

Loader Manual

Name		Model
T474, T574		TX47, TX57

Mark	Date.	Specification

※ Bolt, Nut tightening torque

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

Configuration 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

※ PARTS LIST

The 3rd function valve is divided into two main kits.

One is the Valve Kit and the other is the Pipe Kit.

Valve kit and Pipe kit will be sent when ordering with **3rd Function Kit**.

T474 ST/SH (CABIN)				T474 NC/NH (ROPS)		
	Part Number	Parts Name	Q'ty	Part Number	Parts Name	Q'ty
*	13815800000	3rd FUNCTION KIT	1	13835800000	3rd FUNCTION KIT	1
1	13815810000	VALVE KIT , LOADER 6PORT NON C	1	←		
1-1	13877754000	VALVE ASSY , 6PORT	1	←		
1-2	13876683300	HARNESS , 3rd Fn	1	←		
1-3	13835413200GB	PIPE COMP , LOADER 3rd	2	←		
1-4	13815413300GB	BRACKET COMP , PROTECT	1	13815413300GB	BRACKET COMP , PROTECT	1
1-5	V2173610035	BOLT , HEX/S	2	←		
1-6	13835404700	CLIP	1	←		
1-7	V2183606020	BOLT , HEX/SP	1	←		
1-8	19405160050	BONDED SEAL , PF3/8	4	←		
1-9	87503006030	CONNECTOR , UNION	2	←		
1-10	16495301000	COUPLING	2	←		
2	85236000000	3rd FUNCTION PIPE KIT	1	←		

T574 CABIN/ROPS			
	Part Number	Parts Name	Q'ty
*	13875800000	3rd FUNCTION KIT	1
1	13875810000	VALVE KIT , LOADER 6PORT	1
1-1	13877754000	VALVE ASSY , 6PORT	1
1-2	13876683300	HARNESS , 3rd Fn	1
	-		
	-		
	-		
	-		
	84603004150	UNION , PF3/8	2
1-8	19405160050	BONDED SEAL , PF3/8	4
1-9	87503005040	ELBOW , PF3/8 - PT3/8	2
1-10	16495301000	COUPLING	2
2	85256000000	3rd FUNCTION PIPE KIT	1

