

Loader Manual

Name	Model
L102	RK37
L110	RK55

Mark	Date.	Specification

※ Bolt, Nut tightening torque

Please adhere to standard down figure when is tightening nut and bolts.

Configur ation item	Hexagon head bolt, Nut tightening torque (kgf-cm)			
NO	Bolts, Nuts size	9T	7T	4T
1	M5	-	60~70	30~40
2	M6	-	100~130	60~80
3	M8	-	250~350	130~180
4	M10	-	550~700	200~300
5	M12	1,150~1,280	900~1,100	500~600
6	M14	1,840~2,040	1,300~1,500	700~800
7	M16	2,840~3,160	1,600~1,800	1,000~1,200
8	M18	3,930~4,360	2,000~2,400	1,200~1,400
9	M20	5,550~6,170	2,400~2,600	1,500~2,600

2)Hydraulic fitting screwing torque

: 1/4" : 250 kgf-cm, 3/8" : 500 kgf-cm, 1/2" : 600 kgf-cm

3rd Function KIT

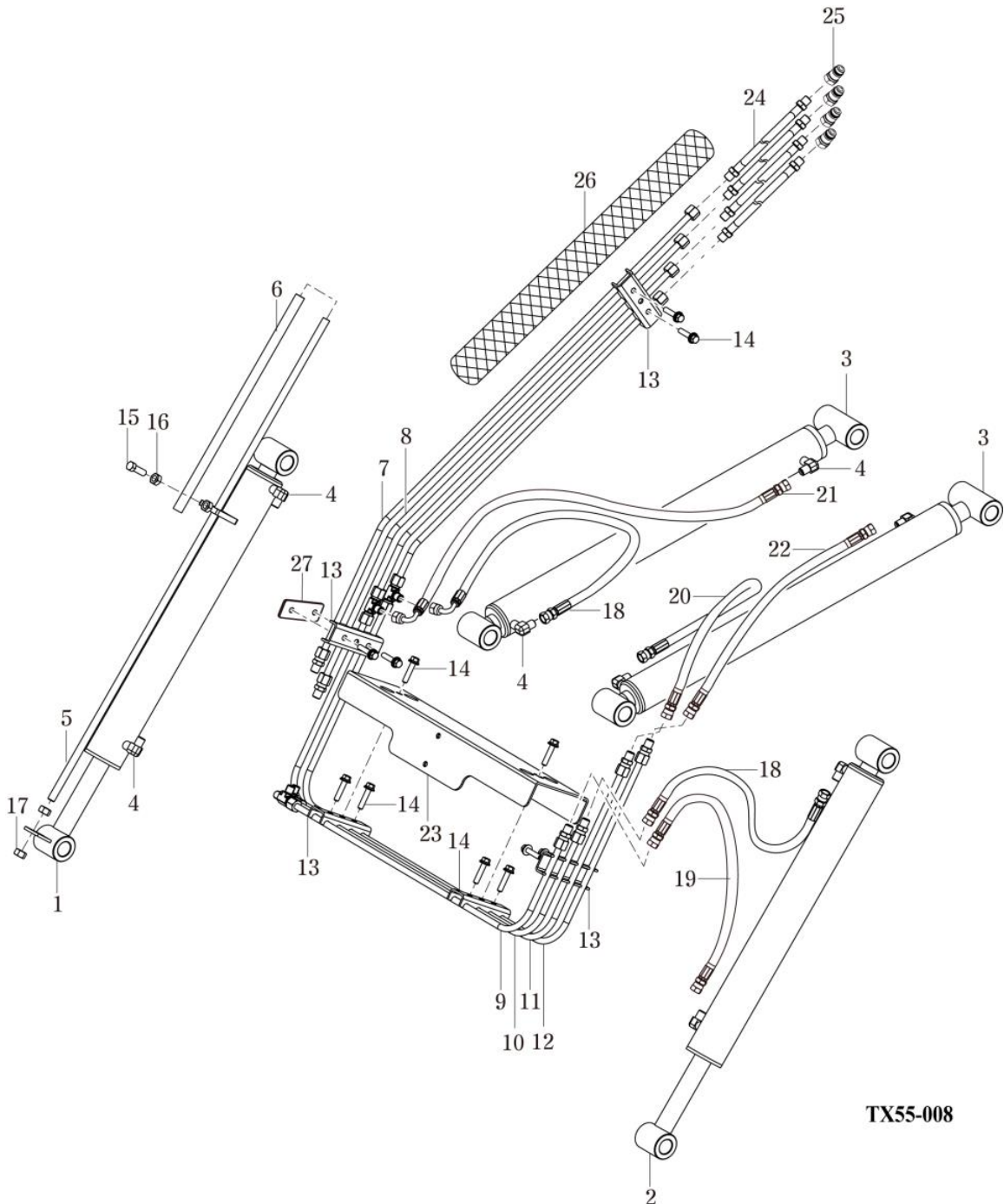
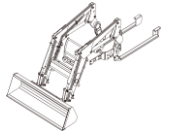
INSTALLATION

L102
L110

HYDRAULIC PIPING ASSEMBLY

Year / Month

2017 / 10



TX55-008

3rd Function KIT

INSTALLATION

[illegible]

