

INSTALLATION INSTRUCTION

Loader for TLE3400

TLE3400-W250 28384



WARNING

Read and understand this manual in its wholeness before using the machine or carrying out its assembly or checking.

Keep this manual carefully that you can consult it for using or maintenance or control of this machine.

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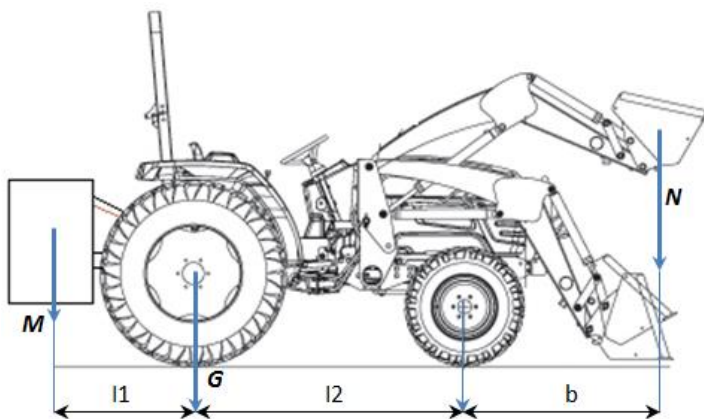
SECURITY INSTRUCTIONS

- Ensure that the thread of the fixing points of the tractor are clean. The use of a tap makes it possible to eliminate the paints, the ruts and specks of dirt.
- Close-fit all the elements then carry out the final clamping to the recommended torque in the table below.

Filetage	Classe de visserie		
	8.8	10.9	12.9
M 8	21	29	35
M 10	42	58	70
M 12	72	101	121
M 14	114	160	193
M 16	174	245	295
M 18	240	340	405
M 20	340	475	570
M 22	455	640	765

- Handling the different elements with appropriate means on a flat and solid floor.
- Never use a pneumatic wrench to tighten tractor related screws.
- In the event of non-compliance of the following instructions, the materiel will no longer be guaranteed.
- The anti-turning structure provides only partial protection against dropping loads on driver's seat and, an additional protection can only be achieved by the use of tools designed to prevent dropping loads on the driver's seat.
- Use of counter-loads: it's necessary to have 20% of the gross weight (tractor, loader, tool, counter weight and load) on the rear axle of the tractor to guarantee an adequate traction and braking when the combination tractor/loader is used. The calculation of the counter charge is calculated according to the formula of the standard EN12525 +A2 2010

$$M \geq \frac{5 N b + l_2 (P + N - 5 G)}{5 (l_1 + l_2) - l_2}$$



- M : mass of rear counterweight in kilograms
- N : Is the mass of the tool including the maximum permissible load of the tool, in kilograms
- P : The mass of the tractor without any counterweight but with the lifting arms and the device for coupling the tools installed in kilograms
- G : The load on the rear axle, without rear counterweight but with the lifting arms installed and the device for coupling the tools in their maximum bearing position, in kilograms

- Significant changes in the stability of the tractor can be generated by using the loader, adapting its driving to the work to be carried out.

MAINTENANCE :

Check the right tightening of the screws to the correct torque after 10 hours, 50 working hours and then every 100 working hours.

Maximum permissible hydraulic pressure: 180 bars

Maximum lifting capacity: 700 kg without bucket

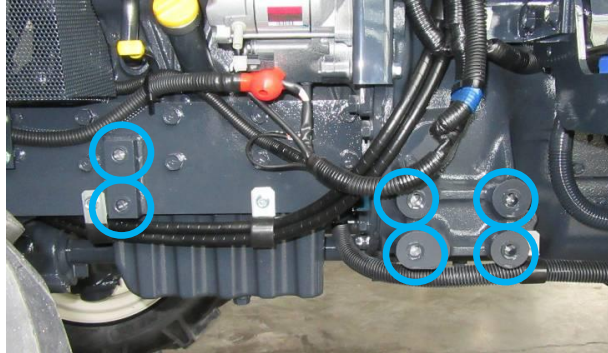
How the service organs must be attached to the tractor

Possible change in stability

MOUNTING THE FRAME:

1. Préparation of mounting:

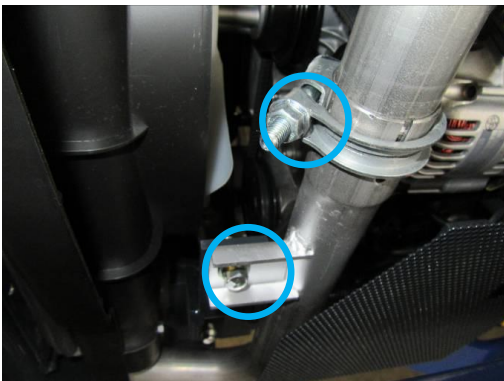
- Disconnect the battery, disassemble the mass support and the front hitch if installed
- Remove the 6 protective plugs from the threads on each side



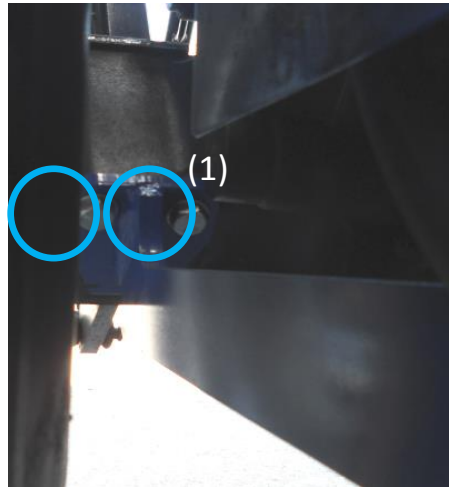
- Remove the 2 block lights, the mirror et the 2 light supports
- Disconnect the beam in the dashboard



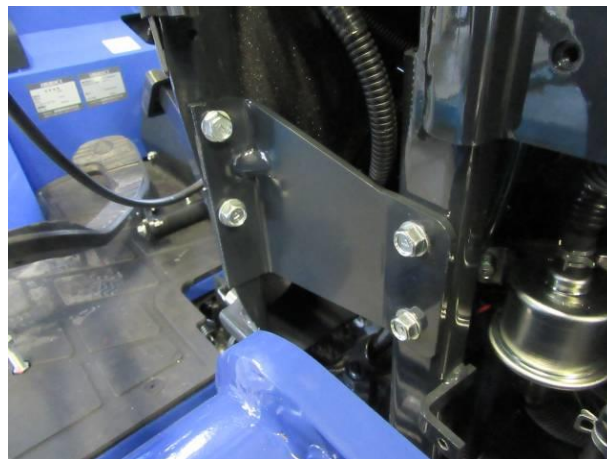
- Unlock the 3 screws fixing the exhaust pipe