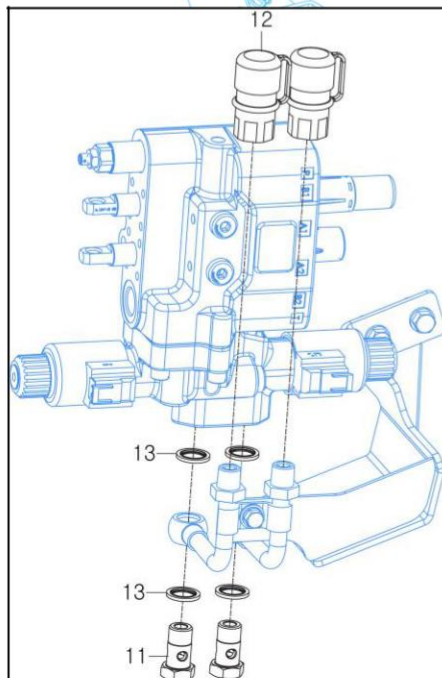
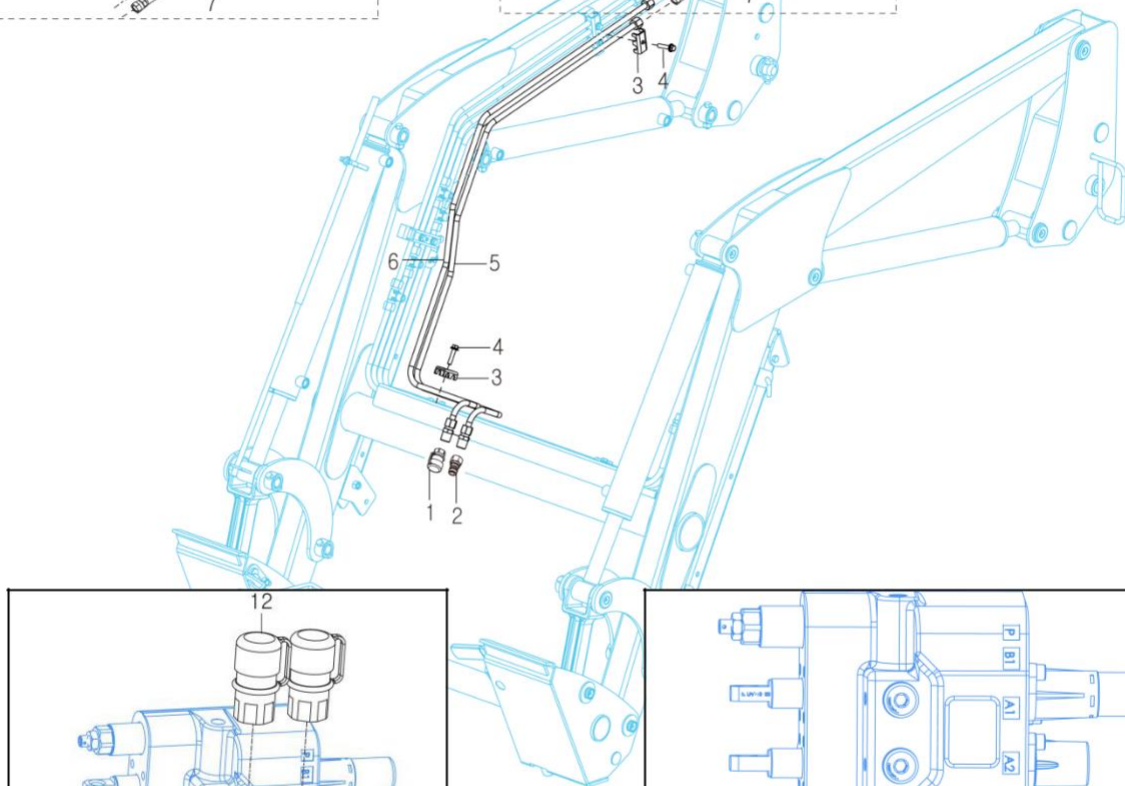
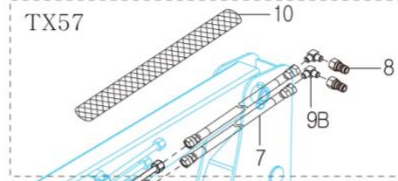
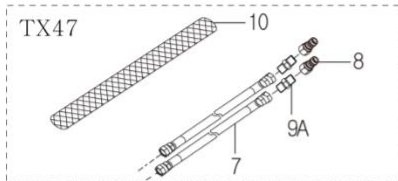
3rd Function KIT

