

Каталог запасных частей SY330

Hydraulic Excavator

Equipment No. SY0332CB02208

wangh2645 2021-10-09

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Overview

This book provides illustrations and parts listings required to properly identify and order replaceable parts on your Sany machine.

If this book becomes damaged, lost or illegible, request a replacement copy from your Sany distributor.

In case you sell this machine, be sure to give this parts book to the new owner.

Improvements in the design may lead to changes in detail which may not be indicated in this book. Always consult your Sany distributor for the latest available information on your equipment or if you have questions regarding information in this book.

Storing this parts book

This publication applies only to this specific machine and should not be used with any other machines.

Always keep this book available for reference.

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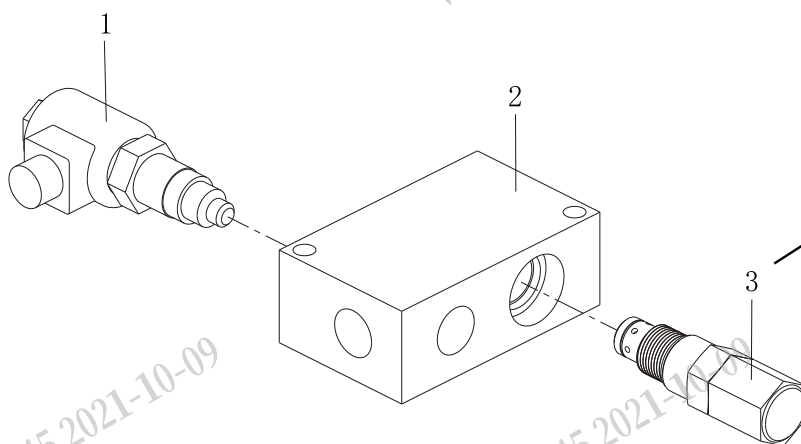
Website: <http://www.sanyglobal.com>

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A810201021318 Switch Valve Assembly

Page header with parts code, and parts description



Line-art illustration with
callout numbers

Page footer with page number, chapter title, machine model and product name

A810201021318 Switch Valve Assembly

Page header with parts code, and parts description

INDEX: that matches
callout numbers on previous
illustration page

SEE PAGE: for page information
of the part or assembly

INDEX	PART NO.	DESCRIPTION	QTY	SEE PAGE
1	B220401000459	Valve Assembly, Solenoid	1	
2	A820103010415	Change Valve Block, Cooling Oil Motor	1	
3	B220400000083	Relief Valve	1	

PART NO.: to be used along
with DESCRIPTION to identify
the part or assembly

DESCRIPTION: to be used
along with PART NO. to
identify the part or assembly

QTY: it indicates the
number of each part
used in this assembly

Page footer with page number, chapter title, machine model and product name

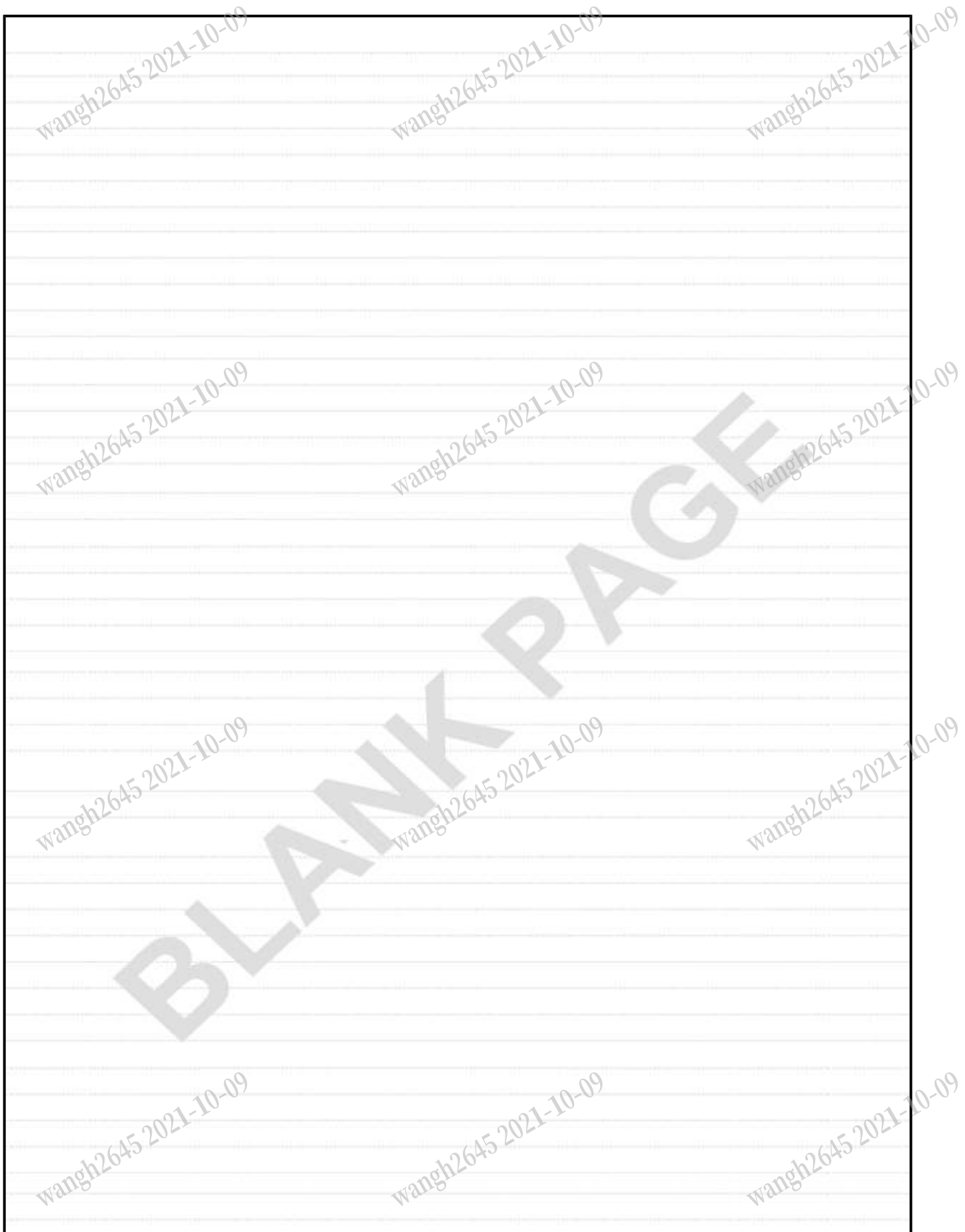


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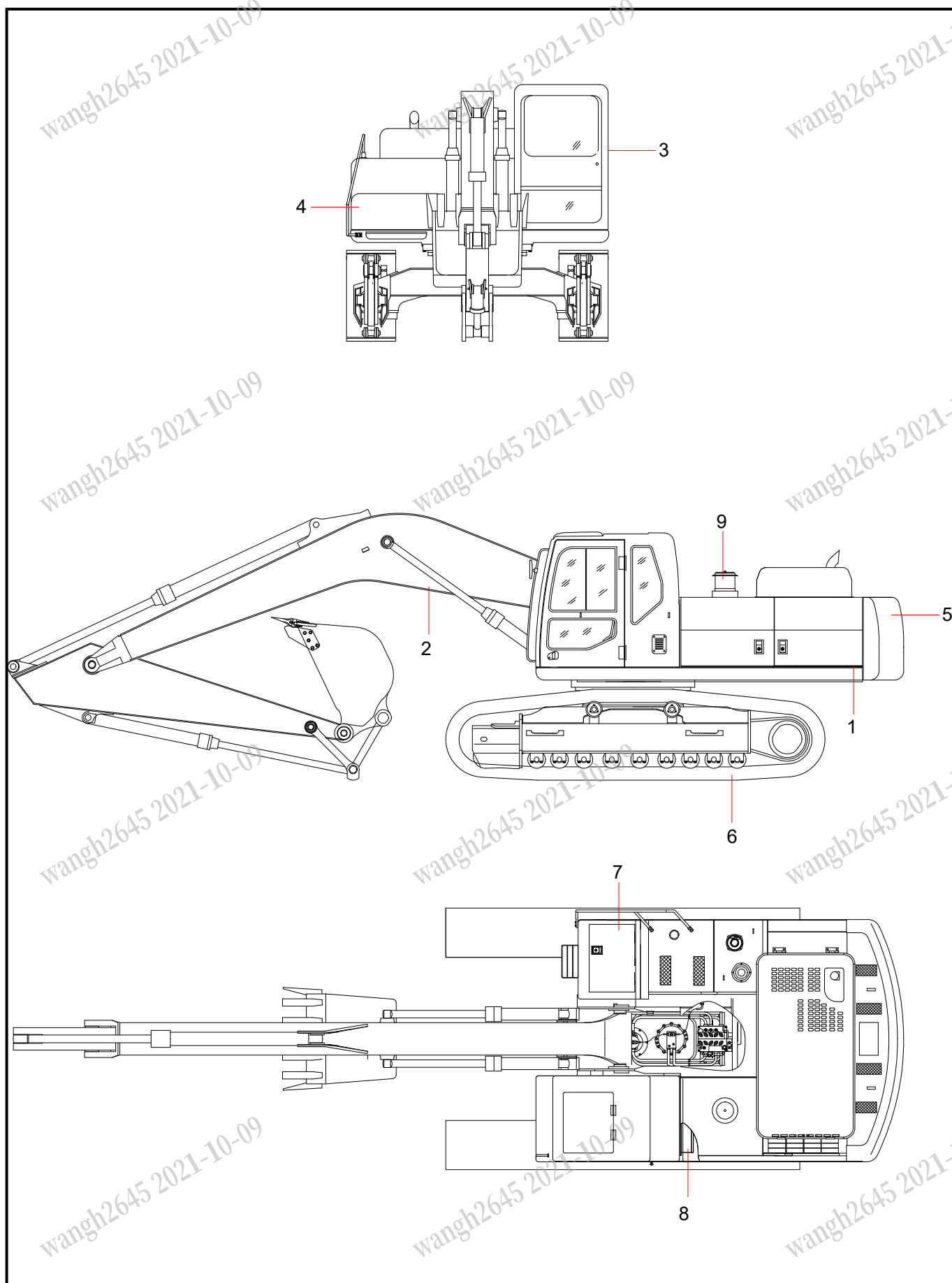
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Group 1

SY330C9I3KH hydraulic excavator body

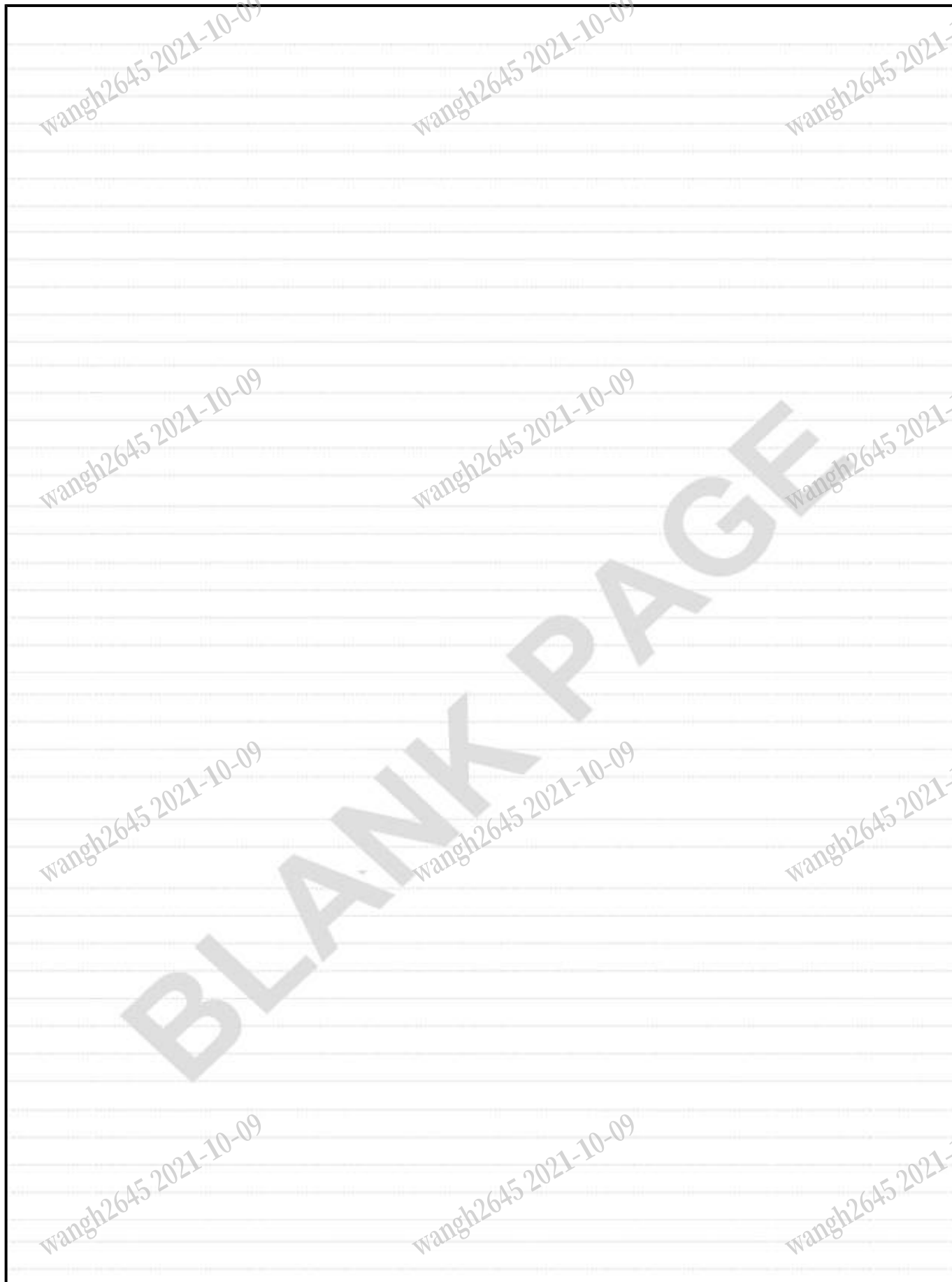
SSY004969361 SY330C9I3KH hydraulic excavator body



1-2 SY330C9I3KH hydraulic excavator body

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3	SSY004969359	Cab	1	4-2
4	14144624	covering parts assembly	1	5-2
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7	SSY004969301	Accessories	1	8-2
8	SSY004969276	Electrical System	1	9-2
9	14219410	Power system	1	10-2

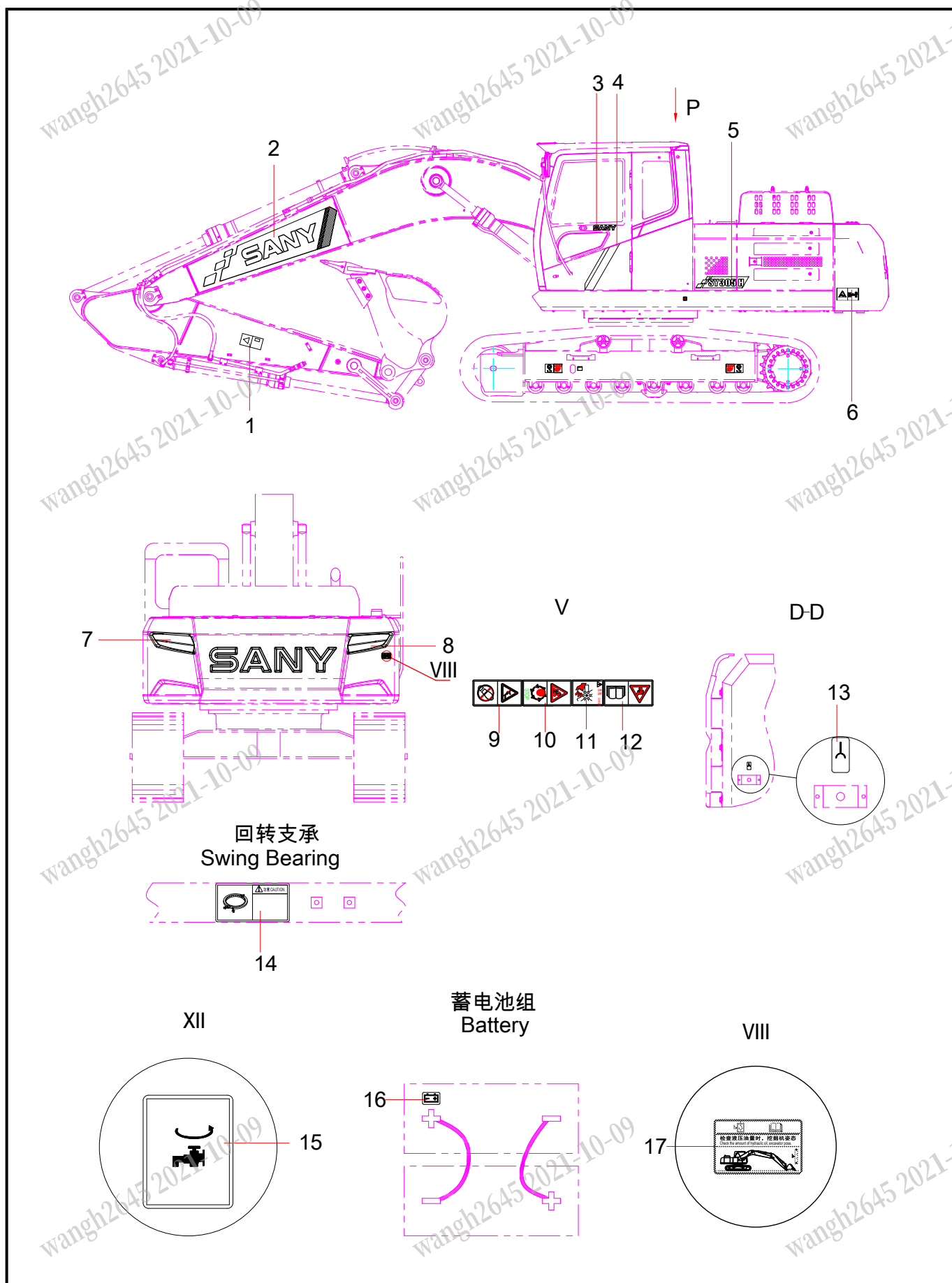
SSY004969361 SY330C9I3KH hydraulic excavator body



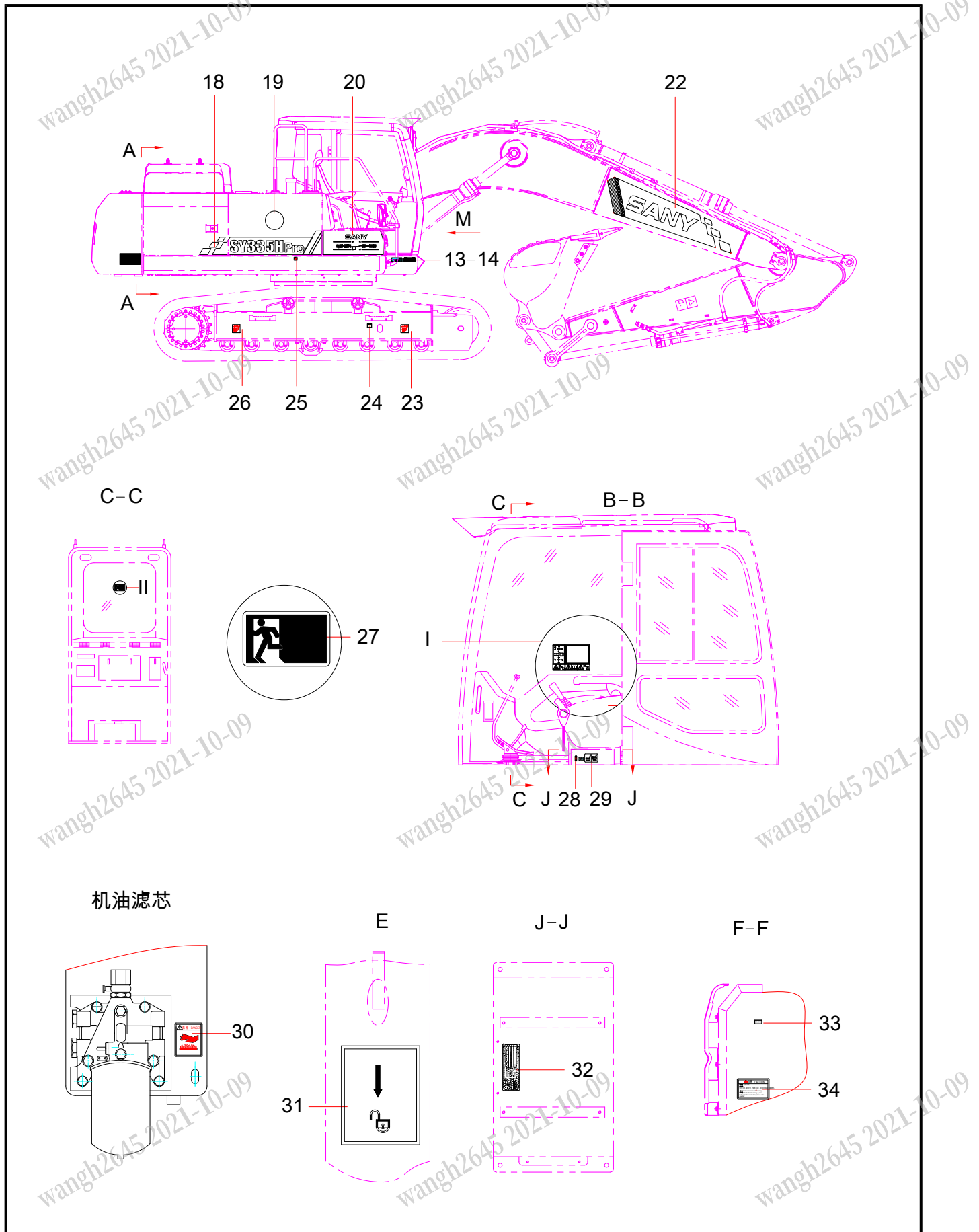
1-4 SY330C9I3KH hydraulic excavator body

Group 2

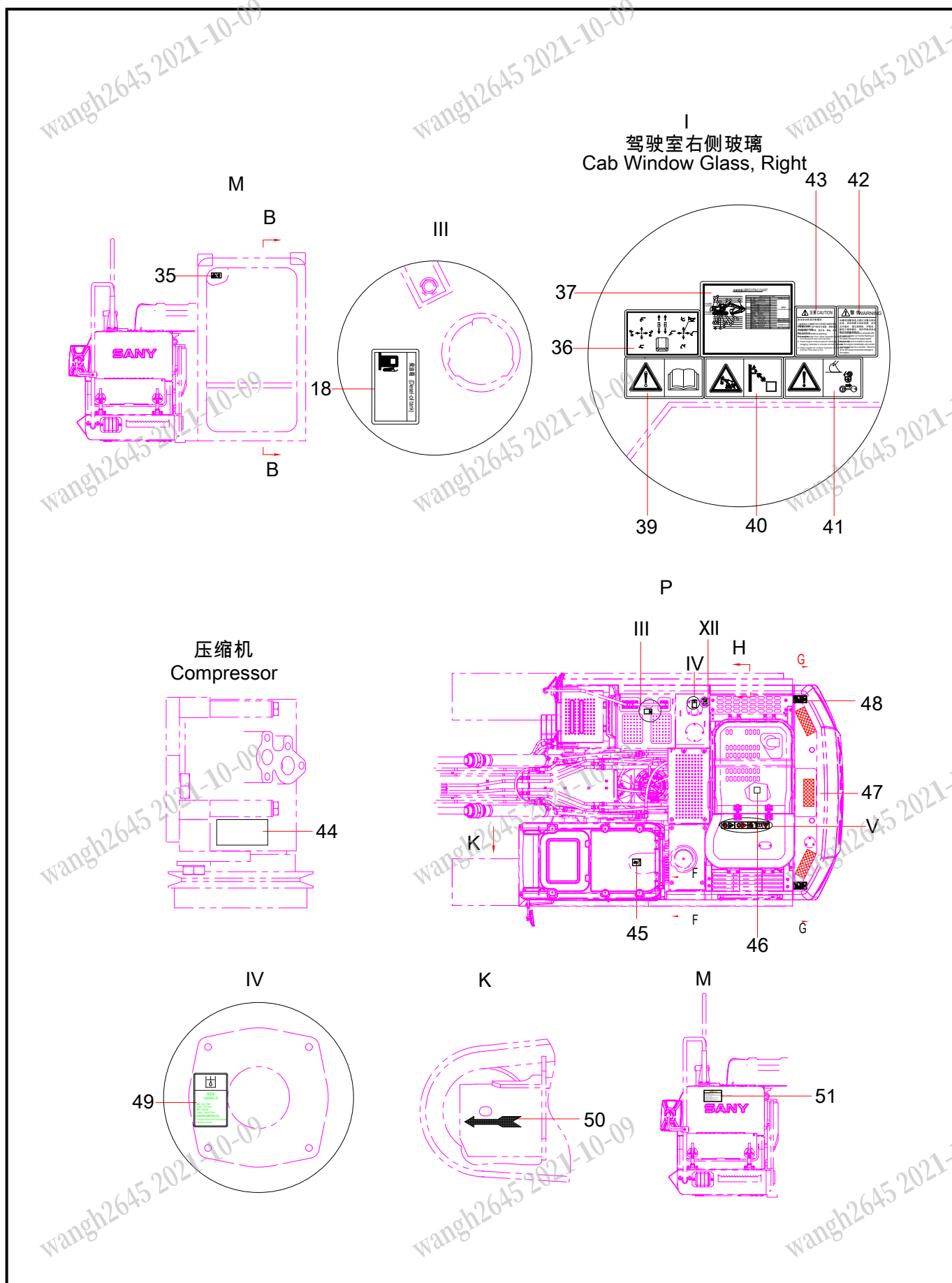
Coating



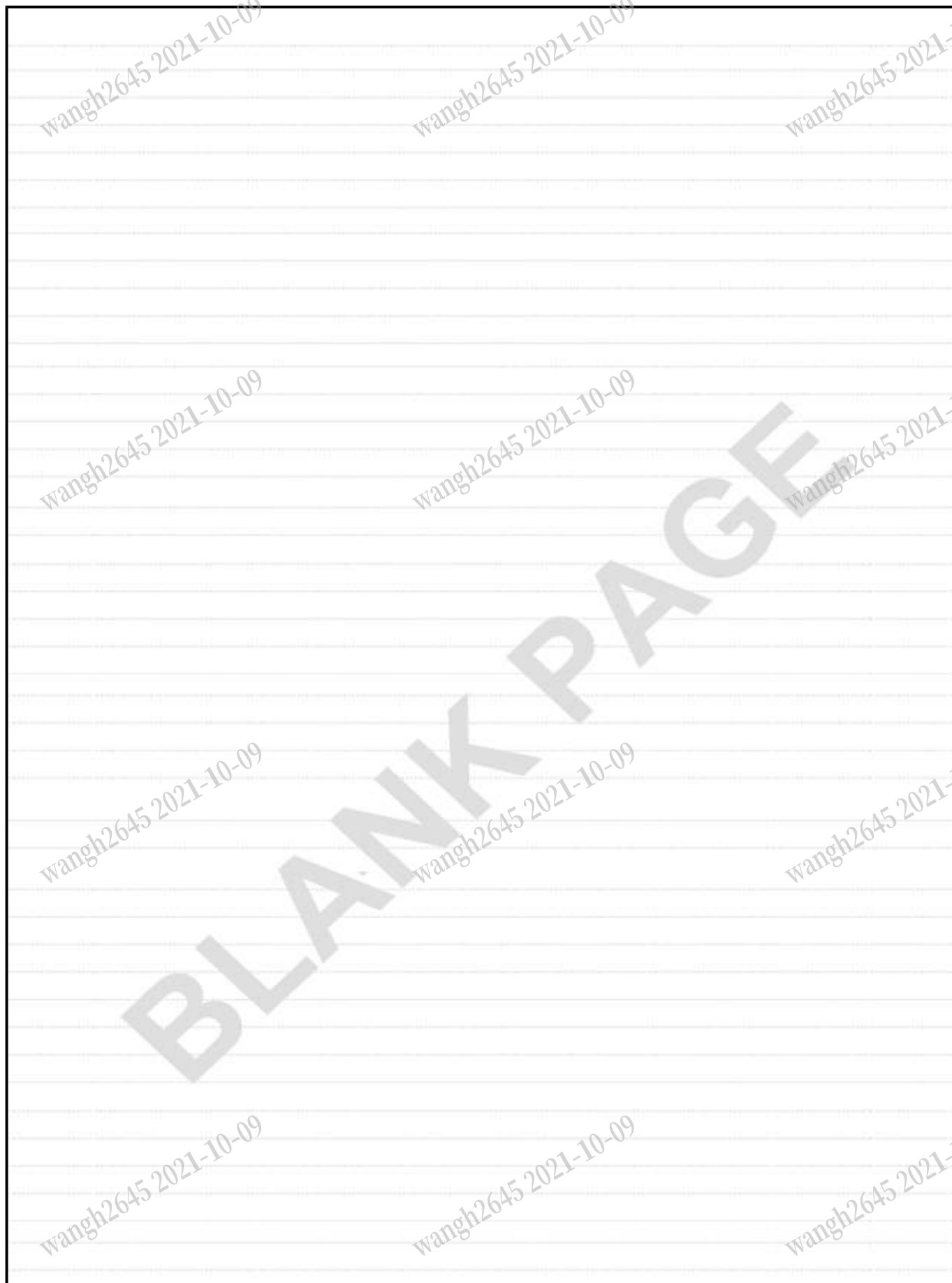
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A820601990963	Decal, Warning, Arm	2	
2	13735100	Decal, Boom, Left	1	
3	12842974	Decal, Cab Power	1	
4	13731872	Cab marking	1	
5	SSY004836912	Machine Left BodyMarking	1	
6	13735008	Decal, Counterweight, Side Marker	2	
7	SSY005652409	Decal, counterweight, left	1	
8	SSY005652418	Decal, counterweight, right	1	
9	A820601990973	Decal, Warning, Engine Hood	1	
10	A820699001017	Decal, Warning, Belt Safety	1	
11	A820101050793	Fan Danger Alert	1	
12	A820699000948	Decal, Warning, Operator Manual	1	
13	A820699001109	Decal, Power Socket	1	
14	12403551	Decal, warning,swing bearing	1	
15	A820601990929	Decal, Drain, Fuel Tank	1	
16	A820601990972	Decal, Power Supply	1	
17	13711158	Decal, Oil Level	1	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
13	A820699001109	Decal, Power Socket	1	
14	12403551	Decal, warning, swing bearing	1	
18	SSY004836922	Machine Right Body Marking	1	
19	13796526	Decal, environmental	1	
20	SSY005833973	Decal, toolbox	1	
22	13735101	Decal, Boom, Right	1	
23	A820101990552	Lift Point Decal	4	
24	A820601990968	Decal, Warning, Tensioner	2	
25	12033801	Decal, Center of Gravity	2	
26	A820601990934	Decal, Tie-down, Shipping	4	
27	A820601990969	Decal, Emergency Exit	1	
28	14148149	Jerk switch indicator	1	
29	A820601990967	Decal Instruction Seat Adjustment	1	
30	A820101050798	Decal, Caution, Hot Surface	1	
31	A820601990927	Decal, Unlock	1	
32	14045657	Nameplate	1	
33	13547286	Decal, Caution	1	
34	A820601990962	Decal, Drain, Water Separator	1	



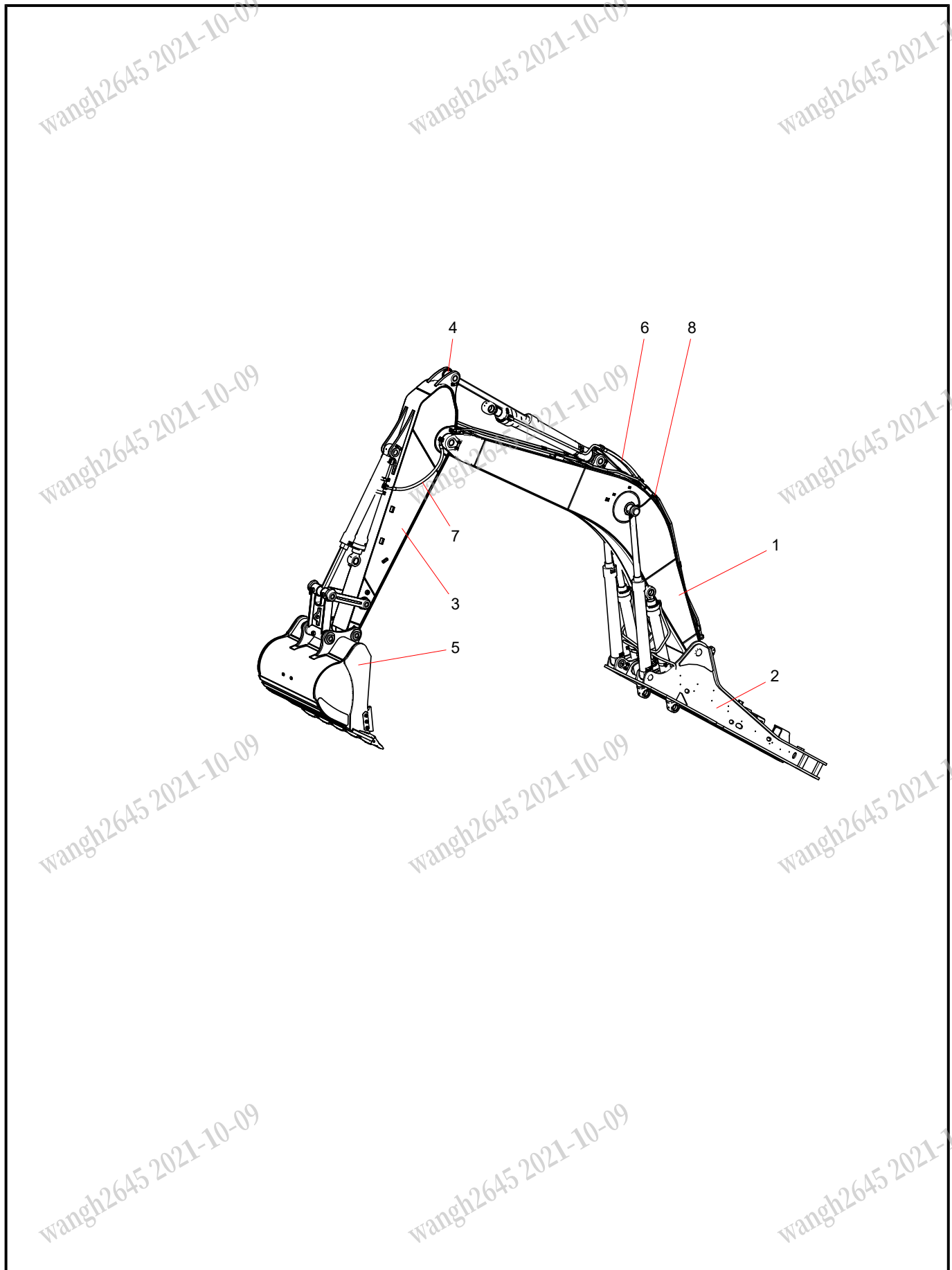
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
35	A820699001019	Decal, Warning, Front Window Lockout	1	
36	A820601991039	Logo Plate of Fuel Tank	1	
37	13536535	Decal, Grease Point	1	
38	A820601990961	Decal Instruction Operation	1	
39	11464425	Decal, Warning, "Read Manual"	1	
40	11464432	Decal, Warning, High Voltage	1	
41	11464441	Decal, Warning, Power-off	1	
42	12919461	Decal, Engine Caution	1	
43	11648786	Decal, Warning, Pre-start Precaution	1	
44	A820699001284	Decal Instruction Refrigerant Change	1	
45	11323371	Decal, Warning, No-sitting	1	
46	12033810	No Trample Nameplate	1	
47	A820699000369	Tape, Anti-skid, Long	4	
48	A820601990926	Decal, Warning, Fall	4	
49	14246844	Decal, hydraulic tank	1	
50	12057746	Decal, Travel Direction	2	
51	13515106	Logo plate of diesel oil	1	



Group 3

work device hydraulic tube

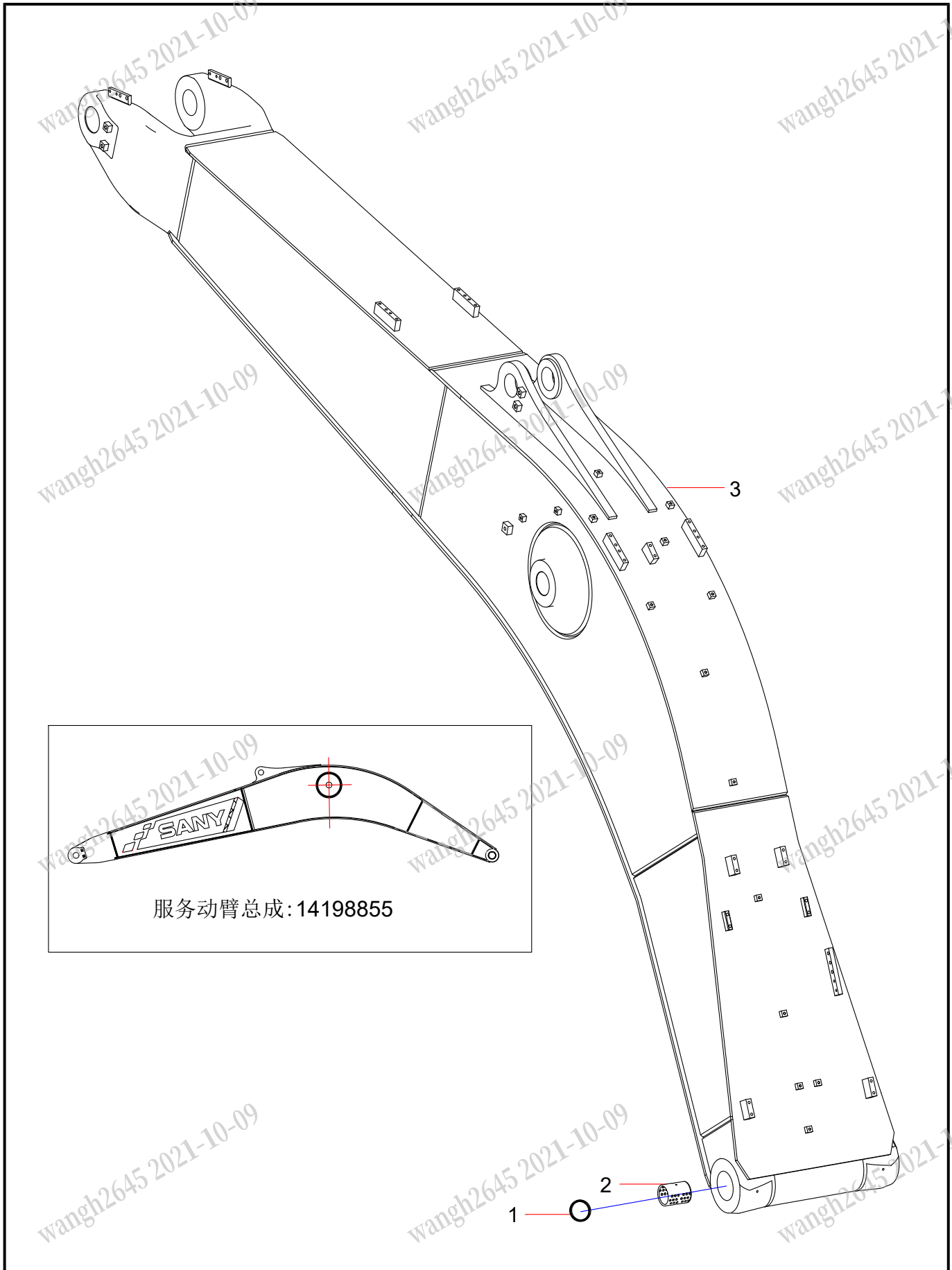
14157791 work device hydraulic tube



3-2 work device hydraulic tube

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14221610	boom	1	3-4
2	14221468	boom	1	3-6
3	14221622	ARM	1	3-8
4	14221491	ARM	1	3-10
5	14221662	Bucket	1	3-12
6	14219648	Boom work device tube	1	3-16
7	14215262	Rrm work device tube	1	3-24
8	14157567	Lubricating circuit	1	3-28

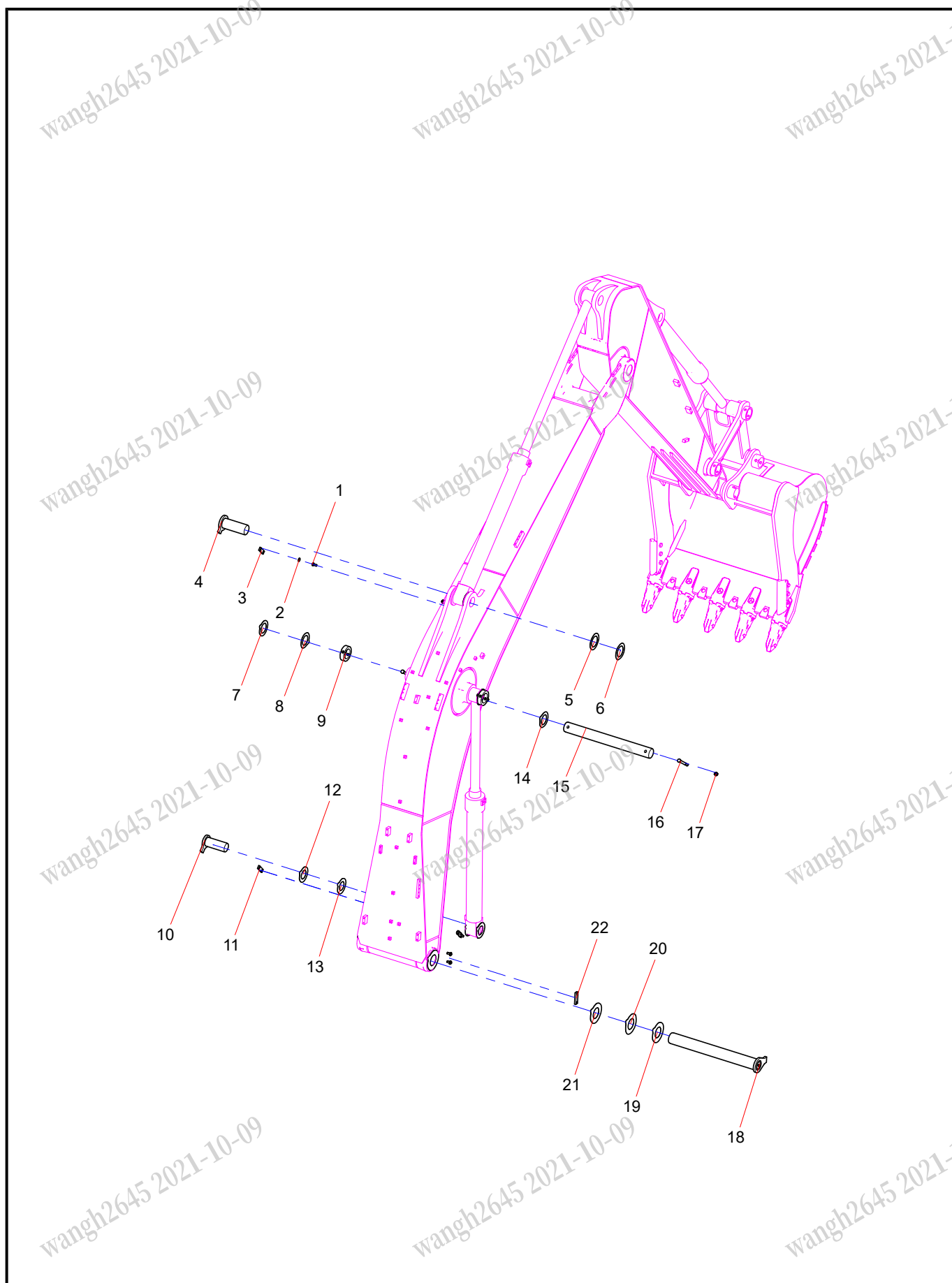
14221610 boom



3-4 work device hydraulic tube

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	B230101000534	Dust Ring	2	
2	14158717	Bushing	2	
3	14117523	boom	1	

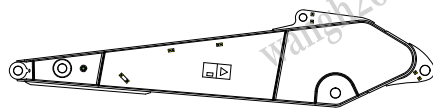
14221468 boom



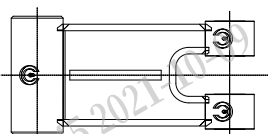
3-6 work device hydraulic tube

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210111000212	Bolt	8	
2	A210491000118	Washer	8	
3	A820101211710	Clamp	1	
4	A810312110063	Pin	1	
5	A820102010744	Spacer	2	
6	A820102010760	Adjusting Spacer	2	
7	11078567	Resin spacer	2	
8	11169586	Resin spacer	2	
9	A820101211704	Plate	2	
10	14158369	pin	2	
11	11274145	Clamp	2	
12	11112327	Gasket	4	
13	11041901	Gasket	4	
14	11166681	Resin spacer	2	
15	14124036	Pin	1	
16	A2101110000347	Bolt	2	
17	A210307000029	Nut	4	
18	A810303990036	Pin	1	
19	11166679	Resin spacer	1	
20	11078548	Resin spacer	2	
21	11561637	Resin Spacer	2	
22	11274177	Board	1	

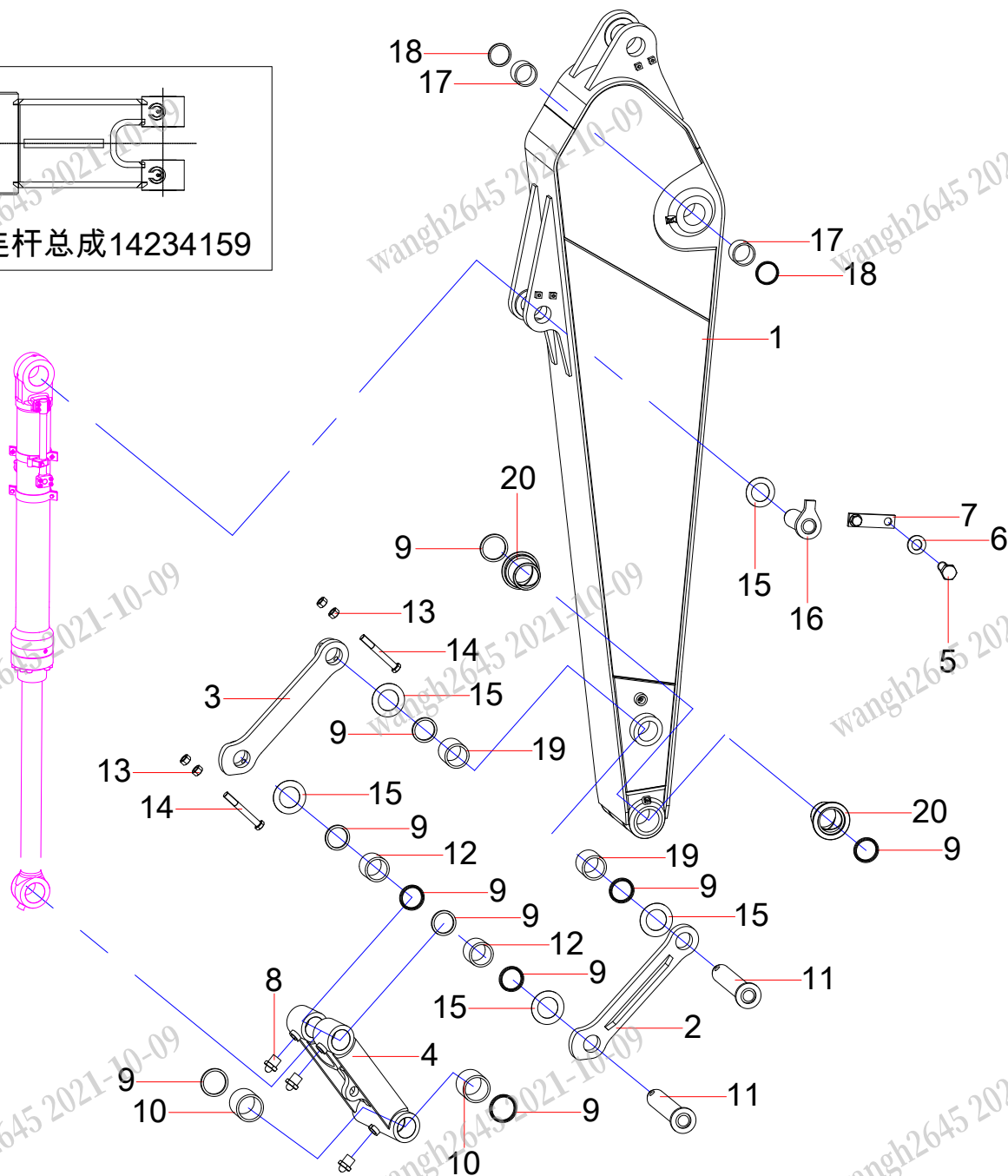
14221622 ARM



服务斗杆总成14234157



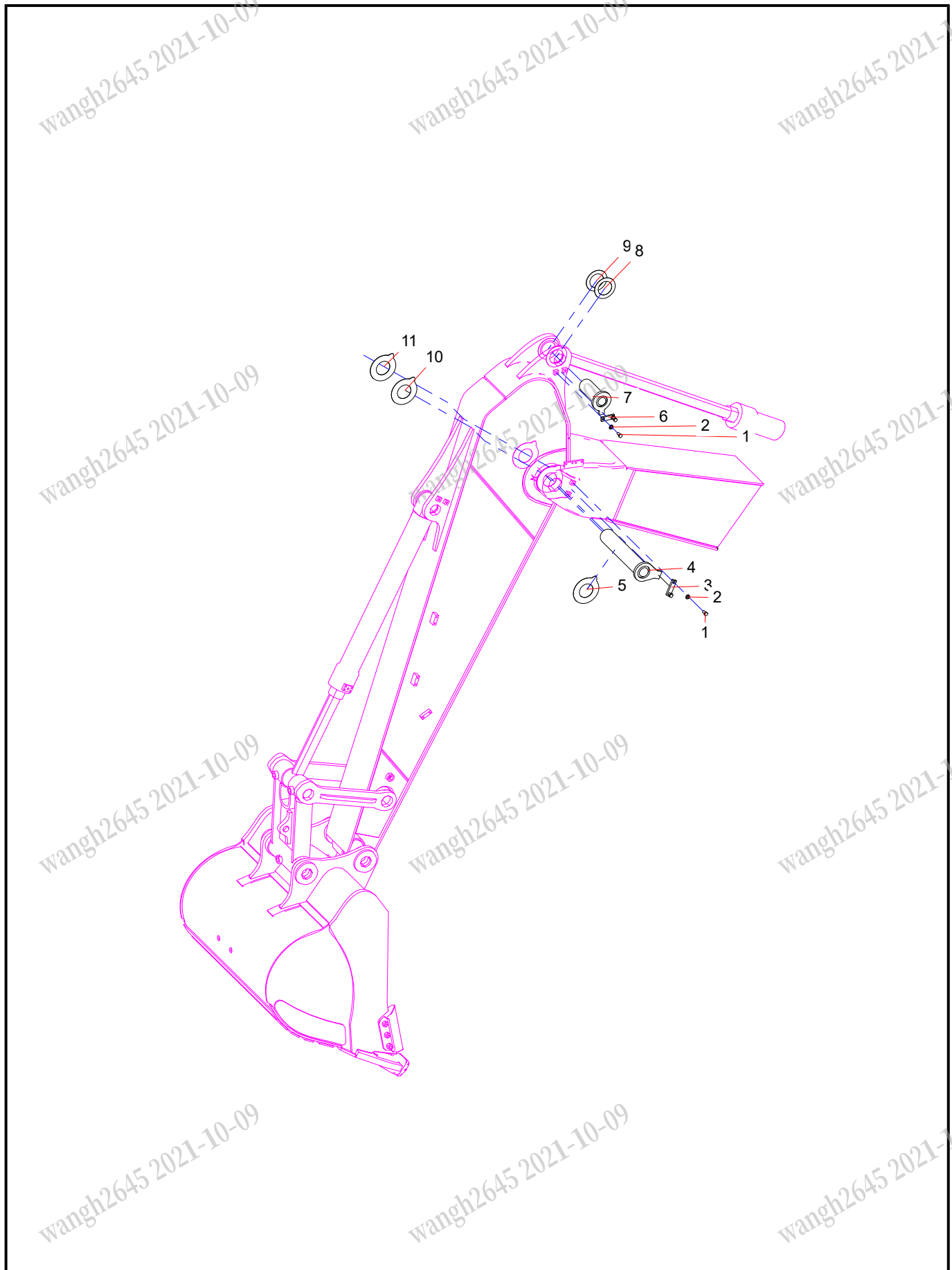
服务连杆总成14234159



3-8 work device hydraulic tube

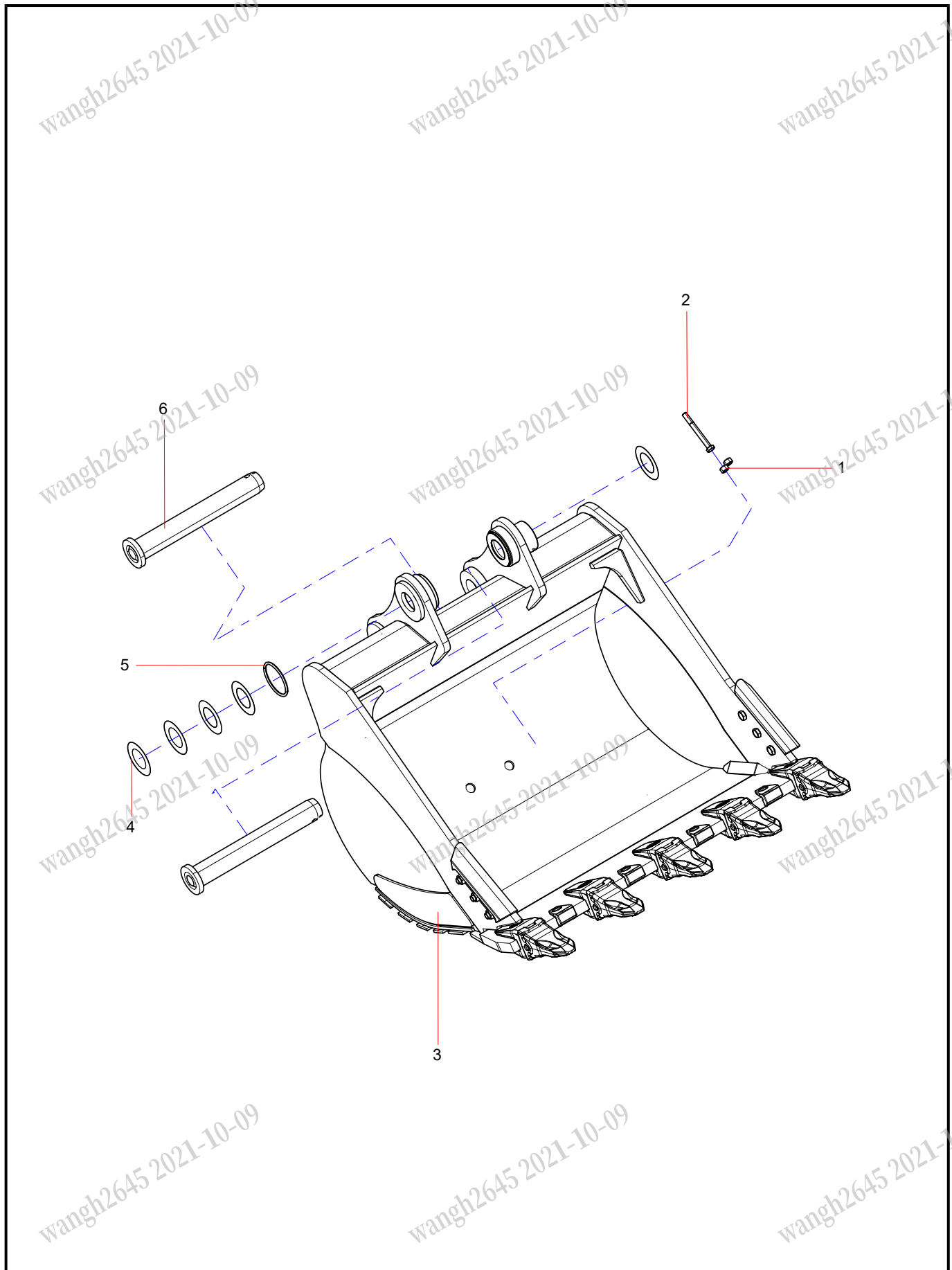
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14116205	Arm	1	
2	14117706	Right rocker	1	
3	14117705	Right rocker	1	
4	14117661	Connecting bar	1	
5	A210111000212	Bolt	2	
6	A210491000118	Washer	2	
7	A820101211710	Clamp	1	
8	B229900000686	Grease Joint	8	
9	60055872	O-ring	10	
10	A820202003320	Bushing	2	
11	14123745	Pin	2	
12	14124357	Shaft Sleeve	2	
13	A210307000029	Nut	4	
14	A210110000352	Bolt	2	
15	A820102010387	Gasket	20	
16	A810303990033	Pin	1	
17	13840155	Bushing	2	
18	B230101000534	Dust Ring	2	
19	A820202003323	Bushing	2	
20	13840151	Bushing	2	

14221491 ARM



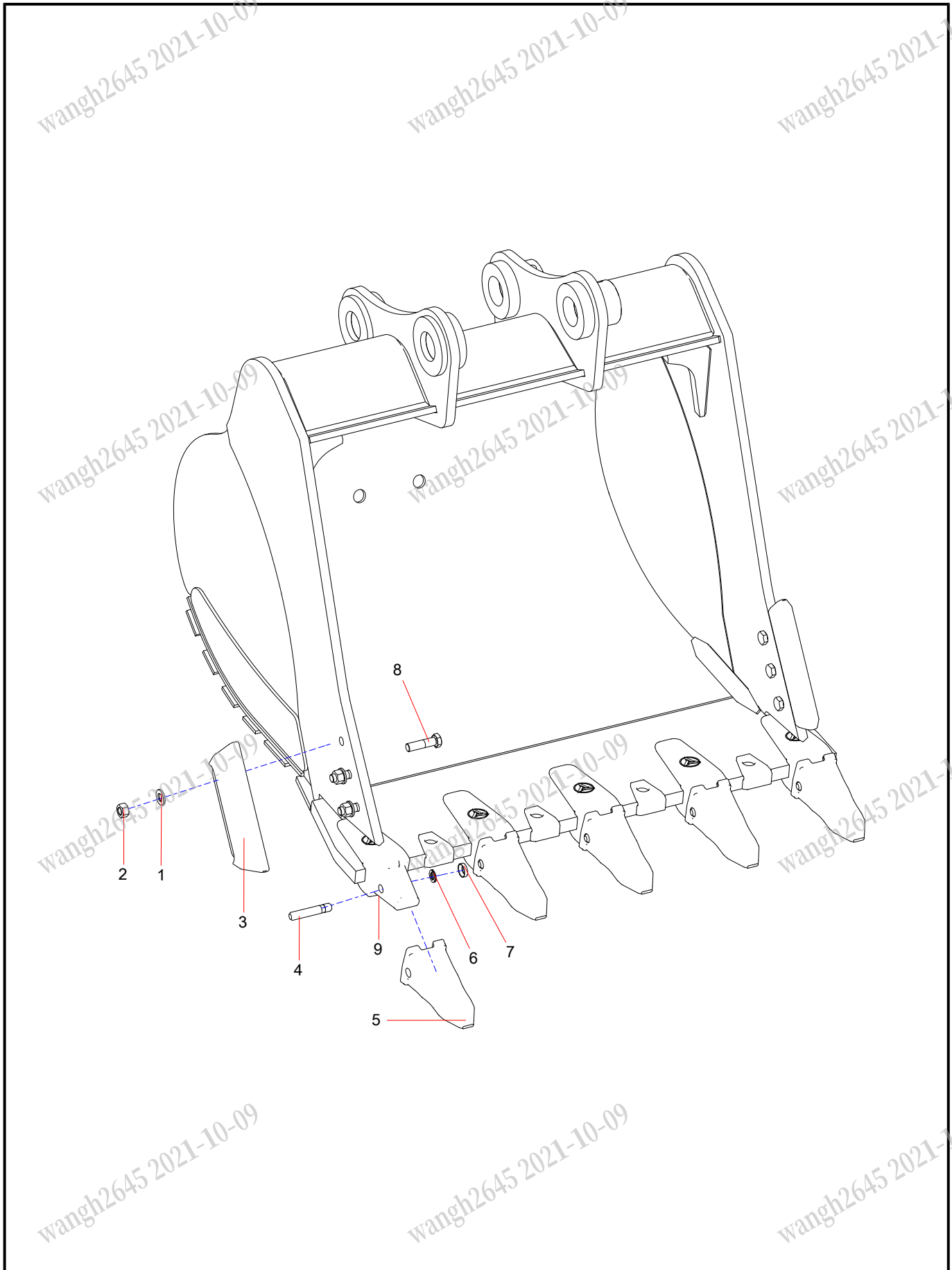
3-10 work device hydraulic tube

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210111000212	Bolt	4	
2	A210491000118	Washer	4	
3	A820101211702	Clamp	1	
4	14124031	Pin	1	
5	11166679	Resin spacer	1	
6	A820101211710	Clamp	1	
7	A810312110063	Pin	1	
8	A820102010744	Spacer	2	
9	A820102010760	Adjusting Spacer	2	
10	11078548	Resin spacer	2	
11	11561637	Resin Spacer	2	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210307000029	Nut	4	
2	A210110000347	Bolt	2	
3	14266916	1.70 Bucket	1	3-14
4	14123750	Pin	2	
5	A820102010387	Gasket	10	
6	A210608000108	O-Ring-149.5	2	

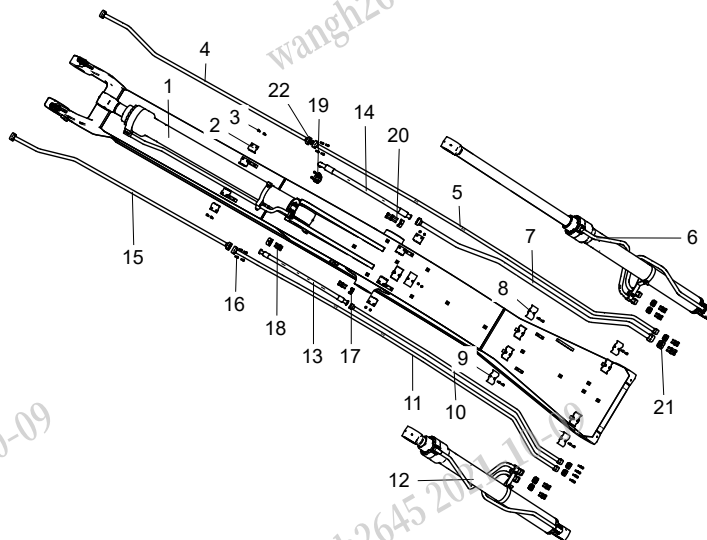
14266916 1.70 Bucket



3-14 work device hydraulic tube

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210491000122	Washer	6	
2	A210307000007	Nut	6	
3	11280631	Cutter, side	2	
4	SSY004779503	Pin	5	
5	14397242	Tooth of bucket	5	
6	SSY004785576	Clip	5	
7	SSY004786532	Shim	5	
8	A210110000427	Bolt	6	
9	12613489	base of tooth	1	

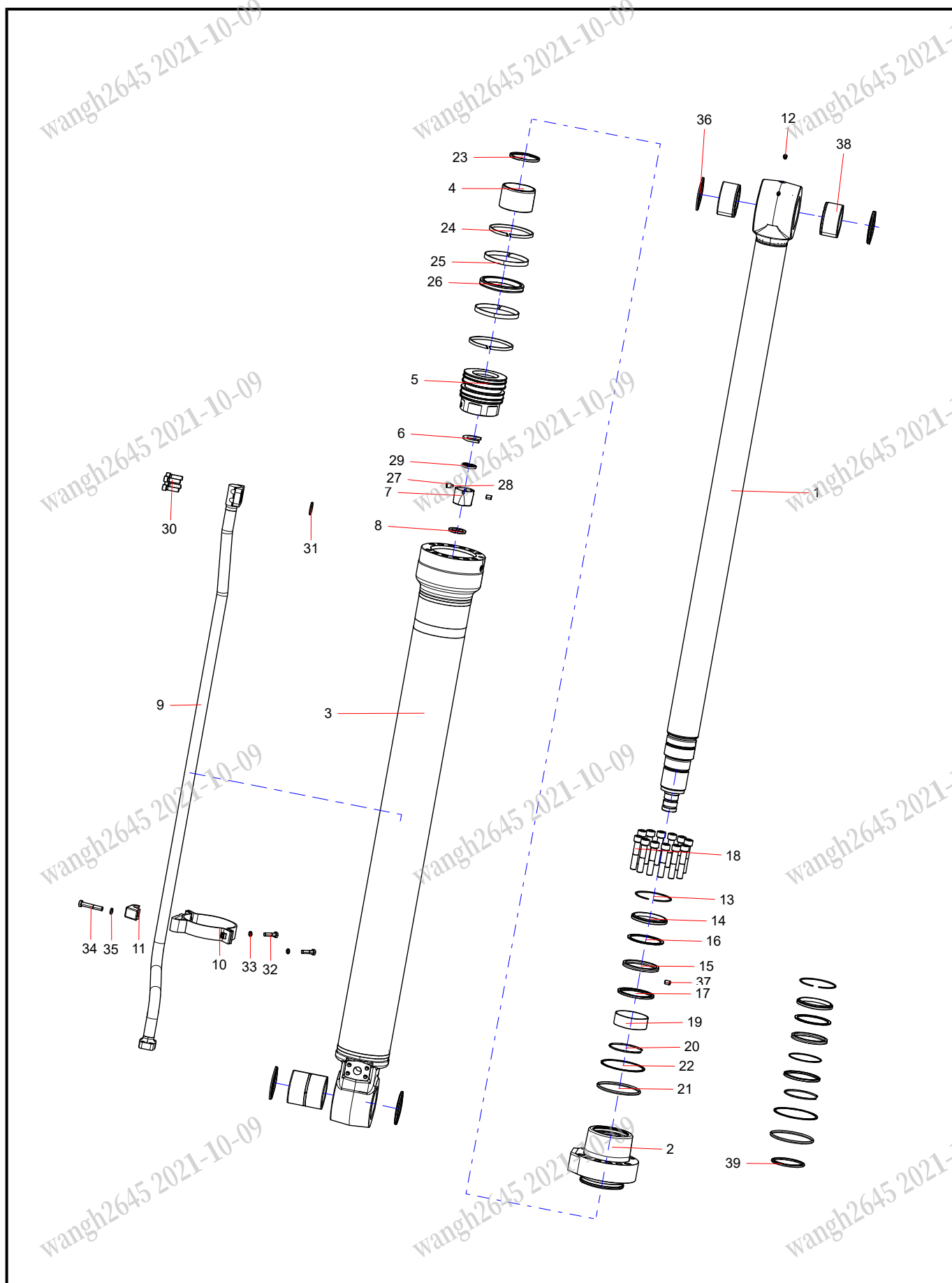
14219648 Boom work device tube



3-16 work device hydraulic tube

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	61005545	Arm cylinder assembly	1	3-18
2	13828499	plate	12	
3	21005186	Bolt	22	
4	14116805	Steel pipe assy	1	
5	14116801	Steel pipe assy	1	
6	61005544	Right boom cylinder	1	3-20
7	14116785	Steel pipe assy	1	
8	13505879	Pipe clip	6	
9	13881621	Pipe Clip	4	
10	14116792	Steel pipe assy	1	
11	14116798	Steel pipe assy	1	
12	61005546	Left derrick oil cylinder assembly	1	3-22
13	60016084	Rubber hose	1	
14	60159782	RubberHose	1	
15	14116807	Steel pipe assy	1	
16	A210204000355	Screw	40	
17	B210780000244	Split Flange	16	
18	A210204000462	Screw	8	
19	B210780000004	Split Flange	4	
20	A210204000353	Screw	8	
21	B210780000693	Flange, Split	4	
22	B230101000456	O-ring	1	

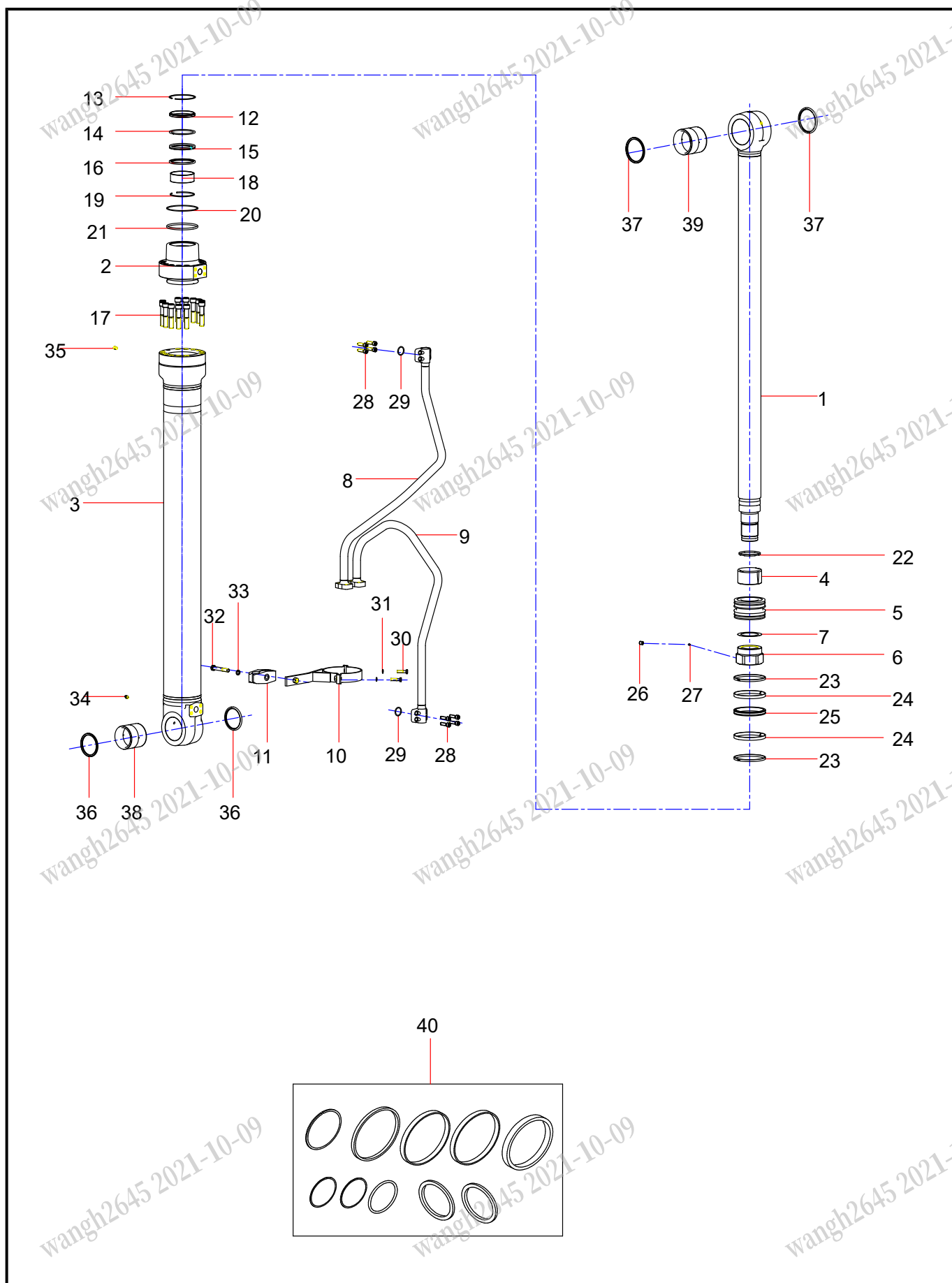
61005545 Arm cylinder assembly



3-18 work device hydraulic tube

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	61027198	Piston Rod	1	
2	61027201	End Cover	1	
3	61027204	Cylinder Body	1	
4	60153981	Bumper Sleeve	1	
5	61027215	Piston	1	
6	60169565	Clamp ring	1	
7	60065195	Rear Bumper Sleeve	1	
8	60065194	Retaining Ring	2	
9	61027217	Oil Pipe Component A	1	
10	61027220	Tube collar assembly	1	
11	61010210	Board	1	
12	A880899010003	Straight-through Pressure Oil Cup	2	
13	60306268	wiper scraper seal	1	
14	61027225	Retainer Ring	1	
15	60306266	obturating ring	1	
16	60154023	Retaining Ring	1	
17	61027226	Buffer ring	1	
18	A210204000049	Screw M20×100GB70.1-00	14	
19	60154010	shaft sleeve	1	
20	60306265	closing ring	1	
21	60306263	O-ring	1	
22	60153988	O-ring	1	
23	61027227	Buffering ring	1	
24	60153985	RING	2	
25	60306261	Guide ring	2	
26	60306260	obturating ring	1	
27	61027224	fastening screw	1	
28	60305774	Steel Ball	1	
29	61010216	Buffering Ring	1	
30	A210204000023	Screw	4	
31	B230101000215	O-ring	1	
32	61027228	Hexagon bolt	2	
33	60230179	Spring spacer	2	
34	A210110000012	Bolt	1	
35	60258931	spring washer	1	
36	60305754	Wiper Scraper Seal	4	
37	60342835	Plug	2	
38	60306229	Steel Jacket	4	
39	61027597	30T Bucket Cylinder Repair Kit	1	

