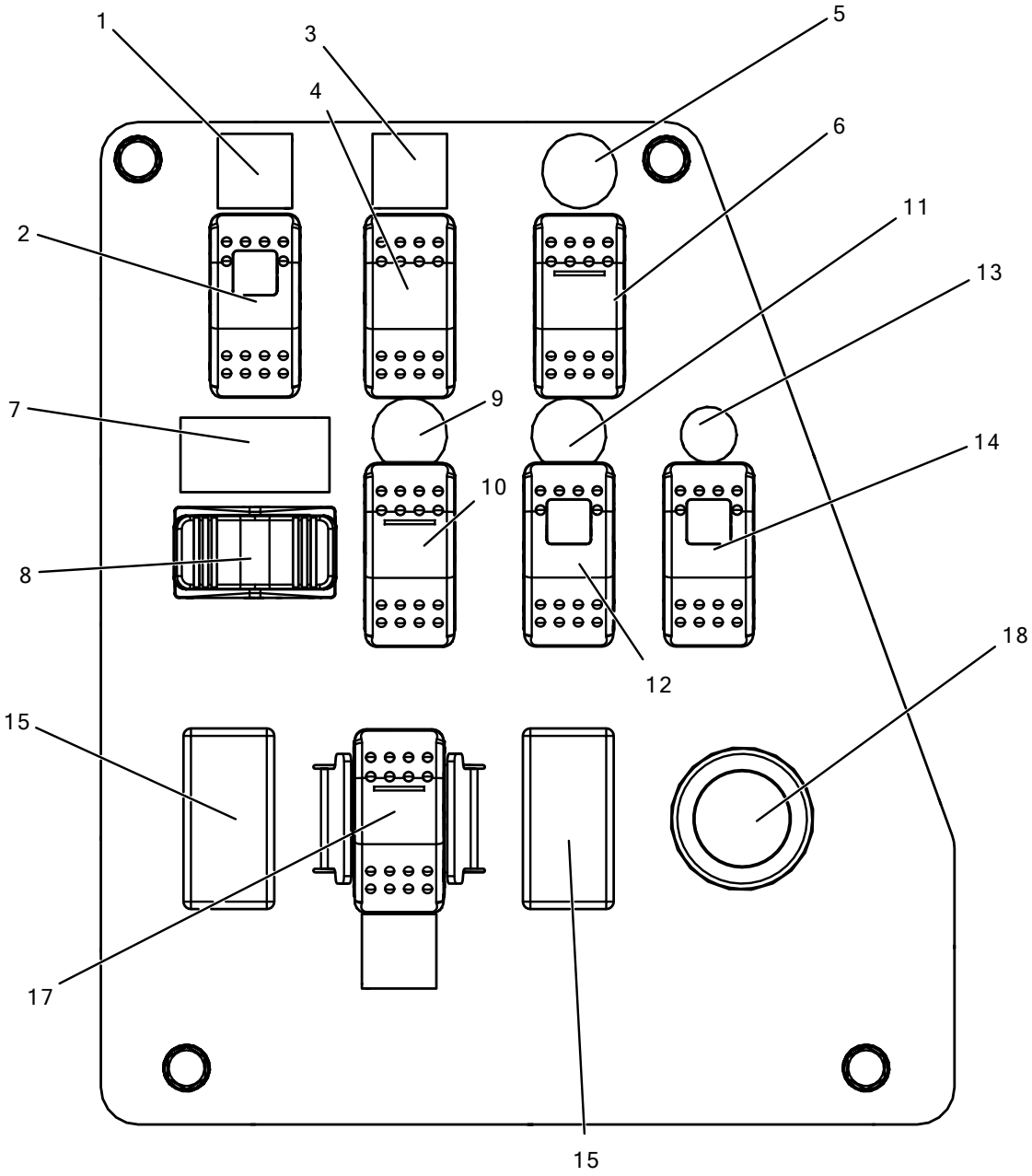


Figure 183: LM1-516-60 MAIN SWITCH PANEL AUS 4-WAY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTE
1	LM1-901-10	1	DIFF LOCK DECAL	
2	YSWITCH49	1	DIFF LOCK SWITCH	
3	LM1-901-19	1	HORN DECAL	
4	YSWITCH48	1	HORN SWITCH	
5	LM1-901-40	1	UPPER WORKLIGHTS DECAL	
6	YSWITCH47	1	UPPER WORKLIGHTS SWITCH	
7	LM1-901-24	1	INDICATOR DECAL	
8	YSWITCH53	1	INDICATOR SWITCH	
9	LM1-901-17	1	FRONT WORKLIGHT/ HEADLIGHTS DECAL	
10	YSWITCH47	1	FRONT WORKLIGHT/ HEADLIGHTS SWITCH	
11	LM1-901-16	1	FOG LIGHTS DECAL	
12	YSWITCH49	1	FOG LIGHTS SWITCH	
13	LM2-901-01	1	REVERSE BUZZER MUTE DECAL	
14	YSWITCH49	1	REVERSE BUZZER MUTE SWITCH	
15	YSWITCH50	2	SWITCH BLANK	
16	LM1-901-31	1	PARK BRAKE DECAL	
17	YSWITCH47	1	PARK BRAKE SWITCH	
18	YGR231.8	1	GROMMET 31.8MM	

Table 106: LM1-516-60 MAIN SWITCH PANEL AUS 4-WAY - BOM

UK 4-WAY

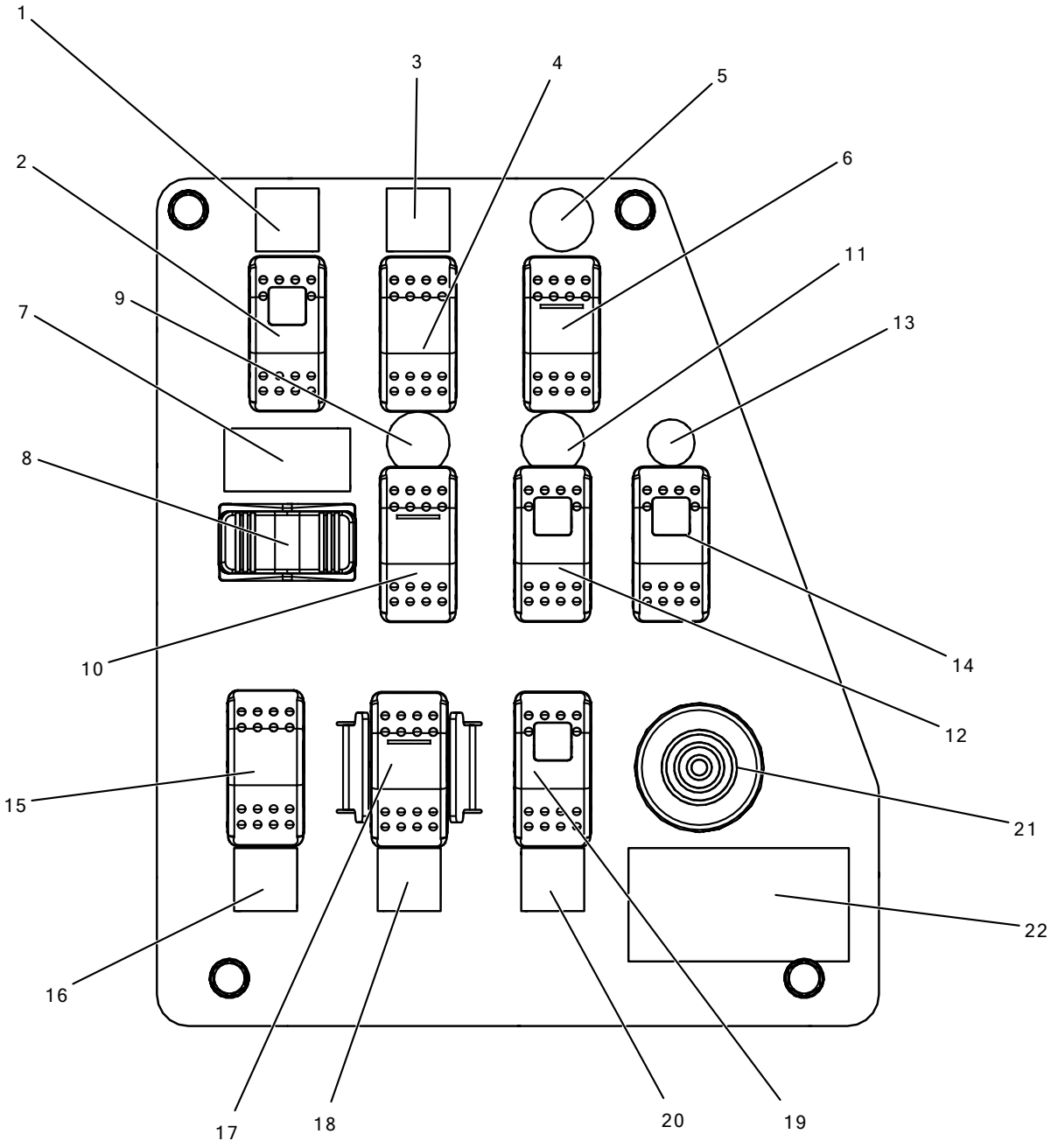


Figure 184: LM1-516-20 MAIN SWITCH PANEL UK 4-WAY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-901-10	1	DIFF LOCK DECAL	
2	YSWITCH49	1	DIFF LOCK SWITCH	
3	LM1-901-19	1	HORN DECAL	
4	YSWITCH48	1	HORN SWITCH	
5	LM1-901-40	1	UPPER WORKLIGHTS DECAL	
6	YSWITCH47	1	UPPER WORKLIGHTS SWITCH	
7	LM1-901-24	1	INDICATOR DECAL	
8	YSWITCH53	1	INDICATOR SWITCH	
9	LM1-901-17	1	FRONT WORKLIGHT/HEADLIGHTS DECAL	
10	YSWITCH47	1	FRONT WORKLIGHT/HEADLIGHTS SEITCH	
11	LM1-901-16	1	FOG LIGHTS DECAL	
12	YSWITCH49	1	FOG LIGHTS SWITCH	
13	LM2-901-01	1	REVERSE BUZZER MUTE DECAL	
14	YSWITCH49	1	REVERSE BUZZER MUTE SWITCH	
15	YSWITCH51	1	4-WAY AUTO SWITCH	
16	LM1-901-01	1	4-WAY AUTO DECAL	
17	YSWITCH47	1	PARK BRAKE SWITCH	
18	LM1-901-31	1	PARK BRAKE DECAL	
19	YSWITCH49	1	4-WAY ON SWITCH	
20	LM1-901-02	1	4-WAY ON DECAL	
21	YBEACON10	1	AMBER WARNING LIGHT AND BUZZER	
22	LM1-901-51	1	MULTI-DIRECTION WARNING BUZZER DECAL	

Table 107: LM1-516-20 MAIN SWITCH PANEL UK 4-WAY - BOM

CHAPTER5.9: LEVER BANKS

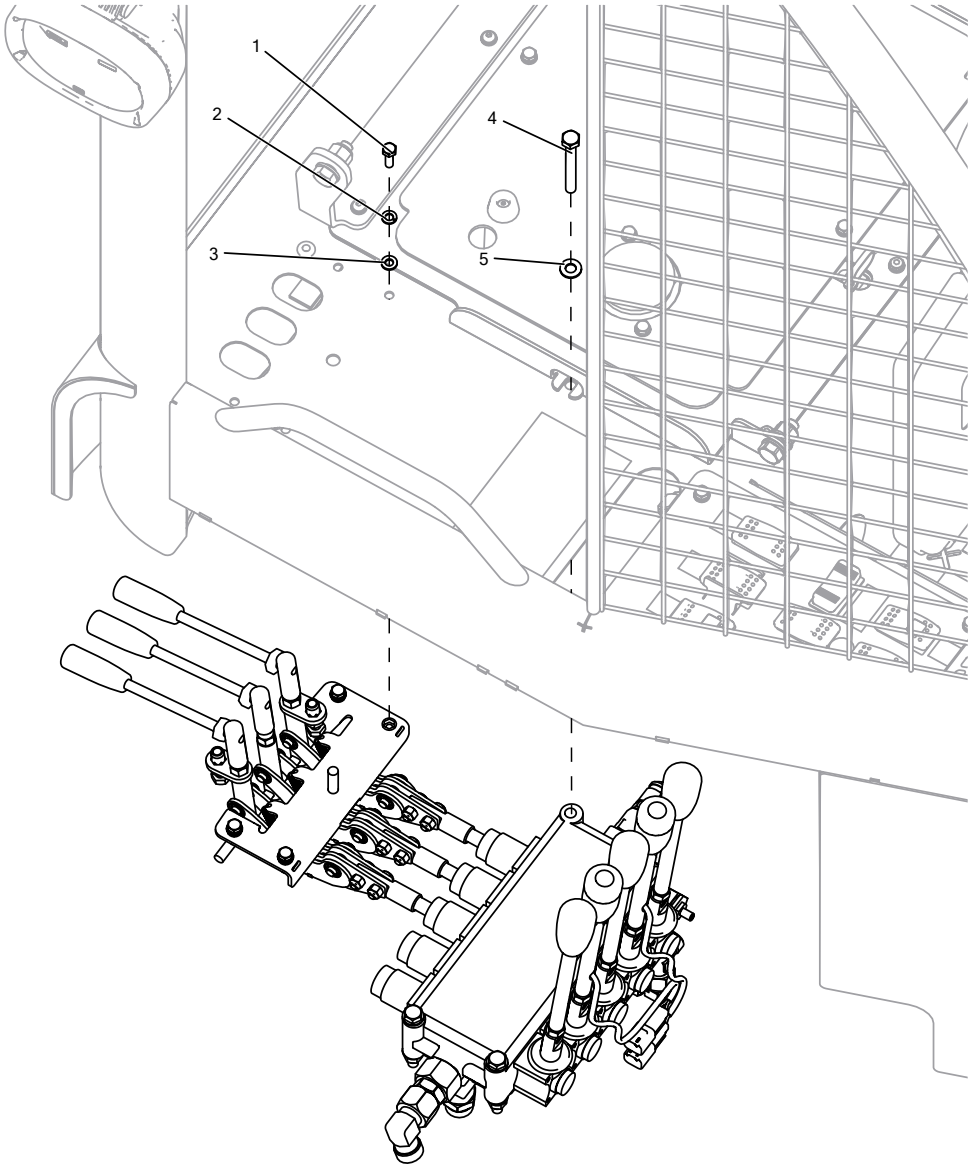


Figure 185: LEVERBANK ASSEMBLY TO CAB

ITEM	PART NUMBER	QUANTITY	DESCRIPTION	NOTES
1	XS06025Z	4	M6 X 25 HEX HEAD SCREW 8.8	
2	XW06SZ	4	M6 SPRING WASHER	
3	XW06AZ	4	M6 FORM A WASHER	
4	XS08065Z	3	M8 X 65 HEX HEAD SCREW 8.8	
5	XW08AZ	3	M8 FORM A WASHER	

Table 108: LEVERBANK ASSEMBLY TO CAB - BOM

JIC LEVER BANK

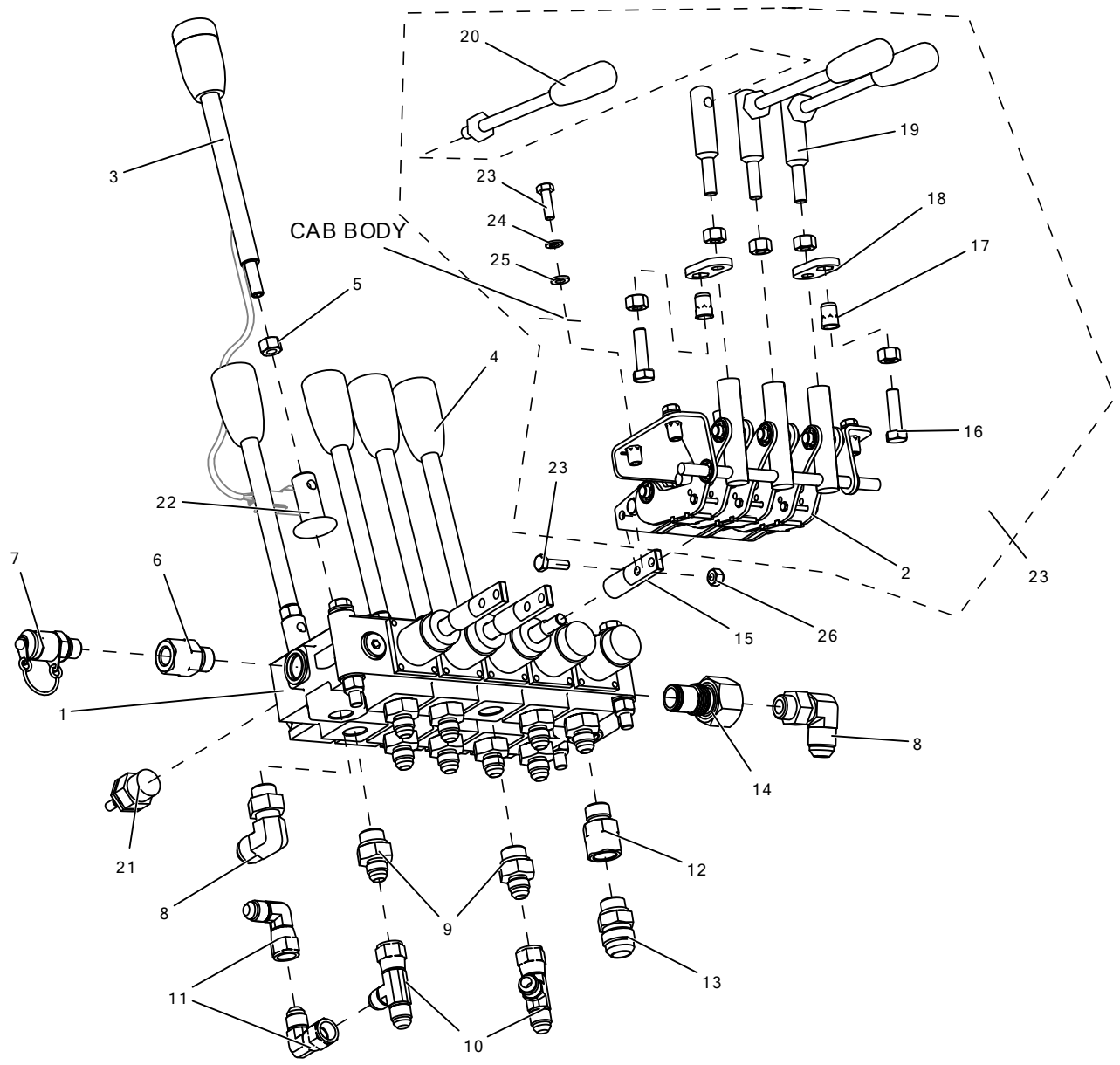


Figure 186: LM1-730-02 JIC LEVER CONTROL STANDARD

ITEM	PART NUMBER	QTY	Description	NOTES
1	YLEVER1	1	5 WAY LEVER BANK	
2	LM1-501-90	1	REAR LEVER ASM COMPLETE	
3	YLEVER5	1	193MM LEVER WITH INTEGRATED MICRO-SWITCH	
4	YLEVER4	4	VALVE BANK LEVER	
5	XN08Z	10	M8 HEX NUT	
6	YHR3.8-1.4	1	3/8" BSP (M) TO 1/4" BSP (F) REDUCER (22)	
7	YHTP1.4	1	1/4" BSP (M) PRESSURE TEST POINT C/W INTEGRAL SEAT & KNURLED CAP	
8	YHA3.8-3.4JEA	2	ADJUSTABLE LOCKNUT ELBOW M 3/8"BSP TO M 3/4"JIC (J8)	
9	YHA3.8-9.16J	10	3/8"BSP-9/16"JIC ADAPTOR (J4) WITH INTEGRATED SEAL	
10	YHT9-16JMFM	2	9/16"JIC MFM BRANCH TEE (J16)	
11	YHA9.16JMFE	2	9/16"JIC MF ELBOW (J18)	
12	YHA3.8-3.8MF	1	3/8"BSP M TO 3/8"BSP F SOLID ADAPTOR (23)	
13	YHA3.8-7.8J	1	3/8"BSP - 7/8"JIC ADAPTOR (C/W SEAL) (J9)	
14	YHR1.2-3.8LPS	1	YLEVER PORT SPLITING REDUCER 1/2"BSP TO 3/8"BSP M/F (37)	
15	LM1-501-50	3	SPOOL CONNECTOR	
16	XS08030Z	2	M8 X 30 HEX HEAD SCREW 8.8	
17	XNS08H	2	M8 HEX NUTSERT	
18	LM1-501-84	2	LEVER MOVEMENT RESTRICTOR	
19	LM1-501-85	3	REMOTE LEVER EXTENSION	
20	YLEVER6	3	LEVER 164MM LONG	
21	YVALVE20	1	LEVER BANK RELIEF VALVE	
22	YLEVERPIVOT1	5	LEVER PIVOT	
23	XS06020Z	10	M6 X 20 HEX HEAD SCREW 8.8	
24	XW06SZ	4	M6 SPRING WASHER	
25	XW06AZ	4	M6 FORM A WASHER	
26	XN06N	6	M6 NYLOC NUT	

Table 109: LM1-730-02 JIC LEVER CONTROL STANDARD – BOM

METRIC LEVER BANK

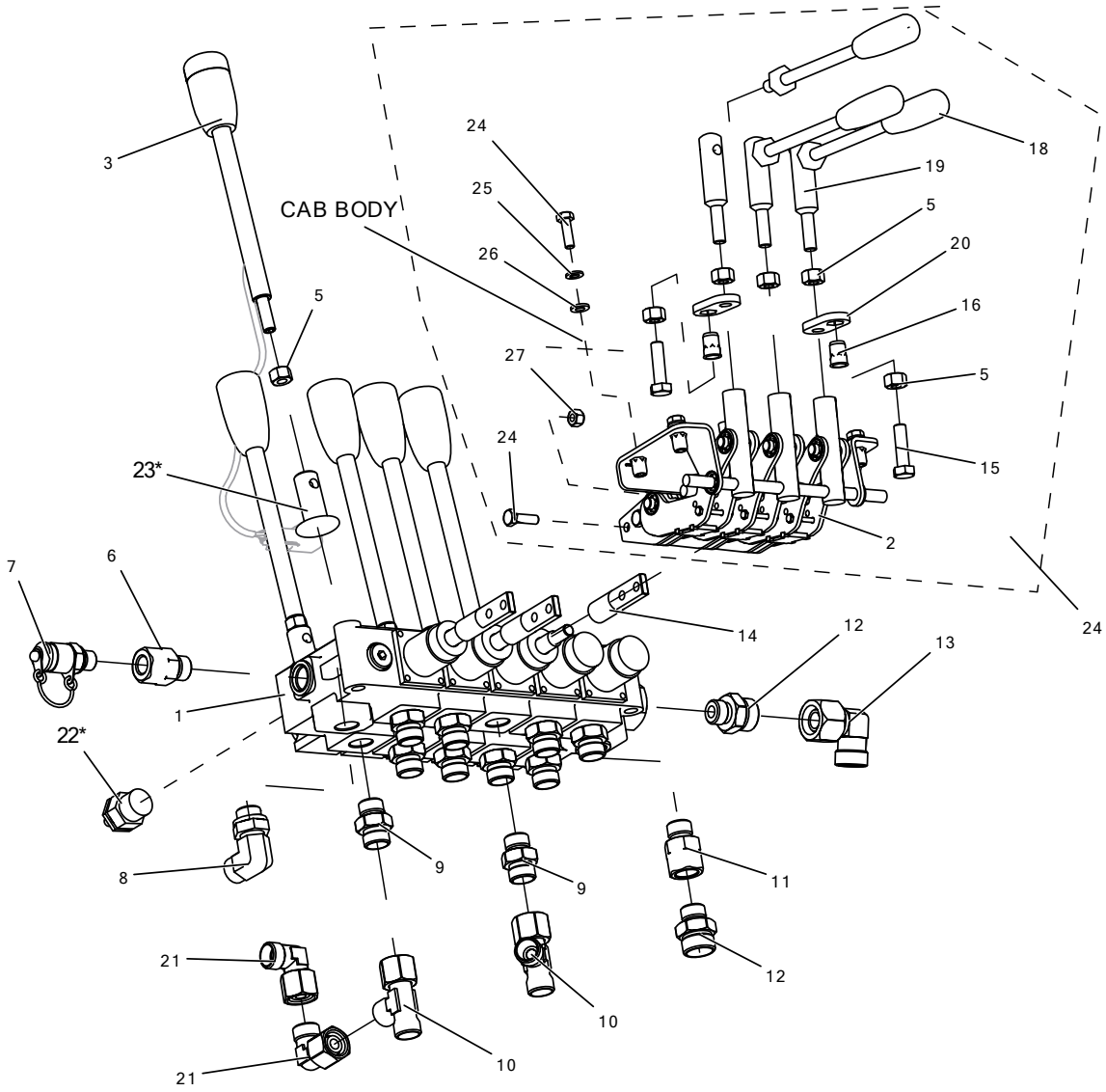


Figure 187: LM1-730-01 METRIC LEVER CONTROL STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YLEVER1	1	5 WAY LEVER BAN	
2	LM1-501-91	1	ON-GROUND CONTROLS MECHANISM	
3	YLEVER5	1	193MM LEVER WITH INTEGRATED MICRO-SWITCH	
4	YLEVER4	4	VALVE BANK LEVER	
5	XN08Z	10	M8 HEX NUT	
6	YHR3.8-1.4	1	3/8"BSP (M) TO 1/4"BSP (F) REDUCER (22)	
7	YHTP1.4	1	1/4" BSP M PRESSURE TEST POINT C/WINTEGRAL SEAL & KNURLED CAP	
8	YHA3.8-12LEA	1	ADJUSTABLE LOCKNUT ELBOW M 3/8" BSP	
9	YHA3.8-12L	10	3/8"BSP TO 12L ADAPTO	
10	YHT12LMFM	2	12L M/F/M TEE PIECE (27)	
11	YHA3.8-3.8MF	1	3/8"BSP M TO 3/8"BSP F SOLID ADAPTOR (23)	
12	YHA3.8-15L	2	3/8"BSP TO 15L ADAPTOR (19)	
13	YHA15LMFE	1	15L M/F ELBOW (39)	
14	LM1-501-50	3	SPOOL CONECTOR	
15	XS08030Z	2	M8 X 30 HEX HEAD SCREW 8.8	
16	XNS08H	2	M8 HEX NUTSERT	
18	YLEVER6	3	LEVER 164MM LONG	
19	LM1-501-85	3	REMOTE LEVER EXTENSION	
20	LM1-501-84	2	LEVER MOVEMENT RESTRICTO	
21	YHA12LMFE	2	12L M/F ELBOW (26)	
22*	YVALVE20	1	PRESSURE RELIEF VALVE - PART OF YLEVER1 BUT CAN BE SUPPLIED AS SPARE	
23*	YLEVERPIVOT1	5	LEVER PIVOT - PART OF YLEVER1 BUT CAN BE SUPPLIED AS SPARE	
24	XS06020Z	10	M6 X 20 HEX HEAD SCREW 8.8	
25	XW06SZ	4	M6 SPRING WASHER	
26	XW06AZ	4	M6 FORM A WASHER	
27	XN06N	6	M6 NYLOC NUT	