3rd Function KIT

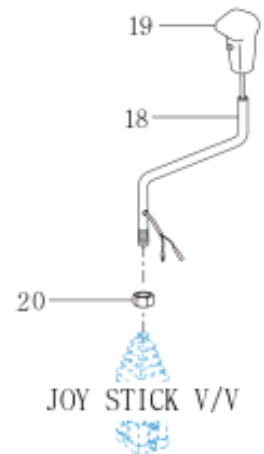
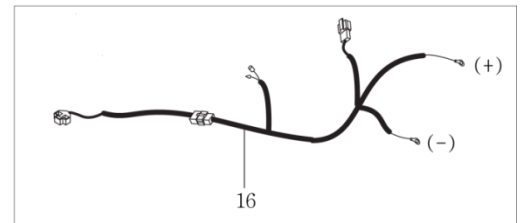
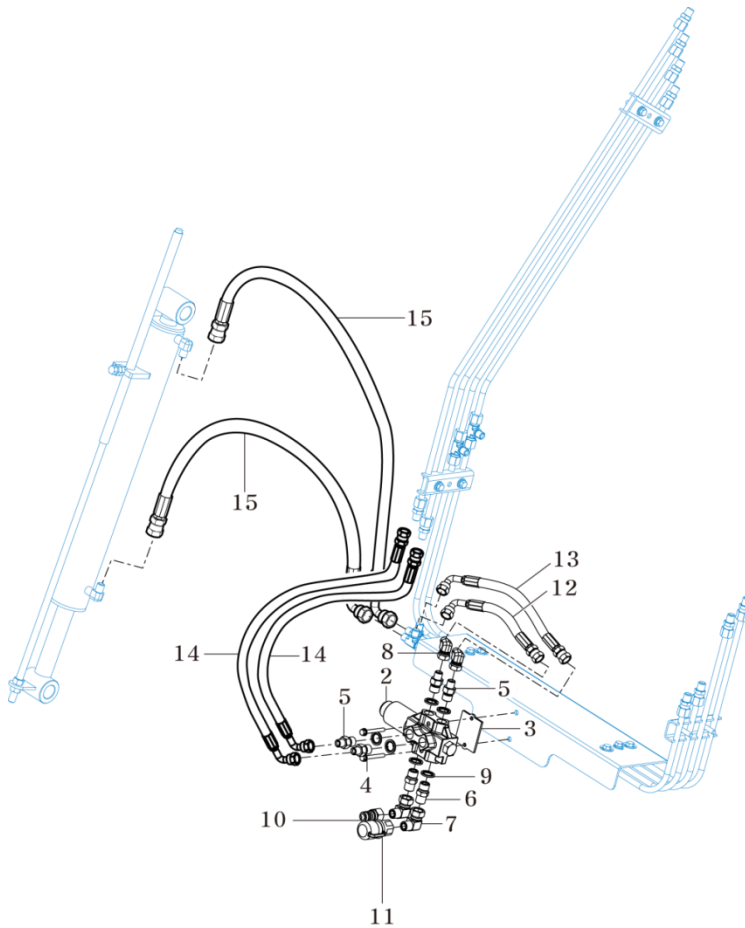
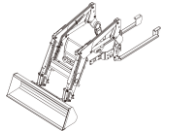
INSTALLATION

L102
L110

3rd FUNCTION KIT

Year / Month

2017 / 10



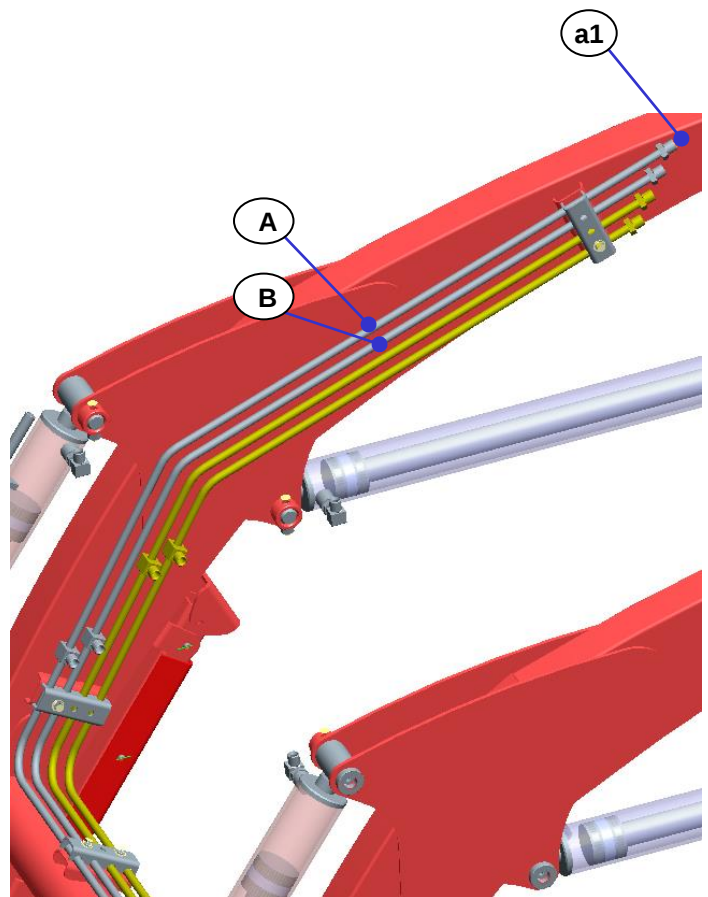
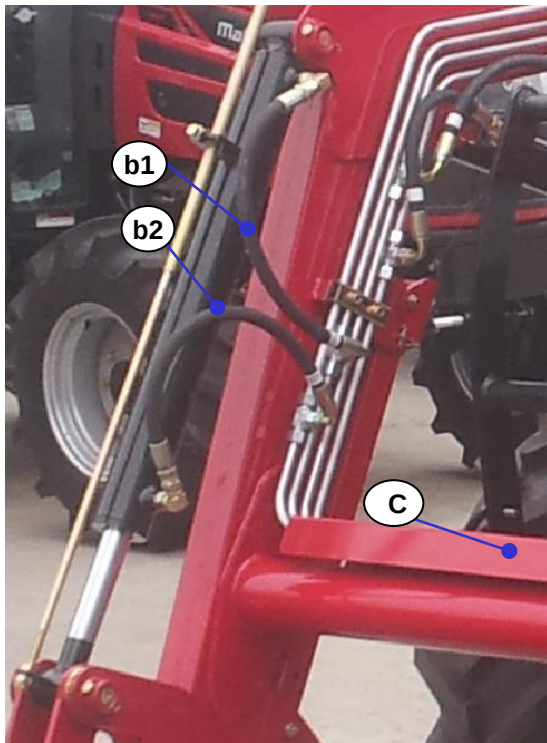
3rd Function KIT