- f. Unlock the 2 screws under the rear deck under each side (1)

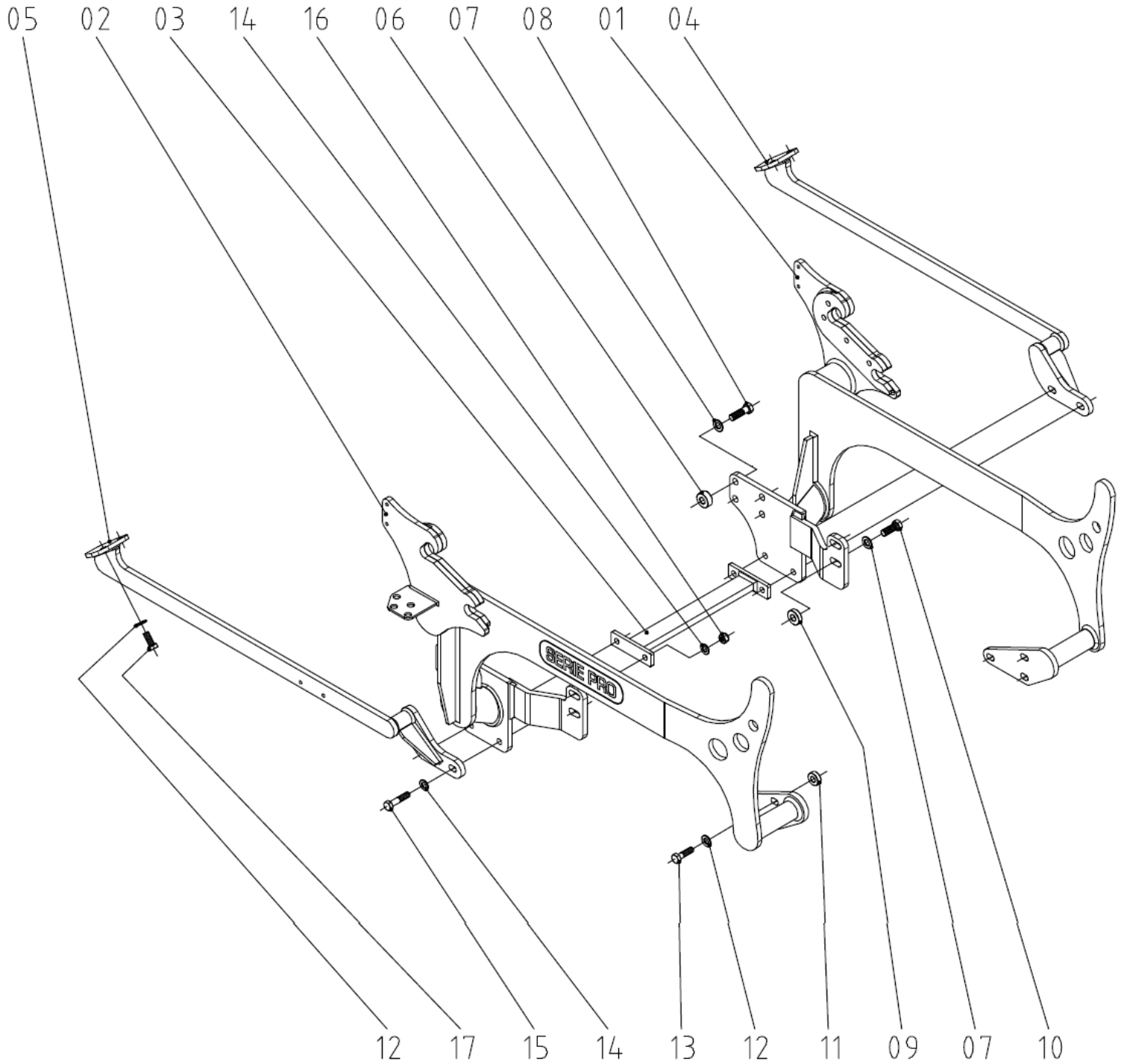


- g. Carve up the original light support on each side according to the dotted line (1) and reinsert them.



2. Assemblage of the frame:

Pre assemble all the parts of the frame, then torque tightening

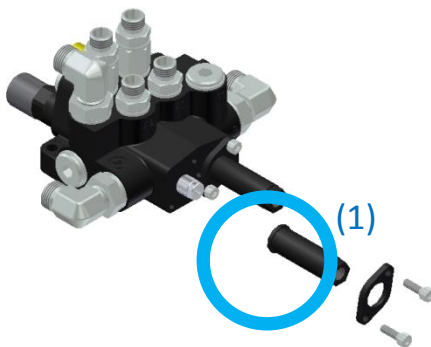


N°					Qty	Ref
*	JUEGO SOPORTES	BRACKETS SET	BERCEAU		1	28400
1	Soporte izdo	Left bracket	Support gauche		1	28401
2	Soporte dcho	Right bracket	Support droit		1	28402
3	Travesaño	Bottom cross bar	Traverse		1	25095
4	Manga izda	Left rear reinforcement	Liaisons arrière gauche		1	28403
5	Manga dcha	Right rear reinforcement	Liaisons arrière droit		1	28404
*	JUEGO TORNILLOS	SCREW KIT	Kit du vis		1	28399
6	Casquillo	Bush	Bague	40x17x17	8	28421
7	Arandela CNT	Washer CNT	Rondelle CNT	16	12	22456
8	Tornillo	Screw	Vis	M16x55	8	22123
9	Casquillo	Bush	Bague	40x17x12	4	16263
10	Tornillo	Screw	Vis	M16x45	4	8936
11	Casquillo	Bush	Bague	35x15x12	6	25030
12	Arandela CNT	Washer CNT	Rondelle CNT	14	10	22455
13	Tornillo	Screw	Vis	M14x50	6	1667
14	Arandela plana	Flat washer	Rondelle plat	14	8	2103
15	Tornillo	Screw	Vis	M14x65	4	10371
16	Tuerca	Nut	Écrou	M14	4	3011
17	Tornillo	Screw	Vis	M14x35	4	3019