Figure 188: LM1-730-01 METRIC LEVER CONTROL STANDARD - BOM

AUXILARY/CAM MAST LEVERS

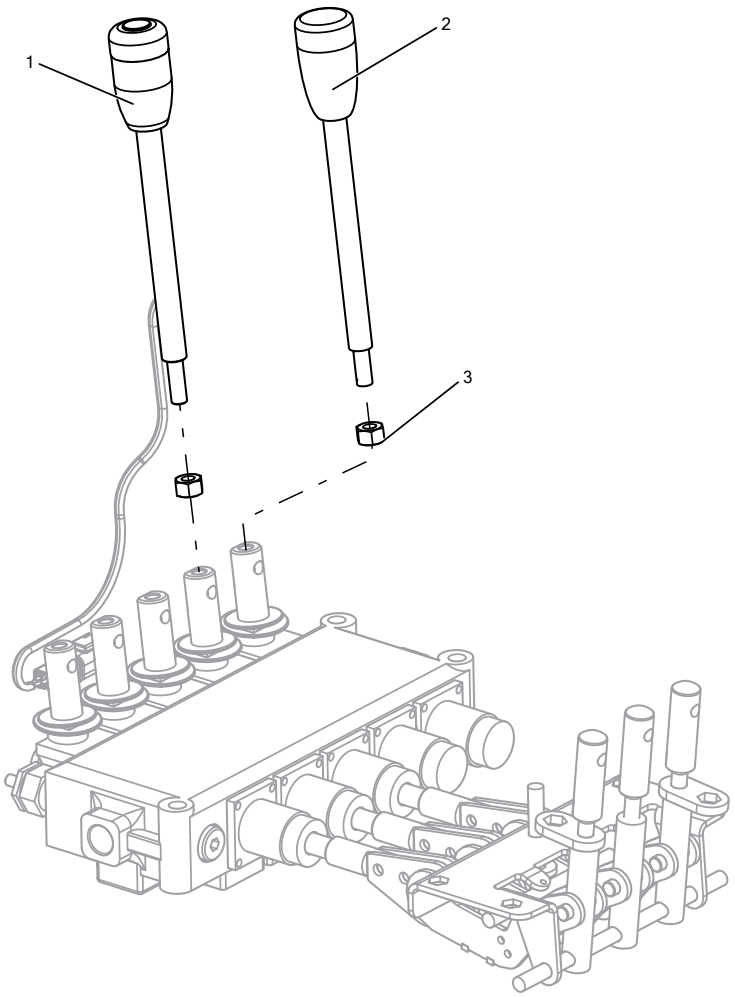


Figure 189: LEVER CONTROL ASM WITH AUXILLIARY LEVER SWITCH (ALL OTHER LEVERS REMAIN UNCHANGED FROM STANDARD ARRANGEMENT)

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YLEVER5	1	193MM LEVER WITH INTEGRATED MICRO-SWITCH	
2	YLEVER4	1	VALVE BANK LEVER	
3	XN08Z	2	M8 HEX NUT	

Table 110: LEVER CONTROL ASM WITH AUXILLIARY LEVER SWITCH – BOM

CHAPTER5.10: COUNTERBALANCE VALVE UNDER CAB (USA/AUS ONLY)

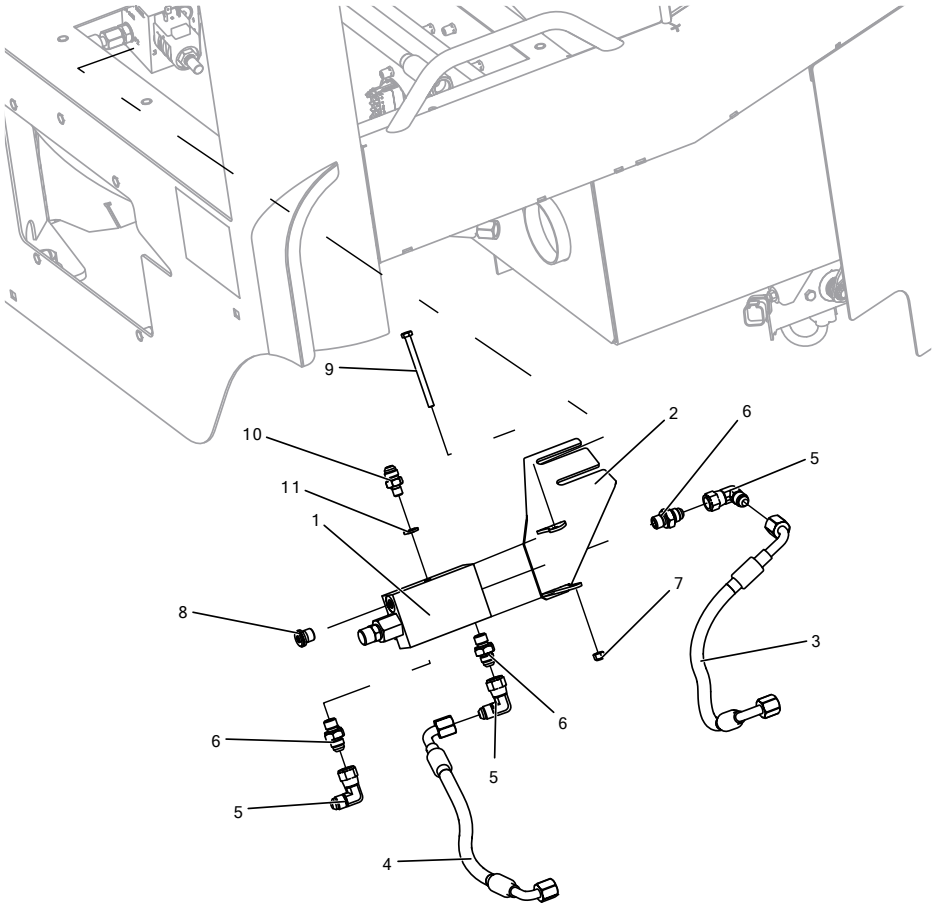


Figure 190: LM1-709-20 ISR DOUBLE COUNTERBALANCE D.C.B) VALVE ASM JIC AND HOSES

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YVALVE31	1	COUNTERBALANCE VALVE FROM ISR REACH CYLINDER LM1-210-14	
2	LM1-100-79	1	CB VALVE MOUNT ASSY	
3	LM1-700-J259	1	ISR RELIEF VALVE TO D.C.B. VALVE	
4	LM1-700-J257	1	DIVERTER VALVE TO D.C.B. VALVE	
5	YHA9.16JMFE	3	9/16"JIC MF ELBOW (J18)	
6	YHA1.4-9.16J	3	1/4"BSP-9/16"JIC ADAPTOR WITH INTEGRAL SEAL (J2)	
7	XN06N	1	M6 NYLOC NUT	
8	YHP1/8	1	1/8" BSP ALLEN KEY HEADED BLANKING PLUG	
9	XS06080Z	1	M6 X 80 HEX HEAD SCREW 8.8	
10	YHA1.8-9.16J	1	1/8" BSP-9/16" JIC ADAPTOR ISS1 (J36)	
11	YHS1/8D	1	1/8" DOWTY SEAL (59)	

Table 111: LM1-709-20 ISR DOUBLE COUNTERBALANCE D.C.B) VALVE ASM JIC AND HOSES - BOM

CHAPTER5.11: STEERING

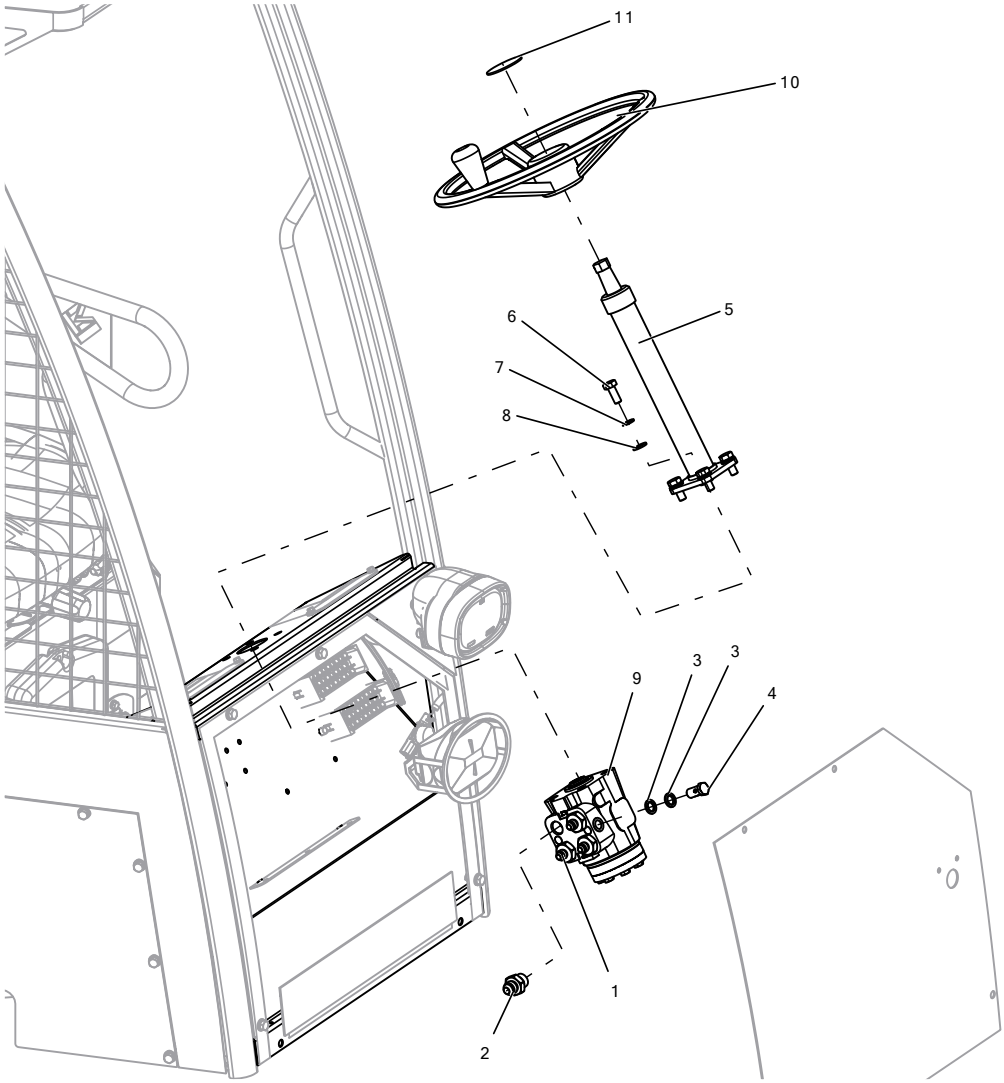


Figure 191: LM1-740-02 JIC STEERING PUMP AND COLUMN ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	METRIC HOSE EQUIVALENTS
1	YHA1.2-9.16J	3	1/2"BSP-9/16"JIC ADAPTOR (J11) FITTED WITH INTEGRAL SEAL	YHA1.2-12L
2	YHA1.2-3.4J	1	1/2"BSP-3/4"JIC ADAPTOR WITH INTEGRAL SEAL (J10)	YHA1.2-15L
3	YHS1/4D	2	1/4"BSP DOWTY SEAL (1)	-
4	YHA1.4BB	1	1/4"BSP BANJO BOLT (14)	-
5	YSTEER1	1	300MM STEERING COLUMN	-
6	XS10025Z	4	M10 X 25 HEX HEAD SCREW 8.8	-
7	XW10SZ	4	M10 SPRING WASHER	-
8	XW10AZ	4	M10 FORM A WASHER	-
9	YSTEERPUMP1	1	STEERING PUMP	-
10	YSTEER2	1	STEERING WHEEL 350MM STEERING KNOB YSTEER2KNOB ALSO SOLD AS SPARE	-
11	LM1-901-38	1	STEERING WHEEL CENTRE LOGO - DECAL	-

Table 112: LM1-740-02 JIC STEERING PUMP AND COLUMN ASM – BOM

CHAPTER5.12: WORKLIGHTS ON CAB

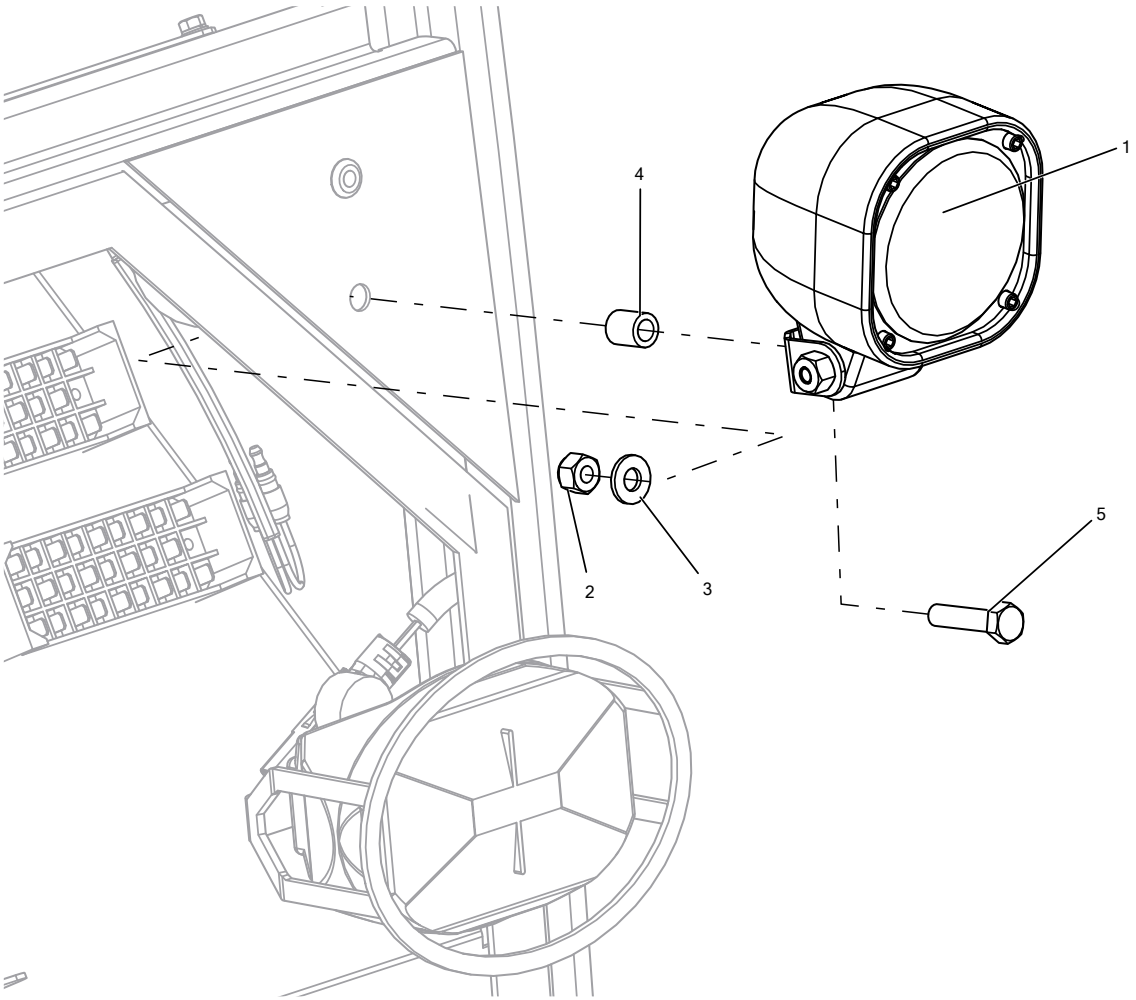


Figure 192: LM1-840-13 CAB WORKLIGHTS LED 4-WAY FRONT

LED LIGHT SHOWN ABOVE. HALOGEN LIGHT ALSO LISTED BELOW.

ITEM	PART NUMBER	QTY	DESCRIPTION	HALOGEN LIGHT EQUIVALENT
1	YLIGHT43	1	LED WORKLIGHT	YLIGHT22
2	XN08N	1	M8 NYLOC NUT	-
3	XW08CZB	1	M8 FORM C WASHER	-
4	LL10026	1	SPACER	-
5	XS08035Z	1	M8 X 35 HEX HEAD SCREW 8.8	-

Table 113: LM1-840-13 CAB WORKLIGHTS LED 4-WAY FRONT - BOM

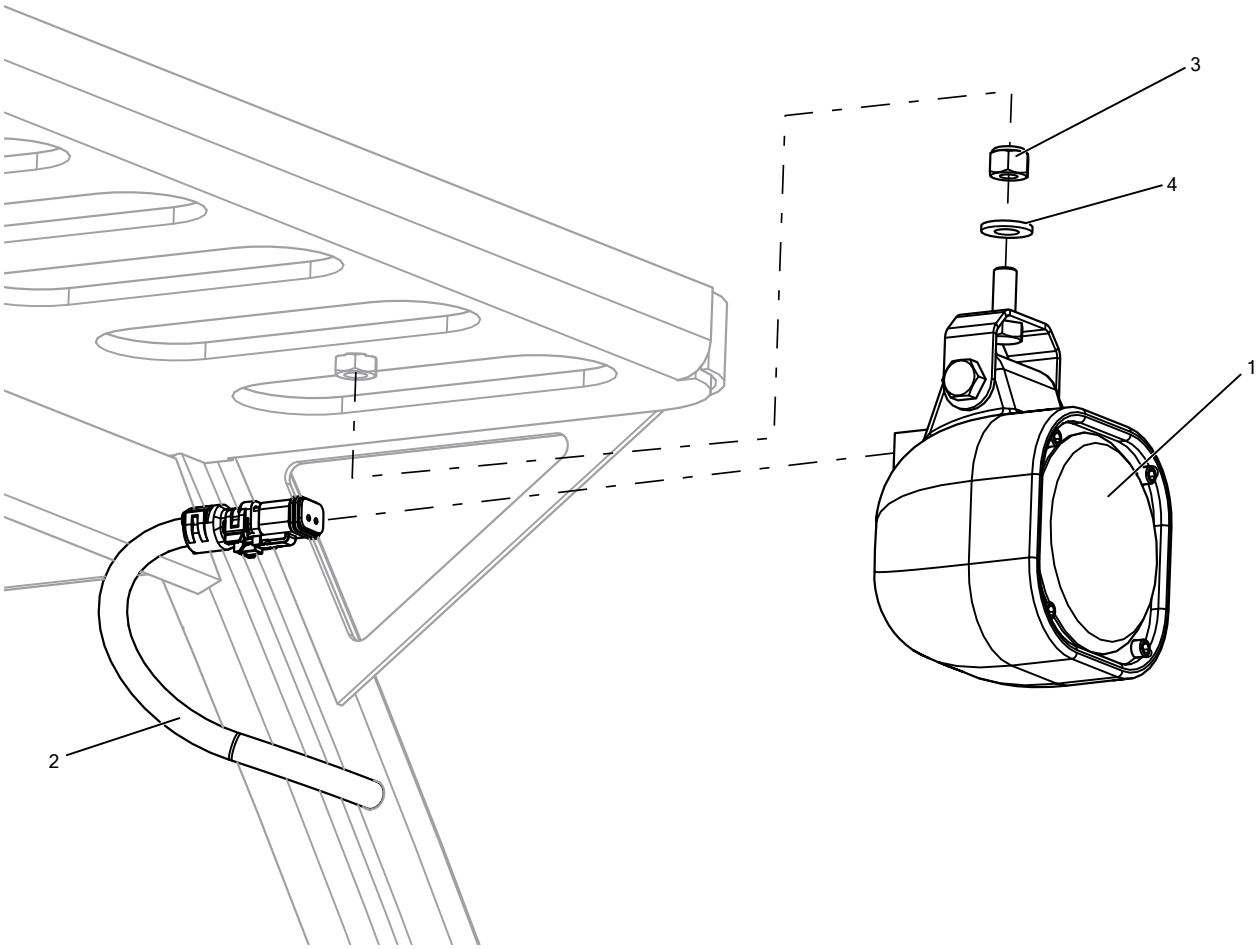


Figure 193: LM1-840-13 CAB WORKLIGHTS LED 4-WAY FRONT ROOF

LED LIGHT SHOWN ABOVE. HALOGEN LIGHT ALSO LISTED BELOW.