INSTALLATION

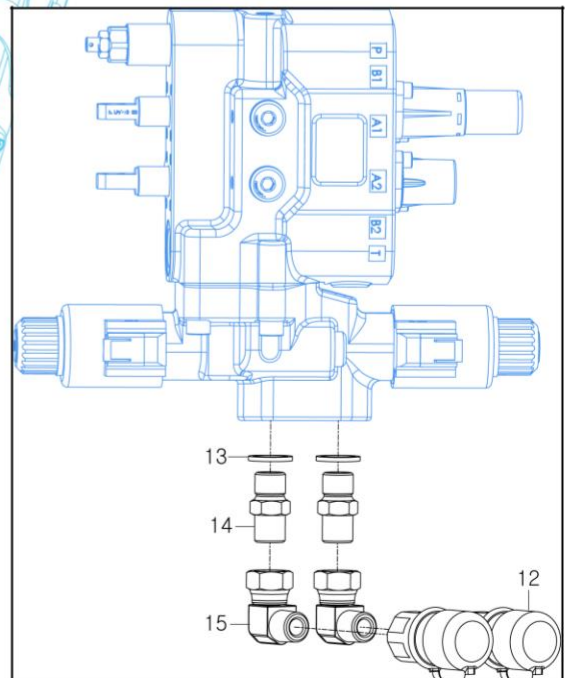
3rd FUNCTION KIT

Year / Month

2019 / 01



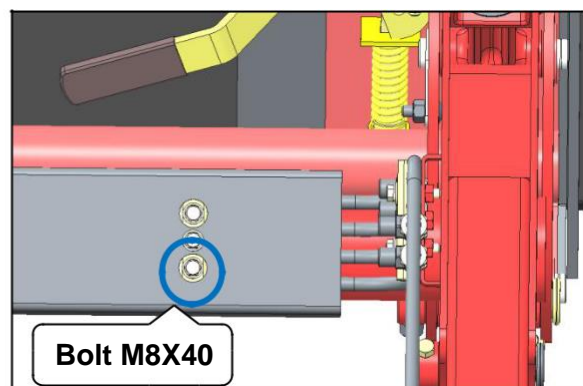
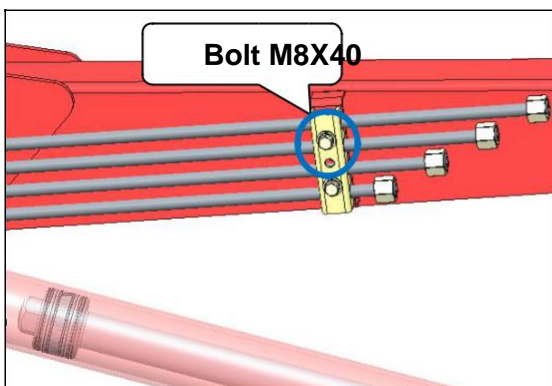
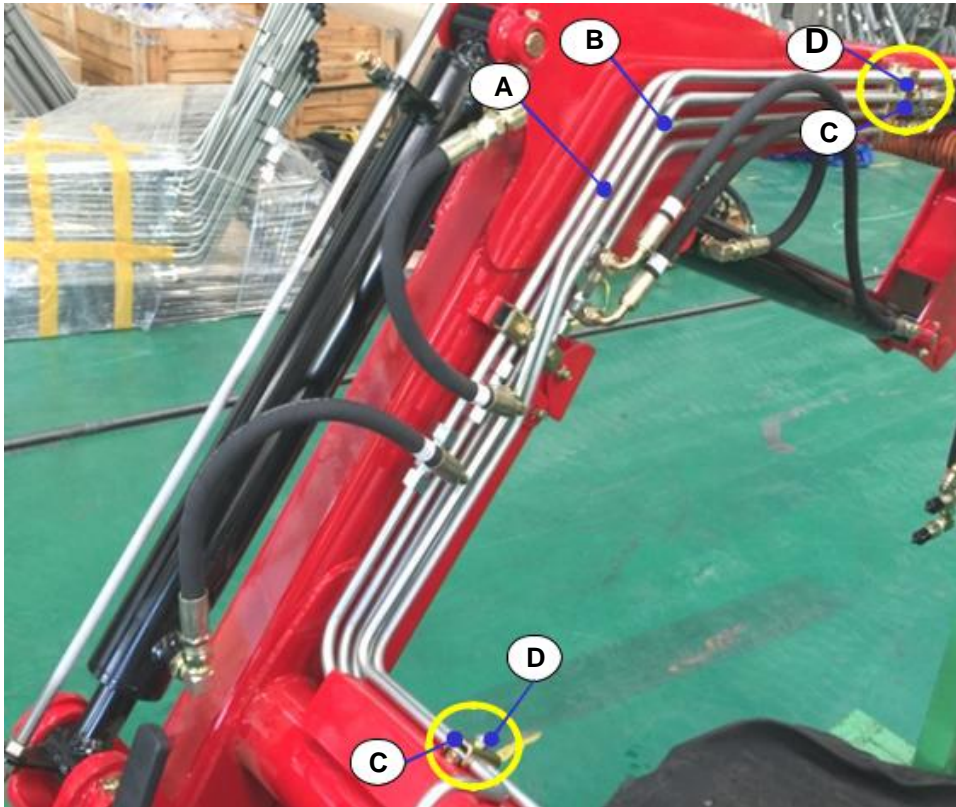
T474 LOADER V/V 6-PORT ASSY