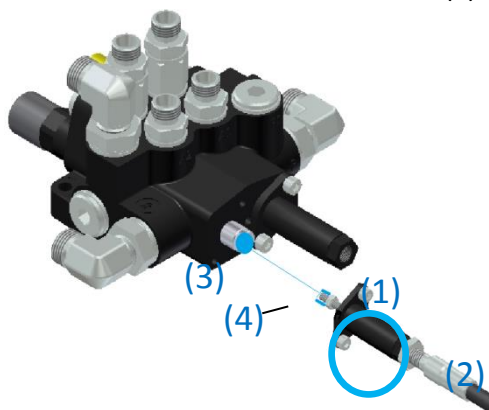
HYDRAULIC ASSEMBLY

1. Assembling the distributor at the working table:

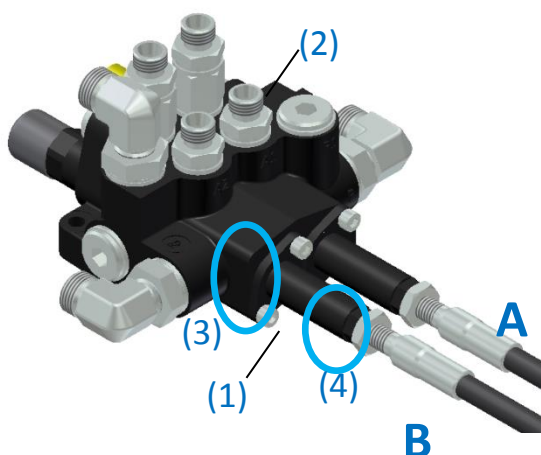
- a. Disassemble the 2 black sockets on the distributor (1)



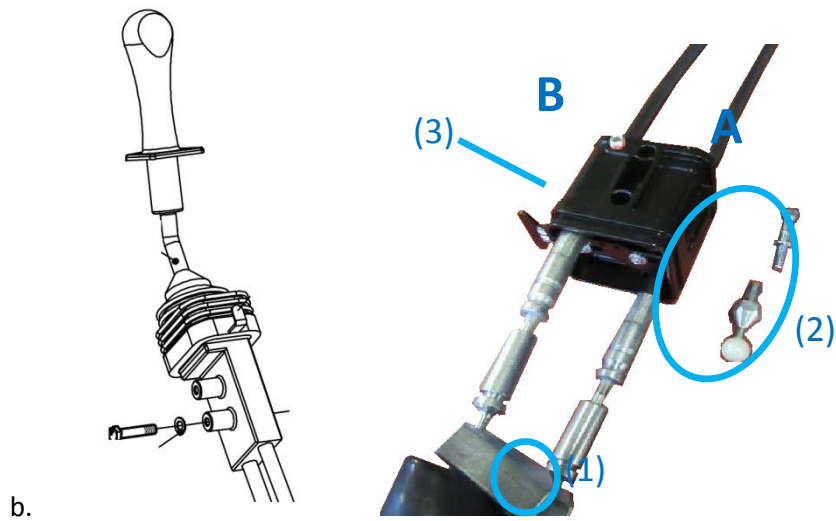
- a. Tighten the socket (1) on the tele flexible (2) and tighten to the bottom the tele flexible on the distributor (3). Block the cable to the distributor with the screw nut (4).



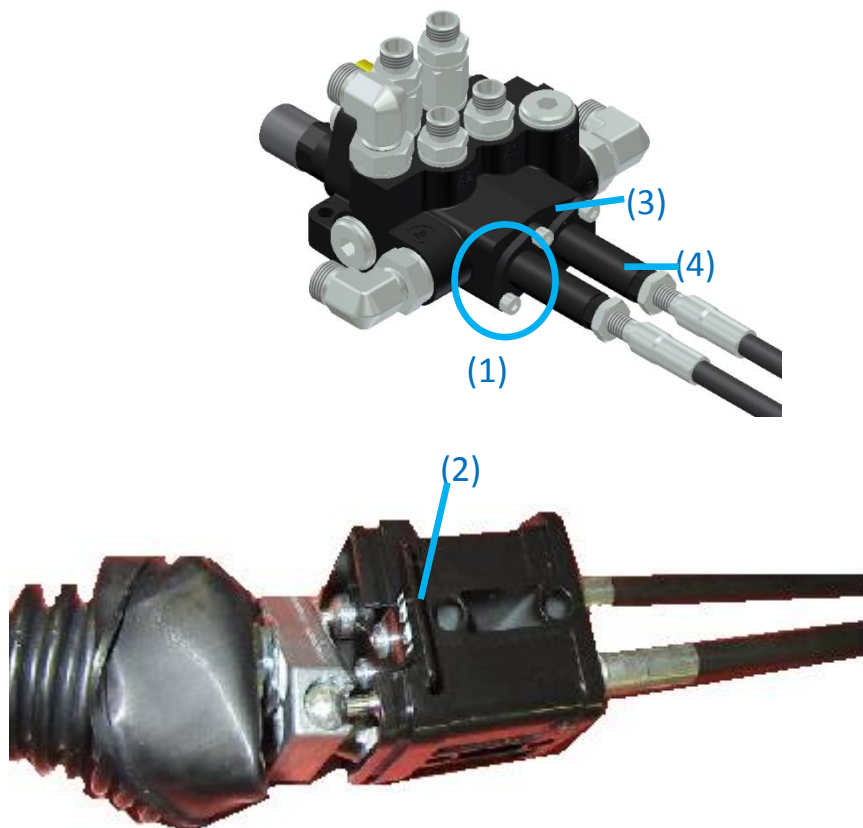
- b. Loosen the socket (1) until it is in contact with the distributor (2). Put the flange in place (3) without blocking the nuts and the lock nuts (4) to be able to do the adjustment.