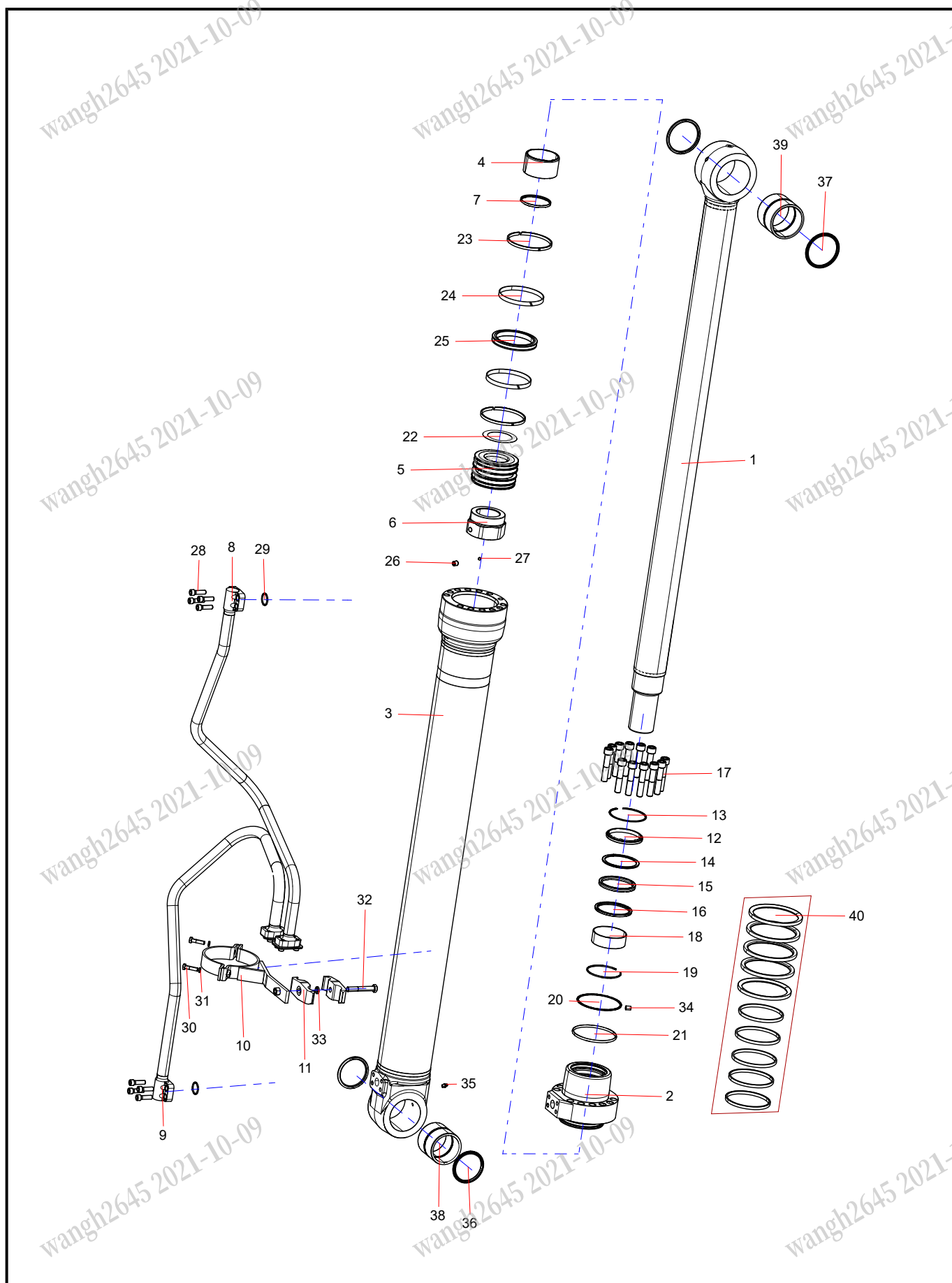
61005544 Right boom cylinder



3-20 work device hydraulic tube

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	61027196	Piston Rod	1	
2	61027199	End Cover	1	
3	61027202	Cylinder Body	1	
4	61010748	Bumper Sleeve	1	
5	60306252	Piston	1	
6	61027205	Nut	1	
7	61027206	spacer	1	
8	61027211	Right Oil Pipe Component A	1	
9	61027212	Right Oil Pipe Component B	1	
10	61027209	Tube collar assembly	1	
11	61027210	Board	2	
12	60306251	Wiper Scraper Seal	1	
13	61010211	Retainer Ring	1	
14	60306250	Obturating Ring	1	
15	60306249	Obturating Ring	1	
16	61010212	Buffer Ring	1	
17	61010749	Nut	12	
18	60208513	Sliding shaft sleeve	1	
19	60306248	Closing Ring	1	
20	60306247	Closing Ring	1	
21	60306246	O-ring	1	
22	61010751	Buffering Ring	1	
23	60065218	Ring	2	
24	60306243	Guide Ring	2	
25	60306242	Obturating Ring	1	
26	61010215	Fastening Screw	1	
27	21010039	Steel Ball	1	
28	A210204000023	Screw	8	
29	B230101000215	O-ring	2	
30	60325230	bolt	2	
31	60230179	Spring spacer	2	
32	A210110000032	Bolt	1	
33	61010237	Spring Washer	1	
34	A880899010003	Straight-through Pressure Oil Cup	1	
35	60342835	Plug	1	
36	60348519	Wiper Scraper Seal	2	
37	60305754	Wiper Scraper Seal	2	
38	61010753	Copper Sleeve	1	
39	61010752	Copper Sleeve	1	
40	60140866	30T Movable Arm Cylinder Repair Kit	1	

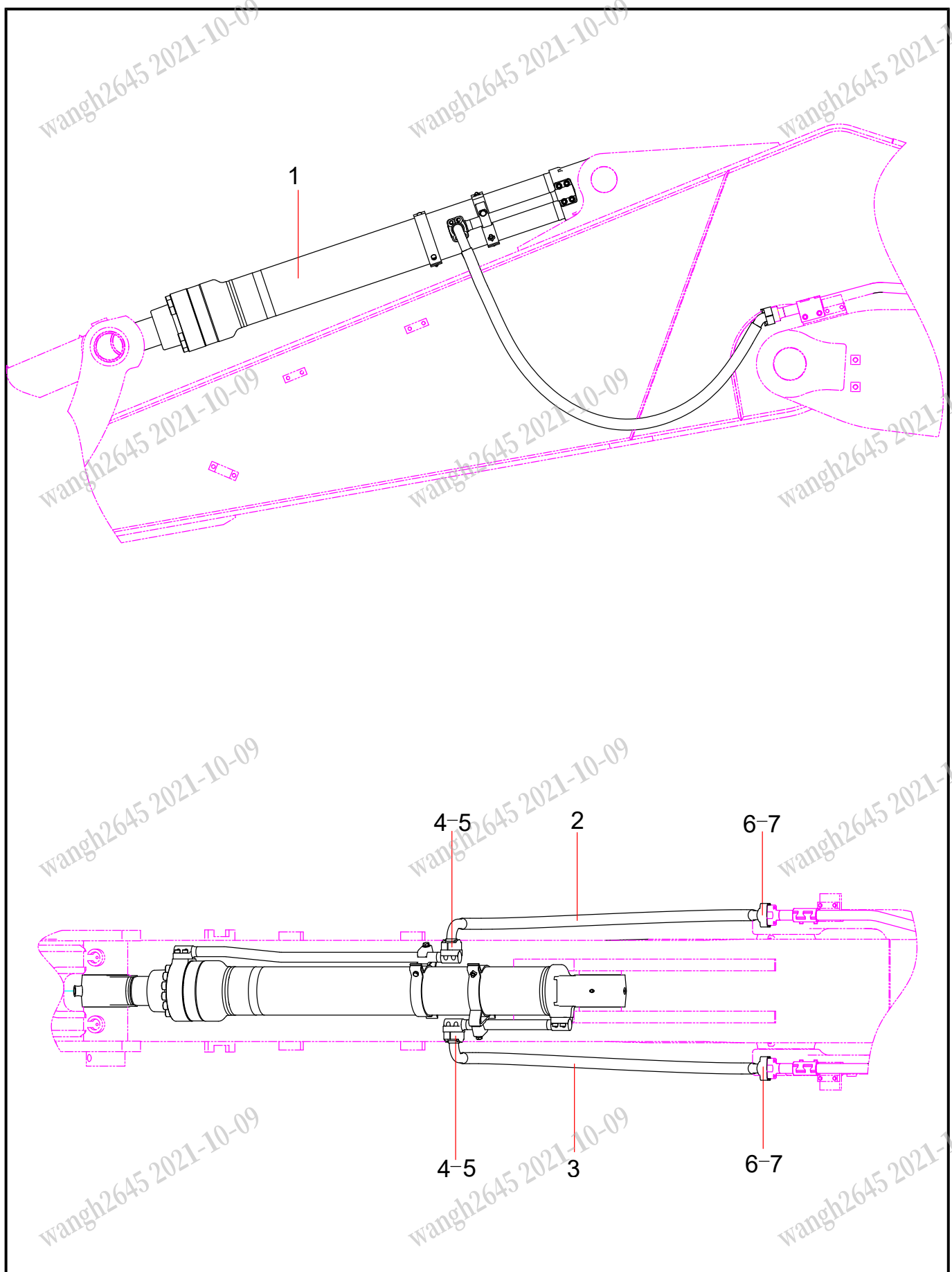
61005546 Left derrick oil cylinder assembly



3-22 work device hydraulic tube

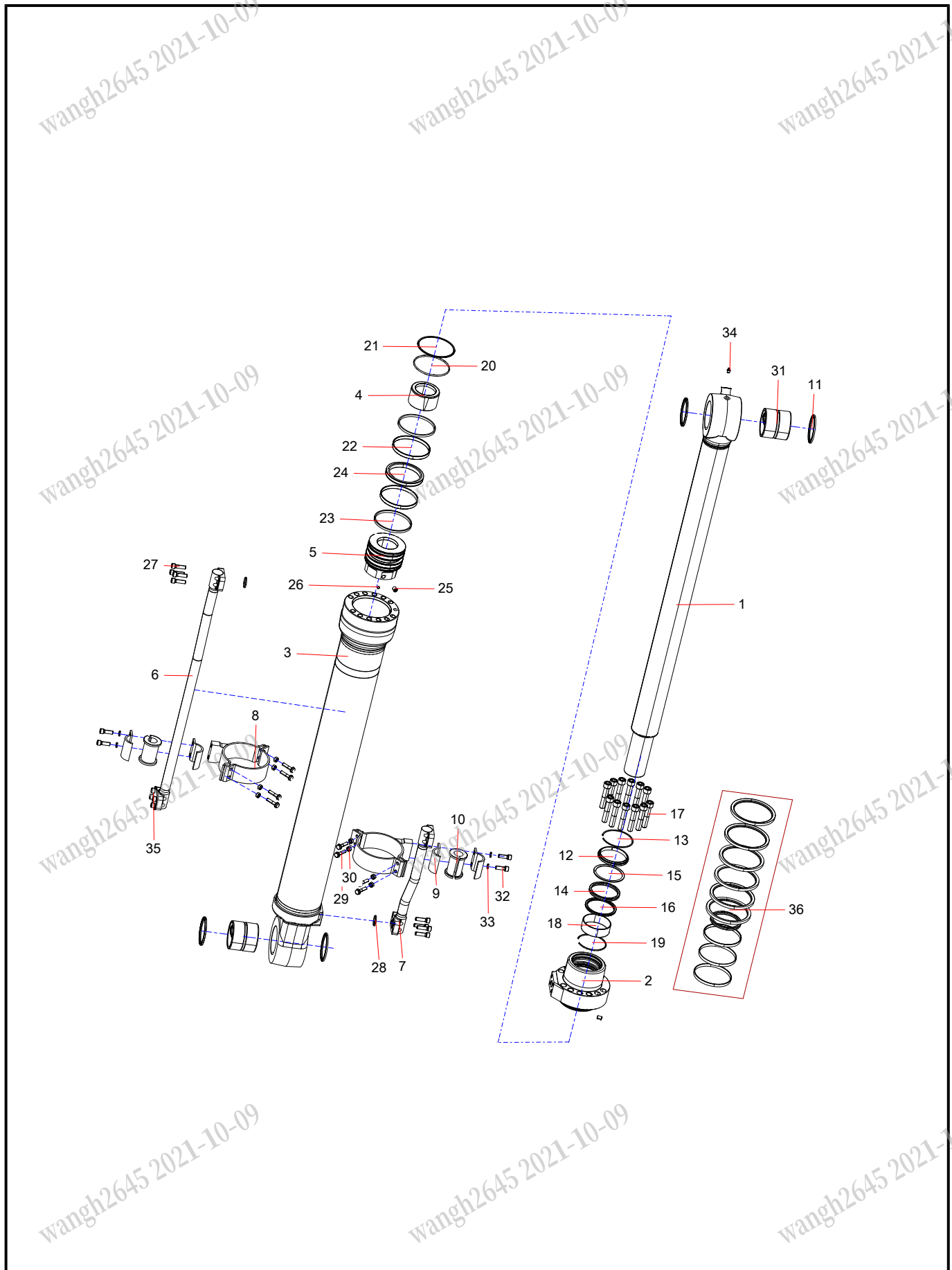
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	61027196	Piston Rod	1	
2	61027199	End Cover	1	
3	61027202	Cylinder Body	1	
4	61010748	Bumper Sleeve	1	
5	60306252	Piston	1	
6	61027205	Nut	1	
7	61027206	spacer	1	
8	61027207	Left Oil Pipe Component A	1	
9	61027208	Left Oil Pipe Component B	1	
10	61027209	Tube collar assembly	1	
11	61027210	Board	2	
12	60306251	Wiper Scraper Seal	1	
13	61010211	Retainer Ring	1	
14	60306250	Obturating Ring	1	
15	60306249	Obturating Ring	1	
16	61010212	Buffer Ring	1	
17	61010749	Nut	12	
18	60208513	Sliding shaft sleeve	1	
19	60306248	Closing Ring	1	
20	60306247	Closing Ring	1	
21	60306246	O-ring	1	
22	61010751	Buffering Ring	1	
23	60065218	Ring	2	
24	60306243	Guide Ring	2	
25	60306242	Obturating Ring	1	
26	61010215	Fastening Screw	1	
27	21010039	Steel Ball	1	
28	A210204000023	Screw	8	
29	B230101000215	O-ring	2	
30	60325230	bolt	2	
31	60230179	Spring spacer	2	
32	A210110000032	Bolt	1	
33	61010237	Spring Washer	1	
34	A880899010003	Straight-through Pressure Oil Cup	1	
35	60342835	Plug	1	
36	60348519	Wiper Scraper Seal	2	
37	60305754	Wiper Scraper Seal	2	
38	61010753	Copper Sleeve	1	
39	61010752	Copper Sleeve	1	
40	60140866	30T Movable Arm Cylinder Repair Kit	1	

14215262 Rrm work device tube



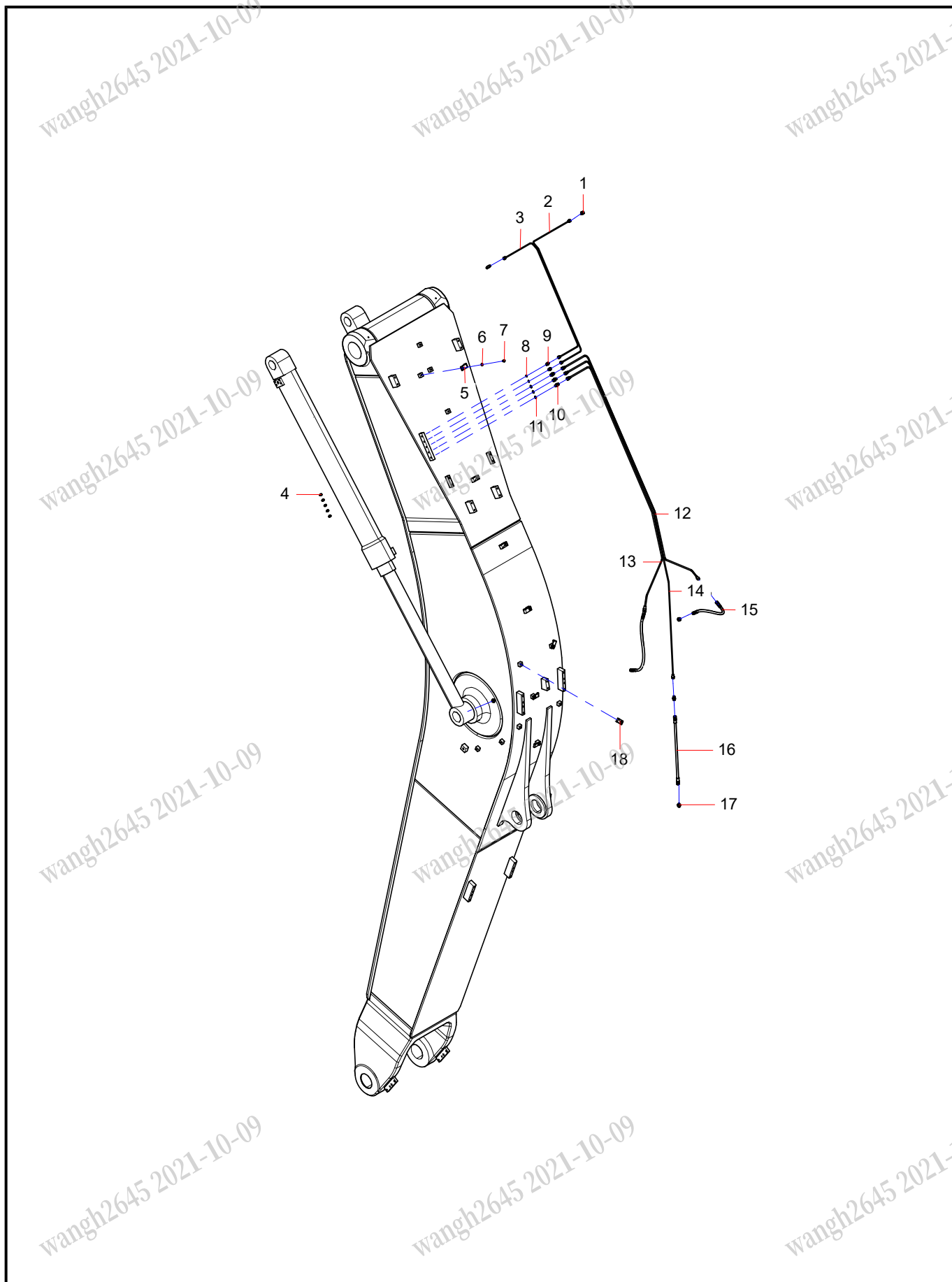
3-24 work device hydraulic tube

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	61005542	Bucket cyclinder	1	3-26
2	61012252	Rubber hose	1	
3	61012253	Rubber hose	1	
4	A210204000462	Screw	8	
5	B210780000004	Split Flange	4	
6	A210204000355	Screw	8	
7	B210780000244	Split Flange	4	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	61027197	Piston Rod	1	
2	61027200	End Cover	1	
3	61027203	Cylinder Body	1	
4	61027213	Bumper Sleeve	1	
5	61027214	Piston	1	
6	61027216	Oil Pipe Component A	1	
7	61027218	Oil Pipe Component B	1	
8	61027219	Tube collar assembly	2	
9	61027221	Board	4	
10	61027222	washer	2	
11	61010222	Wiper Scraper Seal	4	
12	60306251	Wiper Scraper Seal	1	
13	61010211	Retainer Ring	1	
14	60306249	Obturating Ring	1	
15	60306250	Obturating Ring	1	
16	61010212	Buffer Ring	1	
17	60022043	Screw	12	
18	60208513	Sliding shaft sleeve	1	
19	60306248	Closing Ring	1	
20	60306246	O-ring	1	
21	60306247	Closing Ring	1	
22	60065218	Ring	2	
23	60306243	Guide Ring	2	
24	60306242	Obturating Ring	1	
25	61027223	fastening screw	1	
26	60305757	Steel Ball	1	
27	60325221	bolt	8	
28	B230101000215	O-ring	2	
29	A210111000120	Bolt	8	
30	21001328	Washer	8	
31	60337164	Sleeve, shaft	2	
32	A210204000206	Screw	4	
33	60258931	spring washer	4	
34	A880899010003	Straight-through Pressure Oil Cup	1	
35	60342835	Plug	1	
36	60140865	30T Bucket Cylinder Repair Kit	1	

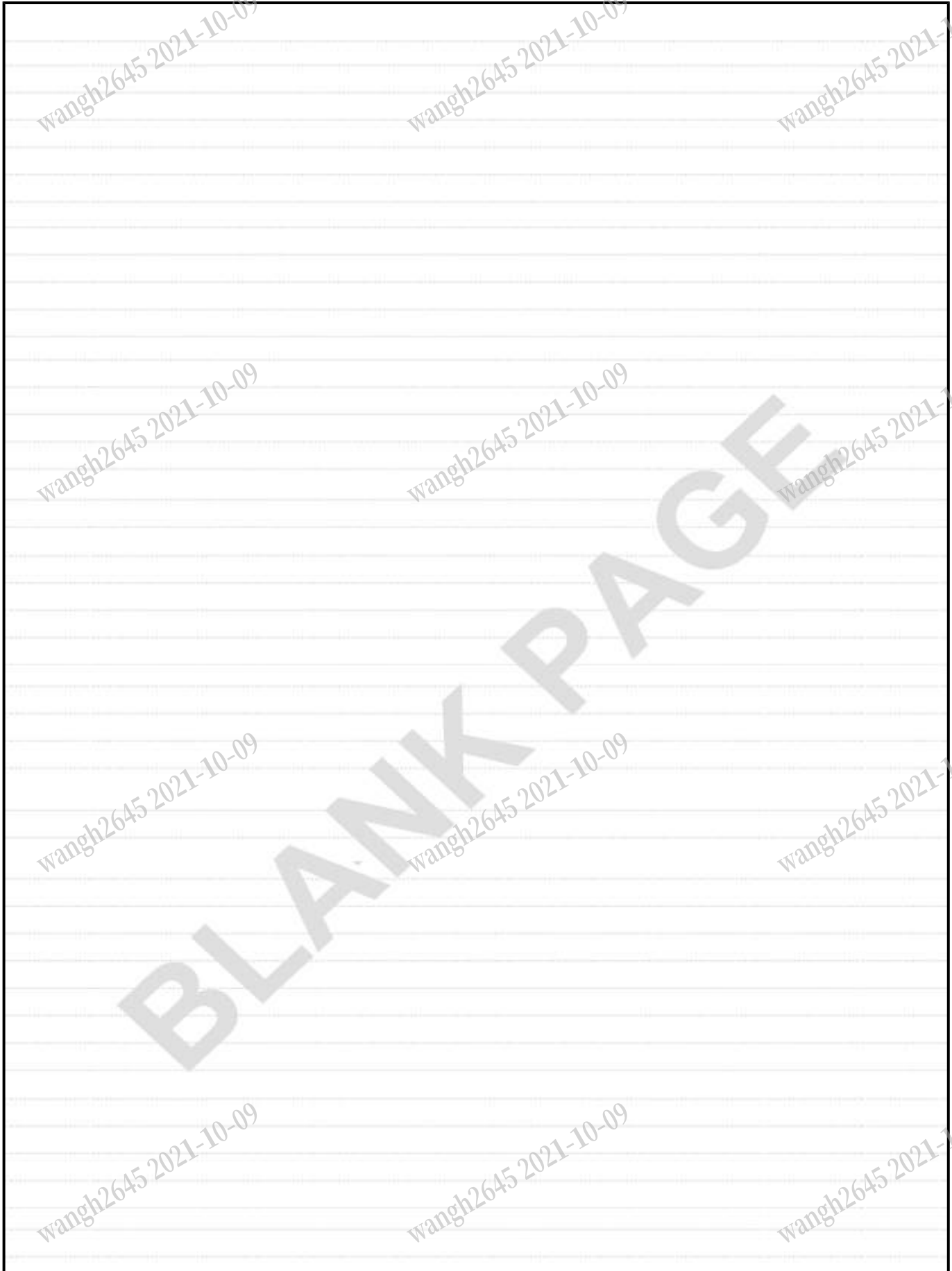
14157567 Lubricating circuit



3-28 work device hydraulic tube

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	11102369	Fitting	2	
2	14124238	pipe	1	
3	14124235	pipe	1	
4	B229900000379	Grease Joint	5	
5	A820101216696	Three-tube Clamp	4	
6	24000633	Washer	8	
7	A210111000348	Bolt	8	
8	A210434000005	Washer	2	
9	11102367	Fitting	2	
10	11102368	Fitting	6	
11	A210434000007	Washer	3	
12	11378273	Butter pipe	1	
13	11378314	Butter pipe	1	
14	14124241	pipe	1	
15	B230103000811	Hose	2	
16	B230103000815	Hose	1	
17	A820205000858	Fitting	3	
18	A820101216692	Single Tube Clamp	4	

14157567 Lubricating circuit

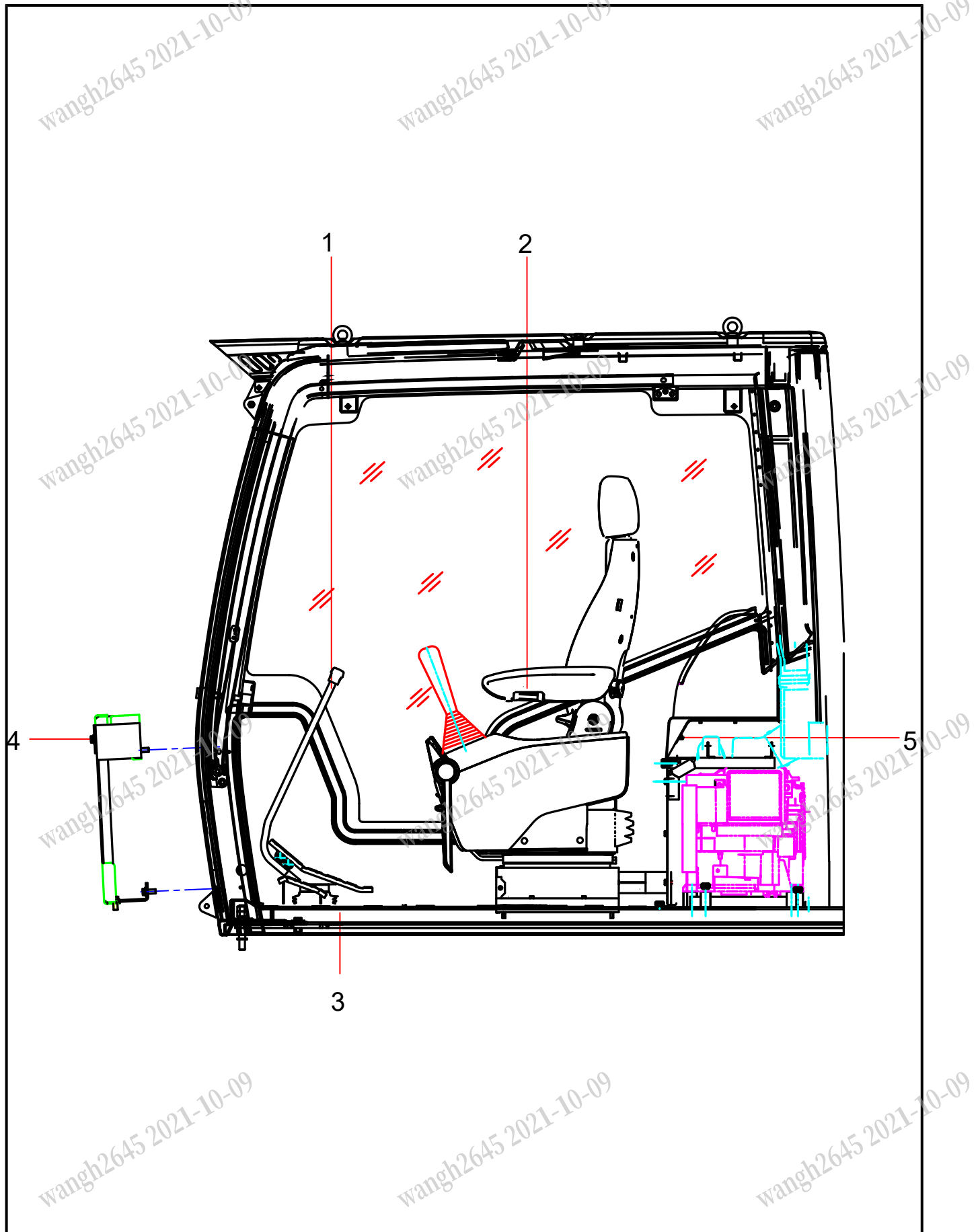


3-30 work device hydraulic tube

Group 4

Cab

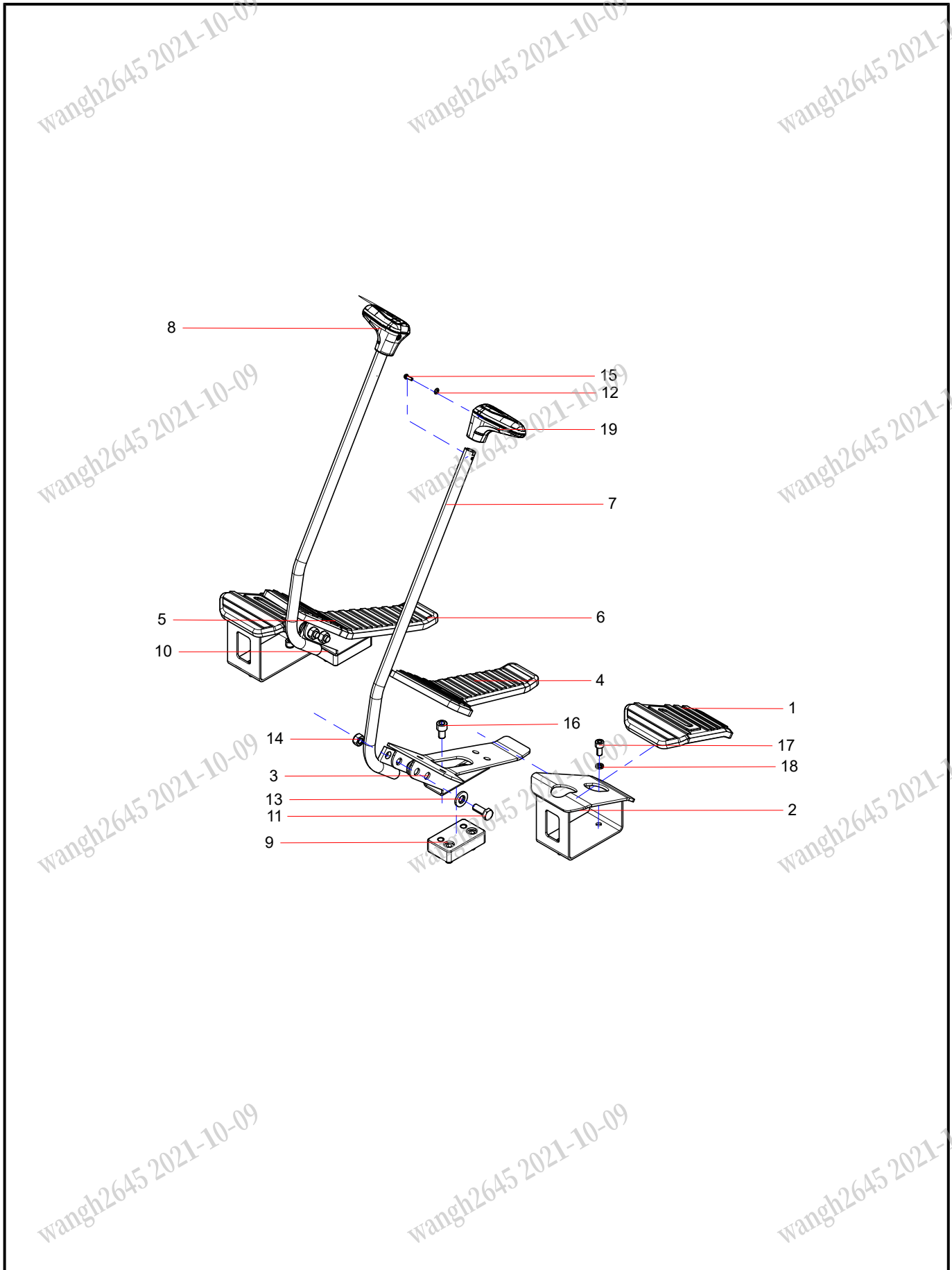
SSY004969359 Cab



4-2 Cab

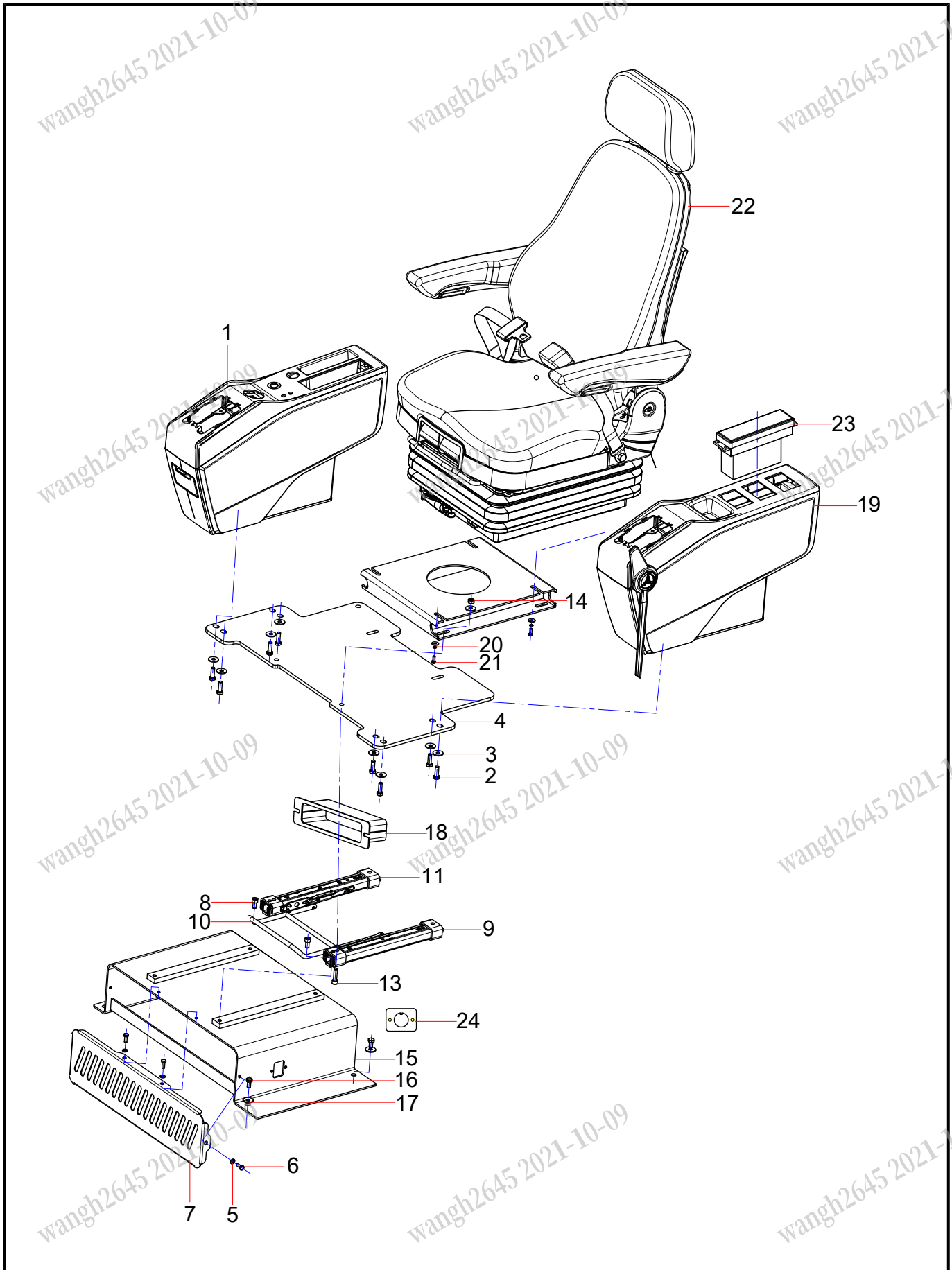
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	12076176	Valve, pilot	1	4-4
2	14032993	Seat and controlbox	1	4-6
3	14024776	Bottom board rack of cab	1	4-12
4	13874081	Yangzi cab protective net	1	4-14
5	SSY004969283	Cab	1	4-16

12076176 Valve, pilot



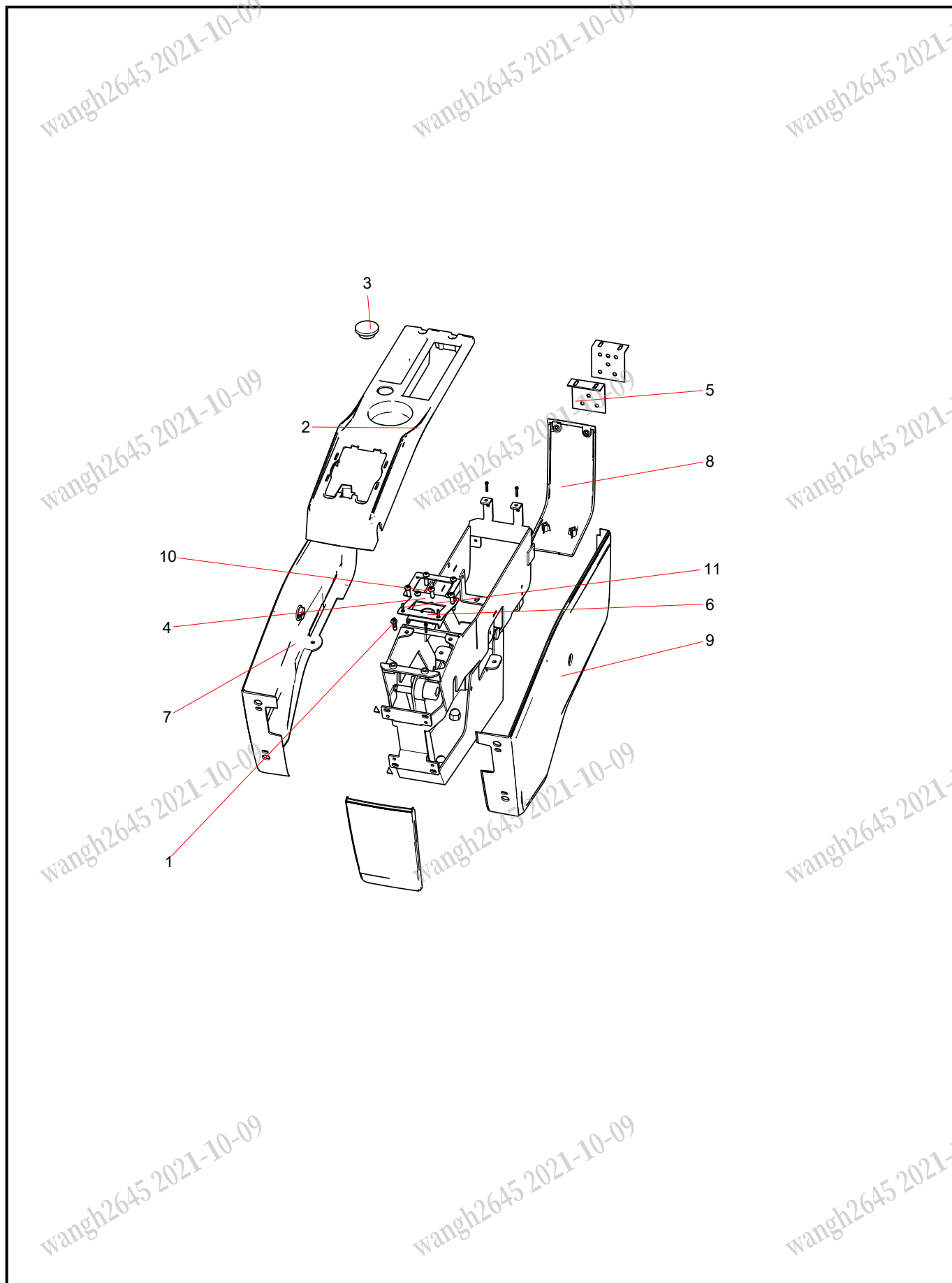
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	12002592	Pedal Sleeve	2	
2	12004584	Pedal	2	
3	12003641	Left Backup Plate of Pedal	1	
4	12009258	Left Backup Sleeve of Pedal	1	
5	12009972	Right Backup Plate of Pedal	1	
6	12010268	Right Backup Sleeve of Pedal	1	
7	13162846	Control Lever	2	
8	12691132	Right Handle	1	
9	11571909	Block	2	
10	A210204000313	Screw	4	
11	A210111000197	Bolt	4	
12	60060562	Washer	2	
13	A210491000120	Washer	4	
14	A210307000036	Nut	4	
15	A210210000030	Screw	2	
16	A210204000334	Screw	4	
17	A210204000340	Screw	4	
18	24000511	Washer	4	
19	12688927	Left Handle	1	

14032993 Seat and controlbox



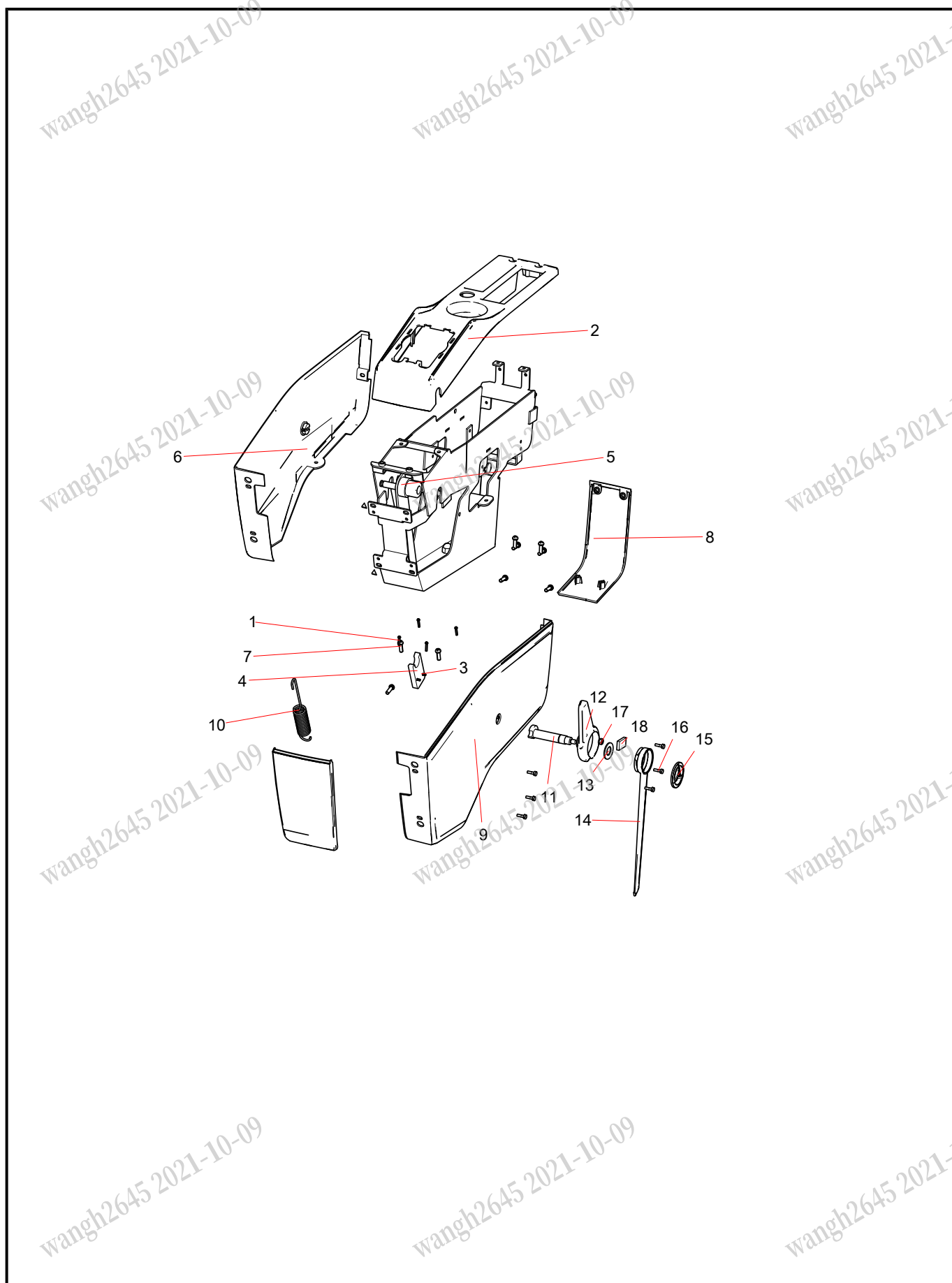
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	61017616	C10 right armrest box assembly	1	4-8
2	A210111000323	Bolt	8	
3	60060565	Washer	20	
4	SSY005110245	Supporting Plate	1	
5	24000632	Washer	6	
6	A210111000079	Bolt	8	
7	10140450	Electric Assembly Front Cover Base Rack	1	
8	A210204000340	Screw	4	
9	60313915	Left Rail Guide	1	
10	B229900000494	Seat Lock Rod	1	
11	60313916	Right Rail Guide	1	
13	24000431	Screw	4	
14	A210307000012	Nut	4	
15	14051821	Seat lower base frame	1	
16	A210111000342	Bolt	4	
17	60238783	Washer	2	
18	10241175	Air Duct Connection Flange	1	
19	61017619	C10 left armrest box assembly	1	4-10
20	24000511	Washer	4	
21	A210111000343	Bolt	4	
22	130903000043B	Mechanical suspension seat	1	
23	60240844	Control Panel	1	
24	14051815	Installation plate	1	

61017616 C10 right armrest box assembly



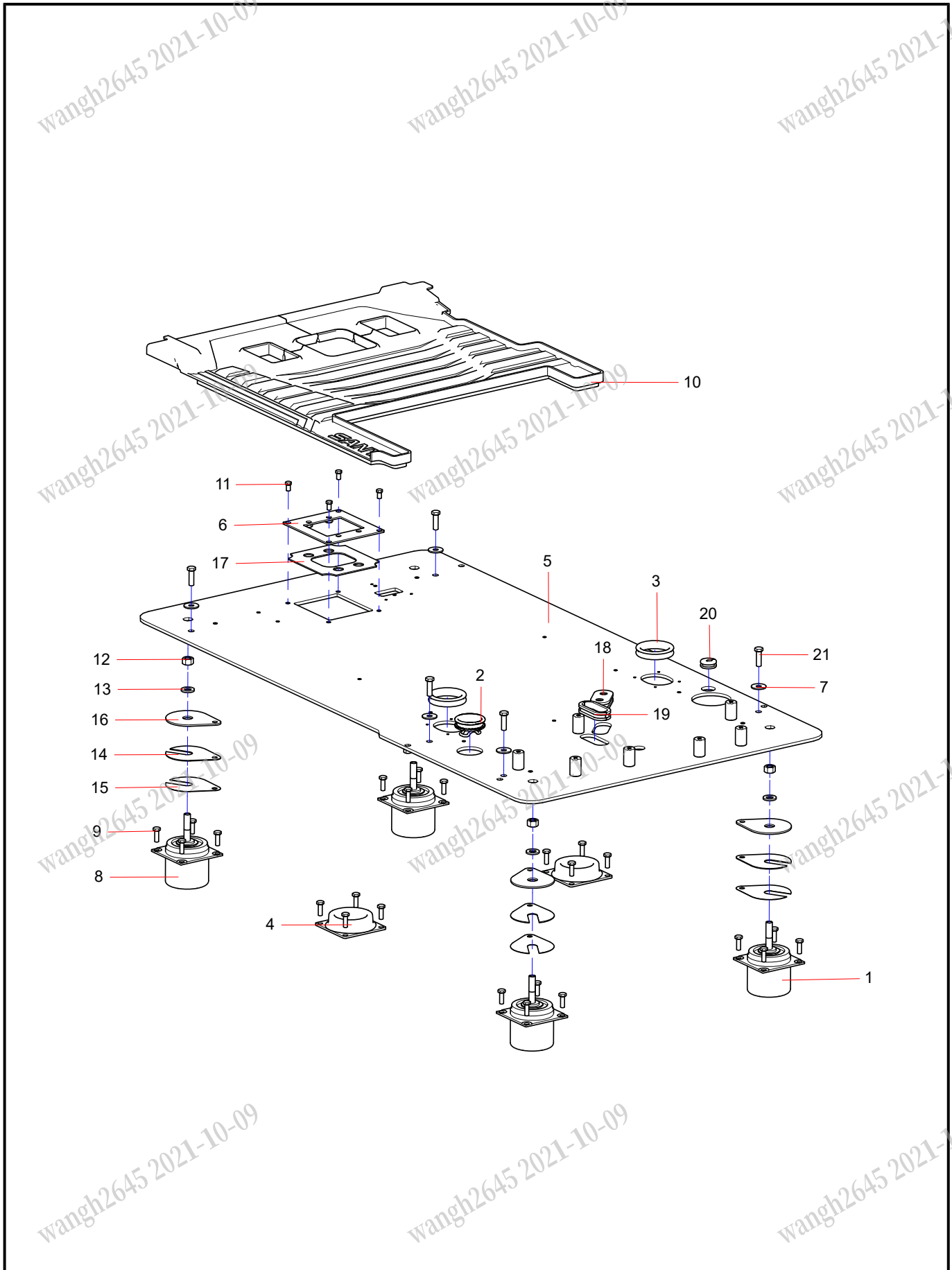
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60342436	BOLT	4	
2	130904000014A002	Right armrest box cover	1	
3	60349201	Rubber plug	1	
4	130904000014A004	Connecting plate	1	
5	60349198	Radio support	2	
6	60349197	Fixed support	1	
7	130904000014A003	Right steel frame assembly	1	
8	130904000014A006	Right shell	1	
9	130904000014A005	Decorating plate	1	
10	60272784	Screw	9	
11	60272789	Screw	2	

61017619 C10 left armrest box assembly



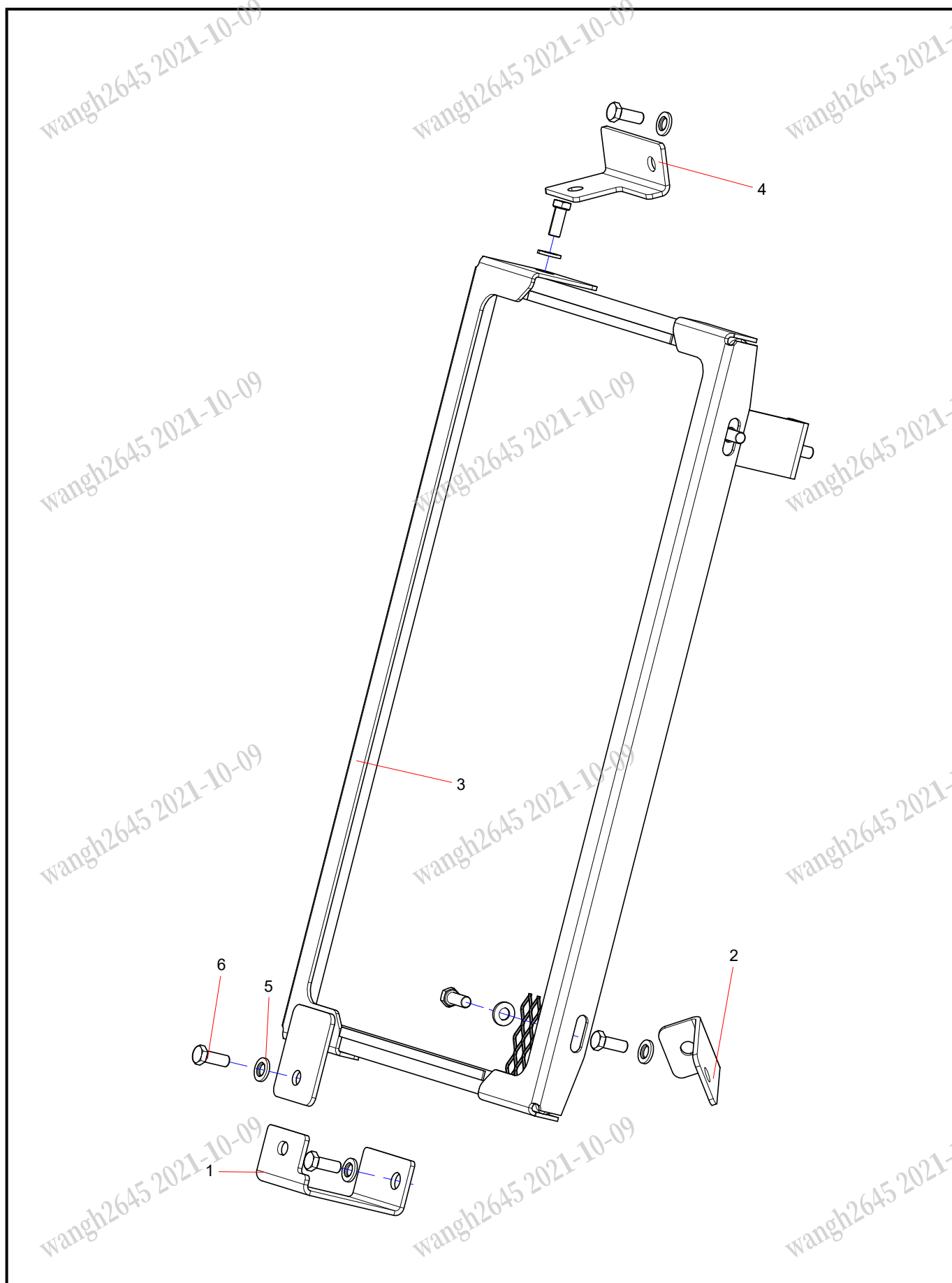
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60342436	BOLT	4	
2	130904000014A007	Left armrest box cover	1	
3	A210210000012	Screw	2	
4	60349199	Pressure plate	1	
5	60309921	Microswitch	1	
6	130904000014A001	Left steel frame assembly	1	
7	60272784	Screw	9	
8	130904000014A006	Right shell	1	
9	130904000014A005	Decorating plate	1	
10	60349195	Spring	1	
11	60349206	Rotating shaft	1	
12	60349186	Safety handle	1	
13	60349202	Pressure plate	1	
14	60349187	Safety handle bar	1	
15	60349188	Round Cover	1	
16	60272789	Screw	13	
17	A210307000055	Nut	1	
18	60349196	Flat key	1	

14024776 Bottom board rack of cab



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	B229900000245	Cab Shock Absorber	2	
2	A820606030059	Grommet	1	
3	A820606030056	Grommet	2	
4	12827984	Rubber Pad	2	
5	14024751	Base Plate	1	
6	A810402050021	Connecting Plate	1	
7	60060548	Washer	5	
8	B229900000244	Cab Shock Absorber	2	
9	A210111000024	Bolt	24	
10	14451473	floor cushion	1	
11	A210111000195	Bolt	4	
12	A210307000028	Nut	4	
13	A210491000118	Washer	4	
14	11594064	Shim	4	
15	11593942	Gasket	4	
16	11546613	Cushion Board	4	
17	11937141	Foot Valve Seal	1	
18	11963757	Airproof Rubber Sleeve I	1	
19	11963758	Airproof Rubber Sleeve II	1	
20	14164893	Rubber sleeve II	1	
21	A210111000204	Bolt	5	

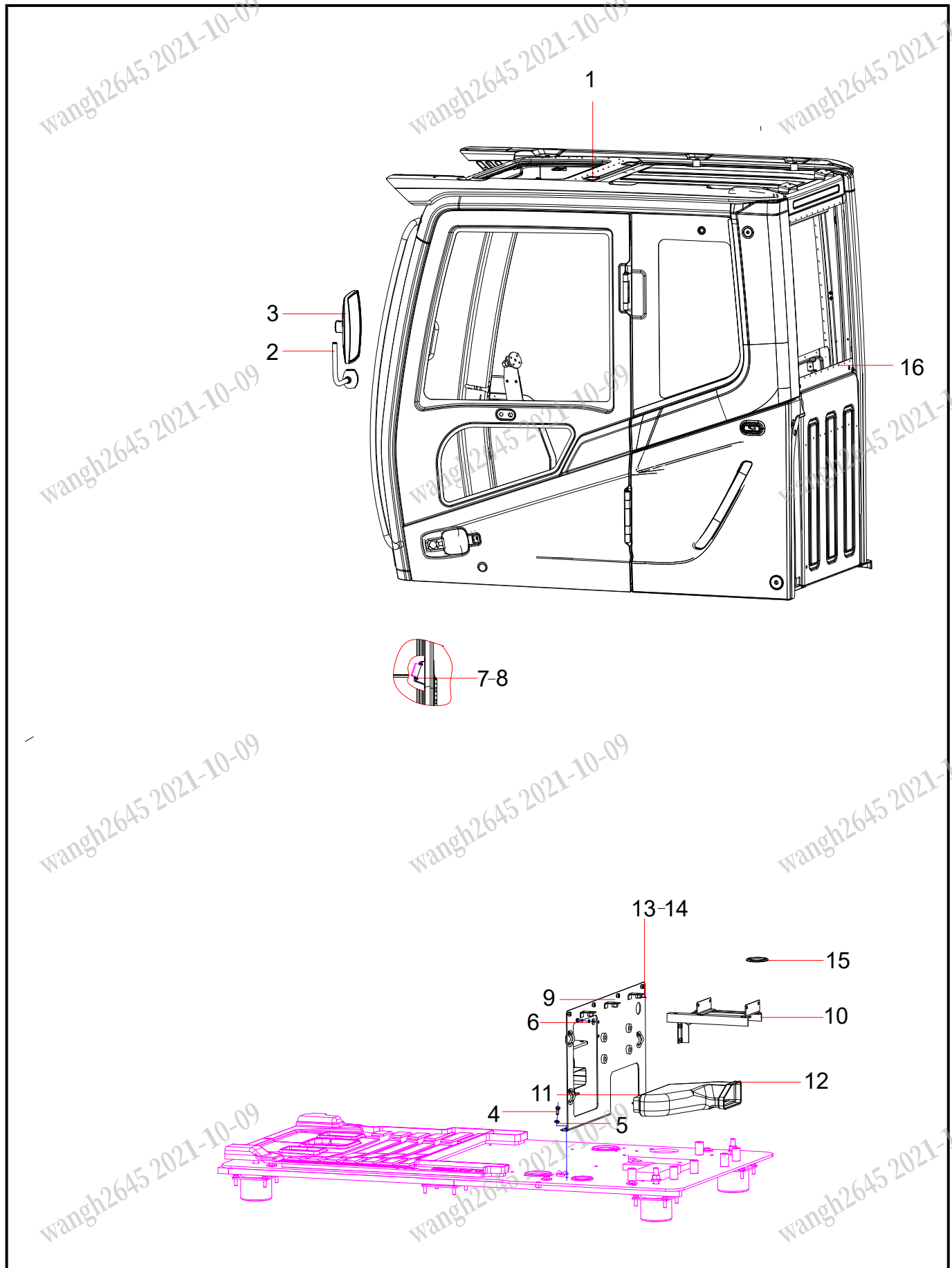
13874081 Yangzi cab protective net



4-14 Cab

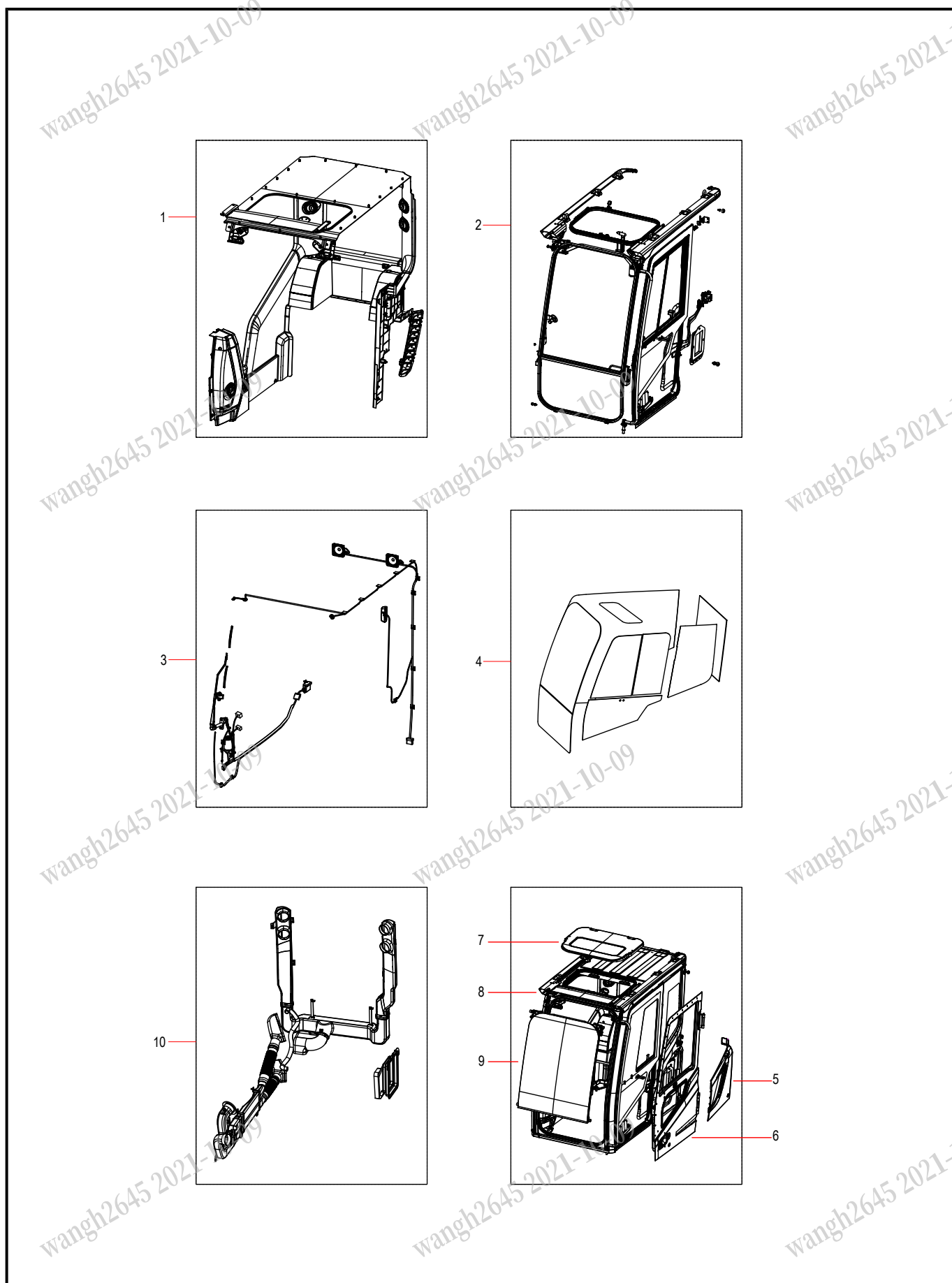
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13874107	Left central bracket	1	
2	13845433	lower support	2	
3	13842251	Cab front lower guard mesh	1	
4	13874108	Right central bracket	1	
5	A210491000121	Washer	8	
6	A210111000202	Bolt	8	

SSY004969283 Cab



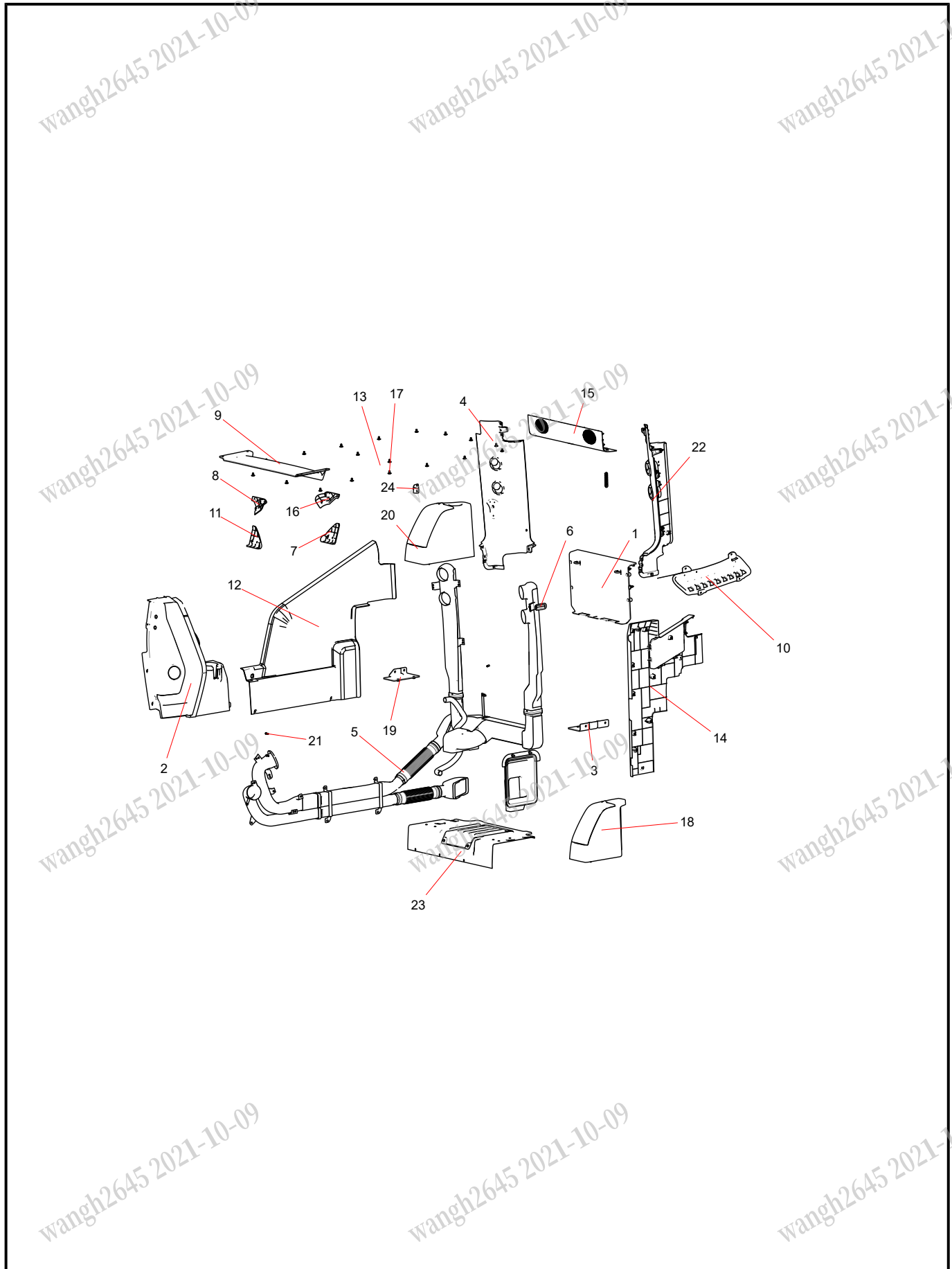
4-16 Cab

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	130901000228A	Cab	1	4-18
2	13558289	Bracket for Rear View Mirror	1	
3	130907000157A	Mirror,Rear	1	
4	A210111000343	Bolt	15	
5	60060565	Washer	15	
6	A210401000017	Washer	8	
7	A210204000132	Screw	2	
8	60238783	Washer	2	
9	14024438	frame	1	
10	14024249	ECU fixed bracket	1	
11	10567493	Foot Blowing Air Duct Sealing Sponge	1	
12	A229900010630	Foot Blowing Air Duct	1	
13	60060562	Washer	1	
14	A210210000030	Screw	1	
15	11243401	Rubber Sleeve	1	
16	61017060	Simple dry power fire extinguisher	1	