T574 LOADER V/V 6-PORT AS

1.Assembly of 3rd Function Pipe Kit

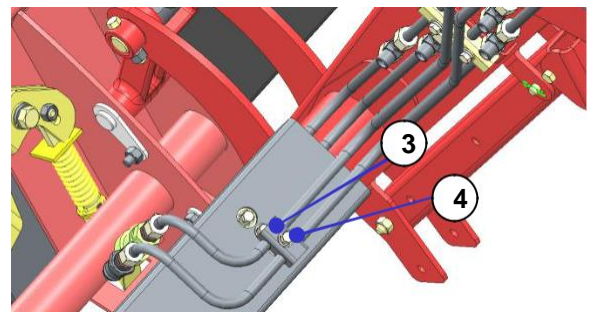
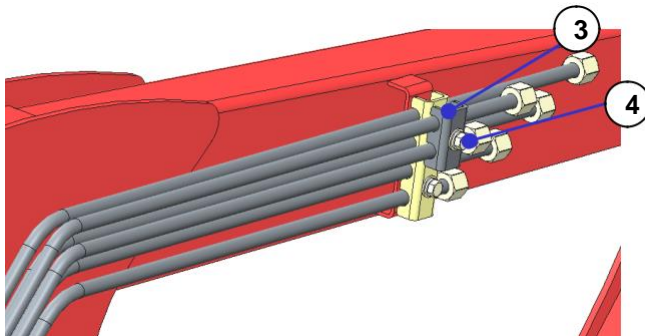
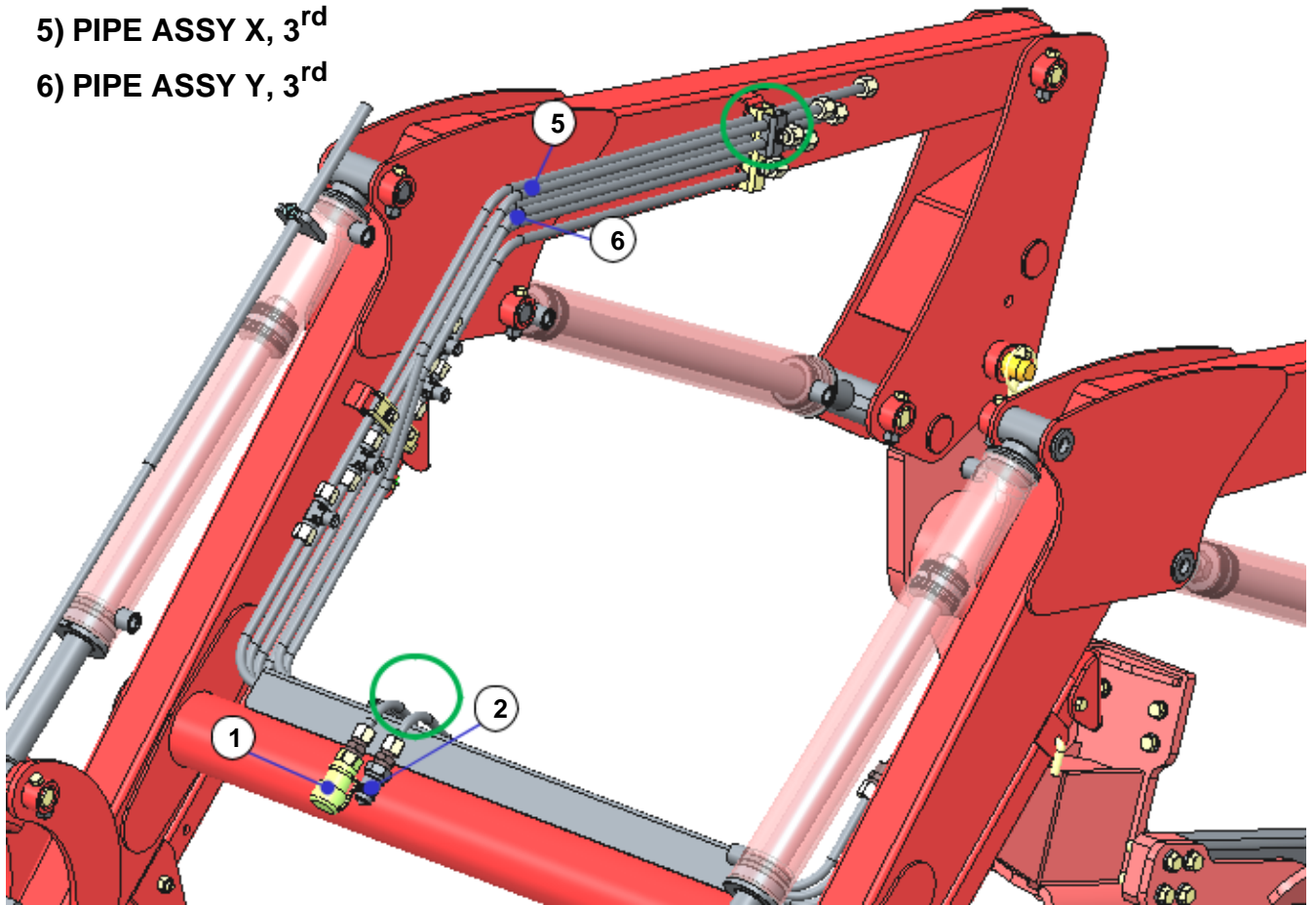
- A : PIPE ASSY X, 3rd (No.5)
- B : PIPE ASSY Y, 3rd (No.6)
- C : Bracket C (No.3)
- D : BOLT M8X60 (No.4)