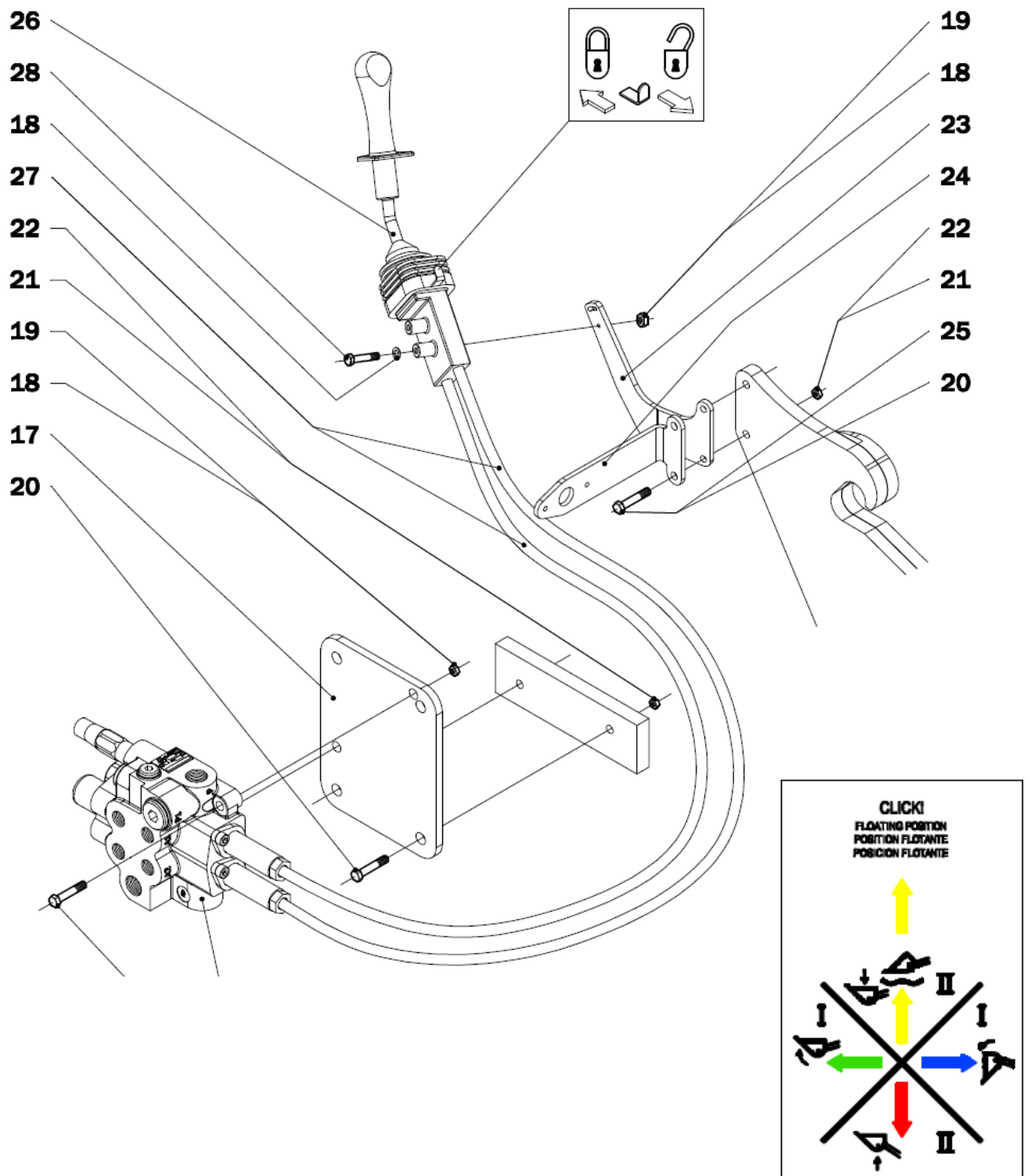
- c. Connect the tele flexible on the handle of the joystick (1) taking of the ball (2) of the support (3) respecting the tele flexibles A et B position (Look at the previous steps).



- a. Pre-set the joystick neutral point by tightening and loosening the distributor socket (1). The blockage must be able to be operated easily (2). Then block the socket nuts (3) and the 2 lock nuts (4).



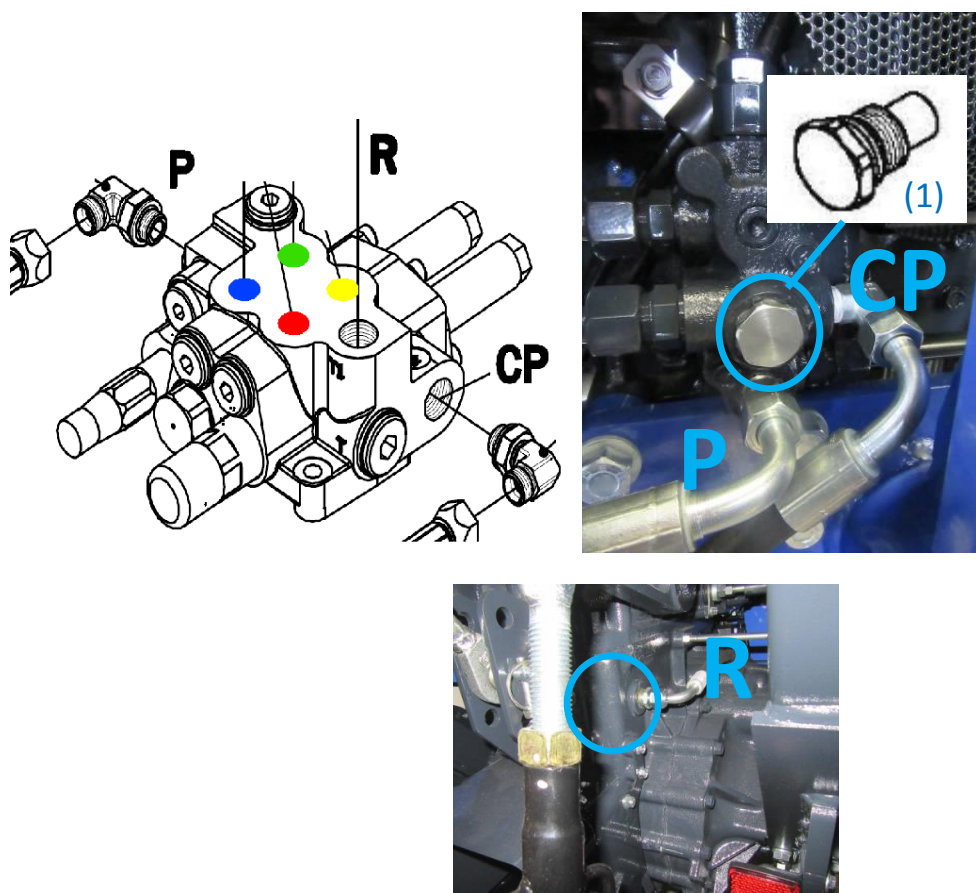
1. Attaching of the distributor support on the distributor, of the light support and the joystick on the tractor



Pos		Qty	Ref
15	Distributeur	1	28845
16	Vis	M-6/100 x 40	4
17	Distributeur support	1	25610
18	Rondelle plat	ø6	8
19	Écrou	M-6/100	4
20	Vis	M-8/125 x 35	2
20	Vis	M-8/125 x 45	2
21	Rondelle plat	ø8	4
22	Écrou	M-8/125	4
23	Joystick support	1	24864
24	Support pilote	2	28422
25	Vis	M-8/125 x 30	2
26	Joystick	1	27886
27	Teleflexible	1250 - M-10/100	2
28	Vis	M-6/100 x 90	2