INSTALLATION

L102 L110		3RD FUNCTION HYDRAULIC SUB			P1		Year/Month	
							2017/10	
KEY NO.		PART NO.	DESCRIPSTION	SPEC.	QTY.		EFFECTIVE DATE	REMARKS
					L102	L110		
009	001A	85416000000	3rd Function KIT		1			
009	001B	86016000000	3rd Function KIT			1		
009	002	12A270026	DIVERTER VALVE		1	1		
009	003	86703009130	PLATE , VALVE		1	1		
009	004	V2183606050	BOLT , HEX	M6X50	2	2		
009	005	84603004150	UNION , PF3/8	PF3/8	4	4		
009	006	88303005010	UNION , PF3/8-PF1/2	PF3/8-PF1/2	2	2		
009	007	85403005010	ELBOW, PF1/2-PT1/2	PF1/2-PT1/2	2	2		
009	008	87503005030	ELBOW, PF3/8	PF3/8	2	2		
009	009	85903005050	SEAL , BONDED		6	6		
009	010	V7740010801	NIPPLE		1	1		
009	011	16995152360	COUPLER		1	1		
009	012	86003004010	HOSE ASSY , 390 90° HYD	PF3/8	1	1		
009	013	86003004020	HOSE ASSY , 450 90° HYD	PF3/8	1	1		
009	014	86403000371	HOSE ASSY , 670 90° HYD	PF3/8	2	2		
009	015	88503004010	HOSE ASSY , 550 90° HYD	PF3/8	2	2		
009	016	84603009060	HARNESS ASSY		1	1		
009	017	13424020060	CABLE TIE		4	4		
009	018	15157103900	LEVER COMP , JOYSTICK		1	1		
009	019	4IMP500707	GRIP , JOYSTICK		1	1		
009	020	V3302600140	NUT , HEX	M14	1	1		* Not Service