ITEM	PART NUMBER	QTY	DESCRIPTION	HALOGEN LIGHT EQUIVALENT
1	YLIGHT43	1	LED WORKLIGHT	YLIGHT22
2	LM1-810-07	1	CAB FRONT WORKLIGHT LOOM	-
3	XN08N	1	M8 NYLOC NUT	-
4	XW08CZB	1	M8 FORM C WASHER BLACK	-

Table 114: LM1-840-13 CAB WORKLIGHTS LED 4-WAY FRONT ROOF – BOM

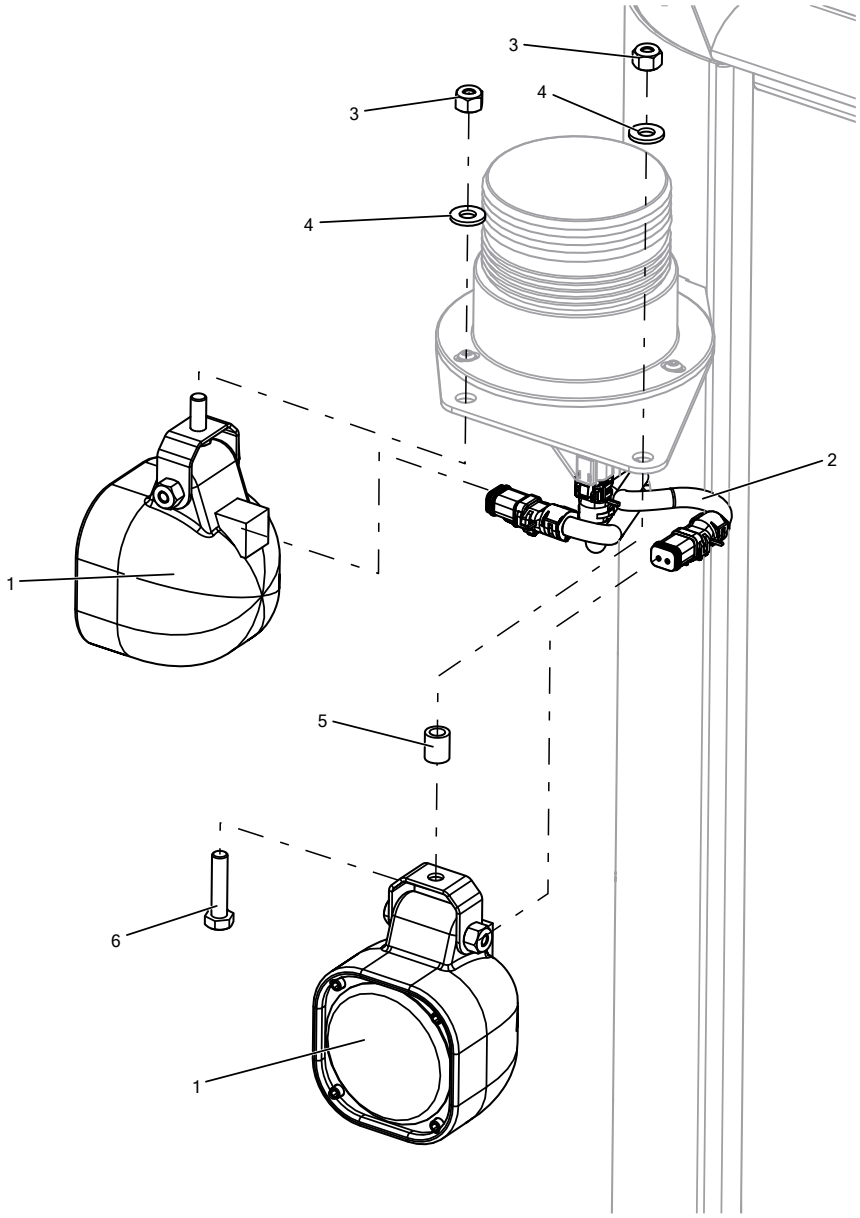


Figure 194: LM1-840-13 CAB WORKLIGHTS LED 4-WAY REAR

LED LIGHT SHOWN ABOVE. HALOGEN LIGHT ALSO LISTED BELOW.

ITEM	PART NUMBER	QTY	DESCRIPTION	HALOGEN LIGHT EQUIVALENT
1	YLIGHT43	2	LED WORKLIGHT	YLIGHT22
2	LM1-810-05	1	REAR CABLE LEG LOOM	-
3	XN08N	2	M8 NYLOC NUT	-
4	XW08CZB	2	M8 FORM C WASHER	-
5	LL10026	1	SPACER	-
6	XS08035Z	1	M8 X 35 HEX HEAD SCREW 8.8	-

Table 115: LM1-840-13 CAB WORKLIGHTS LED 4-WAY REAR - BOM

CHAPTER5.13: REG NUMBER PLATES

USA/CAN REG PLATE

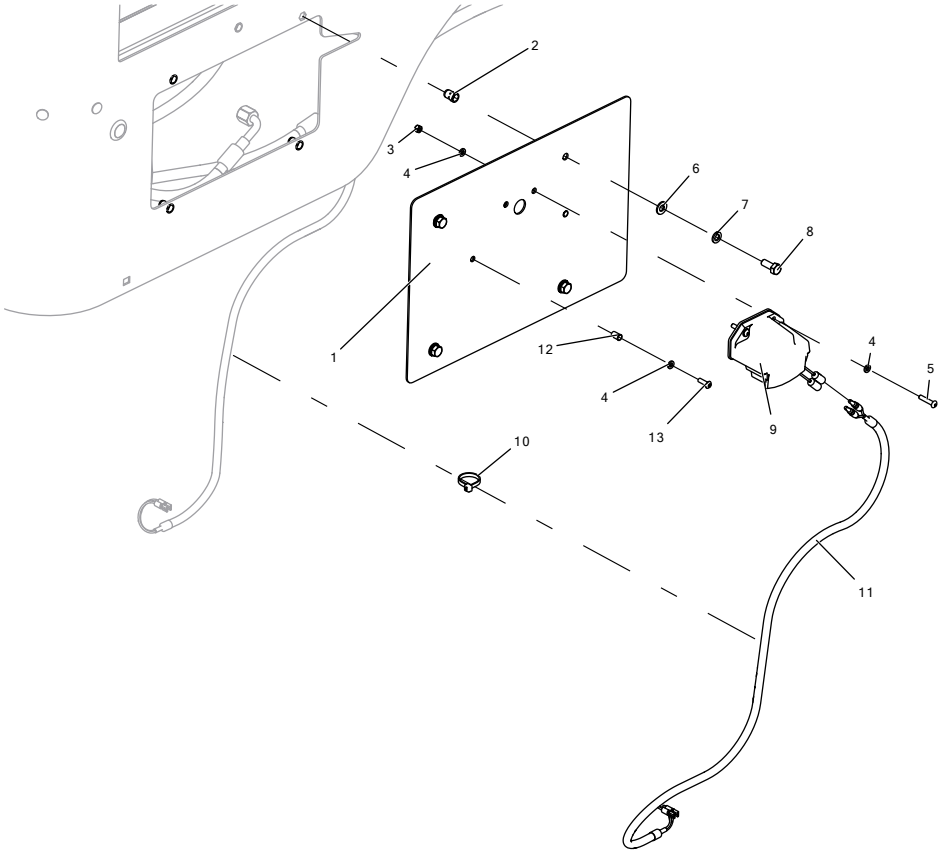


Figure 195: LM1-860-90 USA ILLUMINATED NUMBER PLATE

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-501-66	1	REG MOUNT PLATE	
2	XNS08H	4	M8 HEX NUTSERT	
3	XN05N	2	M5 NYLOC NUT	
4	XW05CZ	6	M5 FORM A WASHER	
5	XBUT5025SKTZB	2	M5 X 25 BUTTON HEAD SCREW 8.8	
6	XW08AZ	4	M8 FORM A WASHER	
7	XW08SZ	4	M8 SPRING WASHER	
8	XS08025Z	4	M8 X 25 HEX HEAD SCREW 8.8	
9	YLIGHT41	1	USA LICENSE PLATE LIGHT	
10	CABLE-TIE-5-260	1	CABLE TIE	
11	LM1-816-00	1	NUMBER PLATE LIGHT LOOM	
12	XNS05	2	M5 NUTSERT	
13	XBUT05016SKTZB	2	M5 X 16 BUTTON HEAD SCREW 8.8	

Table 116: LM1-860-90 USA ILLUMINATED NUMBER PLATE - BOM

AUSTRALIA REG PLATE

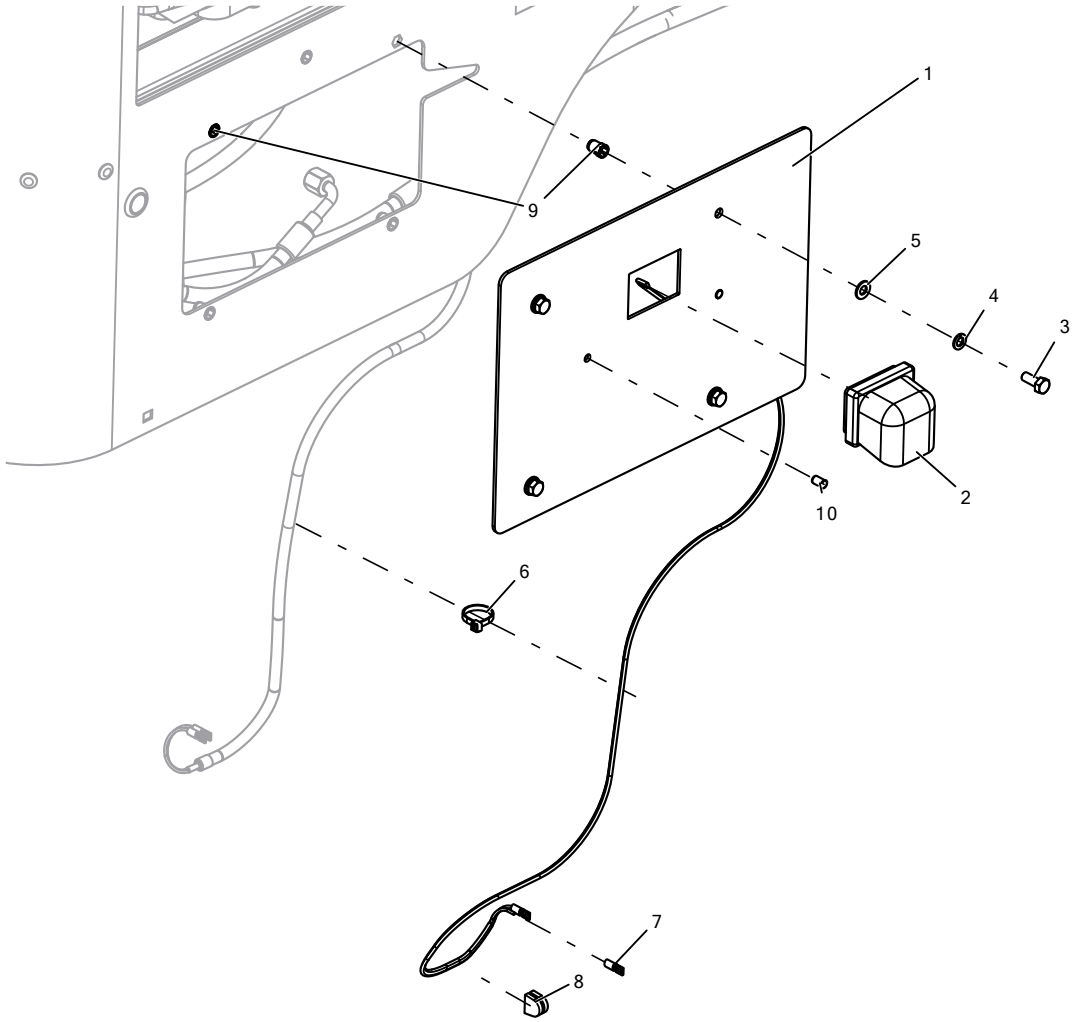


Figure 196: LM1-850-95 AUS ILLUMINATED NUMBER PLATE HOLDER WITH FASTENERS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-501-65	1	REG MOUNT PLATE	
2	YLIGHT29	1	LED NUMBER PLATE LIGHT	
3	XS08020Z	4	M8 X 20 HEX HEAD SCREW 8.8	
4	XW08SZ	4	M8 SPRING WASHER	
5	XW08AZ	4	M8 FORM A WASHER	
6	CABLE-TIE-5-260	1	CABLE TIE	
7	YPIN1	2	6.3MM FEMALE LUCAR PIN BLUE	
8	15310.12	1	BLANKING GROMMET	
9	XNS08H	2	M8 HEX NUTSERT	
10	XNS05	2	M5 NUTSERT	

Table 117: LM1-850-95 AUS ILLUMINATED NUMBER PLATE HOLDER WITH FASTENERS - BOM

UK/EU REG PLATE

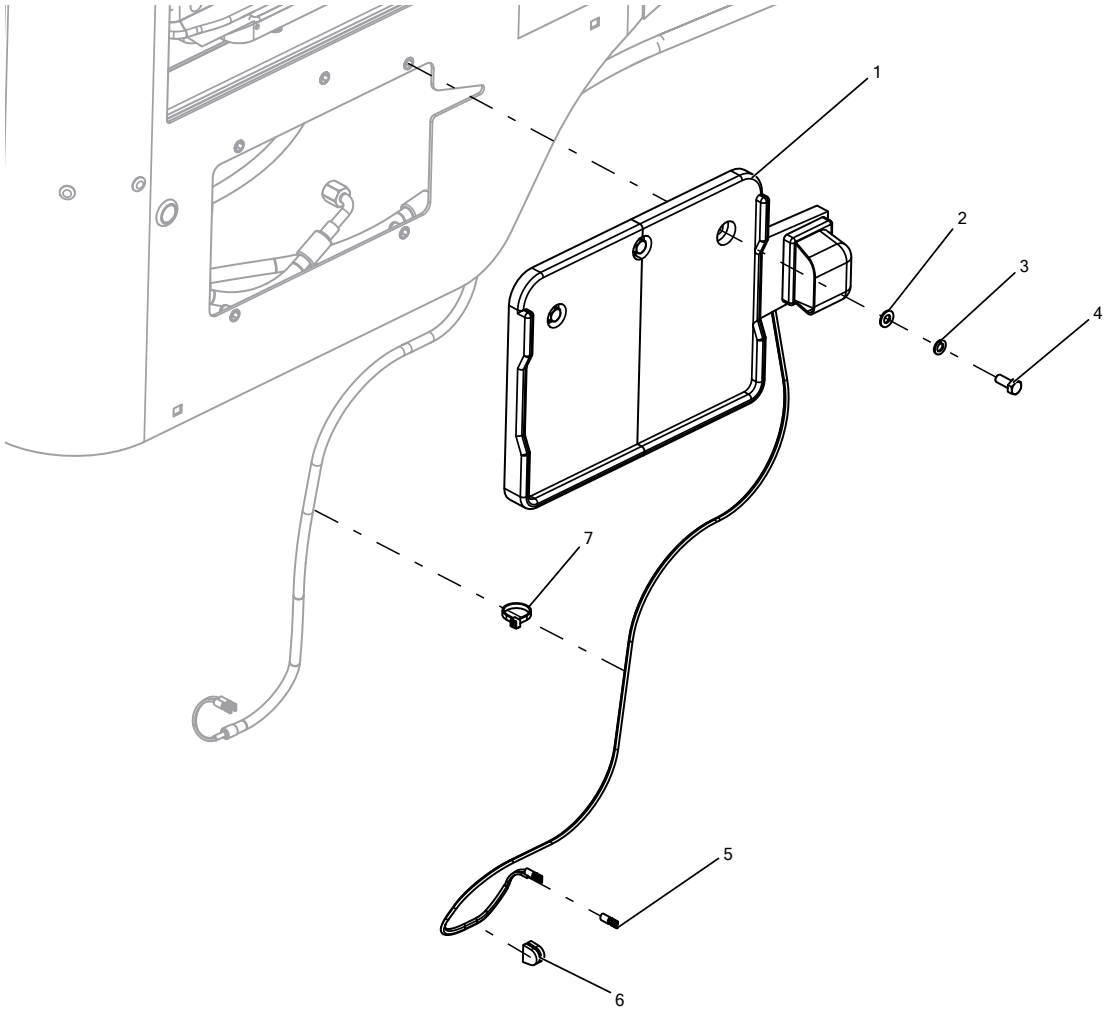


Figure 197: LM1-850-90 UK ILLUMINATED NUMBER PLATE HOLDER WITH FASTENERS:

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YPLHOLD1	1	NUMBER PLATE HOLDER WITH LIGHT	
2	XW08AZ	3	M8 FORM A WASHER	
3	XW08SZ	3	M8 SPRING WASHER	
4	XS08020Z	3	M8 X 20 HEX HEAD SCREW 8.8	
5	YPIN1	2	6.3MM FEMALE LUCAR PIN BLUE	
6	15310.12	1	BLANKING GROMET	
7	CABLE-TIE-5-260	1	CABLE TIE	

Table 118: LM1-850-90 UK ILLUMINATED NUMBER PLATE HOLDER WITH FASTENERS - BOM

CHAPTER5.14: LED REAR CORNER MARKER LIGHT

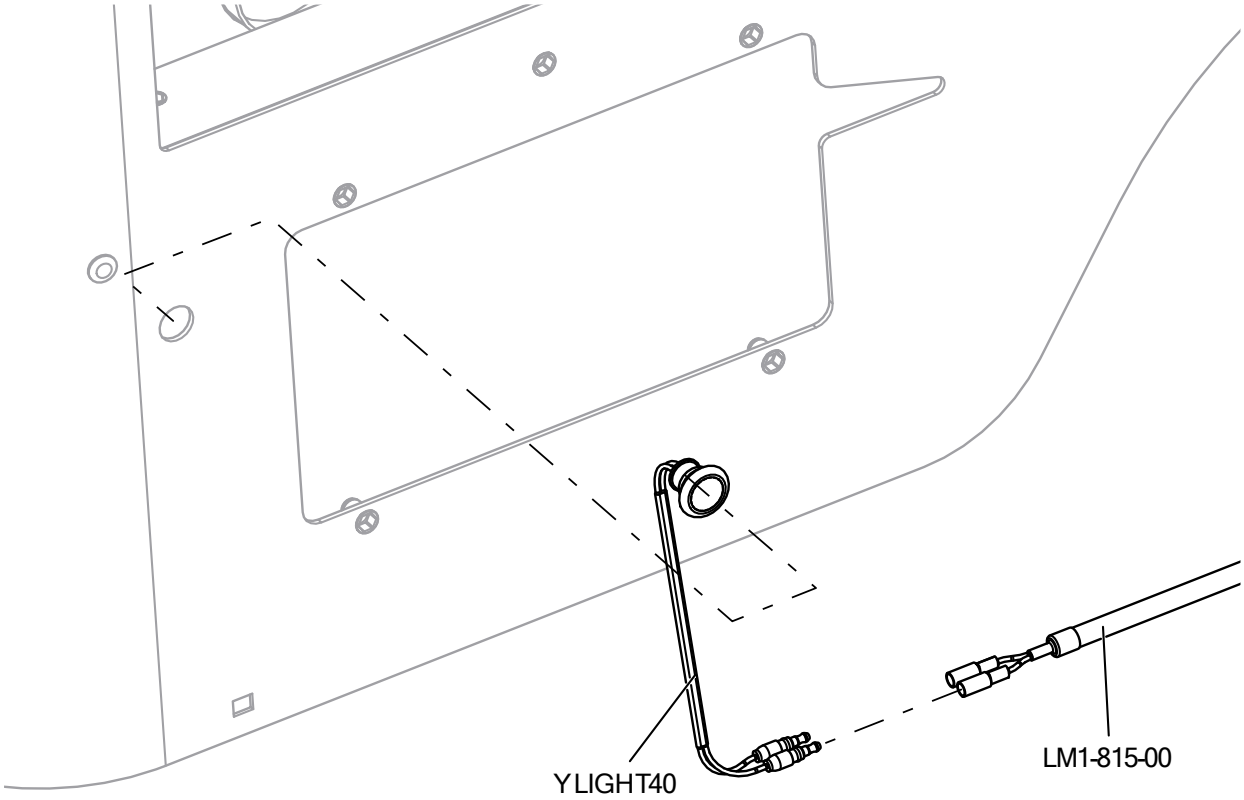


Figure 198: YLIGHT40 CAB REAR CORNER LIGHT

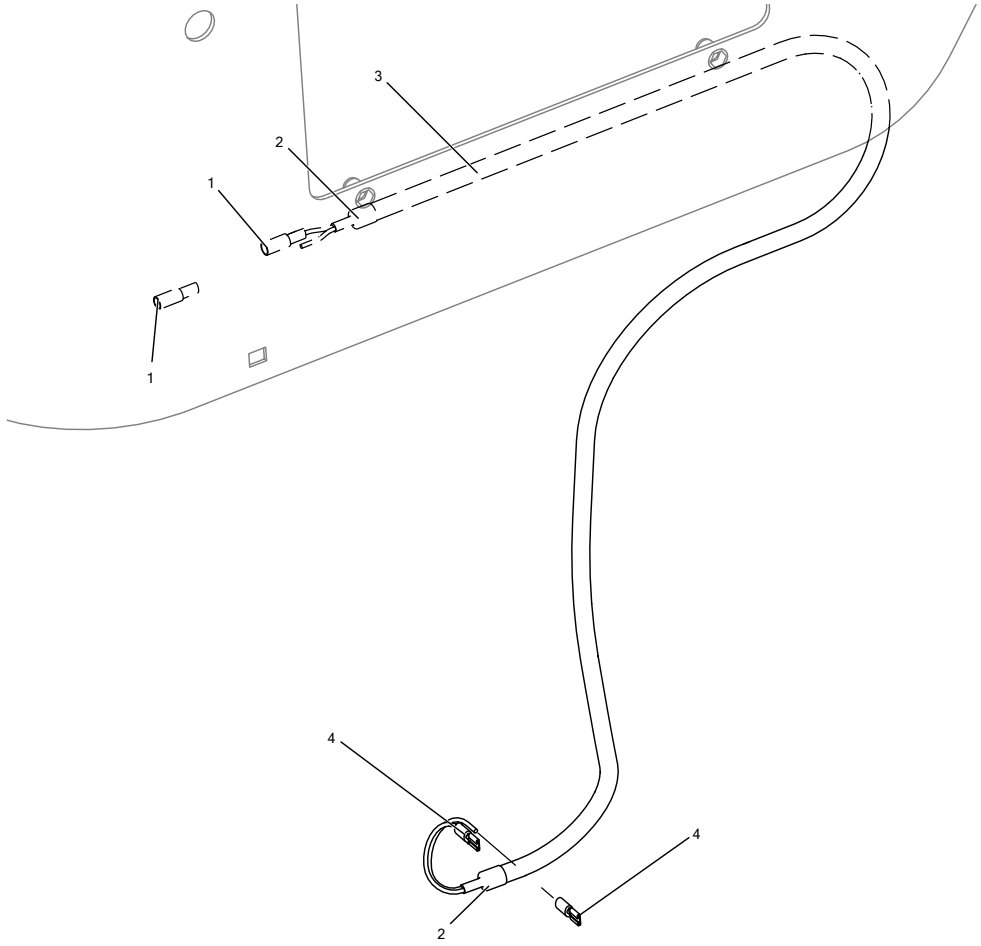
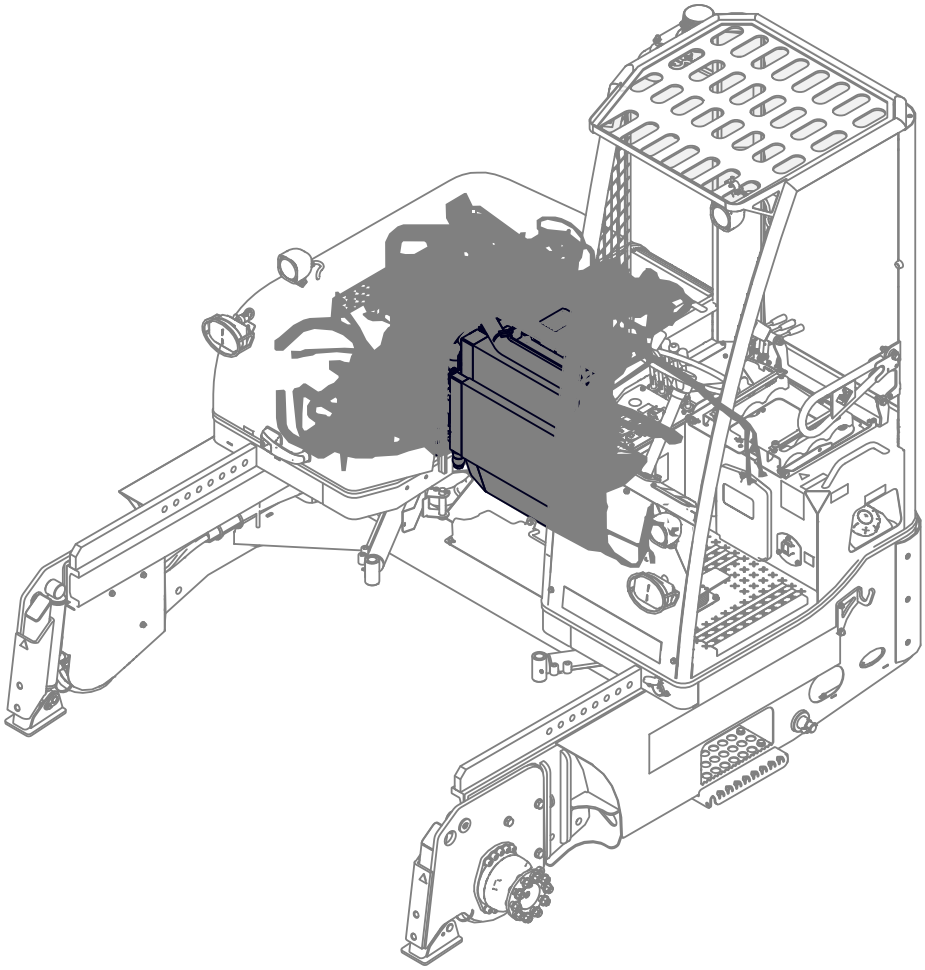