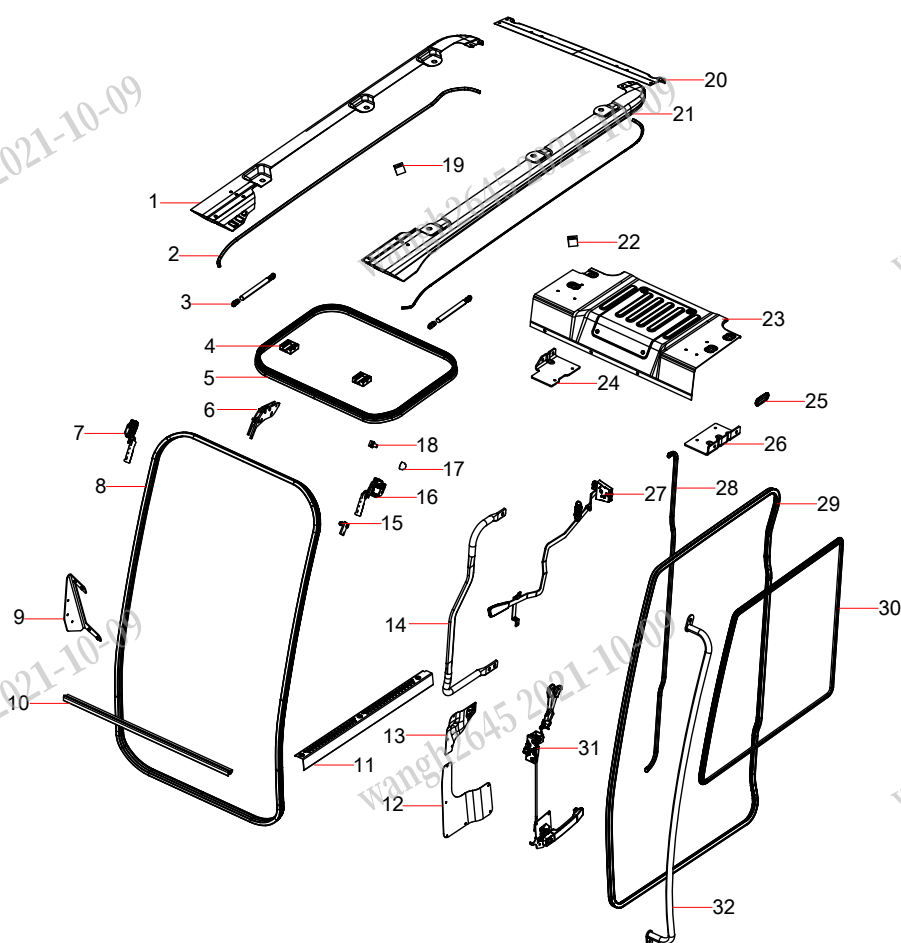
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13122441	ASSY trim	1	4-20
2	SSY005619102	Accessories assembly	1	4-22
3	SSY005619187	Electric system assembly of cab	1	4-26
4	130901000163A045	Glass assembly of cab	1	4-28
5	130901000163A046	Small door assembly	1	
6	130901000163A047	Door assembly	1	4-30
7	130901000163A048	Skylight assembly	1	4-32
8	13113831	body assmembly of cab	1	4-34
9	130901000163A049	Front window assembly	1	4-36
10	13114987	vane assy	1	4-38

13122441 ASSY trim

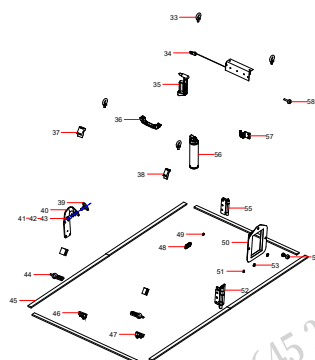


4-20 Cab

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13114545	back doceration plate	1	
2	13108565	Front, control, box, assy	1	
3	13344165	Left-hand wall inner support assm	1	
4	13110918	R C column decoration plate	1	
5	13114987	vane assy	1	
6	13110441	Cab small door Rubber Sleeve	1	
7	13110916	Left Front window lock lower cover plate	1	
8	13110945	Right Front window lock upper cover plate	1	
9	13111953	rain decorating plate	1	
10	13111510	air intake grille	1	
11	13111244	Right Front window lock lower cover plate	1	
12	13109258	Right-hand wall decorating plate assembly	1	
13	13122405	decoration plate of roof	1	
14	13112391	Left side wall assembly	1	
15	13122410	Back doceration plate	1	
16	13110673	Left Front window lock upper cover plate	1	
17	13122395	clock	20	
18	13122334	Left Storage box Assembly	1	
19	13345260	Right-hand wall inner support assembly	1	
20	13122423	Right Storage box assembly	1	
21	A210210000017	Screw	23	
22	13110969	L C column decoration plate	1	
23	13114403	plate of air control	1	
24	13112400	C column plate	1	

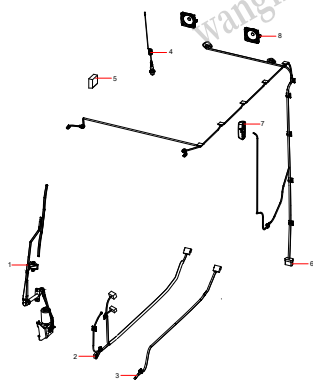


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13115066	decorating part of right lamp	1	
2	61003862	Rubber strip	2	
3	13114817	Air Spring	2	
4	60282653	Skylight lock	2	
5	130901000163A006	Sunroof Seal Rubber Strip	1	
6	130901000163A039	Right cape assembly	1	
7	130901000163A022	Front window lock (right)	1	
8	130901000163A004	Front window outer rubber strip	1	
9	13108582	support of control box	1	
10	130901000163A003	Beading	1	
11	130901000163A036	Door railing trim strip	1	
12	13109309	lower cover plate	1	
13	13109478	upper cover plate	1	
14	13110919	steel tube	1	
15	130901000163A023	Locker	2	
16	130901000163A021	Front window lock (left)	1	
17	130901000163A009	Nylon wheel	4	
18	13112439	mounting plate of the roller	2	
19	130901000163A014	Front window right rear bumper Block	2	
20	13109919	decorating part	1	
21	13115097	outer plate of left Lamp	1	
22	130901000163A013	Front window left rear bumper Block	2	
23	13114403	plate of air control	1	
24	13345260	Right-hand wall inner support assembly	1	
25	13110441	Cab small door Rubber Sleeve	1	
26	13344165	Left-hand wall inner support assm	1	
27	130901000163A024	door lock assembly	1	
28	130901000163A005	Door inner rubber strip	1	
29	130901000163A002	Rubber strip	1	
30	130901000163A001	Sliding window rubber strip	1	
31	130901000163A020	door lock (lock body)	1	
32	14041802	Outer handrail	1	

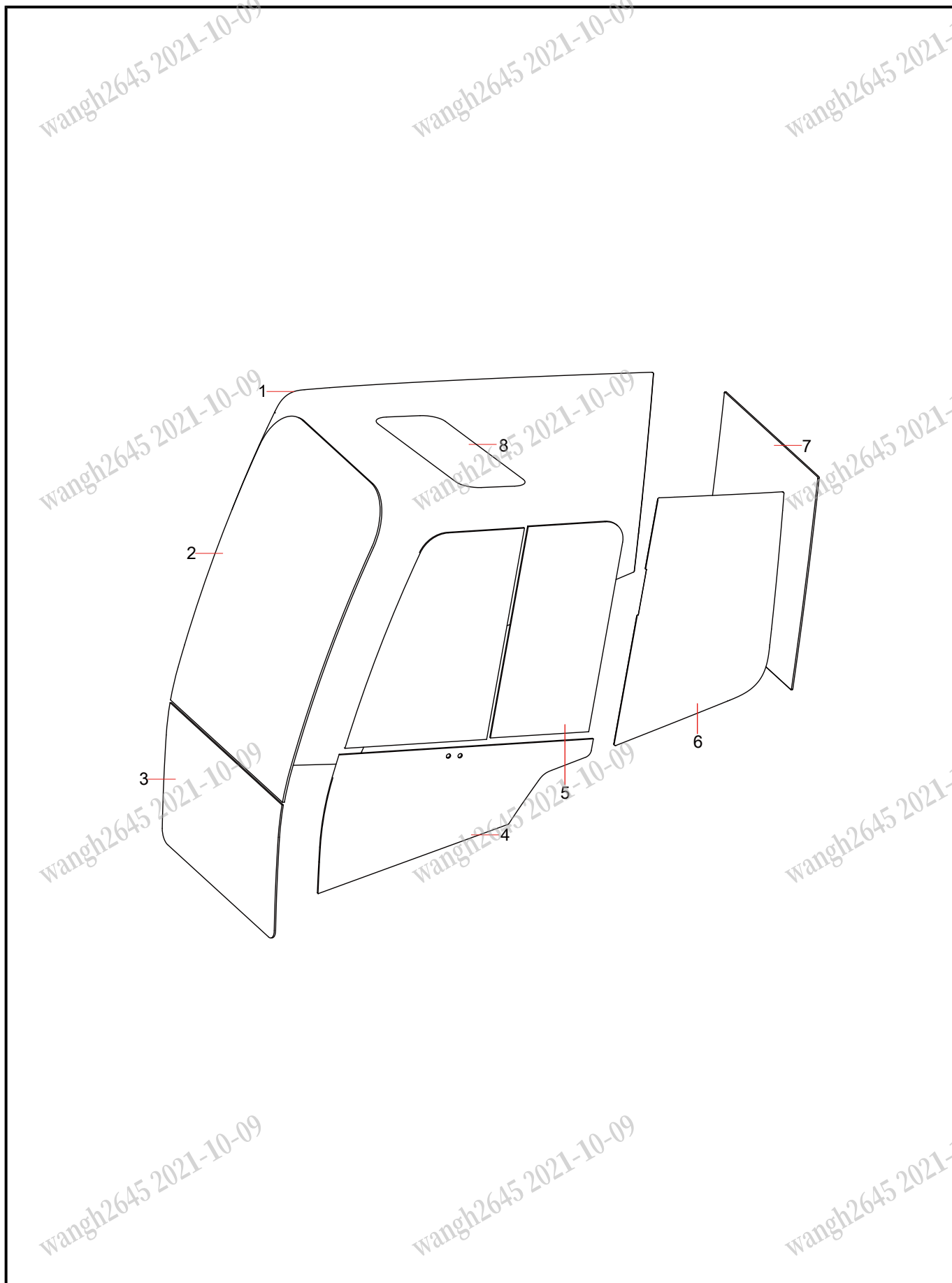


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
33	A313251202803	Screw	4	
34	60282654	front window Balancer	1	
35	61003827	Safety hammer	1	
36	14042061	handle	3	
37	130901000163A012	Front window right upper bumper Block	1	
38	130901000163A011	Front window left upper bumper Block	1	
39	SSY005118957	Mounting base	1	
40	SSY005123279	Display screen support	1	
41	24000514	Washer	1	
42	A210491000118	Washer	1	
43	13208391	Display screen mounting nut	1	
44	130901000163A042	Front lower glass fixed clamping clip	1	
45	14036680	Sponge	6	
46	130901000163A008	Glass cushion block(Right)	1	
47	130901000163A007	Glass cushion block(Left)	1	
48	13114626	Cover I	1	
49	13114585	cover II	1	
50	13260834	pressure plate of Fresh air filter core	1	
51	14091517	cover	2	
52	13627148	Door lower hinge	1	
53	14091518	cover	2	
54	61003833	Stop block	1	
55	13107337	top hinge	1	
56	60312104	Simple Dry-chemical Fire Extinguisher	1	
57	13114873	Pin rail	1	
58	61025229	Setscrew	2	

SSY005619187 Electric system assembly of cab

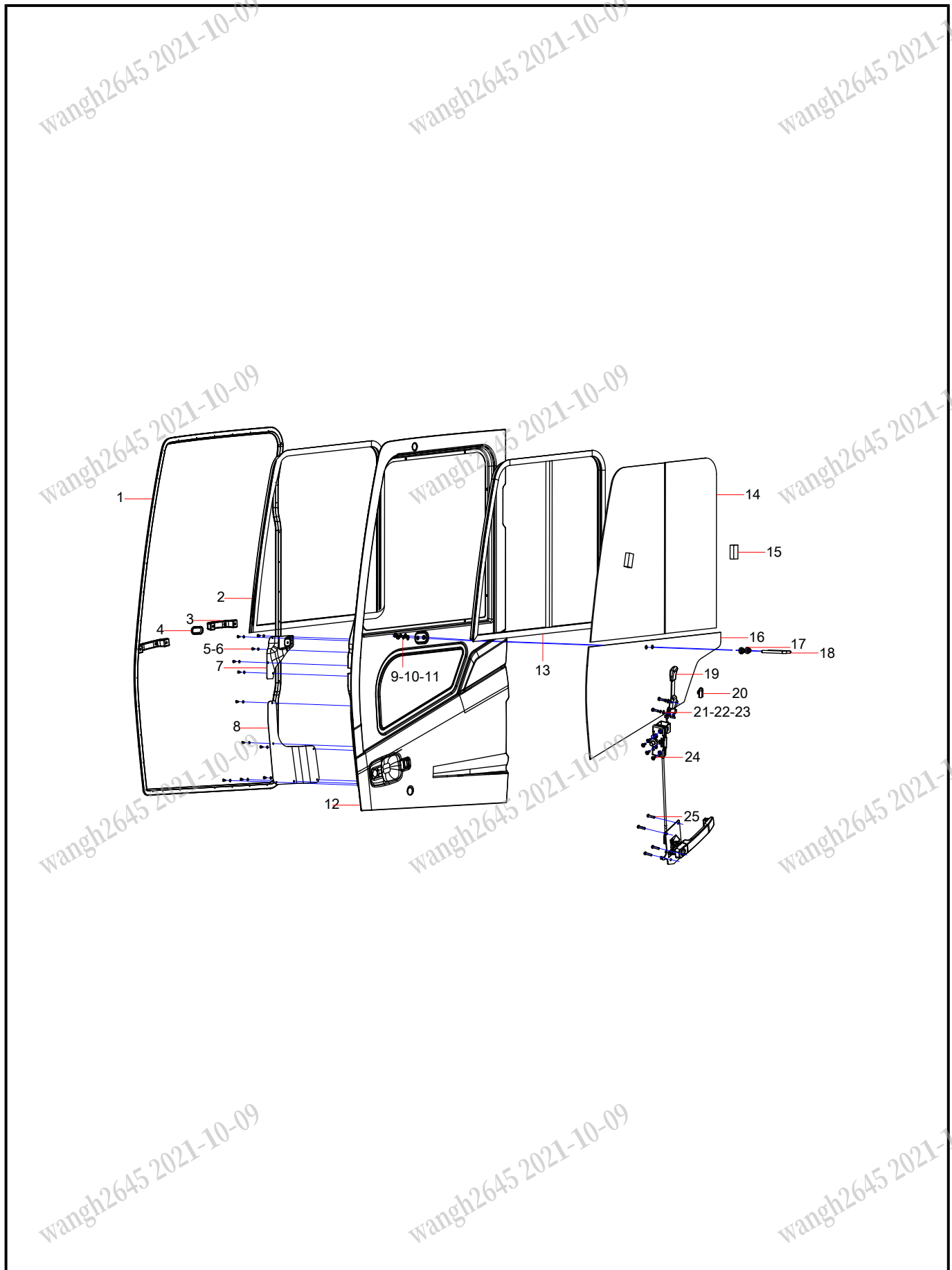


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60346661	Wiper assembly	1	
2	SSY005360051	DISPLAY HARNESS	1	
3	13249611	Wiper Power Wire	1	
4	240999010007A	antenna	1	
5	146399000009A	Power Amplifier	1	
6	SSY004844698	Cab left harness	1	
7	A229900003178	Carriage Lamp Cemc0502.8 20	1	
8	60023703	Speaker	1	



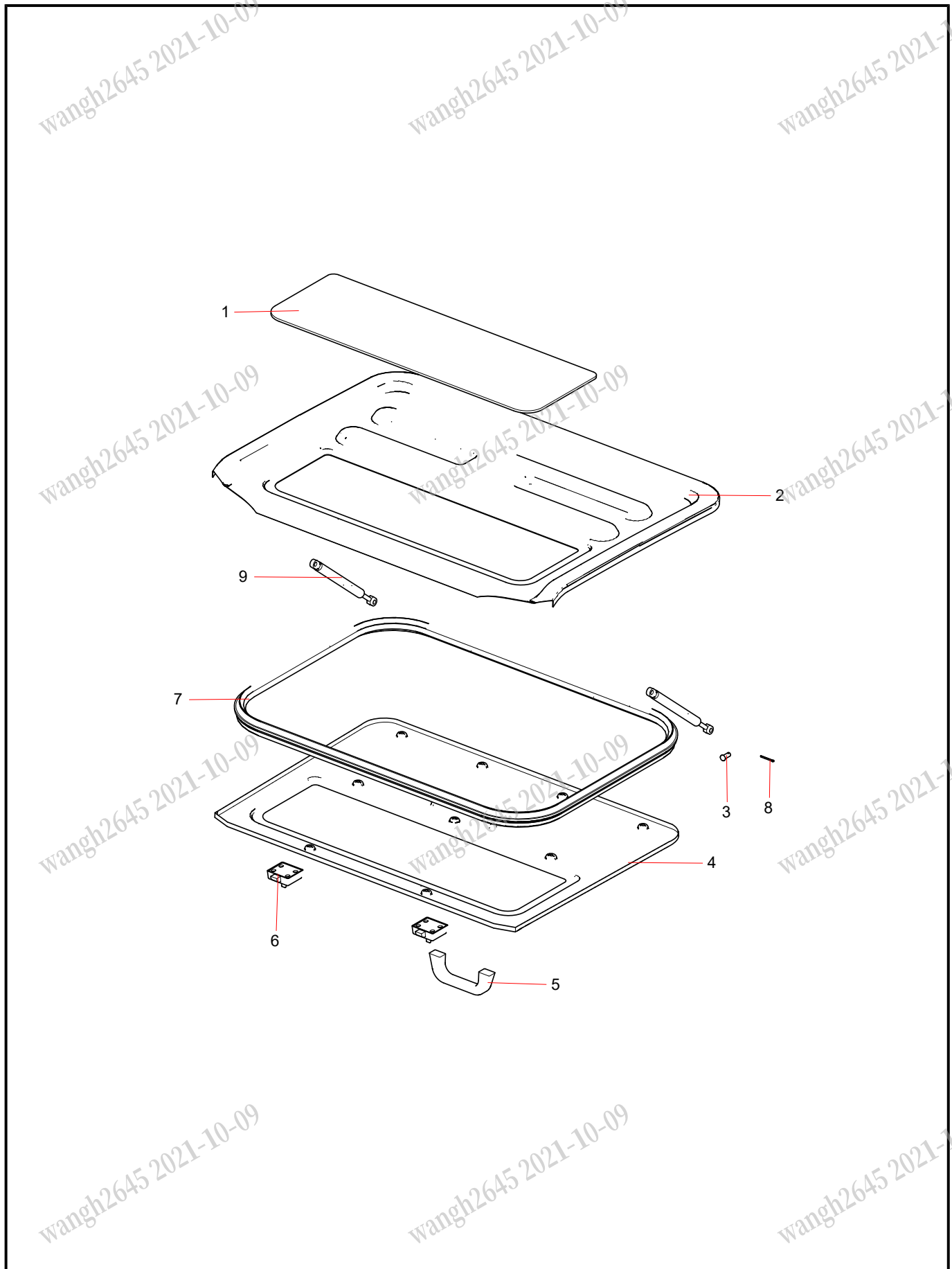
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	130901000163A031	Right Side Glass	1	
2	130901000163A028	Front window glass	1	
3	130901000163A033	Front lower glass	1	
4	130901000163A027	Door lower glass	1	
5	130901000163A026	Door Upper sliding window	1	
6	130901000163A030	Left rear glass	1	
7	130901000163A032	Rear window	1	
8	130901000163A029	Skylight glass	1	

130901000163A047 Door assembly



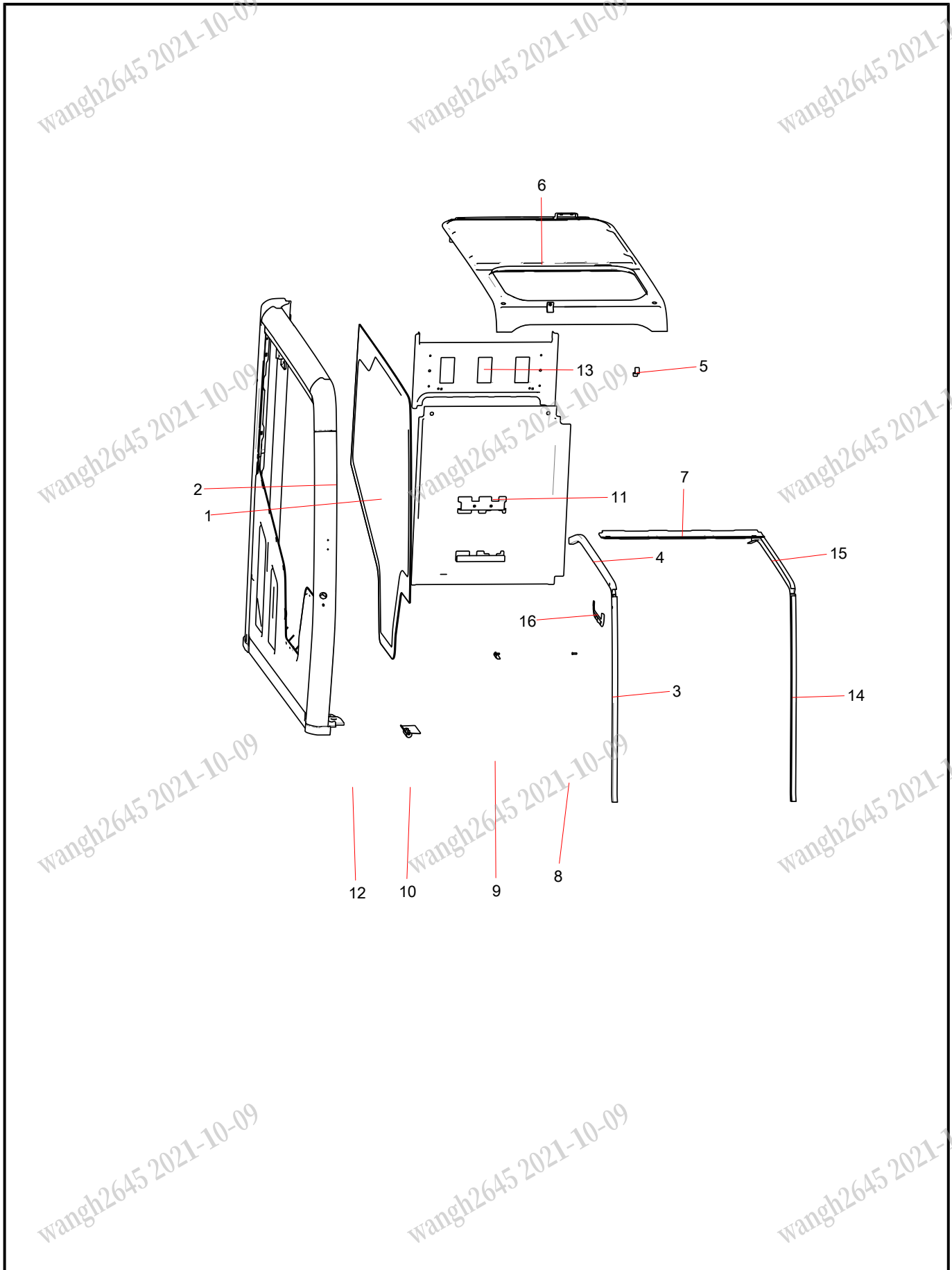
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	130901000163A002	Rubber strip	1	
2	130901000163A001	Sliding window rubber strip	1	
3	130901000163A025	(Outer handle)	2	
4	13114626	Cover I	1	
5	A210210000002	Screw	11	
6	A210401000016	Washer	11	
7	13109478	upper cover plate	1	
8	13109309	lower cover plate	1	
9	A210307000036	Nut	2	
10	24000512	Washer	2	
11	24000637	Washer	2	
12	13106770	door body	1	
13	61025230	Push window frame	1	
14	130901000163A026	Door Upper sliding window	2	
15	61025231	Push window lock	1	
16	130901000163A027	Door lower glass	1	
17	61025232	Lock ring cover	2	
18	61025233	Lock ring	1	
19	130901000163A020	door lock (lock body)	1	
20	61025234	Cover	2	
21	A210111000343	Bolt	2	
22	A210401000017	Washer	2	
23	24000633	Washer	2	
24	A210211000007	Screw	4	
25	A210210000017	Screw	4	

130901000163A048 Skylight assembly

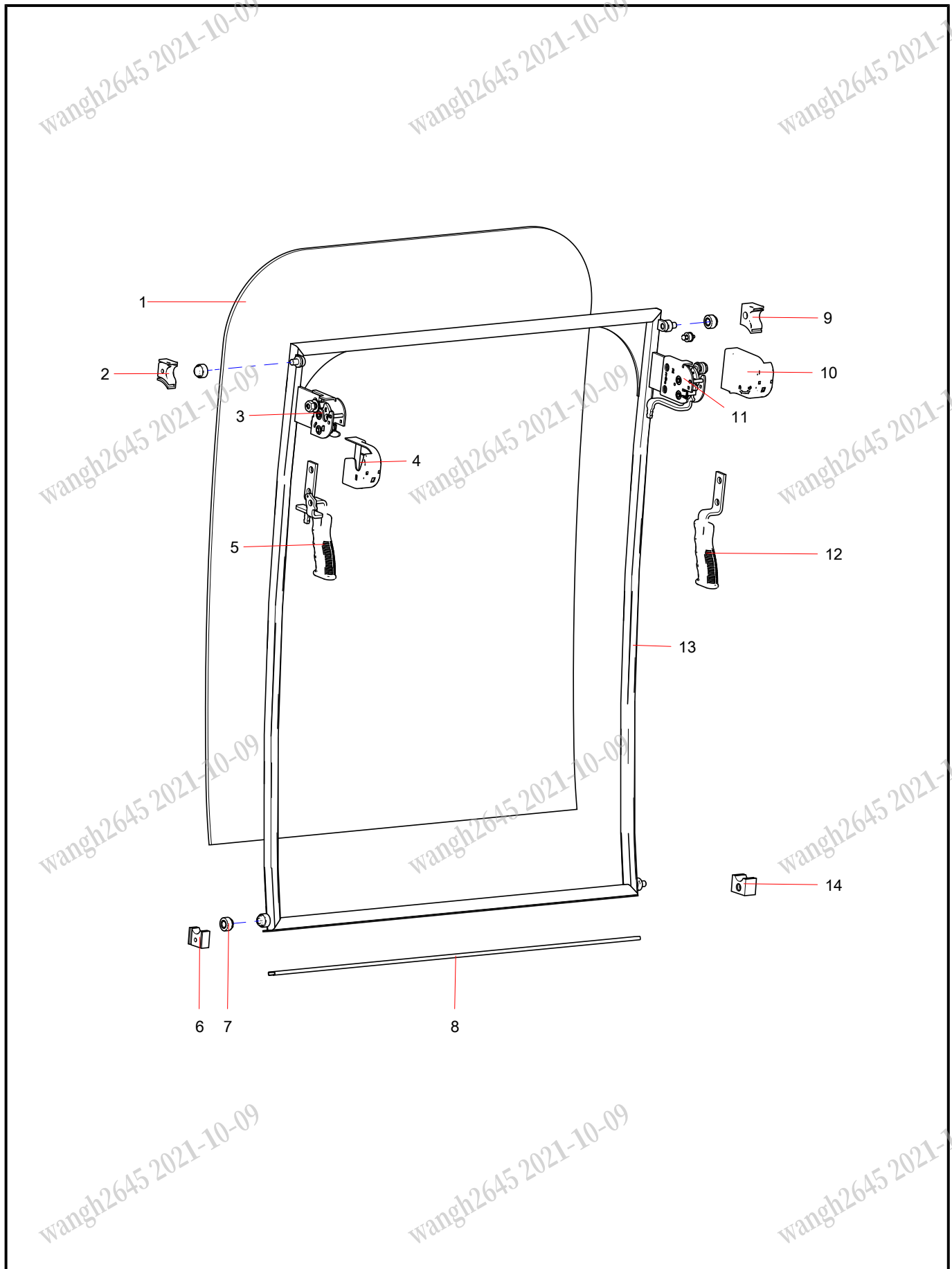


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	130901000163A029	Skylight glass	1	
2	13105595	Skylight assembly	1	
3	21050688	Lock pin	4	
4	13120852	Sun cover	1	
5	14042061	handle	1	
6	60282653	Skylight lock	2	
7	130901000163A006	Sunroof Seal Rubber Strip	1	
8	A210491000010	Pin	4	
9	13114817	Air Spring	2	

13113831 body assmblly of cab

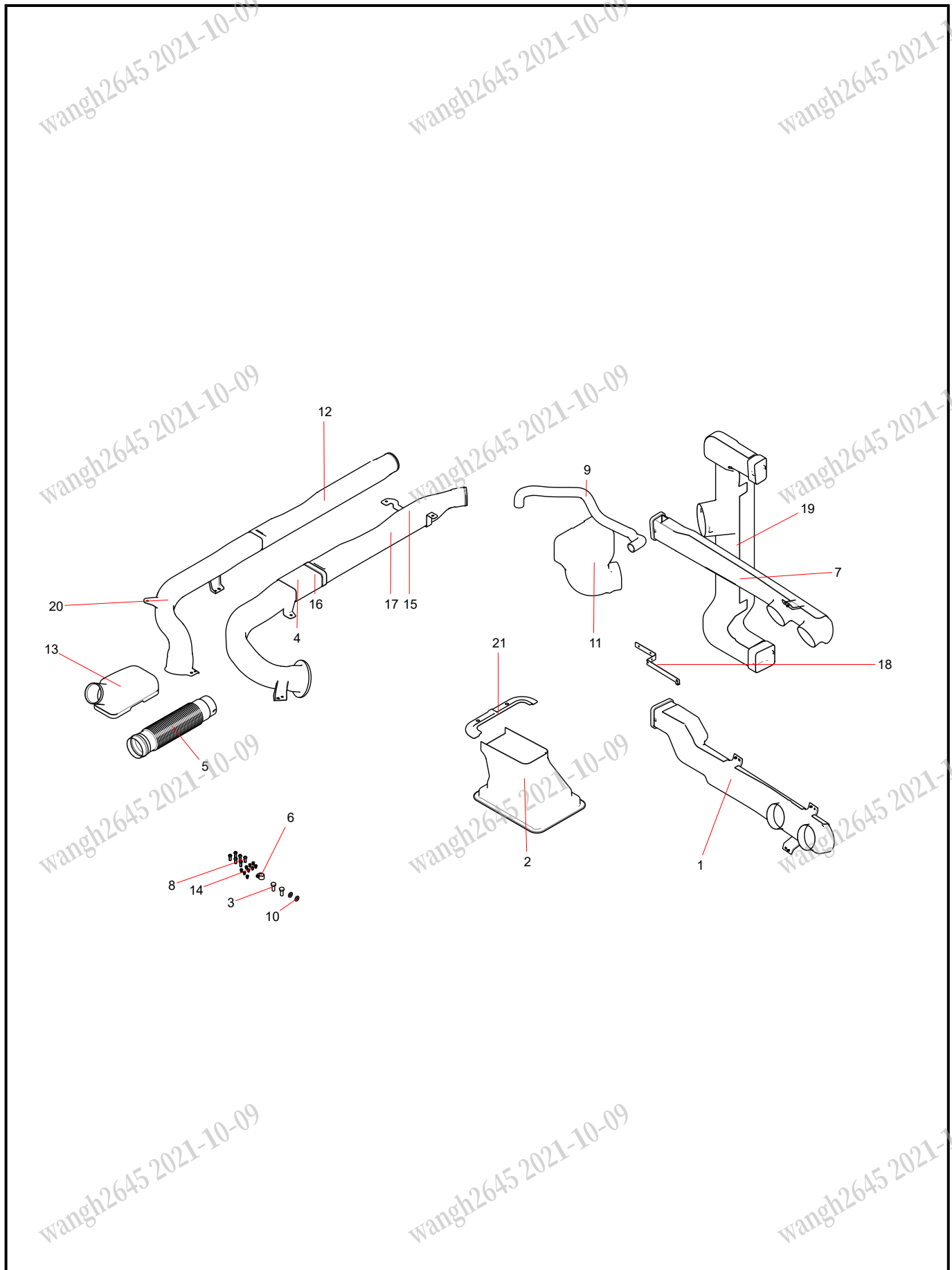


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13316242	right glass	1	
2	13110899	Right-hand wall assembly	1	
3	13109349	front window right guide rail	1	
4	13109542	Right guide rail	1	
5	13109591	Right lower support of front window	1	
6	13107938	Top cover assembly	1	
7	13616547	reinforce plane	1	
8	13106285	mounting support	3	
9	13105588	Speaker support	2	
10	13105613	rear wall panel	1	
11	13337444	rear plant assambly	1	
12	13107997	mounting support	2	
13	13108013	rear inner plate assembly	1	
14	13108607	front window Left guide rail	1	
15	13108610	front window left upper guide rail	1	
16	13110442	suppor of air Conditioner Air intake	1	



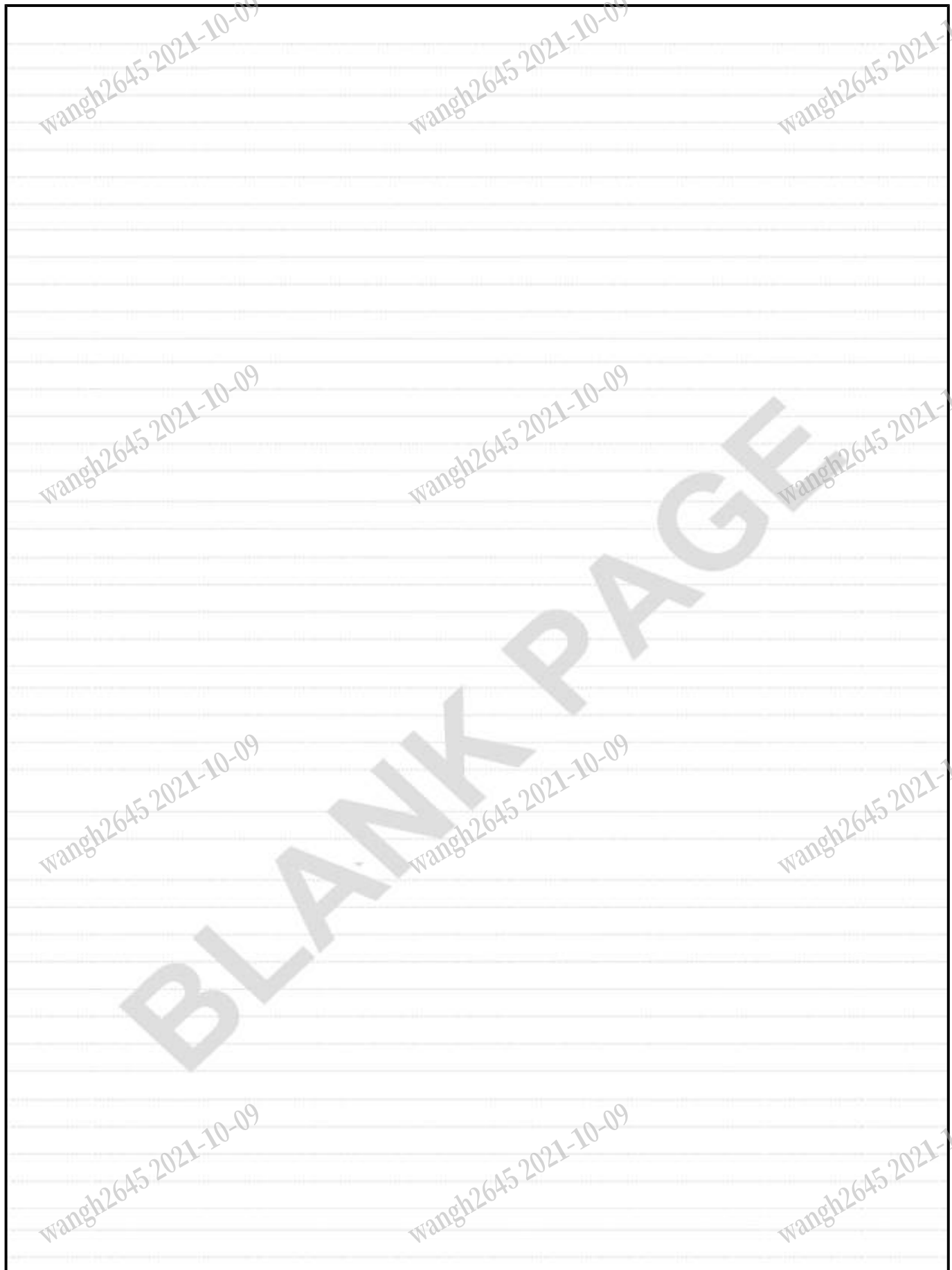
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	130901000163A028	Front window glass	1	
2	130901000163A011	Front window left upper bumper Block	1	
3	130901000163A021	Front window lock (left)	1	
4	130901000163A015	Front window lock left cover plate	1	
5	130901000163A017	Front window lock left knob	1	
6	130901000163A013	Front window left rear bumper Block	2	
7	130901000163A009	Nylon wheel	4	
8	130901000163A003	Beading	1	
9	130901000163A012	Front window right upper bumper Block	1	
10	130901000163A016	Front window lock right cover plate	1	
11	130901000163A022	Front window lock (right)	1	
12	130901000163A018	Front window lock right knob	1	
13	130901000163A034	Welding assembly	1	
14	130901000163A014	Front window right rear bumper Block	2	

13114987 vane assy



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13114989	vane of left C column	1	
2	13914982	vane of air conditonal	1	
3	A210111000089	Bolt	2	
4	13114996	vane no.1 of front control box	1	
5	13980090	Right corrugated tube	2	
6	23002943	Throat collar	4	
7	13114991	vane of right C column	1	
8	A210210000008	Screw	6	
9	13115006	vane of box	1	
10	24000633	Washer	2	
11	13914983	Rear air duct	1	
12	13115000	vane no.2 of front control box	1	
13	13914984	Right rear air duct	2	
14	A210264000004	Plug Screw	9	
15	13114998	support of vane	2	
16	13631513	spone	1	
17	13114999	vane no.2 of front control box	1	
18	13114993	support of left	2	
19	13114992	vane of back plate	1	
20	13114997	vane no.1 of front control box	1	
21	13110442	suppor of air Conditioner Air intake	1	

13114987 vane assy

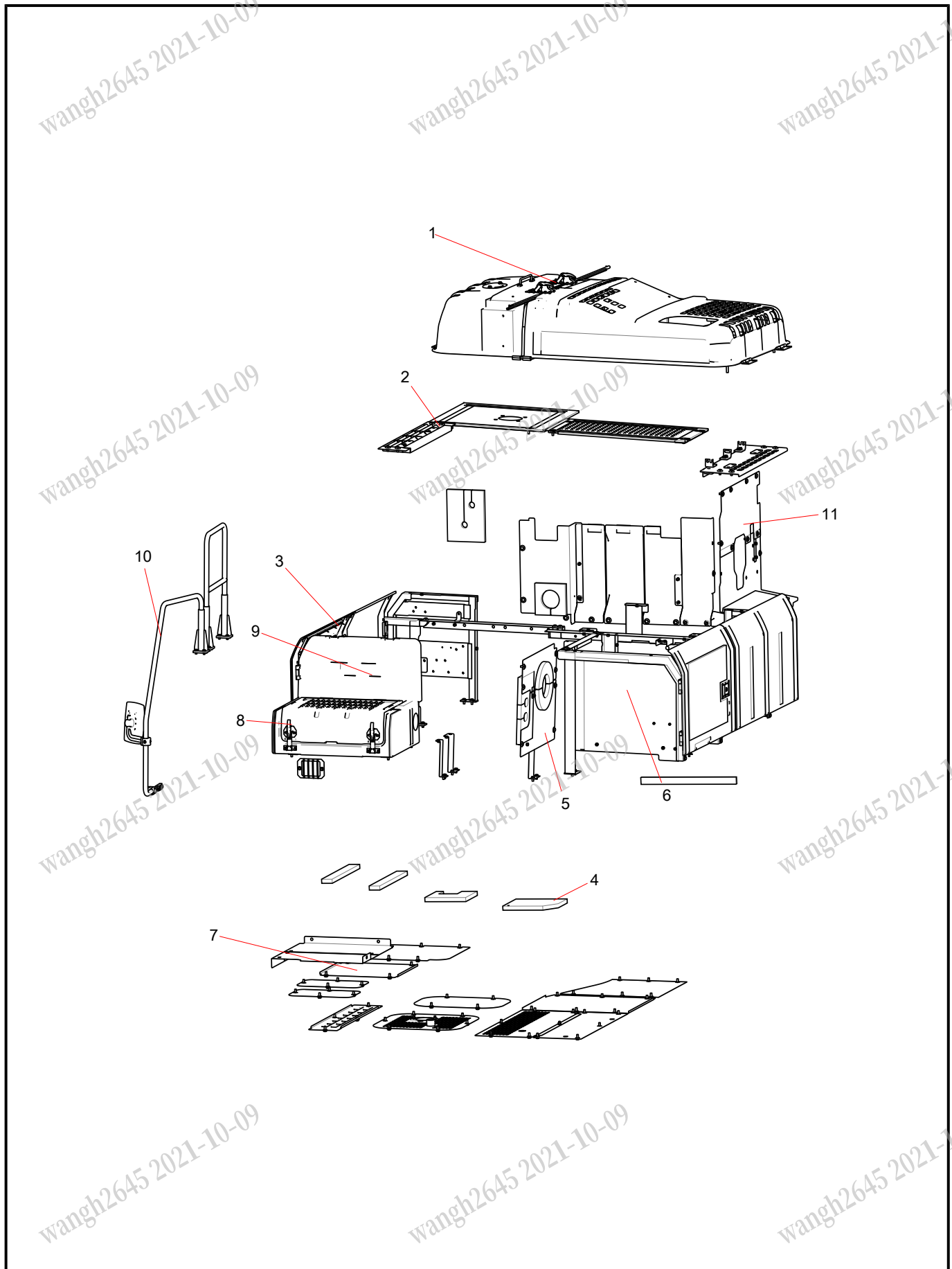


4-40 Cab

Group 5

covering parts assembly

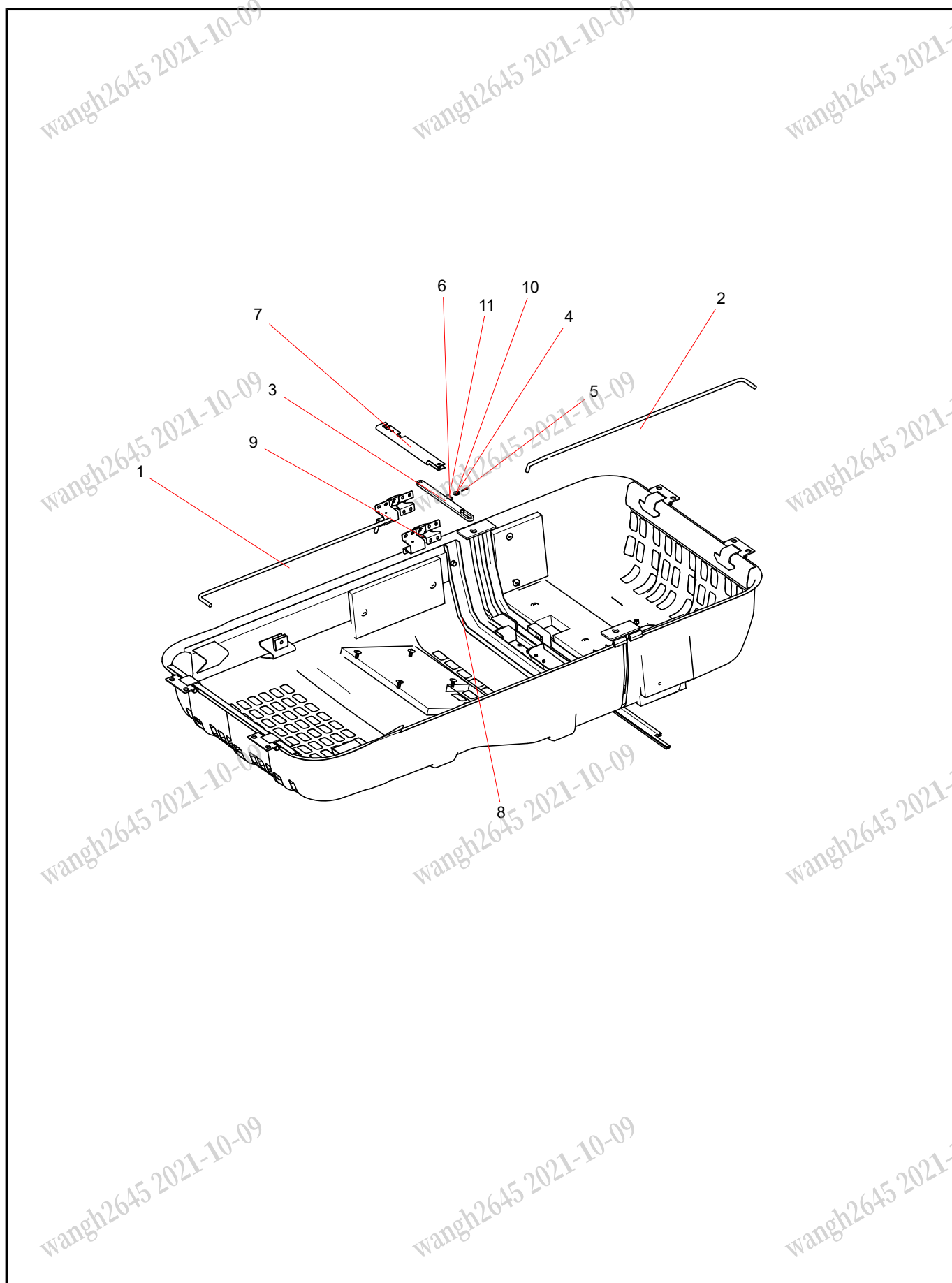
14144624 covering parts assembly



5-2 covering parts assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14144558	Bonnet assy.	1	5-4
2	14118473	top cover plate	1	5-8
3	14118655	door	1	5-10
4	14144404	sponge	1	
5	14144392	sealing plate	1	5-12
6	14117470	support component	1	
7	14144498	coner plate	1	5-14
8	14221560	toolbox	1	5-16
9	14221579	trim cover	1	5-20
10	14221574	hand rail	1	5-22
11	14144378	plate	1	5-24

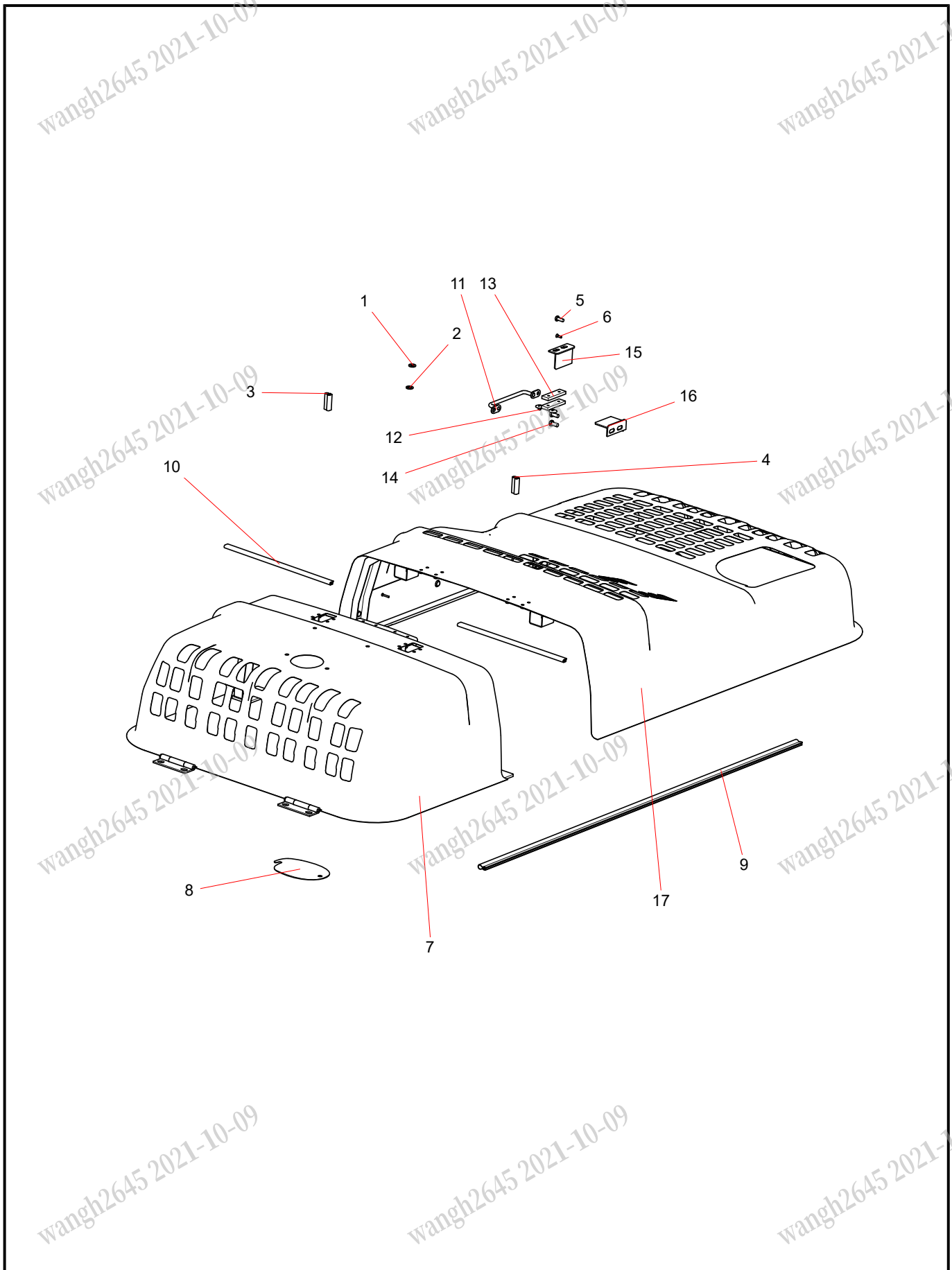
14144558 Bonnet assy.



5-4 covering parts assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13585877	front spring	1	
2	13585876	Spring	1	
3	A810502015065	Rod, Hood Support	1	
4	A210491000121	Washer	3	
5	A210491000014	Pin	3	
6	A210508000009	Pin	3	
7	A820302010101	Support, Hood	1	
8	14116822	Bonnet assy.	1	5-6
9	60275176	Latch, Hood	2	
10	60060565	Washer	16	
11	A210111000343	Bolt	16	

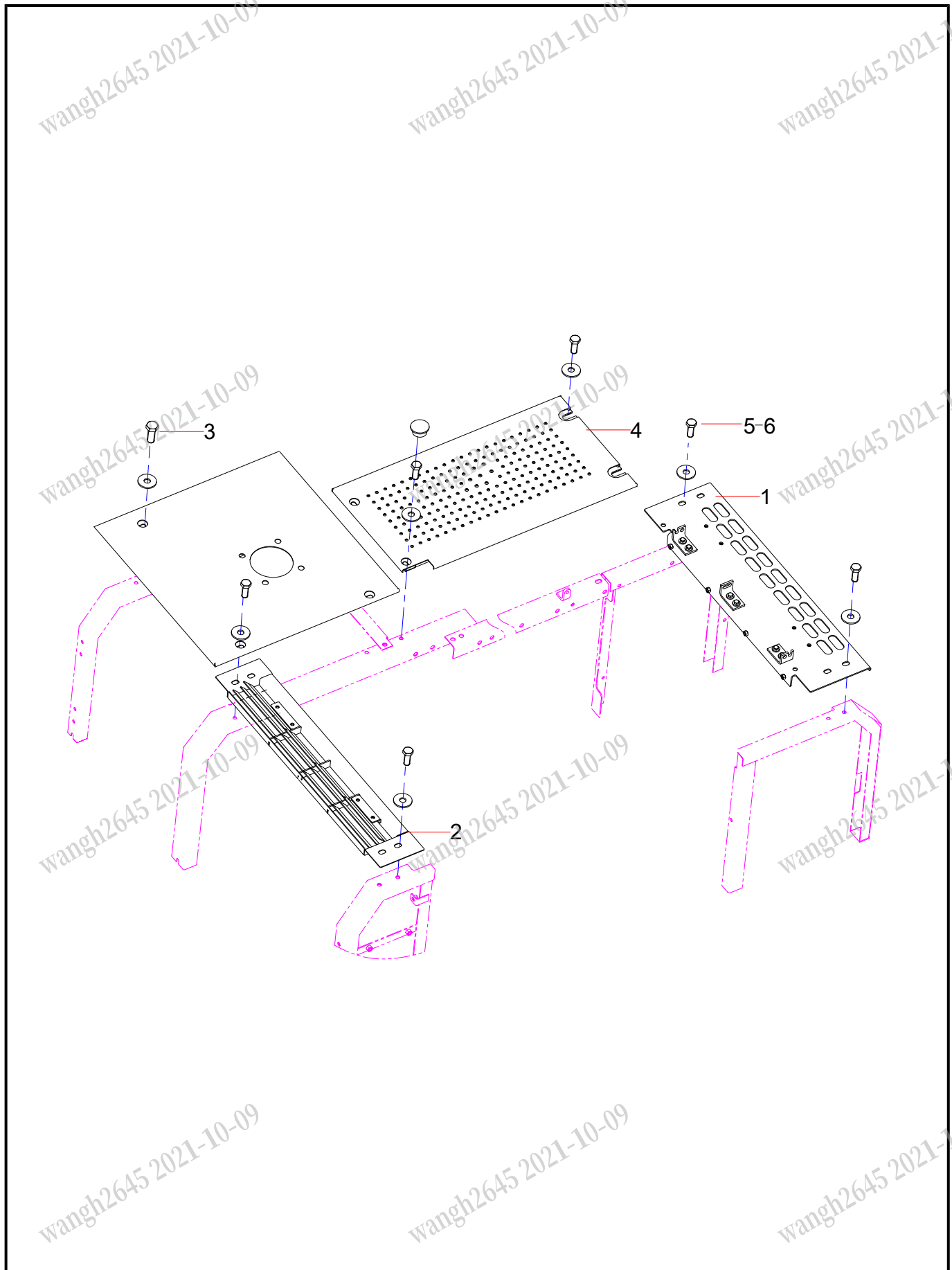
14116822 Bonnet assy.



5-6 covering parts assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210491000120	Washer	2	
2	24000639	Washer	6	
3	13532158	Sealing strip	1	
4	13532159	Sealing strip	1	
5	A210111000197	Bolt	2	
6	A210203000008	Screw	4	
7	14116824	Group weldment of radiator hood	1	
8	13667190	Plate	1	
9	14343651	Sealing strip	1	
10	13672370	Sealing strip	2	
11	13305927	Wiredraw	1	
12	11961759	Cramp	13	
13	14326189	plaste	2	
14	A210111000101	Bolt	6	
15	14343669	right antiswing seat	1	
16	14343667	left antiswing seat	1	
17	14158502	Group weldment of engine hood	1	

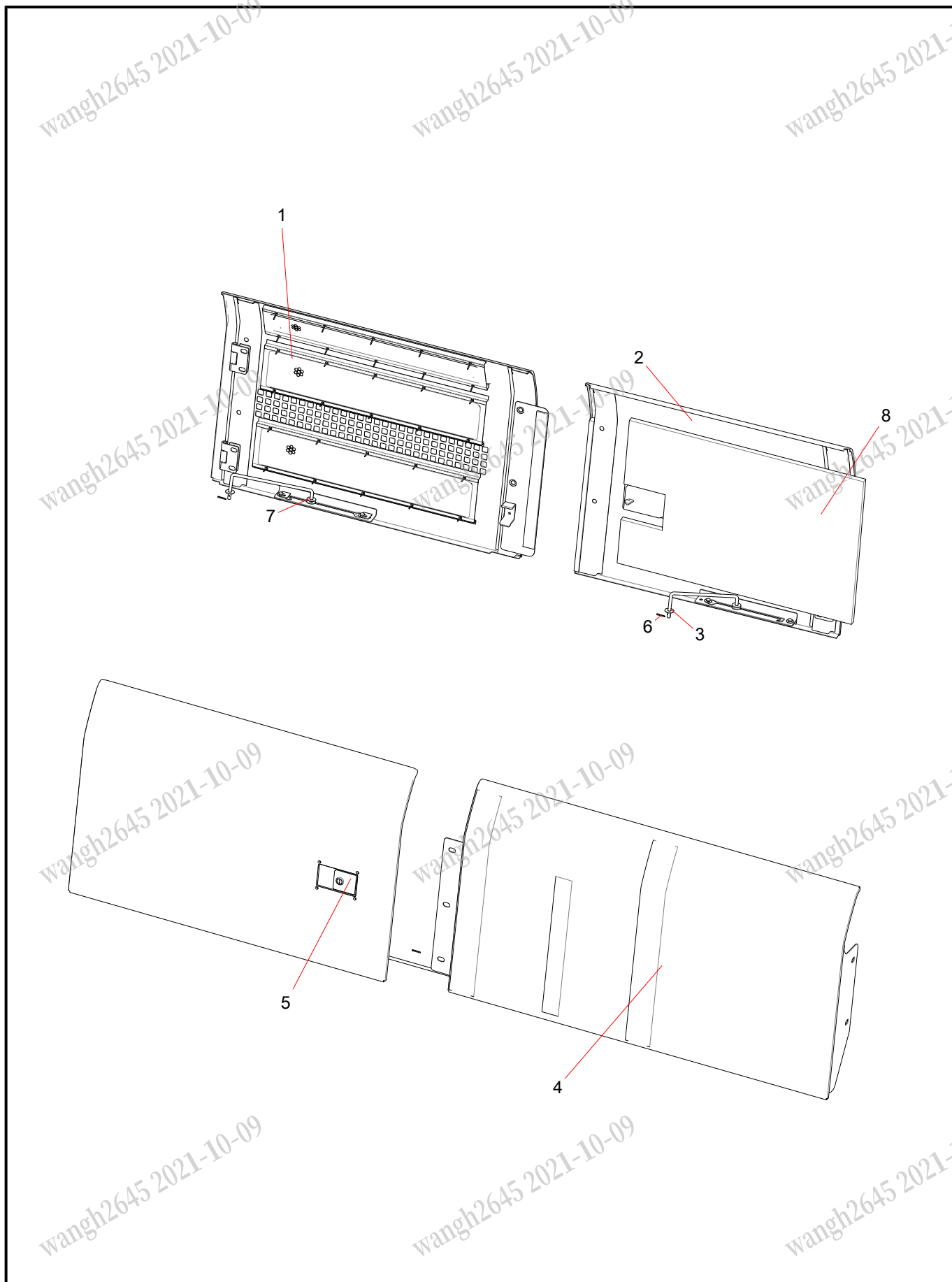
14118473 top cover plate



5-8 covering parts assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14117295	Right upper rear cover plate	1	
2	14117019	Left Upper Rear Cover Plate	1	
3	14117052	Air filter plate	1	
4	14117129	Intermediate cover plate	1	
5	60060548	Washer	16	
6	A210111000202	Bolt	16	

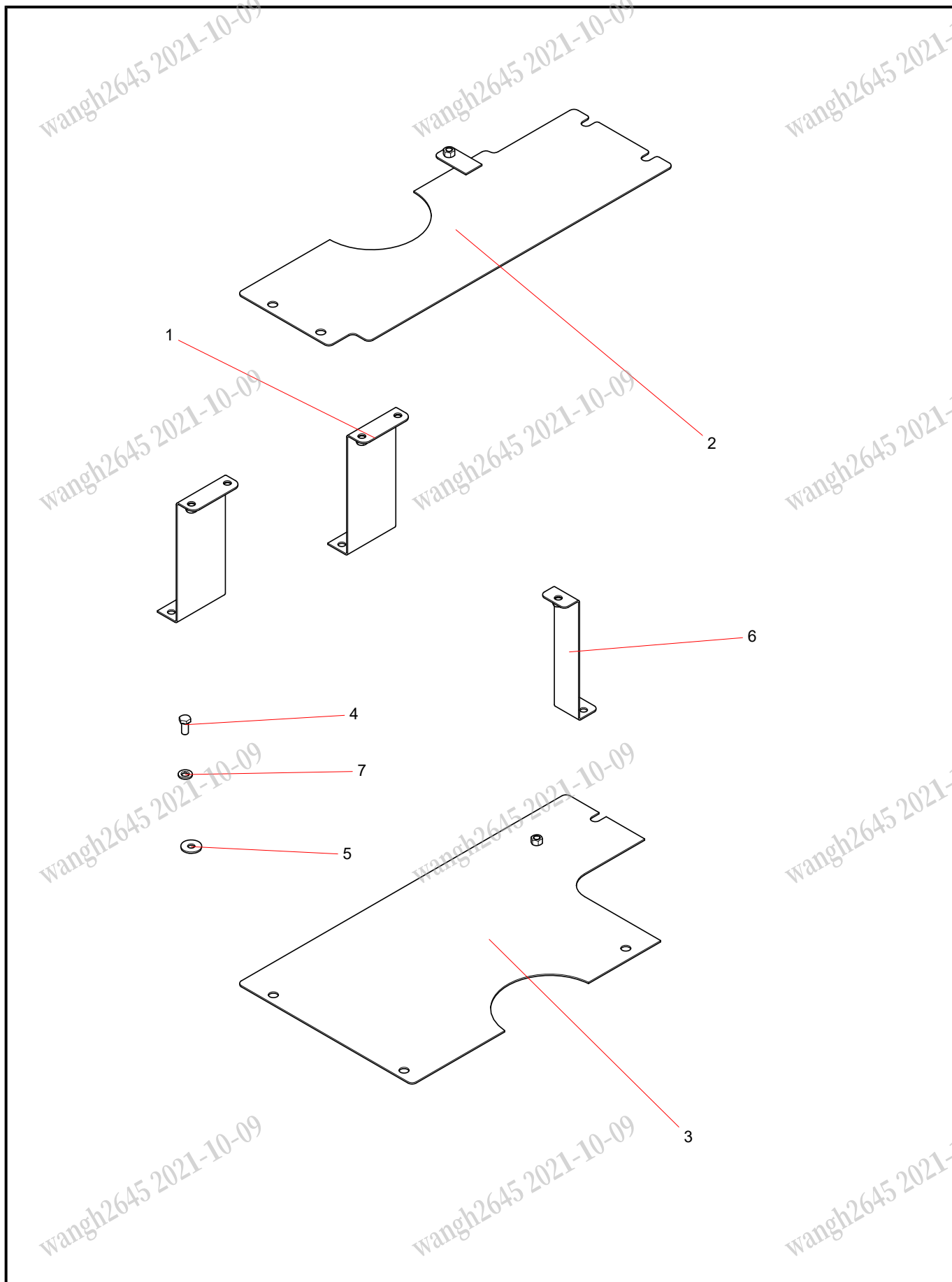
14118655 door



5-10 covering parts assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14117963	left rear door	1	
2	14117777	left front door	1	
3	13649813	Wind hook	1	
4	14117406	side door	1	
5	14117992	right door	1	
6	A210491000014	Pin	3	
7	13649788	Wind hook	2	
8	14338668	right door sponge	1	

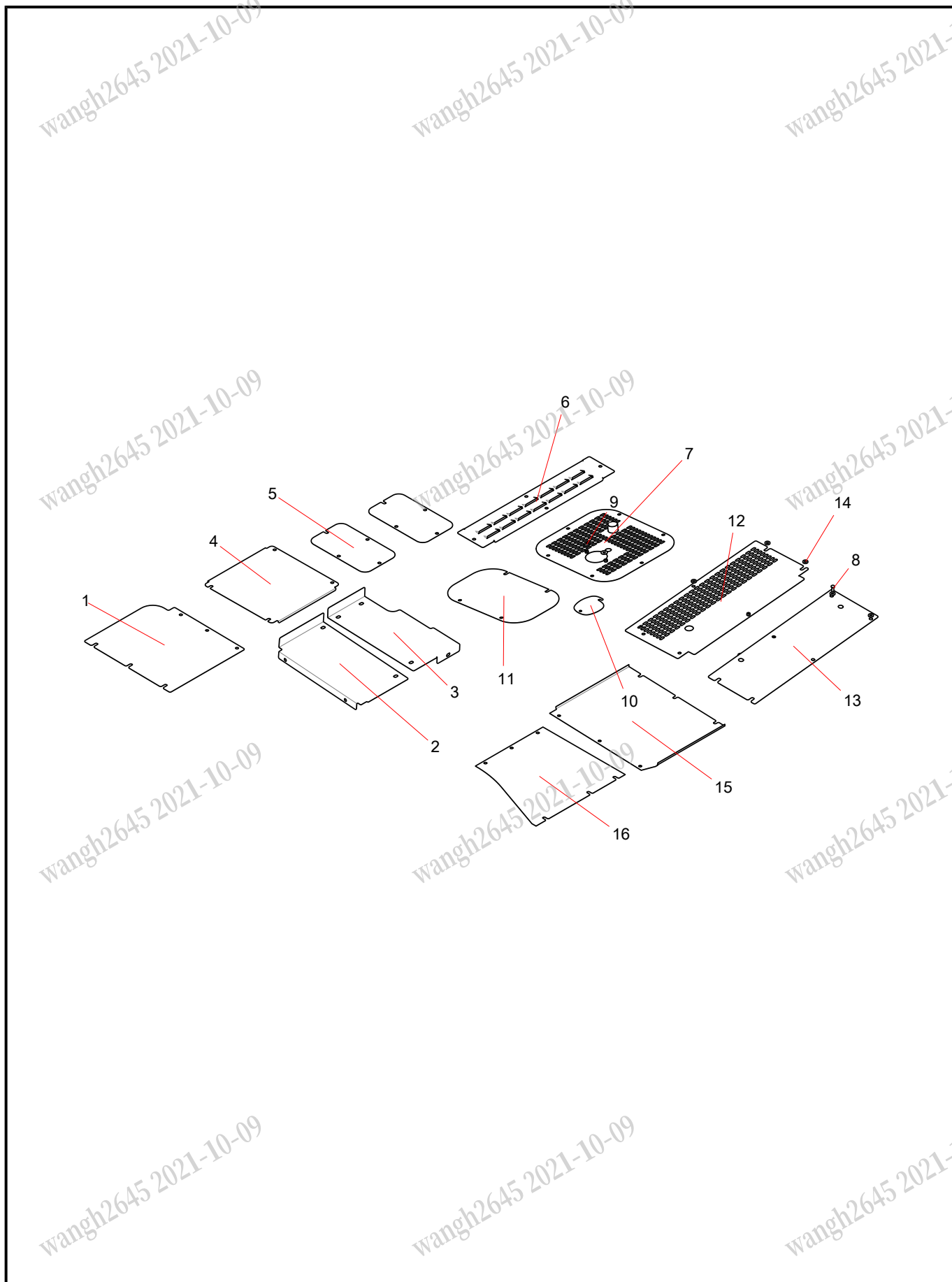
14144392 sealing plate



5-12 covering parts assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14117349	Supporting plate 1	2	
2	14116844	top plate	1	
3	14117292	plate	1	
4	A210111000101	Bolt	14	
5	60060548	Washer	8	
6	14031098	Supporting plate 1	1	
7	A210491000121	Washer	6	

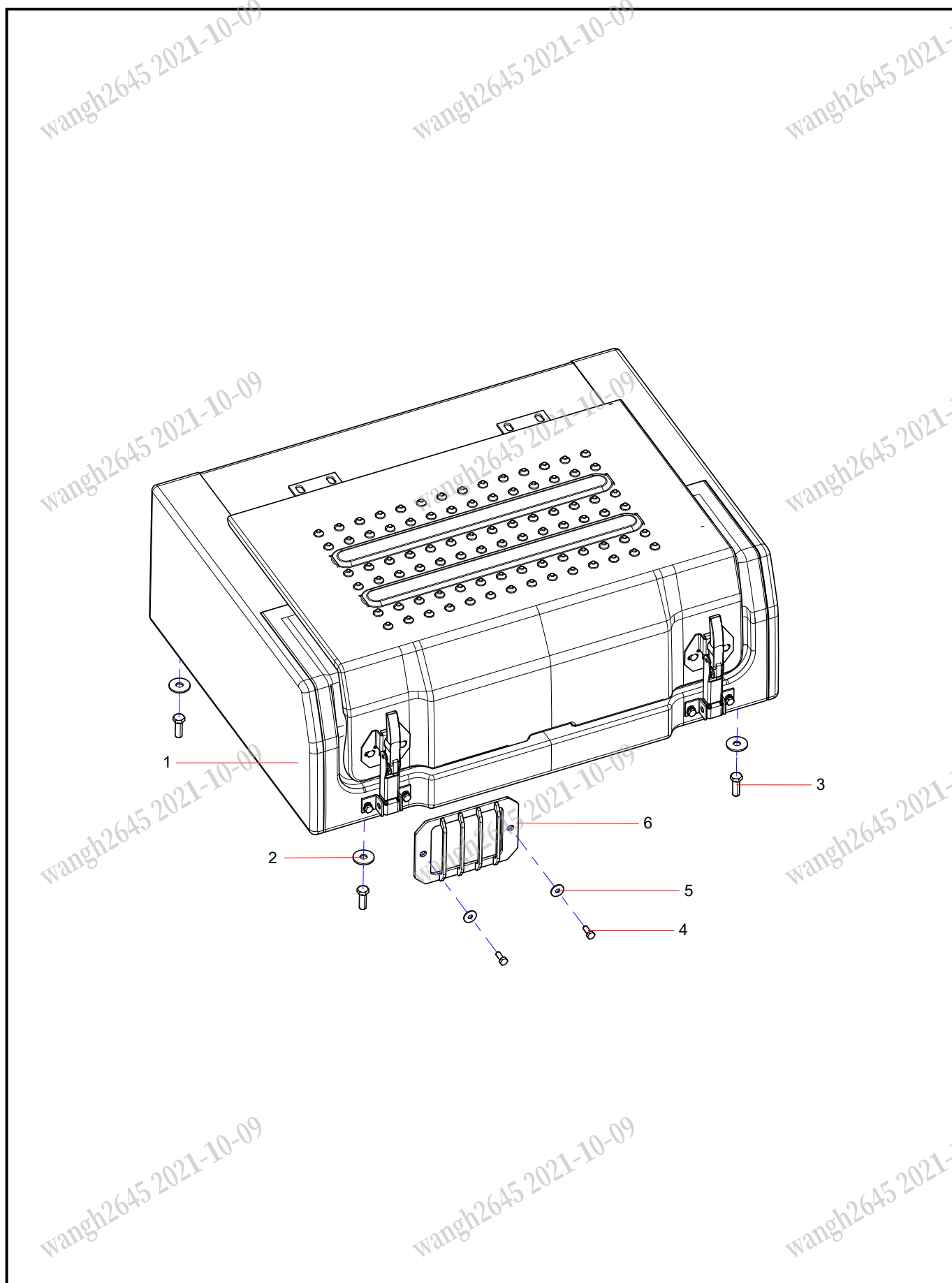
14144498 coner plate



5-14 covering parts assembly

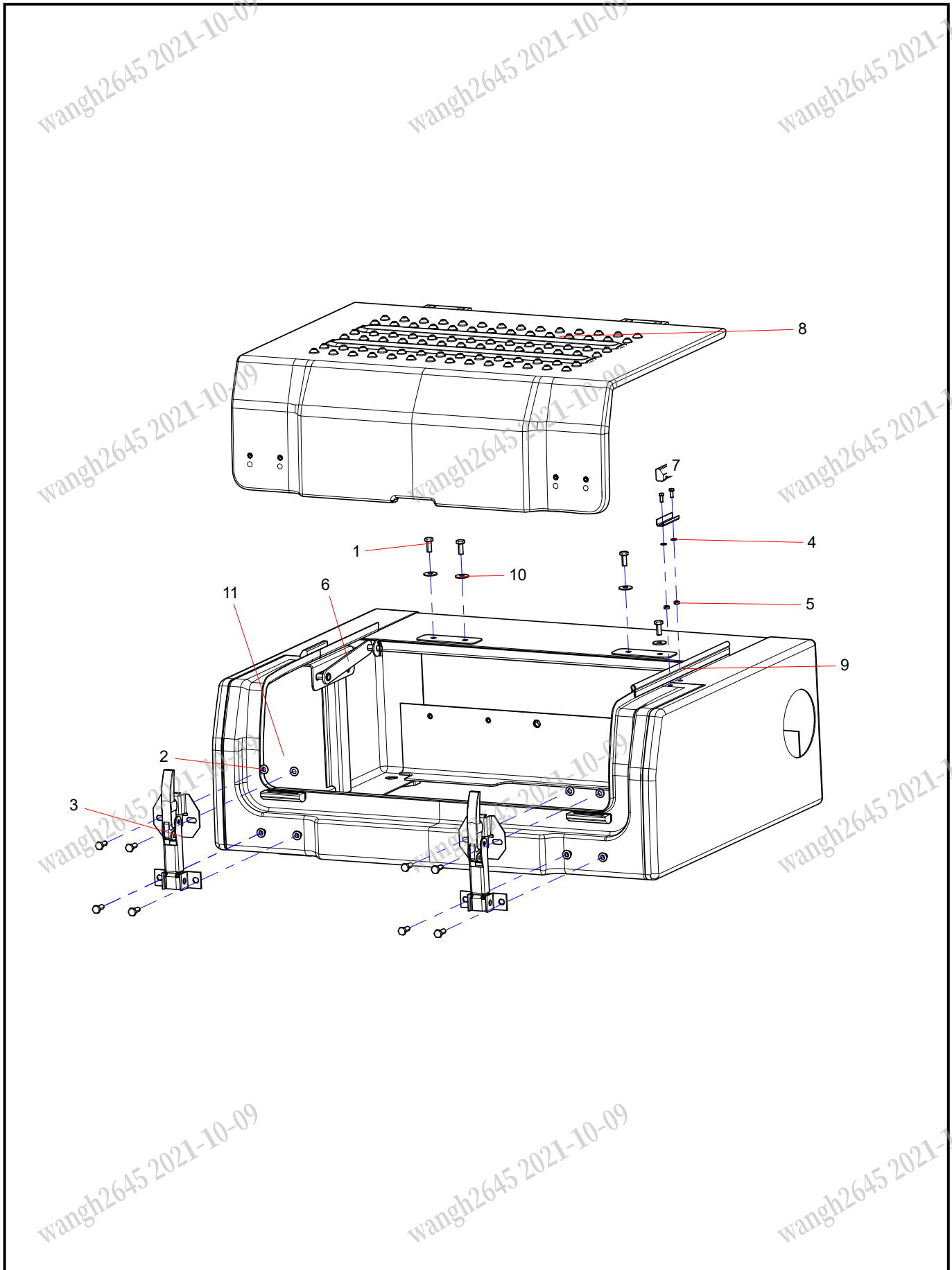
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13218436	cab bottom cover	1	
2	14117289	plate	1	
3	14117290	palte	1	
4	14116894	back cover plate	1	
5	14117332	cover plate	2	
6	14362042	cover plate	1	
7	14117345	Bottom cover plate of engine	1	
8	A210111000202	Bolt	57	
9	60060548	Washer	2	
10	13649153	Cover	1	
11	14117341	Main valve seat cover plate	1	
12	14117343	Right rear bottom cover platel	1	
13	14155279	Right rear bottom cover platell	1	
14	13300896	Thickening Washer	55	
15	14117339	Bottom cover plate of hydraulic oil tank	1	
16	14117340	Bottom cover plate of fuel tank	1	