※ Assemble Bolt M8X60 (No.4) and Bracket C (No.3) after Disassemble existing Bolt M8X40

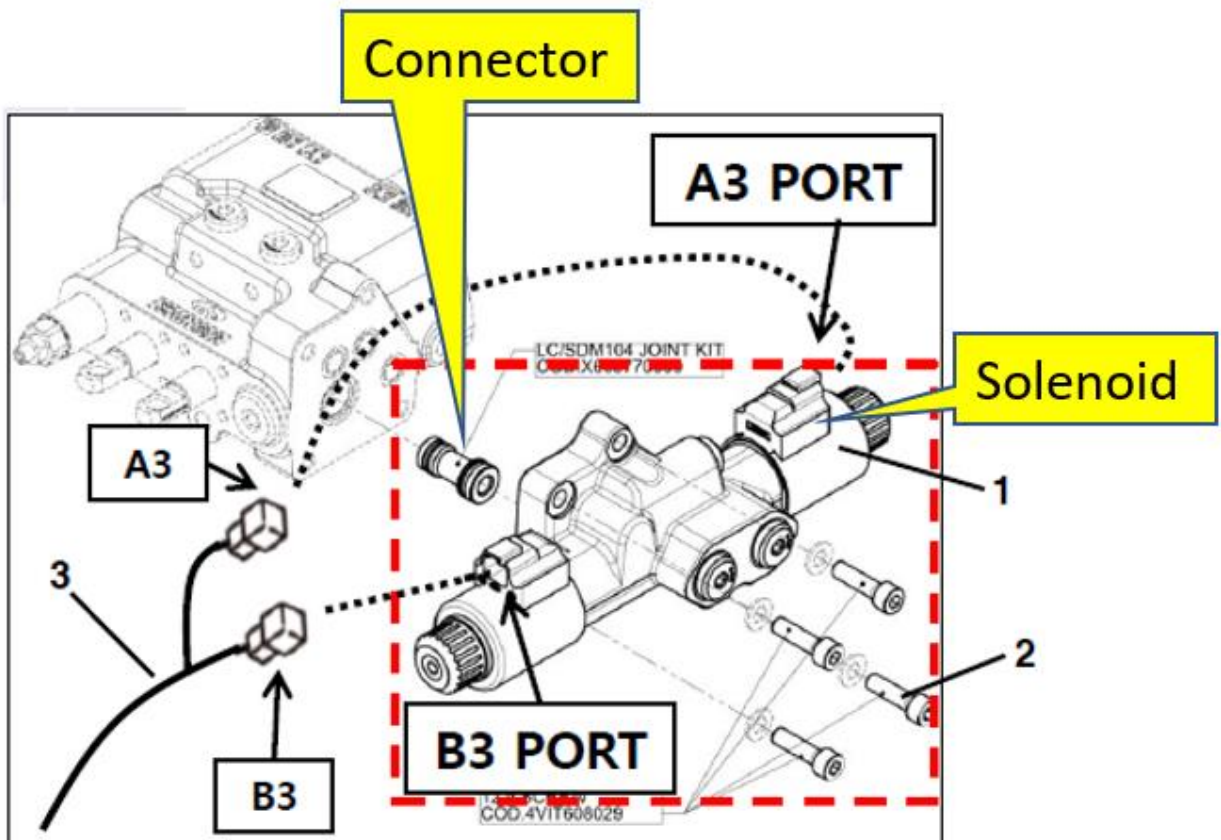
Assembly of 3rd Function Pipe Kit

- 1) COUPLER , PT1/2
- 2) NIPPLE , PT1/2
- 3) Bracket C
- 4) BOLT M8X60
- 5) PIPE ASSY X, 3rd
- 6) PIPE ASSY Y, 3rd



2. Assembly of 3rd Function Valve Kit

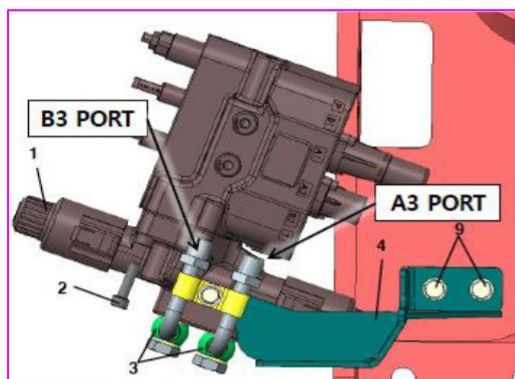
- 1) Assemble the 3rd valve to loader valve
- 2) Connectors must be assembled between the valves