Figure 199: LM1-815-00 SIDE MARKER LIGHT LOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	RED-3.16IN- BULLET-INSULATED-FEMALE	2	BULLET CONNECTOR INSULATED	
2	HEATSHRINK-10-TO-5	2	HEATSHRINK	
3	LM1-815-00 LOOM	1	SIDE MARKER LIGHT LOOM	
4	YPIN1	2	6.3MM FEMALE LUCAR PIN BLUE	

Table 119 LM1-815-00 SIDE MARKER LIGHT LOOM – BOM

CHAPTER6: POWERTRAIN AND TRANSMISSION (ALL ENGINES)



CHAPTER6.1: ENGINE ASSEMBLY – TIER 4 FINAL (USA / CAN / AUS)

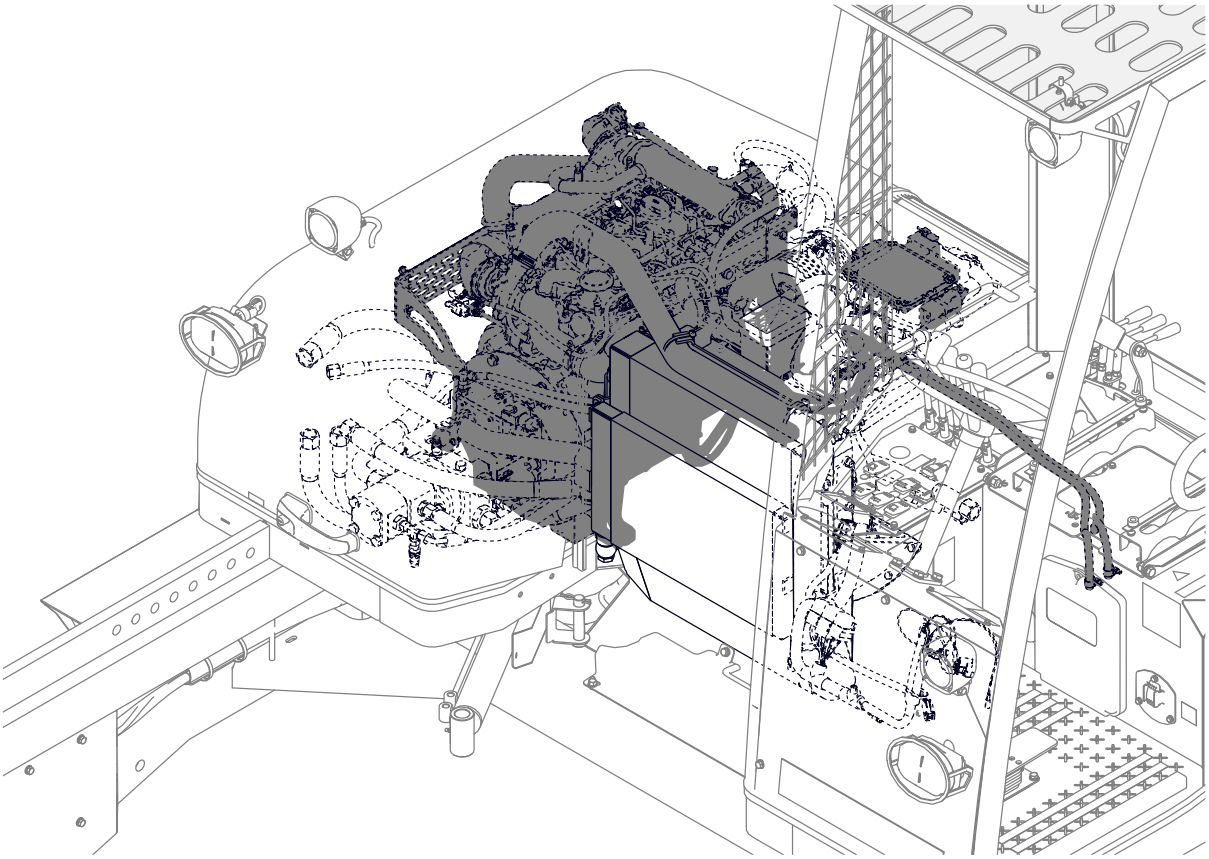


Figure 200: LM1-604-20 HATZ ENGINE TIER 4 FINAL T4F COMPLETE

Jump to Tier 4 Final Engine chapters by clicking headings below.

- COMMON HATZ ENGINE DRESSINGS (ALL ENGINES)
- FUEL AND COOLANT CONNECTIONS (ALL ENGINES)
- HATZ TIER 4 FINAL ENGINE (USA / CAN / AUS)
- HATZ DOWNPIPE ASSEMBLY (TIER 4 FINAL)
- HATZ DOC HEAT SHEILD (TIER 4 FINAL)
- HATZ INTAKE RUNNER ADAPTER (TIER 4 FINAL)
- HATZ ENGINE COOLING SYSTEM (ALL ENGINES)
- AIR FILTER HOUSING (ALL ENGINES)
- OIL COOLER (TIER 4 FINAL)
- HEATER BLOCK OPTION (ALL ENGINES / TERRITORIES)
- HYDROSTATIC TRANSMISSION PUMP

CHAPTER6.2: ENGINE ASSEMBLY – STAGE 5 (UK / EU)

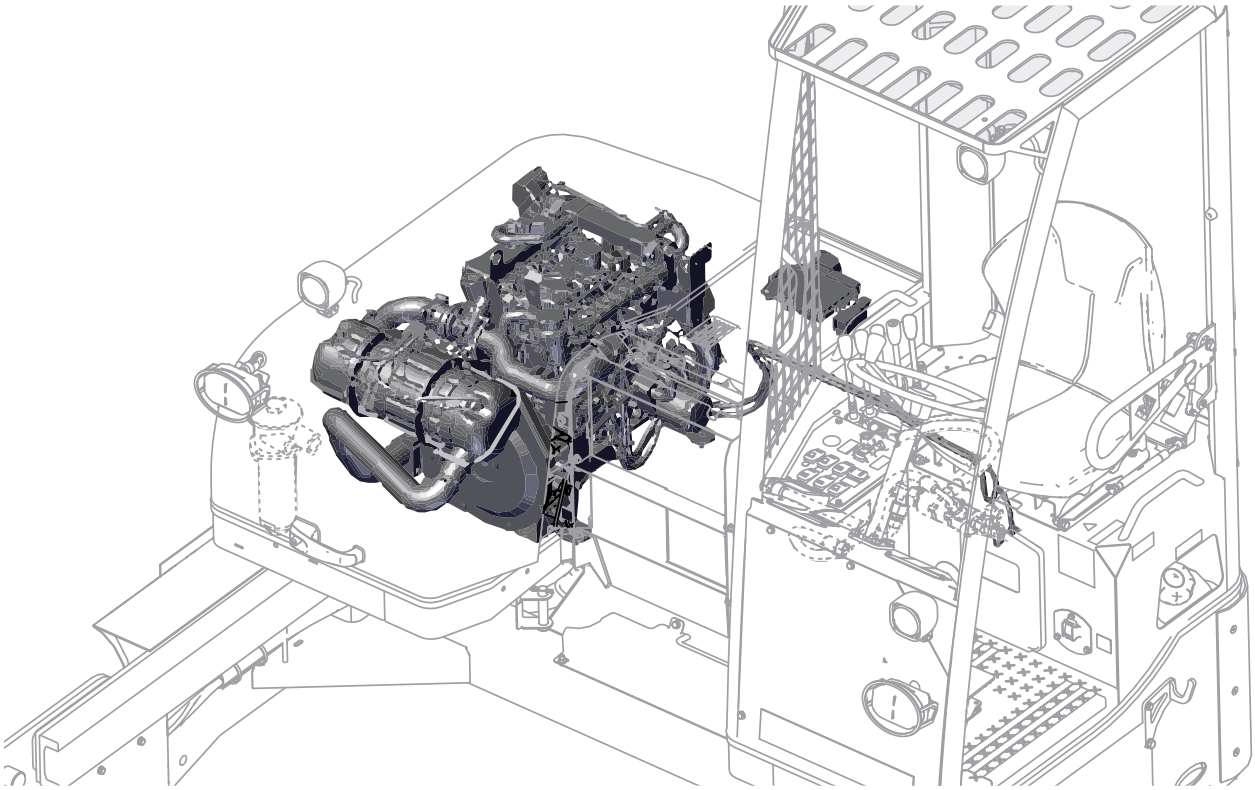


Figure 201: LM1-604-30 HATZ ENGINE STAGE 5 COMPLETE

Jump to Stage 5 Engine chapters by clicking headings below.

- COMMON HATZ ENGINE DRESSINGS (ALL ENGINES)
- FUEL AND COOLANT CONNECTIONS (ALL ENGINES)
- HATZ ENGINE COOLING SYSTEM (ALL ENGINES)
- AIR FILTER HOUSING (ALL ENGINES)
- HATZ STAGE 5 ENGINE (UK / EU)
- LM1-605-500 EXHAUST ASSEMBLY (STAGE 5)
- NON-OIL COOLING - OIL TANK TO 6 PORT RETURN MANIFOLD (STAGE 5)
- HEATER BLOCK OPTION (ALL ENGINES / TERRITORIES)
- HYDROSTATIC TRANSMISSION PUMP
- DIESEL PARTICULAR FILTER DPF (STAGE 5)

CHAPTER6.3: COMMON HATZ ENGINE DRESSINGS (ALL ENGINES)

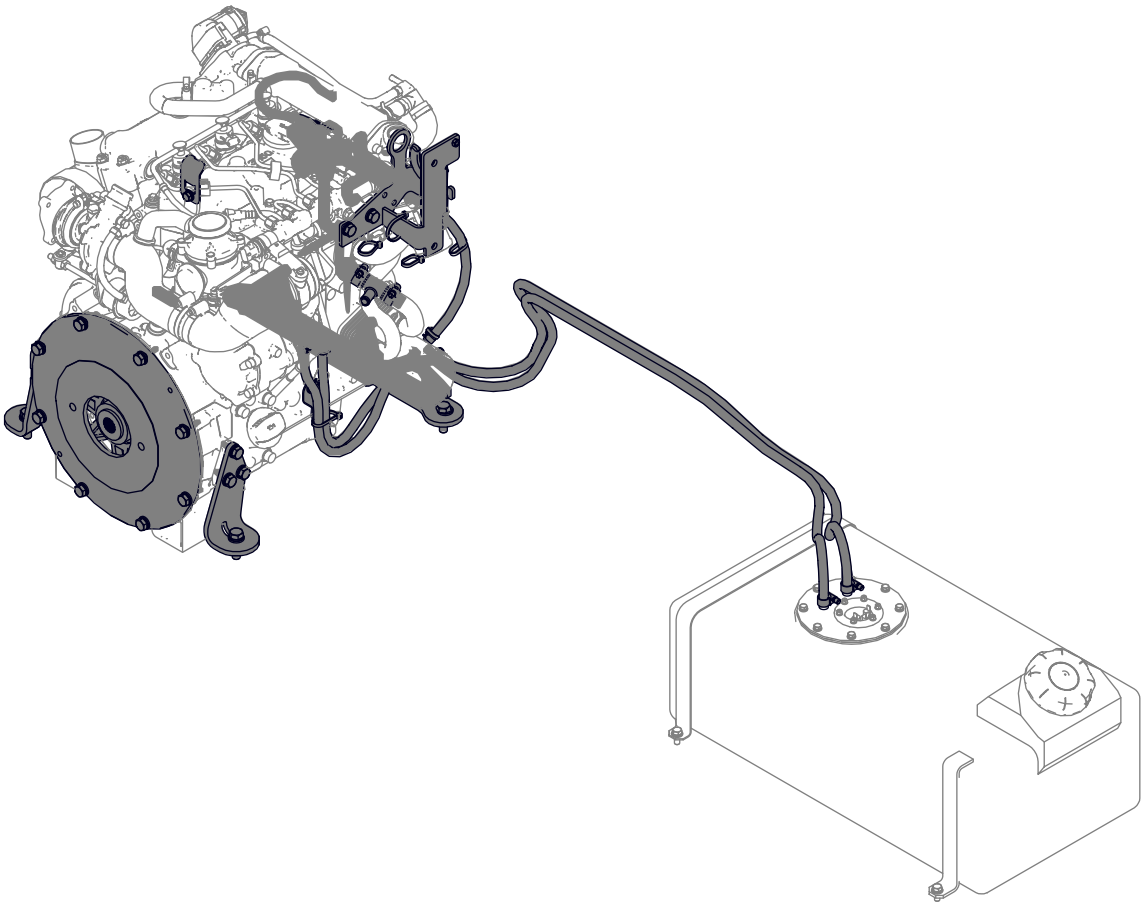
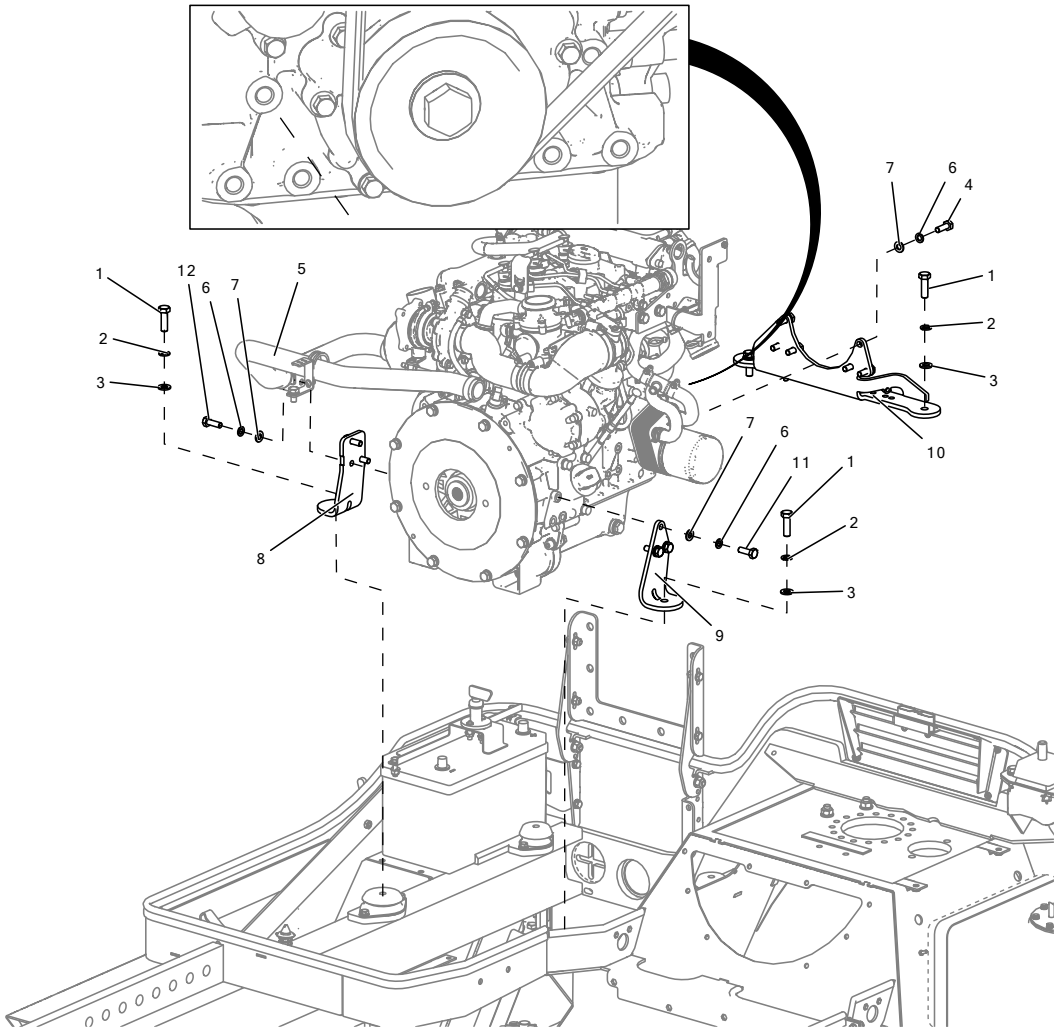


Figure 202: LM1-604-50 COMMON HATZ ENGINE DRESSINGS



Valid for both engines. Tier 4 final shown above.

Figure 203: LM1-604-50 ENGINE MOUNT BRACKETS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS12035Z	4	M12 X 35 HEX HEAD SCREW 8.8	
2	XW12SZ	4	M12 SPRING WASHER	
3	XW12CZ	4	M12 FORM C WASHER	
4	XS10030Z	6	M10 X 30 HEX HEAD SCREW 8.8	
5	LM1-616-210	1	LOWER COOLANT HOSE WITH FIXINGS	
6	XW10SZ	12	M10 SPRING WASHER	
7	XW10AZ	12	M10 FORM A WASHER	
8	LM1-600-23	1	ENGINE MOUNT FRONT RH HATZ	
9	LM1-600-22	1	ENGINE MOUNT FRONT LH HATZ	
10	LM1-600-30	1	REAR ENGINE MOUNT	
11	XS10040Z	3	M10 X 40 HEX HEAD SCREW 8.8	
12	XS10025Z	3	M10 X 25 HEX HEAD SCREW 8.8	

Table 120: LM1-604-50 ENGINE MOUNT BRACKETS BOM

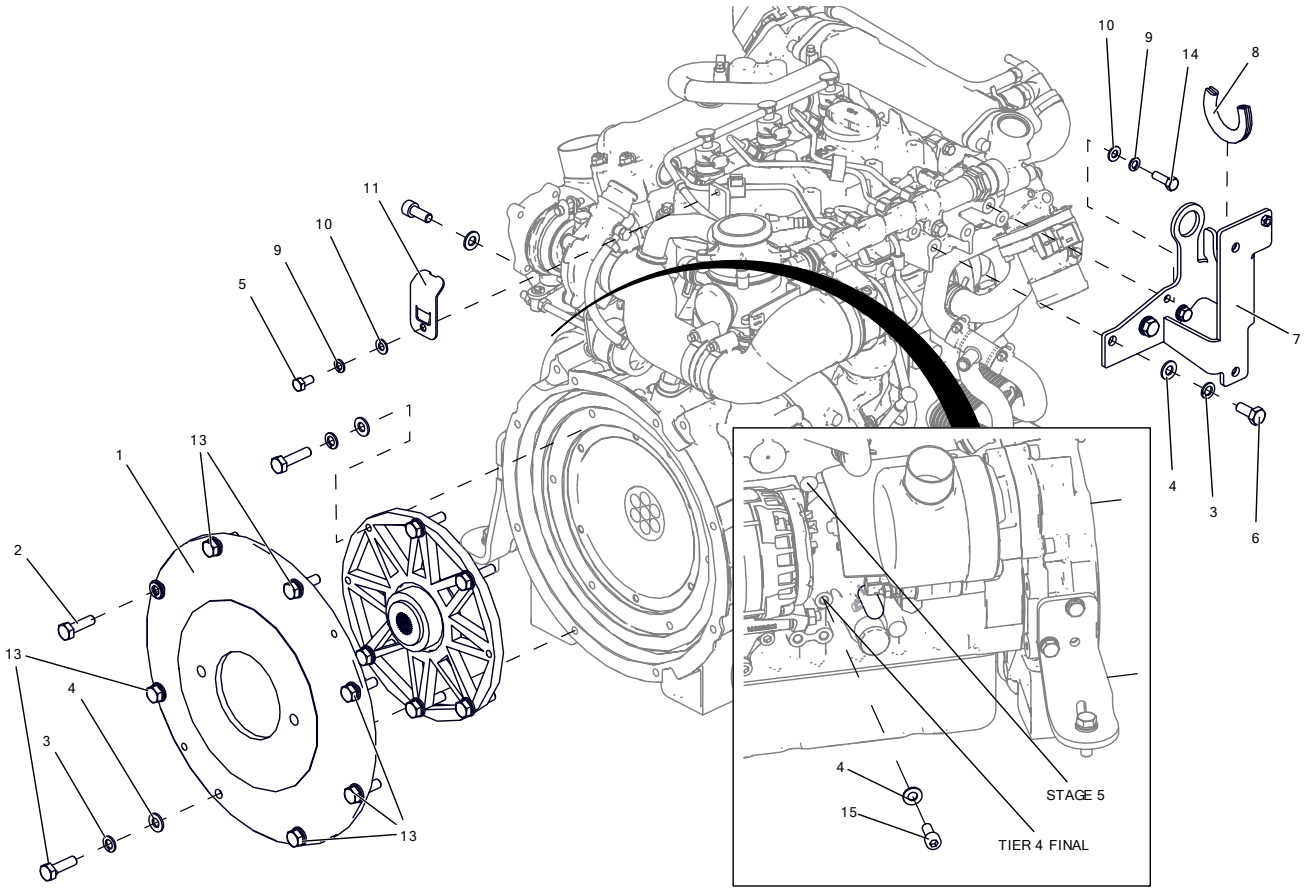


Figure 204: LM1-604-50 BELL HOUSING AND OTHER BRACKETS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YCOUPLING1	1	ENGINE/HYDROSTATIC PUMP COUPLING	
2	XS10035Z	7	M10 X 35 HEX HEAD SCREW 8.8	
3	XW10SZ	16	M10 SPRING WASHER	
4	XW10AZ	17	M10 FORM A WASHER	
5	XS08016Z	1	M8 X 16 HEX HEAD SCREW 8.8	
6	XS10025Z	2	M10 X 25 HEX HEAD SCREW 8.8	
7	LM1-606-20	1	AIR FILTER MOUNT WA	
8	LM1-616-33	1	YSEALSTRIP30 X 130MM LONG	
9	XW08SZ	3	M8 SPRING WASHER	
10	XW08AZ	3	M8 FORM A WASHER	
11	LM1-606-42	1	CAC TIE POINT	
13	XS10035Z	7	M10 X 35 HEX HEAD SCREW 8.8	
14	XS08025Z	2	M8 X 25 HEX HEAD SCREW	
15	XSC10025BZP	1	M10 X 25 CAP HEAD SCREW	EARTHING POINT

Table 121: LM1-604-50 BELL HOUSING AND OTHER BRACKETS BOM

CHAPTER6.4: FUEL AND COOLANT CONNECTIONS (ALL ENGINES)