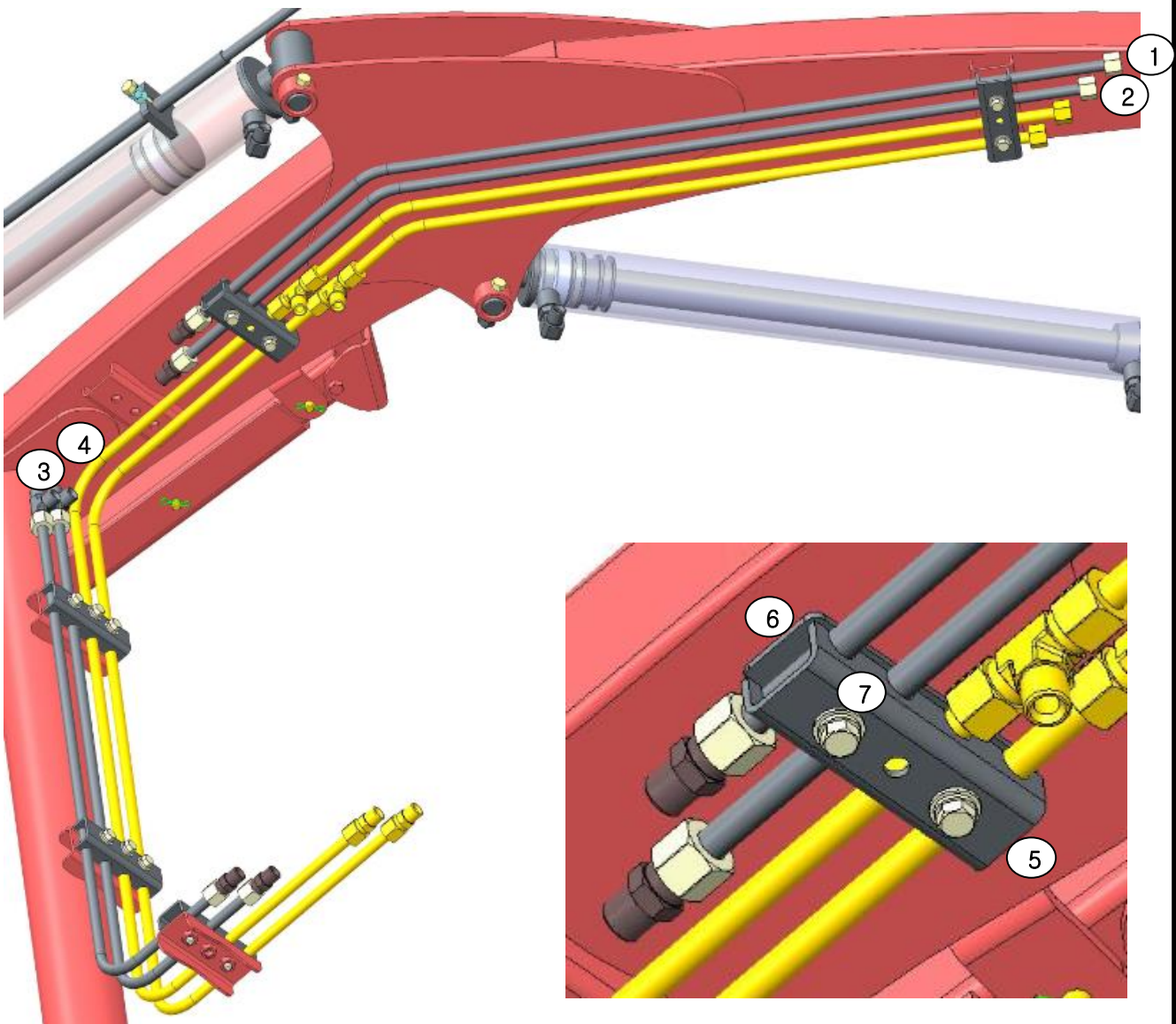
1. Disassembly of pipe and Hydraulic Hose

- A : PIPE ASSY ROLLBACK
- B : PIPE ASSY DUMP
- a1 : Hydraulic Hose sub (Reassemble after disassembly)
L102 : 1500 mm , L110 : 1800 mm
- b1 & b2 : Hydraulic Hose
- C : Cover Pipe

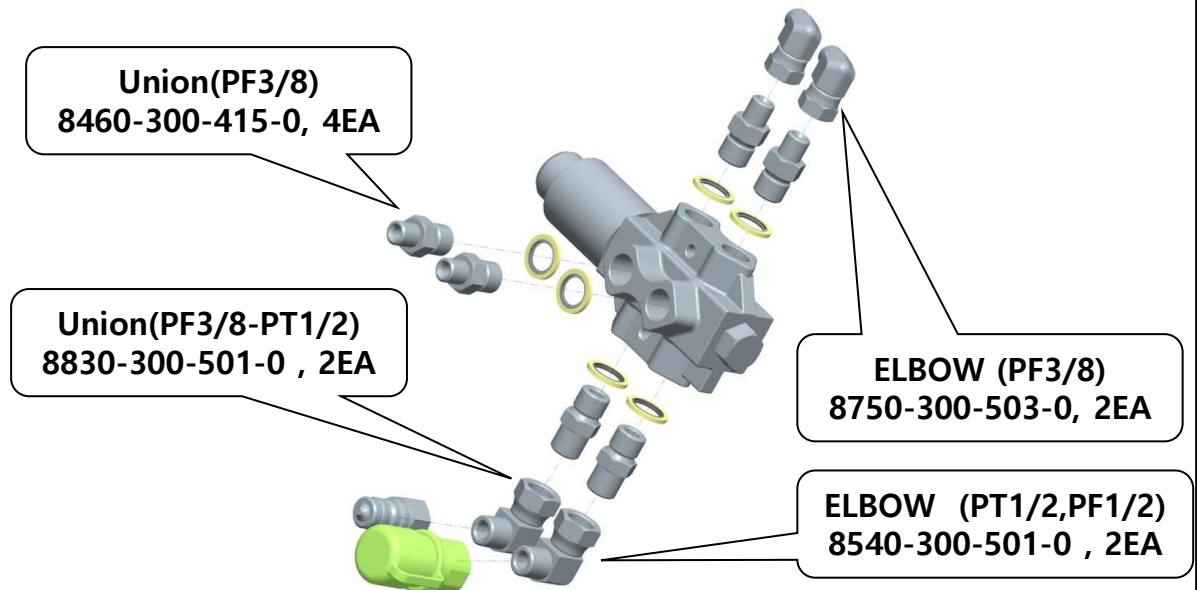


2. Assembly of 3rd Function Pipe

- 1) : PIPE ASSY , A UPPER (No. 7A, 7B)
- 2) : PIPE ASSY , B UPPER (No. 8A, 8B)
- 3) : PIPE ASSY , A LOWER (No. 9)
- 4) : PIPE ASSY , B LOWER (No. 10)
- 5) : BRACKET B (No. 13)
- 6) : PLATE COMP , PIPE (No. 27)
- 7) : BOLT M8 X 40L (2EA) (No. 14)