(Push in with your hand after put oil to o-ring, paying attention to the direction)



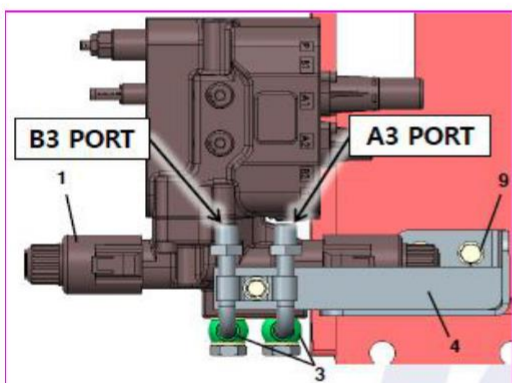
* The solenoid (1) rotates, so if it interferes with the assembly of the bracket, turn the solenoid.

3. Assembly of Bracket and Pipe

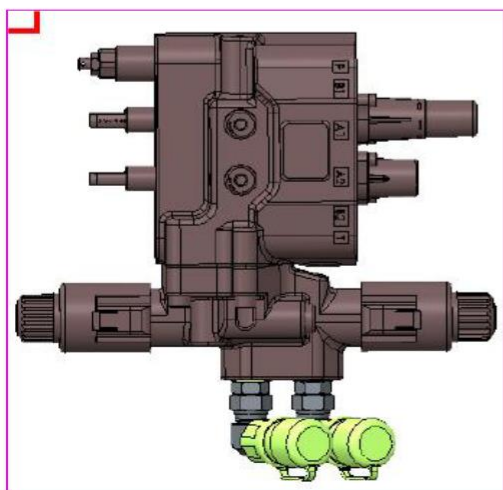
- 1) CONNECTOR UNION , PF3/8 , TX47(2EA)
- 2) COUPLER , PT3/8 , 2EA
- 3) SEAL , BONDED , TX47(4EA) / TX57(2EA)
- 4) UNION , PF3/8 , TX57(2EA)
- 5) ELBOW , PT3/8 – PF3/8 , TX57(2EA)