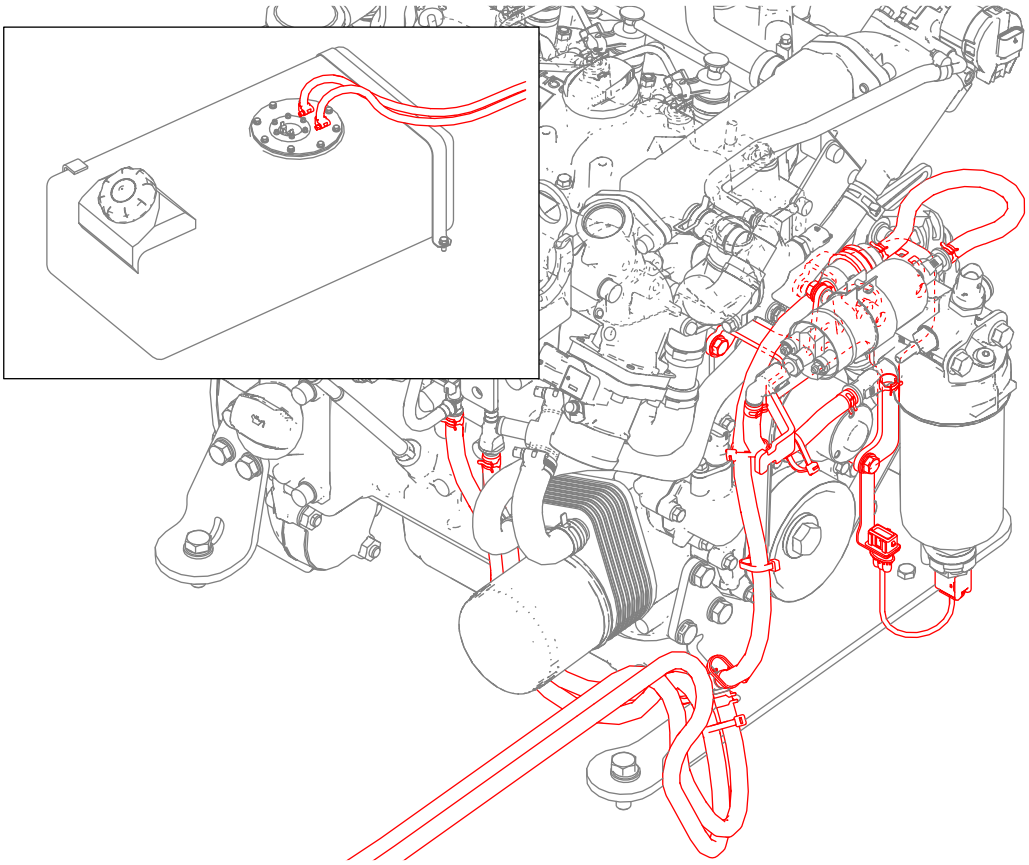


Figure 205: LM1-604-50 FUEL AND COOLANT CONNECTIONS

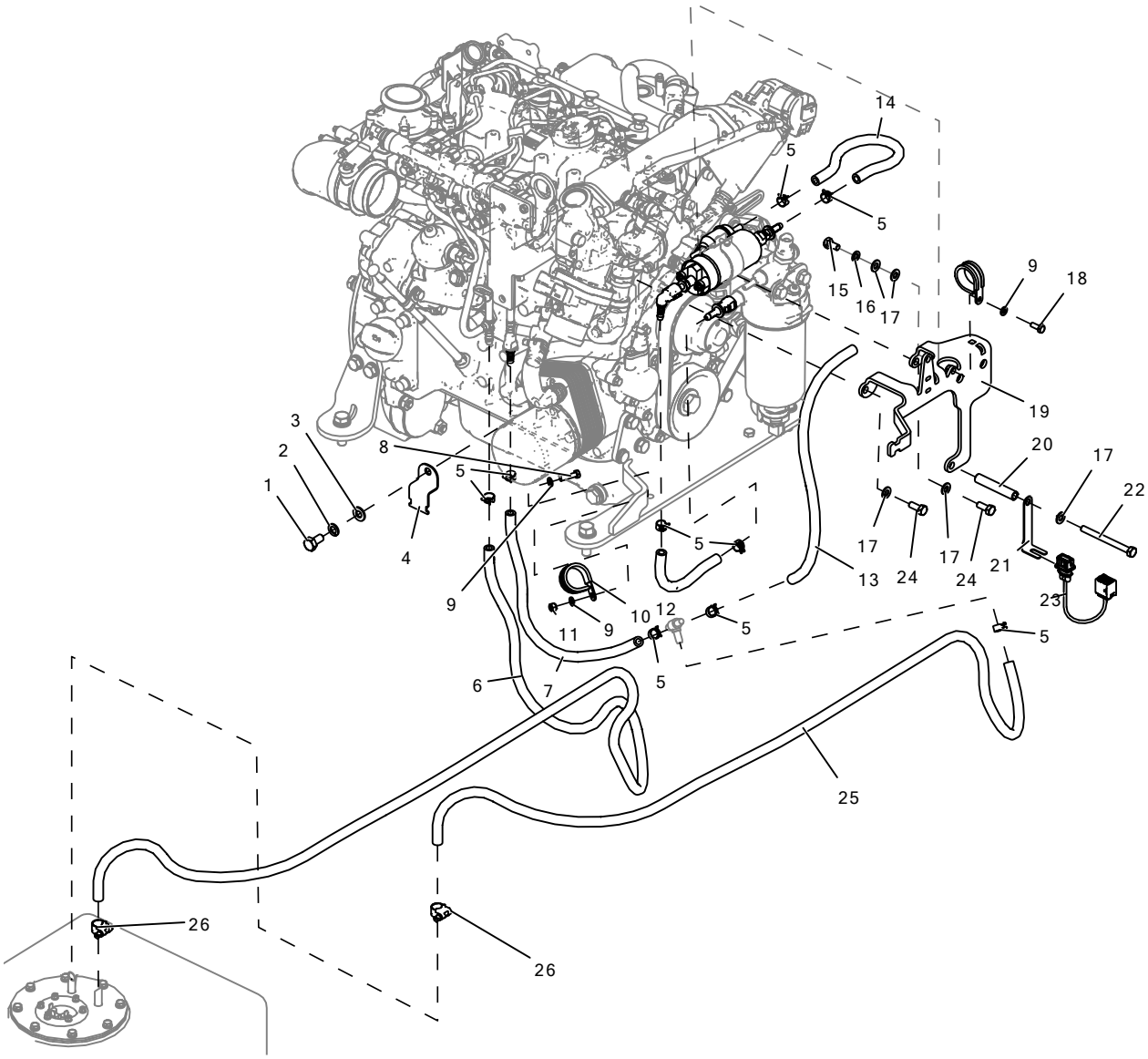


Figure 206: LM1-604-50 FUEL AND COOLANT CONNECTION DETAIL

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XS10025Z	1	M10 X 25 HEX HEAD SCREW 8.8	
2	XW10SZ	1	M10 SPRING WASHER	
3	XW10AZ	1	M10 FORM A WASHER	
4	LM1-606-26	1	TIE POINT	
5	YCLIP14	9	SPRING HOSE CLAMP - ROTOR CLIP 13.2-15.4MM	
6	LM1-602-21	1	FUEL RETURN LINE 1960MM LONG	
7	LM1-602-23	1	FUEL HOSE - ENGINE HIGH PRES. RETURN TO TEE - 440MM LONG	
8	XS06025Z	1	M6 X 25 HEX HEAD SCREW 8.8	
9	XW06AZ	3	M6 FORM A WASHER	
10	YPCLIP33	2	33MM ID CLIP	
11	XN06N	1	M6 NYLOC NUT	
12	LM1-602-25	1	FUEL HOSE - PUMP TO FILTER	
13	LM1-602-27	1	FUEL HOSE - TEE TO PRE-FILTER - 455MM LONG	
14	LM1-602-24	1	FUEL HOSE - PRE-FILTER TO PUMP - 300MM LONG	
15	XS08016Z	1	M8 X 16 HEX HEAD SCREW 8.8	
16	XW08SZ	1	M8 SPRING WASHER	
17	XW08AZ	5	M8 FORM A WASHER	
18	XS06016Z	1	M6 X 16 HEX HEAD SCREW 8.8	
19	LM1-606-50	1	HATZ ENGINE MOUNTED FUEL FILTER MOUNT	
20	LM1-606-46	1	SPACER TUBE - FUEL FILTER MOUNT	
21	LM1-602-28	1	WFS ADAPTER LOOM MOUNT	
22	XB08090Z	1	M8 X 90 HEX HEAD BOLT 8.8	
23	LM1-830-03	1	HATZ FUEL FILTER ADAPTER LOOM	
24	XS08020Z	2	M8 X 20 HEX HEAD SCREW 8.8	
25	LM1-602-22	1	FUEL HOSE - TANK TO TEE - 1390MM LONG	
26	YCLIP16	2	11-16MM HOSE CLIP	

Table 122: LM1-604-50 FUEL AND COOLANT CONNECTION DETAIL BOM

CHAPTER6.5: HATZ TIER 4 FINAL ENGINE (USA / CAN / AUS)

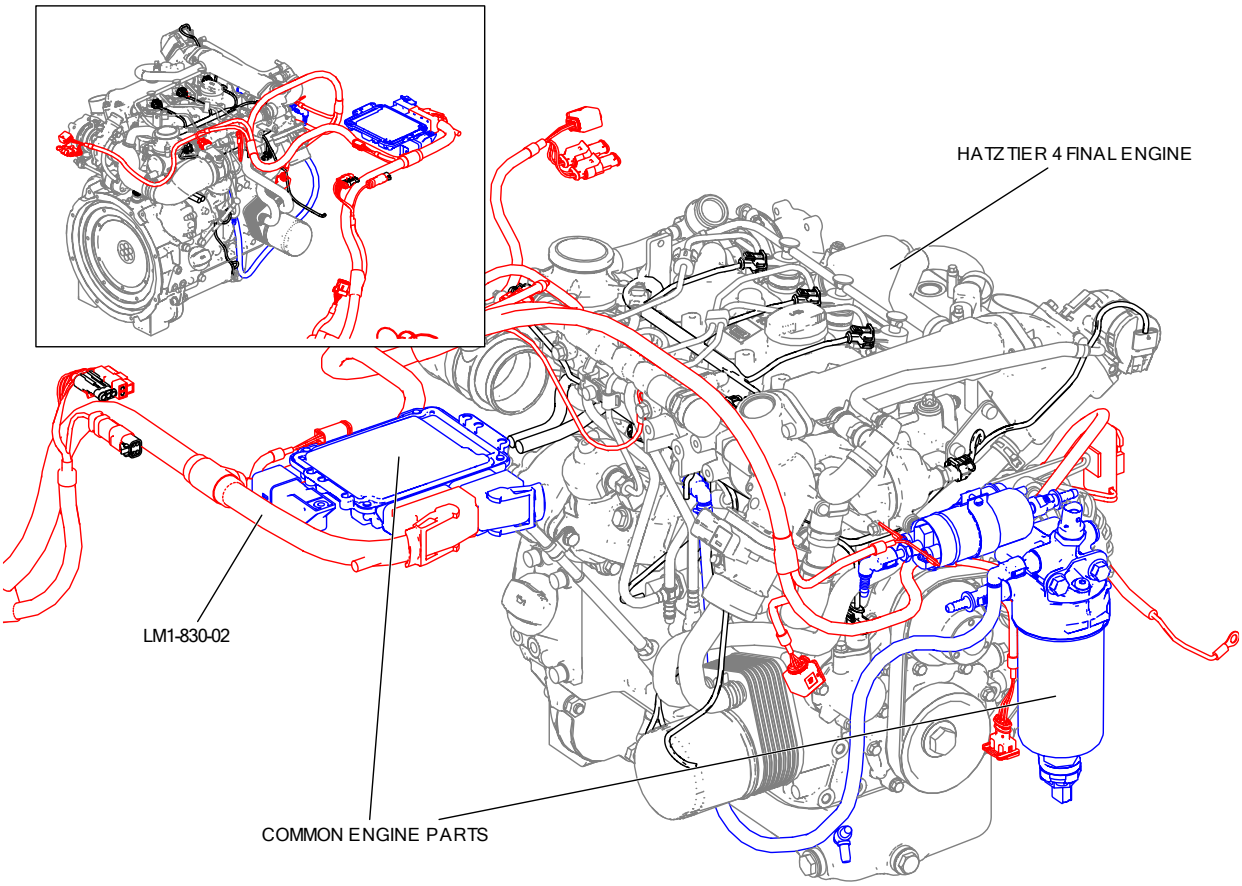


Figure 207: LM1-604-02 HATZ TIER 4 FINAL ENGINE

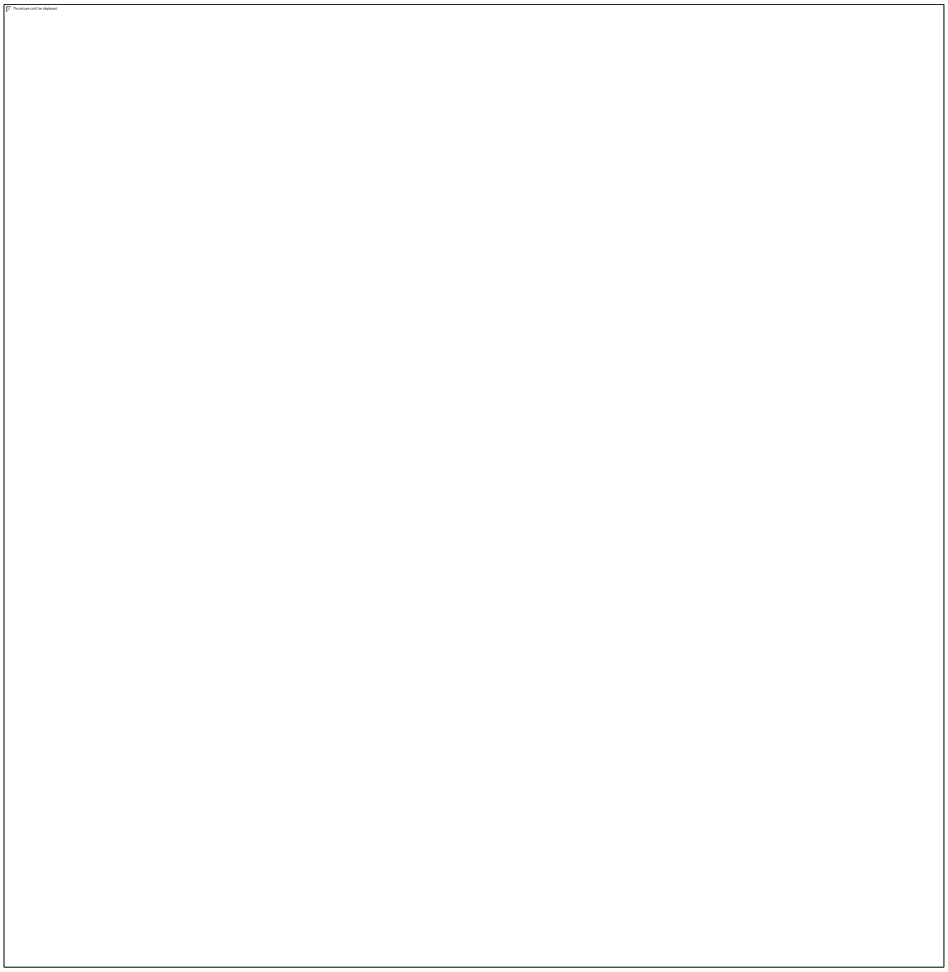
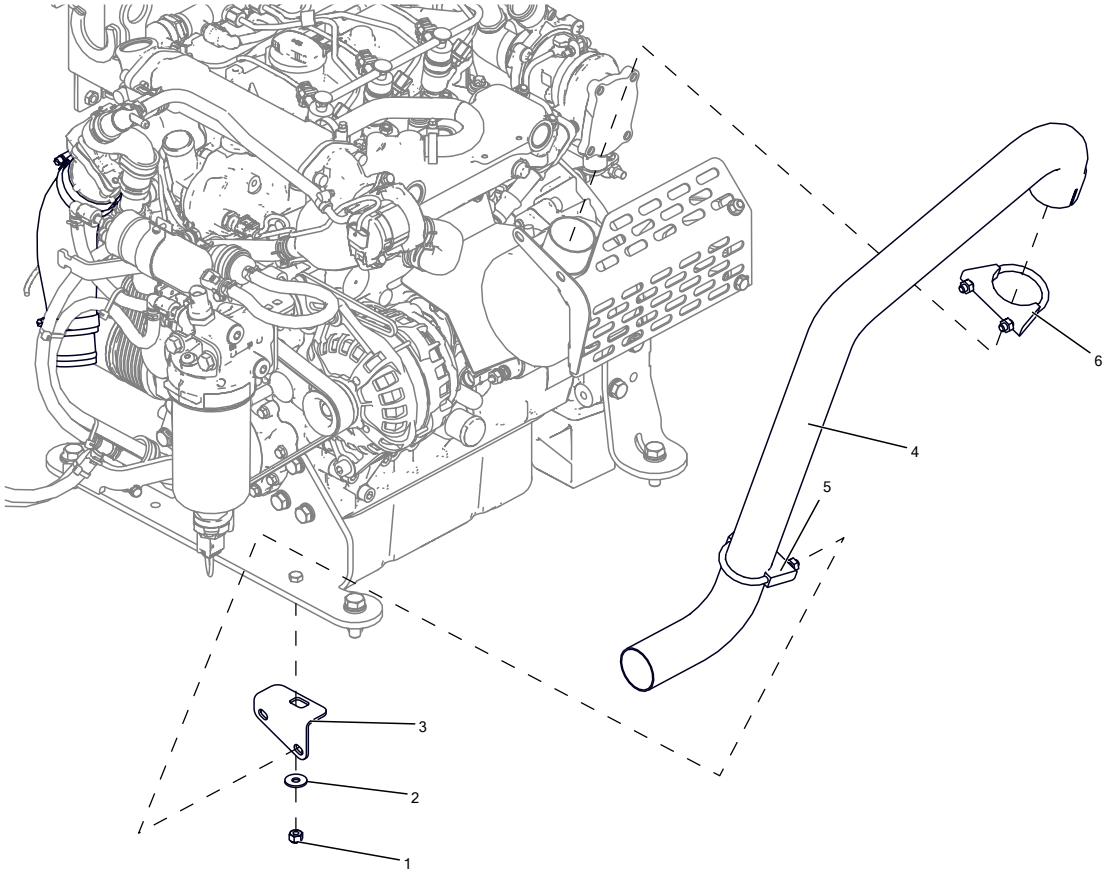


Figure 208: LM1-604-02 COMMON ENGINE PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	HATZ GLOW PLUG CONTROL UNIT	1	NOT SPECIFIED	
2	02578600_DMU	1	ENGINE MANAGEMENT UNIT	
3	YFUELCONNECTOR1	3	FUEL CONNECTOR 90DEG 8MM PUSH-FIT	
4	LM1-602-26	1	HOSE – MAIN FUEL FILTER TO ENGINE	
5	YFILTER23	1	HATZ MAIN FUEL FILTER 000002151900	
6	YFUELPUMP1	1	HATZ 12V FUEL FEED PUMP 023 683 02	
7	YFILTER24	1	8MM HATZ FUEL PRE-FILTER 000050695800	

Table 123: LM1-604-02 COMMON ENGINE PARTS

CHAPTER6.6: EXHAUST ASSEMBLY (TIER 4 FINAL)



ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XN08N	1	M8 NYLOC NUT	
2	XW08CZ	1	M8 FORM C WASHER	
3	LM1-605-18	1	BRACKET - DOC TAILPIPE	
4	LM1-605-19	1	EXHAUST DOWNPIPE - 3H50 ENGINE	
5	YCLAMP50.8	1	2" U BOLT CLAMP	
6	YCLAMP57	1	2.25" U BOLT CLAMP	

Table 124: LM1-605-45 HATZ DOWNPIPE ASSEMBLY BOM

CHAPTER6.7: HATZ DOC HEAT SHEILD (TIER 4 FINAL)

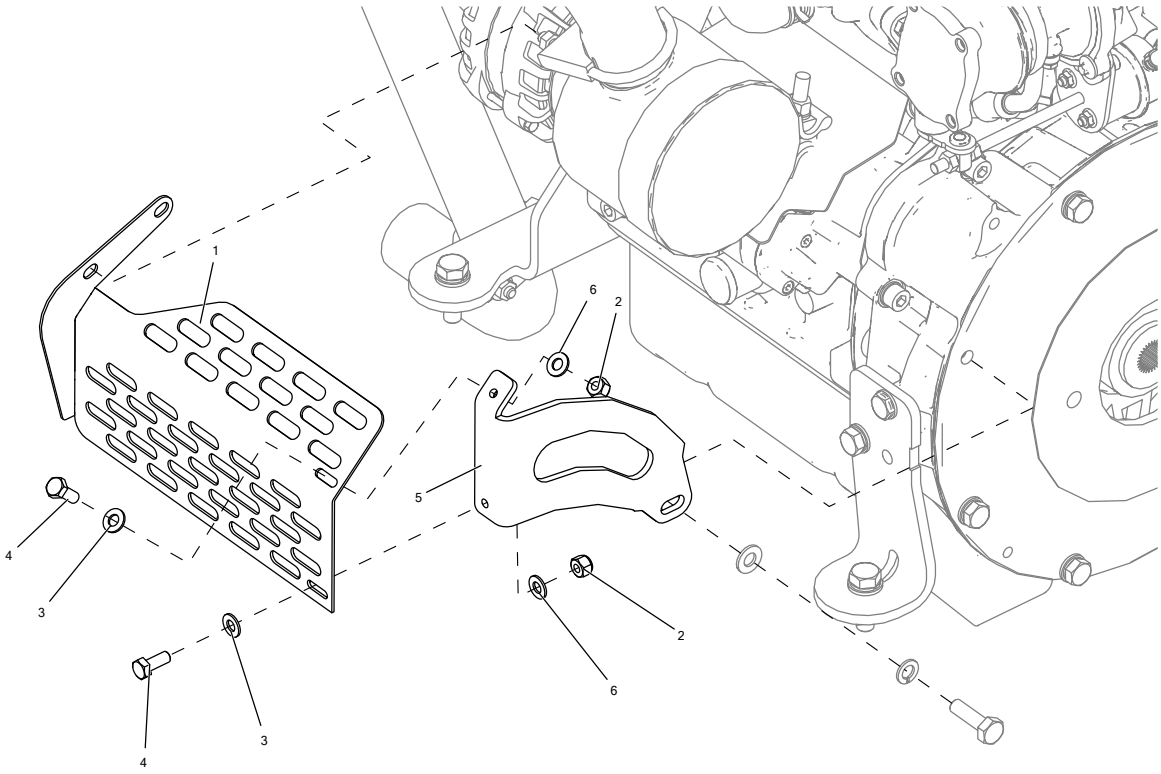


Figure 209: LM1-600-59 DOC HEAT SHEILD

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-103-62	1	SAFETY GUARD WELD ASSY	
2	XN06Z	2	M6 FULL NUT	
3	XW06AZ	2	M6 FORM A WASHER	
4	XS06020Z	2	M6 X 20 HEX HEAD SCREW 8.8	
5	LM1-103-66	1	SUPPORT BRACKET - DOC GUARD	
6	XW06SRECTZ	2	M6 SPRING WASHER - RECTANGULAR SECTION	

Table 125: LM1-600-59 DOC HEAT SHEILD BOM

CHAPTER6.8: HATZ INTAKE RUNNER ADAPTER (TIER 4 FINAL)

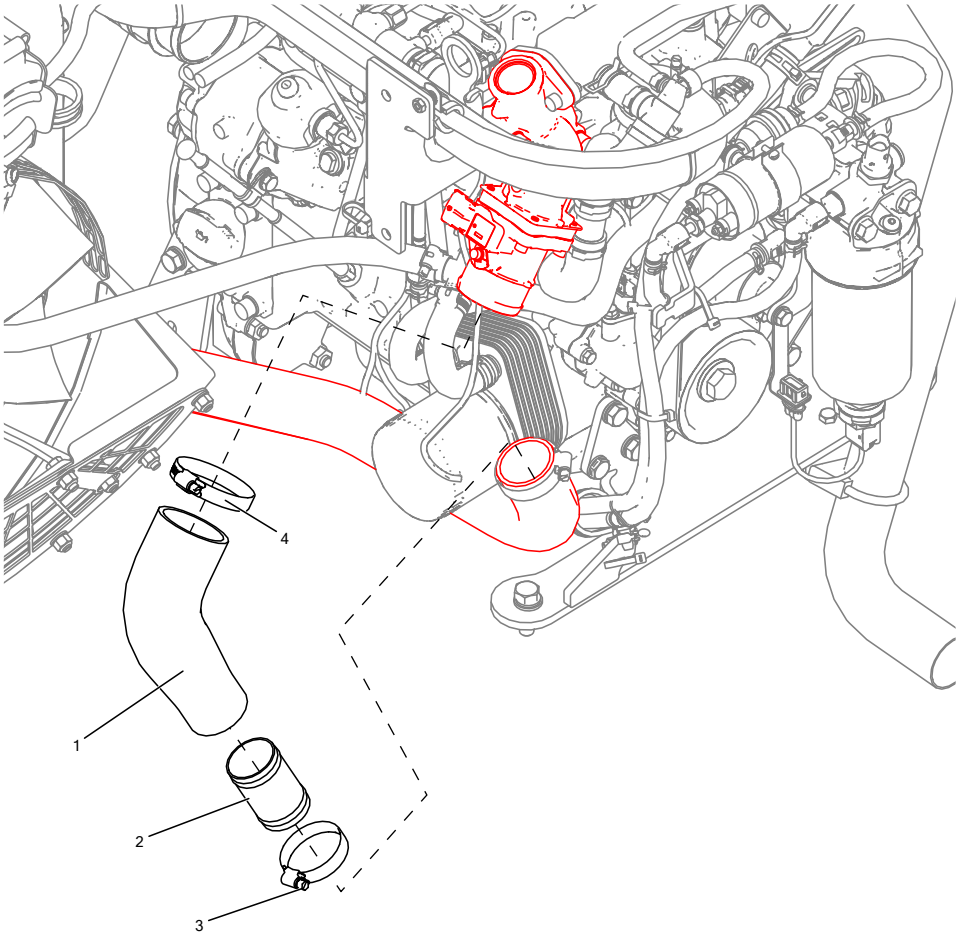


Figure 210: LM1-600-60 INTAKE RUNNER ADAPTER

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-616-29	1	TIER 4F CAC EXTENSION HOSE	
2	YJOINER2	1	JOINER - CAC TO INLET MANIFOLD	
3	YCLIP52	1	HOSE CLIP 45-60MM DIA	
4	YCLIP60	1	HOSE CLIP 60-80MM DIA	

Table 126: LM1-600-60 INTAKE RUNNER ADAPTER BOM

CHAPTER6.9: HATZ STAGE 5 ENGINE (UK / EU)