14221560 toolbox



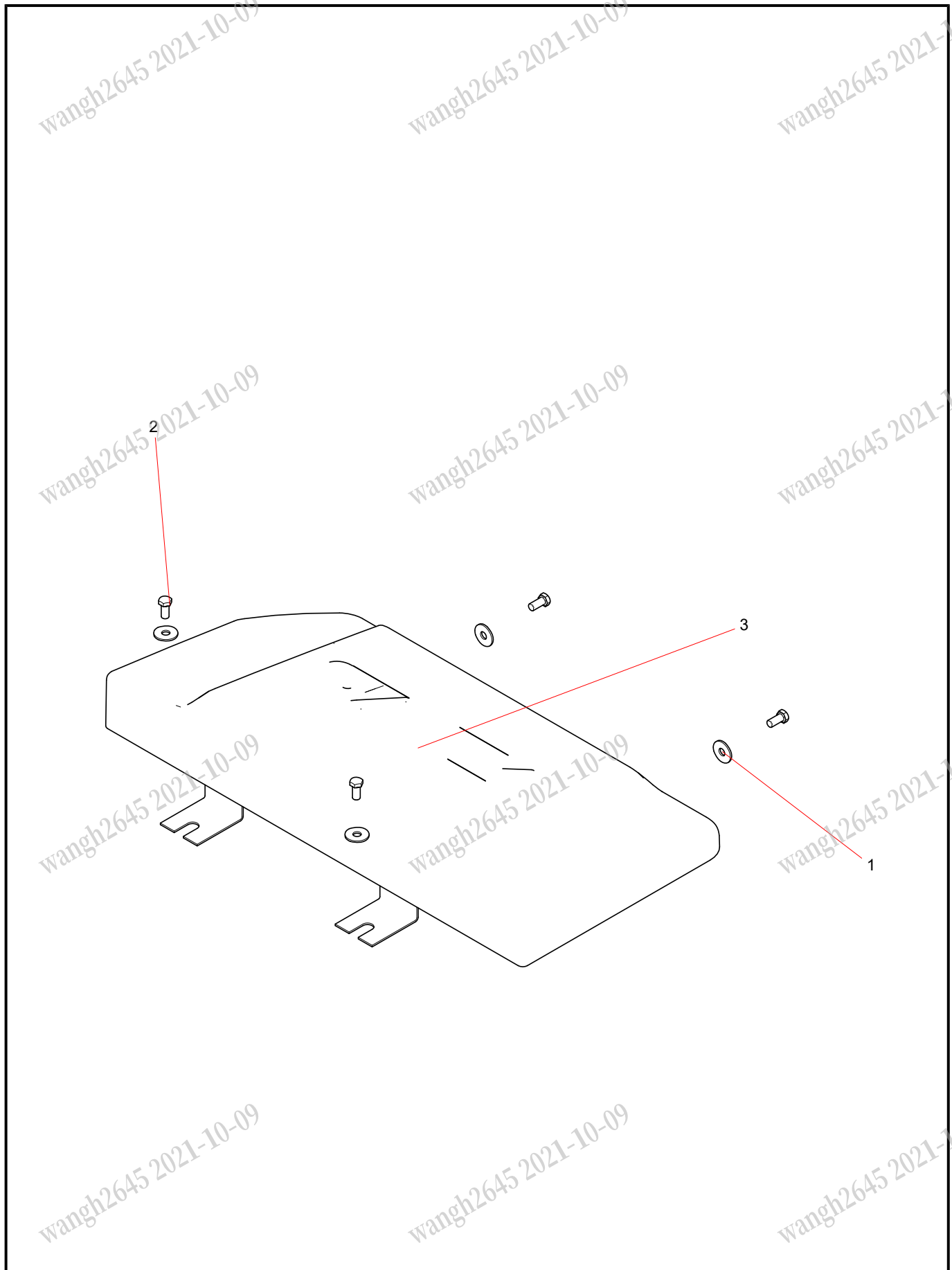
5-16 covering parts assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13805591	Toolbox	1	5-18
2	60060548	Washer	4	
3	A210111000203	Bolt	4	
4	A210111000343	Bolt	2	
5	60060565	Washer	2	
6	13550355	Lamp cover	1	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210111000343	Bolt	12	
2	24000633	Washer	8	
3	A222200000065	Machine Shed Lock Assembly	2	
4	24000630	Washer	8	
5	A210307000015	Nut	8	
6	13503945	Stay rod assembly	1	
7	13305174	Buffer Block	4	
8	13504170	Upper cover plate	1	
9	14052838	Sealing strip	1	
10	60060565	Washer	4	
11	13805527	Tool box main body	1	

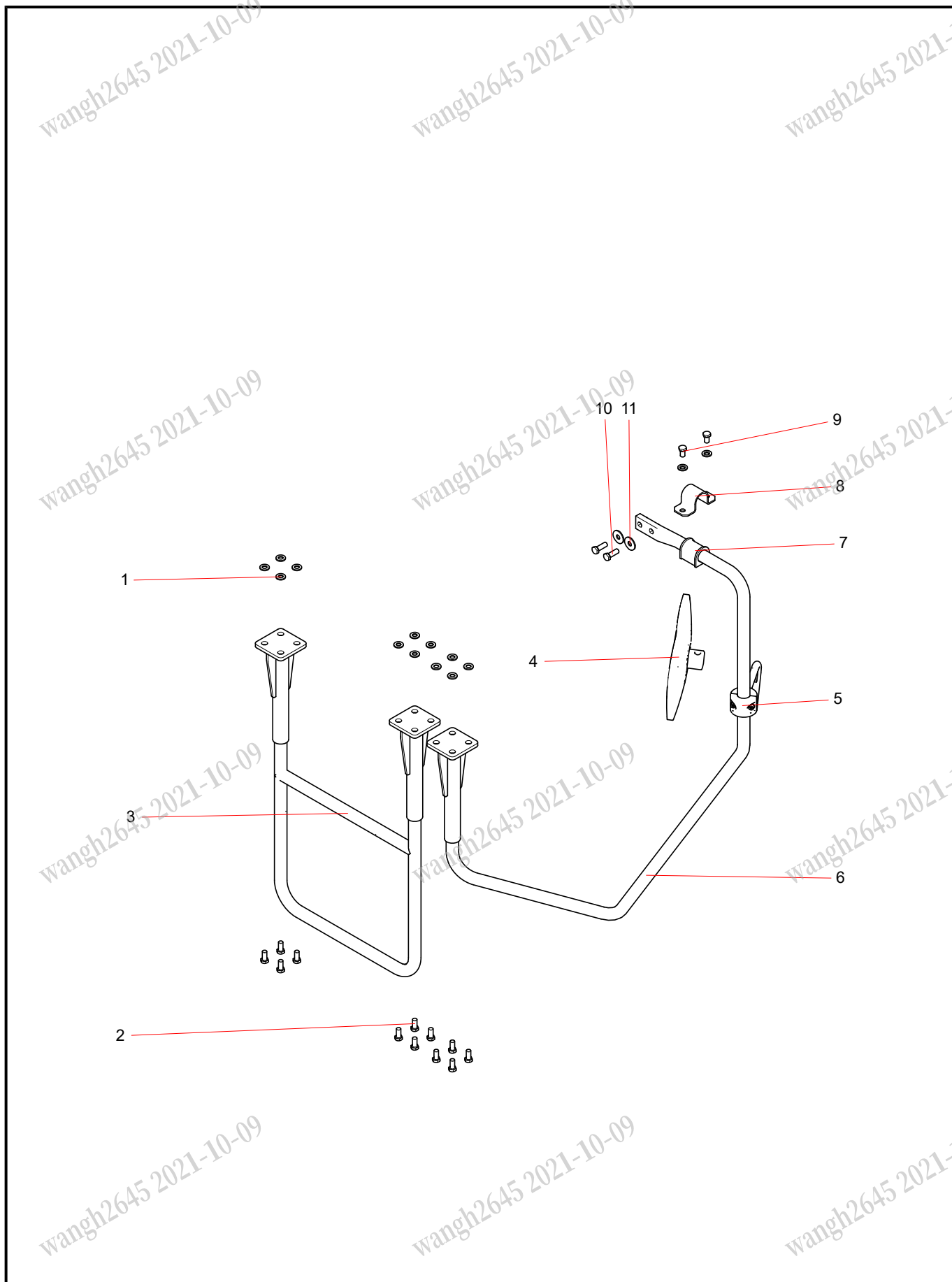
14221579 trim cover



5-20 covering parts assembly

INDEX	PART NO.	DESCRIPTION	QTY	SEE PAGE
1	60060548	Washer	4	
2	A210111000101	Bolt	4	
3	13503802	Trim cover main body	1	

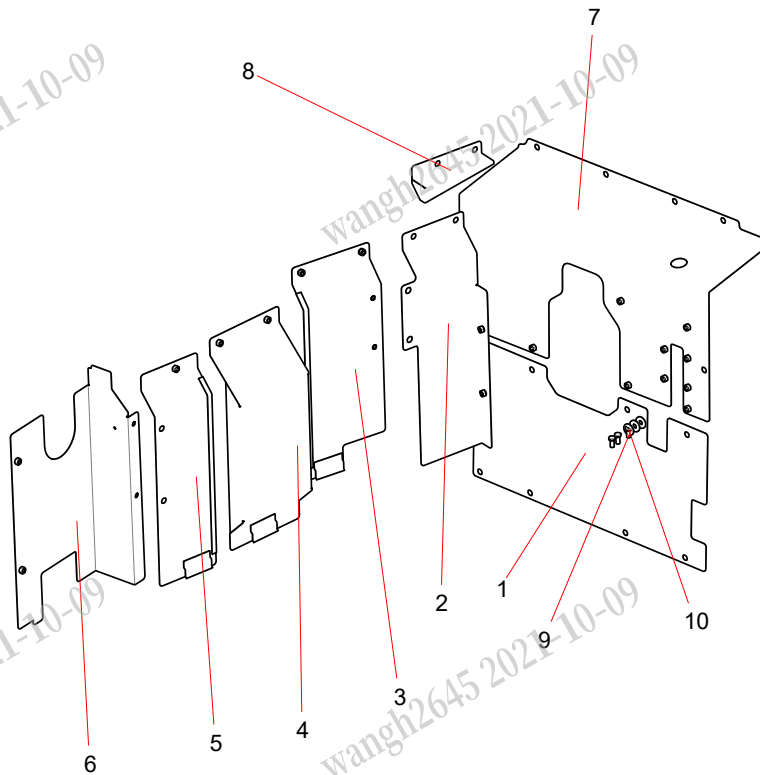
14221574 hand rail



5-22 covering parts assembly

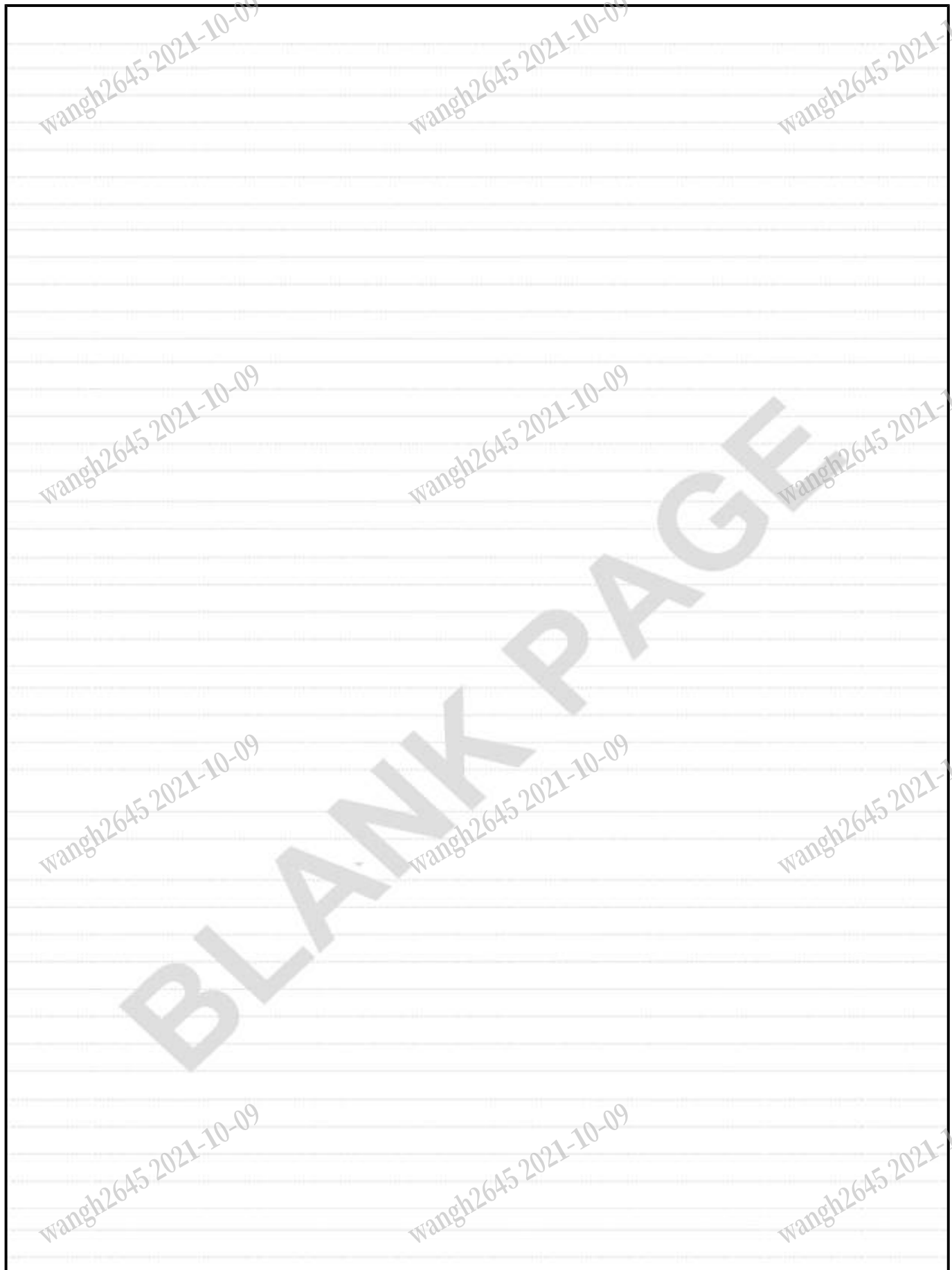
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210491000121	Washer	14	
2	A210111000101	Bolt	12	
3	13742573	Main hand rail body(II)	1	
4	130907000157A	Mirror,Rear	1	
5	13556376	Bracket for Rear Mirror	1	
6	13742592	Main hand rail body(I)	1	
7	13488842	Rubber Sleeve	1	
8	13488841	Fixed Clamp	1	
9	A210111000199	Bolt	2	
10	A210111000203	Bolt	2	
11	60060548	Washer	2	

14144378 plate



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14117605	clapboard	1	
2	14117711	Cover Plate	1	
3	14117786	plate	1	
4	14117919	clapboard	1	
5	14117998	plate	1	
6	14117874	Left spacing plate	1	
7	14117687	main pump clapboard	1	
8	14117604	plate	1	
9	A210111000101	Bolt	30	
10	60060548	Washer	30	

14144378 plate

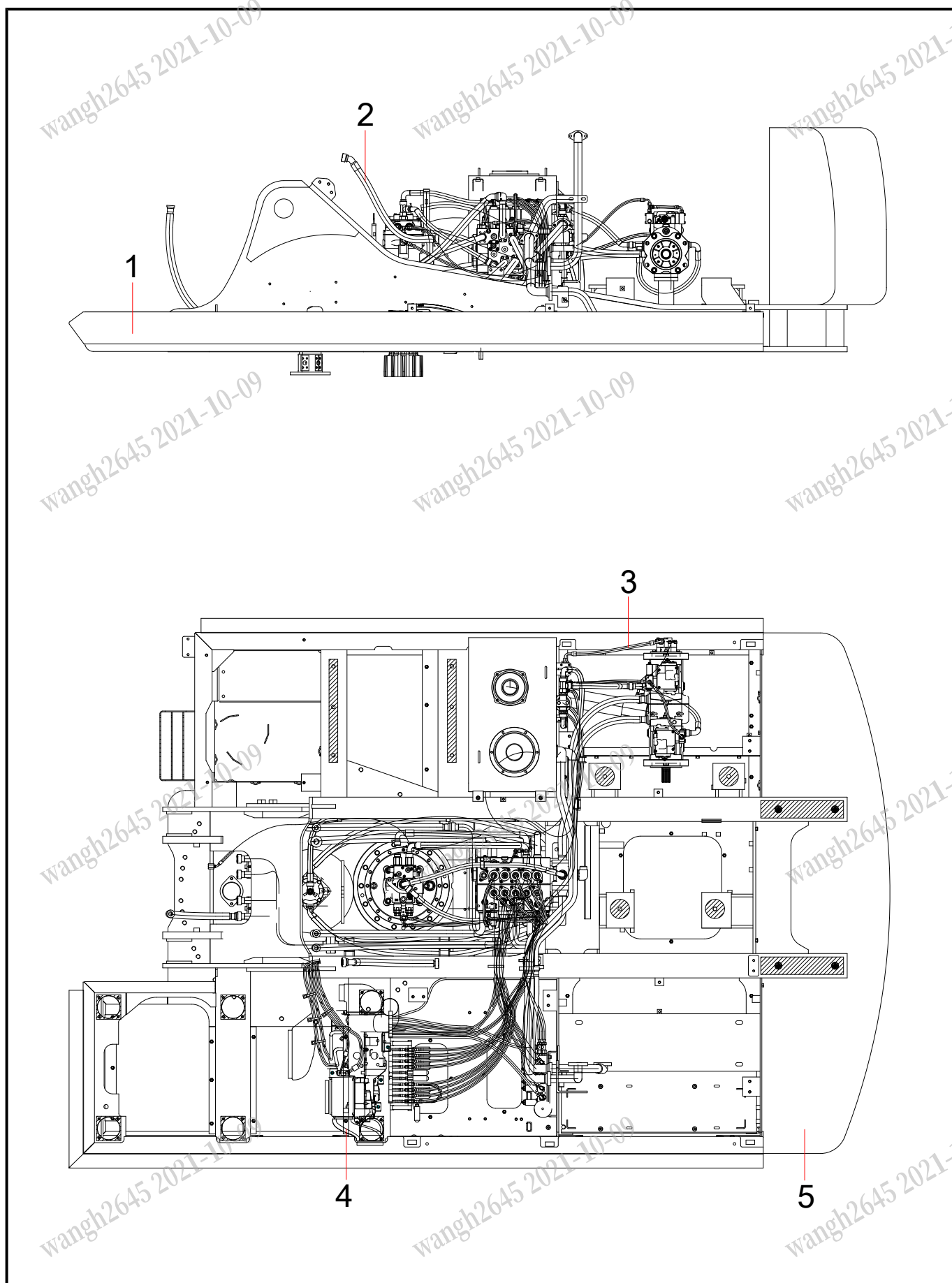


5-26 covering parts assembly

Group 6

upper carriage assembly

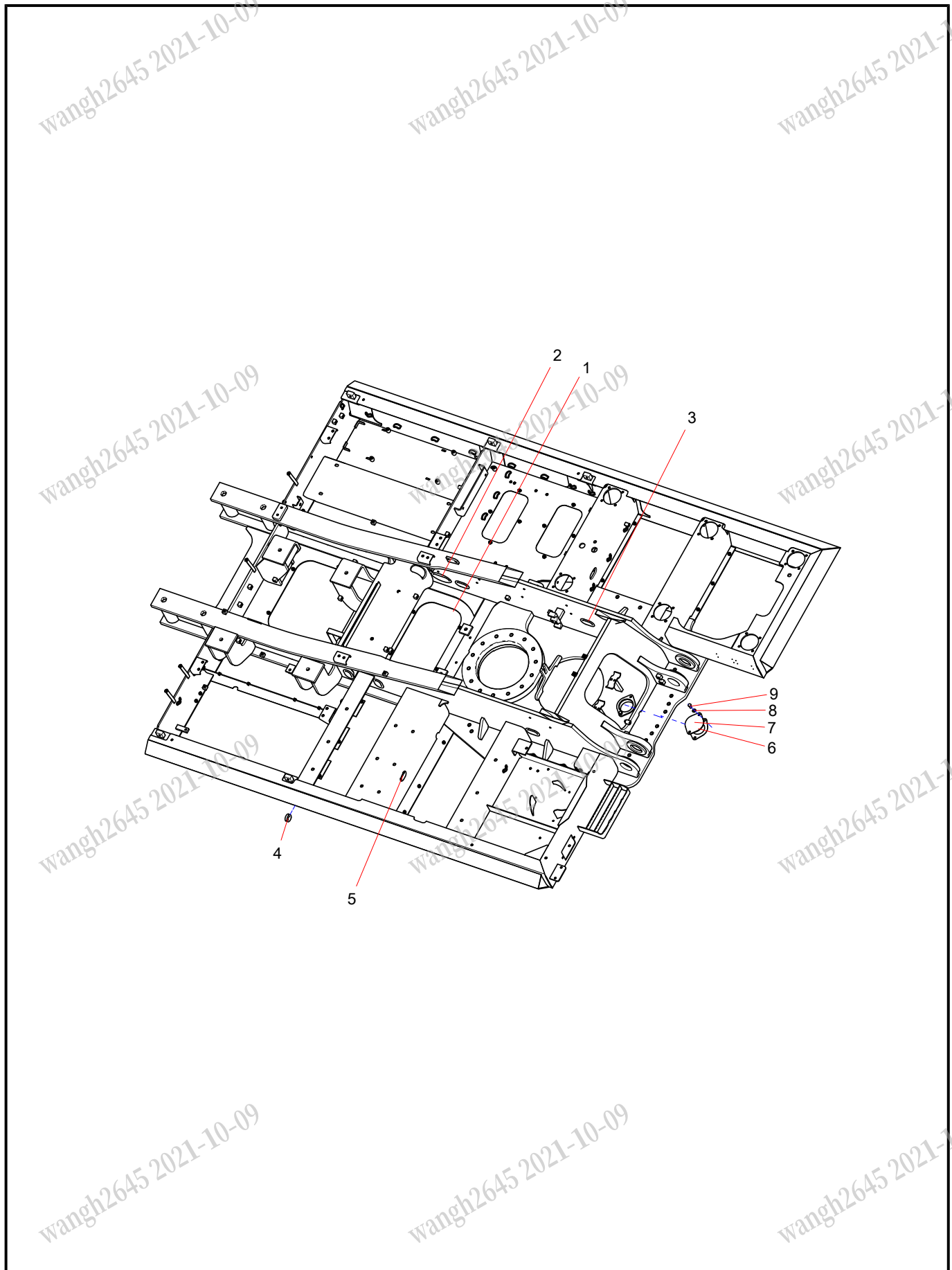
14159717 upper carriage assembly



6-2 upper carriage assembly

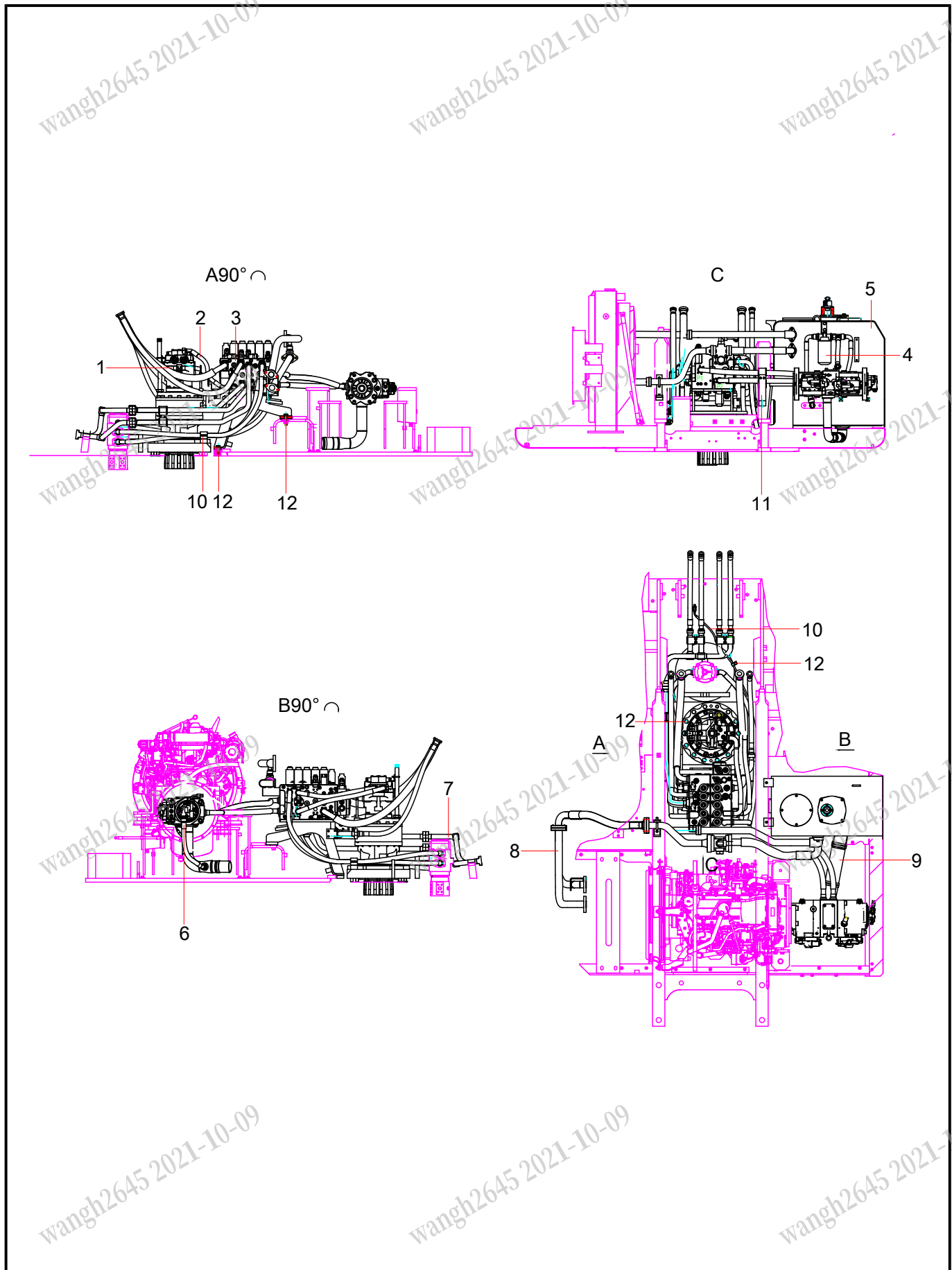
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14220676	revolving frame assembly	1	6-4
2	14159157	Hydraulic Main Pipeline	1	6-6
3	14159160	Hydraulic Pilot Pipeline	1	6-82
4	14157644	air conditioning	1	6-108
5	14253421	counterweight assebmly	1	6-122

14220676 revolving frame assembly



6-4 upper carriage assembly

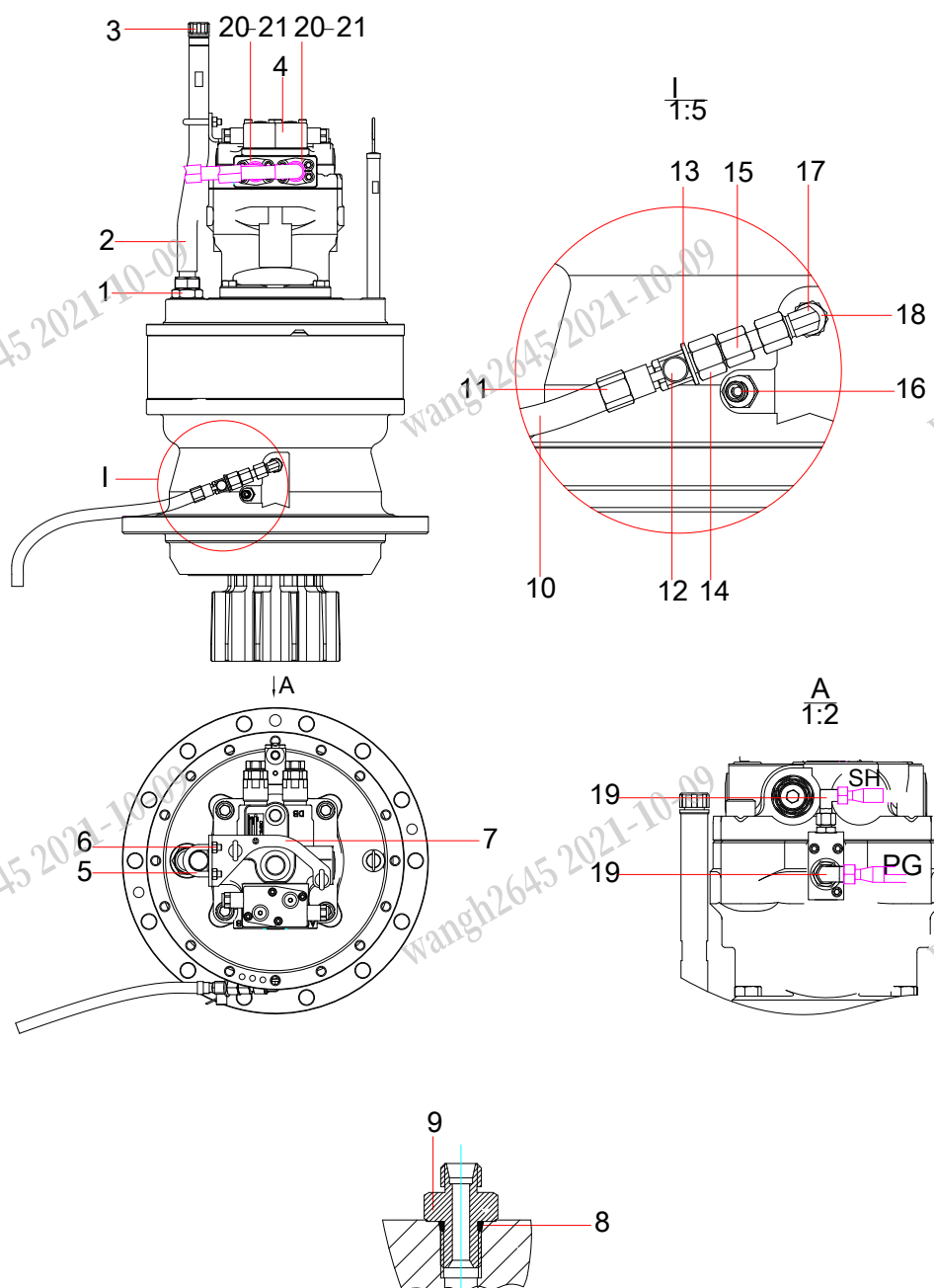
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14119315	revolving frame	1	
2	13215448	Protective sleeve	1	
3	13215451	Protective sleeve	8	
4	13215447	Protective sleeve	2	
5	12212275	Protective sleeve	2	
6	A820606030364	Gasket	1	
7	A820101117871	Cover	1	
8	24000639	Washer	2	
9	A210111000202	Bolt	2	



6-6 upper carriage assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14163820	rotary motor assembly	1	6-8
2	14163856	Oil fill pipe line	1	6-24
3	14163810	Main vavle main pipeline	1	6-26
4	14164571	Oil draining pipeline	1	6-50
5	14164564	Hydraulic oil tank installation	1	6-54
6	14163793	Main pump pipeline	1	6-60
7	14163825	pipe fixing	1	6-70
8	14164559	Oil return pipeline	1	6-72
9	14164346	Suction Pipeline	1	6-74
10	14215077	hydraulic rubber clamp assembly	1	6-76
11	14215107	Pump and valve hose assembly cabinet support installation	1	6-78
12	14215227	Returning mechanism and main valve assembly	1	6-80

14163820 rotary motor assembly

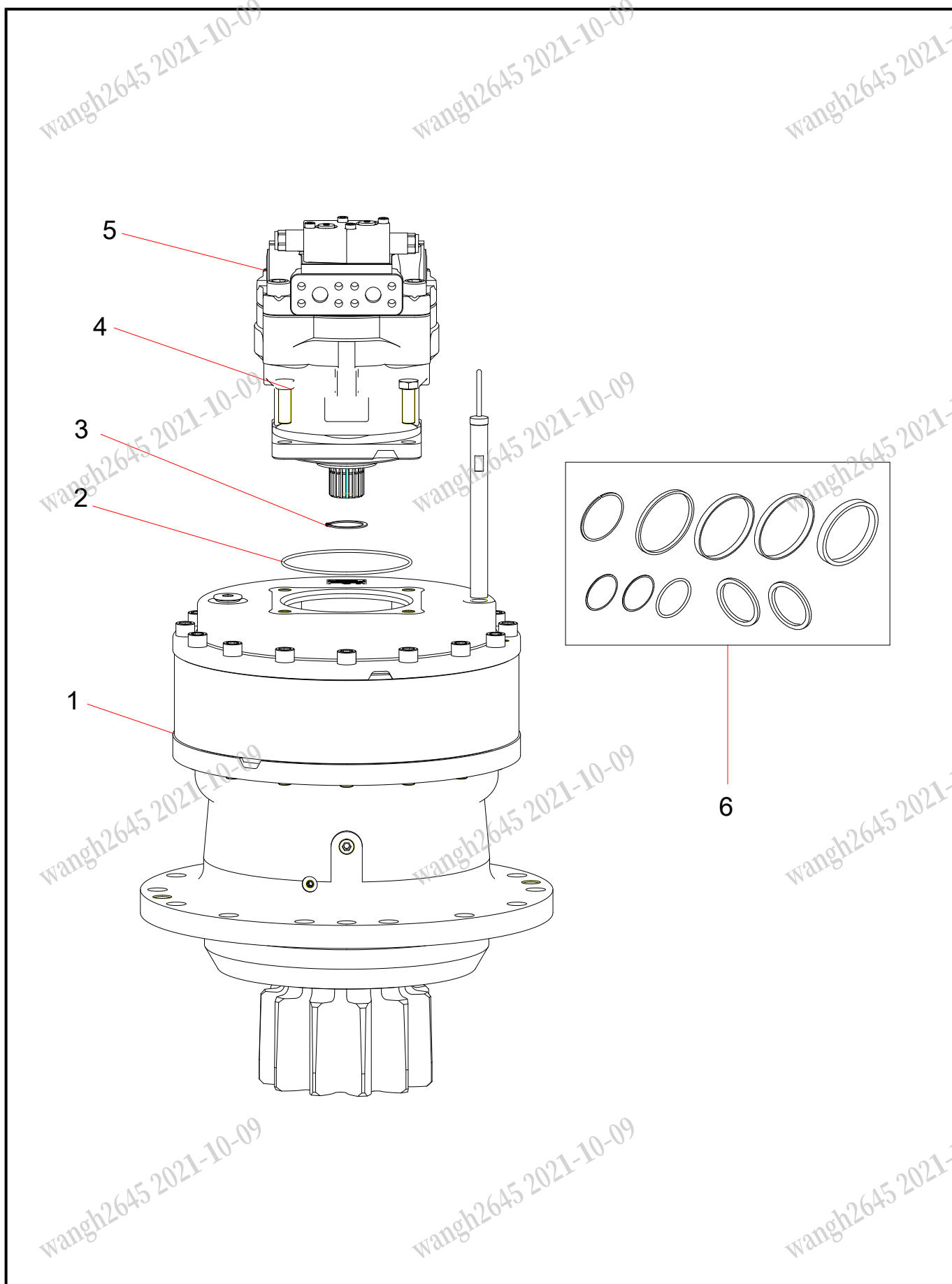


相似结构油口 :
Similar Structure Oil Port:
PG、SH

6-8 upper carriage assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A820205002352	Connector	1	
2	13186700	Motor Oil Filler Pipe	1	
3	60263201	Vent Cap	1	
4	14159228	reducer assembly	1	6-10
5	11160698	U-bolt	1	
6	A210307000017	Nut	2	
7	13186699	Plate	1	
8	B230101000047	O-ring	2	
9	A820205000940	Fitting	2	
10	SSY005166317	pipe joint	1	
11	A229900001347	Hose Hoop	1	
12	B220401000916	Valve Assembly, Drain	1	
13	60006360	Washer, Copper	1	
14	10137010	Connector	1	
15	B210780001426	Connector	1	
16	A820205002483	Transition Connector	1	
17	B210780000024	Fitting, Elbow	1	
18	A820205002283	Connector	1	
19	B210780000418	Fitting, Elbow	2	
20	B210780000696	Split Flange	4	
21	A210204000354	Screw	8	

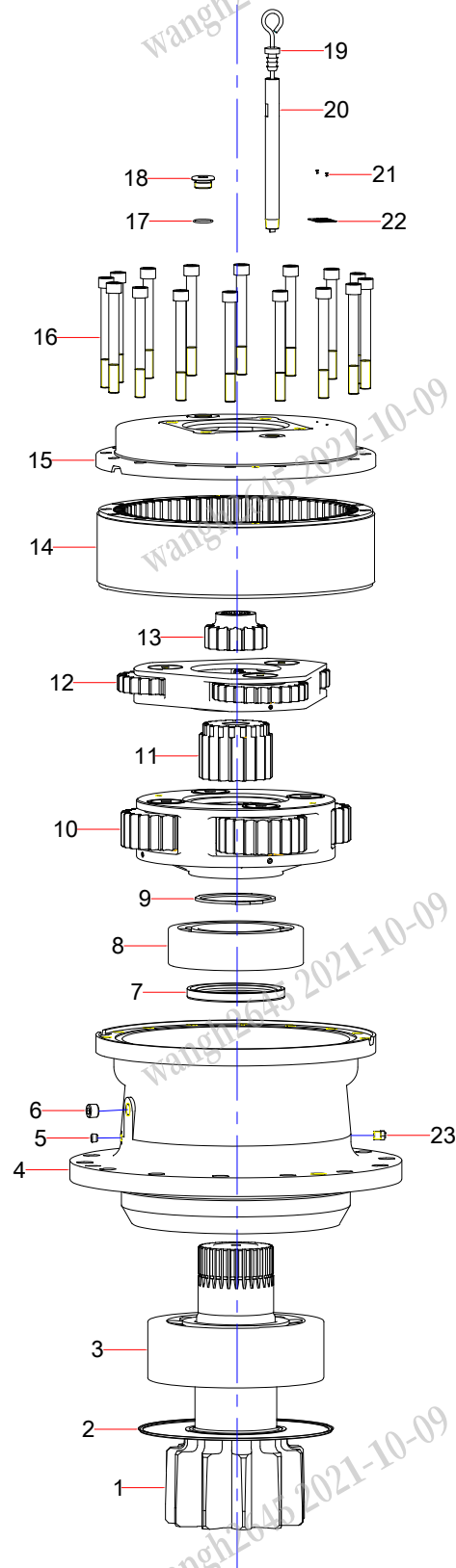
14159228 reducer assembly



6-10 upper carriage assembly

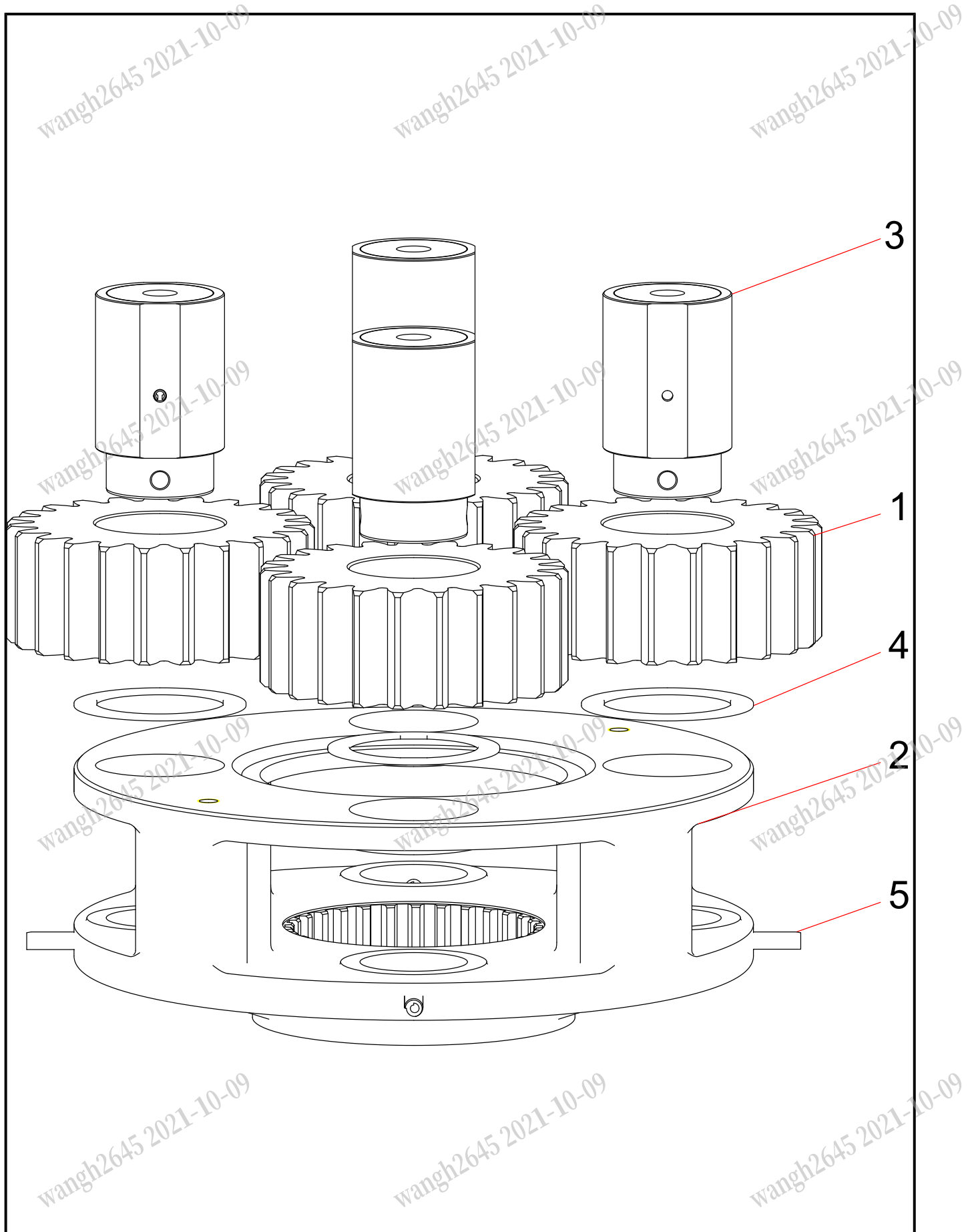
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14159227	reducer assembly	1	6-12
2	A210609000359	O-ring	1	
3	A210414000030	Retainer Ring	1	
4	A210111000106	Bolt	4	
5	60180837	Rotary Motor	1	6-18
6	60204228	Maintenance Bag Of Slewing Gear	1	

14159227 reducer assembly

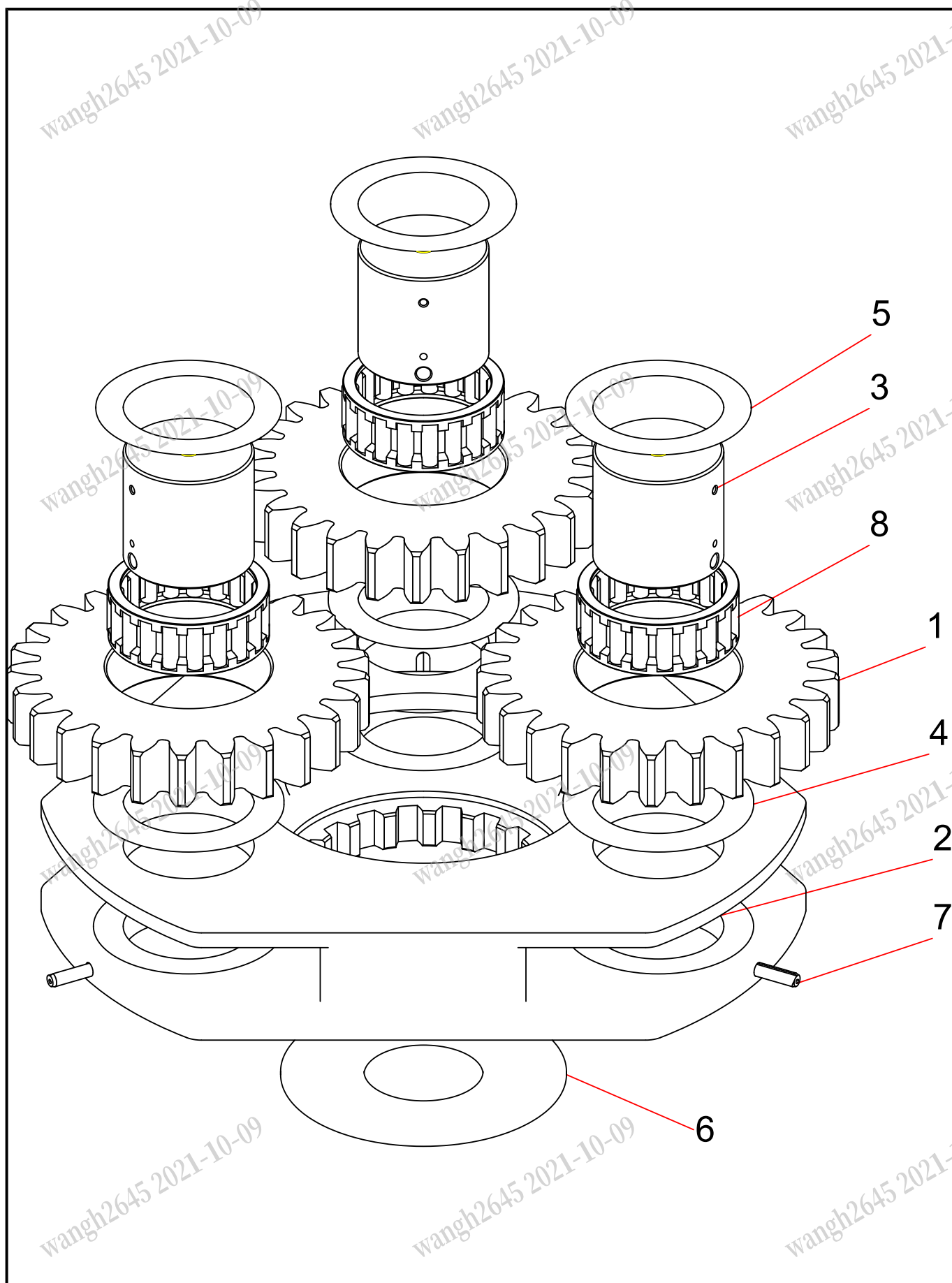


6-12 upper carriage assembly

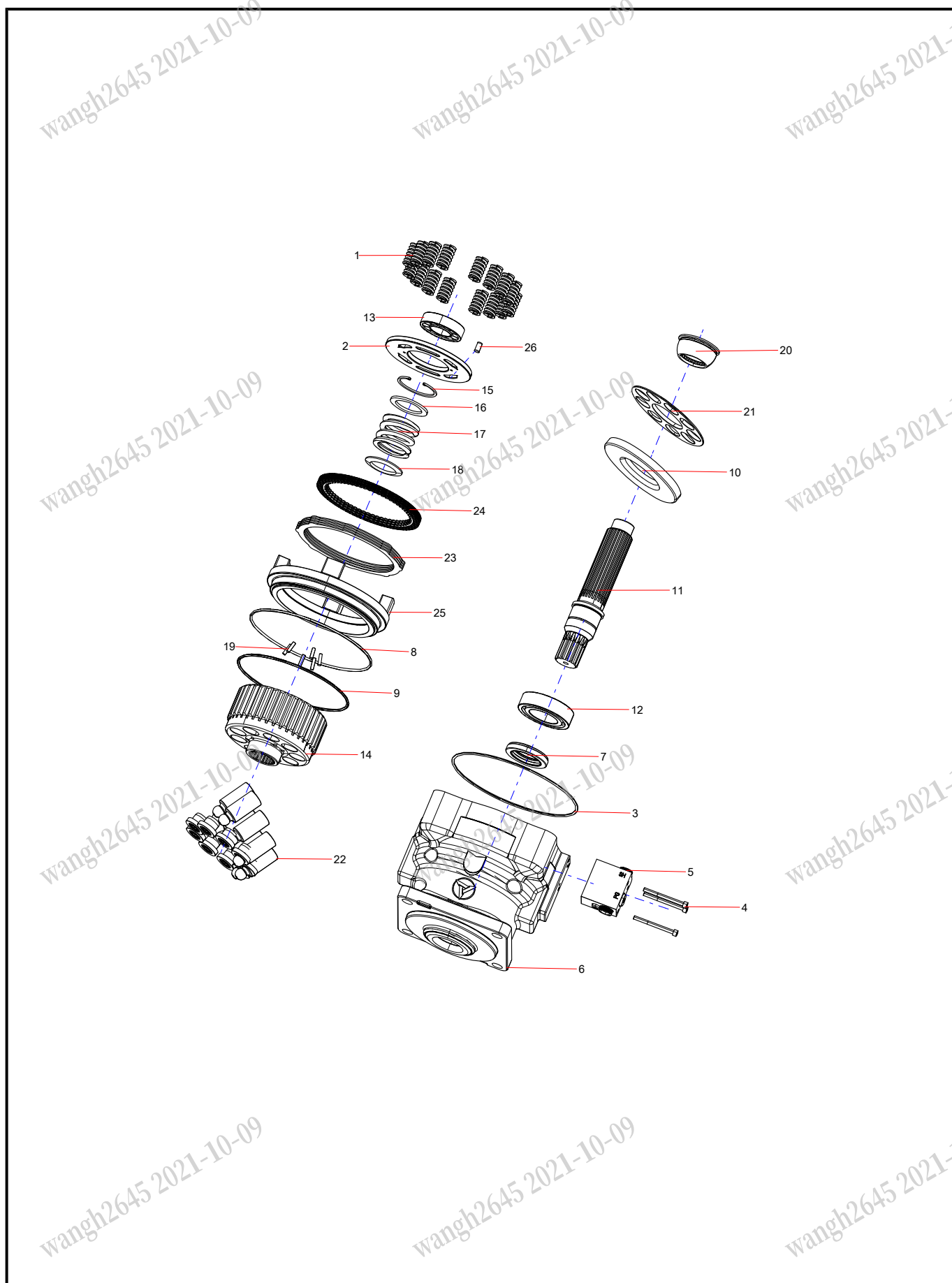
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14159226	Outputting Shaft	1	
2	11330811	Anti-dust Baffle Ring	1	
3	60194589	Rolling bearing	1	
4	13752922	Fixed Seat	1	
5	A210342000003	Screw Plug	1	
6	A210342000009	Plug Screw-ZG1/2(JB/EQ4446)	1	
7	60058366	Oil Seal	1	
8	60058817	Spherical rolling bearing	1	
9	120108030058B	Retaining Ring	1	
10	13752940	Planetary carrier assembly II	1	6-14
11	13752923	Sun Gear2	1	
12	13752936	Planetary carrier assembly I	1	6-16
13	13752925	Sun Gear I	1	
14	13752924	Inner Gear Ring	1	
15	13752926	end cover	1	
16	60312577	Screw	16	
17	B230101000356	O-ring	1	
18	12457643	Plug	1	
19	13752928	Oil Scale	1	
20	13752927	Oil Pipe II	1	
21	12498088	Quick Rivet	2	
22	13815749	Name Plate	1	
23	60052005	Safety Valve	1	



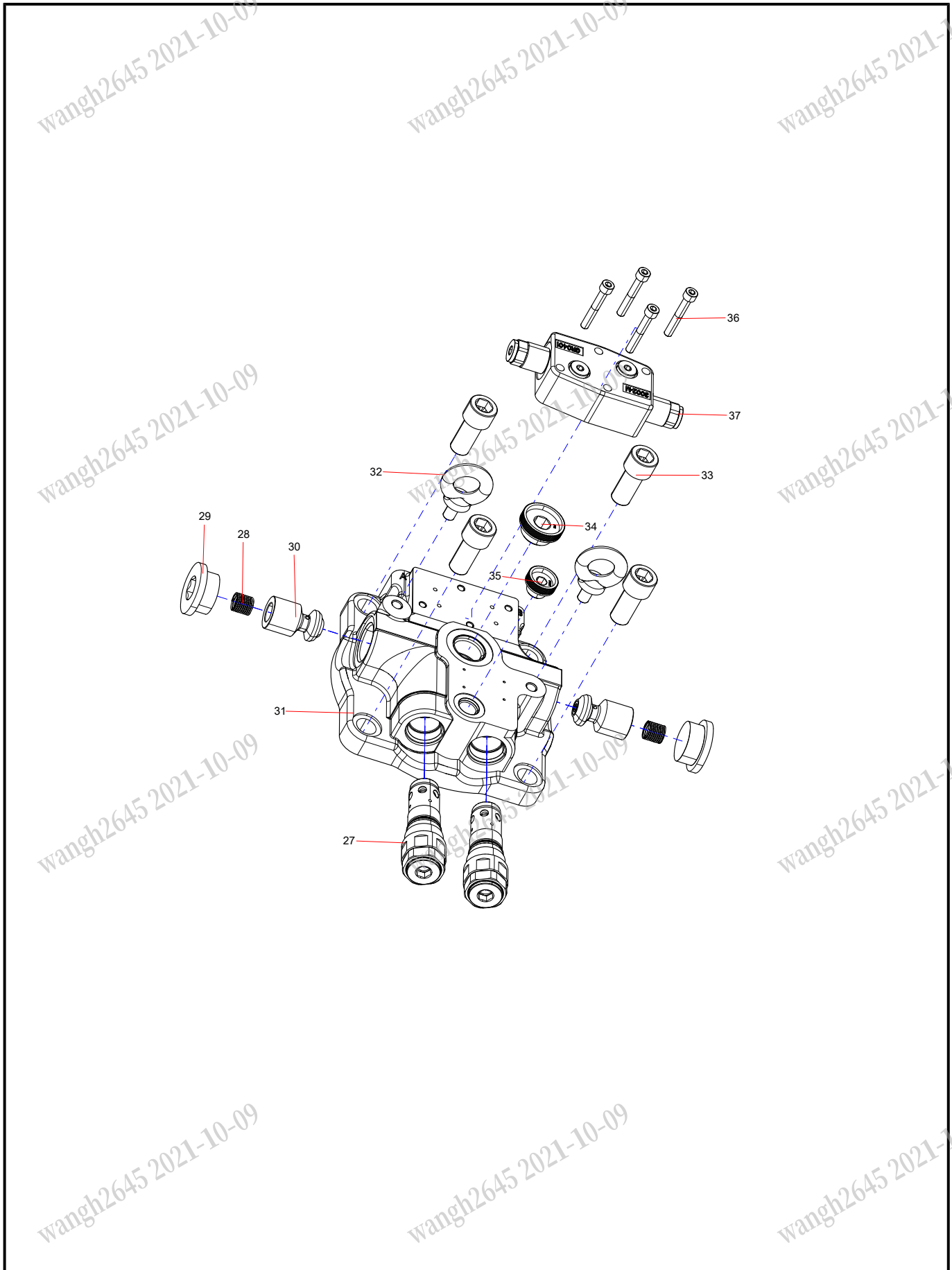
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13752938	Planetary Gear II	4	
2	13752937	Planetary Carrier II	1	
3	13752943	Planetary Shaft Component	4	
4	13752939	Retainer Ring III	4	
5	13431501	Pin	4	



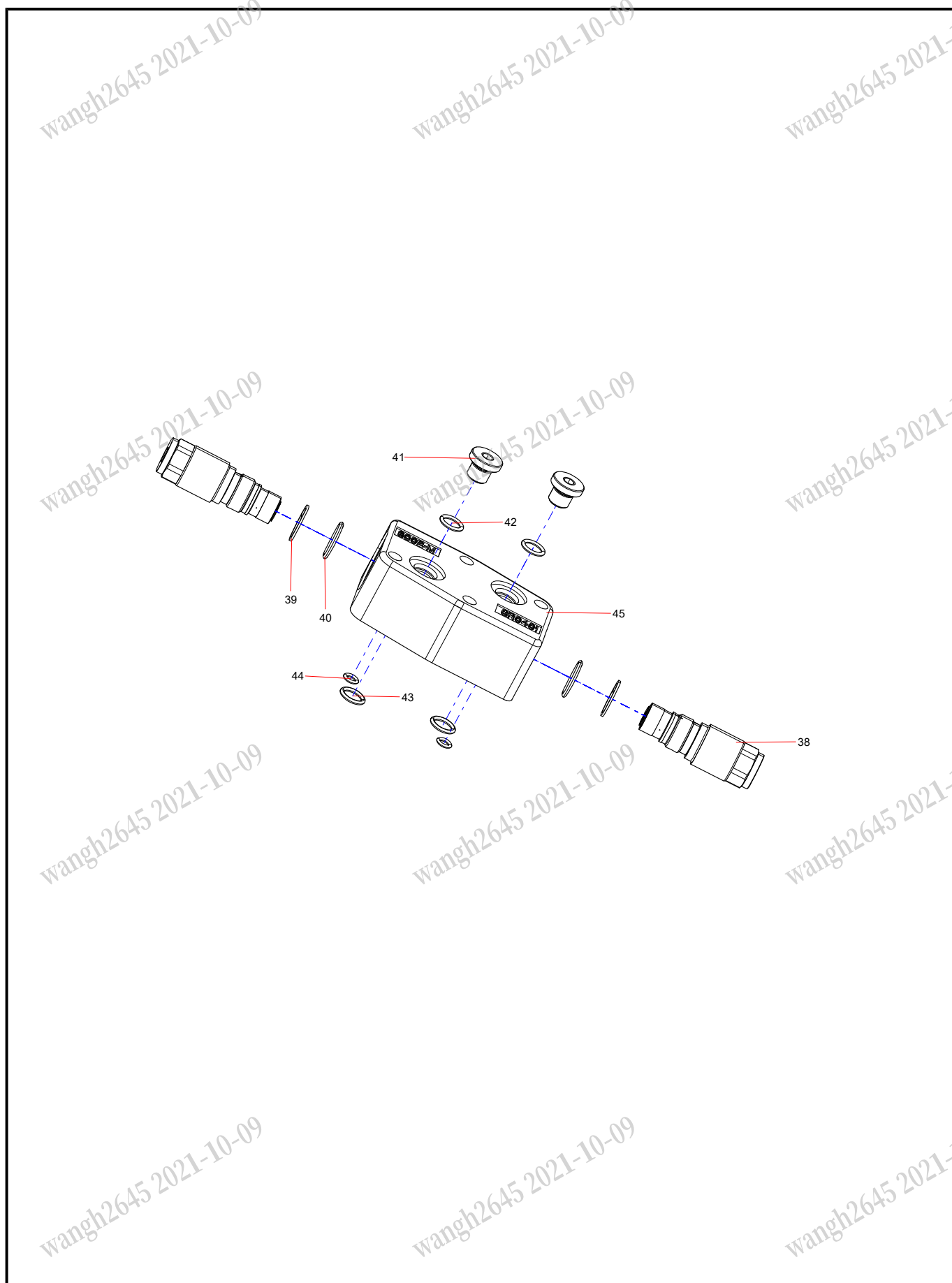
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13752933	Planetry Gear1	3	
2	13752930	Planetary Carrierl	1	
3	13752932	Planetry Shaft 1	3	
4	13752931	Retainer Ringl	3	
5	13752935	Retainer Ringll	3	
6	13752934	Retainer Board	1	
7	13536672	Set	3	
8	60307007	Needle Bearing	3	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60039405	Brake Spring	16	
2	60203917	Tray Oil Distribution	1	
3	60039429	O-ring	1	
4	60008845	Bolt	3	
5	B220401000688	Swing Motor Delay Valve	1	
6	60081480	Casing A	1	
7	60039294	Oil Seal	1	
8	60039426	O-ring	1	
9	60039425	O-ring	1	
10	60039375	Oil Pan	1	
11	60081466	Shaft Drive	1	
12	60039303	Cylindrical Ball Bearing	1	
13	60039302	Cylindrical Ball Bearing	1	
14	60039338	Cylinder	1	
15	A880804040062	Retainer Ring	1	
16	11576466	Washer	1	
17	11576465	Spring	1	
18	11576464	Washer	1	
19	60084652	Needle Roller	6	
20	SLM004913925	Ball Guide	1	
21	60039382	Bracket	1	
22	60081457	Assy Piston	9	
23	B229900003195	30T Slewing Brake Active Pad	4	
24	B229900003194	30T Slewing Brake Follower	3	
25	60039406	Brake Piston	1	
26	60039385	Pin	2	

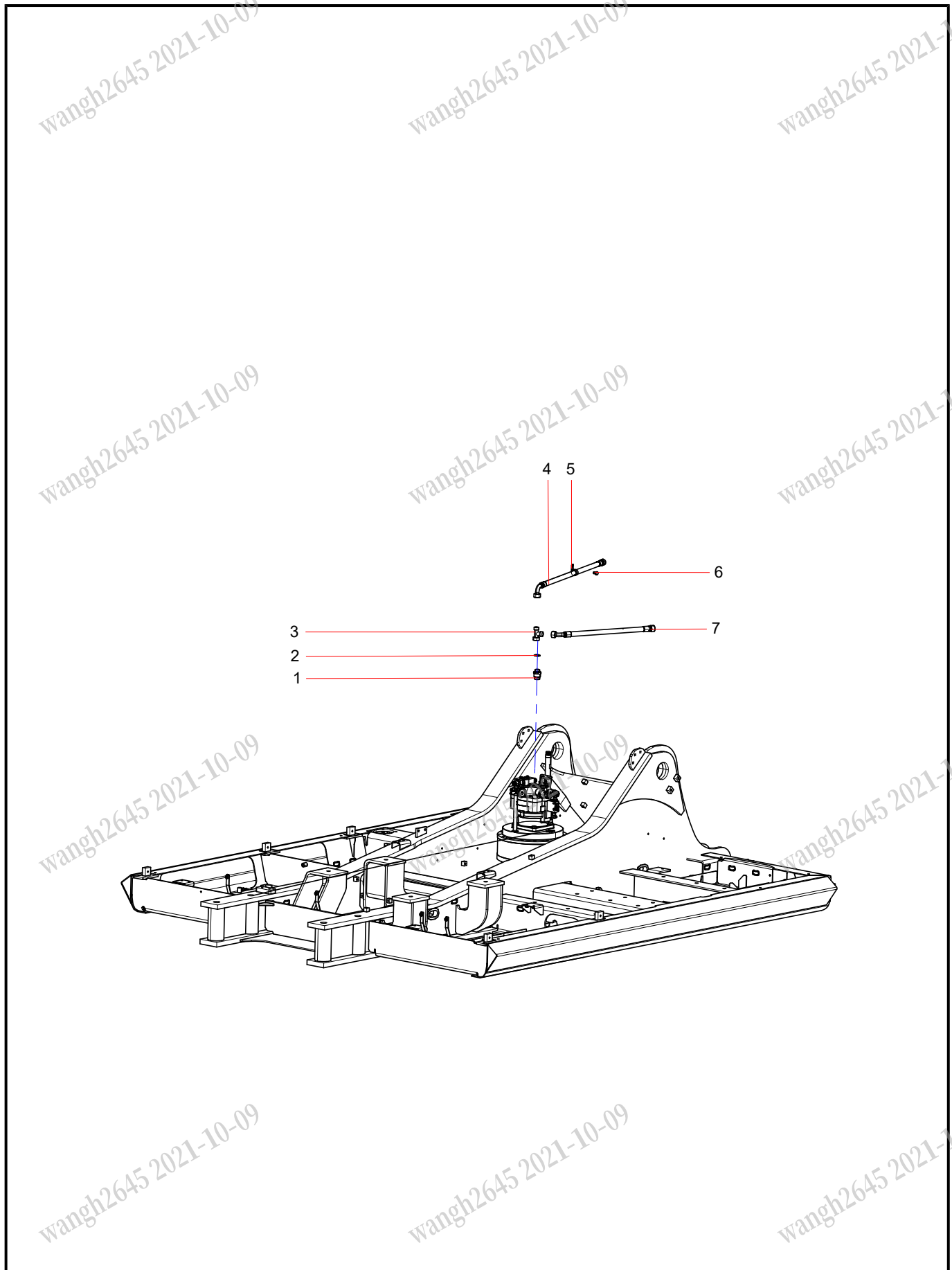


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
27	60110639	Valve Relief V2Cz	2	
28	60081437	Spring H	2	
29	60039401	Oil Plug	2	
30	60039351	Piston	2	
31	60039358	Shell Assembly	1	
32	A313251202803	Screw	2	
33	60039367	Screw Hex S.H.C	4	
34	60331166	Plug Masking	1	
35	60314935	Plug	1	
36	60039369	Screw Hex S.H.C	4	
37	150288000001	Valve	1	



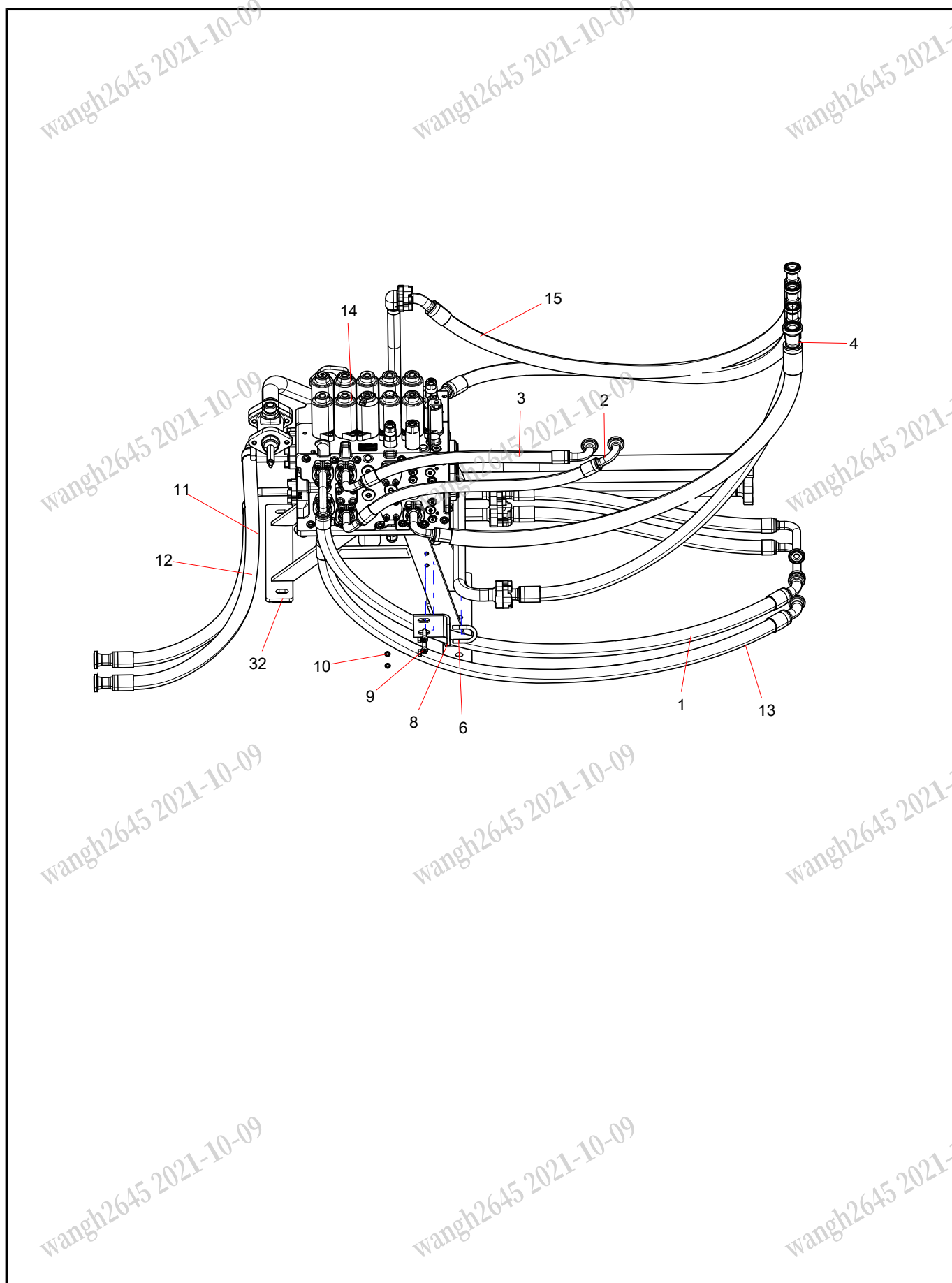
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
38	60008753	Anti-reverse Valve	2	
39	60039404	Ring Back-Up	2	
40	60008707	O-ring	2	
41	60008711	Plug	2	
42	60221658	O-ring	2	
43	60008699	O-ring	2	
44	60221603	O-ring	2	
45	60008793	Valve Body	1	