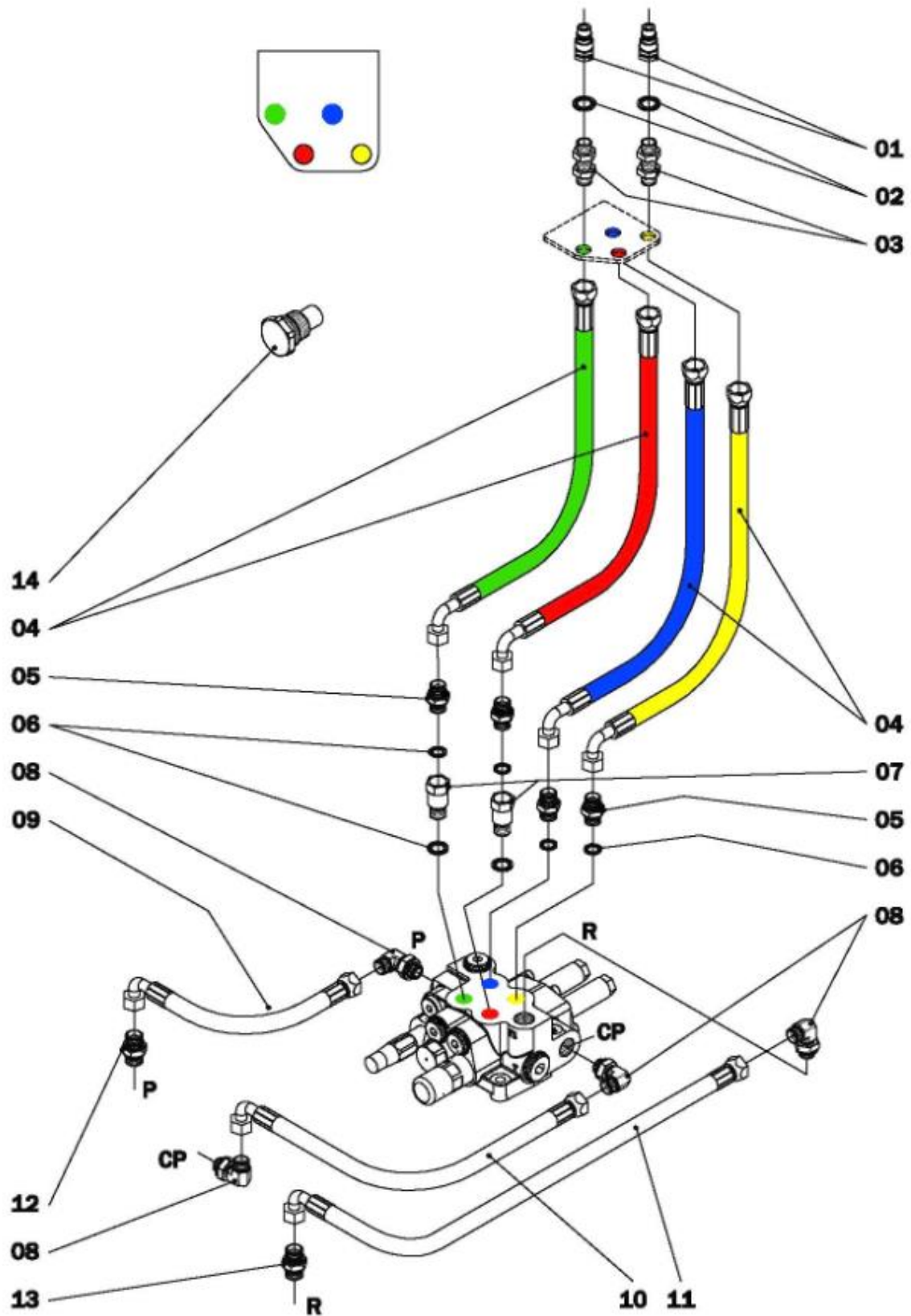
2. Hydraulic connection to the tractor:

- Replace the original cap by the provided cap (1), then connect the tractor to the distributor, the alimentation(P), the back pressure(CP) and the return (R)



Remove the cap to connect the back flexible at the right rear of the tractor

3. Install the hydraulic couplers:



Pos		Qty	Ref	
01	Prise rapide	3/8	4	3281
02	Joint	3/8	4	1625
03	Adapteur	3/8 - 3/8	4	2459
04	Flexible	3/8 - 620 - 16/150	4	28910
05	Adapteur	16/150 - 1/4	4	13338
06	Joint	0,25	6	1510
07	Adapteur	1/4 - 1/4	2	7445
08	Adapteur 90°	18/150 - 3/8	4	21682
09	Flexible	18/150 - 250 - 18/150	1	28950
10	Flexible	18/150 - 350 - 18/150	1	28951
11	Flexible	18/150 - 980 - 18/150	1	28952
12	Adapteur	3/8 - 18/150	1	28379
13	Adapteur	1/2 - 18/150	1	28452
14	Couvercle original Iseki	1742-508-410-0A	1	28449

MECHANICAL MOUNTING

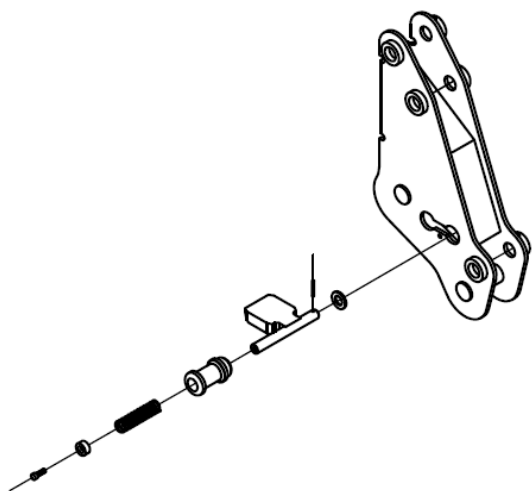
- a. Screw the 3 screws of the exhaust muffler
- b. Install the right light on the new support