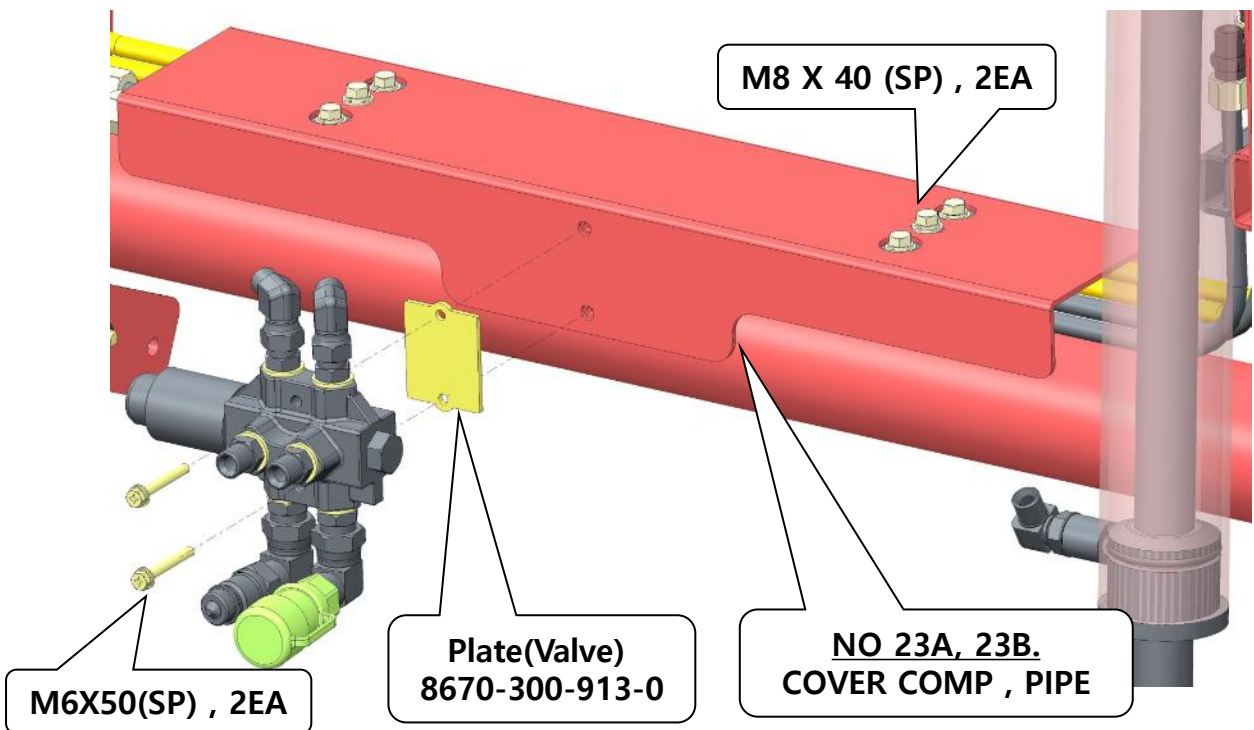


3. Assembly of Diverter valve sub

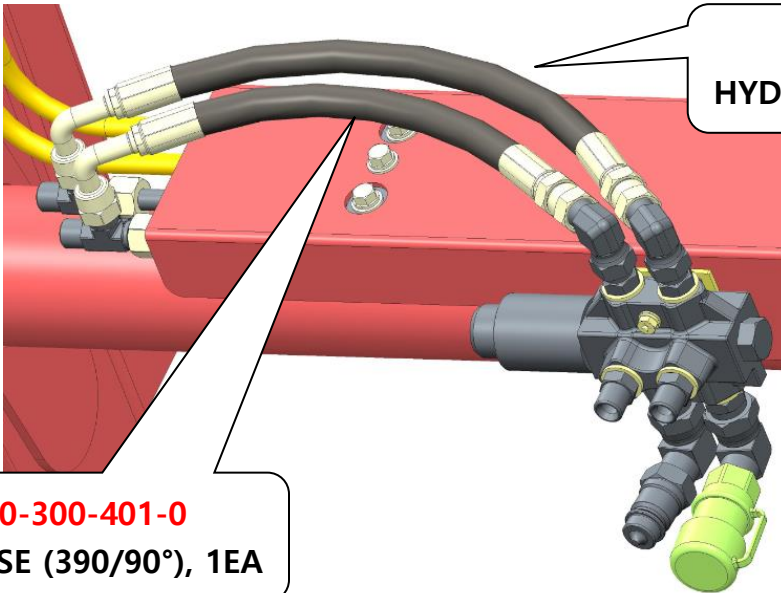


※ Assembly Bonded Seal (No 9. 590-300-505-0) before assembly Union.