14163856 Oil fill pipe line

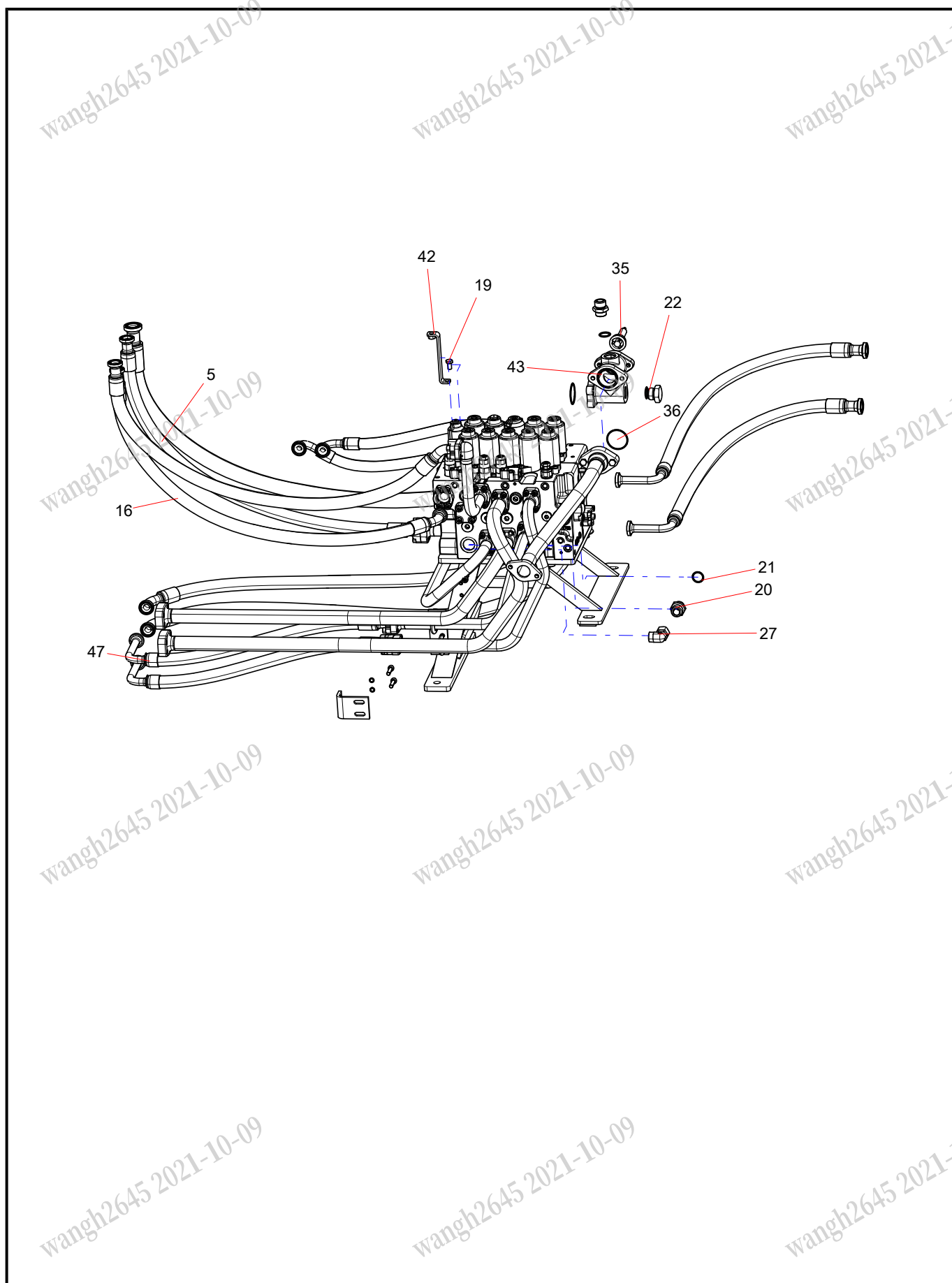


6-24 upper carriage assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	11567267	G1-M30 connector	1	
2	B230101000050	O-ring	1	
3	B210780000018	Tee Joint	1	
4	60101300	Rubber Hose	1	
5	60086356	Harness Fixed Frame	1	
6	A210111000199	Bolt	1	
7	60213511	rubber hose	1	

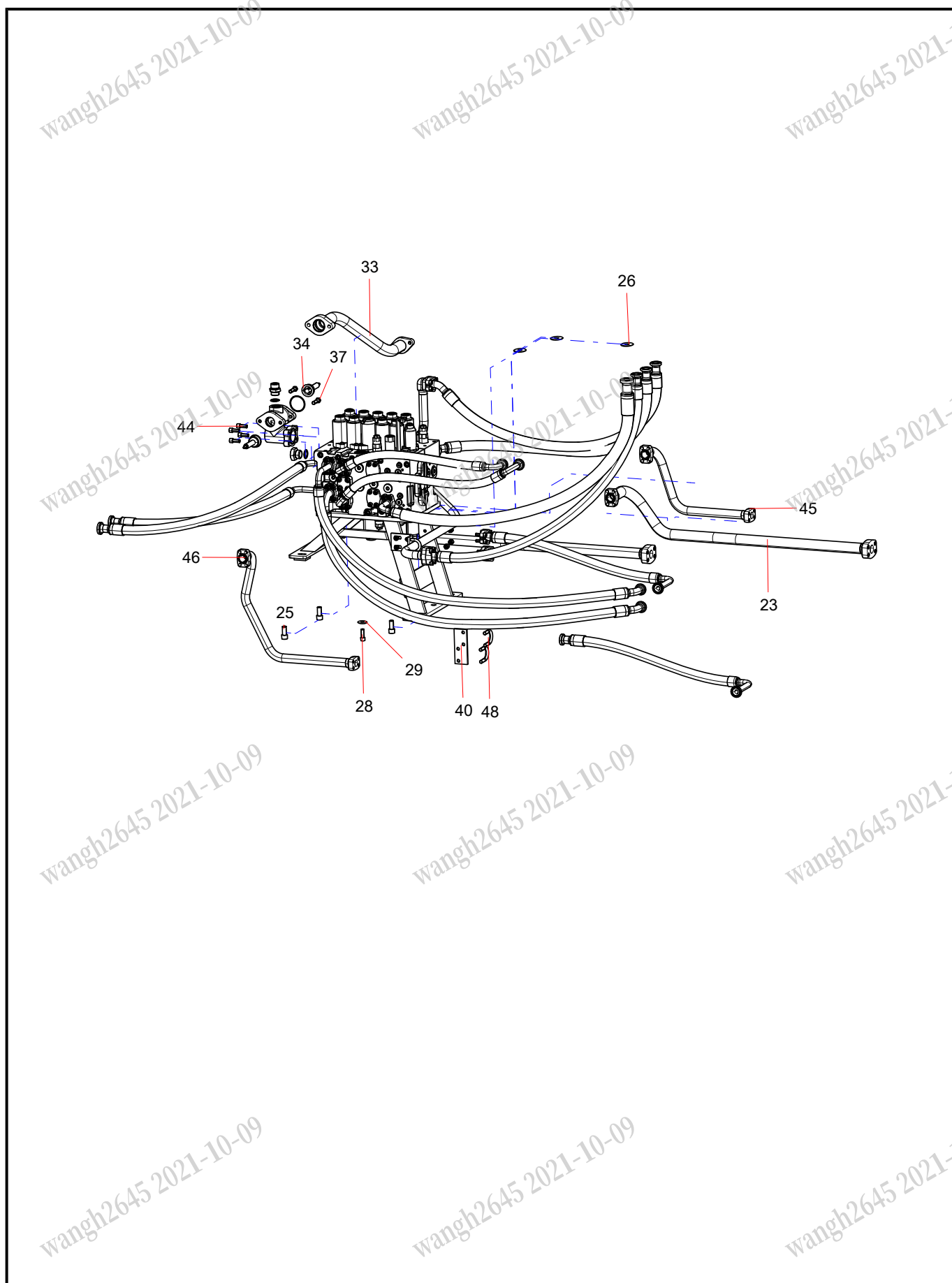


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	61007083	Rubber hose	1	
2	151007210037A	Rubber Hose	1	
3	61012257	Rubber hose	1	
4	60156182	RubberHose	1	
6	11160698	U-bolt	1	
8	11144202	Bracket	1	
9	A210204000355	Screw	2	
10	24000512	Washer	2	
11	60260429	Rubber hose	1	
12	60246153	Rubber Hose	1	
13	61007085	Rubber hose	1	
14	61007457	Multi-port valve	1	6-34
15	60128286	Rubber Hose	1	
32	14050571	main valve frame	1	



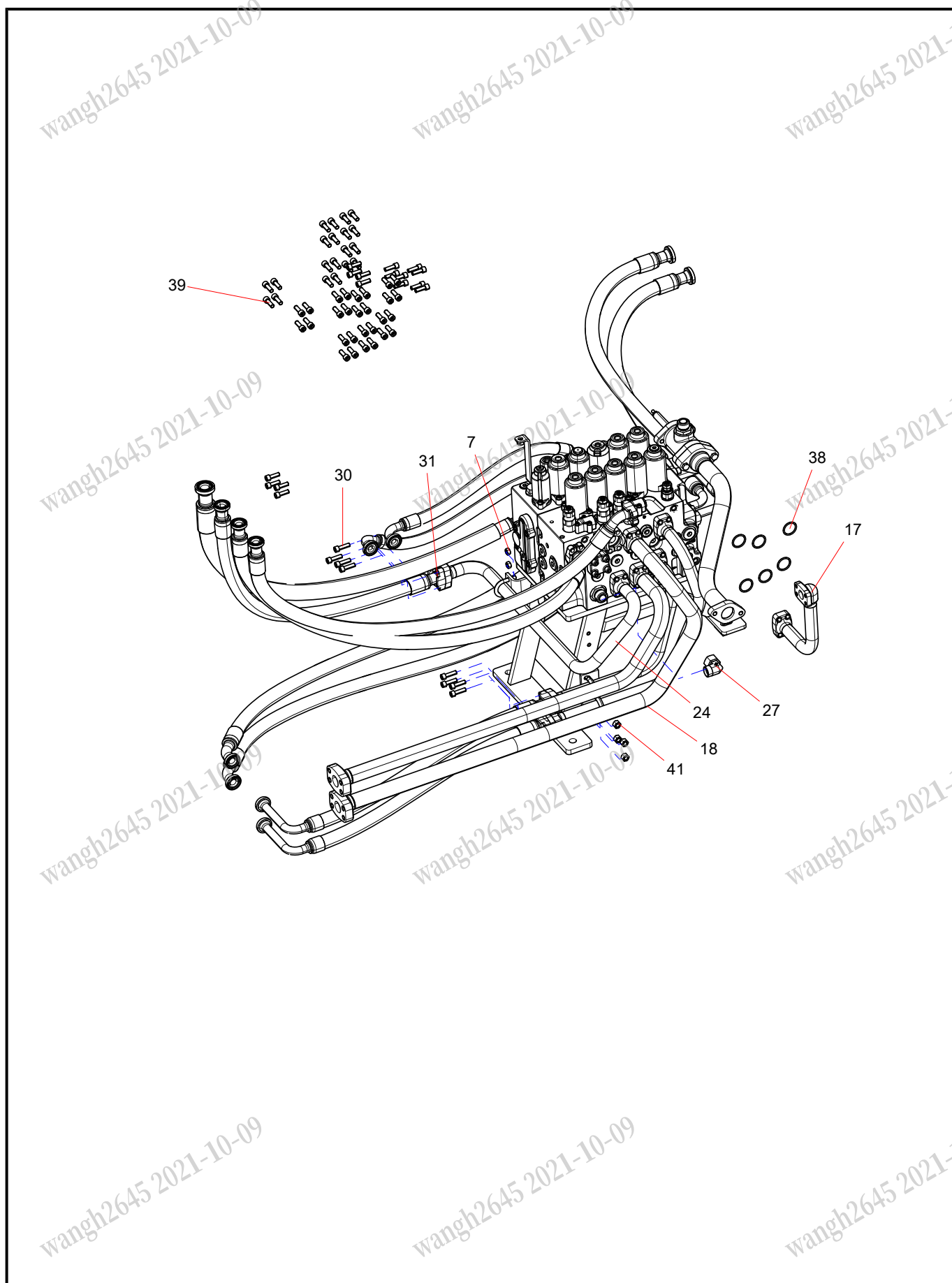
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
5	60346243	Rubber hose	1	
16	61007081	Rubber hose	1	
19	A210111000199	Bolt	1	
20	A820205000945	Connector	2	
21	B230101000050	O-ring	3	
22	A820205002644	Blockhead	1	
27	B210780000028	Elbow Combination Fitting	1	
35	61022088	one-way valve	1	
36	B230101000366	O-ring	2	
42	13717343	pipeline supporting assembly	1	
43	13786233	Oil Return Block	1	
47	61022603	Rubber hose	2	

14163810 Main valve main pipeline (3/4)

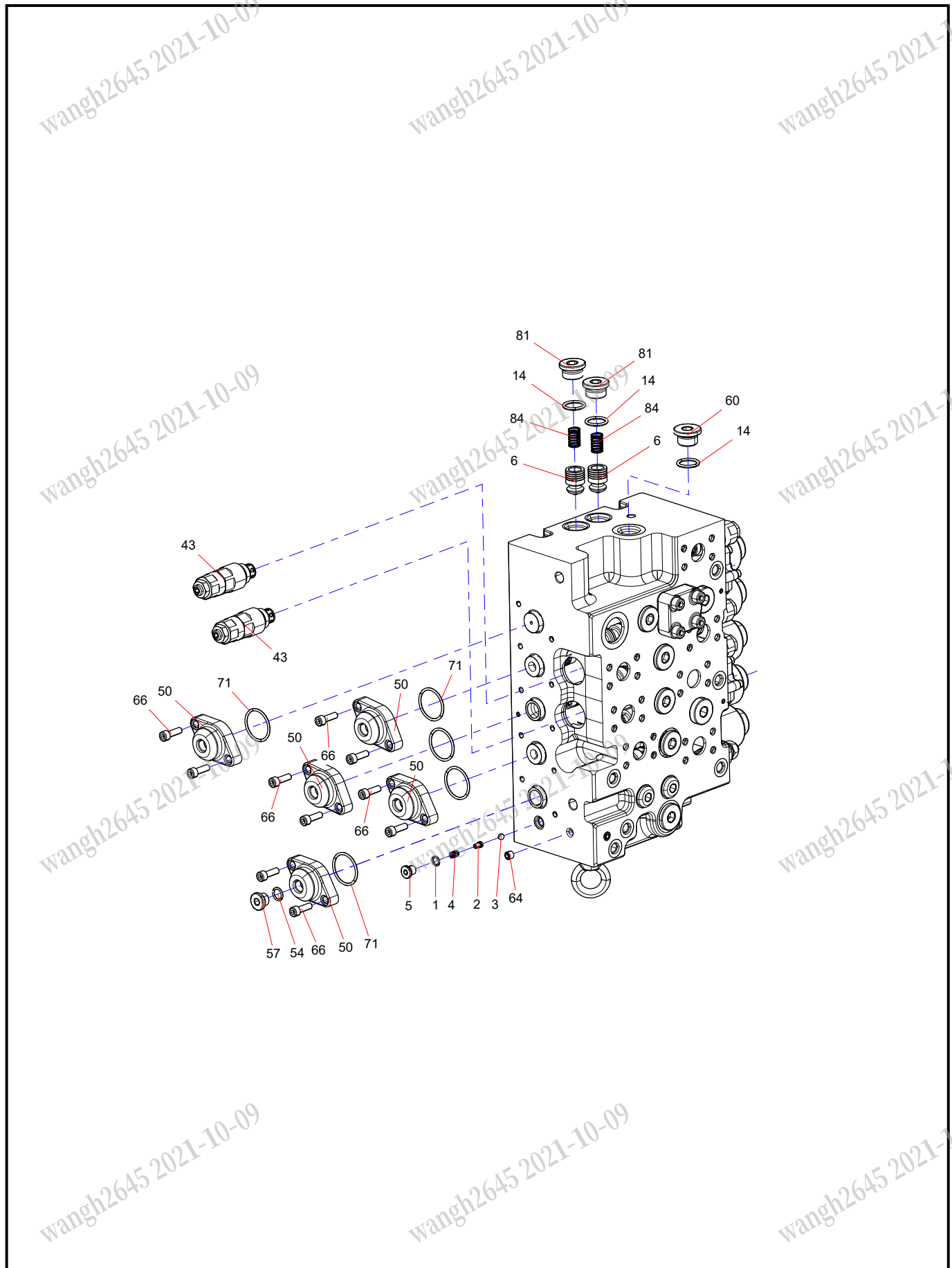


6-30 upper carriage assembly

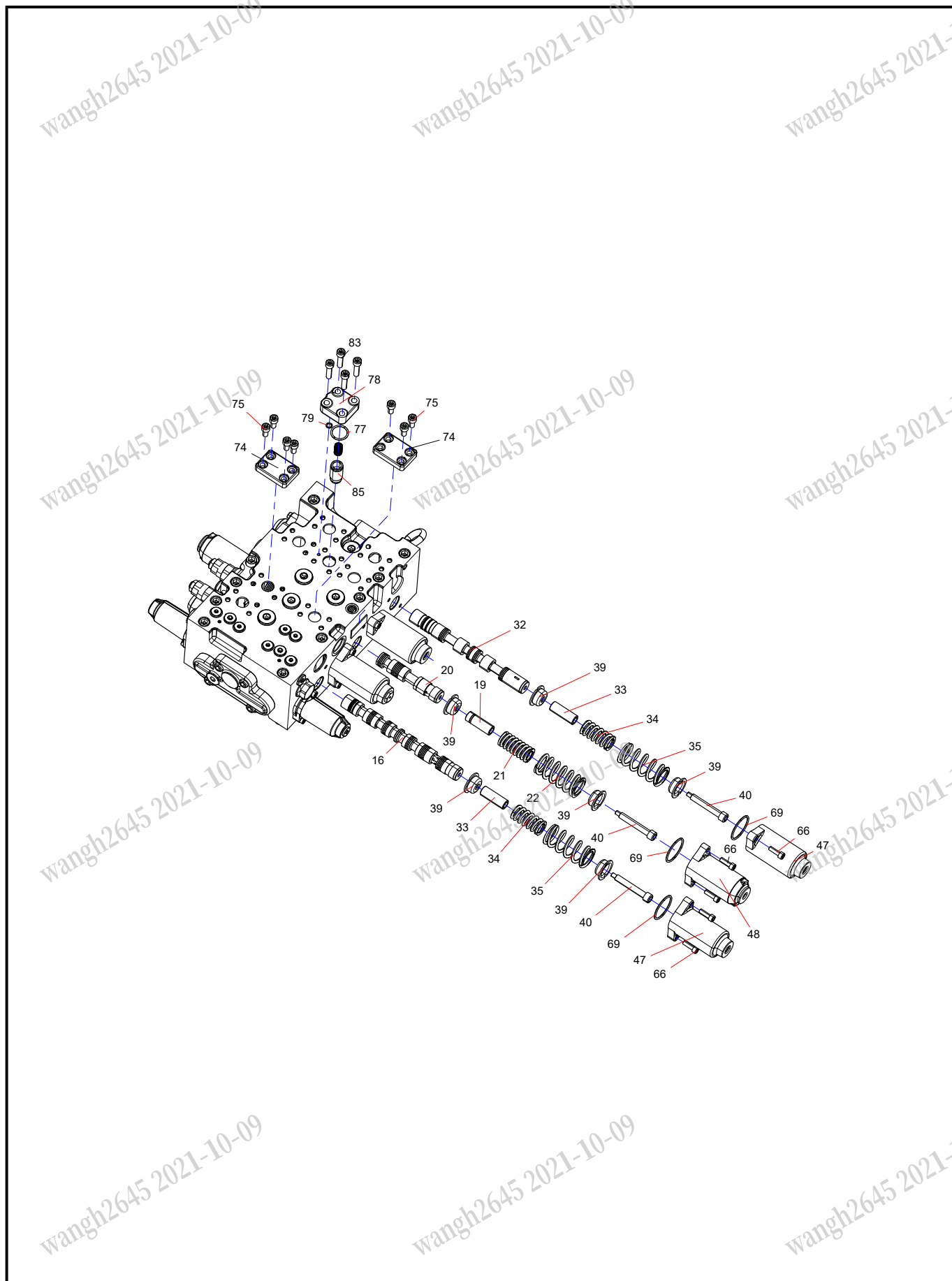
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
23	12256600	Movable boom steel tube assembly (down)	1	
25	A210204000198	Screw	3	
26	60060553	Washer	3	
28	A210204000206	Screw	1	
29	60060548	Washer	1	
33	14022204	oil return steel pipe	1	
34	61022087	one-way valve	1	
37	A210204000227	Screw	2	
40	11530825	plate	1	
44	A210204000337	Screw	4	
45	14243707	Steel Pipe Assy.(Left Lower)	1	
46	14243695	Travel Steel Pipe Assy.	1	
48	A820301013877	U-Bolt	2	



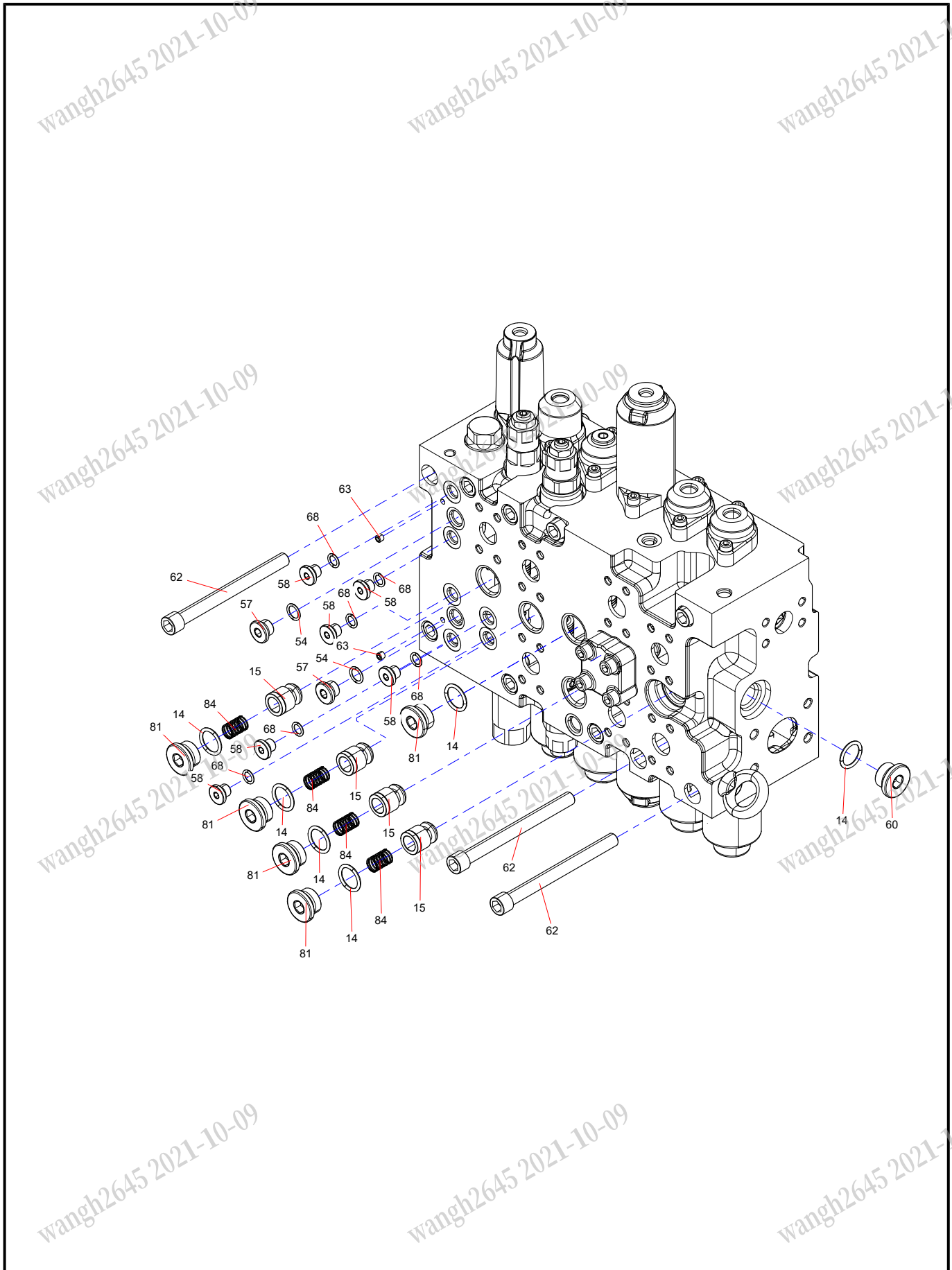
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
7	A210307000036	Nut	2	
17	11873498	steel tube assem	1	
18	12256585	Movable boom steel tube assembly (up)	1	
24	14115738	Steel Pipe Assy.	1	
27	B210780000028	Elbow Combination Fitting	1	
30	A210204000215	Screw	8	
31	B210780000244	Split Flange	24	
38	B230101000456	O-ring	6	
39	A210204000354	Screw	64	
41	A210307000031	Nut	4	



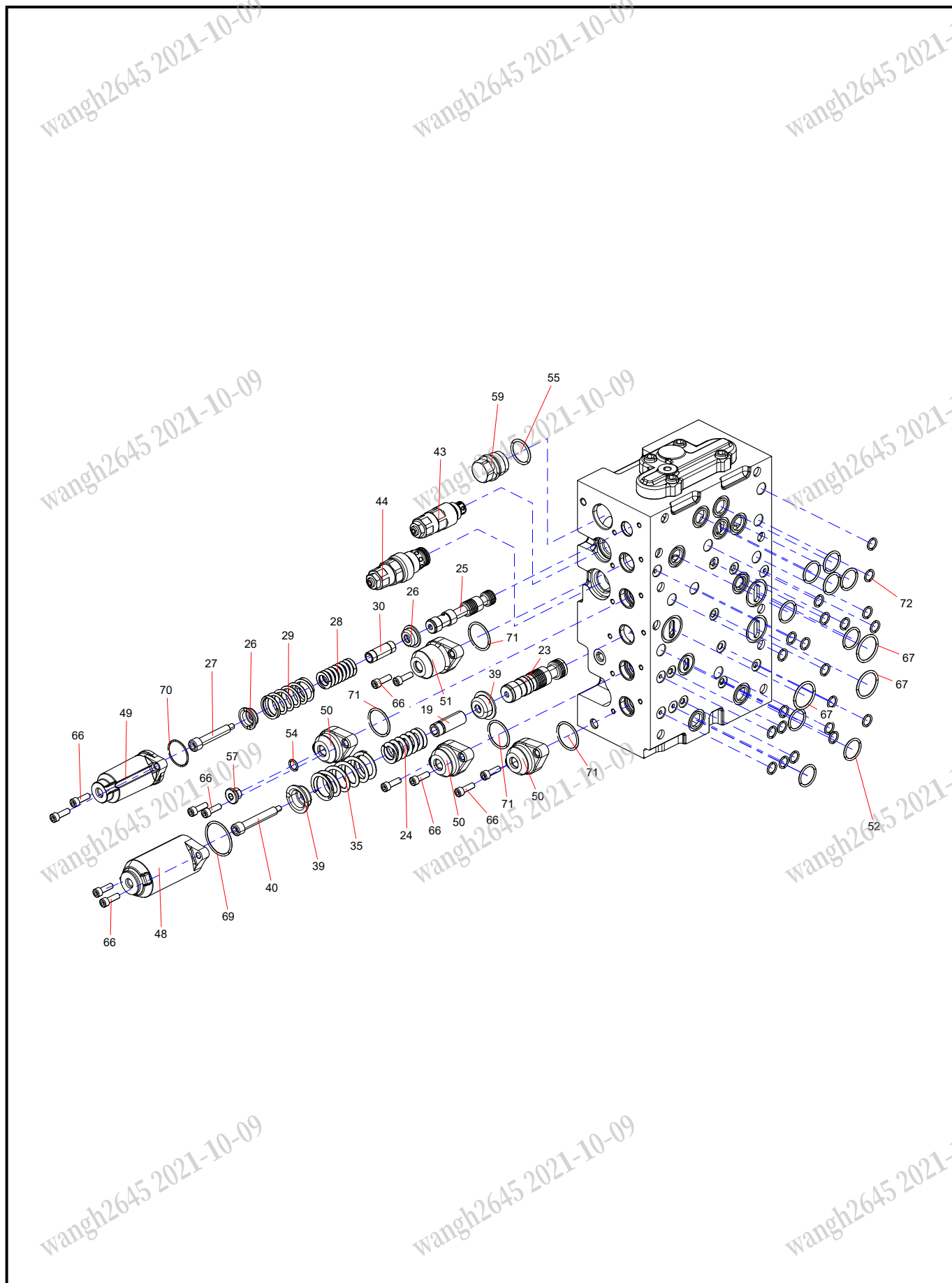
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60008696	O-ring	1	
2	60075575	Throttle Valve	1	
3	60075545	Ball	1	
4	60075592	Spring	1	
5	60008714	Plug	1	
6	60100475	Check Valve	2	
14	60008705	O-ring	17	
43	60100490	Throttle Valve	6	
50	60008789	Cover	8	
54	60008700	O-ring	7	
57	60008713	Plug	6	
60	60008712	Plug	3	
64	60008820	Plug	3	
66	60008721	Socket Head Cap Screw	44	
71	60050051	O-ring	9	
81	60008715	Plug	11	
84	60008817	Spring	11	



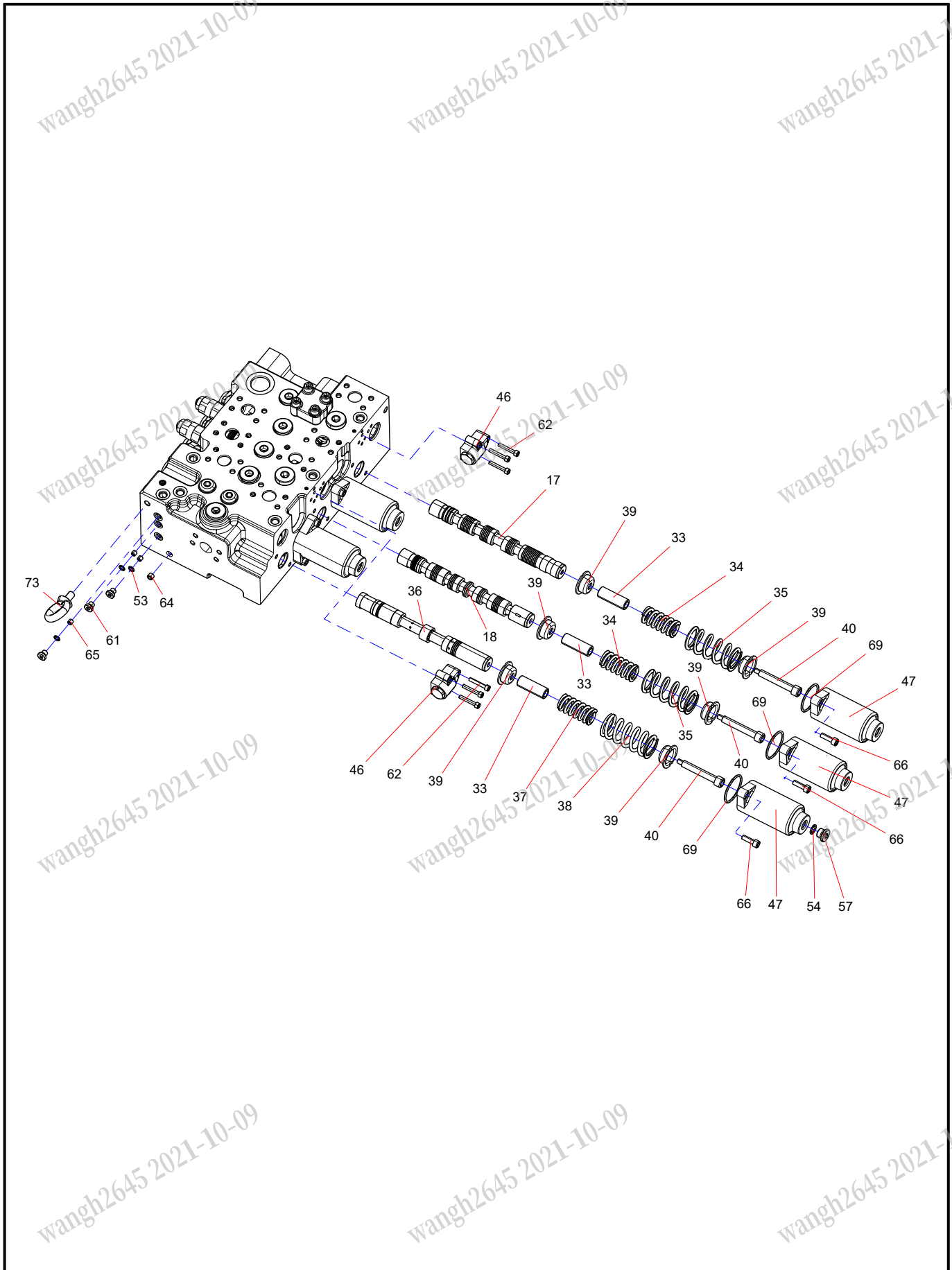
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
16	60307381	Arm spool I	1	
19	60008801	Retaining Ring	2	
20	60100480	Boom Spool II	1	
21	60008772	Spring	1	
22	60008771	Spring	1	
32	60307380	Travel spool	2	
33	60008818	Retaining Ring	9	
34	60008770	Spring	8	
35	60008769	Spring	9	
39	60008823	Seat	22	
40	60008819	Stud	11	
47	60100505	Spring Cover	9	
48	60100506	Spring Cover	2	
66	60008721	Socket Head Cap Screw	44	
69	60100514	O-ring	11	
74	60008781	Flange	2	
75	60008717	Bolt	8	
77	60038721	O-ring	1	
78	60307385	Block plate	2	
79	B230101000595	O-ring	1	
83	60100512	Socket Head Cap Screws	8	
85	60307386	Valve	2	



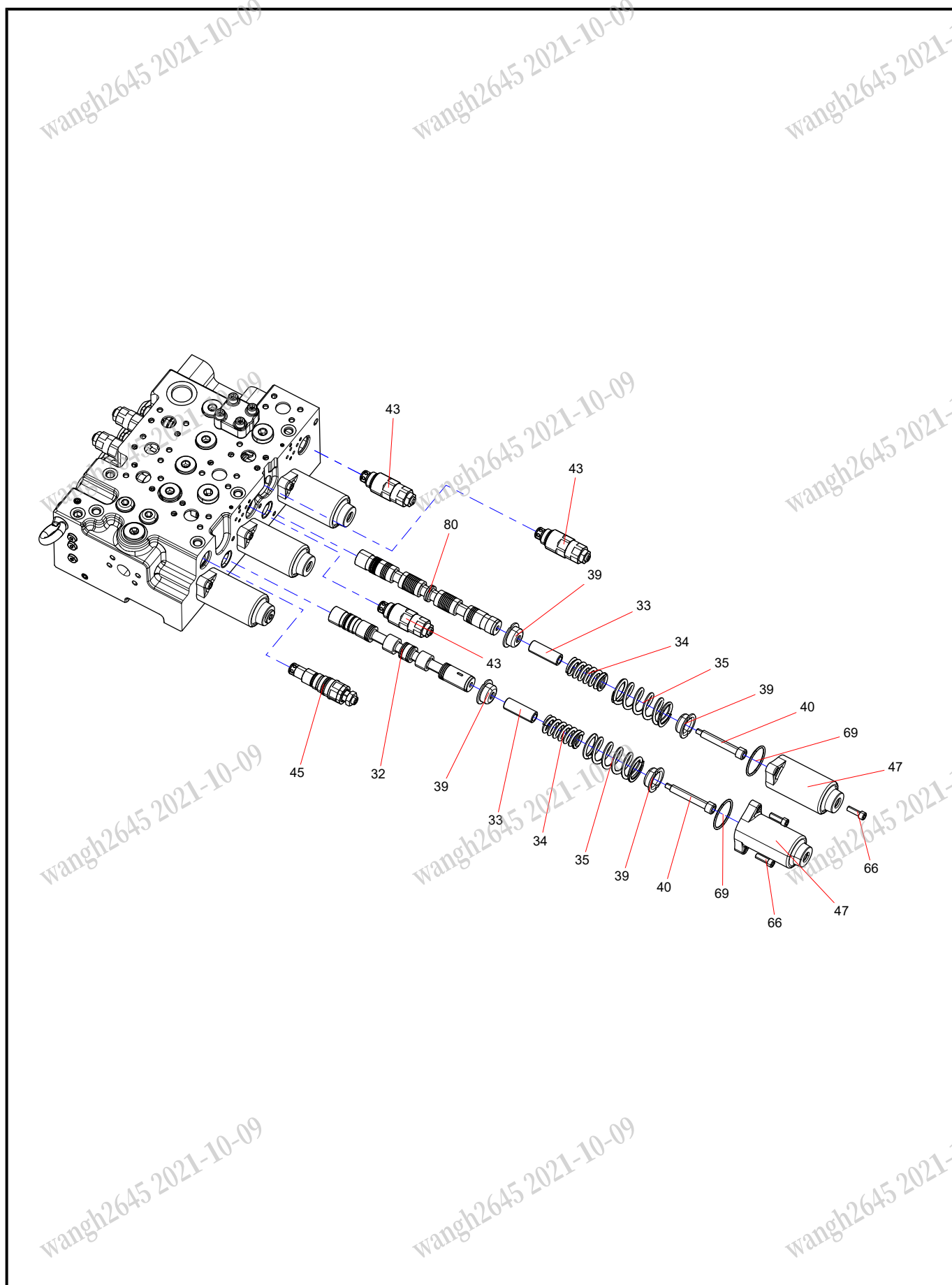
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
14	60008705	O-ring	17	
15	60008783	Check Valve	16	
54	60008700	O-ring	7	
57	60008713	Plug	6	
58	60008711	Plug	7	
60	60008712	Plug	3	
62	60100510	Bolt	10	
63	60008728	Set Screw	5	
68	60008697	O-ring	7	
81	60008715	Plug	11	
84	60008817	Spring	11	



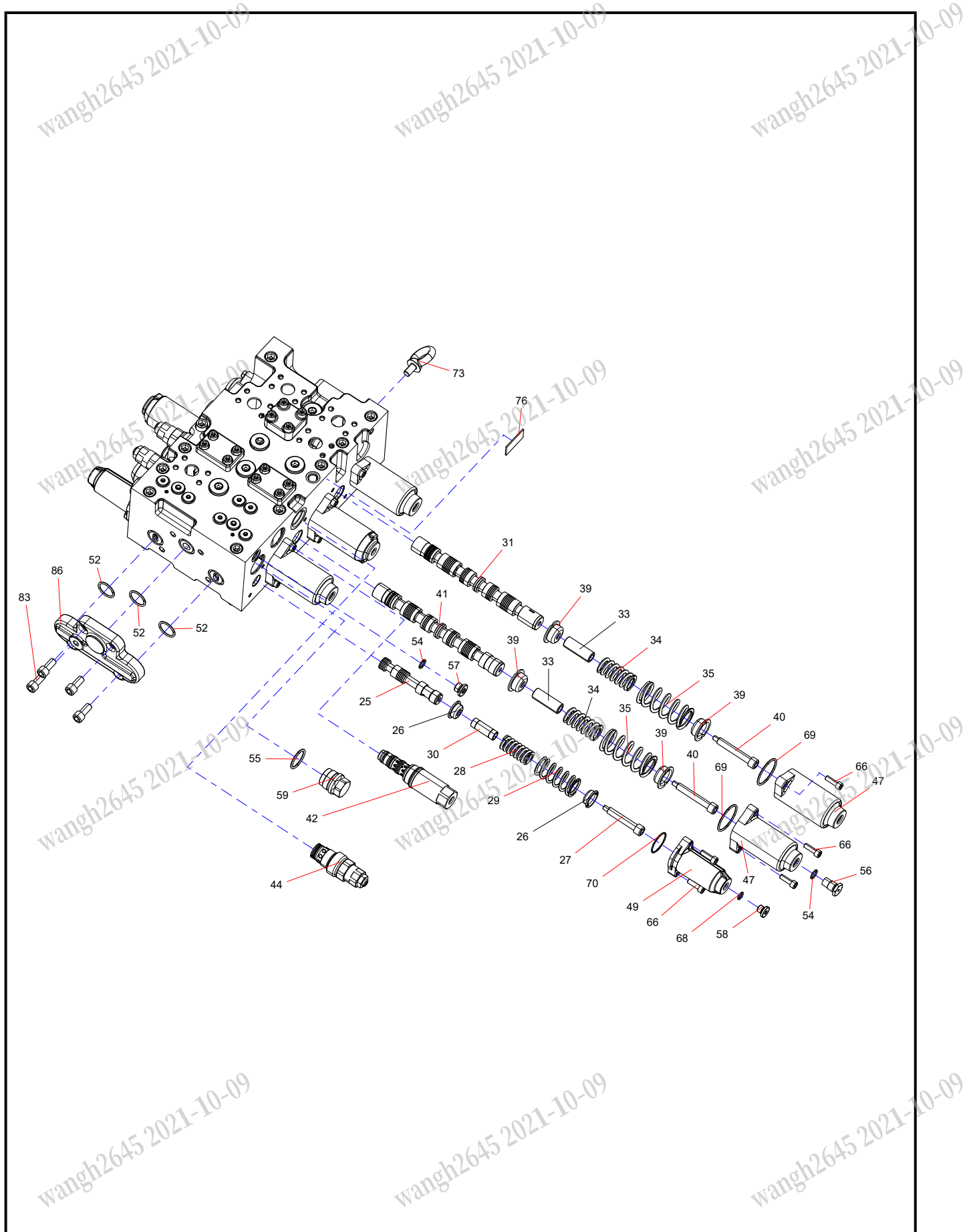
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
19	60008801	Retaining Ring	2	
23	60100487	Swing Priority Valve	1	
24	60039319	Spring	1	
25	60100496	Hydraulic Shut-off Valve	2	
26	60008825	Seat	4	
27	60038528	Bolt	2	
28	60038244	Spring	2	
29	60038243	Spring	2	
30	60100508	Retaining Ring	2	
35	60008769	Spring	9	
39	60008823	Seat	22	
40	60008819	Stud	11	
43	60100490	Throttle Valve	6	
44	60100488	Throttle Valve	2	
48	60100506	Spring Cover	2	
49	60100507	Spring Cover	2	
50	60008789	Cover	8	
51	60008790	Cover	1	
52	60100513	O-ring	14	
54	60008700	O-ring	7	
55	60100516	O-ring	2	
57	60008713	Plug	6	
59	60100465	Plug	2	
66	60008721	Socket Head Cap Screw	44	
67	60100517	O-ring	3	
69	60100514	O-ring	11	
70	60008821	O-ring	2	
71	60050051	O-ring	9	
72	60100515	O-ring	21	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
17	61000399	Arm 2 spool	1	
18	61002627	Boom 1 spool	1	
33	60008818	Retaining Ring	9	
34	60008770	Spring	8	
35	60008769	Spring	9	
36	60100498	Linear Travelling Spool	1	
37	60100503	Spring	1	
38	60100502	Spring	1	
39	60008823	Seat	22	
40	60008819	Stud	11	
46	60100493	Control Valve Assembly	2	
47	60100505	Spring Cover	9	
53	60008708	O-ring	3	
54	60008700	O-ring	7	
57	60008713	Plug	6	
61	60100467	Plug	3	
62	60100510	Bolt	10	
64	60008820	Plug	3	
65	60100492	Throttle Valve	3	
66	60008721	Socket Head Cap Screw	44	
69	60100514	O-ring	11	
73	23001847	Slinger	2	

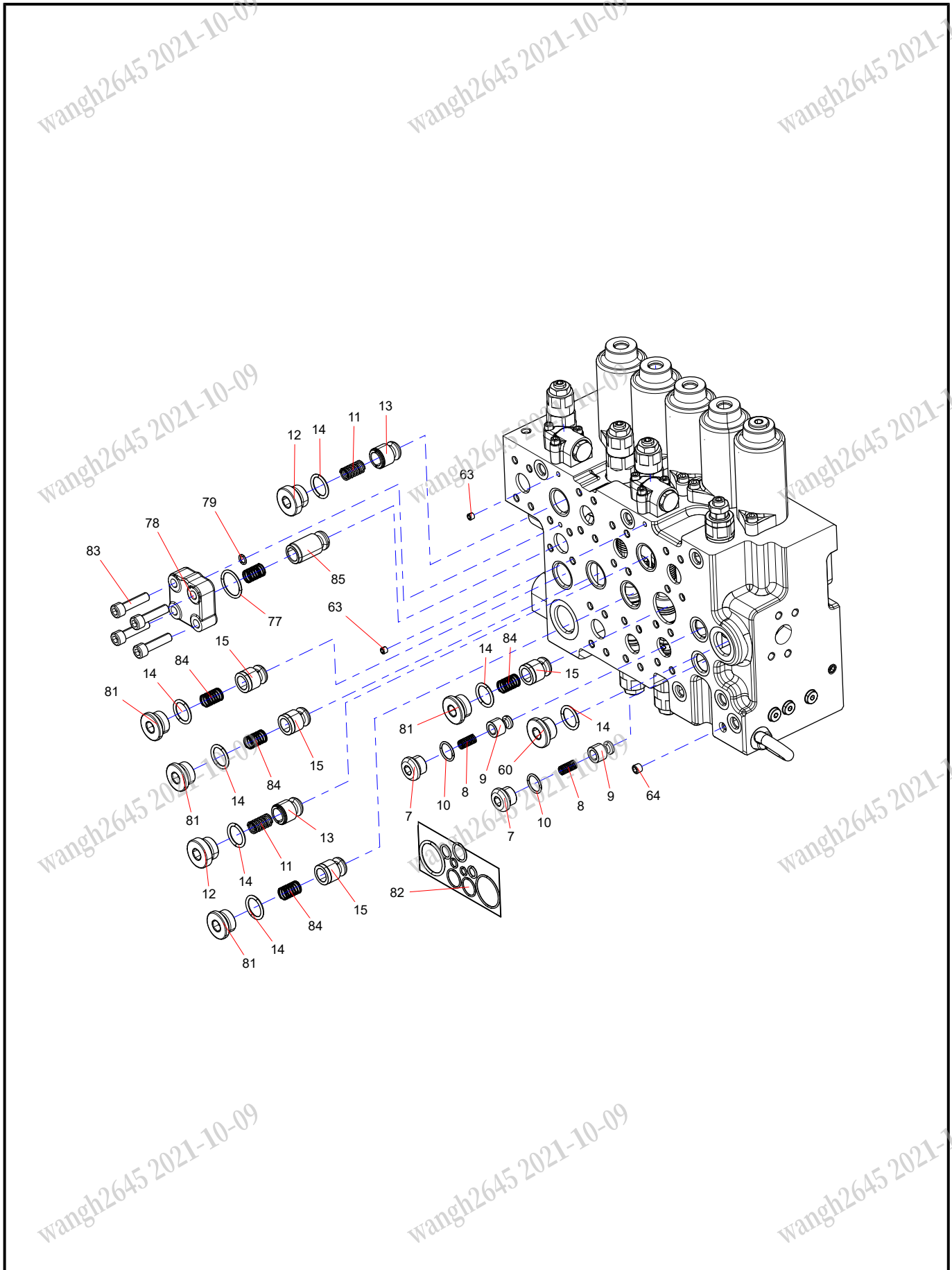


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
32	60307380	Travel spool	2	
33	60008818	Retaining Ring	9	
34	60008770	Spring	8	
35	60008769	Spring	9	
39	60008823	Seat	22	
40	60008819	Stud	11	
43	60100490	Throttle Valve	6	
45	60100500	Main Relief Valve	1	
47	60100505	Spring Cover	9	
66	60008721	Socket Head Cap Screw	44	
69	60100514	O-ring	11	
80	60307383	Valve core of bucket	1	

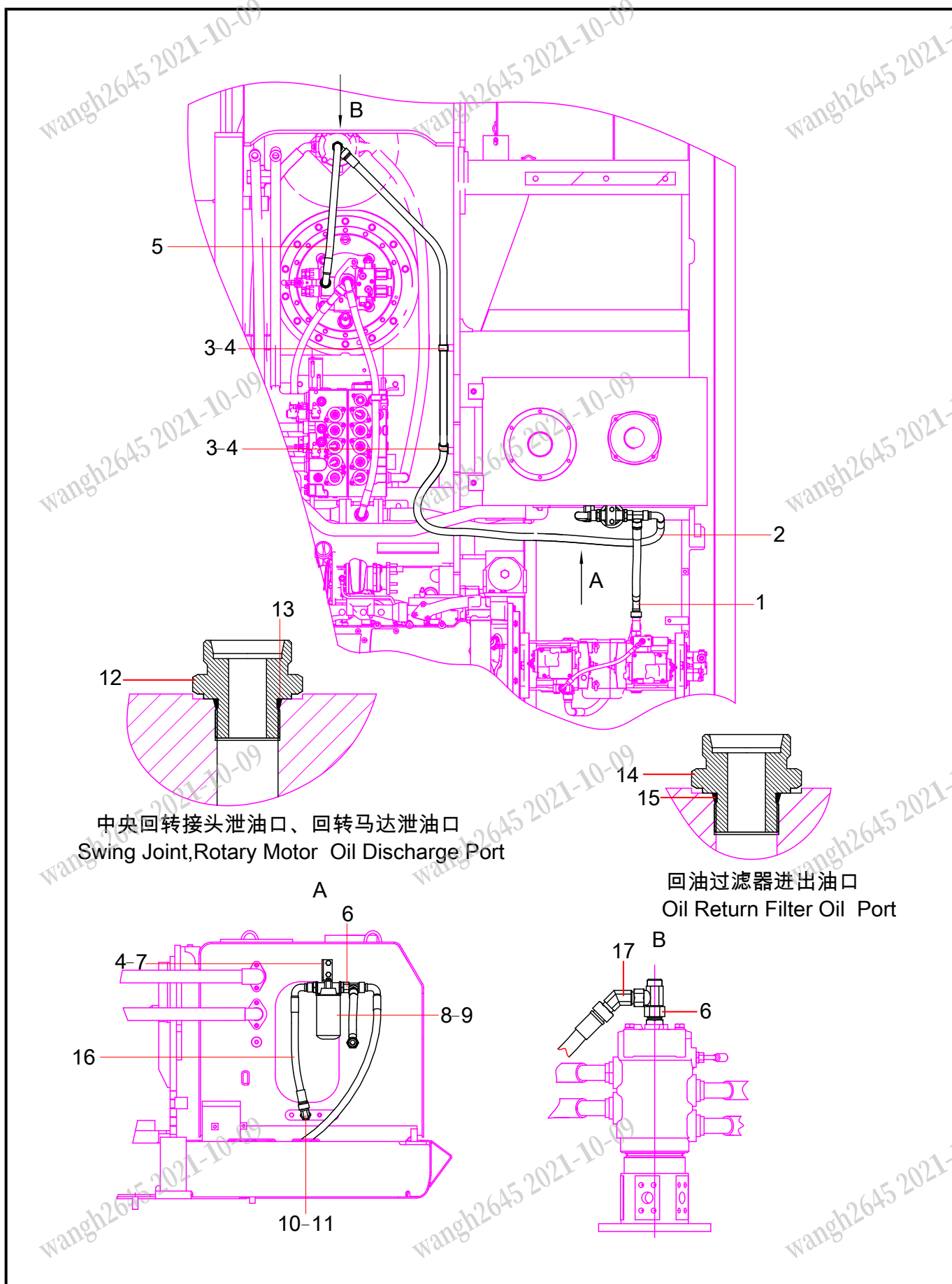


6-46 upper carriage assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
25	60100496	Hydraulic Shut-off Valve	2	
26	60008825	Seat	4	
27	60038528	Bolt	2	
28	60038244	Spring	2	
29	60038243	Spring	2	
30	60100508	Retaining Ring	2	
31	60111724	Swing valve	1	
33	60008818	Retaining Ring	9	
34	60008770	Spring	8	
35	60008769	Spring	9	
39	60008823	Seat	22	
40	60008819	Stud	11	
41	60100473	Spare Spool	1	
42	60283390	Regenerative shutoff valve of bucket	1	
44	60100488	Throttle Valve	2	
47	60100505	Spring Cover	9	
49	60100507	Spring Cover	2	
52	60100513	O-ring	14	
54	60008700	O-ring	7	
55	60100516	O-ring	2	
56	60100466	Plug	1	
57	60008713	Plug	6	
58	60008711	Plug	7	
59	60100465	Plug	2	
66	60008721	Socket Head Cap Screw	44	
68	60008697	O-ring	7	
69	60100514	O-ring	11	
70	60008821	O-ring	2	
73	23001847	Slinger	2	
76	60100511	Nameplate	1	
83	60100512	Socket Head Cap Screws	8	
86	60100470	Cover	1	

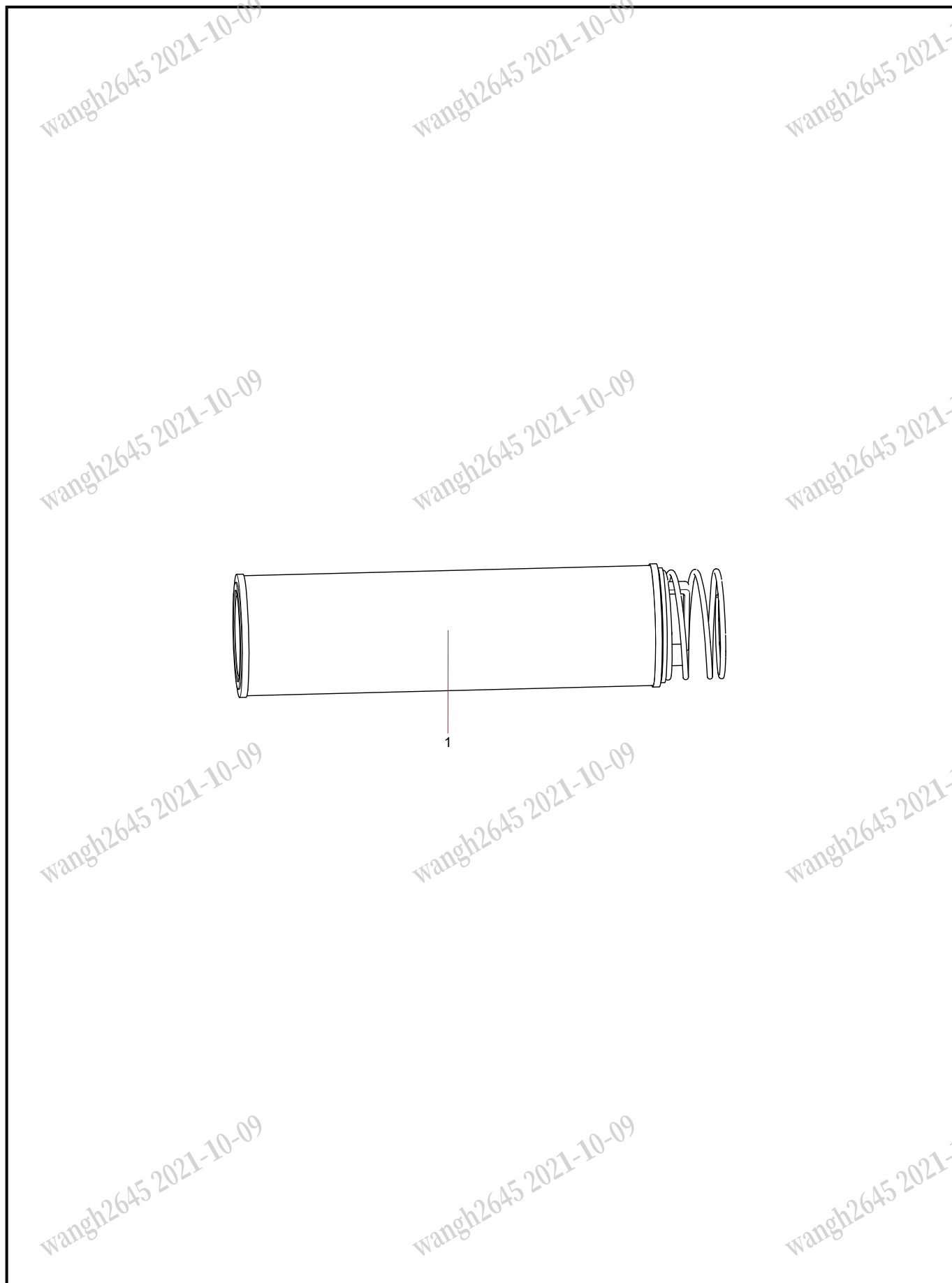


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
7	60038656	Oil Plug	2	
8	60100504	Spring	2	
9	60038108	Poppet Valve	2	
10	60008703	O-ring	2	
11	60008765	Spring	2	
12	60008779	Plug	2	
13	60008784	Check Valve	2	
14	60008705	O-ring	17	
15	60008783	Check Valve	16	
60	60008712	Plug	3	
63	60008728	Set Screw	5	
64	60008820	Plug	3	
77	60038721	O-ring	1	
78	60307385	Block plate	2	
79	B230101000595	O-ring	1	
81	60008715	Plug	11	
82	60000756K	Repair Package for Main Valve	1	
83	60100512	Socket Head Cap Screws	8	
84	60008817	Spring	11	
85	60307386	Valve	2	



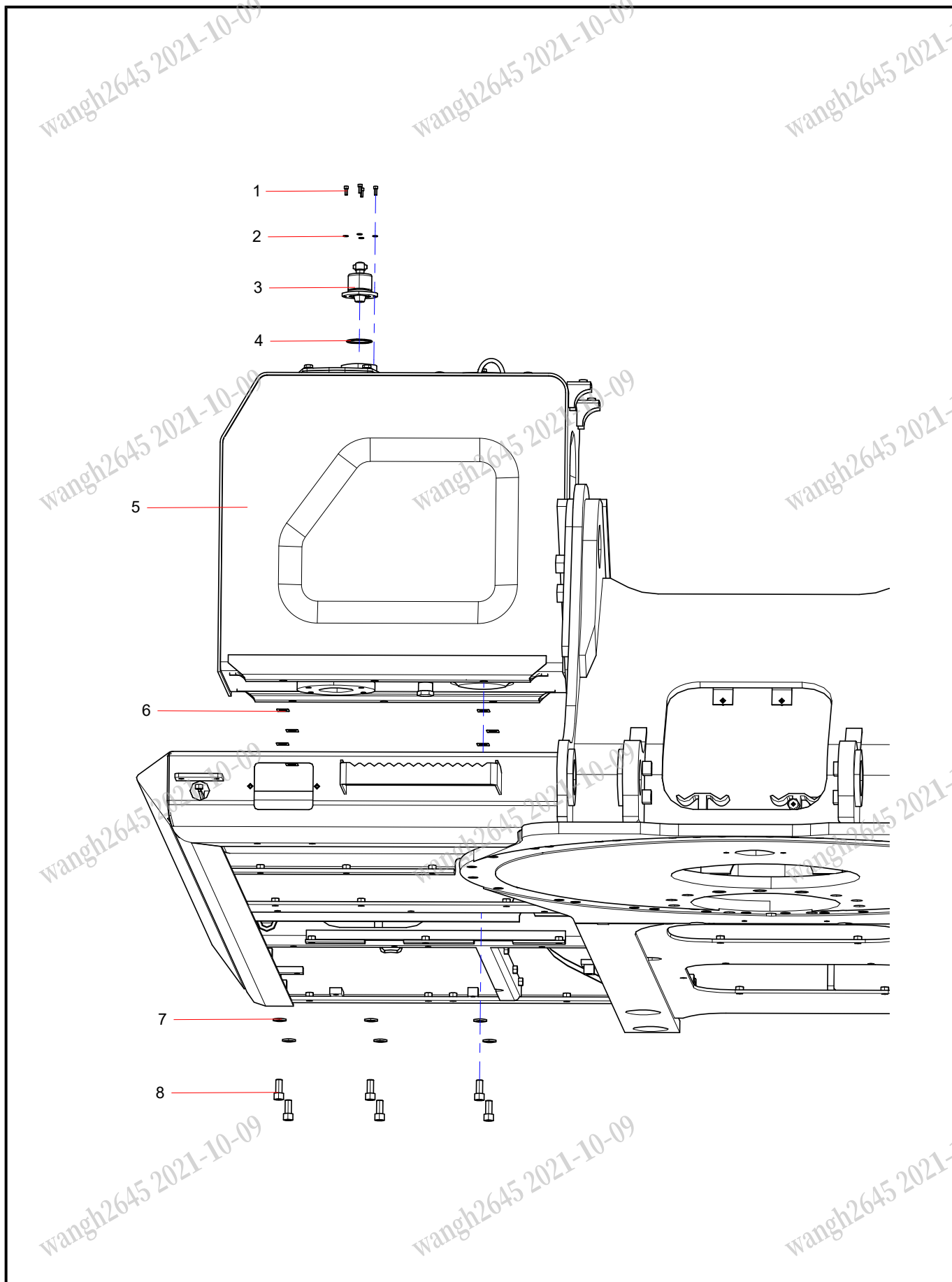
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60004929	Rubber hose	1	
2	60346116	rubber hose	1	
3	A210111000199	Bolt	4	
4	60086356	Harness Fixed Frame	2	
5	B230103002647	Hose	1	
6	B210780000018	Tee Joint	2	
7	13214321	Bracket assem	1	
8	A210111000197	Bolt	2	
9	60277730	Oil-drain filter core	1	6-52
10	A820205000837	M24-M30Joint	1	
11	B210780000028	Elbow Combination Fitting	1	
12	A820205002280	Connector	2	
13	B230101000090	O-ring	2	
14	A820205000945	Connector	2	
15	B230101000050	O-ring	2	
16	B230103000869	Hose Assembly	1	
17	60202196	Pipe connector	1	

60277730 Oil-drain filter core



6-52 upper carriage assembly

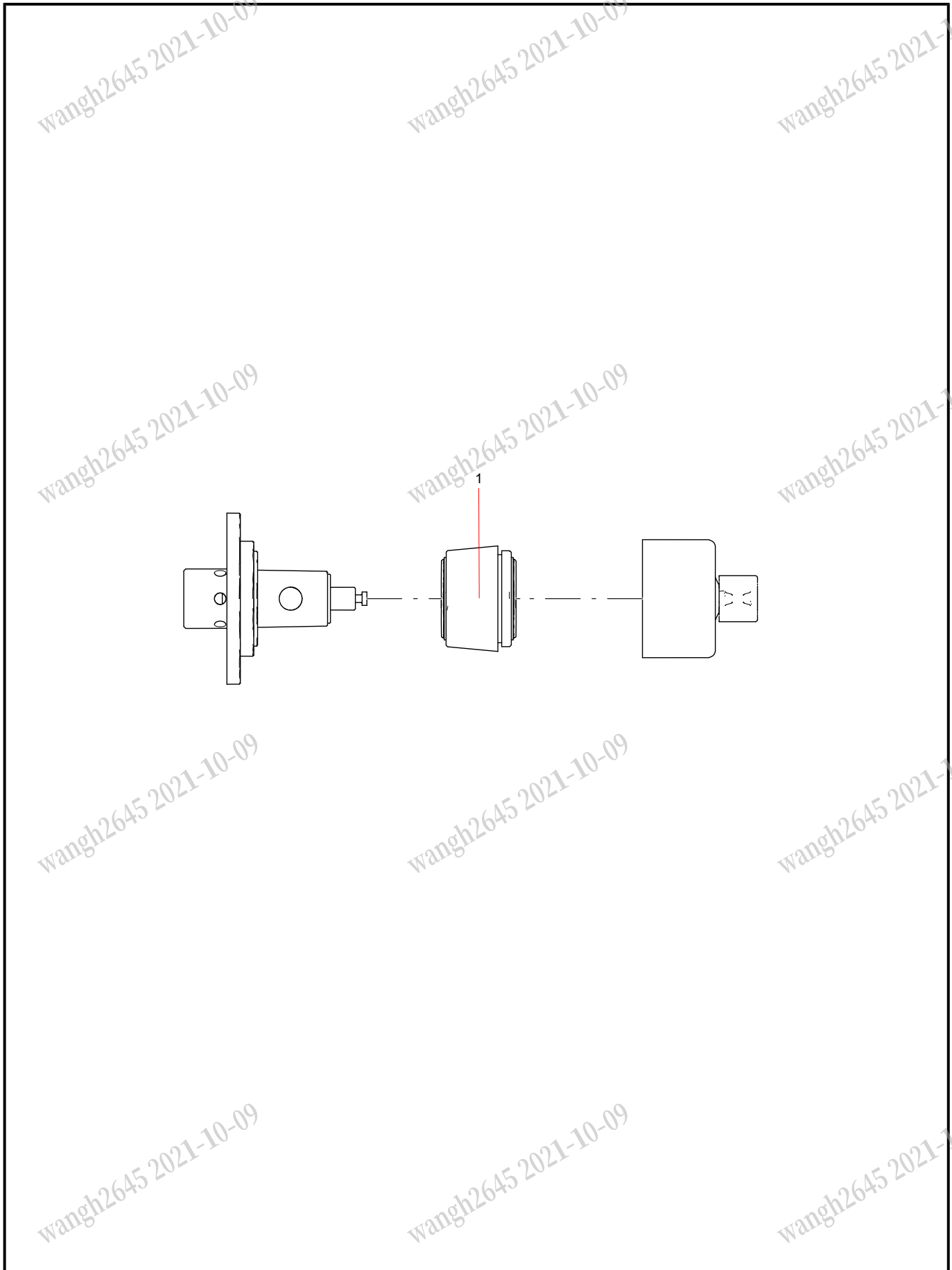
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60277731	Filter Core	1	



6-54 upper carriage assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60249819	Screw	4	
2	24000632	Washer	4	
3	60129702	Valve, Breather Assembly	1	6-56
4	B230101000366	O-ring	1	
5	14115149	hydraulic fuel tank	1	6-58
6	A820101118172	Gasket	8	
7	A210491000118	Washer	6	
8	A210204000198	Screw	6	

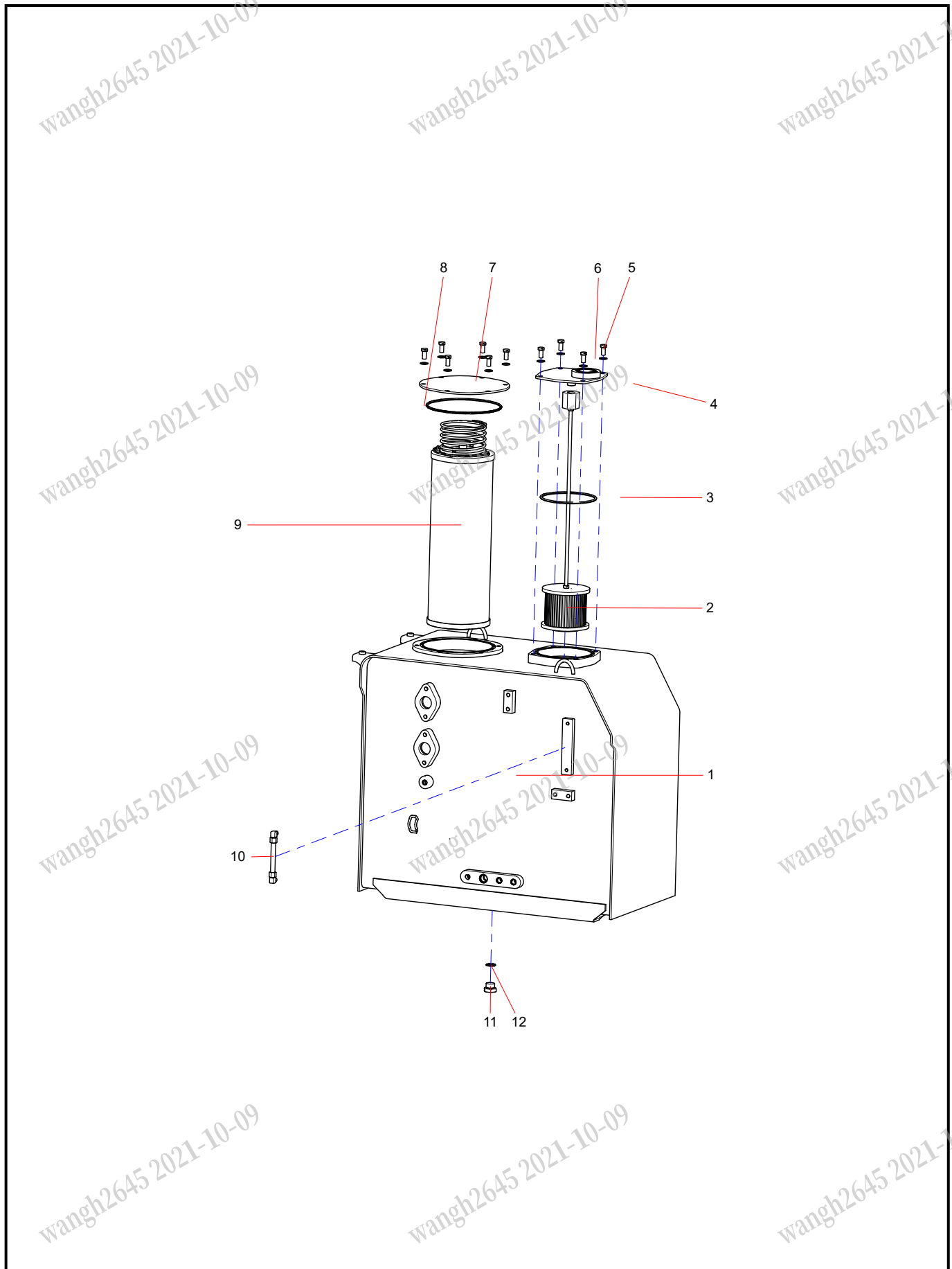
60129702 Valve, Breather Assembly



6-56 upper carriage assembly

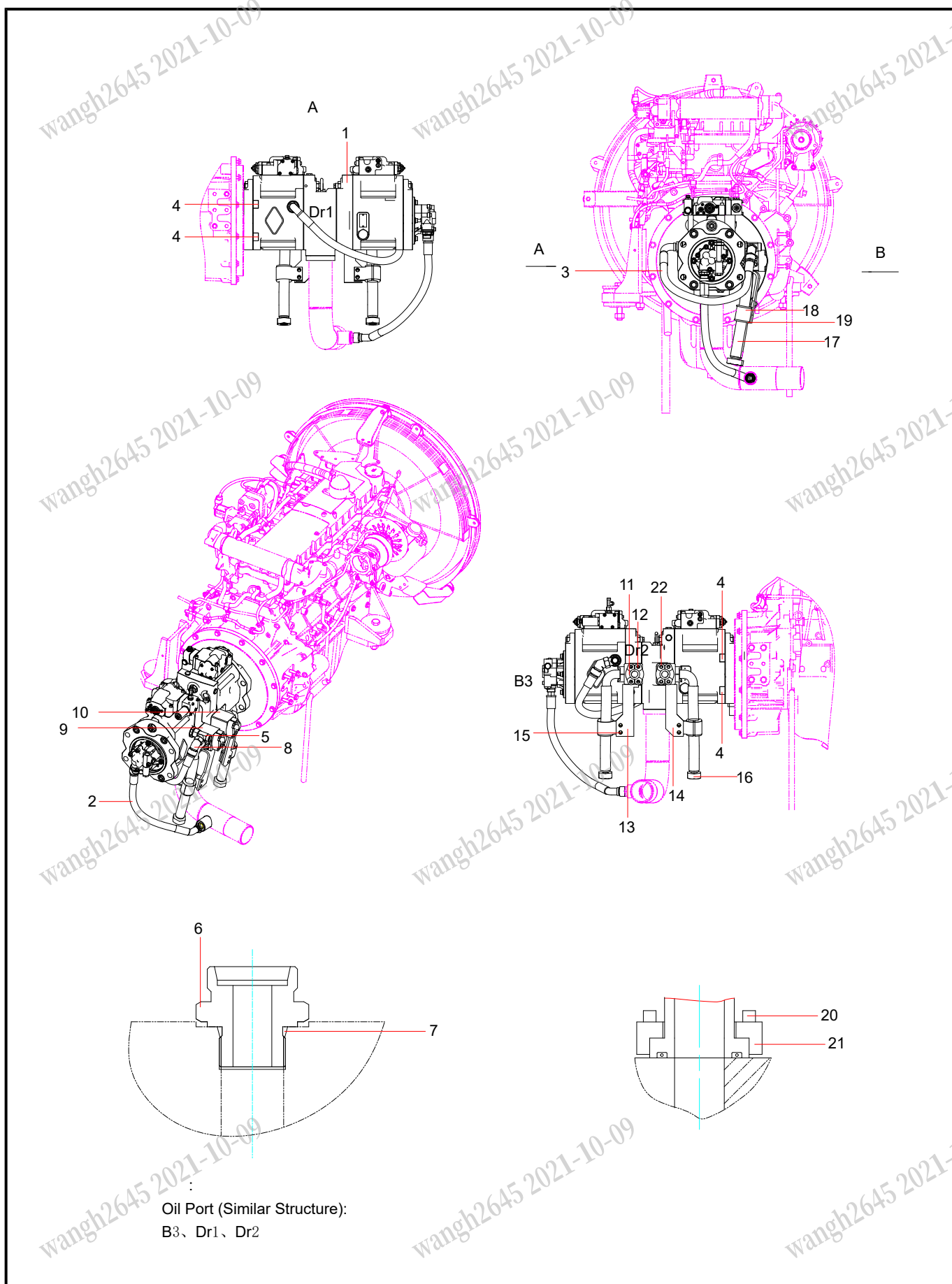
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60186788	Filter, Hydraulic Tank Breather	1	