- c. On the left side, set the light support with the mirror support



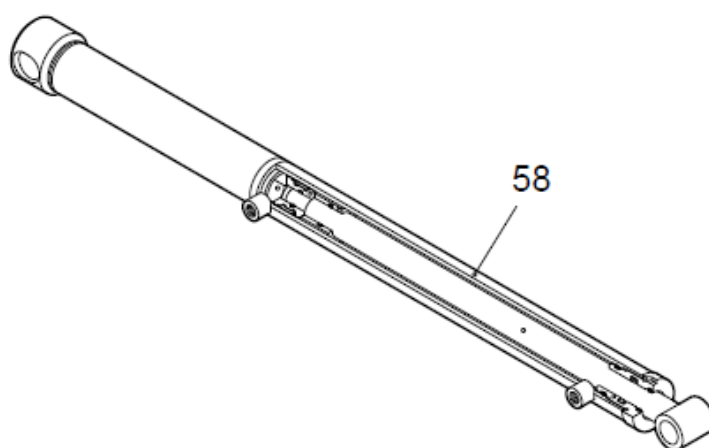
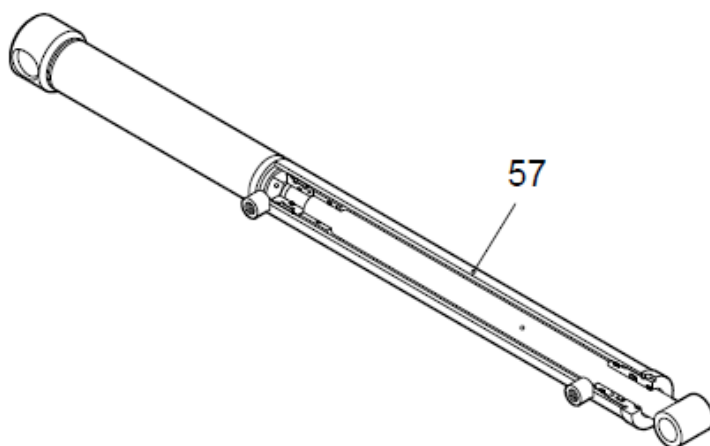
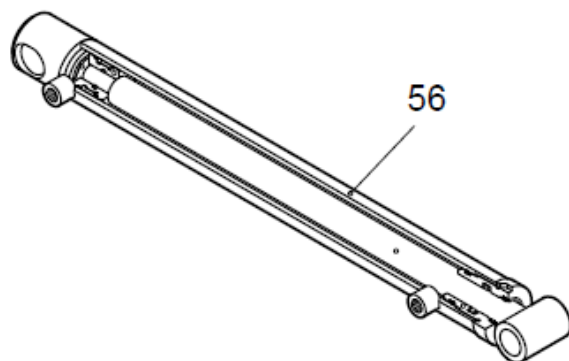
- d. Reconnect the light beams
- e. Install the 2 clamping on the loader (locks, screws, washers, springs)



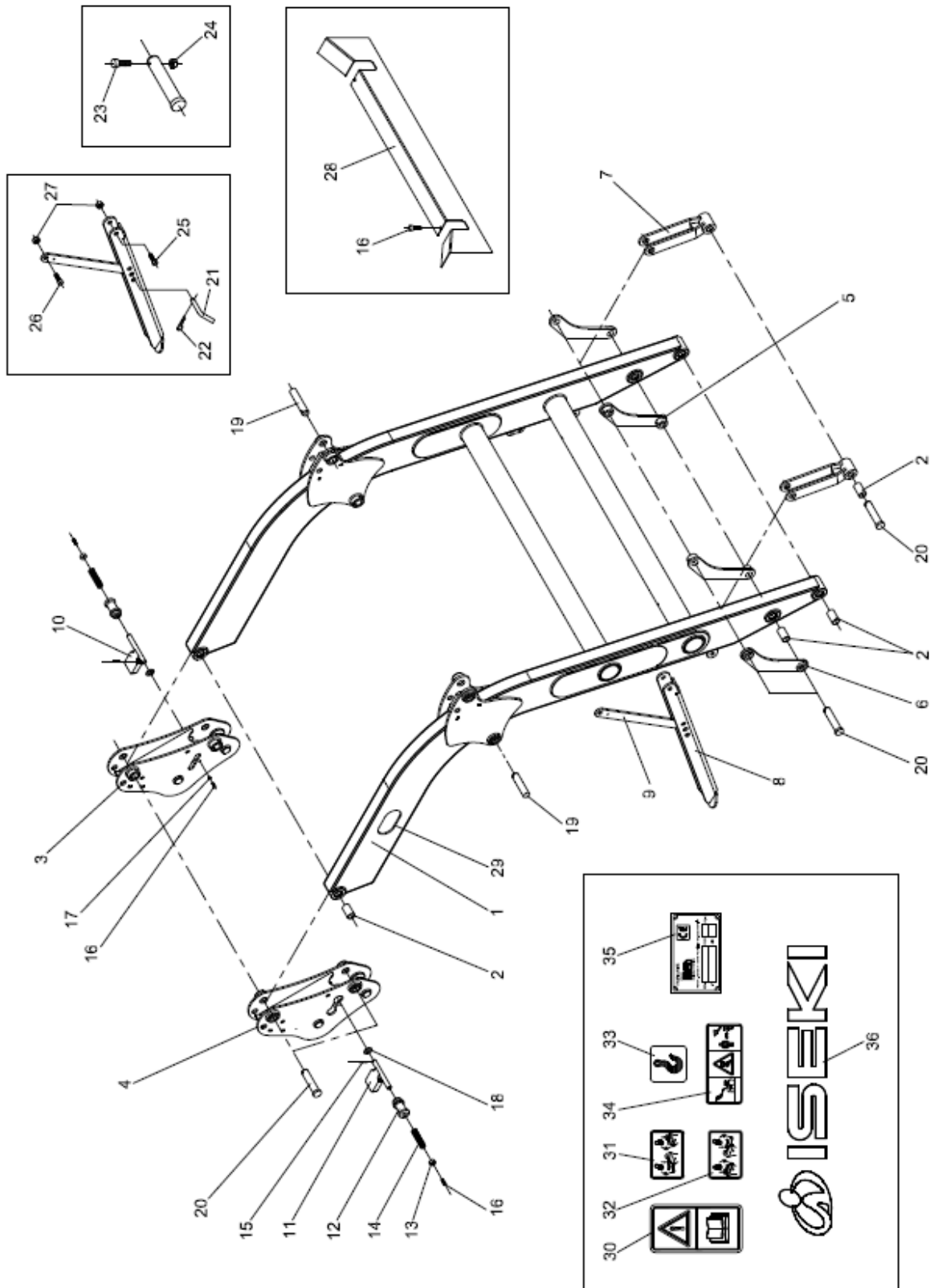
Set the loader on the support and block with locks. Install the bucket. Connect the hydraulic couplers of the loader to the hydraulic couplers by matching the colors