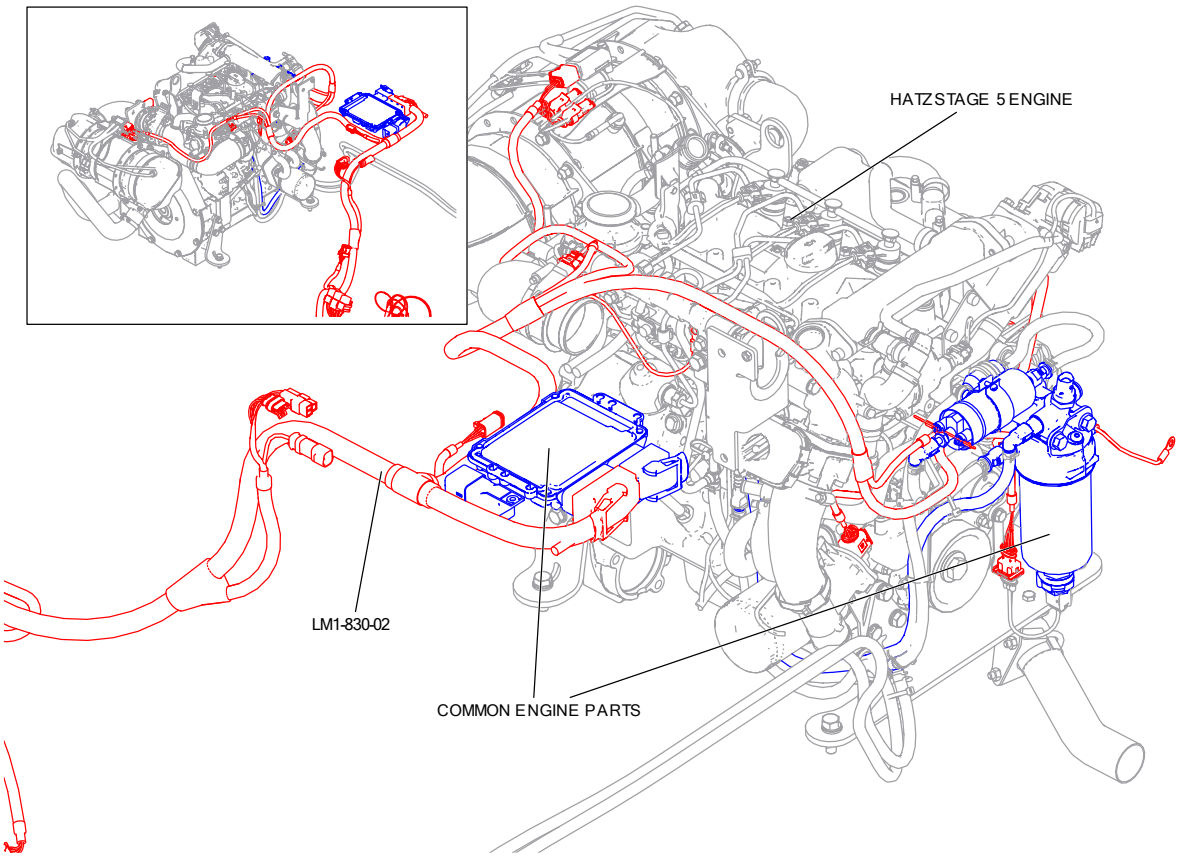


Figure 211: LM1-604-03 HATZ STAGE 5 ENGINE

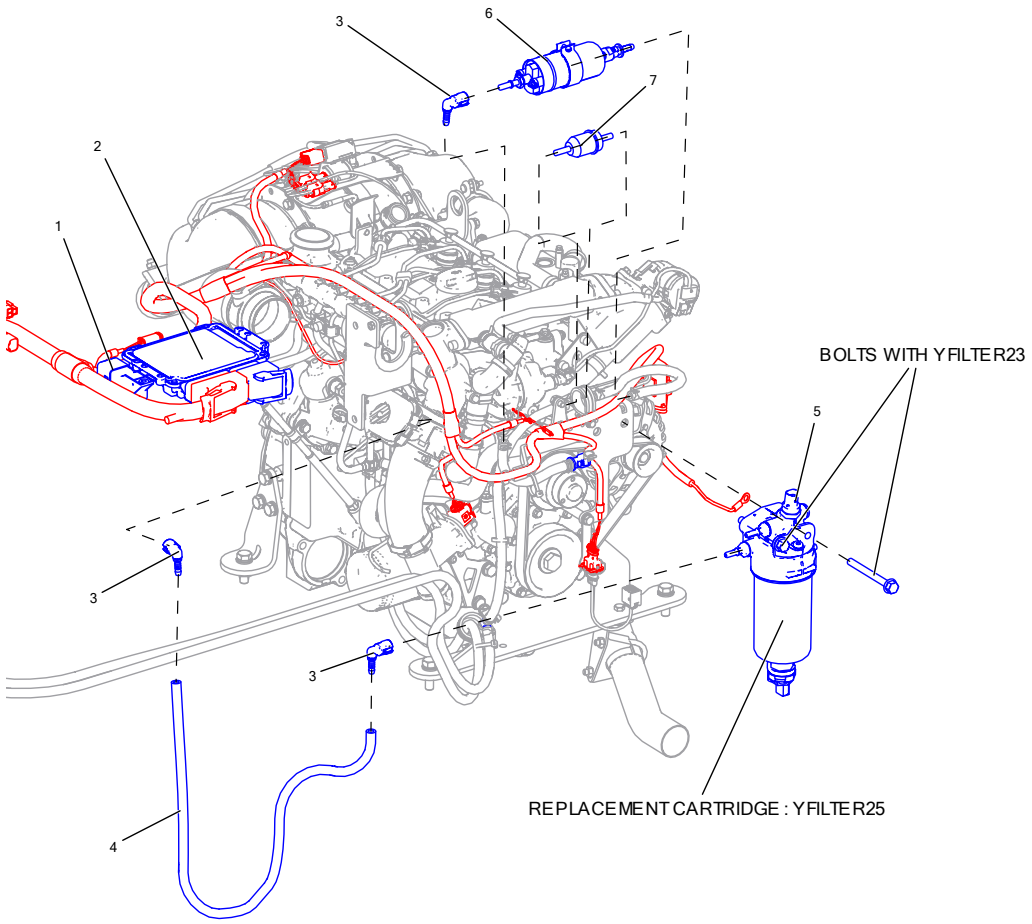


Figure 212: LM1-604-03 COMMON ENGINE PARTS - STAGE 5

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	HATZ GLOW PLUG CONTROL UNIT	1	GLOW PLUG CONTROL UNIT	
2	ECU	1	ENGINE MANAGEMENT UNIT	
3	YFUELCONNECTOR1	3	FUEL CONNECTOR 90DEG 8MM PUSH-FIT	
4	LM1-602-26	1	HOSE - MAIN FUEL FILTER TO ENGINE	
5	YFILTER23	1	HATZ MAIN FUEL FILTER 000002151900	
6	YFUELPUMP1	1	HATZ 12V FUEL FEED PUMP 023 683 02	
7	YFILTER24	1	8MM HATZ FUEL PRE-FILTER 000050695800	

Table 127: LM1-604-03 COMMON ENGINE PARTS - STAGE 5 -BOM

CHAPTER6.10: DIESEL PARTICULATE FILTER DPF (STAGE 5)

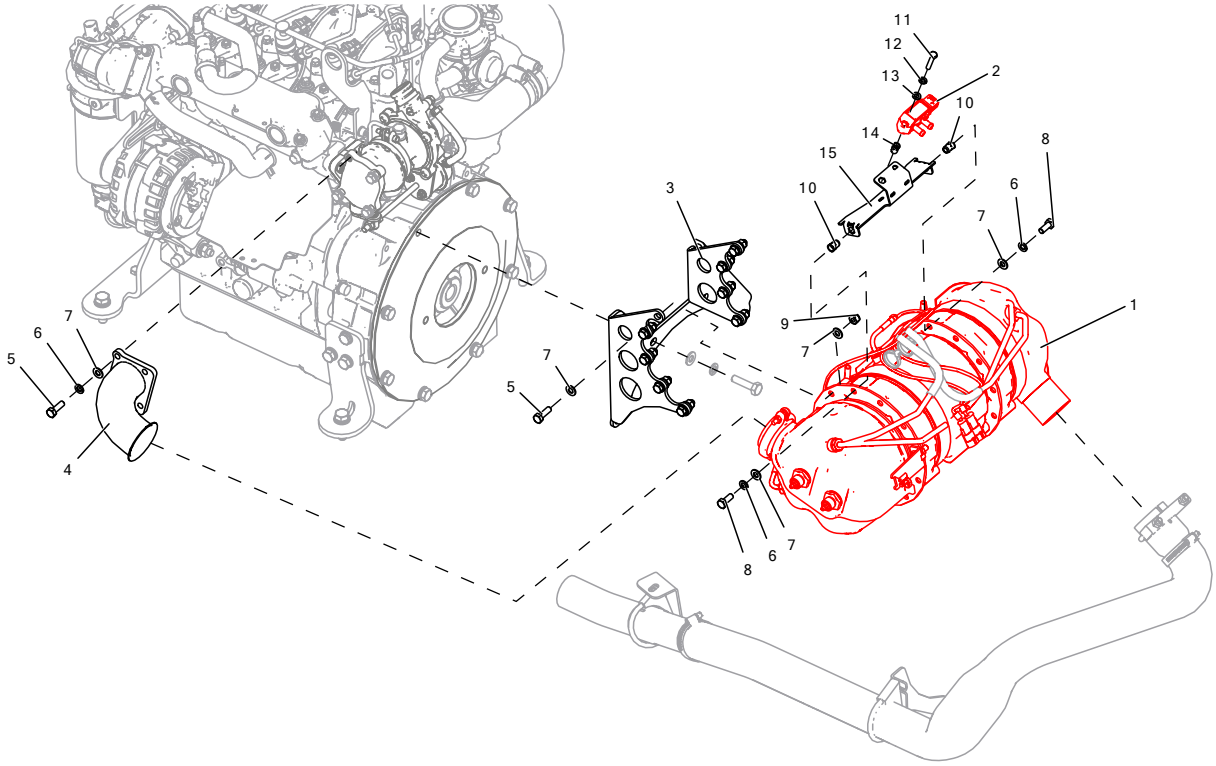


Figure 213: DIESEL PARTICULATE FILTER DPF (STAGE 5)

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	DPF	1	DPF	
2	81MPP14-01	1	DPF SENSOR	
3	LM1-605-71	1	DPF MOUNT FRAME	
4	LM1-605-60	1	EXHAUST ELBOW - TURBO TO DPF	
5	XS08025Z	13	M8 X 25 HEX HEAD SCREW 8.8	
6	XW08SZ	8	M8 SPRING WASHER	
7	XW08AZ	31	M8 FORM A WASHER	
8	XS08020Z	4	M8 X 20 HEX HEAD SCREW 8.8	
9	XN08P	9	M8 PHILIDAS NUT	
10	XNS08H	2	M8 HEX NUTSERT	
11	XS06030Z	1	M6 X 30 HEX HEAD SCREW 8.8	
12	XW06SZ	1	M6 SPRING WASHER	
13	XW06AZ	6	M6 FORM A WASHER	
14	XNS06H	1	M6 HEX NUTSERT	
15	LM1-605-73	1	DPF SENSOR MOUNT	

Table 128: DIESEL PARTICULATE FILTER DPF (STAGE 5) - BOM

CHAPTER6.11: EXHAUST ASSEMBLY (STAGE 5)

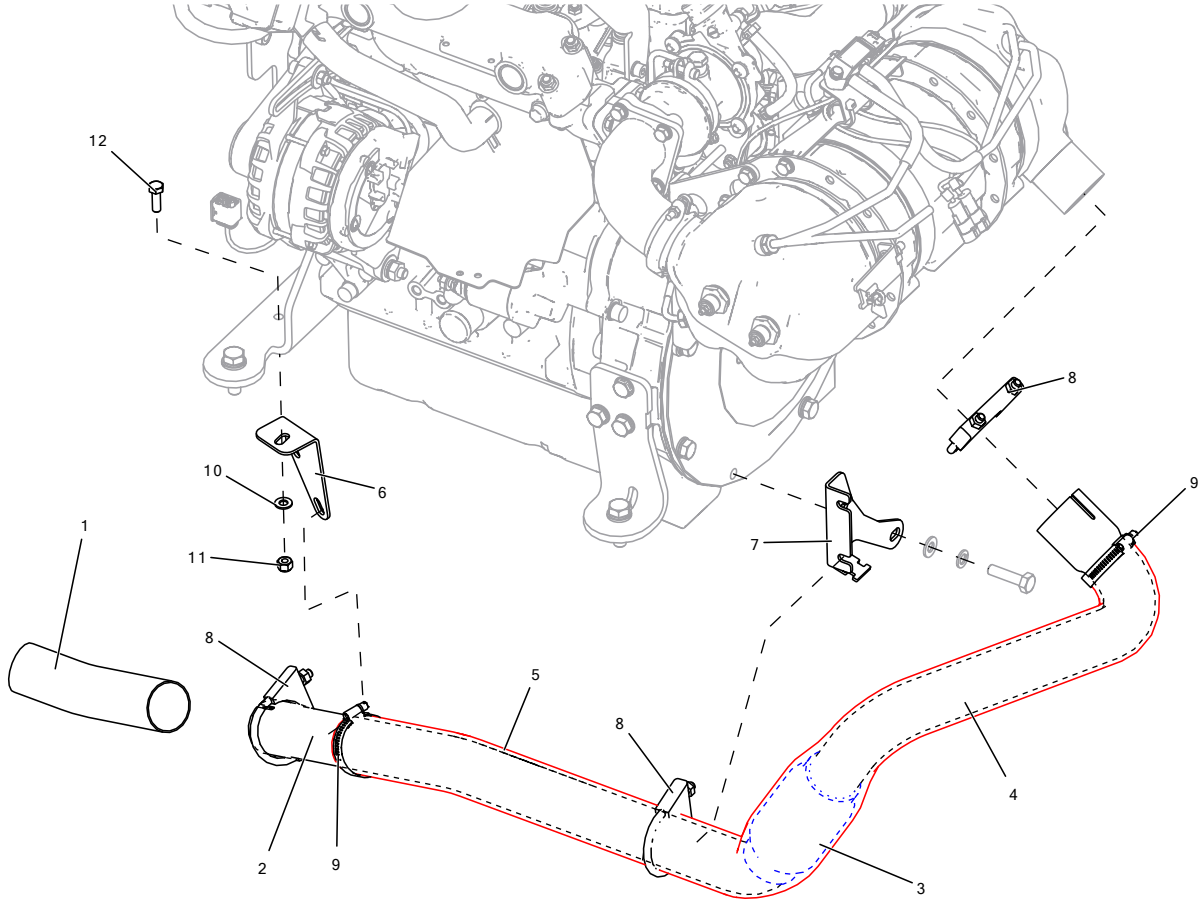


Figure 214: LM1-605-500 EXHAUST ASSEMBLY (STAGE 5)

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-605-54	1	EXHAUST TIP HATZ	
2	LM1-605-53	1	EXHAUST - FLEXI TO TIP	
3	YFLEX5	1	1.75 X 6 BRAIDED EXHAUST FLEXI SECTION	
4	LM1-605-52	1	EXHAUST - DPF TO FLEXI	
5	YTAPE11	1	GRAPHITE HEAT WRAP 600°C BLACK	
6	LM1-605-74	1	EXHAUST BRACKET TIP	
7	LM1-605-72	1	EXHAUST MOUNT BELLHOUSING	
8	YCLAMP57	3	2.25" U BOLT CLAMP	
9	YCLIP52	2	45-60MM HOSE CLIP	
10	XW08AZ	1	M8 FORM A WASHER	
11	XN08N	1	M8 NYLOC NUT	
12	XS08025Z	1	M8 X 25 HEX HEAD SCREW 8.8	

Table 129: LM1-605-500 EXHAUST ASSEMBLY (STAGE 5) - BOM

CHAPTER6.12: HATZ ENGINE COOLING SYSTEM (ALL ENGINES)

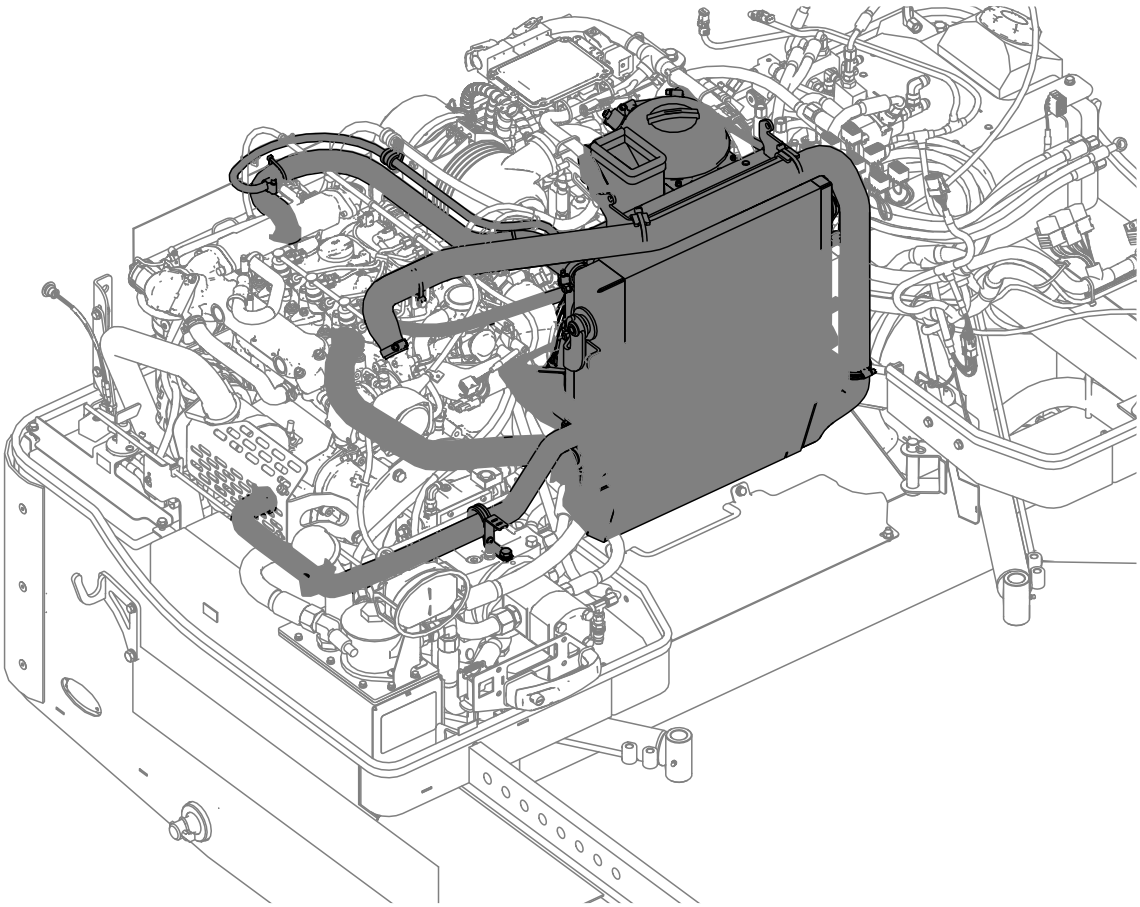


Figure 215: LM1-106-220 HATZ ENGINE COOLING SYSTEM

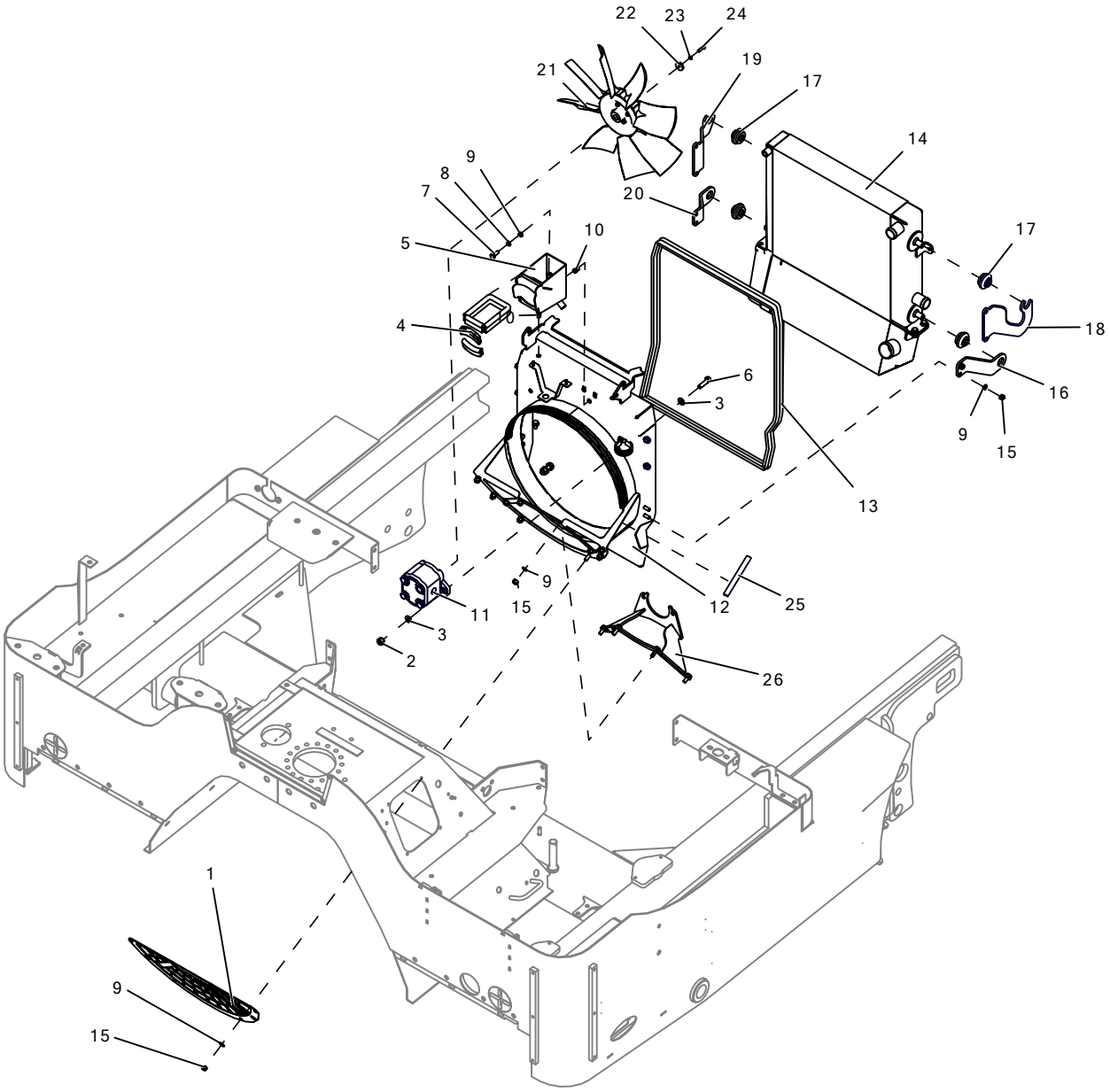


Figure 216: LM1-106-220 HATZ ENGINE COOLING SYSTEM FAN ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-106-156	1	FAN GRILL - WHEEL WELL	
2	XN10N	2	M10 NYLOC NUT	
3	XW10AZ	4	M10 FORM A WASHER	
4	LM1-606-28	1	AIR BOX SEAL KIT - 7601501 477MM LONG	
5	LM1-606-30	1	AIR BOX	
6	XS10035Z	2	M10 X 35 HEX HEAD SCREW 8.8	
7	XS08020Z	3	M8 X 20 HEX HEAD SCREW 8.8	
8	XW08SZ	3	M8 SPRING WASHER	
9	XW08AZ	21	XW08AZ	
10	XNS08H	5	M8 HEX NUTSERT	
11	YMOTOR16	1	HYDRAULIC FAN MOTOR 6.2CC/REV	
12	LM1-106-130	1	RADIATOR SHROUD	
13	LM1-106-135	1	RADIATOR SHROUD SEAL	
14	LM1-617-40	1	HATZ T4F/STG5 COOLING PACK WATER/AIR	
15	XN08N	18	M8 NYLOC NUT	
16	LM1-106-138	1	LOWER RAD MOUNT	
17	LM1-616-03	4	BUSH - RADIATOR SUPPORT	
18	LM1-106-137	1	TOP RAD MOUNT RH	
19	LM1-106-136	1	TOP RAD MOUNT LH	
20	LM1-106-139	1	LOWER LH RAD MOUNT	
21	YFAN2	1	COOLING FAN	
22	LM1-106-44	1	FAN RETAINING WASHER	
23	XW06SZ	1	M6 SPRING WASHER	
24	XS142834Z	1	1/4 UNF X 3/4 HEX HEAD SCREW	
25	LM1-154-24	1	YSEALSTRIP30 X 0.13M	
26	LM1-106-150	1	FAN MOTOR MOUNT	