14115149 hydraulic fuel tank



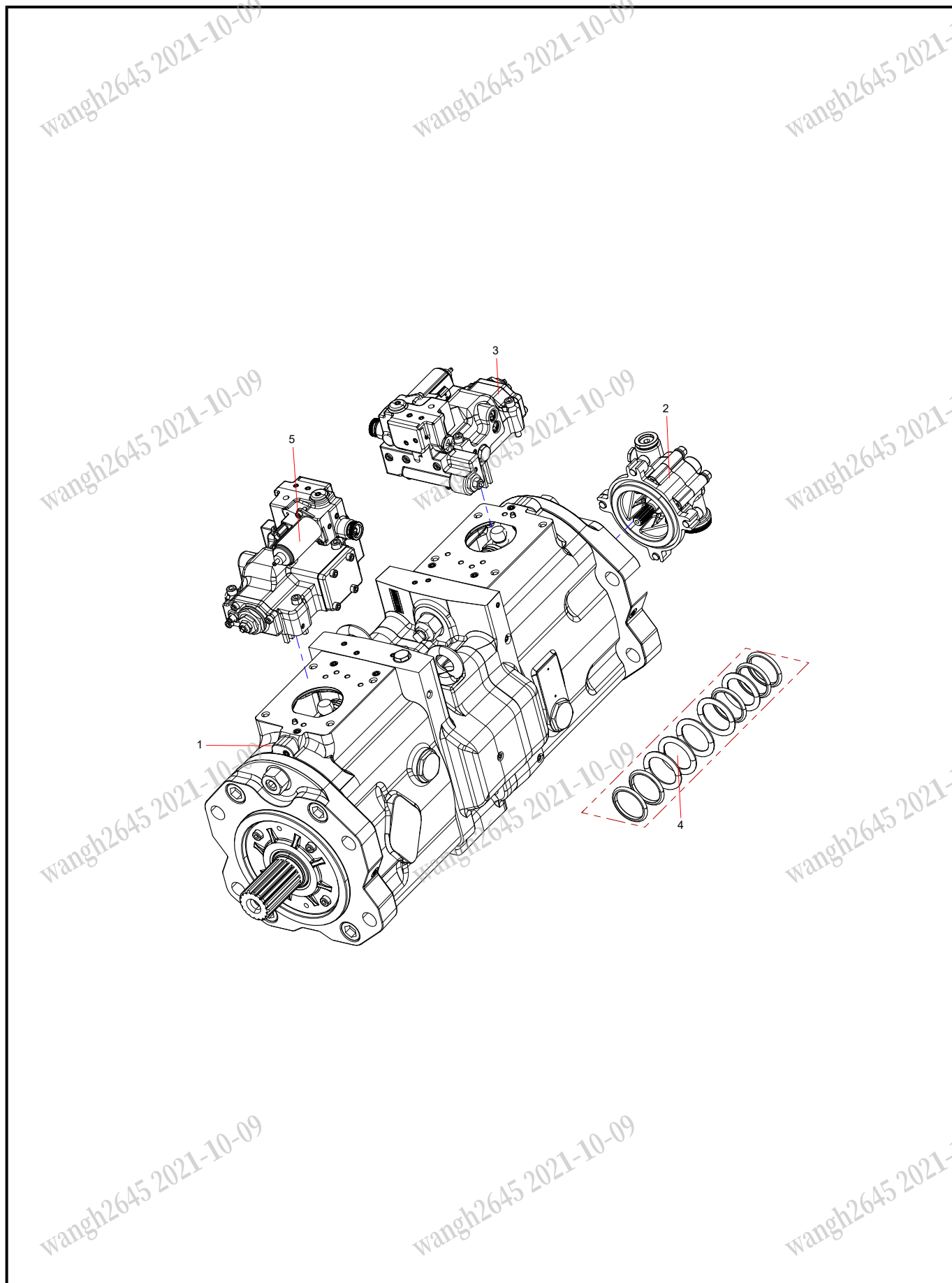
6-58 upper carriage assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14115143	hydraulic tank	1	
2	60101257	Suction Filter	1	
3	B230101000588	O-ring	1	
4	12731158	Oil Suction Cap	1	
5	A210111000037	Bolt	10	
6	A210405000001	Washer	10	
7	14028720	Oil return cover	1	
8	A210609000350	O-ring	1	
9	61001603	Oil return filter	1	
10	A250100000174	Liquid Level Thermometer	1	
11	10514225	Plug	1	
12	B230101000356	O-ring	1	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60357527	Plunger pump	1	6-62
2	61007089	Rubber hose	1	
3	B230103000305	Hose	1	
4	A210204000300	Screw	4	
5	B210780000018	Tee Joint	1	
6	A820205000187	Fitting	3	
7	B230101000356	O-ring	3	
8	60202196	Pipe connector	1	
9	12927112	Block	1	
10	12927114	Block	1	
11	B210780000004	Split Flange	4	
12	A210204000272	Screw	8	
13	12927120	Support	1	
14	12927118	Support	1	
15	A210111000199	Bolt	10	
16	60208243	Plug	2	
17	60220997	rubber hose	2	
18	12860574	Pipe Fix	4	
19	11206203	Φ40 Rubber Cushion	2	
20	A210204000215	Screw	8	
21	B210780000244	Split Flange	4	
22	24000513	Washer	8	

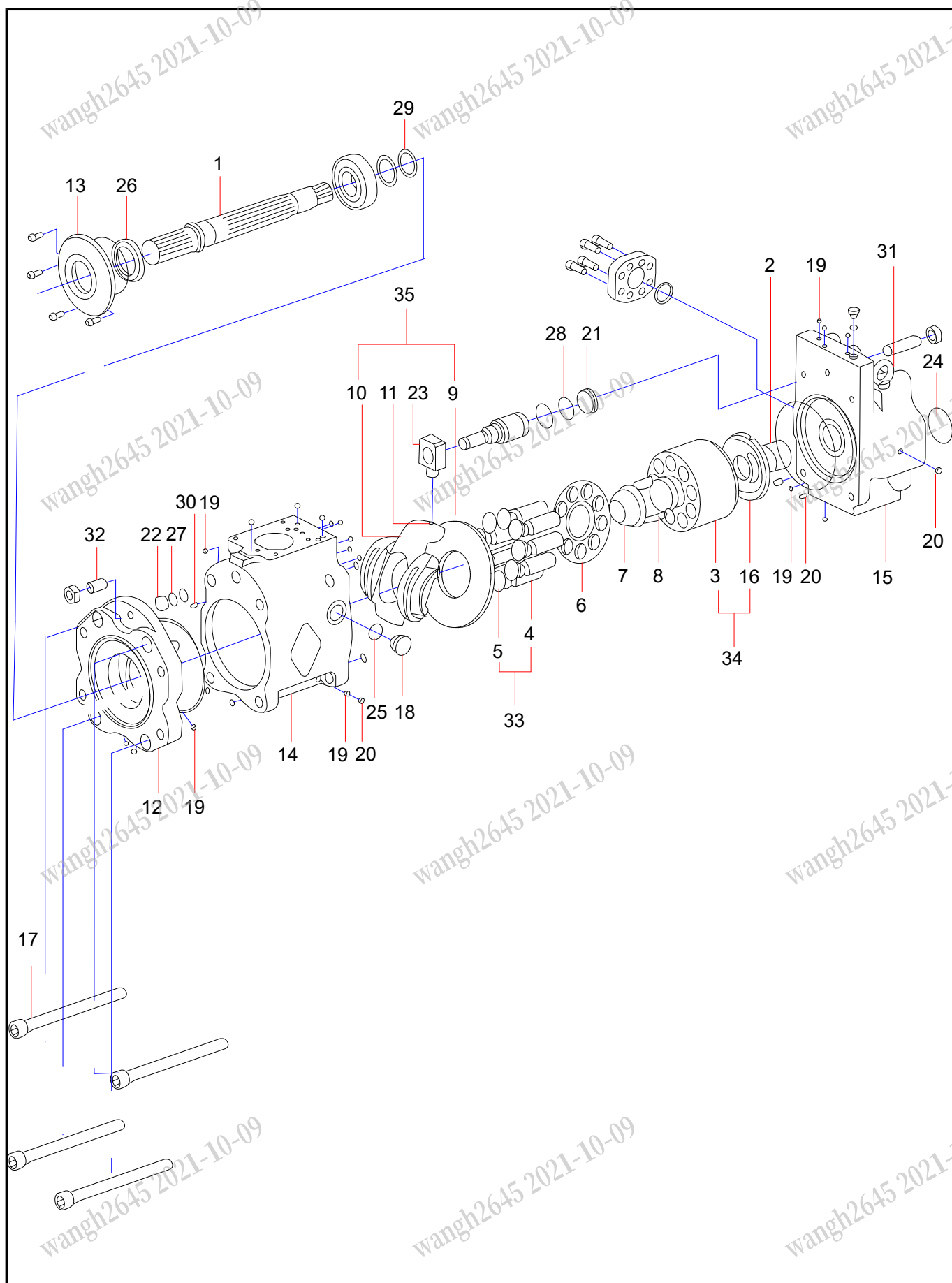
60357527 Plunger pump



6-62 upper carriage assembly

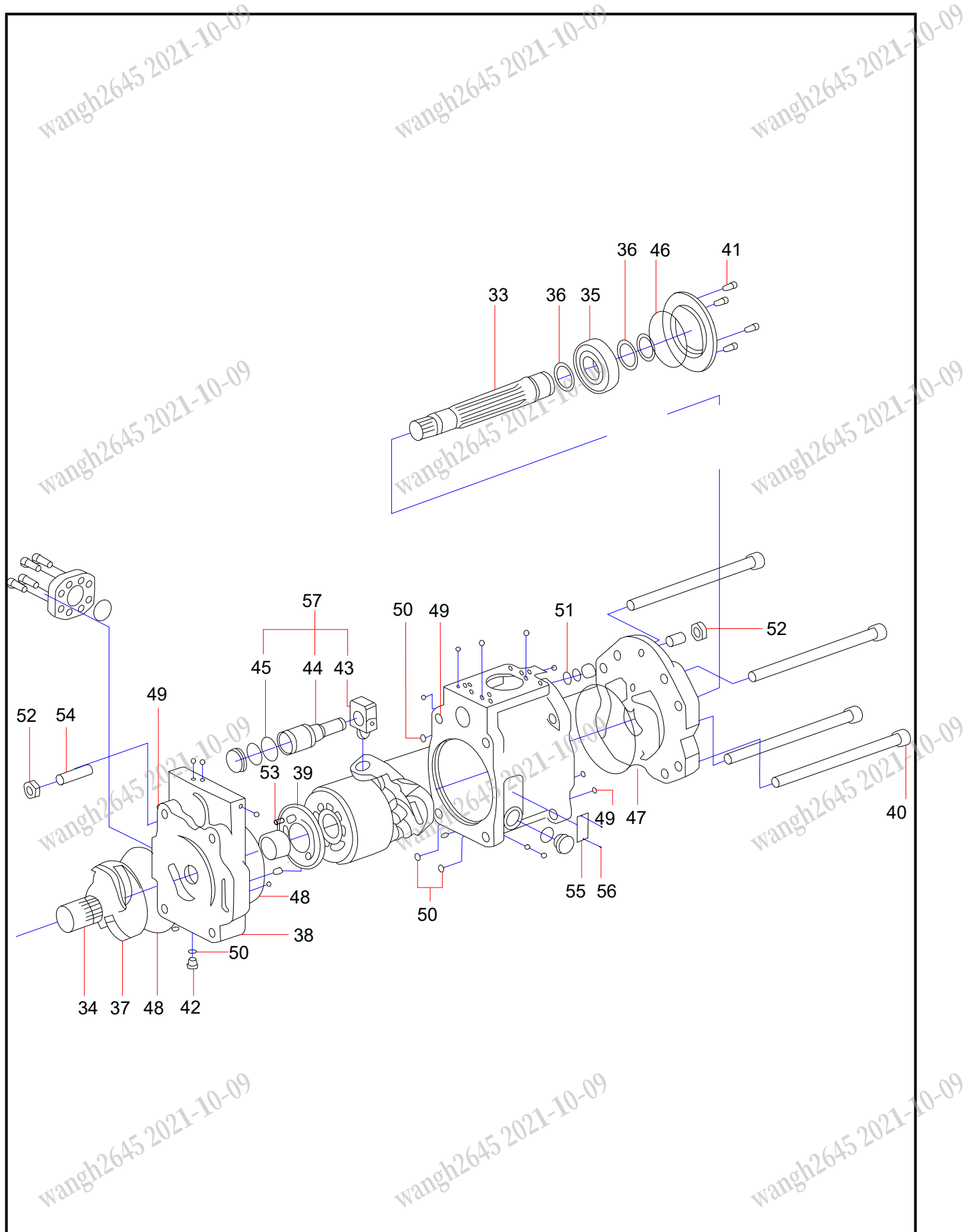
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60155077	Main Pump	1	6-64
2	60153895	Leading Pump	1	6-68
3	60153897	Regulator	2	
4	60197254	Main Pump Repair Kit	1	
5	61002283	Proportional Pressure Reducing Valve	2	

60155077 Main Pump (1/2)

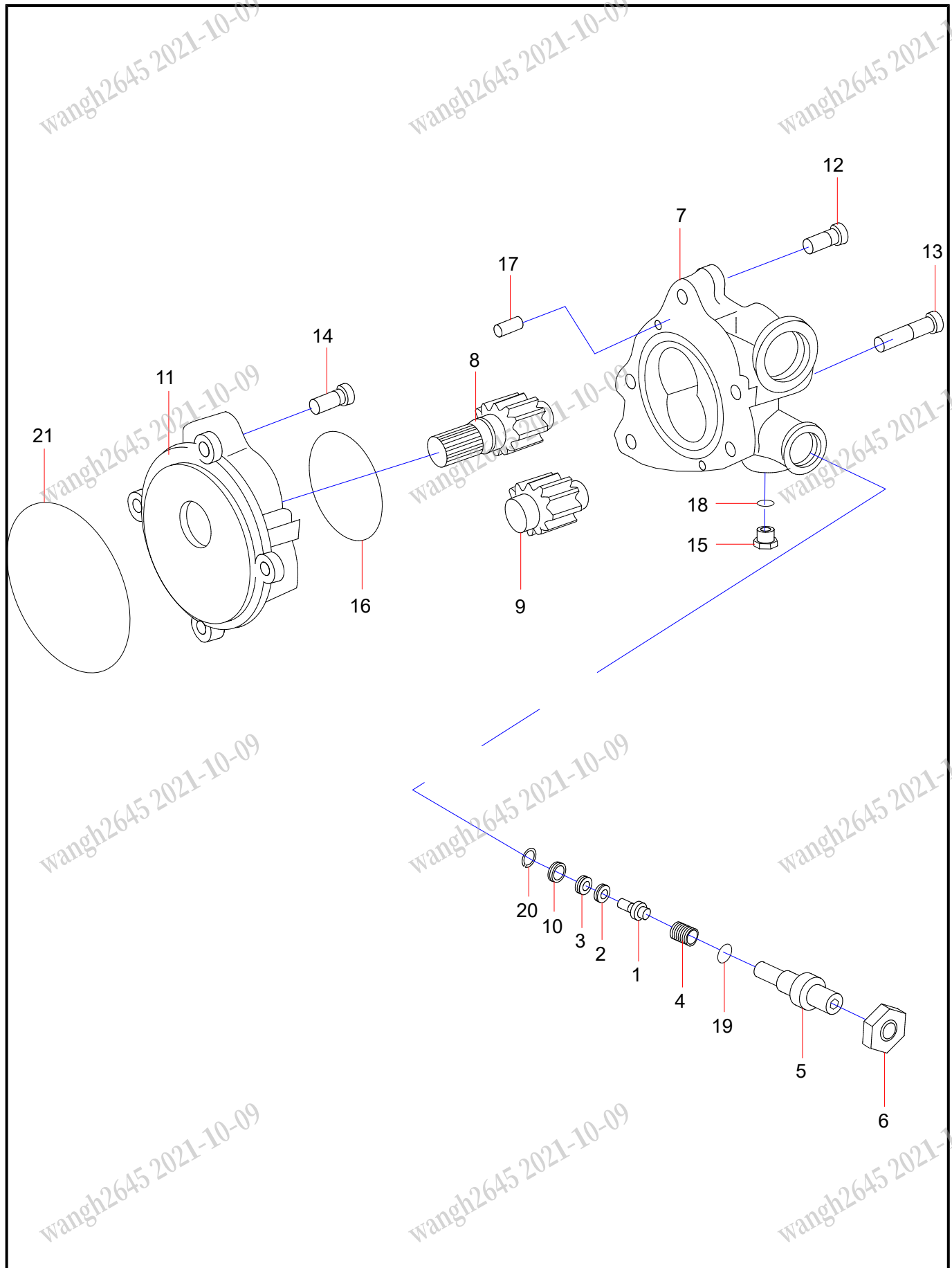


6-64 upper carriage assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60075452	Shaft(G) Drive	1	
2	60006939	Rear Bearing	2	
3	60125196	Block Cylinder	2	
4	60125205	Piston	18	
5	60125190	Shoe	18	
6	60075467	Pressure Plate	2	
7	60015817	Bushing, Spherical	2	
8	60054345	Spring	18	
9	60015757	Board, Sliding	2	
10	60015821	Swash Plate	2	
11	60075449	Bush Tilting	2	
12	60064450	Swashplate Supporting Stage	2	
13	60075480	Oil Seal Cover	1	
14	60125192	Pump Body	2	
15	60075385	Cover Valve	1	
16	60125201	Plate? Valve	1	
17	60075438	Screw	4	
18	60039400	Plug	4	
19	60008728	Set Screw	28	
20	60008820	Plug	5	
21	60075377	Stopper	2	
22	60075376	Stopper	2	
23	60008549	Pin	2	
24	60150563	O-ring	1	
25	60039422	O-ring	4	
26	60075479	Oil Seal	1	
27	60075424	Ring Back-up	2	
28	60075423	Ring Back-up	2	
29	60064417	Sun Gear Snap Ring 1	2	
30	60008878	Pin	5	
31	60075426	Ring, Lifting	2	
32	60075441	Rod, Threaded	2	
33	60075453	Shaft(R) Drive	1	
34	60075431	Coupling Spline	1	
35	60006941	Front Bearing	2	

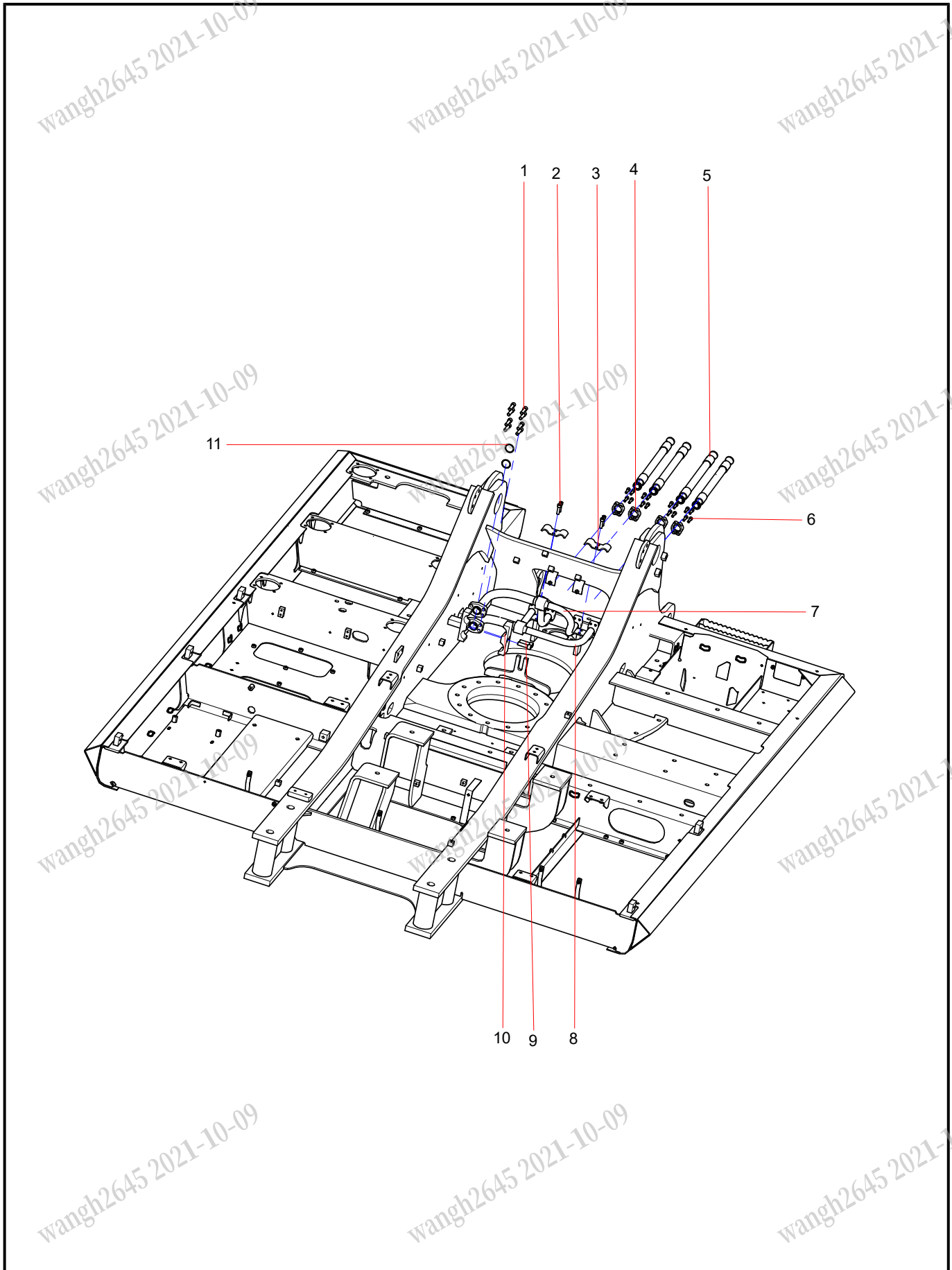


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
33	60075453	Shaft(R) Drive	1	
34	60075431	Coupling Spline	1	
35	60006941	Front Bearing	2	
36	60075476	Washer	3	
37	60075469	Booster	1	
38	60150552	Cover Valve	1	
39	60125200	Plate(L) Valve	1	
40	60075439	Screw	4	
41	60039371	Socket Head Bolt	4	
42	60038654	Oil Plug	4	
43	60075450	Pin, Angular	2	
44	60075455	Plunger, Servo	2	
45	60093160	O-ring	2	
46	60125207	O-ring	1	
47	60125209	O-ring	2	
48	60075477	O-ring	3	
49	60038716	O-ring	19	
50	60038712	O-ring	6	
51	60125208	O-ring	2	
52	60039359	Nuts	4	
53	60075461	Pin	2	
54	60075440	Screw Set	2	
55	60100511	Nameplate	1	
56	60038620	Pin	2	
57	60331157	Component	1	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60008508	Valve Stem	1	
2	60008493	Valve Seat	1	
3	60008523	Retaining Ring	1	
4	60008500	Spring	1	
5	60008496	Adjusting Screw	1	
6	60008505	Nut	1	
7	60075382	Case	1	
8	60075409	Gear	1	
9	60075410	Gear	1	
10	60008491	Filter	1	
11	60075381	Case	1	
12	60081461	Socket	2	
13	60081462	Socket	2	
14	60081460	Socket	4	
15	60008724	Blocking	1	
16	60008504	Washer	1	
17	60008736	Pin	2	
18	60008697	O-ring	1	
19	60008701	O-ring	1	
20	60075425	Ring	1	
21	60125207	O-ring	1	

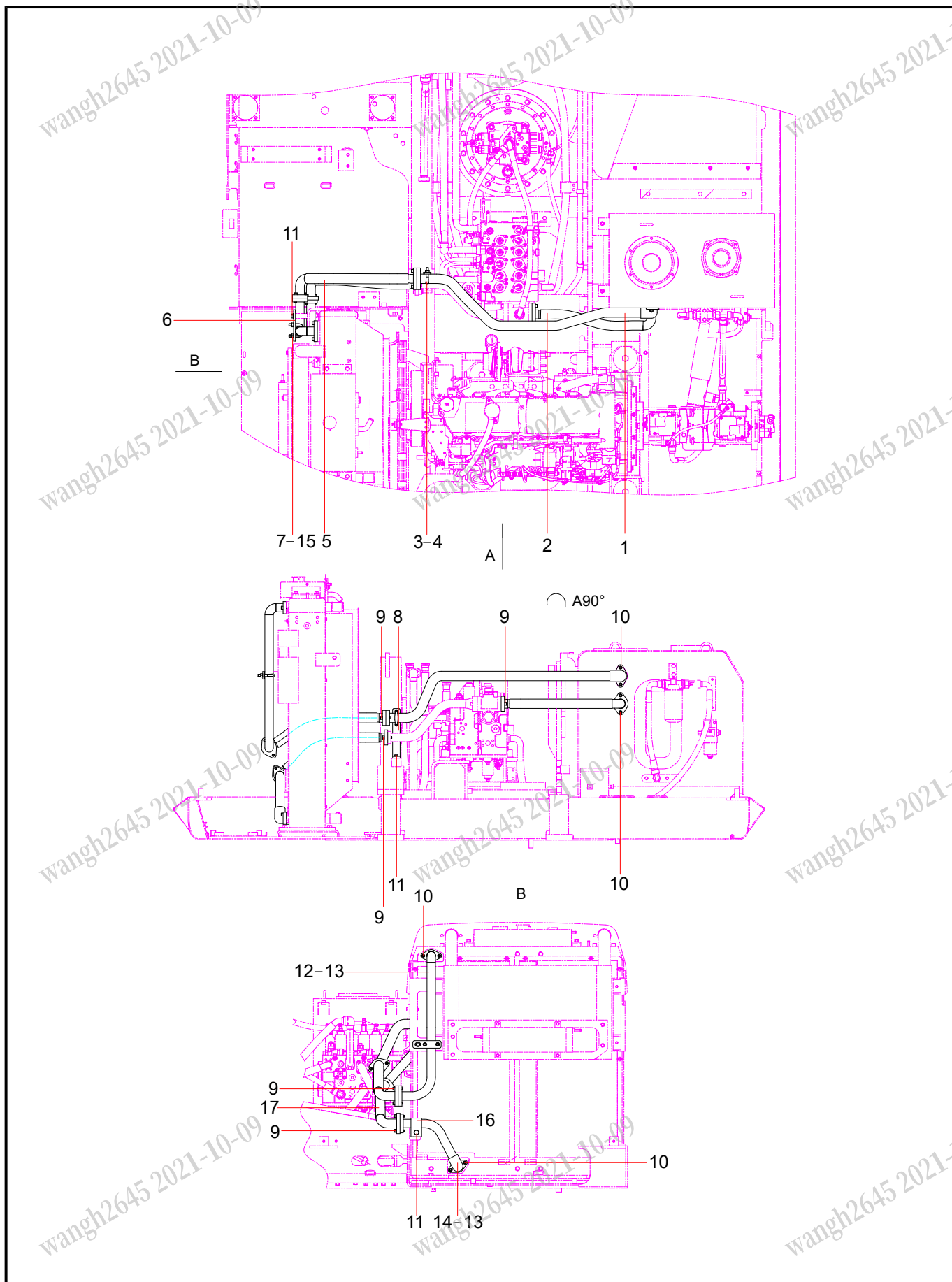
14163825 pipe fixing



6-70 upper carriage assembly

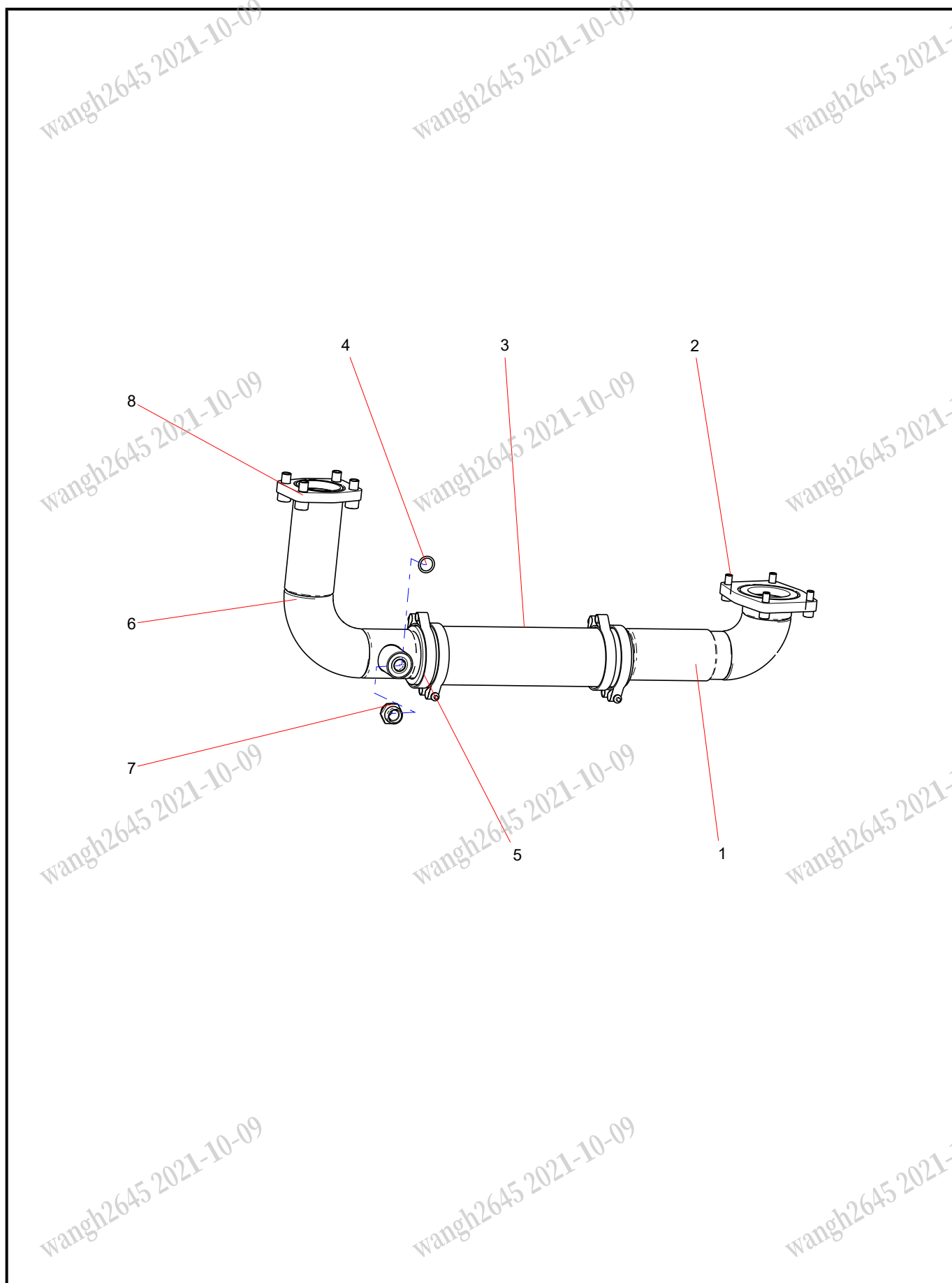
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210204000353	Screw	8	
2	A210204000462	Screw	4	
3	A820101310467	Pipe nip	2	
4	B210780000244	Split Flange	8	
5	60097799	Rubber Hose	4	
6	A210204000354	Screw	16	
7	13235955	Boom steel tube assm (upper	1	
8	13236241	Boom steel tube (down)	1	
9	A210204000312	Screw	2	
10	11285265	Clamp	1	
11	B230101000578	O-ring	2	

14164559 Oil return pipeline



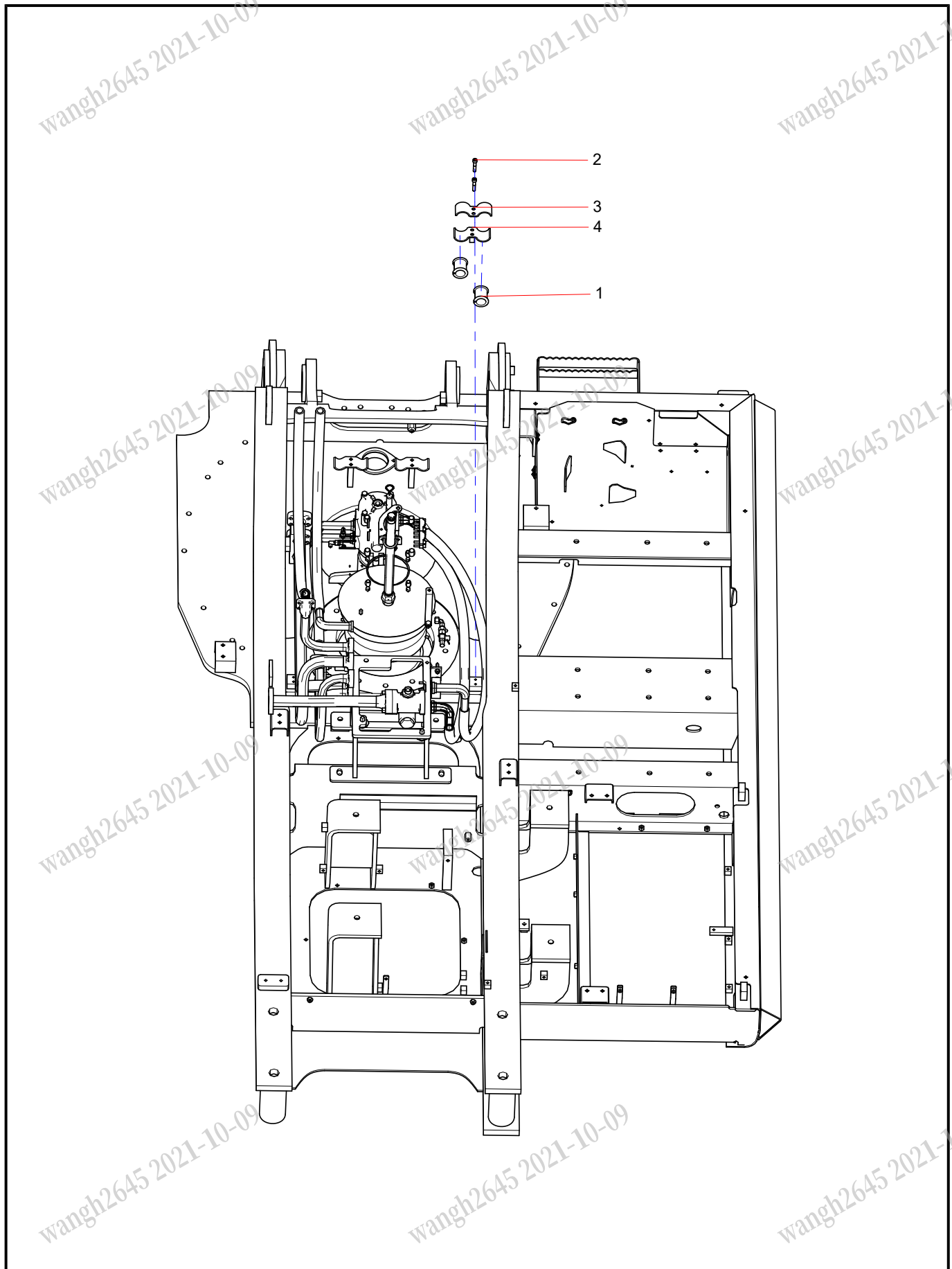
6-72 upper carriage assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14115553	Oil Return Steel Pipe	1	
2	12860346	Oil Return Rubber Hose	1	
3	A820301017131	U-Bolt	1	
4	A210307000036	Nut	2	
5	12325589	Oil Return Rubber Hose	1	
6	14309042	Bracket	1	
7	11617653	U-bolt	1	
8	12630474	plate	1	
9	A210204000338	Screw	10	
10	A210204000206	Screw	8	
11	A210111000202	Bolt	4	
12	14115660	Oil radiation oil out steel tube	1	
13	B230101000244	O-ring	2	
14	14115619	Steel Pipe assembly	1	
15	A210307000031	Nut	2	
16	12999994	Bracket	1	
17	13627491	Hose Assmebly	1	



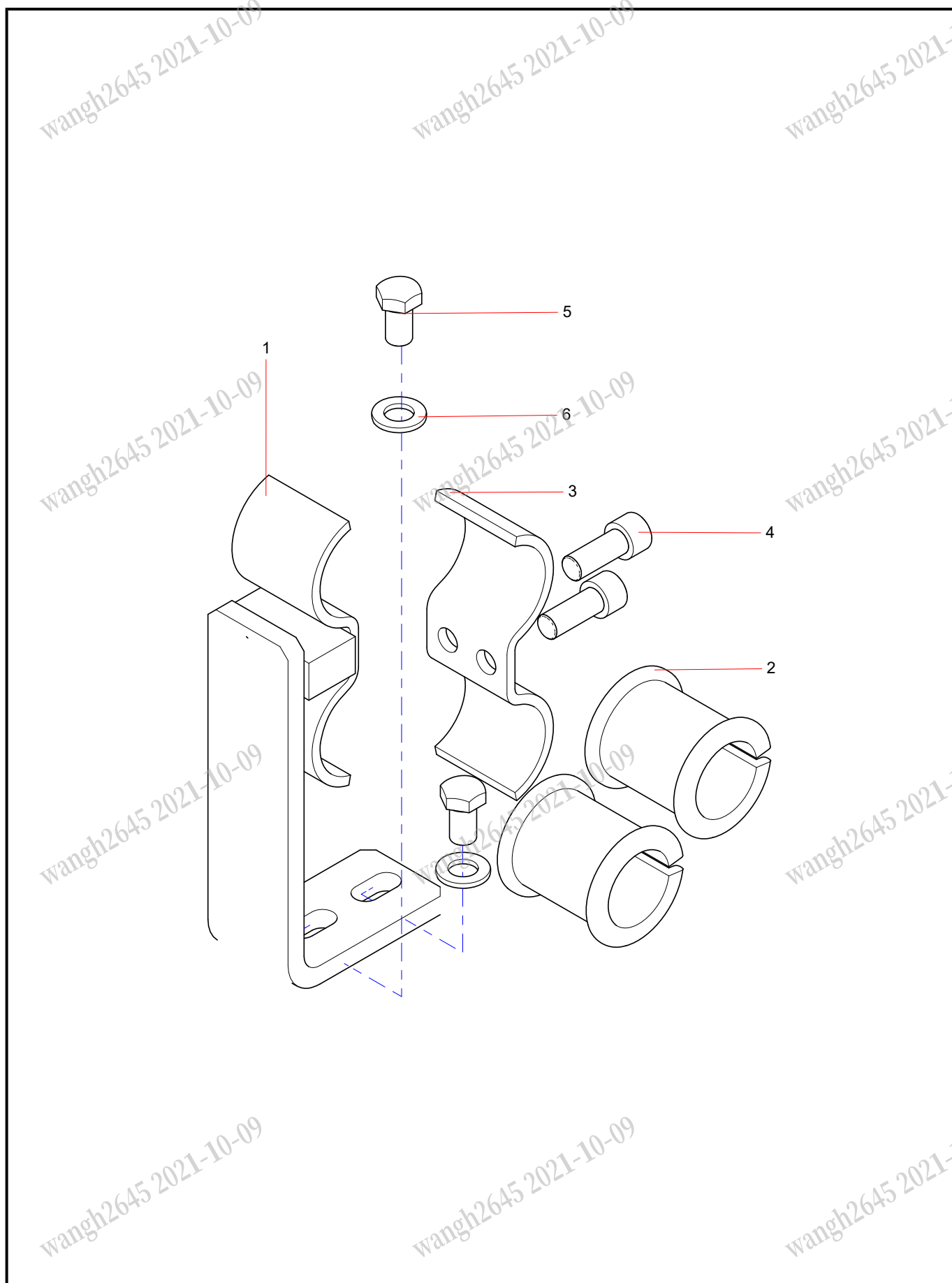
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14115320	Oil tank oil suction tube	1	
2	A210204000206	Screw	4	
3	12325470	Suction hose	1	
4	B230101000356	O-ring	1	
5	60250343	Clamp	4	
6	14115456	Main pump oil suction tube	1	
7	A820205000187	Fitting	1	
8	A210204000198	Screw	4	

14215077 hydraulic rubber clamp assembly



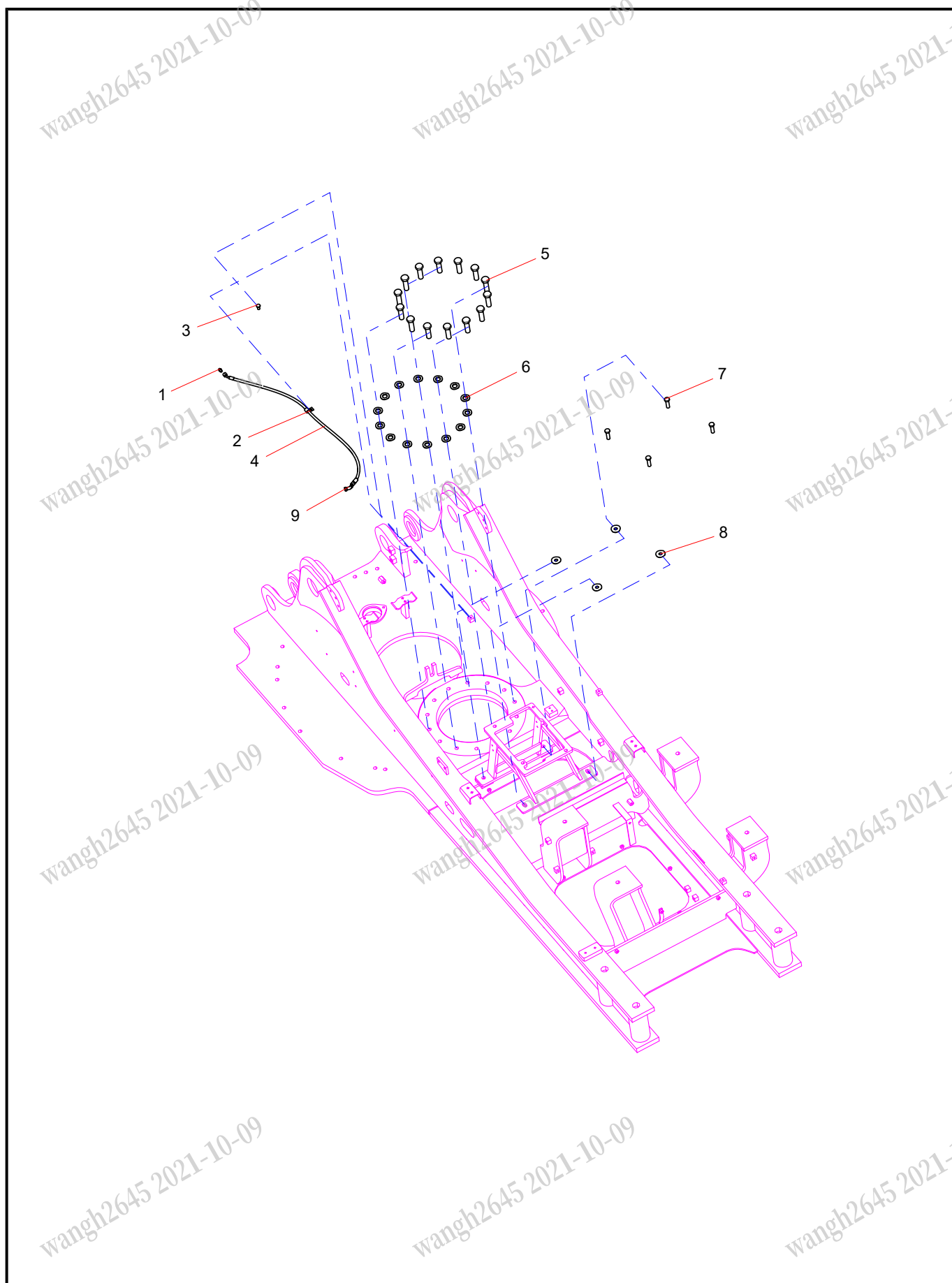
6-76 upper carriage assembly

INDEX	PART NO.	DESCRIPTION	QTY	SEE PAGE
1	12546994	Rubber cushion	2	
2	A210204000335	Screw	2	
3	11206201	Pipe clip	1	
4	12323857	Clamp	1	



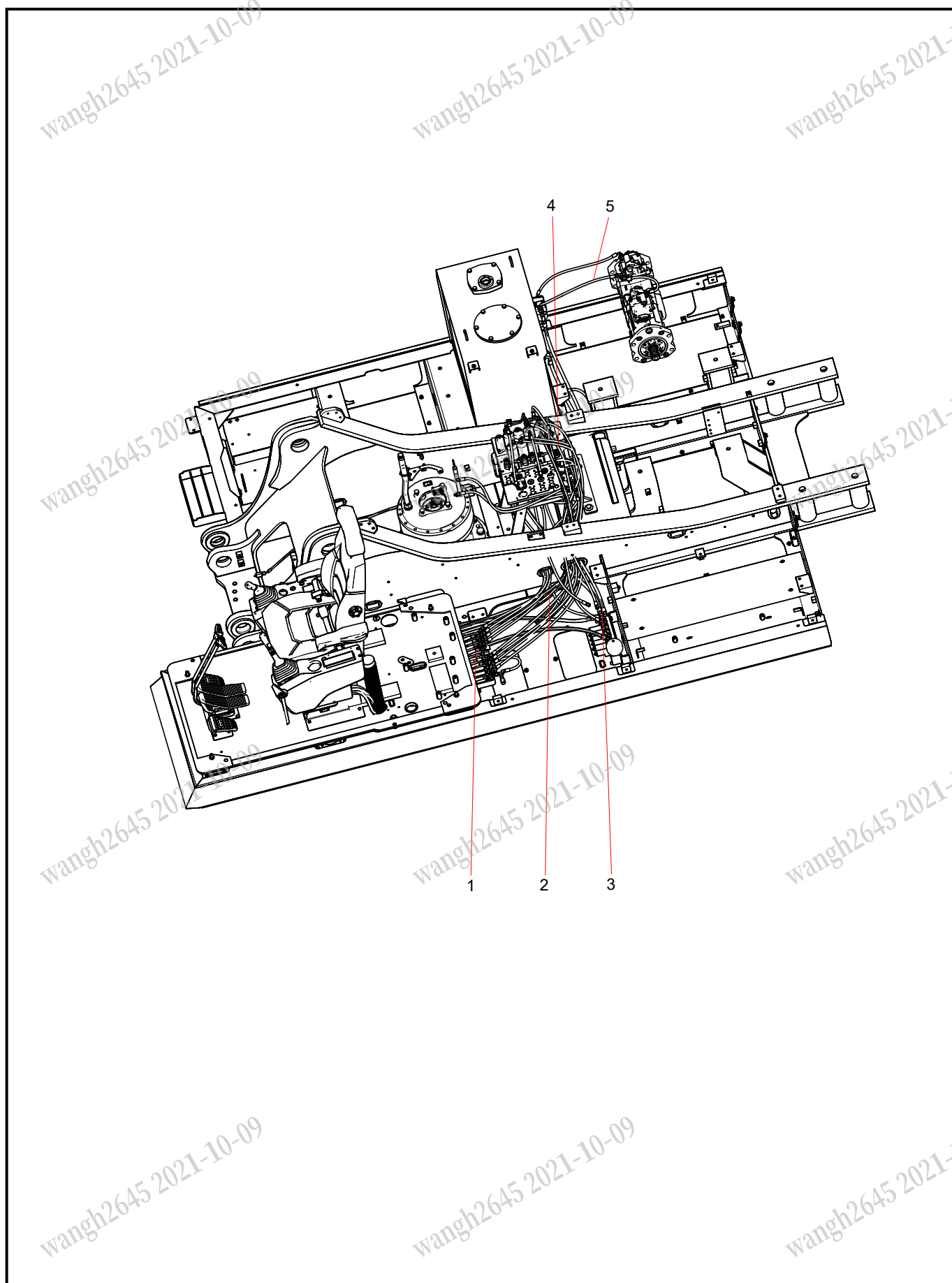
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13215129	Bracket assembly	1	
2	12546994	Rubber cushion	2	
3	11206201	Pipe clip	1	
4	A210204000337	Screw	2	
5	A210111000199	Bolt	2	
6	A210405000001	Washer	2	

14215227 Returning mechanism and main valve assembly

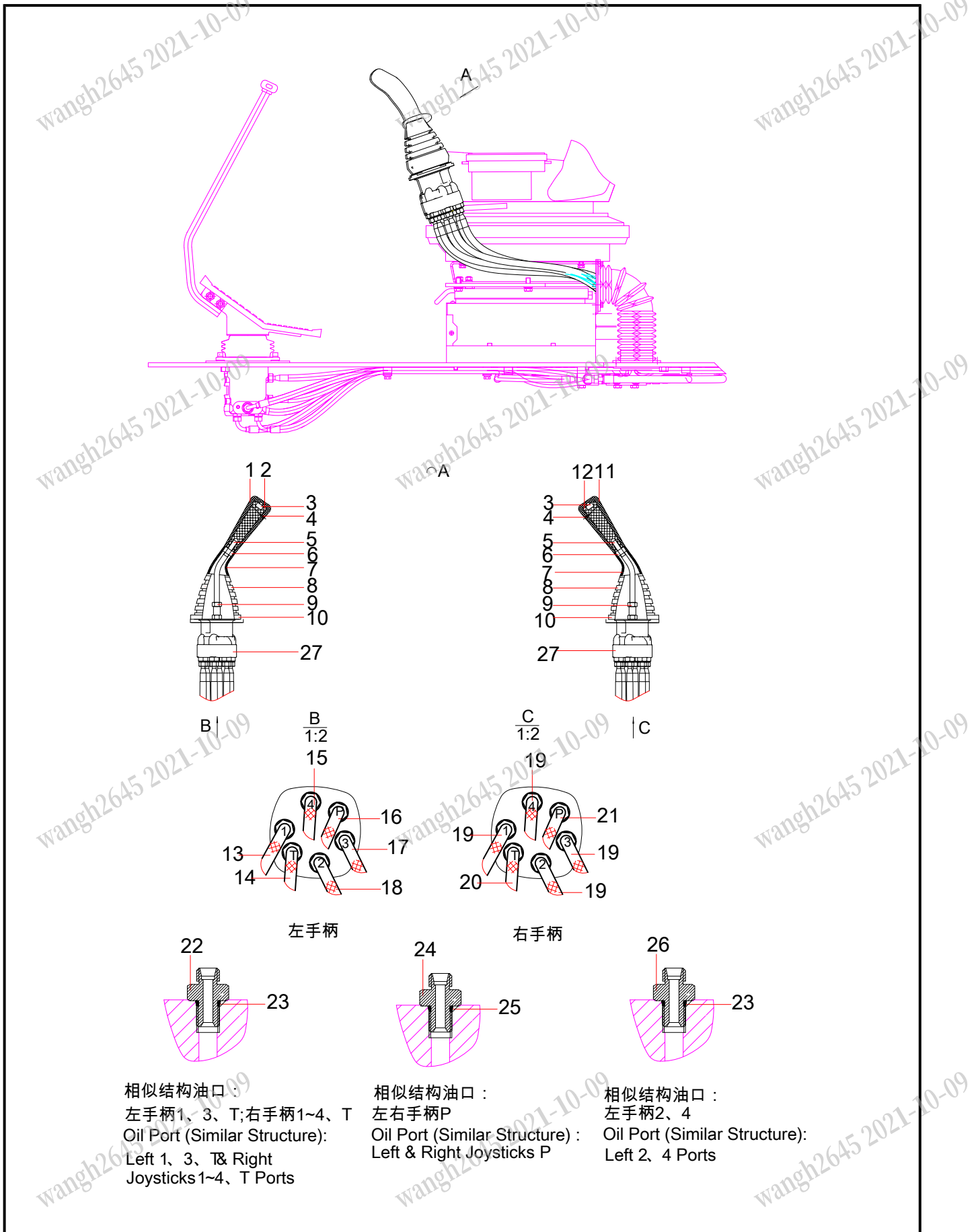


6-80 upper carriage assembly

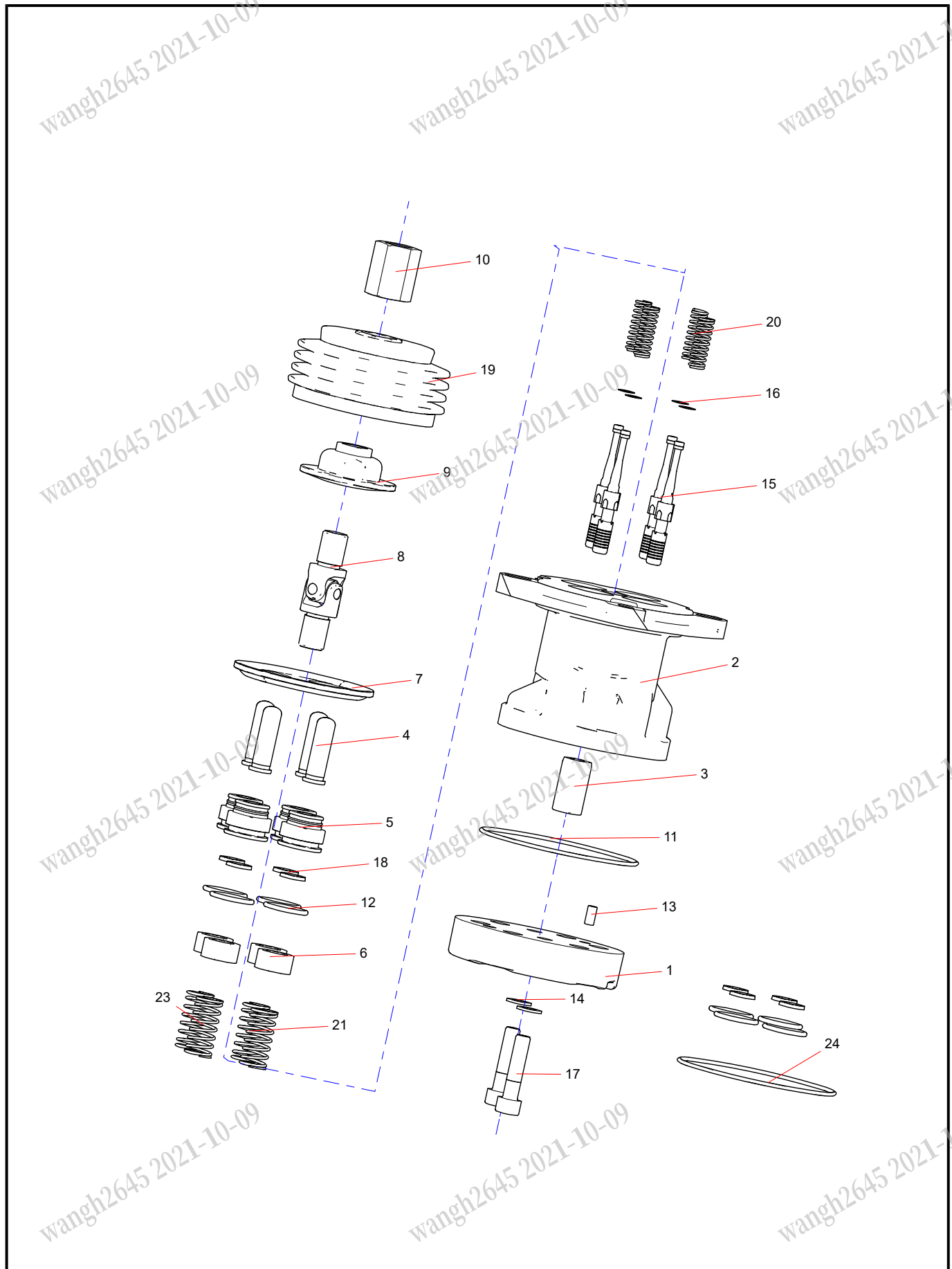
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	B229900000686	Grease Joint	1	
2	60083322	Clamp	1	
3	A210111000199	Bolt	1	
4	B230103000874	Hose	1	
5	A210111000321	Bolt	14	
6	A210491000122	Washer	14	
7	A210111000054	Bolt	4	
8	60060553	Washer	4	
9	A229900010160	Pipe Connector	1	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14167775	PPC pipehose	1	6-84
2	14165628	ppc Pipeline	1	6-88
3	14167869	Ele-valve pipehose	1	6-96
4	14167787	Main valve pilot pipeline	1	6-100
5	14167871	Pilot pipeline of Main Pump	1	6-104

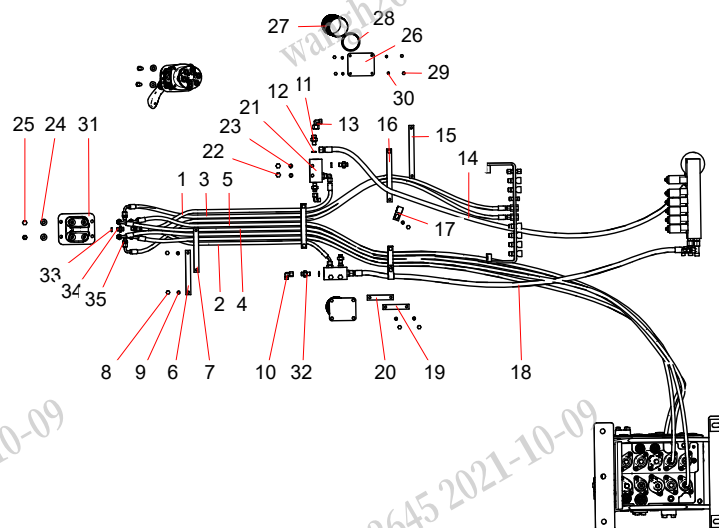


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	B229900001614	Joystick, Right	1	
2	A229900006438	Insert, Switch	1	
3	A241200000875	Switch	1	
4	A210264000022	Self-fapping Screw	2	
5	11050165	Handle, Grip	2	
6	A210308000006	Nut	2	
7	132599000003A	cover	2	
8	A229900001028	Joystick, Rubber Cover	2	
9	A210307000002	Nut	2	
10	A229900001027	Plate	2	
11	B229900001613	Joystick Left	1	
12	60116344	Insert, Switch	1	
13	23000918	Hose	1	
14	B230103002263	Hose Assembly	1	
15	60211153	rubber hose	1	
16	A831211120000	Hose Assembly	1	
17	B230103002722	Hose	1	
18	B230103003138	Hose	1	
19	B230103001375	Hose AS	4	
20	B230103000982	Hose	1	
21	B230103000985	Hose Assembly	1	
22	A820205000946	Fitting	8	
23	B230101000049	O-ring	10	
24	60020078	Fitting, Screen	2	
25	B230101000047	O-ring	2	
26	11287446	Connector	2	
27	60231351	Pilot-control Valve	2	6-86



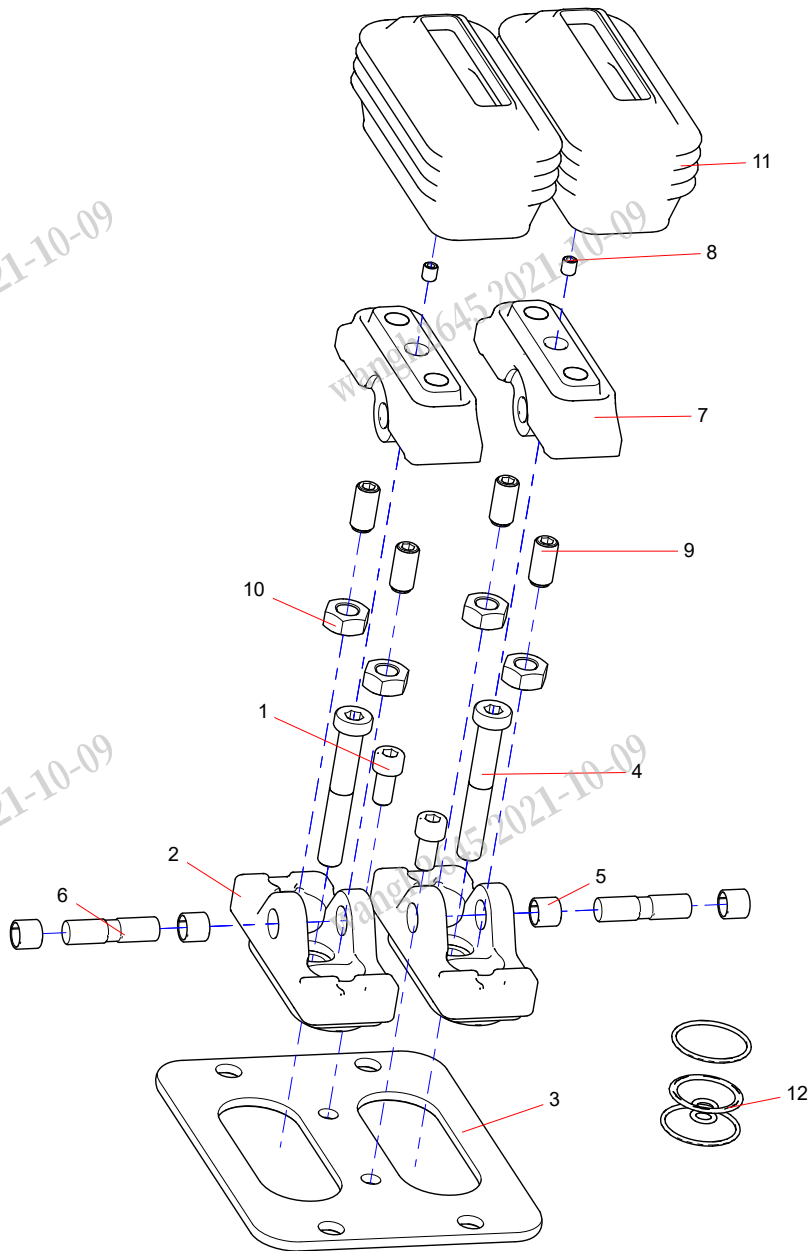
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60008810	Port Connection Plate	1	
2	60008795	Valve Housing	1	
3	60008806	Bushing	1	
4	60008599	Push Rod	4	
5	60008595	Plug	4	
6	60008758	Spring Seat	4	
7	60037936	Plate	1	
8	60008602	Connector	1	
9	60008809	Circular Plate	1	
10	60192530	Nut	1	
11	60008799	O-ring	1	
12	60221667	O-ring	4	
13	60312587	Pin	1	
14	60312584	Sealing Washer	2	
15	60230200	Sliding Shaft	4	
16	60008597	Washer	4	
17	60008786	Screw	2	
18	60008603	Sealing Ring	4	
19	60192531	Rubber Cover	1	
20	60008775	Spring	4	
21	60330135	Spring	2	
23	60086043	Spring	2	
24	61022086	Hand Pilot Valve Repair Kit	1	

14165628 ppc Pipeline

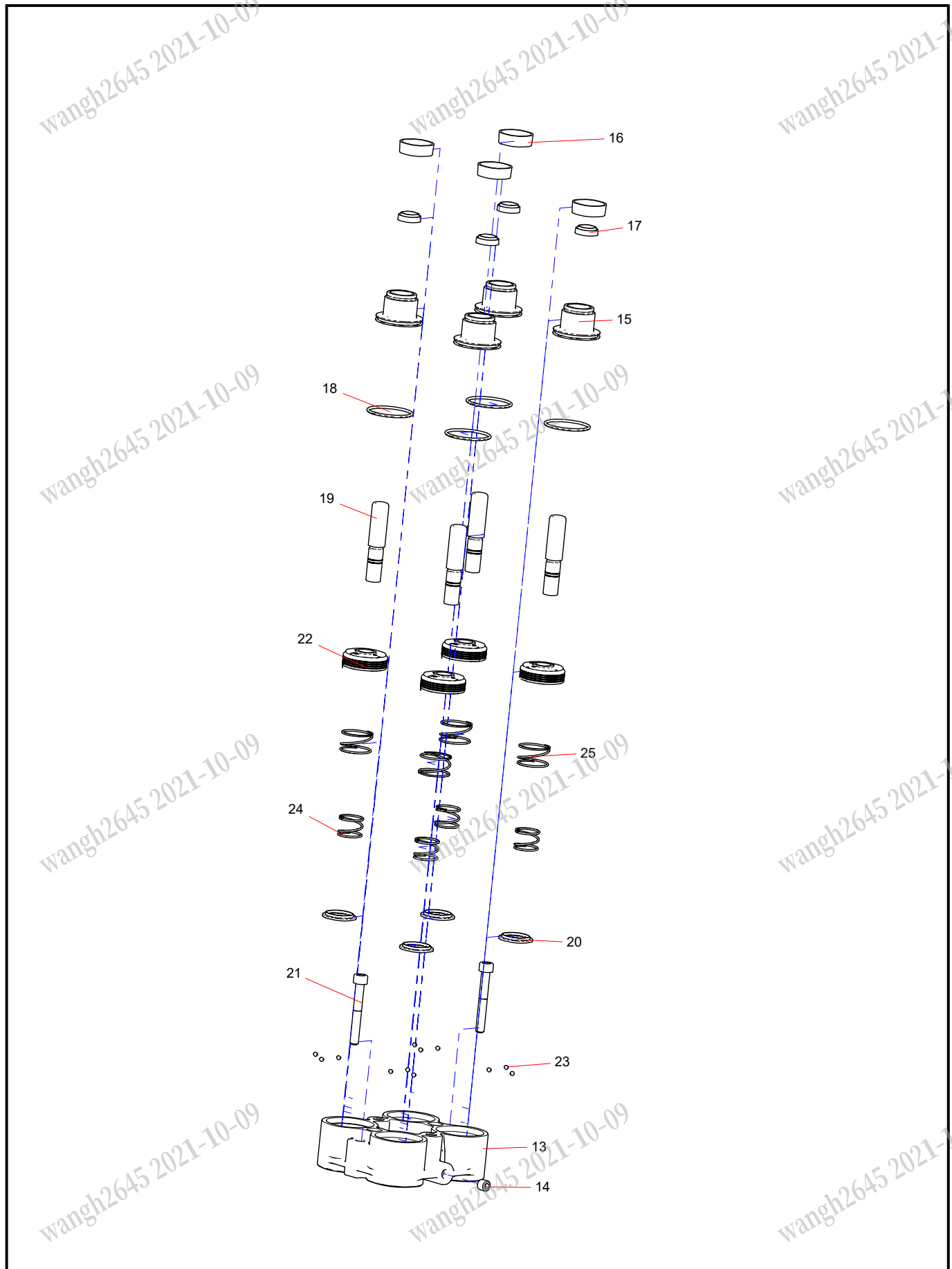


6-88 upper carriage assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A831211095000	Hose AS	1	
2	B230103004205	Rubber Hose	1	
3	B230103003295	Hose AS	2	
4	B230103003279	Rubber Hose	2	
5	B230103002658	Hose AS	2	
6	11243372	Pressure Plate	2	
7	11602341	Rubber Gasket	2	
8	A210111000343	Bolt	10	
9	24000511	Washer	10	
10	B210780000418	Fitting, Elbow	3	
11	A820205000894	Fitting	2	
12	A230101000247	O-ring	8	
13	B210780000024	Fitting, Elbow	1	
14	B230103002291	Hose	1	
15	11243400	Pressure Plate	1	
16	11602359	Rubber Gasket	1	
17	60086354	Clamp	2	
18	60032047	Rubber Hose	1	
19	11243374	Pressure Plate	2	
20	11602348	Rubber Gasket	2	
21	A820199000360	Pt Block	2	
22	21005186	Bolt	4	
23	24000512	Washer	4	
24	A210491000120	Washer	8	
25	A210111000197	Bolt	8	
26	A820601990304	Flange	2	
27	A820601990336	Bellows	2	
28	11243401	Rubber Sleeve	2	
29	A210111000078	Bolt	8	
30	60060564	Washer	8	
31	60170604	Travelling Pilot Valve	1	6-90
32	A820205000839	Joint	6	
33	B230101000047	O-ring	8	
34	60020078	Fitting, Screen	1	
35	A820205000940	Fitting	7	