4. Assembly of Diverter valve sub

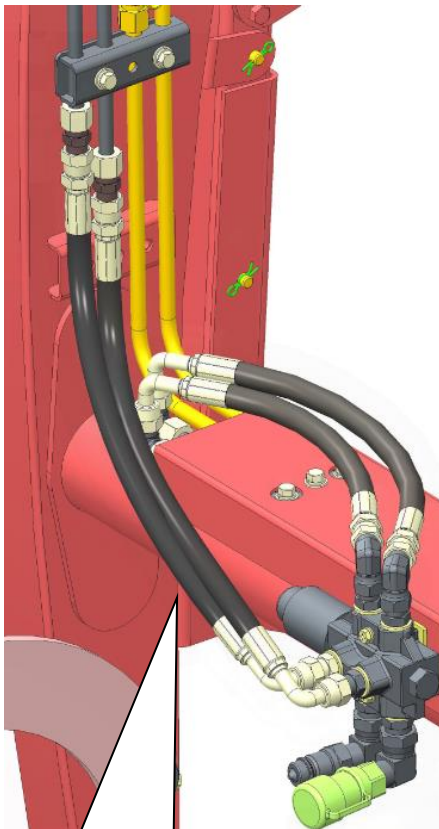


5. Assembly of 3rd Function Hydraulic Hoes

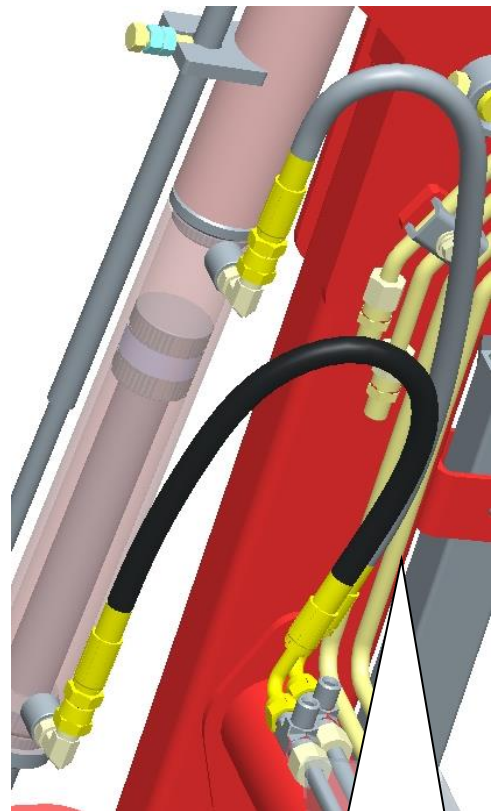


8600-300-402-0
HYD HOSE (450/90°), 1EA

8600-300-401-0
HYD HOSE (390/90°), 1EA



8640-300-037-1
HYD HOSE (670/90°), 2EA



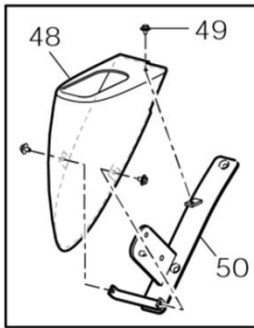
8850-300-401-0
HYD HOSE (550/90°), 2EA

3rd Function KIT

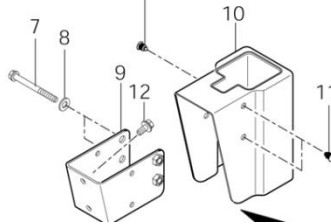
INSTALLATION

5. Assembly of 3rd Function Lever

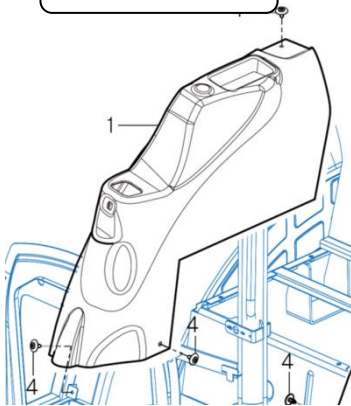
RK37 H/S



RK55

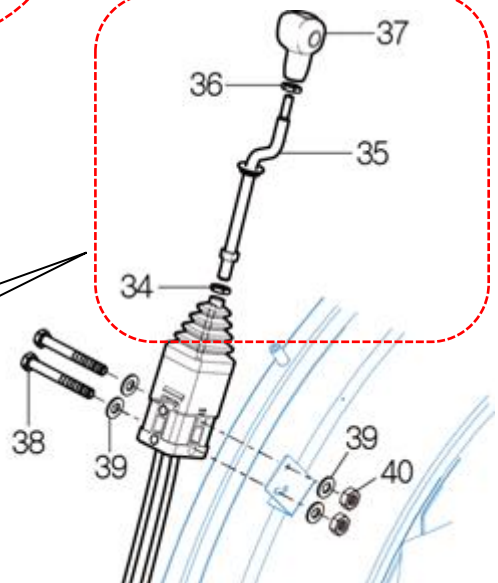


RK37 HC/SC



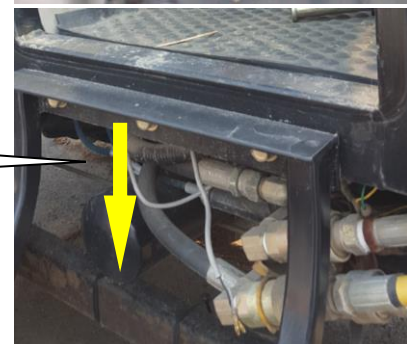
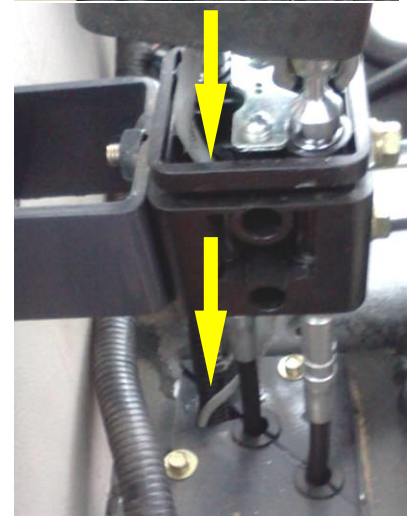
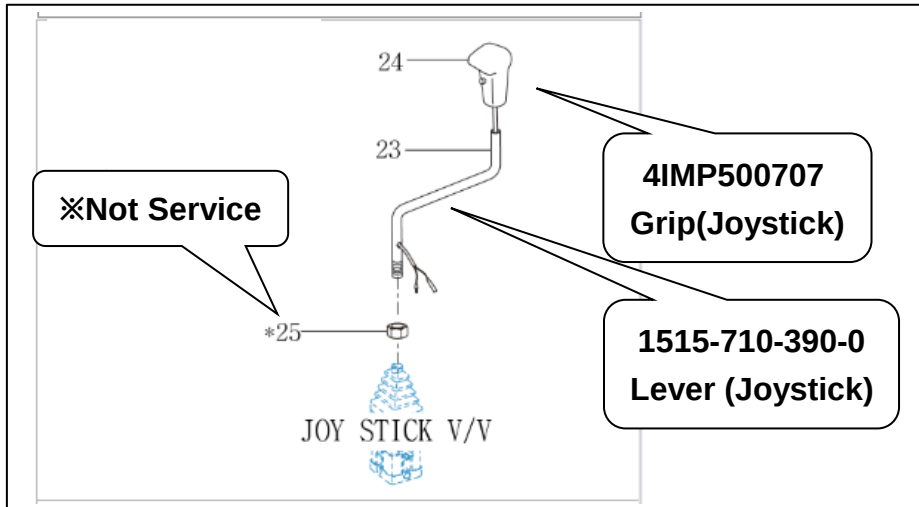
**Disassemble Cover(Joystick)
(Reassemble after disassembly)**