Table 130: LM1-106-220 HATZ ENGINE COOLING SYSTEM FAN ASSEMBLY BOM

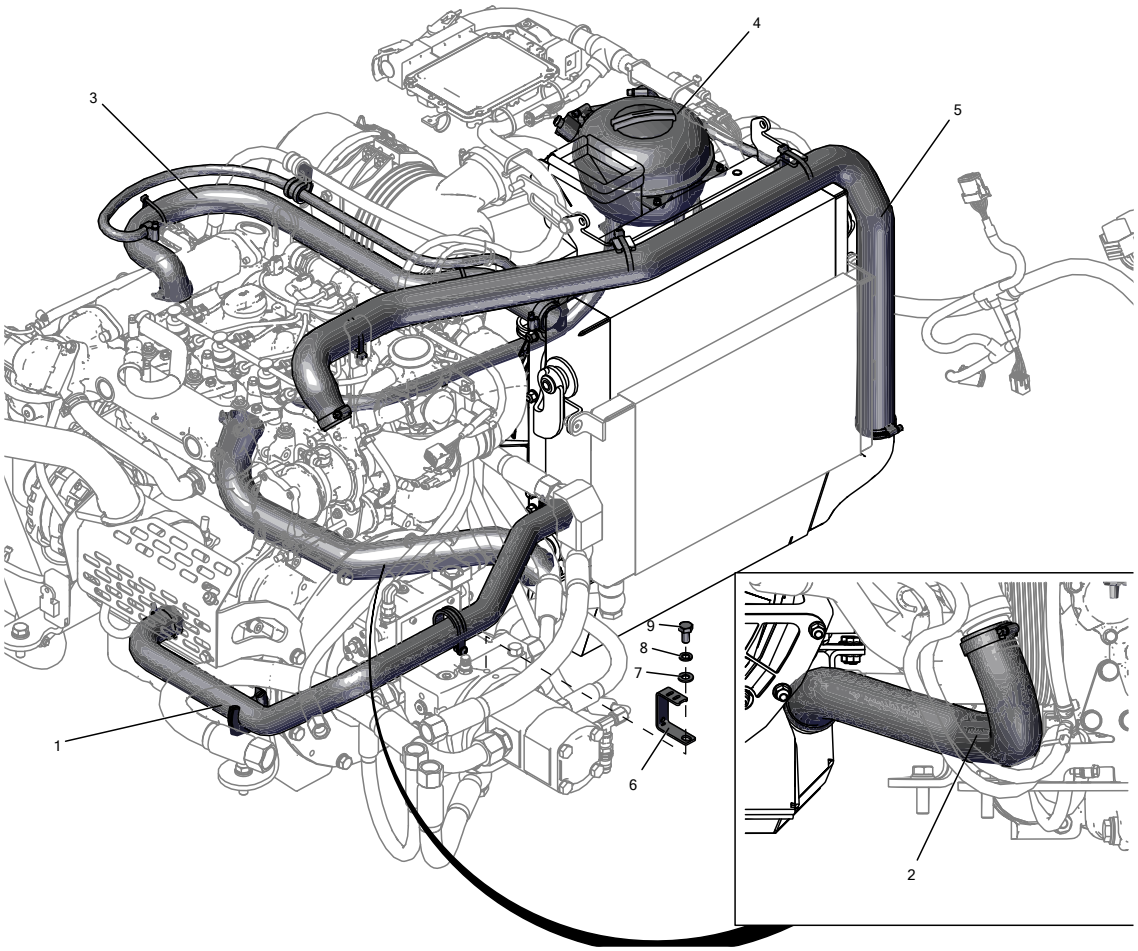


Figure 217: LM1-106-220 HATS ENGINE COOLING SYSTEM PIPEWORK

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-616-21	1	COOLANT HOSE LOWER HATZ	
2	LM1-616-24	1	CHARGE AIR COOLER HOSE LOWER	
3	LM1-616-22	1	COOLANT HOSE TOP	
4	LM1-616-40	1	COOLANT EXPANSION TANK WITH HOSES AND FASTNERS	
5	LM1-616-23	1	CHARGE AIR COOLER HOSE TOP	
6	LM1-106-108	1	COOLANT PIPE AND HOSE TIE POINT	
7	XW10AZ	1	M10 FORM A WASHER	
8	XW10SZ	1	M10 SPRING WASHER	
9	XS10020Z	1	M10 X 20 HEX HEAD SCREW 8.8	

Table 131: LM1-106-220 HATS ENGINE COOLING SYSTEM PIPEWORK BOM

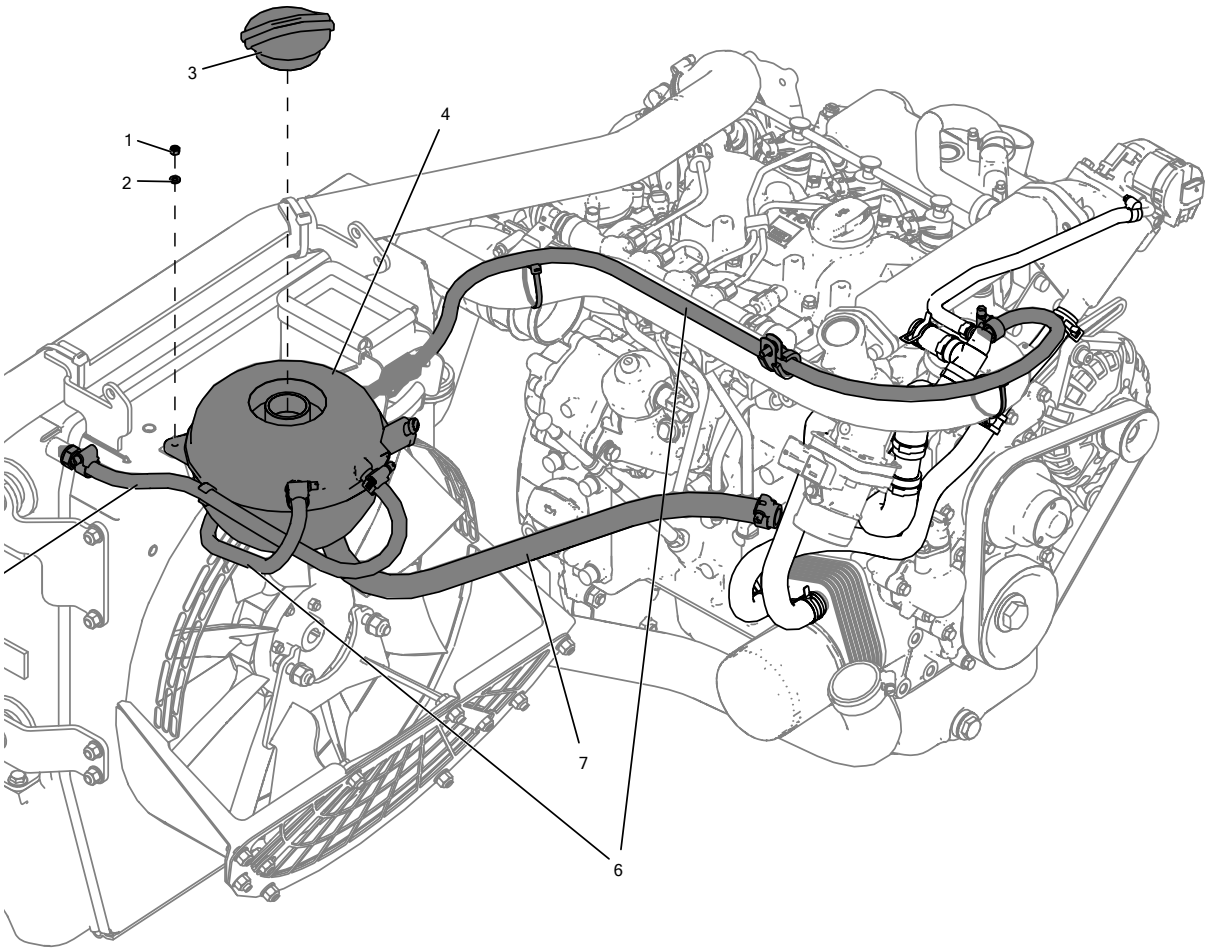


Figure 218: LM1-106-220 COOLANT EXPANSION TANK

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	XN05N	2	M5 NYLOC NUT	
2	XW05CZ	2	M5 FORM C WASHER	
3	LM1-616-16	1	HATZ EXPANSION TANK CAP	
4	LM1-616-15	1	HATZ EXPANSION TANK	
5	LM1-616-31	1	RADIATOR BLEED HOSE 460MM LONG	
6	LM1-616-32	1	COOLANT OVERFLOW HOSES 1522MM LONG	
7	LM1-616-27	1	YHOSE1 593MM LONG 16 ID X 5 23 OD	

Table 132: LM1-106-220 COOLANT EXPANSION TANK BOM

CHAPTER6.13: AIR FILTER HOUSING (ALL ENGINES)

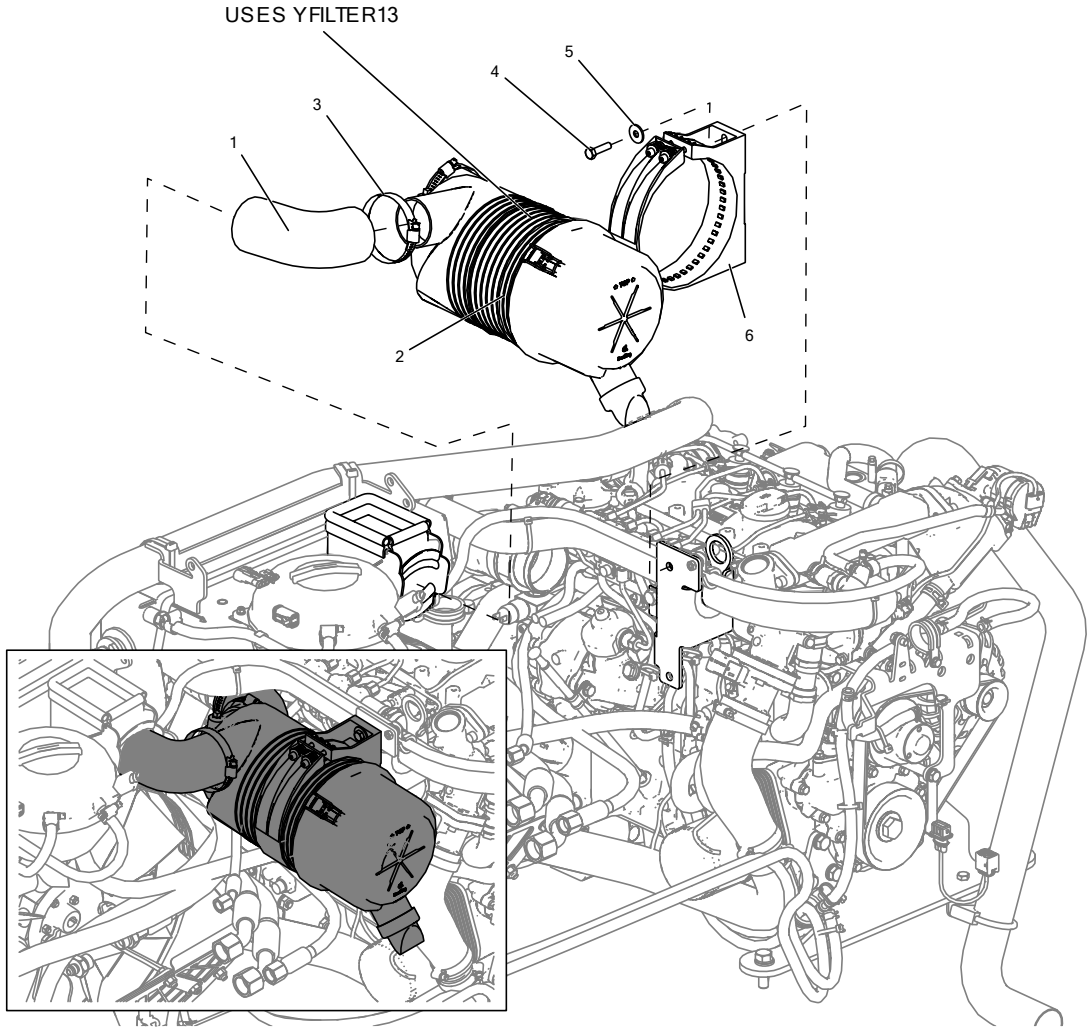


Figure 219: LM1-606-100 AIR FILTER HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-616-26	1	INTAKE - ATMOS TO AIR FILTER	
2	YFILTER11	1	AIR FILTER HOUSING ASSEMBLY (INCLUDES YFILTER13)	
3	YCLIP60	1	HOSE CLIP 60-80MM	
4	XS08025Z	2	M8 X 25 HEX HEAD SCREW 8.8	
5	XW08CZ	2	M8 FORM C WASHER	
6	YFILTERMOUNT1	1	MOUNT - HATZ T4F AIR FILTER	

Table 133: LM1-606-100 AIR FILTER HOUSING BOM

CHAPTER6.14: HYDROSTATIC TRANSMISSION PUMP

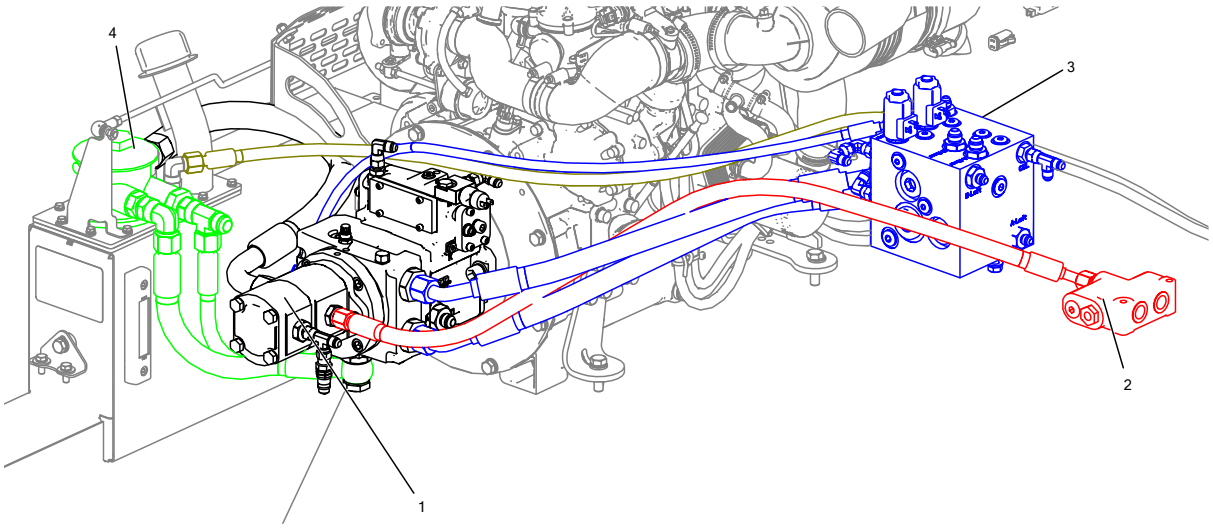


Figure 220: HYDROSTATIC TRANSMISSION PUMP [ALL ENGINES] 2-WAY ONLY

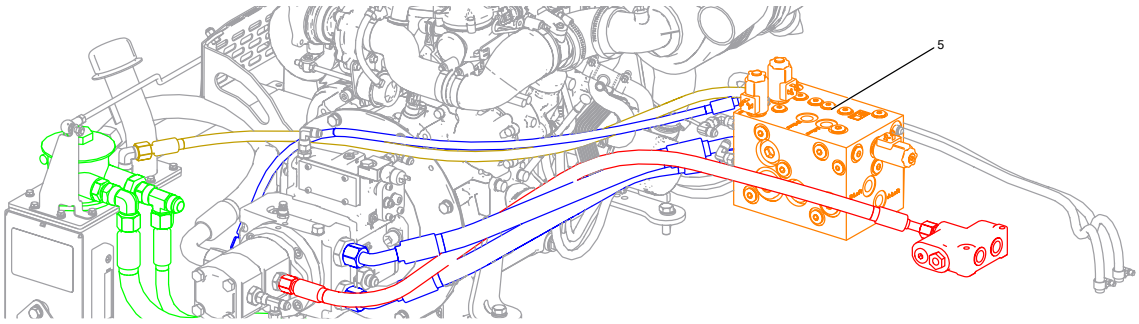
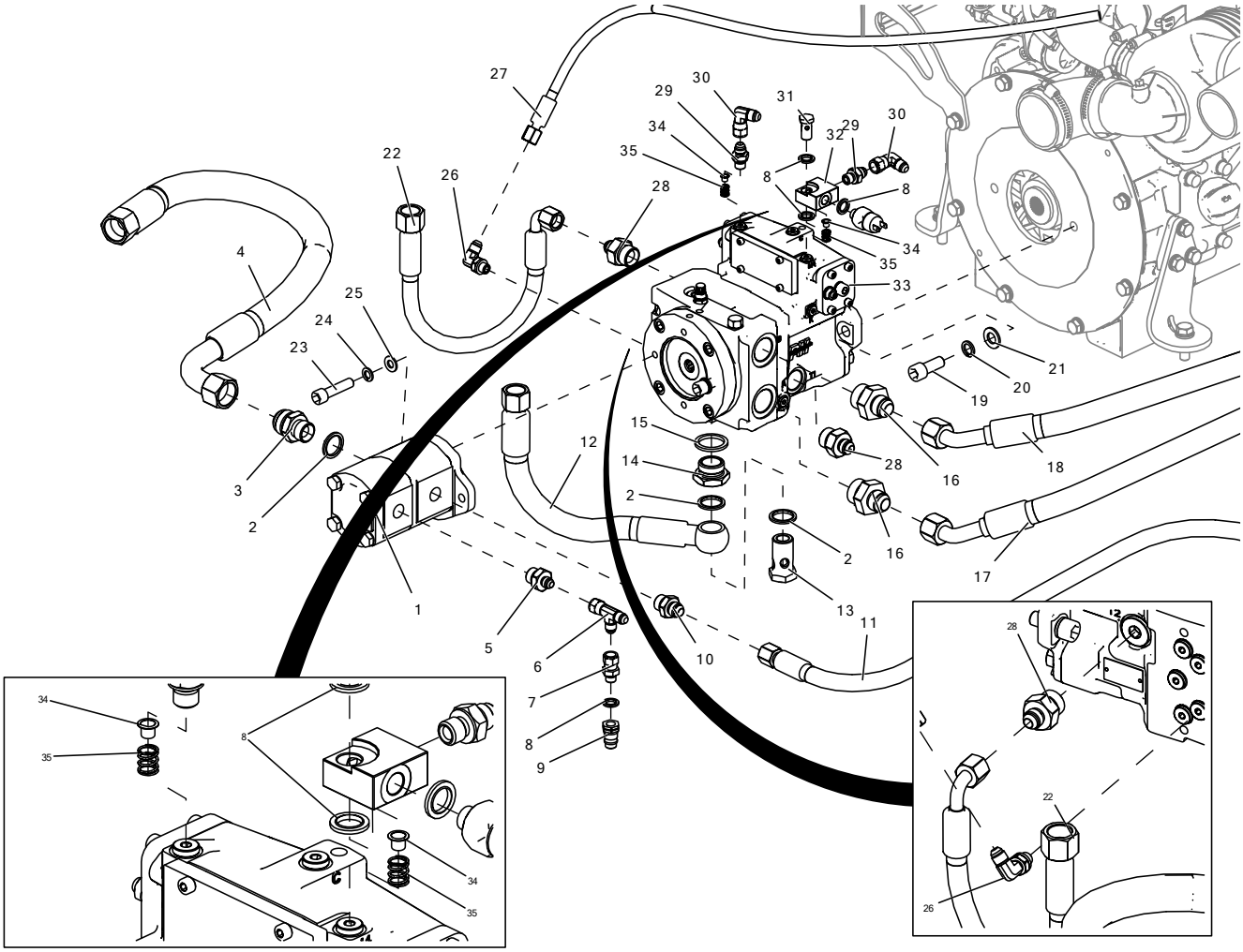


Figure 221: HYDROSTATIC TRANSMISSION PUMP [ALL ENGINES] 4-WAY ONLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-708-00	1	HYDROSTATIC PUMP WITH FITTINGS	
2	YVALVE5	1	PRIORITY VALVE	
3	YBLOCK1	1	2-WAY HYDRAULIC DIFFERENTIAL BLOCK	2-WAY ONLY
4	YFILTER1	1	HYDRAULIC COMBINATION FILTER	
5	YBLOCK4		4-WAY HYDRAULIC DIFFERENTIAL BLOCK	4-WAY ONLY

Table 134: HYDROSTATIC TRANSMISSION PUMP 2-WAY [ALL ENGINES] 2-WAY AND 4-WAY - BOM



Same setup here for 2-way and 4-way

Figure 222: LM1-708-20 HYDROSTATIC TRANSMISSION PUMP DETAIL [ALL ENGINES]

ITEM	PART NUMBER	QTY	DESCRIPTION – WITH TIER 4 FINAL FITTINGS	DESCRIPTION - WITH STAGE 5 FITTINGS
1	YPUMP19	1	14-6 CC/REV TANDEM PUMP	SAME
2	YHS3/4D	3	3/4" BSP DOWTY WASHER	ONLY 2 ON PUMP OUTLET (UNDERSIDE)
3	YHA3.4-1.5.16J	1	3/4" BSP M W/ SEAL TO 1 5/16J M	YHA3.4-28L
4	LM1-700-J239	1	Hydraulic Tank to Gear Pump	LM1-700-M239
5	YHA1.2-9.16J	1	1/2" BSP M W/ SEAL TO 9/16J-18 M	YHA1.2-12L
6	YHT9-16JMFM	1	9/16J-18 TEE MFM MALE ON BRANCH	YHT12LMFM
7	YHA1.4-9.16JF	1	1/4" BSP TO 9/16J-18 SWIVEL FEMALE	YHA1.4-12LF
8	YHS1/4D	4	1/4" BSP DOWTY WASHER	NOT ON STAGE 5
9	YPROBE1	1	1/4" BSP ISO A QUICK RELEASE PROBE (M)	SAME
10	YHA1.2-3.4J	1	1/2" BSP M W/ SEAL TO 3/4J-16 M	YHA1.2-15L
11	LM1-700-J350	1	14cc/rev (Tandem) Pump to Priority Valve	LM1-700-M350
12	LM1-700-J206	1	JIC Combo Filter Outlet to Hydrostatic Pump	LM1-700-M206
13	YHA3.4BB	1	3/4" BSP BANJO BOLT	SAME
14	YHR1-3.4	1	1" BSP TP 3/4" BSP REDUCER BUSH	SAME
15	YHS1D	1	1" BSP DOWTY WASHER	SAME
16	YHA1-1.1.16J	2	1" BSP TO 1 1/16J MALE - MALE ADAPTER	YHA1-25S
17	LM1-700-J200	1	JIC Block "A" to Hydrostatic Pump "A"	LM1-700-M200
18	LM1-700-J201	1	JIC Block "B" to Hydrostatic Pump "B"	LM1-700-M201
19	XS12035Z	2	M12 X 35 HEX HEAD SCREW 8.8	SAME
20	XW12SZ	2	M12 SPRING WASHER	SAME
21	XW12AZ	1	M12 FORM A WASHER	SAME
22	LM1-700-J205	1	JIC Hydrostatic Pump "T2" to Combo Filter Inlet Tee Branch	LM1-700-M205
23	XS10025Z	2	M10 X 25 HEX HEAD SCREW 8.8	SAME
24	XW10SZ	30	M10 SPRING WASHER	SAME
25	XW10AZ	30	M10 FORM A WASHER	SAME
26	YHA1.4-9.16JEA	1	9/16J-18 MF SWIVLE ELBOW	YHA8LMFE
27	LM1-700-J221	1	Block "CP" to Hydrostatic Pump	LM1-700-M221
28	YHA3.4-3.4J	2	3/4" BSP M W/ SEAL TO 3/4J-16 M	YHA1.4-8L
29	YHA1.4-9.16J	2	1/4" BSP M W/ INTEGRAL SEAL TO 9/16J-18 M	YHA1.4-8L
30	YHA9.16JMFE	2	9/16J-18 MF SWIVLE ELBOW	YHA8LMFE
31	YHA1.4BB	1	1/4" BSP BANJO BOLT	SAME
32	LM1-108-23	1	REVERSE PRESSURE SWITCH BANJO	SAME
33	YPUMP5	1	HYDROSTATIC TRANSMISSION PUMP	SAME
34	YSPRING23	2	COMPRESSION SPRING	SAME
35	YFILTER21	2	LAST CHANCE FILTER	SAME