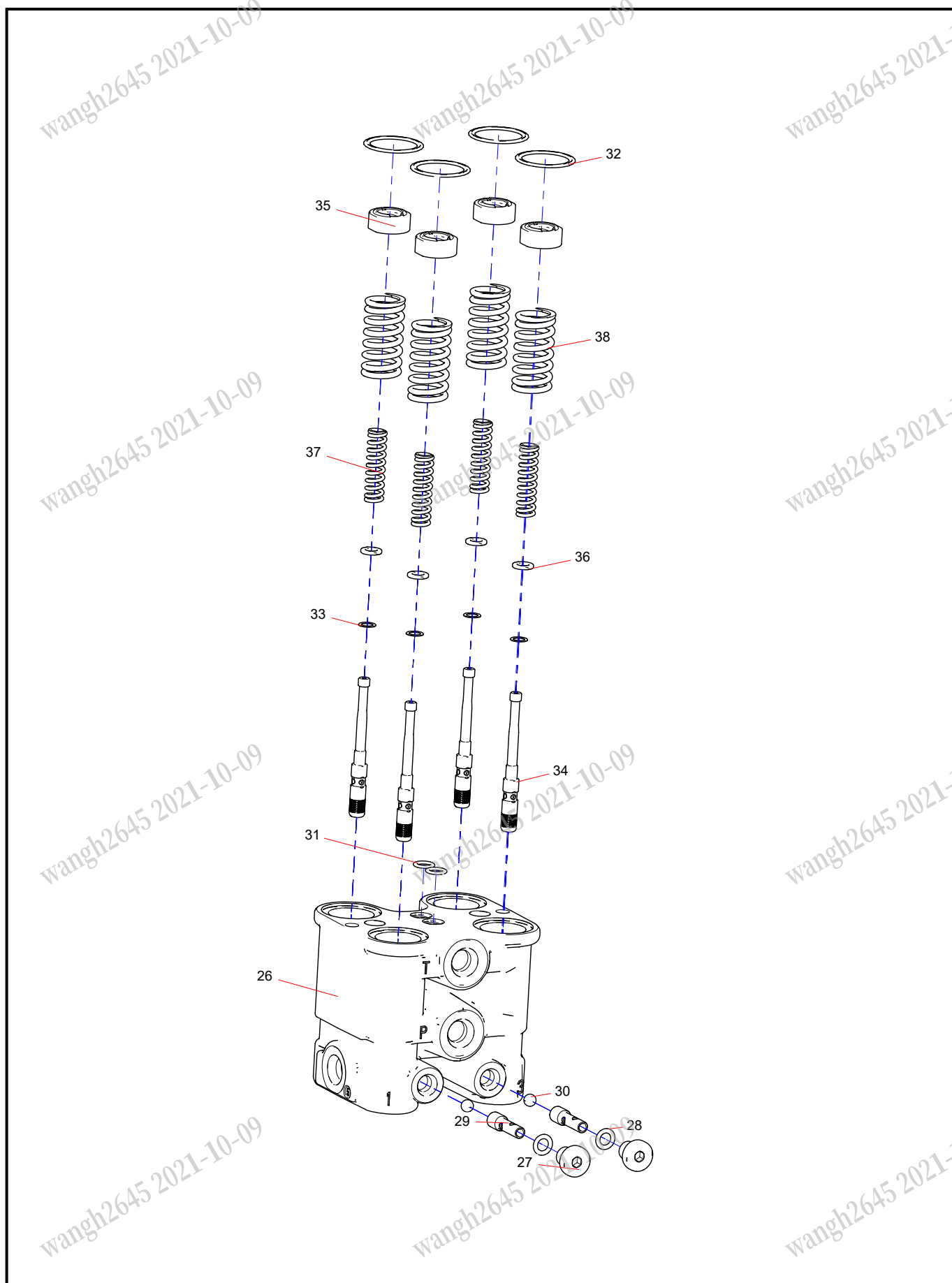


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60237073	Screw	2	
2	60237074	Platen	2	
3	60237075	Mounting Plate	1	
4	60237078	Screw	2	
5	60008690	Bushing	4	
6	60008585	Camshaft	2	
7	60008591	Cam	2	
8	60237082	Set Screw	2	
9	60008592	Adjusting Screw	4	
10	60038480	Nut	4	
11	60237083	Guard	2	
12	60331164	Foot Pilot Valve Repair Kit	1	



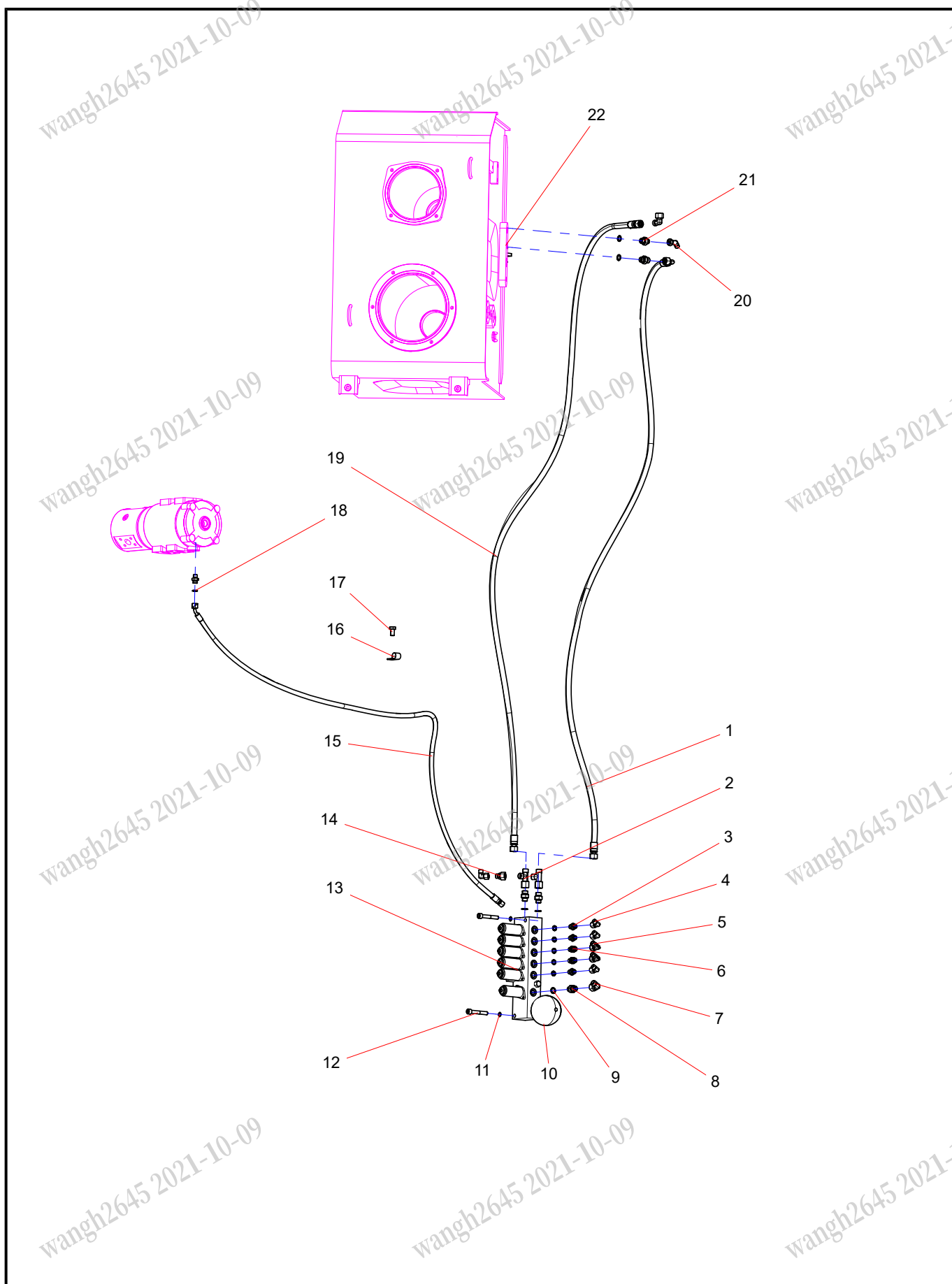
6-92 upper carriage assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
13	60237072	Valve Body	1	
14	60008728	Set Screw	1	
15	60163768	Blockage	4	
16	60008754	End Cap	4	
17	60163771	Dust Ring	4	
18	60038720	O-ring	4	
19	60273527	Plunger	4	
20	60008756	Spring Seat	4	
21	60038563	Screw	2	
22	60008803	Piston	4	
23	60237077	Ball	12	
24	60008766	Spring	4	
25	60008767	Spring	4	



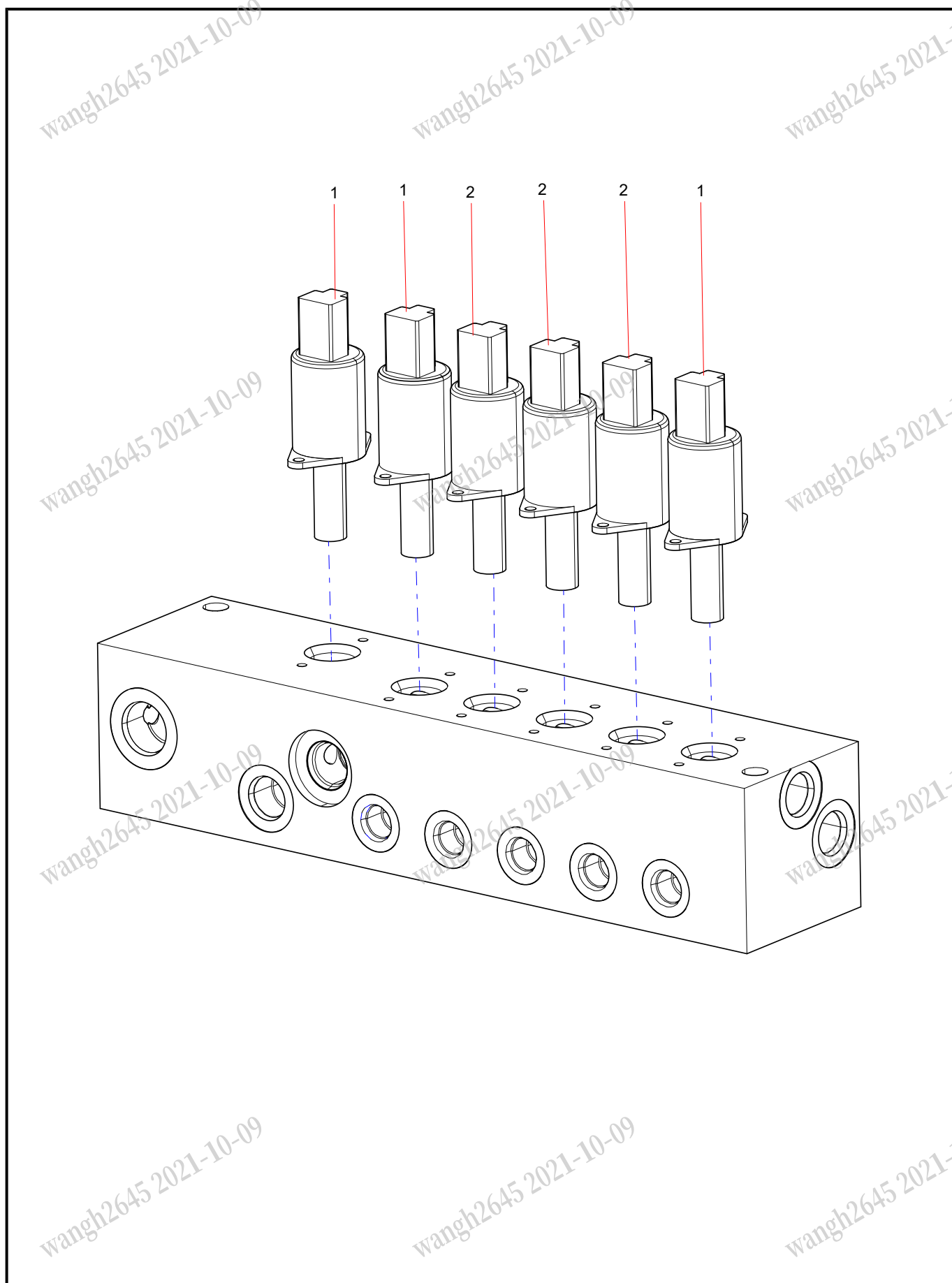
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
26	60273523	Valve Housing	1	
27	60273524	Plug	1	
28	60221657	O-ring	1	
29	60273525	Seat	1	
30	60273526	Ball	1	
31	60038727	O-ring	1	
32	60038820	O-ring	1	
33	60008597	Washer	1	
34	60273528	Spool	1	
35	60237080	Spring Seat	1	
36	60008589	Washer	1	
37	60008594	Spring	1	
38	60038221	Spring	1	

14167869 Ele-valve pipehose

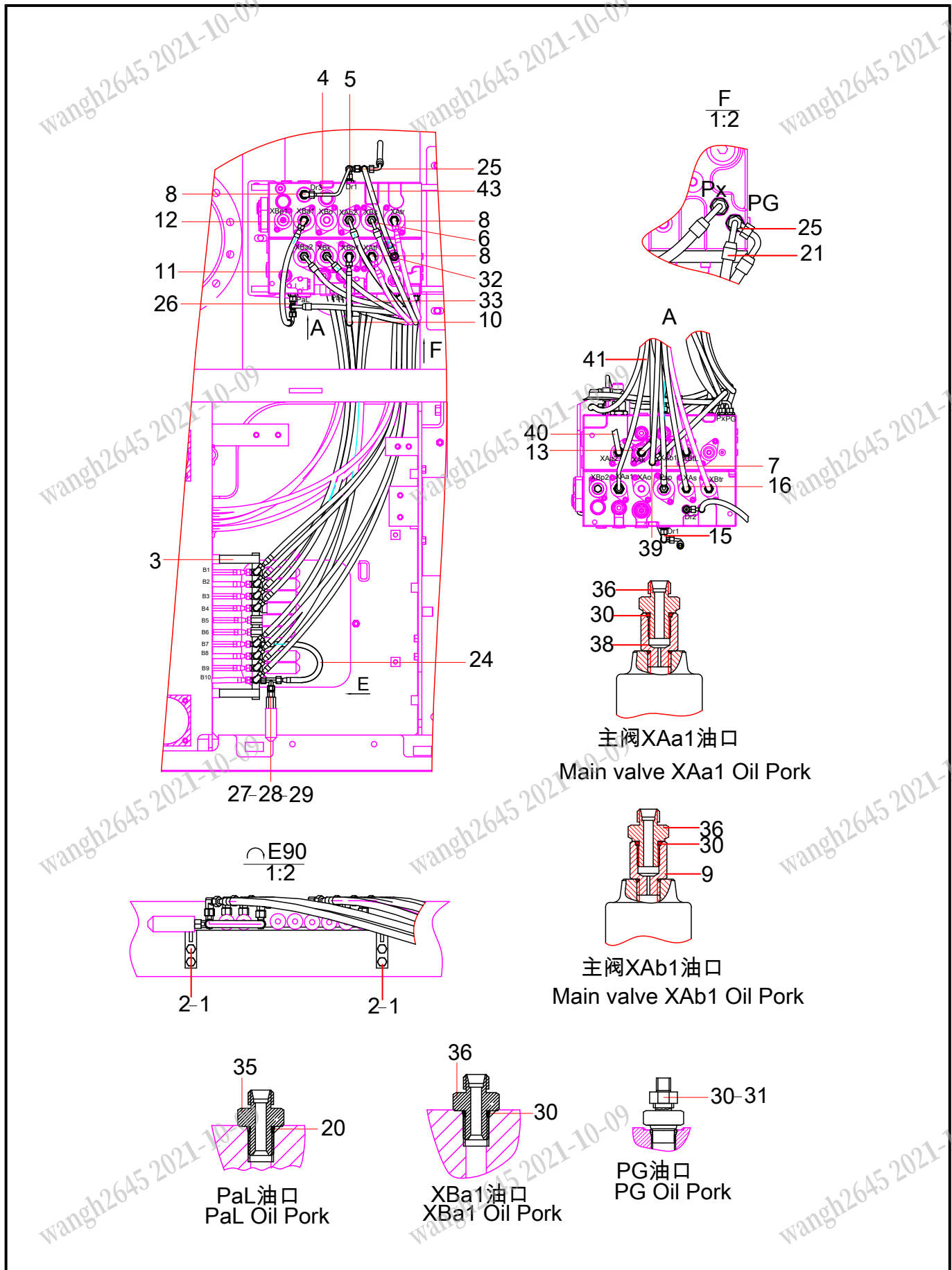


6-96 upper carriage assembly

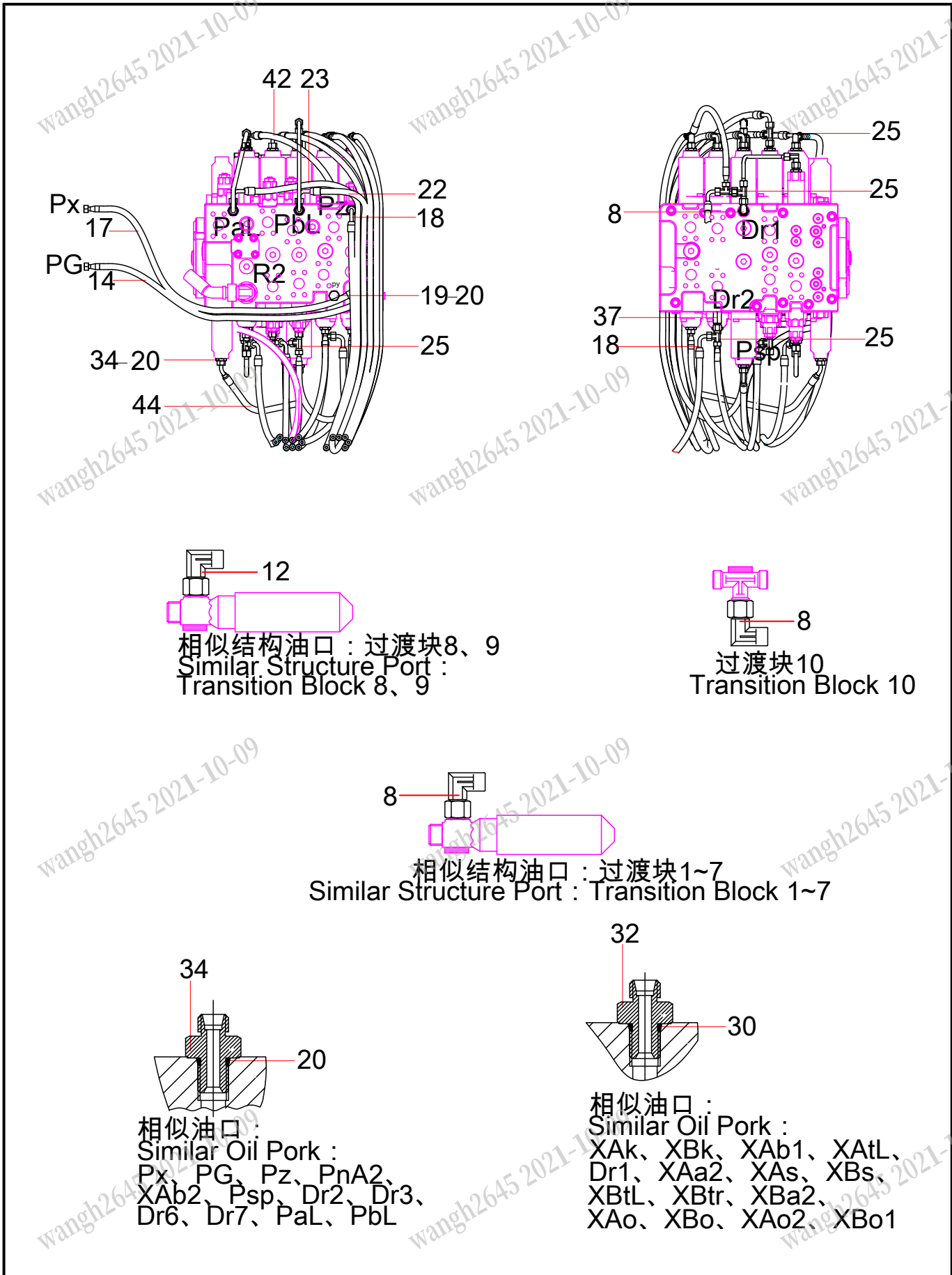
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	B230103002358	Rubber Hose	1	
2	B210780000016	Fitting, Tee	2	
3	A820205000940	Fitting	4	
4	B210780000418	Fitting, Elbow	4	
5	B210780000636	Fitting, Elbow	2	
6	A820205002445	Connector	2	
7	B210780000024	Fitting, Elbow	2	
8	A820205000961	Connector	4	
9	B230101000049	O-ring	5	
10	60265303	Accumulator	1	
11	24000512	Washer	2	
12	A210204000345	Screw	2	
13	60136331	Solenoid Valve Group	1	6-98
14	B210780000827	Connector Pipe	1	
15	B230103006127	Hose	1	
16	60083322	Clamp	1	
17	A210111000199	Bolt	1	
18	B230101000047	O-ring	6	
19	B230103002290	Tube	1	
20	A229900010160	Pipe Connector	1	
21	A820205000946	Fitting	1	
22	13267718	joint	1	



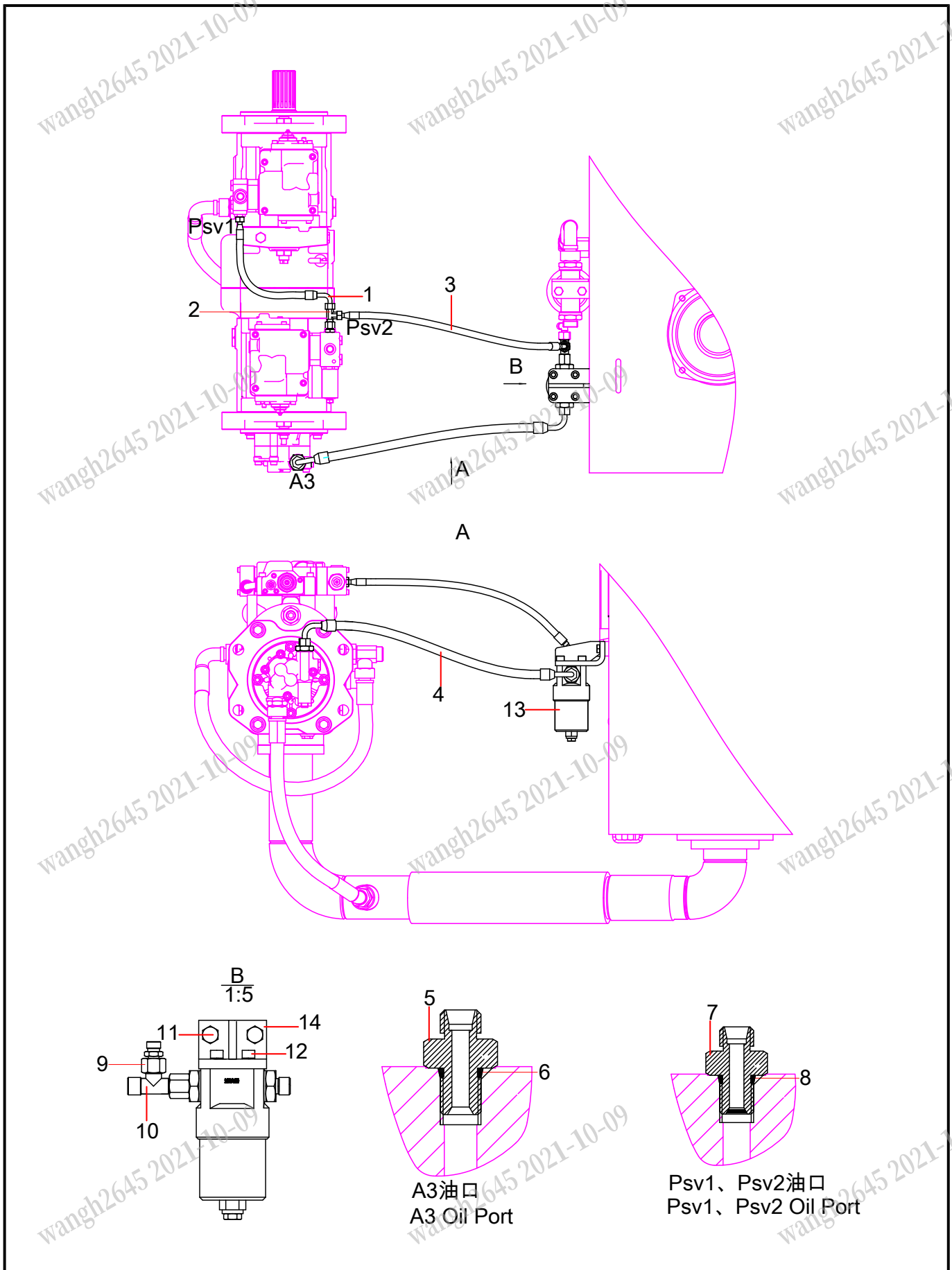
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60065224	Solenoid Switching Valve	3	
2	60065222	Electric Proportional Pressure Reducing Valve	3	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210204000215	Screw	4	
2	60060546	Washer	4	
3	13784563	Transitional support	1	
4	14019927	steel tube	1	
5	60000307	Hose, rubber	1	
6	23000745	Rubber Hose	1	
7	B230103000874	Hose	1	
8	B210780000418	Fitting, Elbow	11	
9	A220401000609	One-way Throttle	1	
10	B230103006035	Hose, rubber	1	
11	B230103001233	Rubber Hose	1	
12	B210780000636	Fitting, Elbow	3	
13	B230103000988	Hose	1	
15	B230103001114	Hose Assembly	1	
16	21003859	Hose	1	
20	B230101000047	O-ring	15	
21	B230103001359	Hy Hose 1Sn6-Dkol-Dkol90-1000Q/Sy1102	1	
24	B230103002045	Hose AS	1	
25	B210780000170	Three Way Combination Joint	7	
26	B210780000015	Fitting, Tee	1	
27	A820205001061	Pressure Sensor Connector	1	
28	B210780001045	Fitting	1	
29	B220400000169	Valve, Shuttle, Tee	1	
30	B230101000049	O-ring	20	
31	60020078	Fitting, Screen	1	
32	A820205000946	Fitting	17	
33	B230103004707	Hose	1	
35	A820205002445	Connector	1	
36	11287446	Connector	4	
38	A220401000593	One-way Throttle	1	
39	B230103000074	Hy hose 1SN6-DKOL-DKOL90-1600Q/SY1102	1	
40	B230103001755	Hose	1	
41	B230103003192	Hose	1	
43	B230103007049	Hose	1	

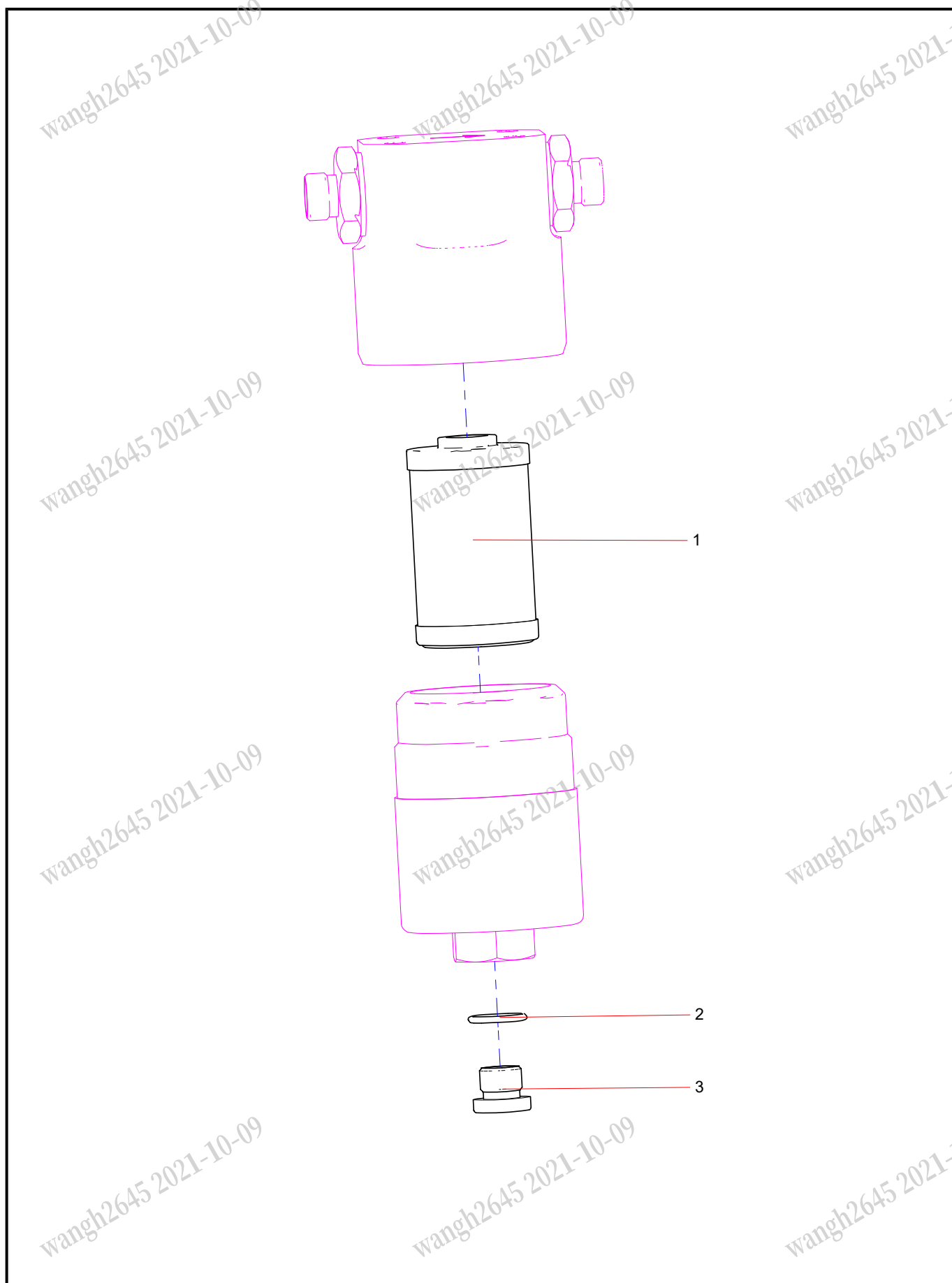


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
8	B210780000418	Fitting, Elbow	11	
12	B210780000636	Fitting, Elbow	3	
14	B230103000730	Rubber Hose	1	
17	B230103003046	Hose	1	
18	B230103000872	Rubber Hose 1SN6-DKOL-DKOL90-1500	2	
19	A820205001771	Plug	1	
20	B230101000047	O-ring	15	
22	B230103005509	Rubber Hose	1	
23	B230103003304	Hose	1	
25	B210780000170	Three Way Combination Joint	7	
30	B230101000049	O-ring	20	
32	A820205000946	Fitting	17	
34	A820205000940	Fitting	13	
37	12977186	G1/4-M14 Connector	1	
42	21003903	Hose	1	
44	B230103000877	Rubber Hose	1	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	21018549	Rubber Hose	1	
2	B210780000170	Three Way Combination Joint	1	
3	23001117	Hose	1	
4	B230103002573	Rubber Hose	1	
5	B230101000356	O-ring	1	
6	A820205000941	Connector, Straight	1	
7	B230101000047	O-ring	2	
8	A820205000940	Fitting	2	
9	B210780000827	Connector Pipe	1	
10	B210780000016	Fitting, Tee	1	
11	A210111000101	Bolt	2	
12	A210204000339	Screw	4	
13	B229900000063	High Pressure Filter	1	6-106
14	13211822	Pilot filter bracket	1	

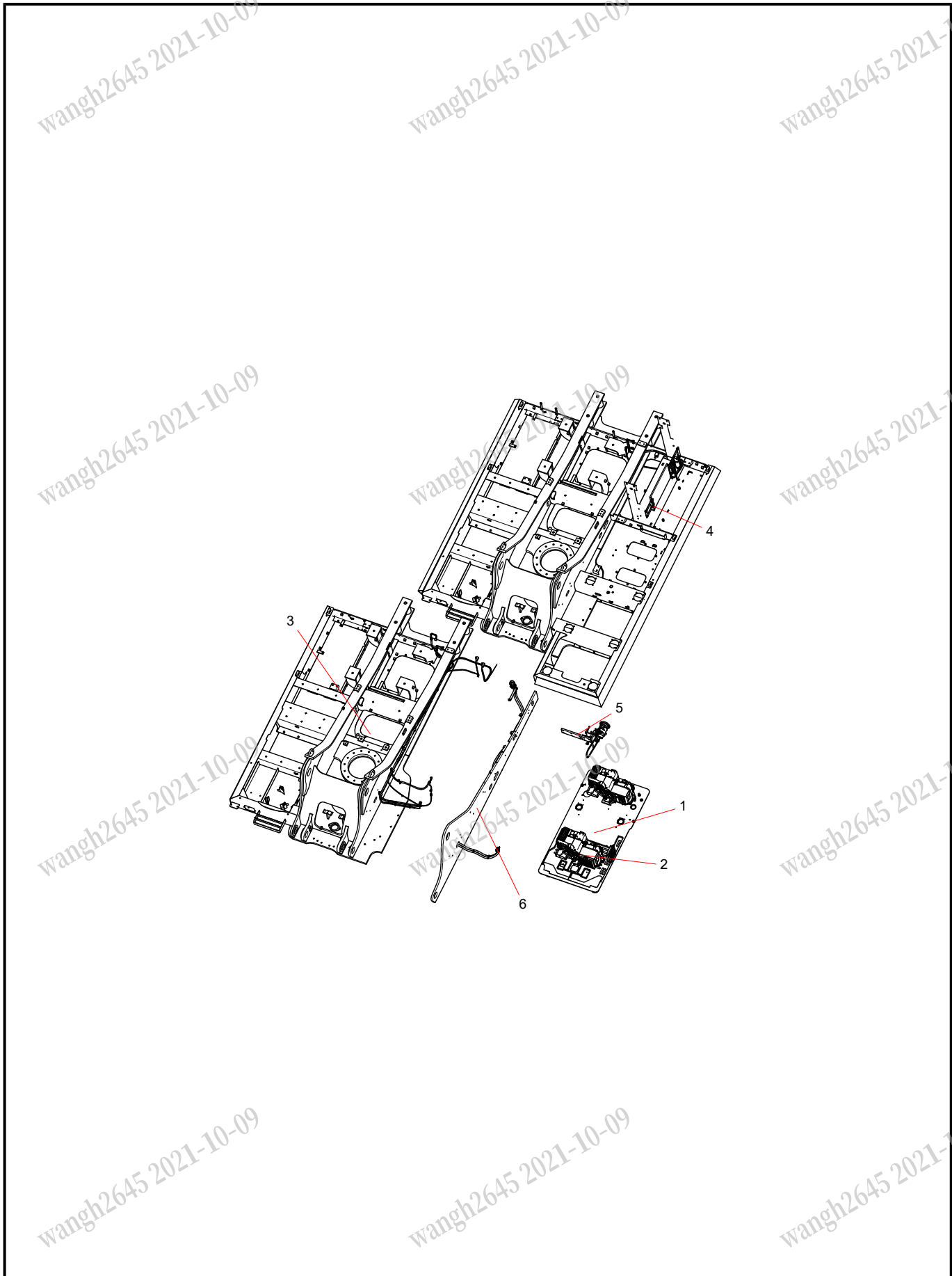
B229900000063 High Pressure Filter



6-106 upper carriage assembly

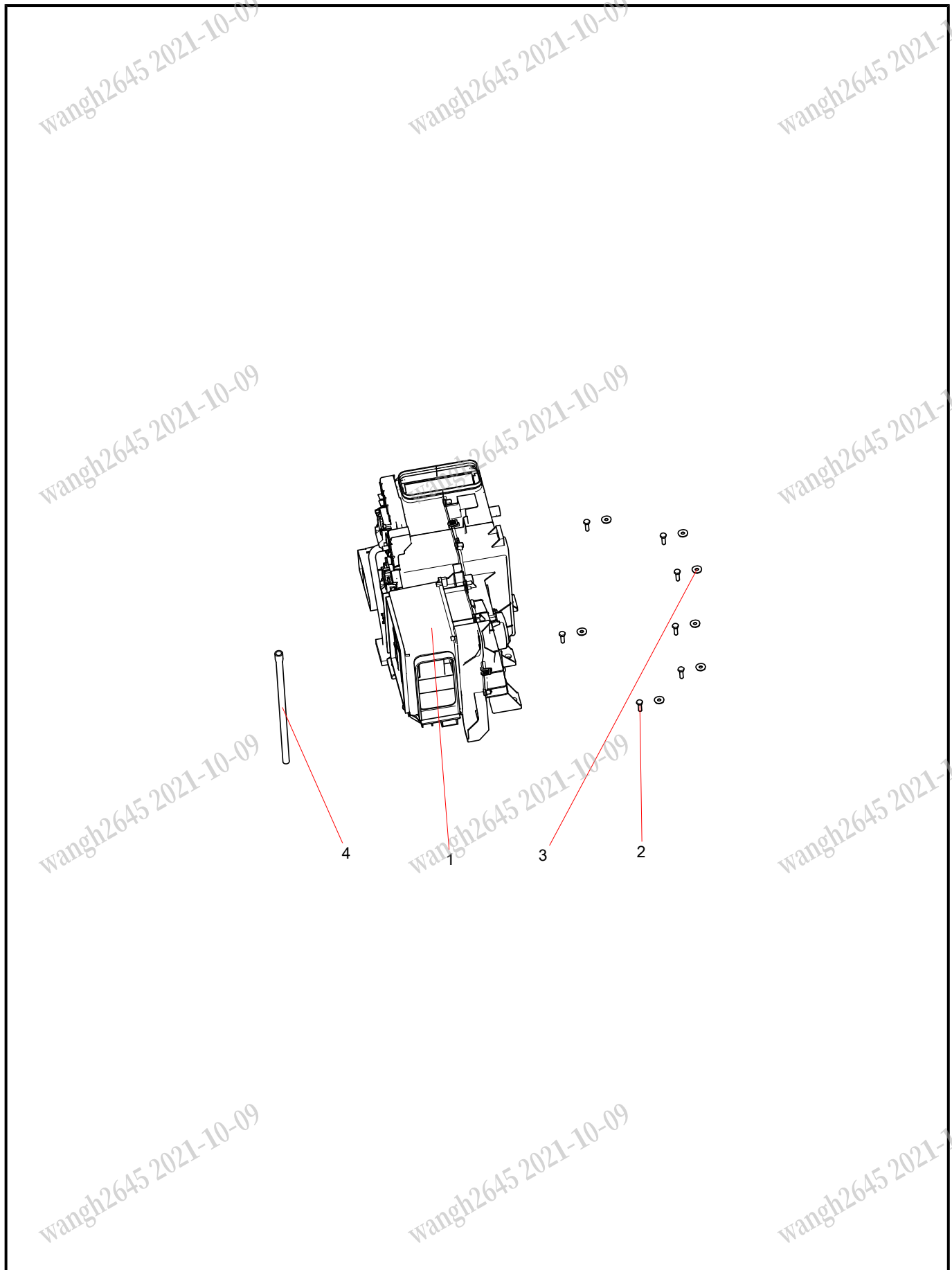
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A222100000119	Pilot Hydraulic Oil Filter	1	
2	21000077	O-ring	1	
3	60294884	Plug	1	

14157644 air conditioning



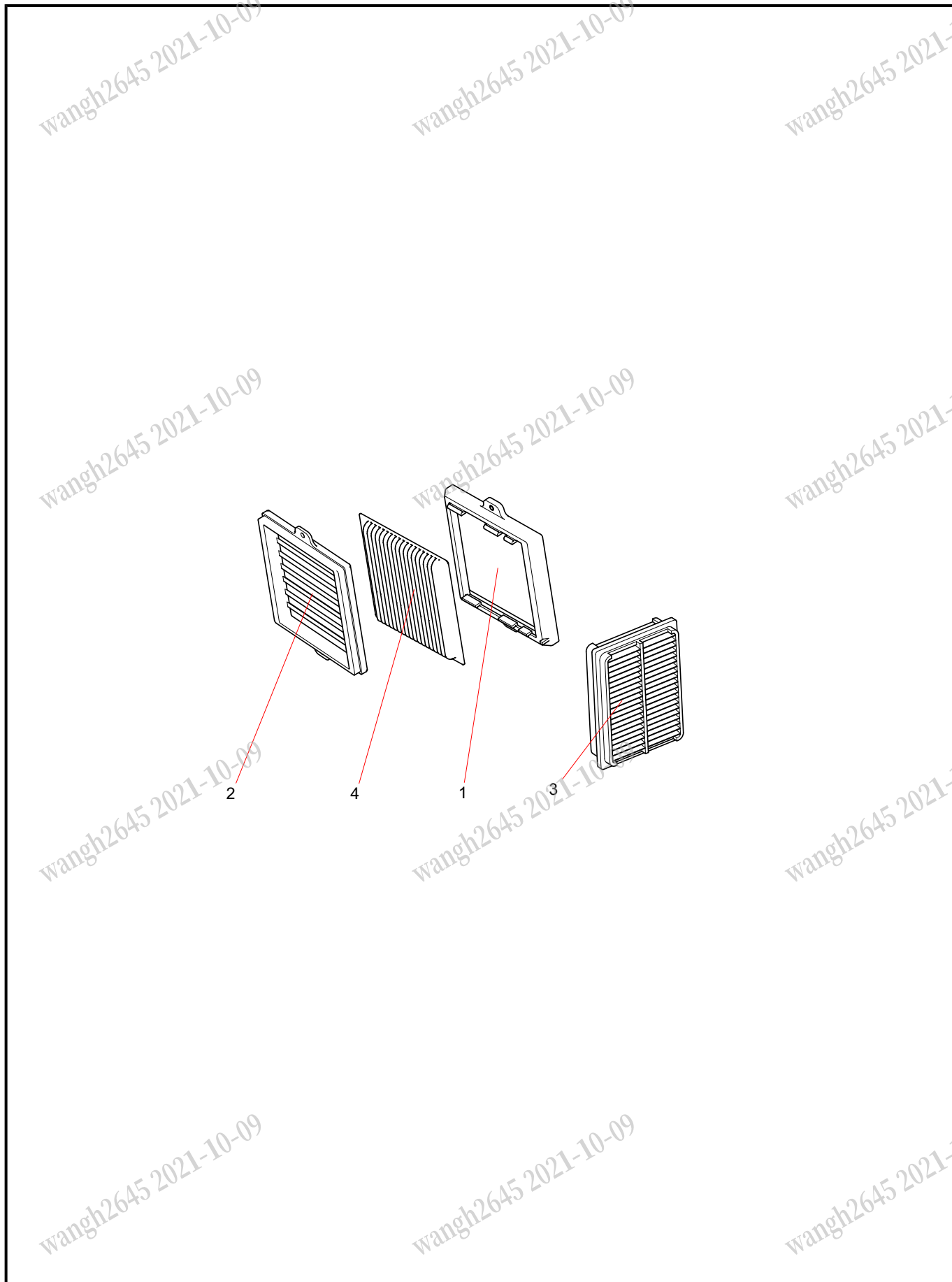
6-108 upper carriage assembly

INDEX	PART NO.	DESCRIPTION	QTY	SEE PAGE
1	14144625	Air conditioner Installation	1	6-110
2	14145743	filter installation	1	6-112
3	14145074	refrigerant pipe installation	1	6-114
4	14145076	Condenser installation	1	6-116
5	14145075	compressor installation	1	6-118
6	14145070	Rubber hose installation	1	6-120



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60168171	Assembly, Air Conditioner	1	
2	A210111000323	Bolt	7	
3	60060565	Washer	7	
4	SSY005548561	Hose, drain	1	

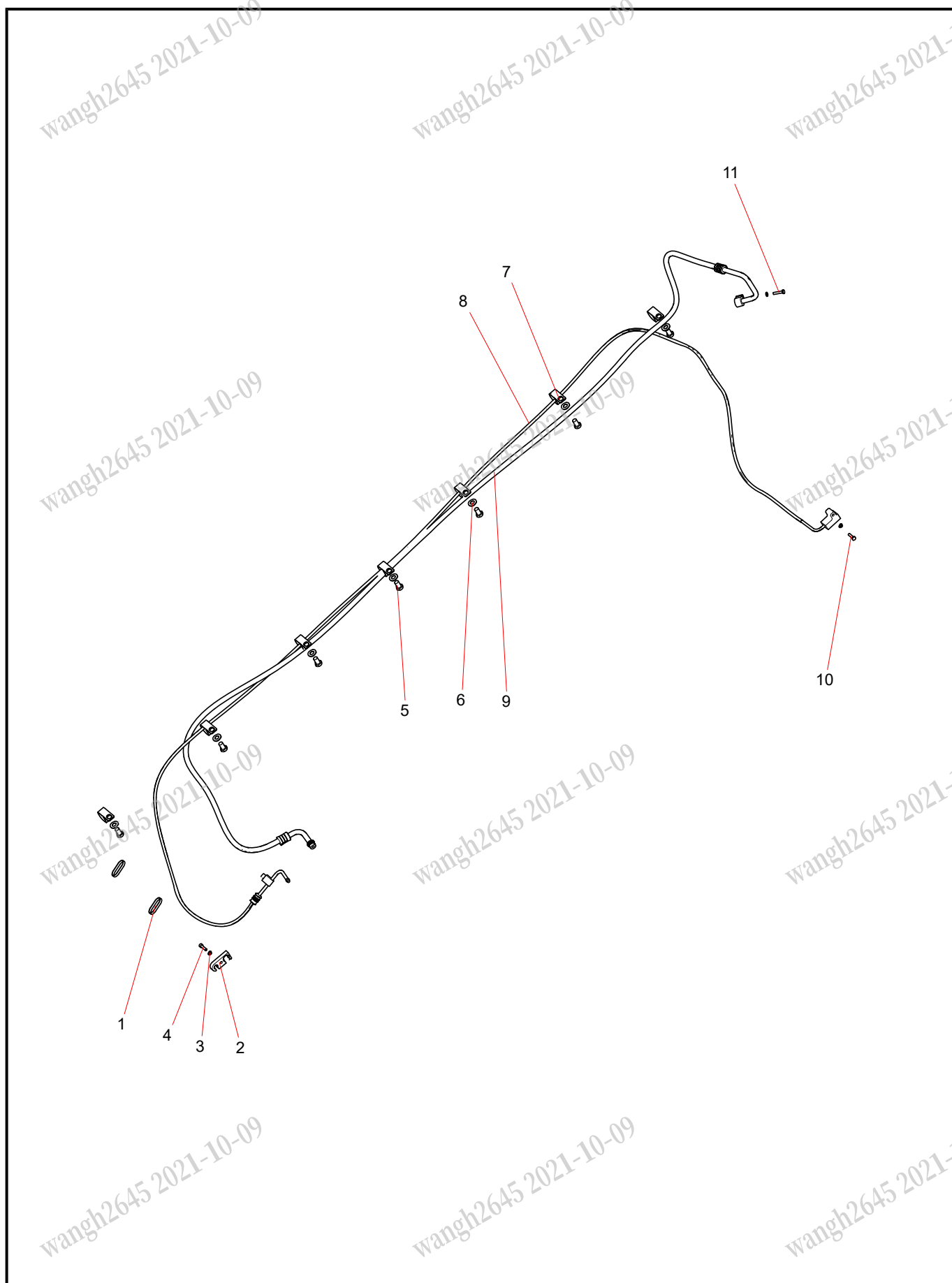
14145743 filter installation



6-112 upper carriage assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13626481	Rear Cover Component	1	
2	SSY005095462	Front Cover Plate 1	1	
3	60250669	Outer Air Filter	1	
4	141502000382B	Inner Air Filter	1	

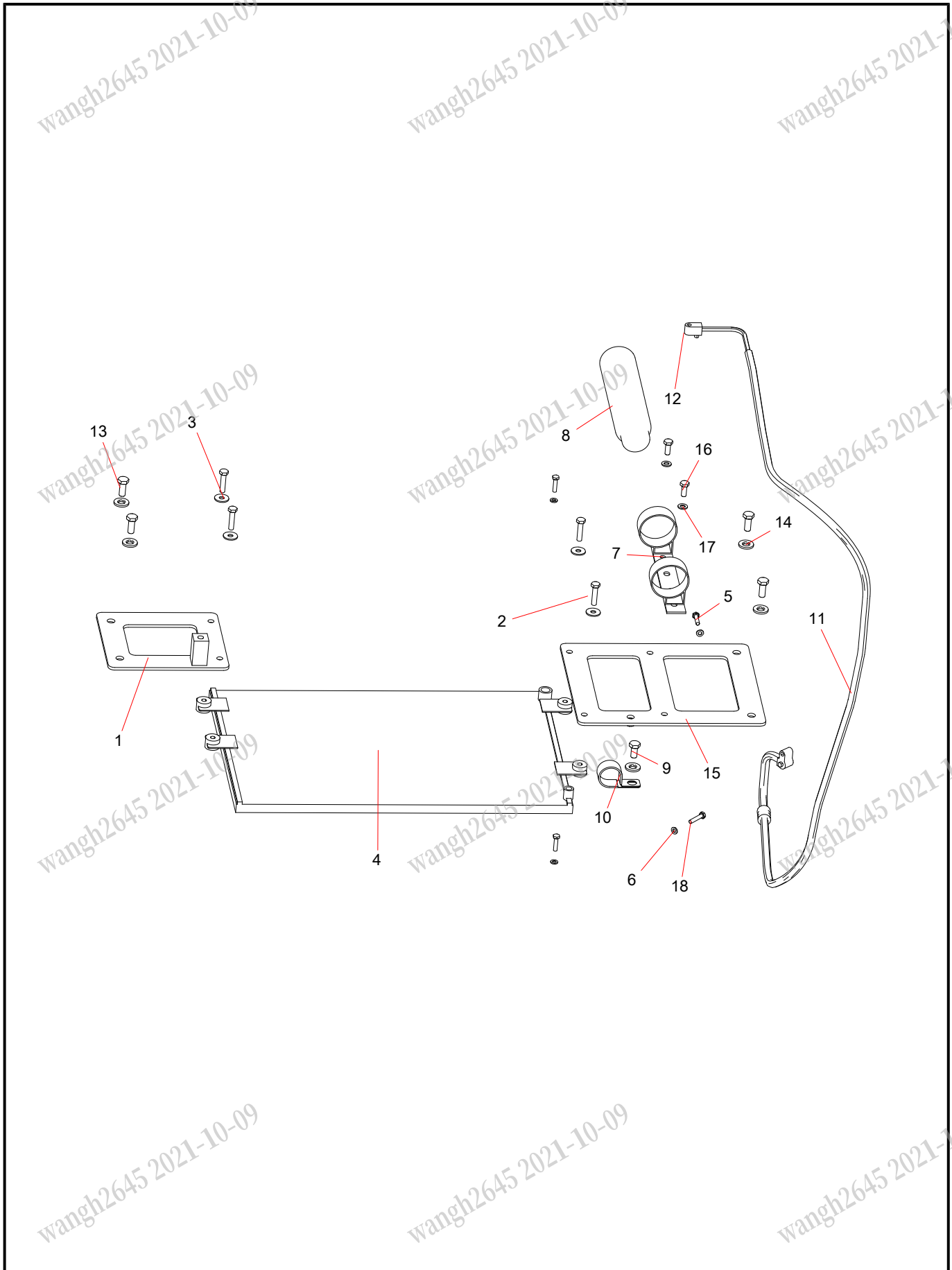
14145074 refrigerant pipe installation



6-114 upper carriage assembly

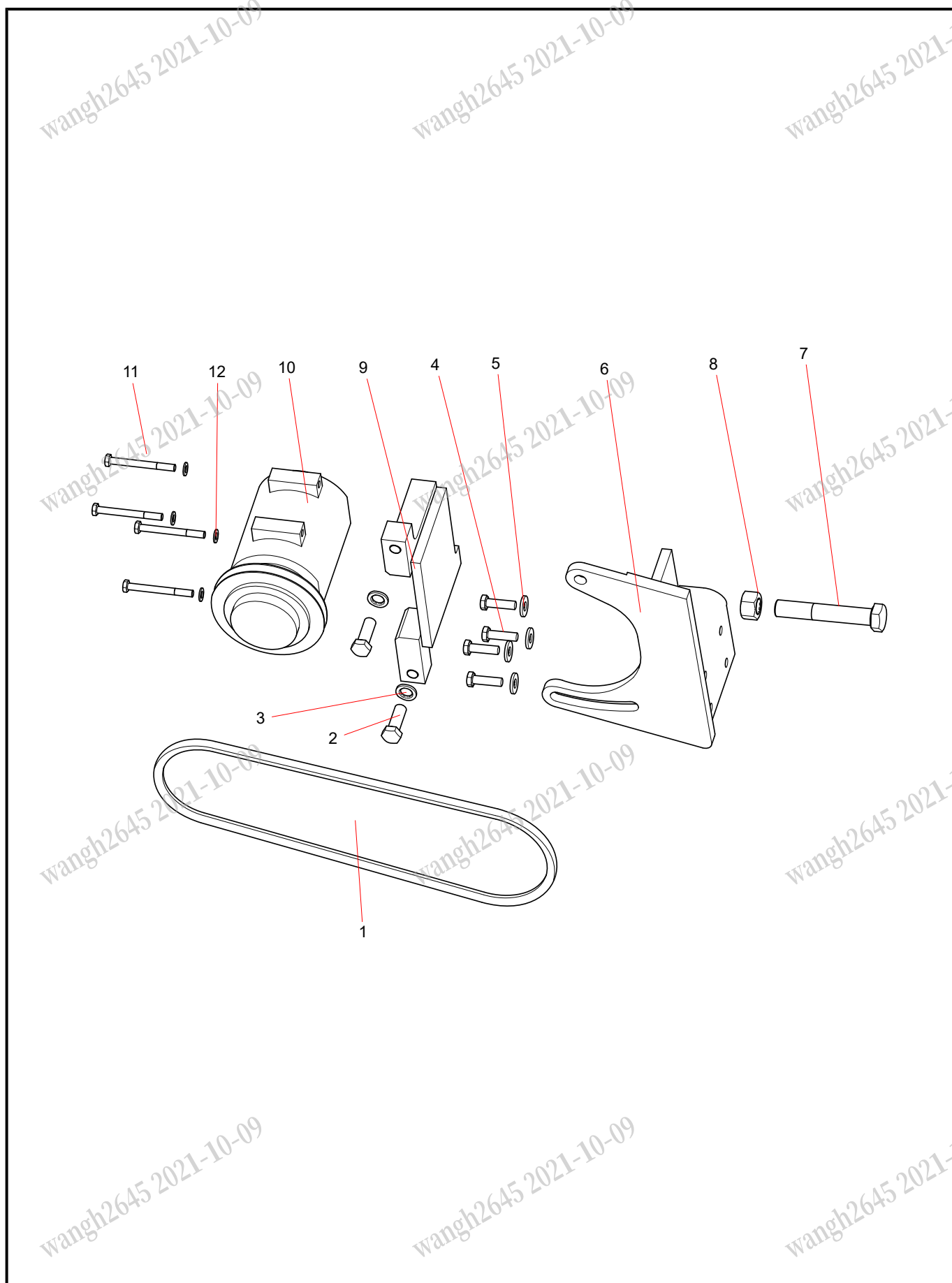
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A239900000066	Nylon Strap	2	
2	60250668	Pressure Plate	1	
3	24000632	Washer	3	
4	24002251	Screw	1	
5	A210111000199	Bolt	7	
6	A210491000121	Washer	7	
7	60086357	Clamp	7	
8	60001239	Hose, Liquid	1	
9	60224079	Hose, Suction	1	
10	A210111000081	Bolt	1	
11	A210111000082	Bolt	1	

14145076 Condenser installation



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14333245	Left support of condenser	1	
2	A210111000092	Bolt	4	
3	60060565	Washer	4	
4	A220700000028	Condenser	1	
5	A210111000081	Bolt	3	
6	24000632	Washer	4	
7	A229900008784	Reservoir Bracket	1	
8	B229900005141	Reservoir	1	
9	A210111000012	Bolt	1	
10	60086357	Clamp	1	
11	60001233	Hose, Discharge	1	
12	60001238	Rubber Hose	1	
13	A210111000197	Bolt	4	
14	A210491000120	Washer	5	
15	14333246	Right support of condenser	1	
16	A210111000343	Bolt	2	
17	24000633	Washer	2	
18	A210111000082	Bolt	1	

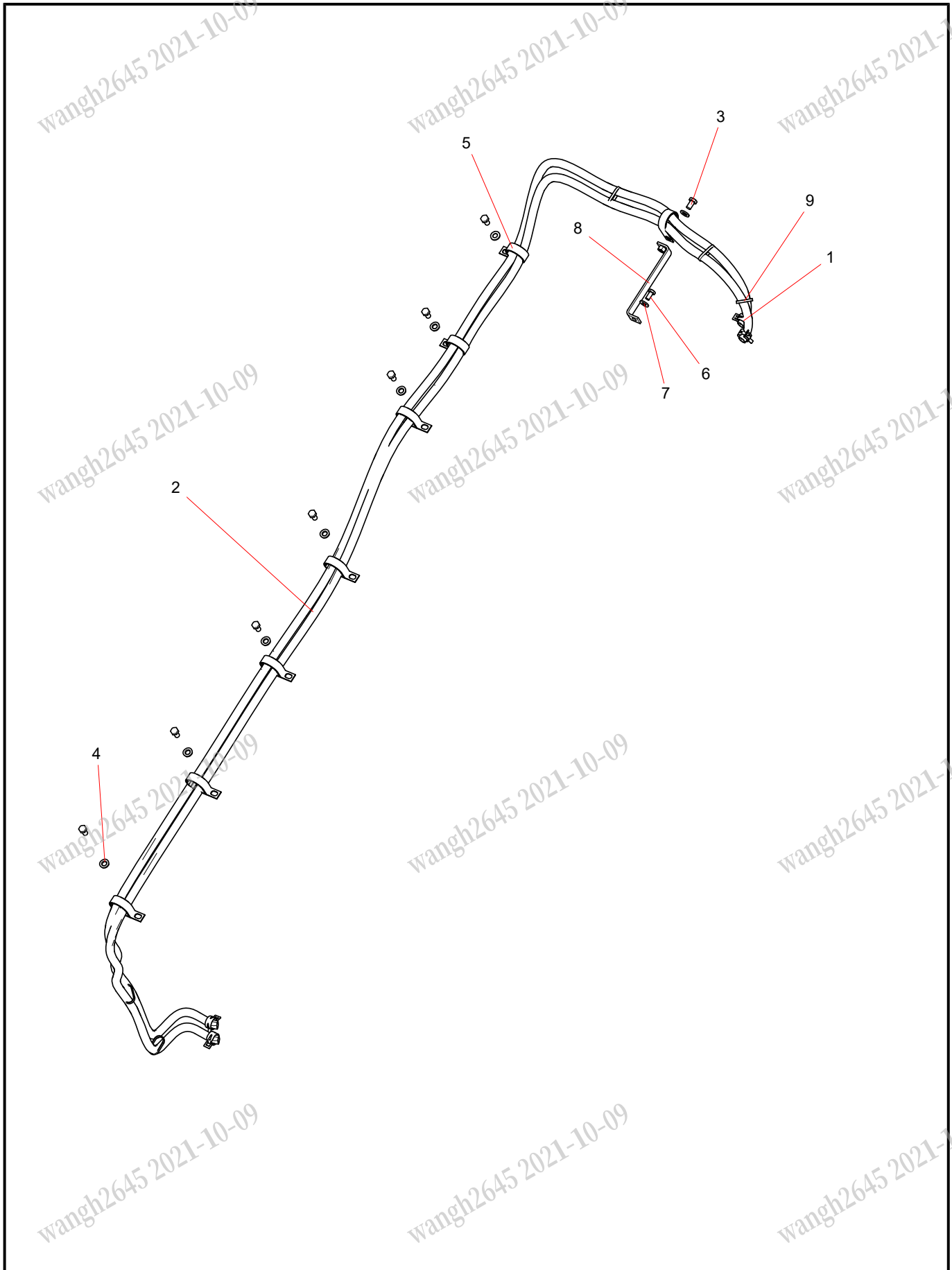
14145075 compressor installation



6-118 upper carriage assembly

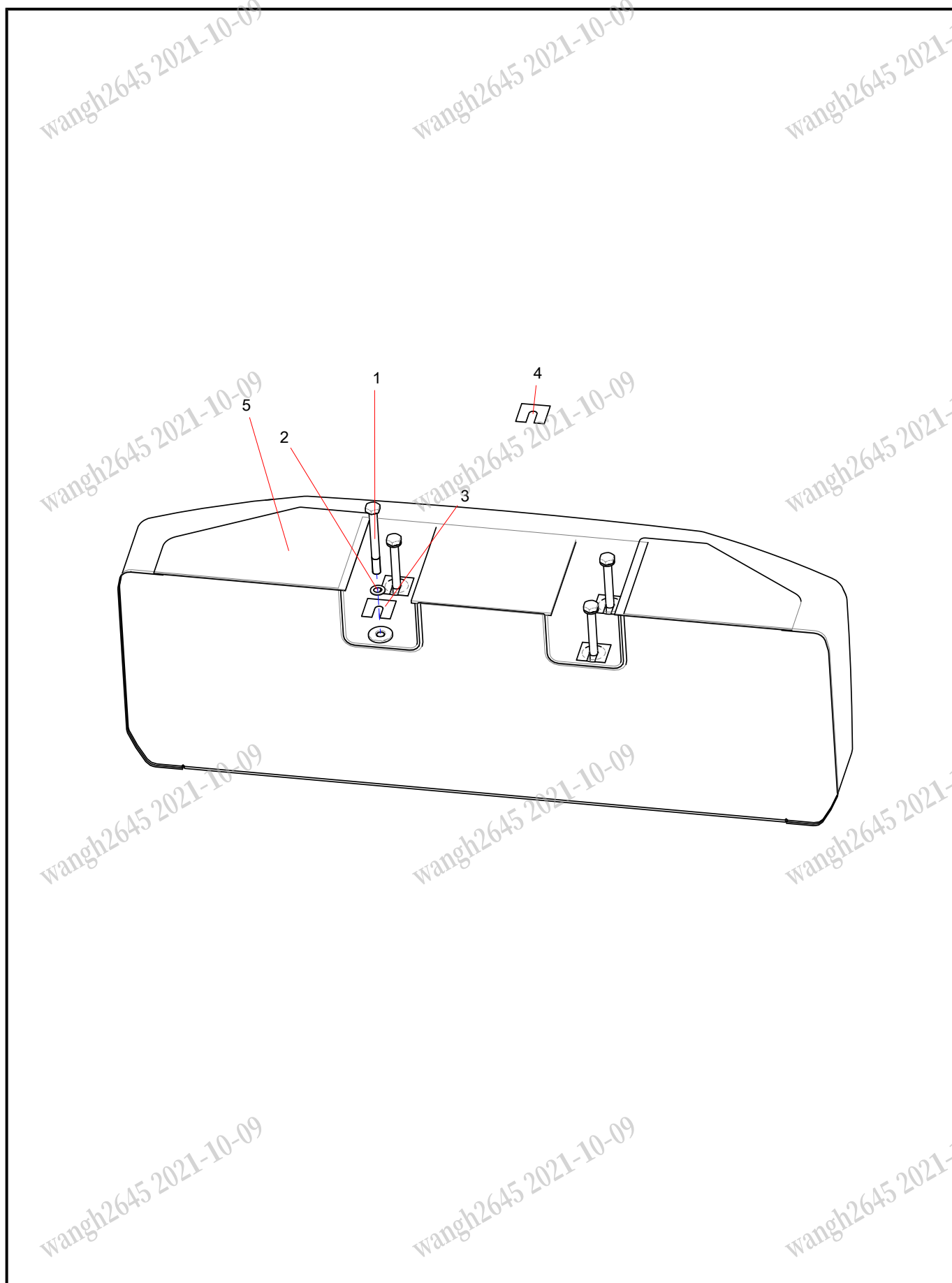
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A230106000403	Type A Triangular Belt	1	
2	A210111000208	Bolt	2	
3	A210444000001	Washer	2	
4	A210111000026	Bolt	4	
5	A210491000120	Washer	4	
6	A810505011071	CompressorBracket	1	
7	A210110000304	Bolt	1	
8	A210307000029	Nut	1	
9	10144193	Adjusting Seat	1	
10	B220203000007	Compressor	1	
11	A210108000097	Bolt	4	
12	24000633	Washer	4	

14145070 Rubber hose installation



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60166393	Split Flow Gear Pump	4	
2	13255673	Hose	2	
3	A210111000199	Bolt	8	
4	A210491000121	Washer	8	
5	60149606	Clamp	8	
6	A210111000012	Bolt	1	
7	A210491000120	Washer	1	
8	A810505990026	Tube Clamp	1	
9	A239900000066	Nylon Strap	5	

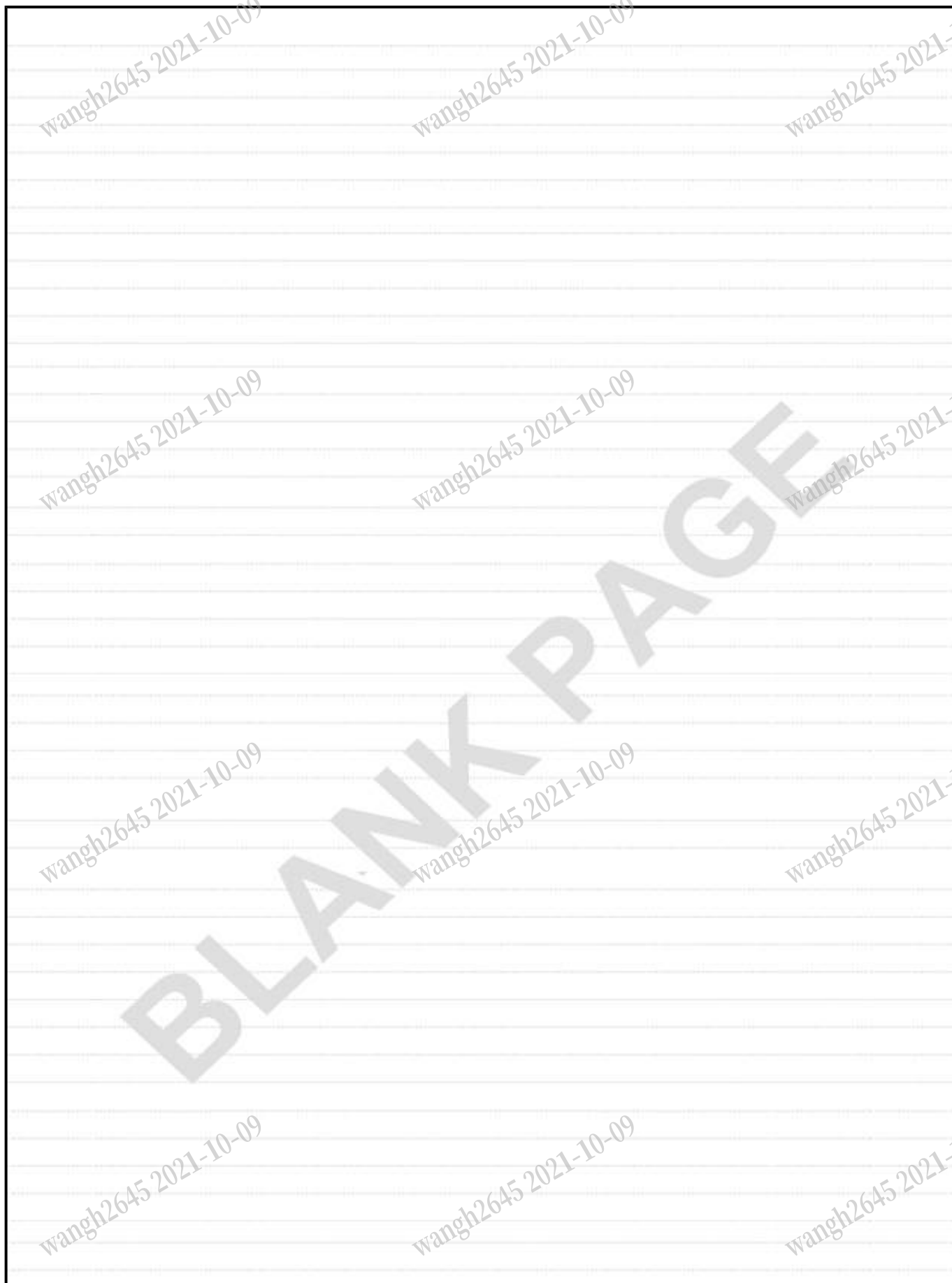
14253421 counterweight assebmly



6-122 upper carriage assembly

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60112963	Bolt	4	
2	60013102	Washer	4	
3	A820101326339	Spacer	4	
4	14080418	Spacer	4	
5	SSY005144300	counterweight main body	1	