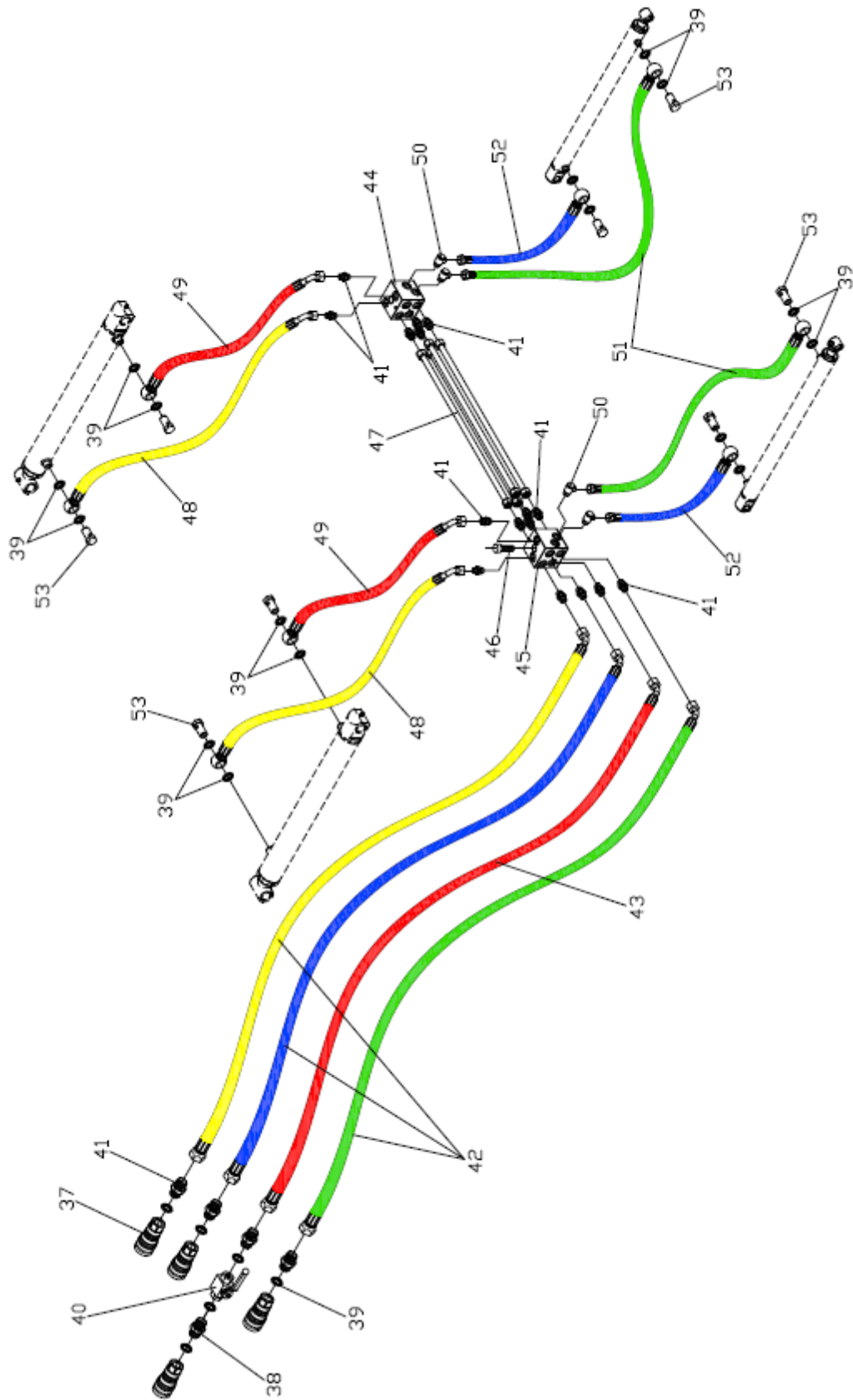
- Checking operation of the loader according to the indications on the lever: lifting, cavage, floating position.
- Check that there is no oil leakage et operation of the rear linkage
- Check the oil level of the axle.

SPARE PARTS MANUAL


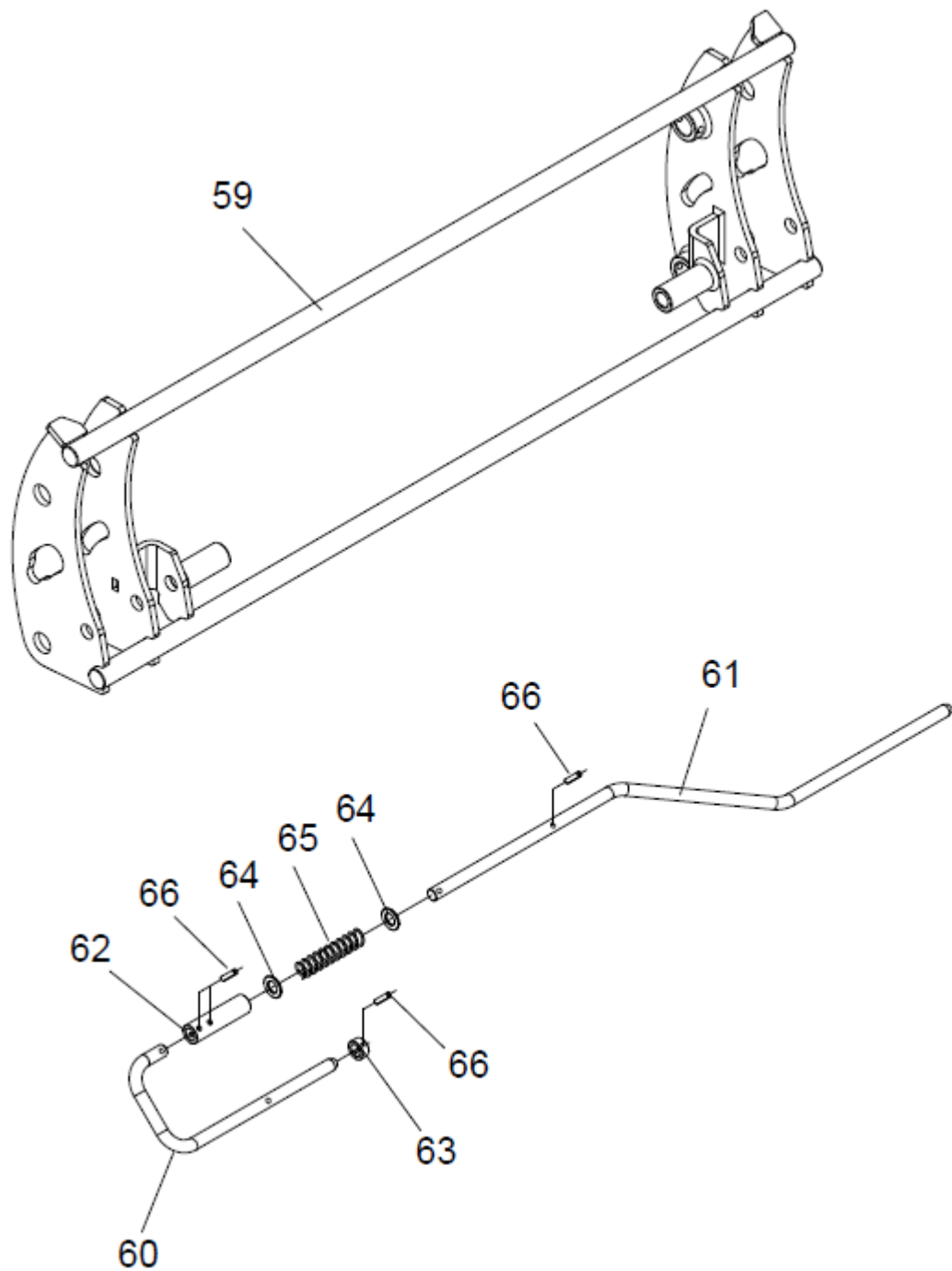
N°		Qty	Ref
56	Vérin d'élévation	2	25303
57	Vérin du vannage droit	1	24274
58	Vérin du vannage gauche	1	24275