Table 135: LM1-708-20 HYDROSTATIC TRANSMISSION PUMP DETAIL [ALL ENGINES] BOM

CHAPTER6.15: OIL COOLER (TIER 4 FINAL)

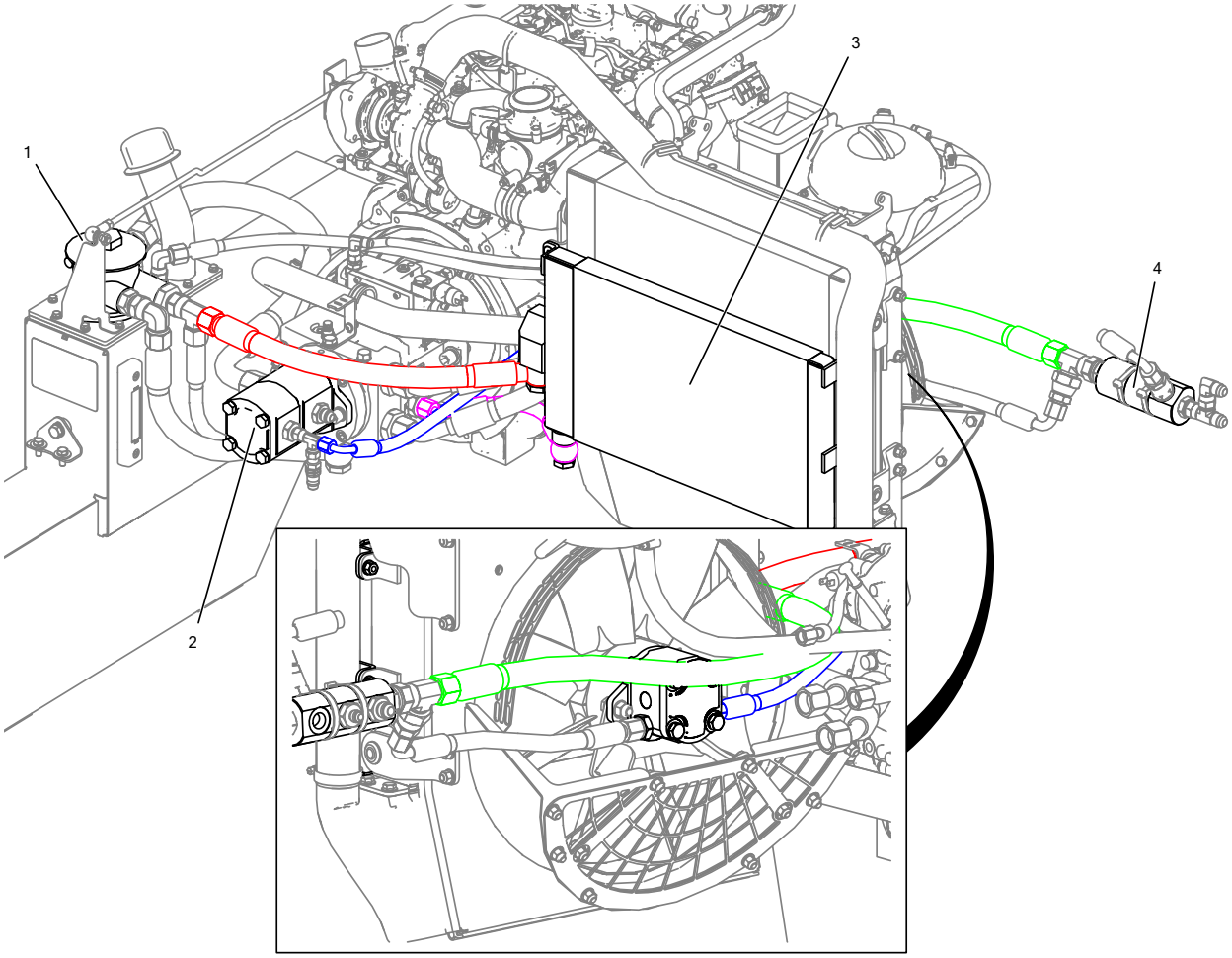


Figure 223: LM1-106-222 OIL COOLER

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YFILTER1	1	HYDRAULIC COMBINATION FILTER	
2	YPUMP19	1	14-6 CC/REV TANDEM PUMP	
3	LM1-617-21	1	HATZ T4F / STAGE 5 HYDRAULIC OIL COOLER	
4	LM1-720-20	1	6-PORT MANIFOLD PREPPED WITH FASTENERS	

Table 136: LM1-106-222 OIL COOLER BOM

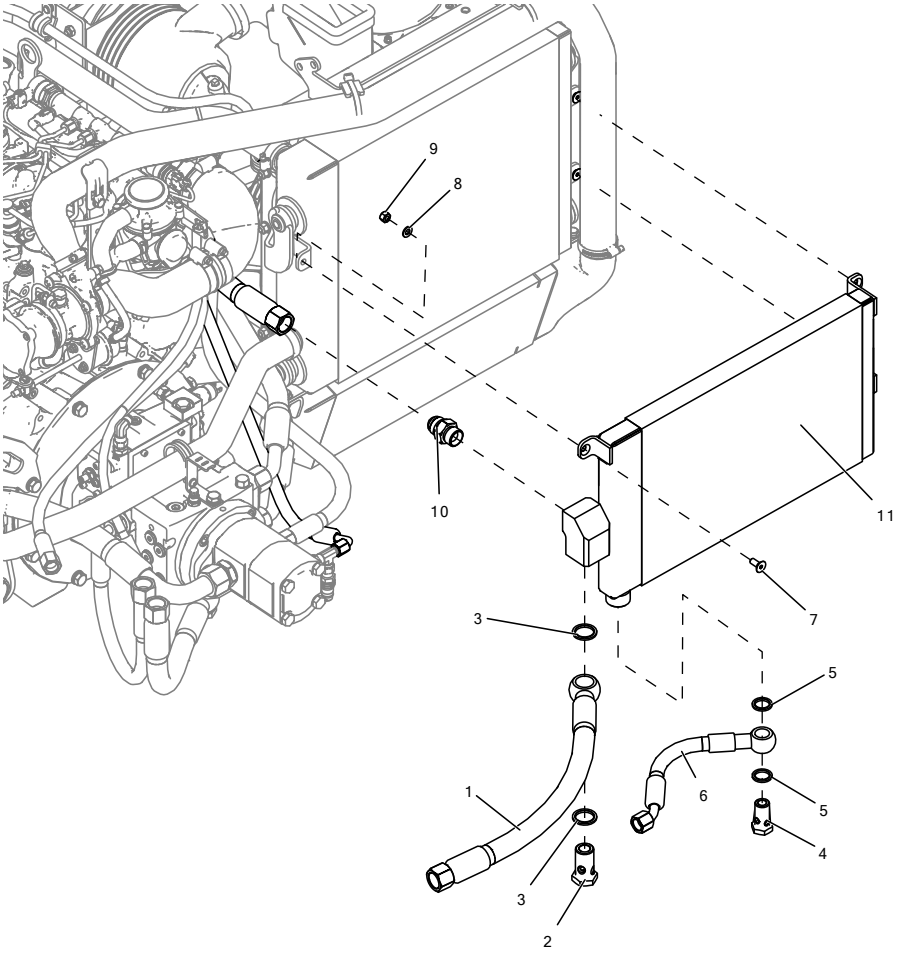


Figure 224: LM1-106-222 OIL COOLER DETAIL

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	LM1-700-J253	1	JIC Oil Cooler Mid Port to Combo Filter Inlet Tee	
2	YHA3.4BB	1	3/4" BSP BANJO BOLT	
3	YHS3/4D	2	3/4" BSP DOWTY WASHER	
4	YHA1.2BB	1	1/2" BSP BANJO BOLT	
5	YHS1/2D	2	½" BSP DOWTY WASHER	
6	LM1-700-J254	1	TRANSMISSION DRAIN TO OIL COOLER	
7	XCSK08020SKTZB	3	M8 X 20 CSUNK SCREW 8.8	
8	XW08AZ	3	M8 FORM A WASHER	
9	XN08Z	3	M8 HEX NUTSERT	
10	YHA3.4-1.1.16J	1	3/4" BSP M W/ SEAL TO 1 1/16J-10 M	
11	LM1-617-21	1	HATZ T4F / STAGE 5 HYDRAULIC OIL COOLER PREVIOUS GENERATION OIL COOLING LM1-617-00 HAS 2 BANJO CONNECTIONS - CHECK WITH DEALER	

Table 137: LM1-106-222 OIL COOLER DETAIL BOM

CHAPTER6.16: NON-OIL COOLING - OIL TANK TO 6 PORT RETURN MANIFOLD (STAGE 5)

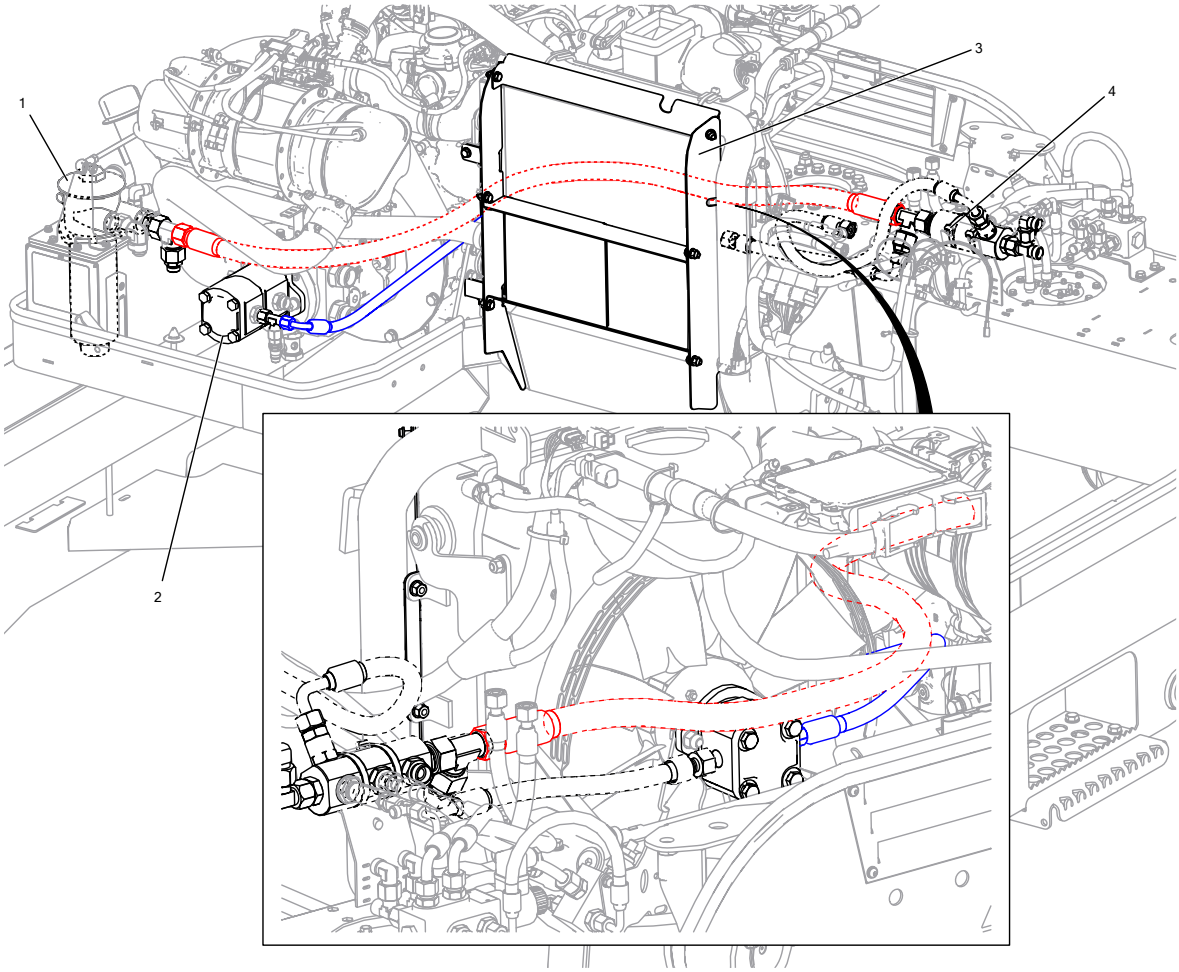


Figure 225: LM1-106-222 OIL TANK TO 6 PORT RETURN MANIFOLD STAGE 5

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YFILTER1	1	HYDRAULIC COMBINATION FILTER	
2	YPUMP19	1	14-6 CC/REV TANDEM PUMP	
3	LM1-106-210	1	NON-OIL COOLER RAD BAFFLES	
4	LM1-720-20	1	6-PORT MANIFOLD PREPPED WITH FASTENERS	

Table 138: LM1-106-222 OIL TANK TO 6 PORT RETURN MANIFOLD STAGE 5 – BOM

CHAPTER6.17: HEATER BLOCK OPTION [ALL ENGINES / TERRITORIES]

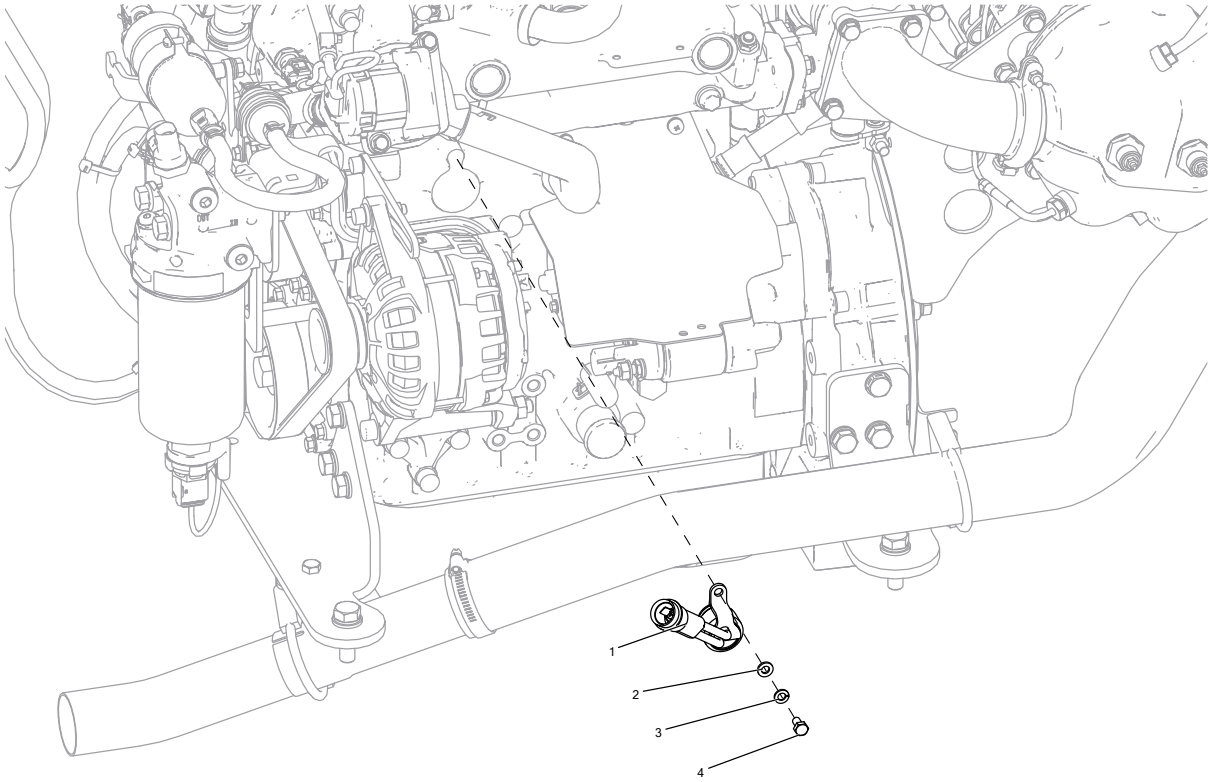


Figure 226: YBLOCKHEAT3 - HEATER BLOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YBLOCKHEAT3	1	HATZ BLOCK HEATER & 115V CABLE SET	
2	XW06AZ	1	M6 FORM A WASHER ZINC PLATED	
3	XW06SZ	1	M6 SPRING WASHER	
4	XS06016Z	1	M6 X 16 HEX HEAD SCREW 8.8	

Table 139: YBLOCKHEAT3 - HEATER BLOCK - BOM

CHAPTER7: TRANSPORT CHAINS

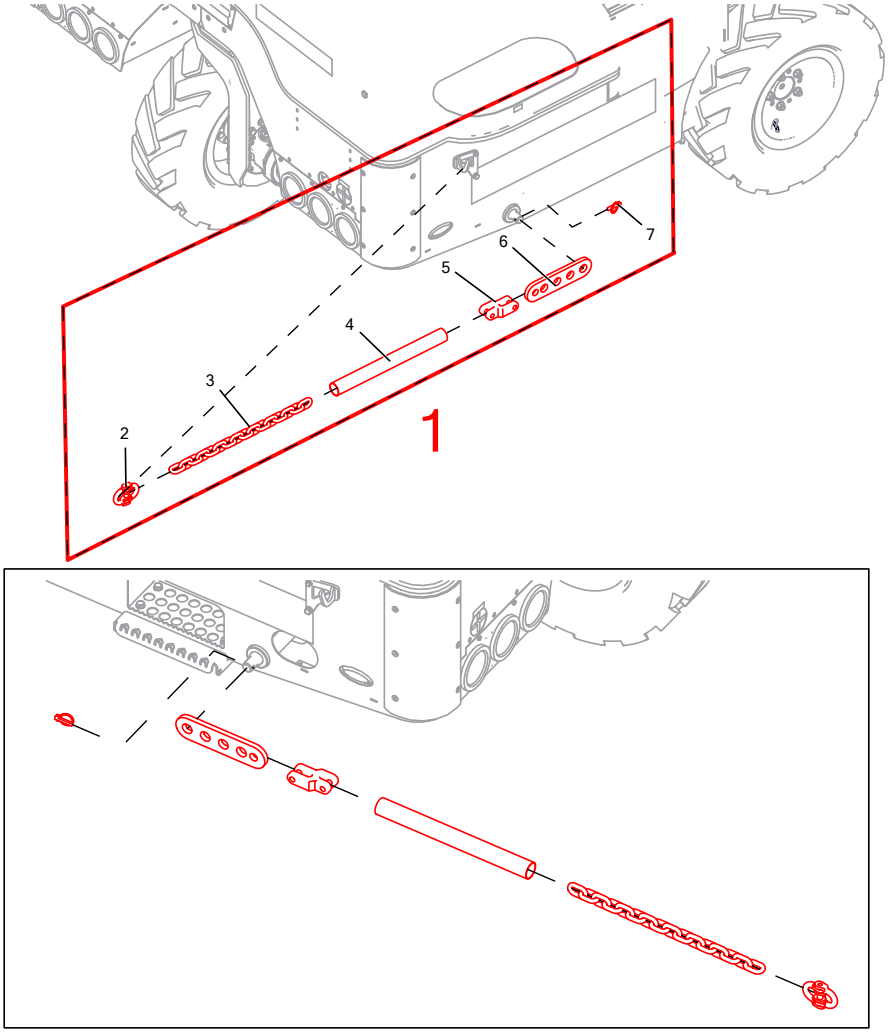


Figure 227: YLOADCHAINKIT1

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YLOADCHAINKIT1	2	COMPLETE KIT (INCLUDES ITEMS 2-7, 1 EACH)	
2	YLOADLINK1	2	TRANSPORT CHAIN "G" SHACKLE	
3	YLOADCHAIN2	2	TRANSPORT CHAIN 16 LINKS	
4	YLOADSLEEVE1	2	TRANSPORT CHAIN SLEEVE	
5	YLOADLINK2	2	TRANSPORT CHAIN H LINK	
6	LMK-CAL-001	2	ADJUSTABLE CHAIN PLATE	
7	YLPIN1	2	LYNCH PIN	

Figure 228: YLOADCHAINKIT1 - BOM

CHAPTER8: HARD RIDE [MOUNTING] OPTION

SPECIFICALLY FOR VEHICLES USING HARD RIDE / SLIDING BOX MOUNTING ONTO HOST VEHICLE

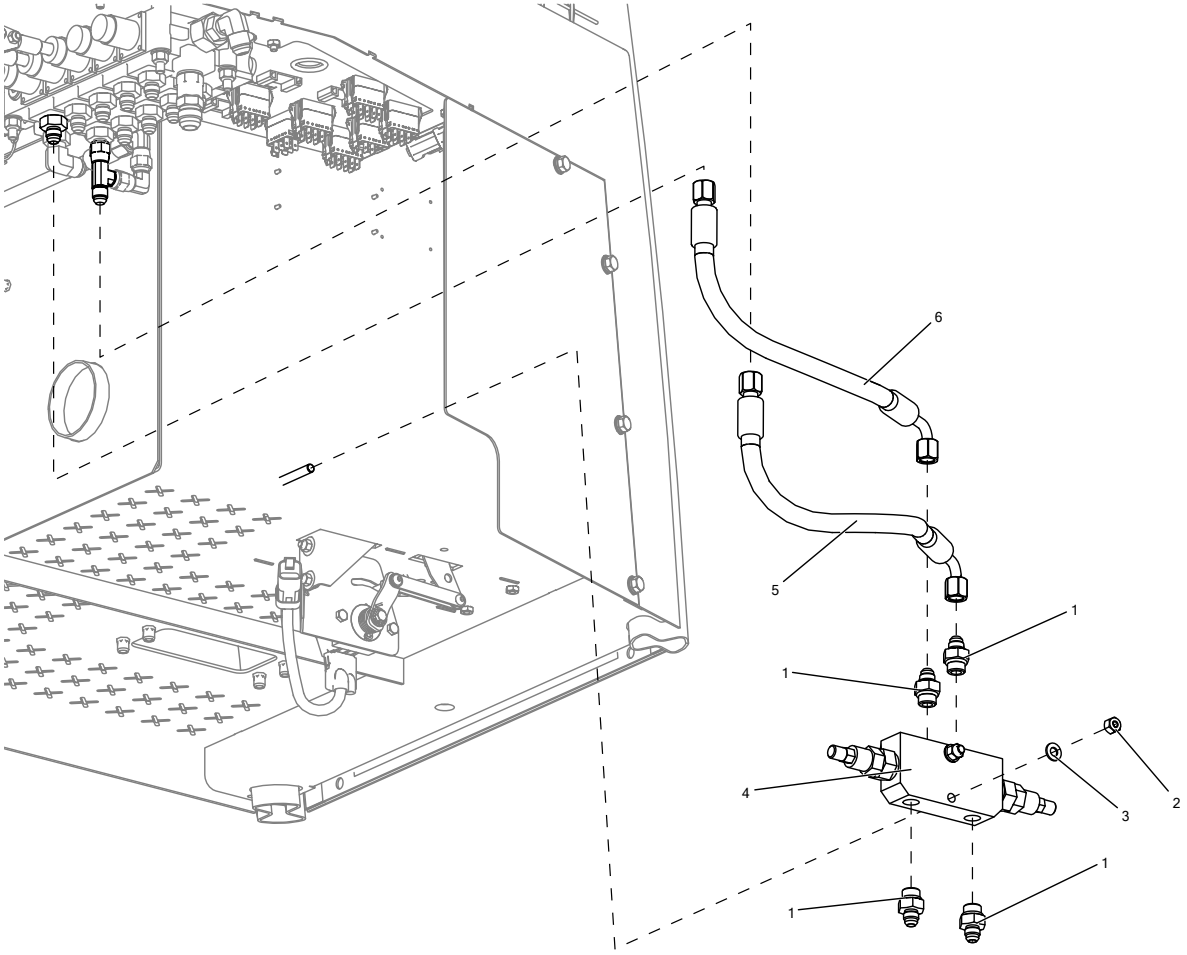


Figure 229: LM1-714-20 HARD RIDE SETUP

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	YHA3.8-9.16J	4	3/8" BSP M W/ SEAL TO 9/16J-18 M	
2	XN08N	2	M8 NYLOC NUT	
3	XW08AZ	4	M8 FORM A WASHER	
4	YVALVE21	1	DOUBLE COUNTERBALANCE VALVE	
5	LM1-700-J331	1	LEVER BANK POSITION 1 FRONT TO OC VALVE (V2)	
6	LM1-700-J330	1	LEVER BANK POSITION 1 FRONT TO OC VALVE (V1)	

Table 140: LM1-714-20 HARD RIDE SETUP - BOM

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