**Disassemble M14 Nut
and Remove Joystick Lever**



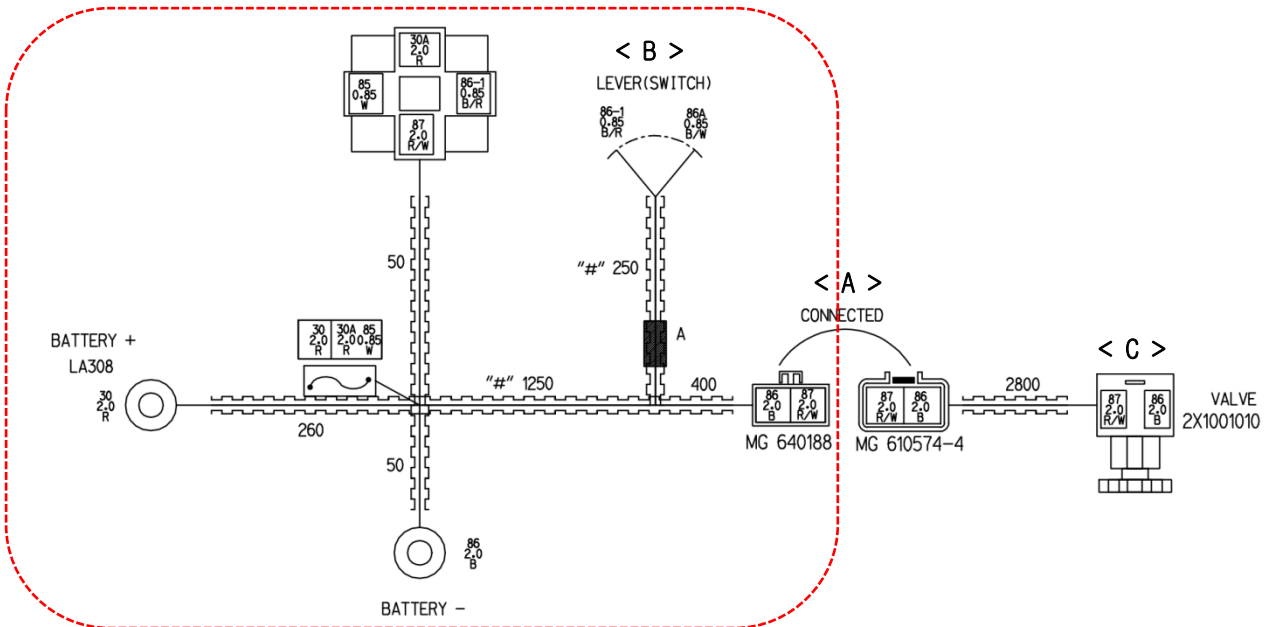
5. Assembly of 3rd Function Lever

Lever (Joystick)SUB



Harness route

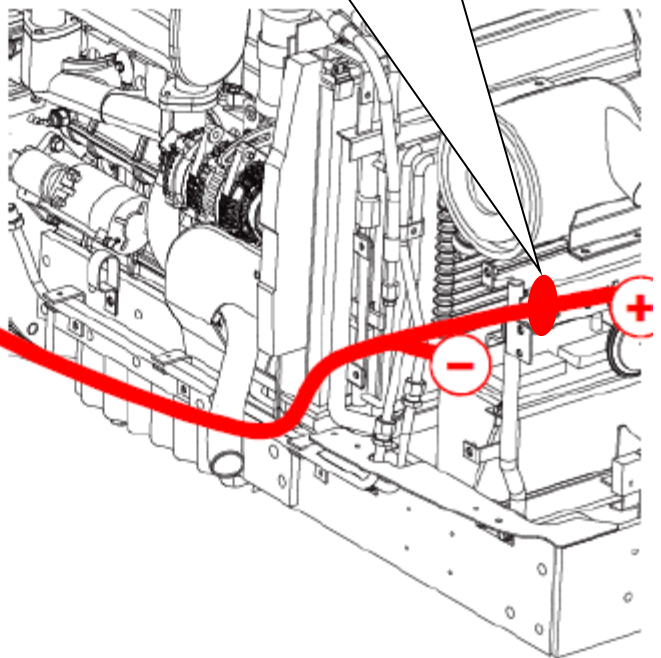
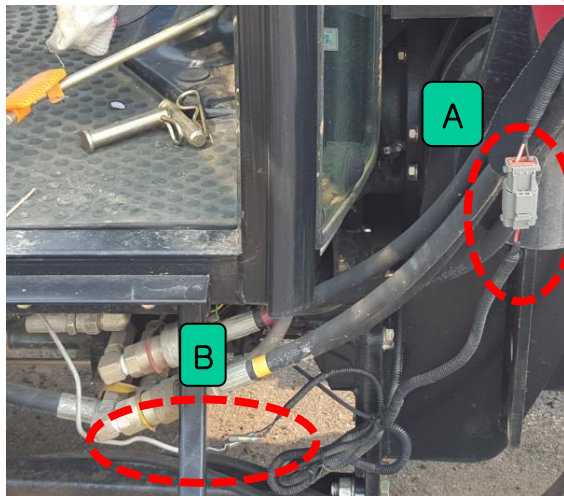
6. Assembly of 3rd Function Harness



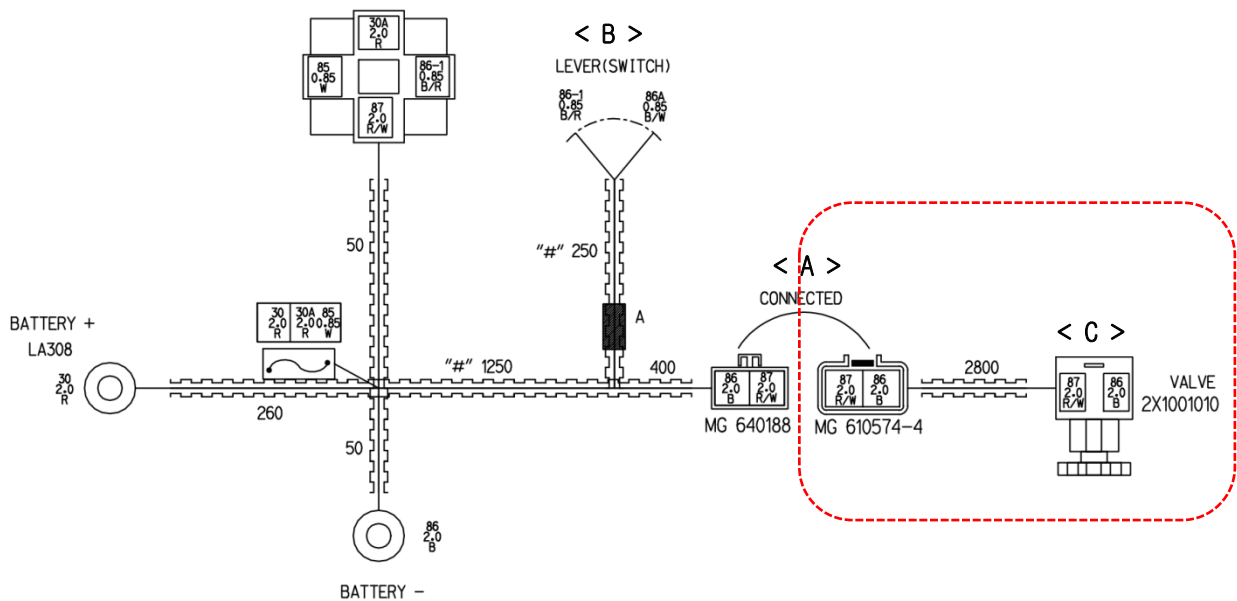
Connect with Harness of Joystick Lever

Link up with harness which has connected Loader Boom Assy

Should be 40A relay clasp



6. Assembly of 3rd Function Harness



Should be clasp

Remove Cap of Valve



Link up with harness which has connected battery

Tighten the screws after connecting the harness terminal "C"

Connect with Diverter Valve