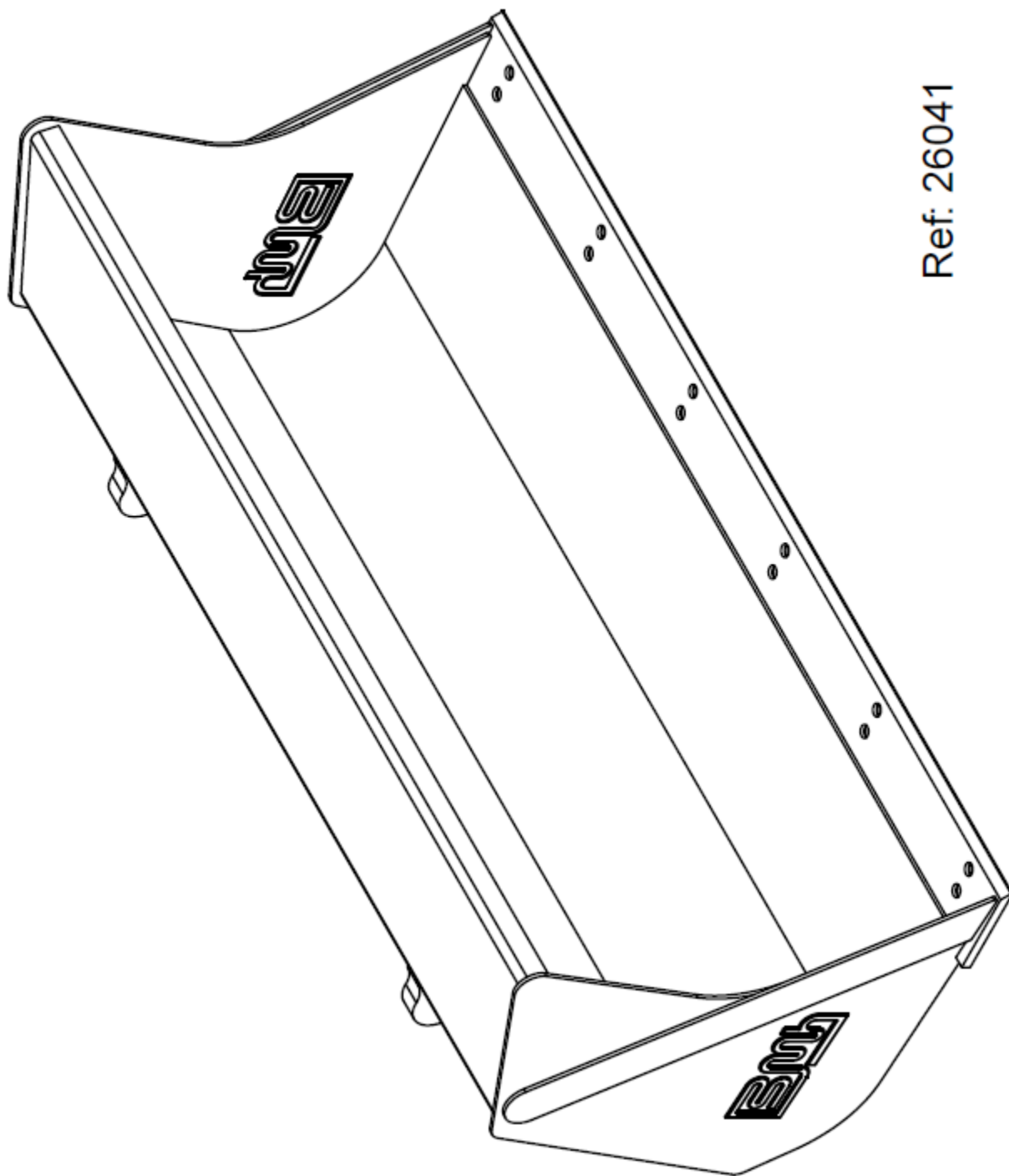
N°		Qty	Ref
*	Chargeur frontal	1	25304
1	Fourche	1	21830
2	Bague	8	2400
3	Pilier gauche	1	12769
4	Pilier droit	1	12770
5	Jumelle intérieure	2	7398
6	Jumelle extérieur	2	7396
7	Bielle	2	7414
8	Pied de stationnement	2	13129
9	Pied de stationnement	2	13130
10	Clavette gauche	1	10449
11	Clavette droite	1	10448
12	Manette	2	2331
13	Rondelle	6	2332
14	Ressorts	2	2347
15	Goupille	5 x 45	3067
16	Vis	M6/100 x 16	3818
17	Ecrou	M6/100	2547
18	Rondelle	16	1975
19	Axe	4	2344
20	Axe	12	2346
21	Axe	2	13127
22	Goupille	R4	1571
23	Vis	M8/125 x 50	20903
24	Ecrou	M8/125	2756
25	Vis	M12/175 x 70	1650
26	Vis	M12/175 x 25	13126
27	Ecrou	M12/150	7469
28	Protection avant	1	13815
29	Passe paroi	2	14594
30	Autocollant	2	13210
31	Autocollant	1	13211
32	Autocollant	1	13212
33	Autocollant	2	13213
34	Autocollant	2	13214
35	Autocollant	1	15368
36	Autocollant	1	25448



N°			Qty	Ref
37	Plug	3/8 ISO-B	4	3282
38	Adapteur	1/4 - 3/8	1	2534
39	Joint	1/4	17	1510
40	Vanne de fermeture		1	6750
41	Adapteur	1/4 - 14/150	17	3974
42	Flexible	14/150-2200-14/150	3	14772
43	Flexible	14/150-2100-14/150	1	14776
44	Bloc gauche		1	12515
45	Bloc droite		1	12516
46	Vis	M8/125 x 60	2	8922
47	Tube		4	13235
48	Flexible	1/4-1250-14/150	2	17542
49	Flexible	1/7-810-14/150	2	17543
50	Adapteur	1/4 - 16/150	4	14089
51	Flexible	1/4-700-16/150	2	13491
52	Flexible	1/4-400-16/150	2	21130
53	Adapteur	1/4	8	7444
54	Adapteur	3/8 - 14/150	3	3922
55	Joint	3/8	1	1625



N°		Qty	Ref
**	Tablier d'attache rapide automatique monté	1	11600
59	Tablier d'attache rapide automatique	1	11601
60	Poignée fixation Tablier	1	7400
61	Axe clavetage du tablier	1	11603
62	Bague	1	7402
63	Bague	1	7403
64	Bague	2	7404
65	Ressorts	1	6327
66	Goupille	4	653



Ref: 26041



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