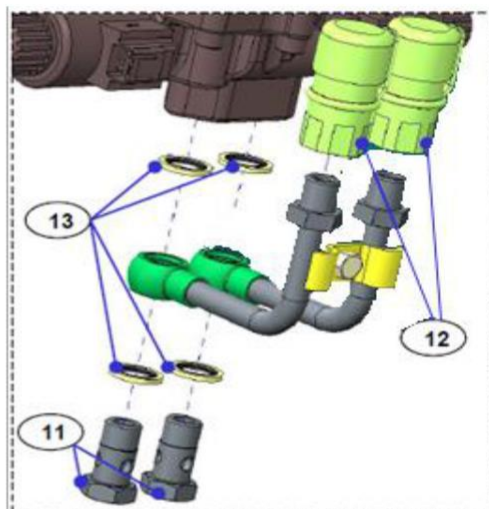
< For cab -T474SH, T474ST>



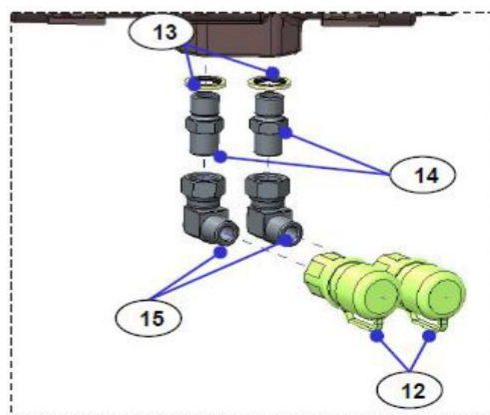
< For Non cab -T474NH, T474NC>



< For T494,T574 all>



< For T474 >

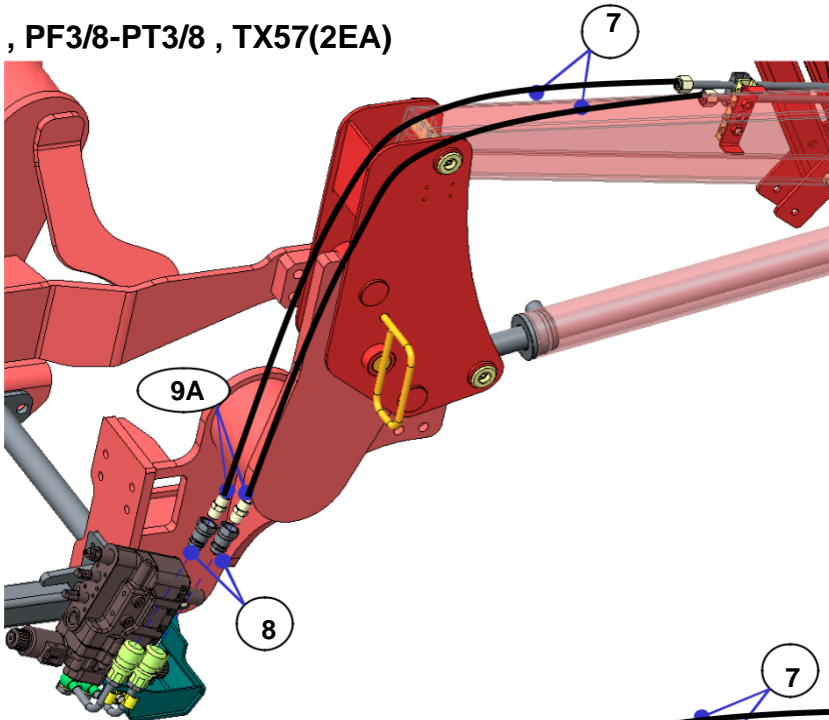


< For T494 / T574 >

4. Assembly of 3rd Hose

- 1) HYD HOSE 1600 , 2EA
- 2) NIPPLE , 2EA
- 3) UNION , PF3/8-PT3/8 , TX47(2EA)
- 4) ELBOW , PF3/8-PT3/8 , TX57(2EA)

TX47



TX57