14253421 counterweight assebmly

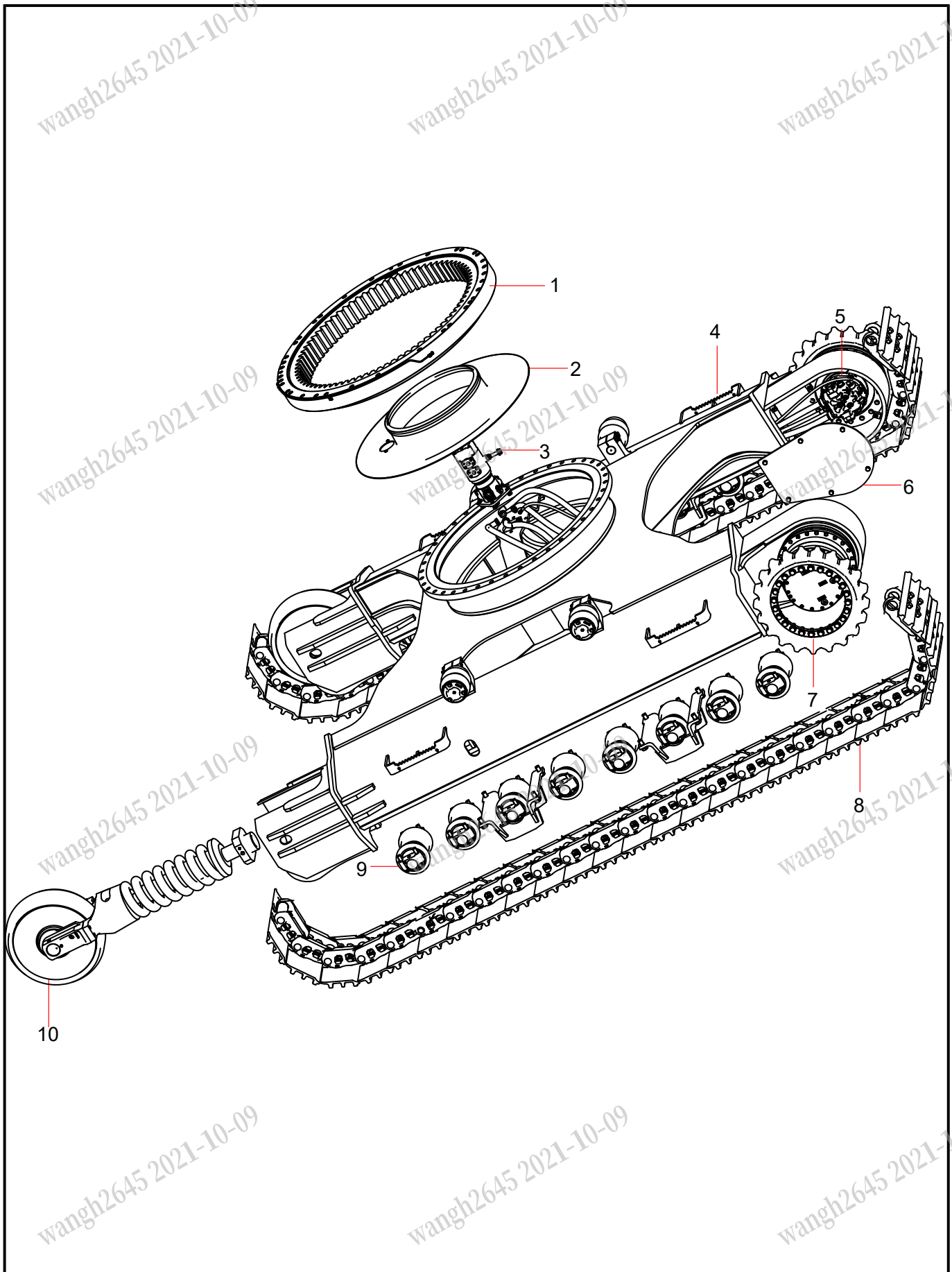


6-124 upper carriage assembly

Group 7

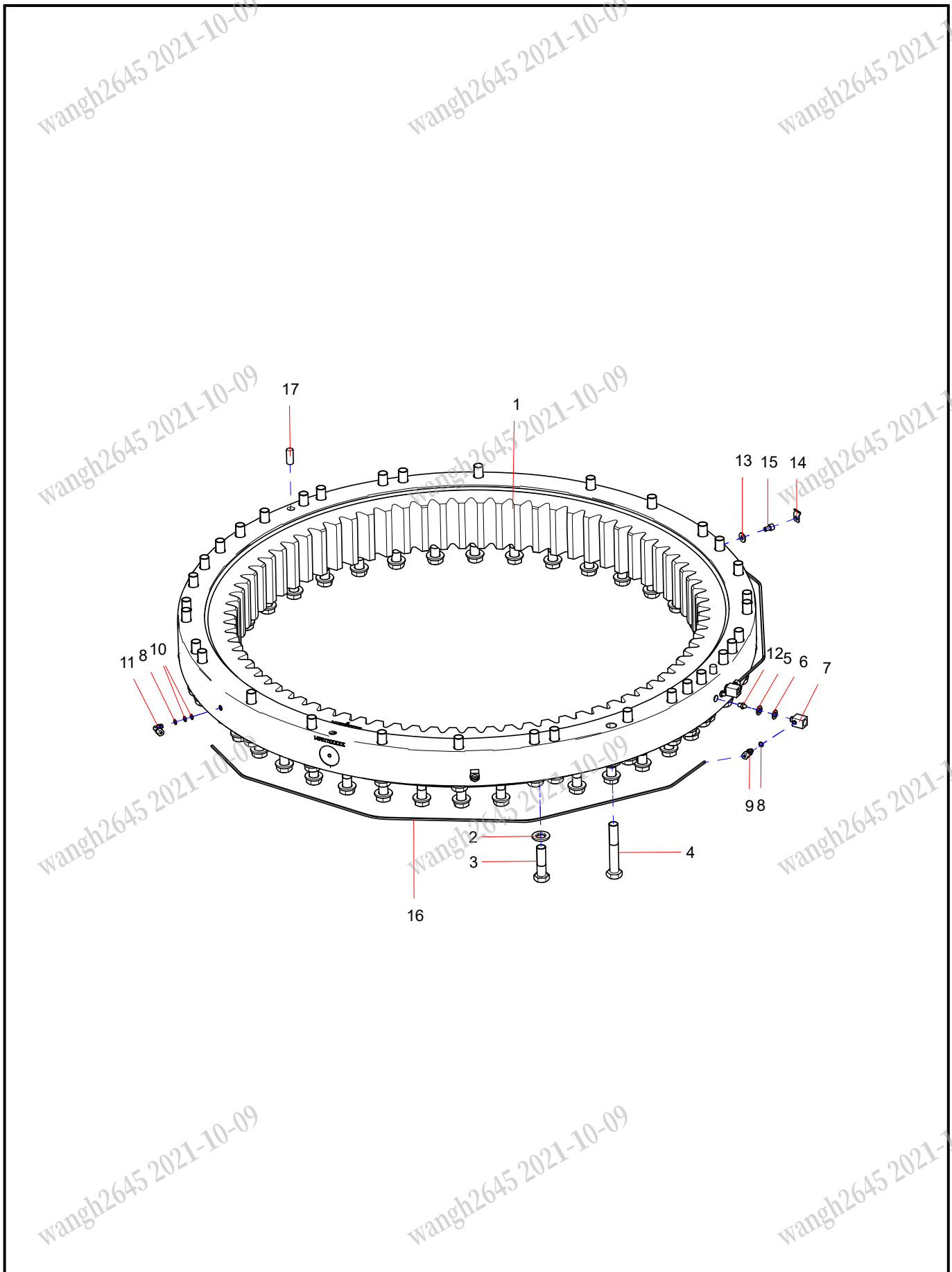
travel device

14159796 travel device



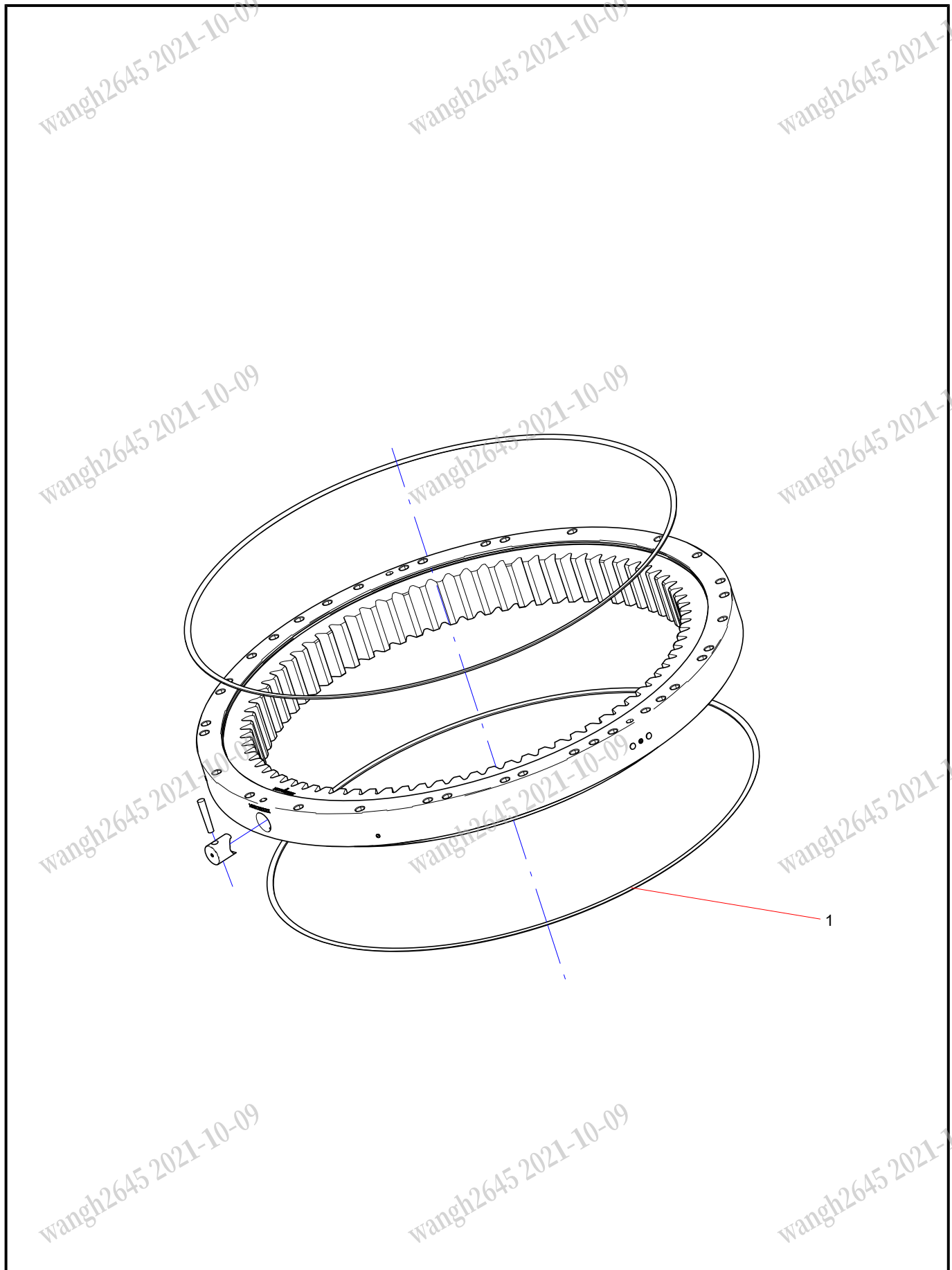
7-2 travel device

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13253628	Rotary bearing assy	1	7-4
2	A810401990192	seal module	1	7-8
3	14215285	Central ratary joint tube	1	7-10
4	14221189	Track frame and Protective sleeve	1	7-14
5	14219942	Walking device tube	1	7-16
6	14159801	Protective Plate	1	7-24
7	14159800	Driving wheel	1	7-26
8	14017793	crawler assembly	2	7-28
9	14159797	track roller-Protective Plate	1	7-30
10	14159798	Tightening device-riding wheel	1	7-32



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13484728	Slewing ring	1	7-6
2	A210491000122	Washer	75	
3	60199488	Bolt	40	
4	60238692	Bolt	35	
5	10668938	Combined Seal Pad	2	
6	A820102010428	Seal Gasket	2	
7	A820205000954	Square Connector	2	
8	A820102010474	Washer	4	
9	A210711000010	Connector	2	
10	10668937	Washer	4	
11	A210770000195	Connector	2	
12	B229900000686	Grease Joint	3	
13	A210491000120	Washer	2	
14	A820101118370	Clamp	2	
15	A210204000334	Screw	2	
16	A820207010441	Pipe	2	
17	A820301012418	Pin	2	

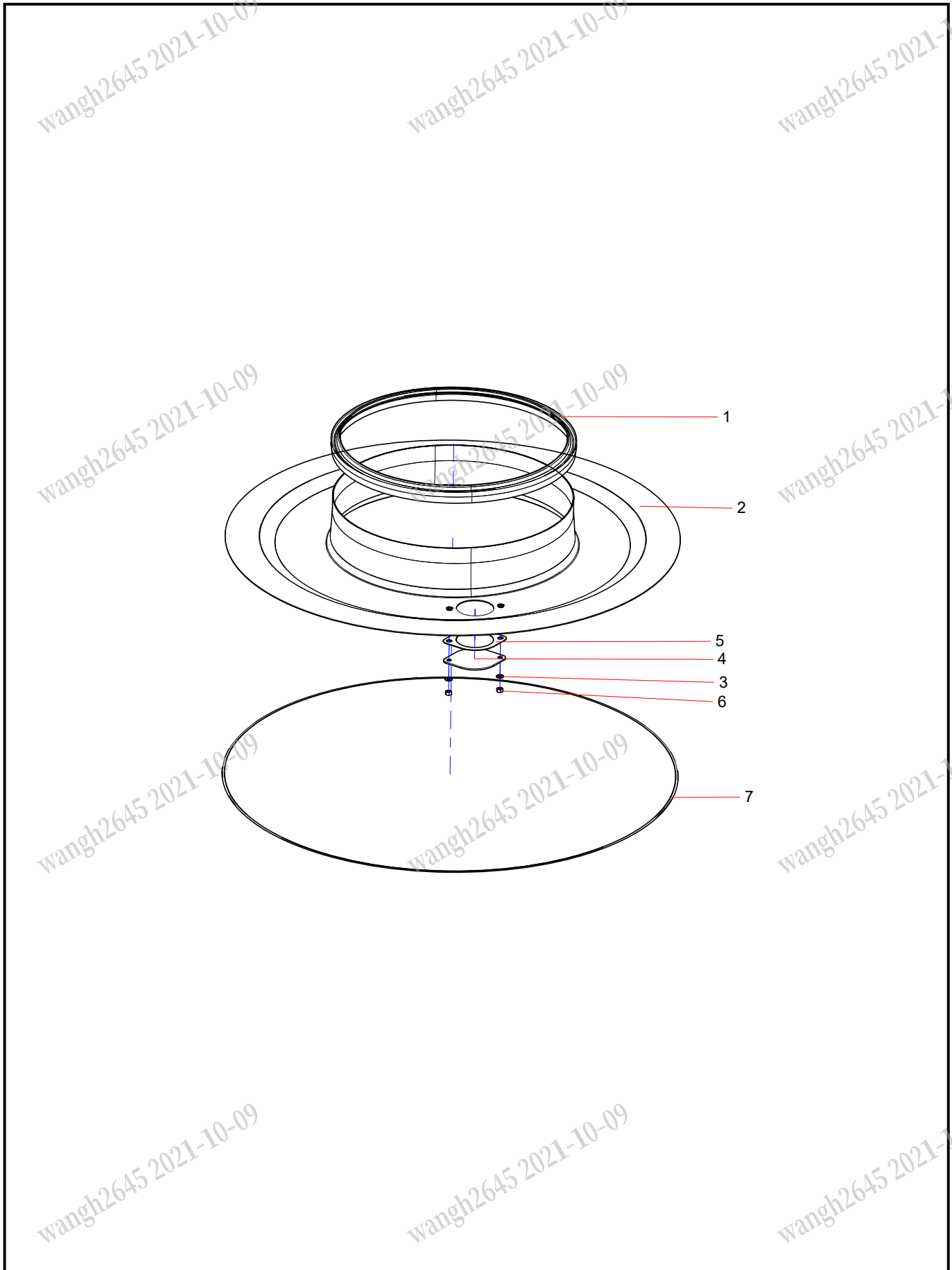
13484728 Slewing ring



7-6 travel device

INDEX	PART NO.	DESCRIPTION	QTY	SEE PAGE
1	60199495	Sealing Strip	2	

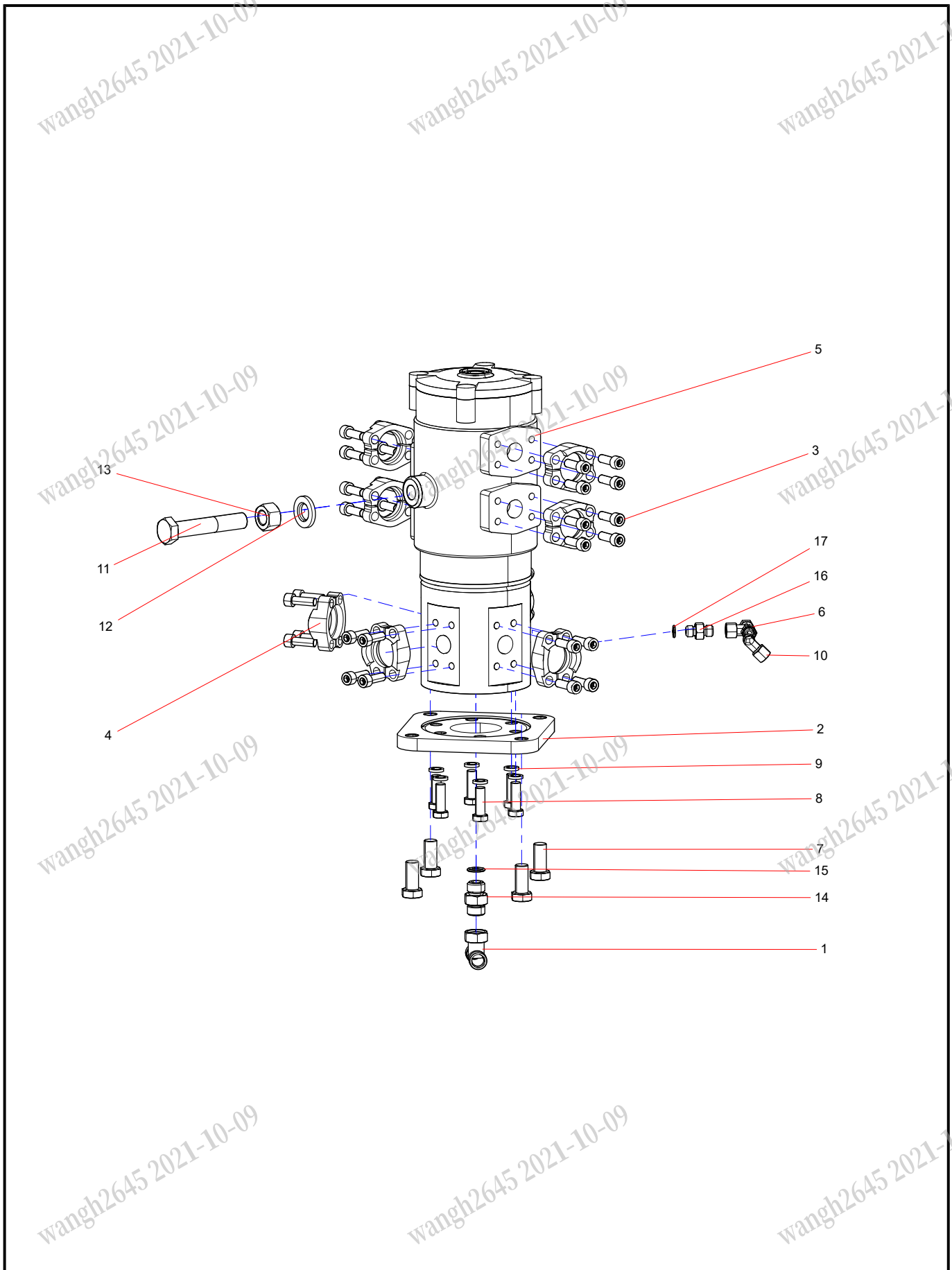
A810401990192 seal module



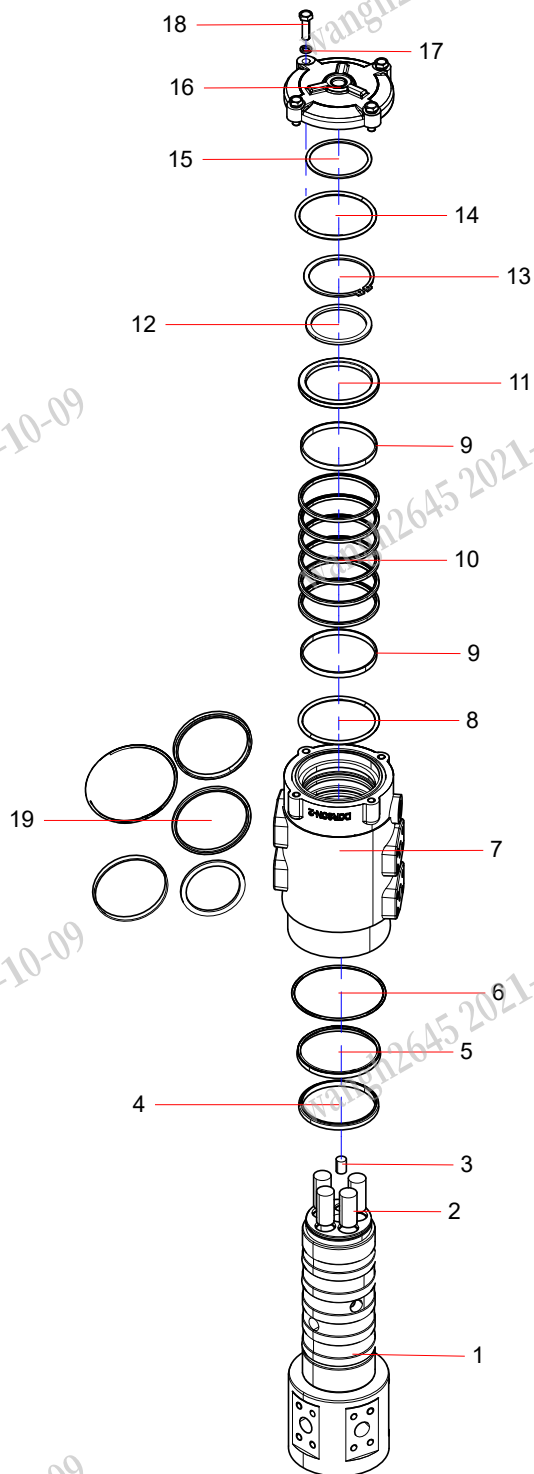
7-8 travel device

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A820606020168	Ring, Sealing	1	
2	A810401990193	Guard Ring	1	
3	24000637	Washer	2	
4	A820101210192	Sealing Plate	1	
5	A820606020170	Rubber Mat	1	
6	A210307000036	Nut	2	
7	10597737	Lower Sealing Ring	1	

14215285 Central rotary joint tube

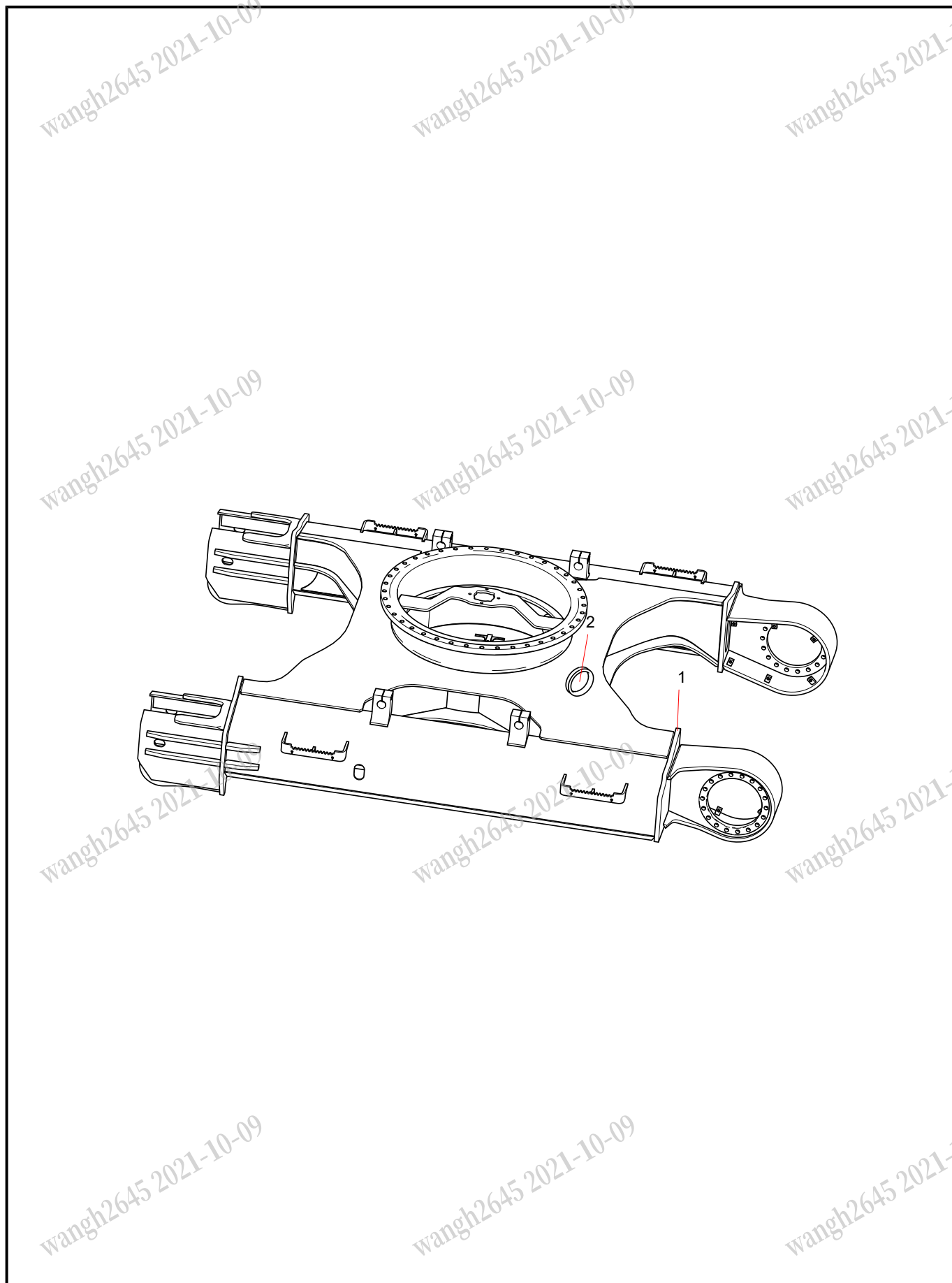


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	B210780000413	Tee Joint	1	
2	A820101212141	Transitional Plate	1	
3	A210204000354	Screw	32	
4	B210780000244	Split Flange	16	
5	60243991	Central Rotary Joint	1	7-12
6	B210780000172	Fitting	1	
7	A210111000212	Bolt	4	
8	A210111000203	Bolt	6	
9	24000513	Washer	6	
10	B210780000418	Fitting, Elbow	1	
11	A210110000233	Bolt	1	
12	A210491000132	Washer	1	
13	A210307000029	Nut	1	
14	A820205000843	Fitting	1	
15	B230101000090	O-ring	1	
16	A820205000844	Fitting	1	
17	B230101000047	O-ring	1	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	61003112	Rotary Shaft Shaft	1	
2	61003113	Cone Plug	4	
3	61003114	Cone Plug	1	
4	61003115	Dust Ring	1	
5	61003116	Dust Cover	1	
6	61003117	O-ring	1	
7	61003118	Revolving Body	1	
8	61003119	O-ring	1	
9	61003120	Anti-wear Ring	1	
10	61003121	Rotating Seal	6	
11	61003122	Gasket	1	
12	61003123	Baffle	1	
13	61003124	Circlip for Shaft	1	
14	61003125	O-ring	1	
15	61003126	Gasket	1	
16	61003127	End Cap	1	
17	61003128	Lock Washer	4	
18	61003129	Hexagon Head Bolt	4	
19	60266514	Swivel Joint Repair Kit	1	

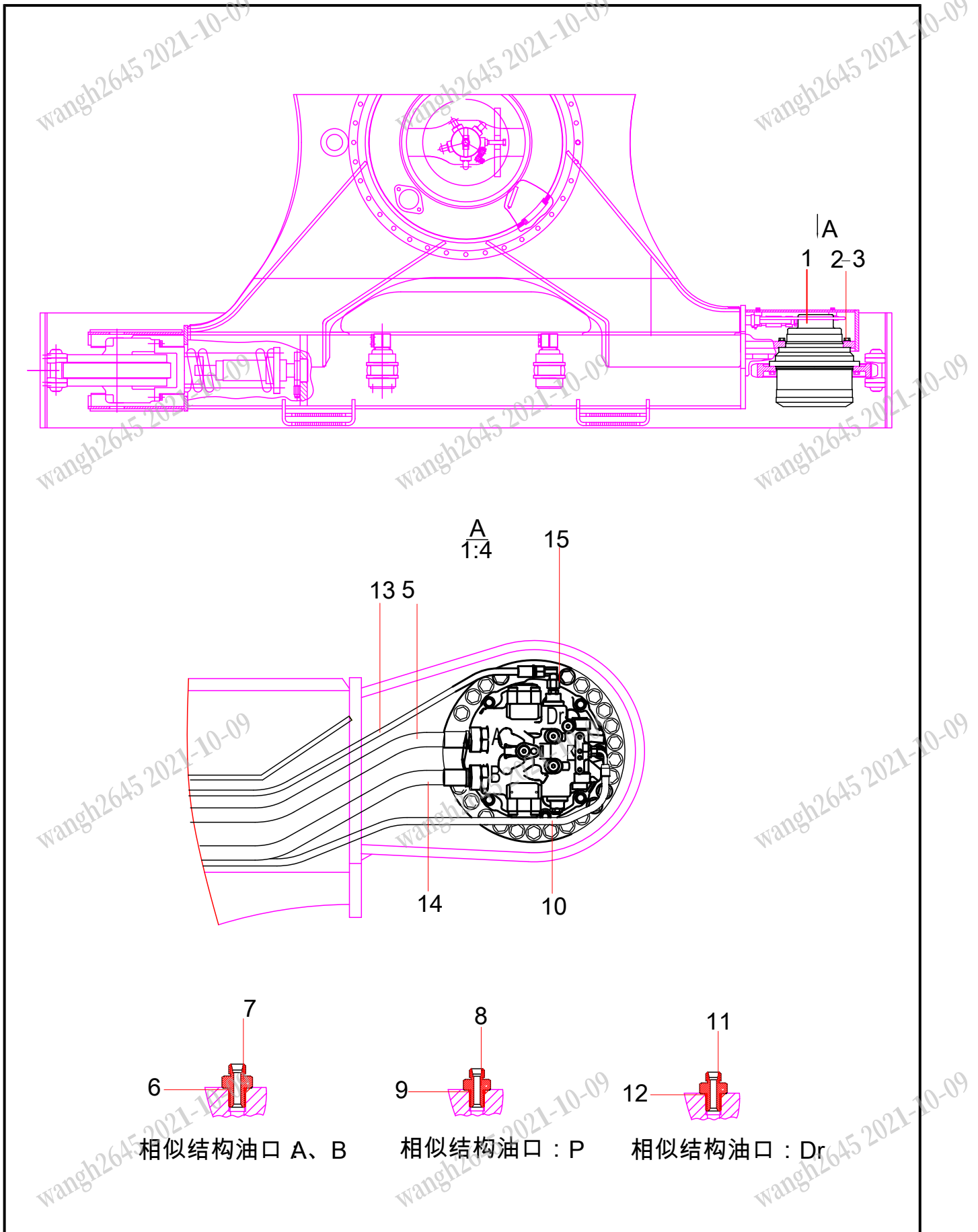
14221189 Track frame and Protective sleeve



7-14 travel device

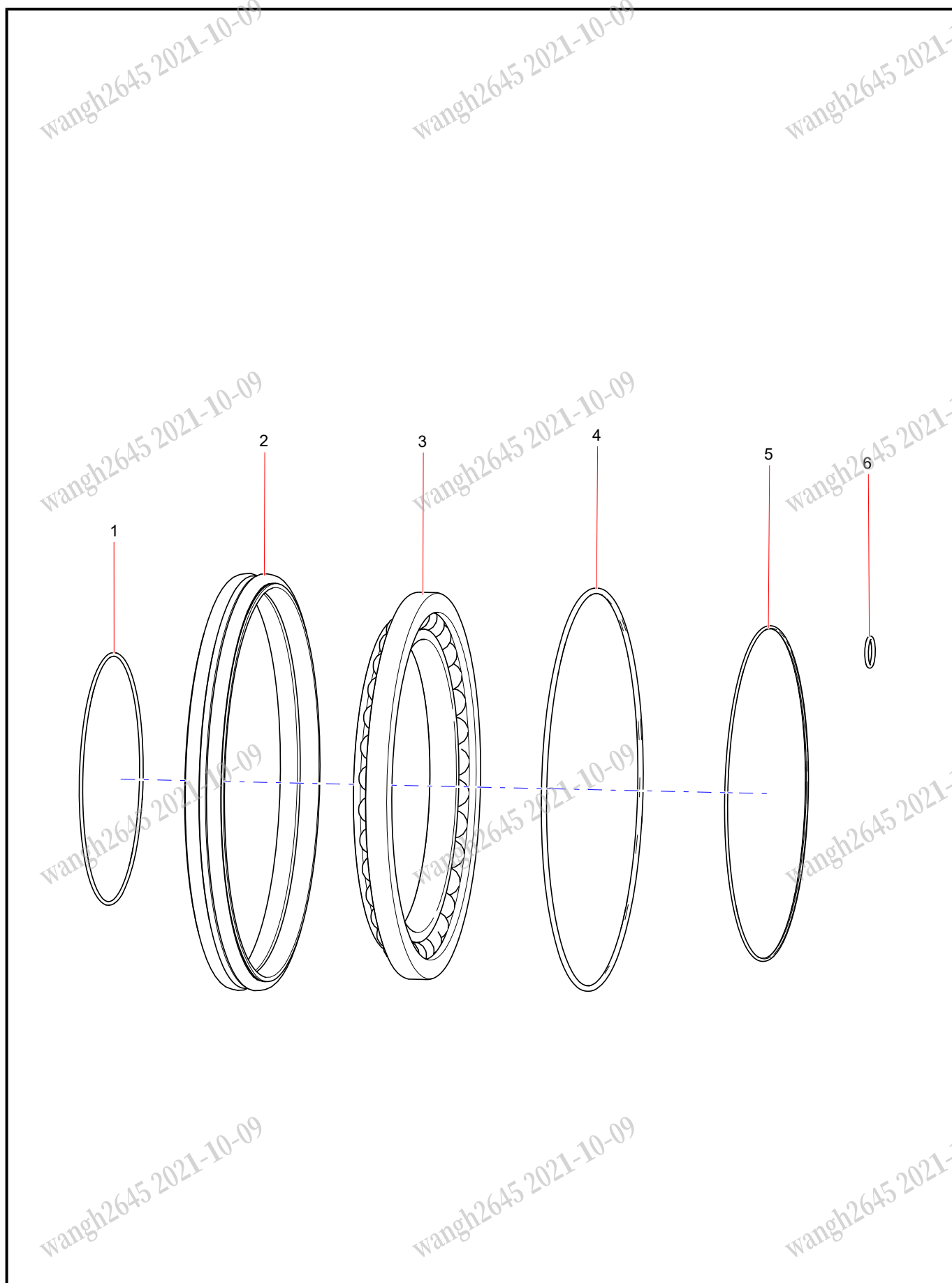
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	SSY004822053	track frame	1	
2	A820606030424	Protective Sleeve	2	

14219942 Walking device tube

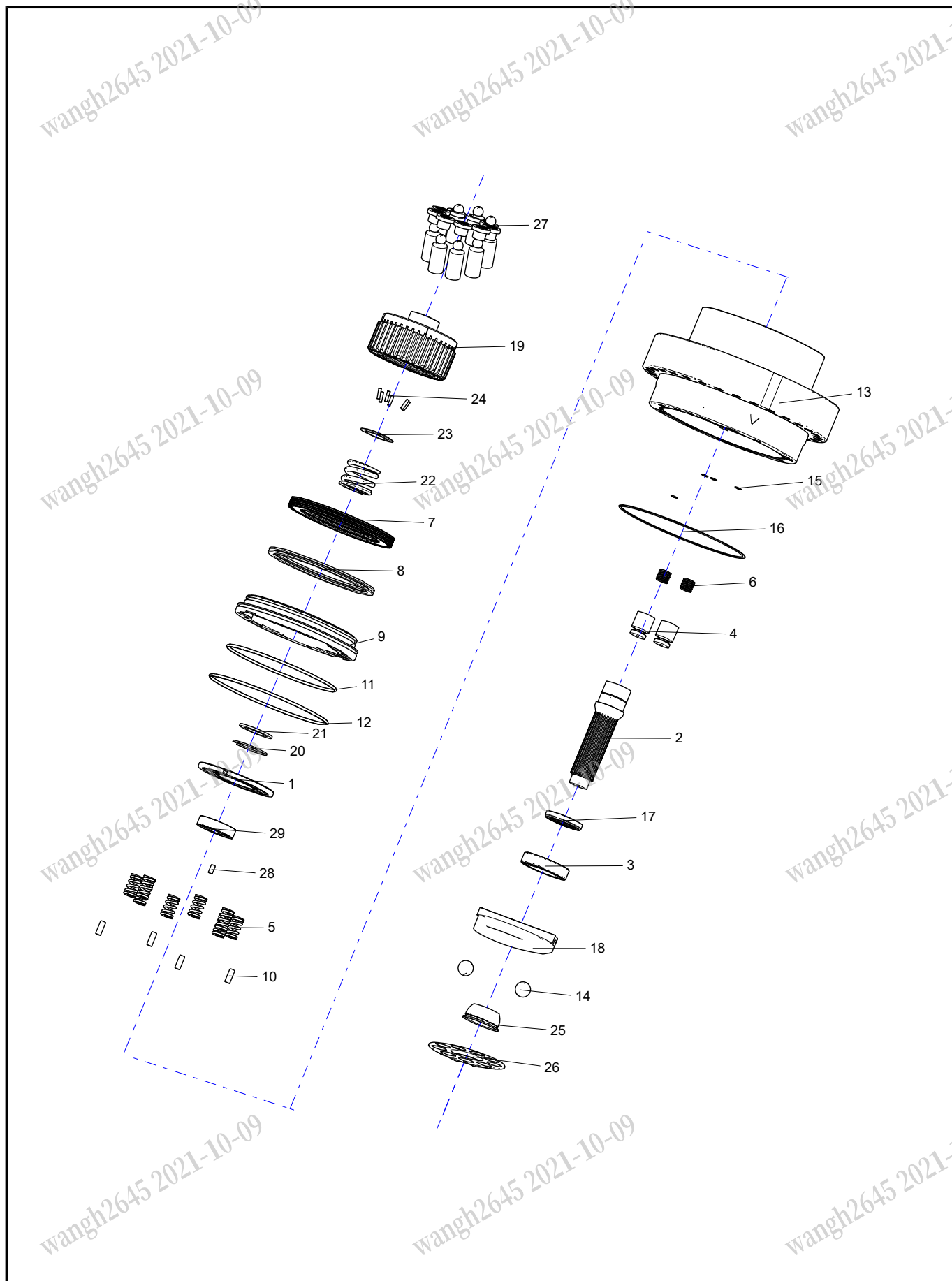


7-16 travel device

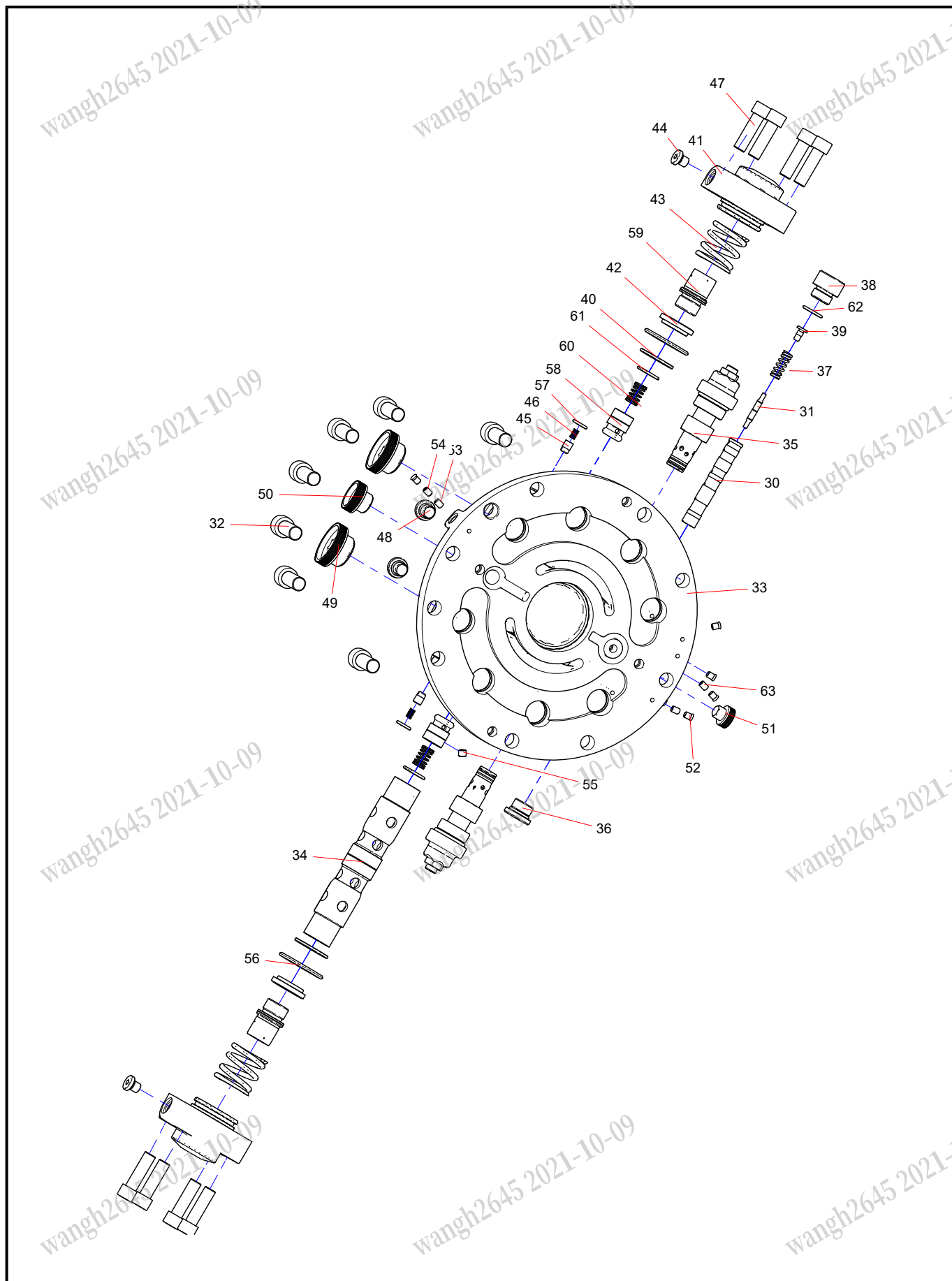
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	12940338	Winch Reducer	2	7-18
2	60022788	Bolt	36	
3	A210491000122	Washer	36	
5	151008210073A	Rubber Hose	2	
6	A820205001334	End Straight Connector	4	
7	B230101000050	O-ring	4	
8	A820205000844	Fitting	2	
9	B230101000047	O-ring	2	
10	B230103002705	hose	2	
11	A820205000843	Fitting	2	
12	B230101000090	O-ring	2	
13	151008210072A	Rubber Hose	2	
14	B230103000288	Hose	2	
15	60223357	Plunger Motor	2	7-20



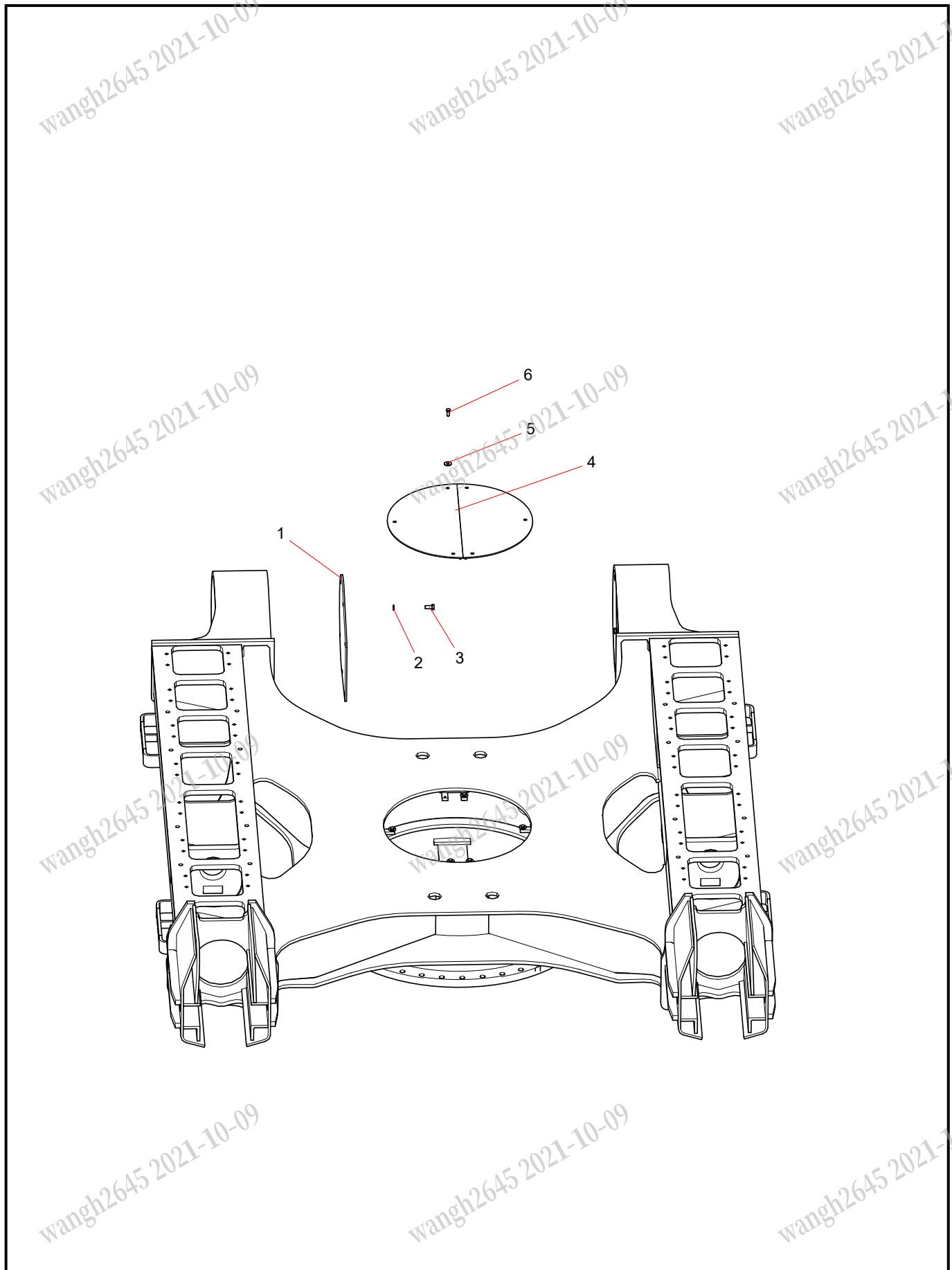
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60052139	O-ring	1	
2	60123853	Floating Seal	1	
3	60194591	Rolling Bearing	2	
4	A210608000322	O-ring	1	
5	60233672	O-ring	1	
6	B230101000356	O-ring	3	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60311007	Oil Pan	1	
2	60008647	Shaft	1	
3	60008641	Ball Bearing	1	
4	SLM004916308	Piston Component	2	
5	60008465	Spring	8	
6	60008467	Spring	2	
7	B229900003189	20T Travel Brake Disc, Driven	3	
8	B229900003190	20T Travel Brake Active Pad	2	
9	60311006	Brake Piston	1	
10	60008464	Pin	4	
11	60008476	Seal Ring	1	
12	60008475	Seal Ring	1	
13	60311527	Flange Kit	1	
14	60008474	Steel Ball	2	
15	60202326	O-ring	4	
16	60311525	O-ring	1	
17	60311005	Sealing Ring	1	
18	60311018	Plate Swash	1	
19	SLM004931034	Cylinder	1	
20	60008473	Pressure Ring	1	
21	60008469	Sleeve	1	
22	60008466	Spring	1	
23	60008468	Spring Support	1	
24	60008463	Pin	6	
25	SLM004913925	Ball Guide	1	
26	13564604	Retainer	1	
27	13571845	Piston Component	9	
28	60311003	Pin	1	
29	60008642	Ball Bearing	1	

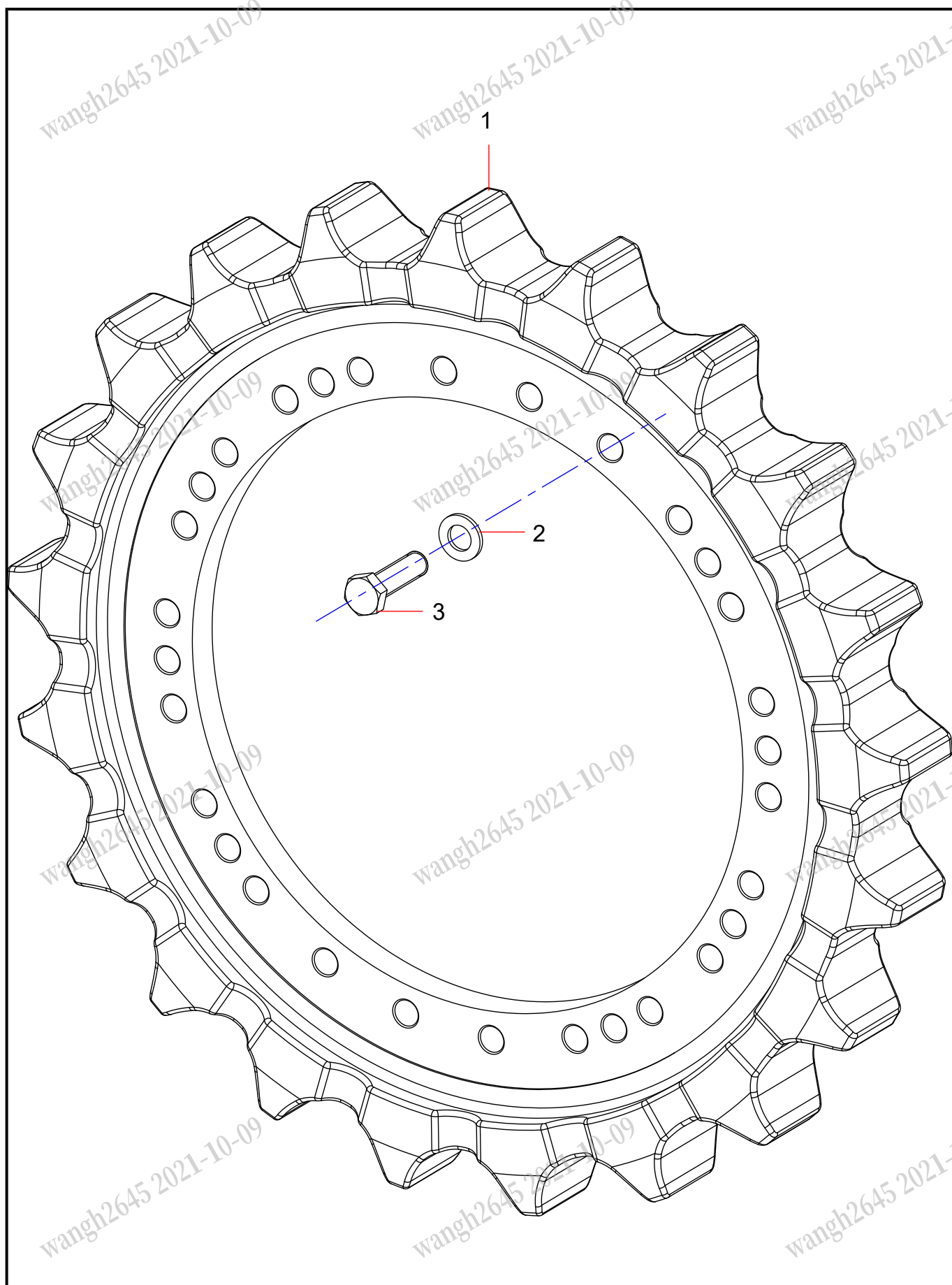


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
30	11579846	Spool	1	
31	11579847	Spool	1	
32	60249824	Screw	10	
33	60311010	Plate Kit Base	1	
34	11579844	Spool	1	
35	60311016	Valve Relief Assy	2	
36	60008472	Plug	1	
37	60008628	Spring	1	
38	60008461	Plug	1	
39	60008648	Spring Back Ring	1	
40	11579834	Washer	2	
41	60311015	Cover	2	
42	60008486	Seat Spring	2	
43	60311014	Spring	2	
44	60084227	Screw Plug	2	
45	11579837	Spool	2	
46	11579836	Spring	2	
47	60081458	Screw	8	
48	60084226	Screw Plug	2	
49	12317275	Plug	2	
50	12317276	Plug	1	
51	12317277	Plug	1	
52	60311004	Mounting Bolt	10	
53	11549063	Throttle Block	1	
54	11579855	Throttle Block	1	
55	12349498	Plug	2	
56	60081490	O-ring	2	
57	A210608000027	O-ring	2	
58	11579831	Spool	2	
59	11579832	Plug	2	
60	11579833	Spring	2	
61	60081489	O-ring	2	
62	60081488	O-ring	2	
63	60116872	Throttle Block	2	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	10505384	motor cover	2	
2	24000514	Washer	12	
3	A210111000212	Bolt	12	
4	10131971	Bottom Cover	2	
5	60060548	Washer	6	
6	A210111000202	Bolt	6	

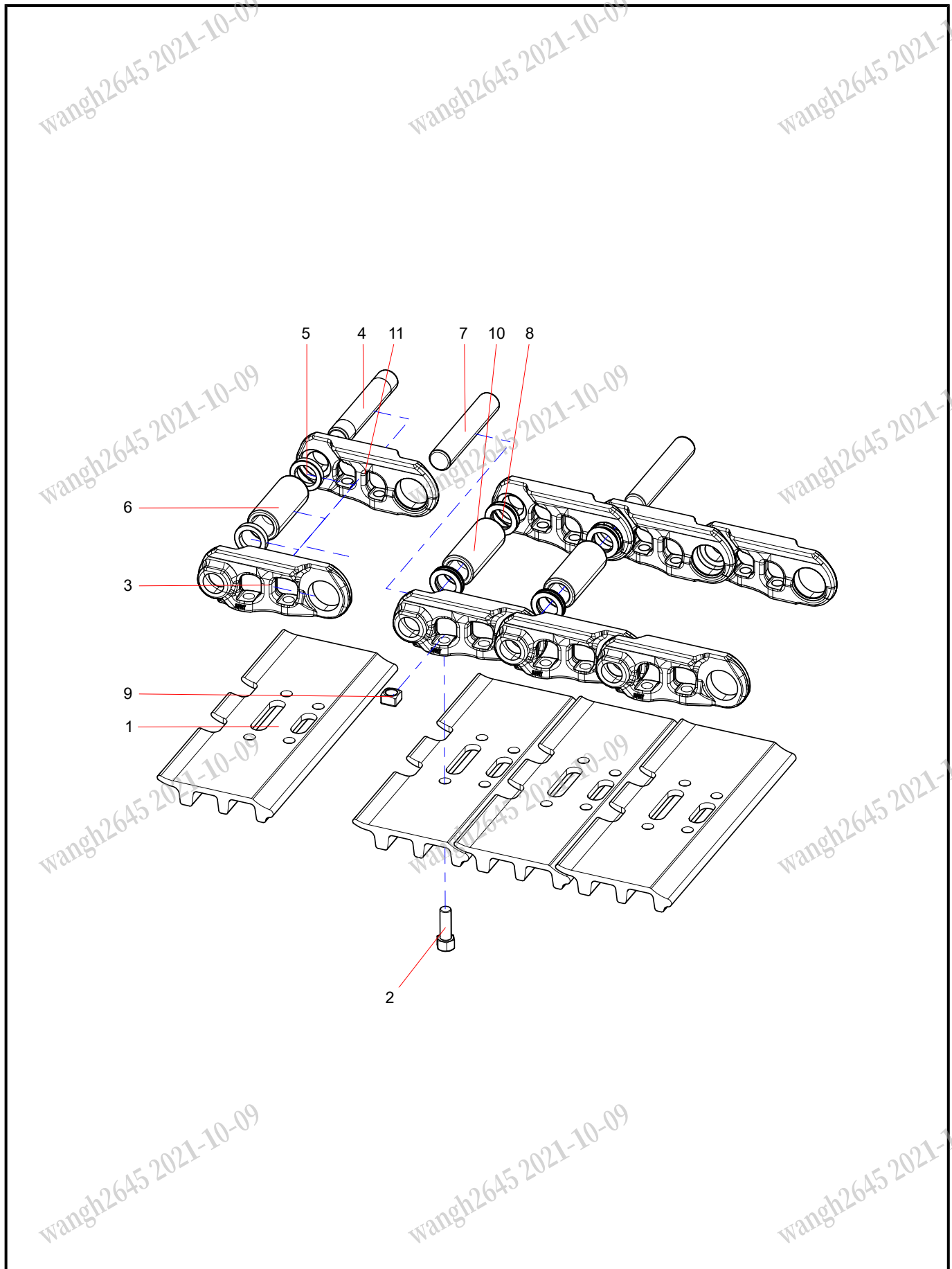
14159800 Driving wheel



7-26 travel device

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14160285	Driving wheel	2	
2	A210491000132	Washer	52	
3	60022786	Bolt	52	

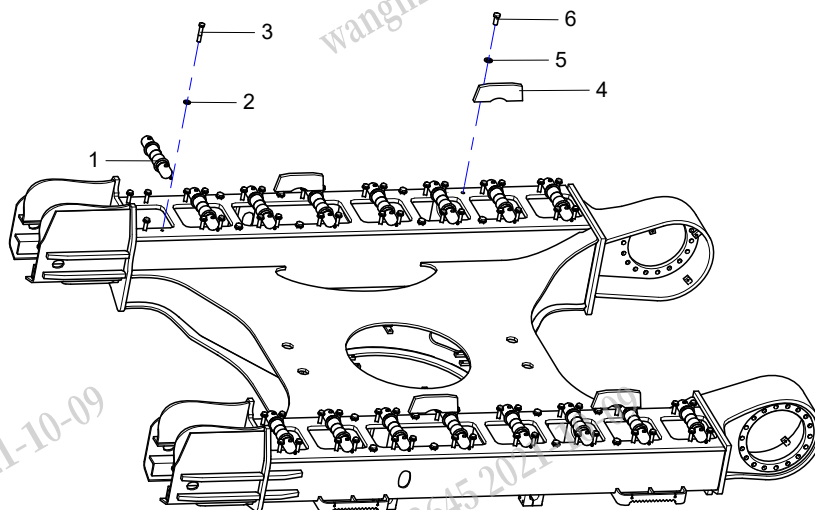
14017793 crawler assembly



7-28 travel device

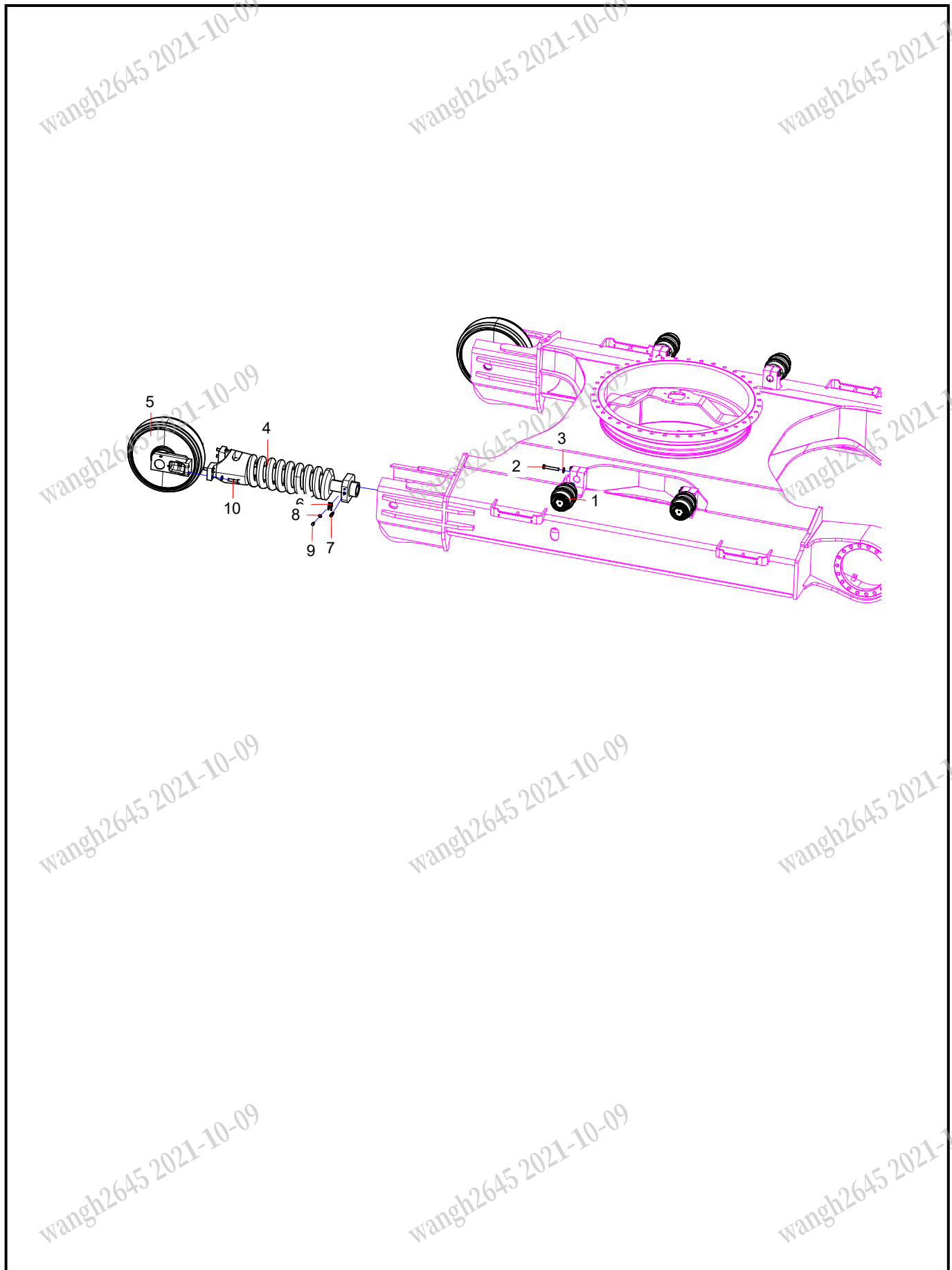
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	12407733	Track Shoe	47	
2	60088076	Track Bolt Ls216M22C	188	
3	14017794	chain track assy.	1	
4	11402653	Master Pin	1	
5	60339105	Main Spacer	2	
6	13156417	Master Bush	1	
7	12917166	Track Bush	46	
8	60173184	Seal Ring	92	
9	60110071	Track Nut Lm216M22B	188	
10	11402655	Pin	46	
11	14080462	Track Unit	47	

14159797 track roller-Protective Plate



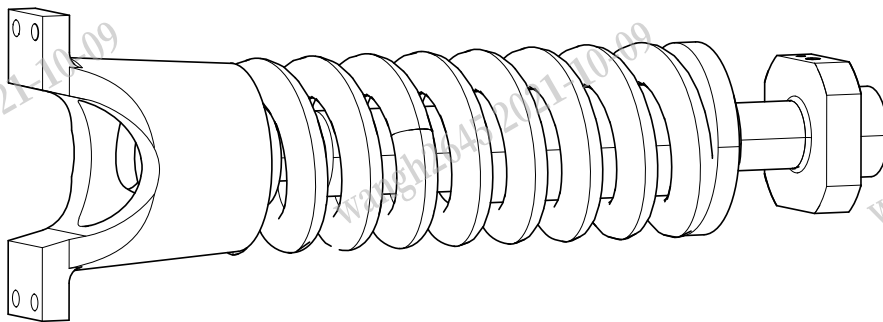
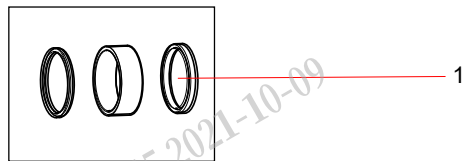
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210110000233	Bolt	64	
2	A210491000132	Washer	64	
3	11358479	Track Roller	16	
4	A210111000346	Bolt	16	
5	A210491000122	Washer	16	
6	12007195	Protective Plate	4	

14159798 Tightening device-riding wheel

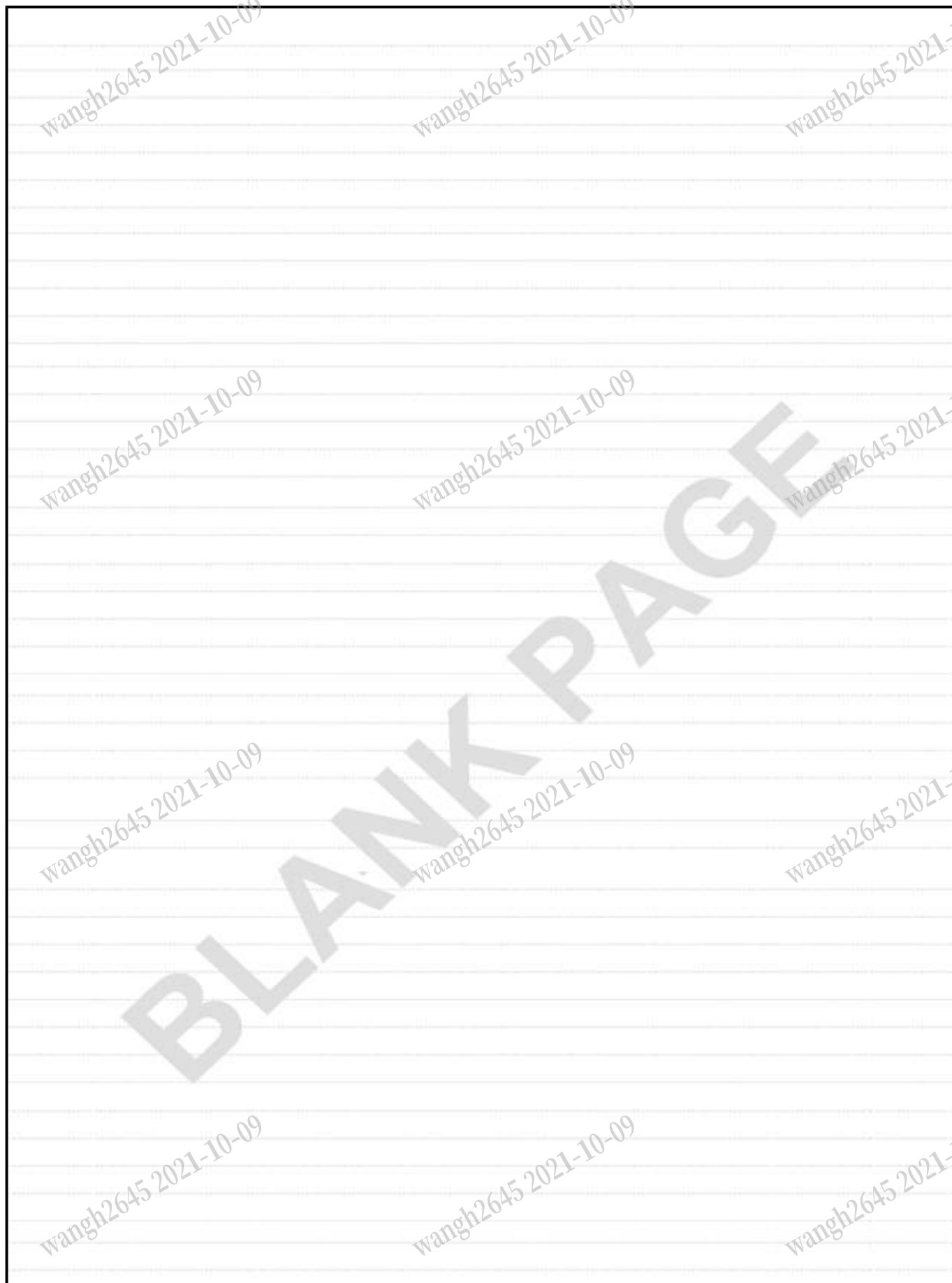


7-32 travel device

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	12123787	Carrier Sprocket Wheel Assy	4	
2	A210111000443	Bolt	8	
3	A210491000132	Washer	16	
4	60013106	Tensioning Equipment	2	7-34
5	60263596	Track Idler	2	
6	A820101010372	Support Plate	2	
7	B229900000862	Grease Valve	2	
8	A210491000121	Washer	2	
9	A210111000101	Bolt	2	
10	A210110000202	Bolt	8	

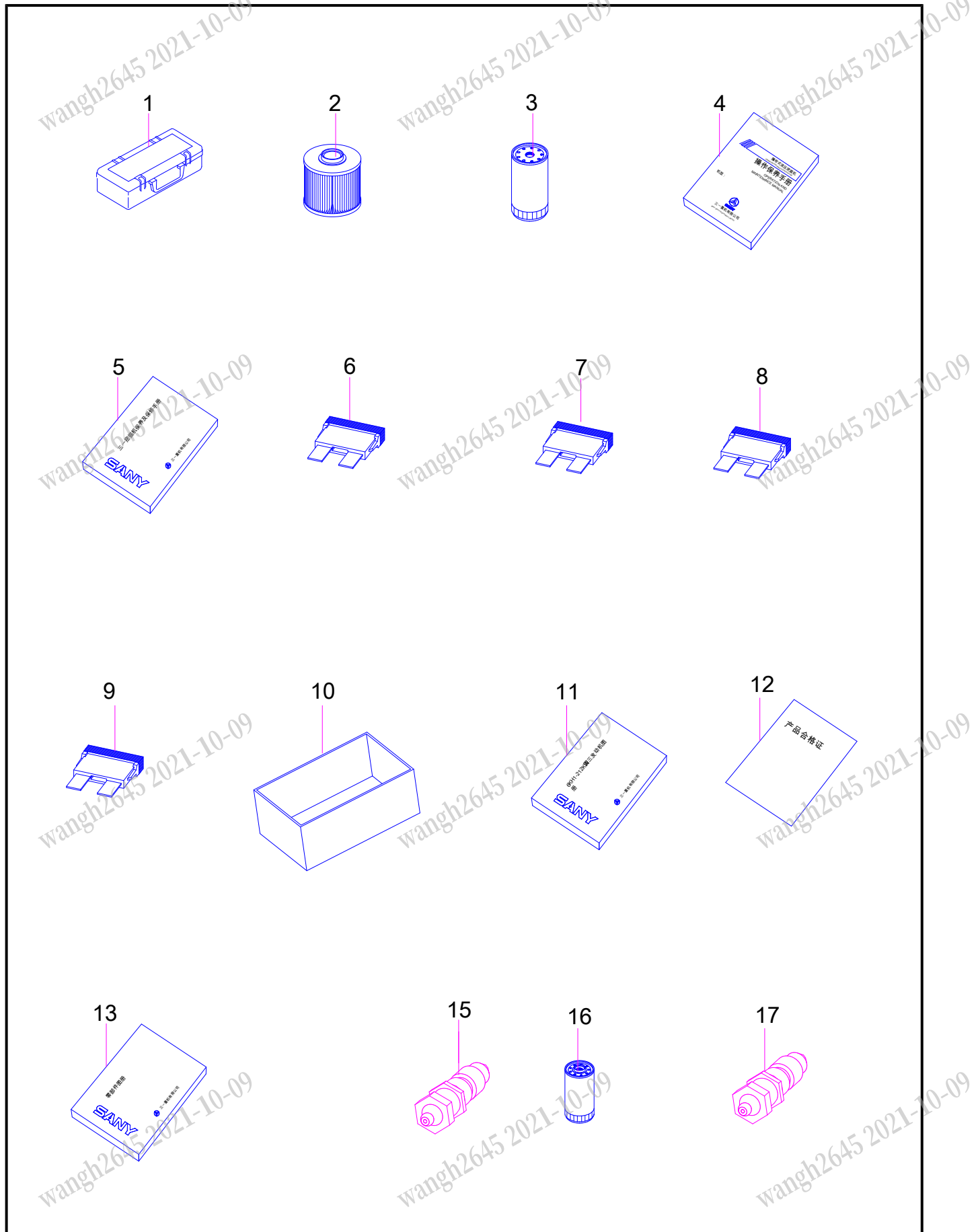


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60018972	Tensioning equipment repair kit	1	

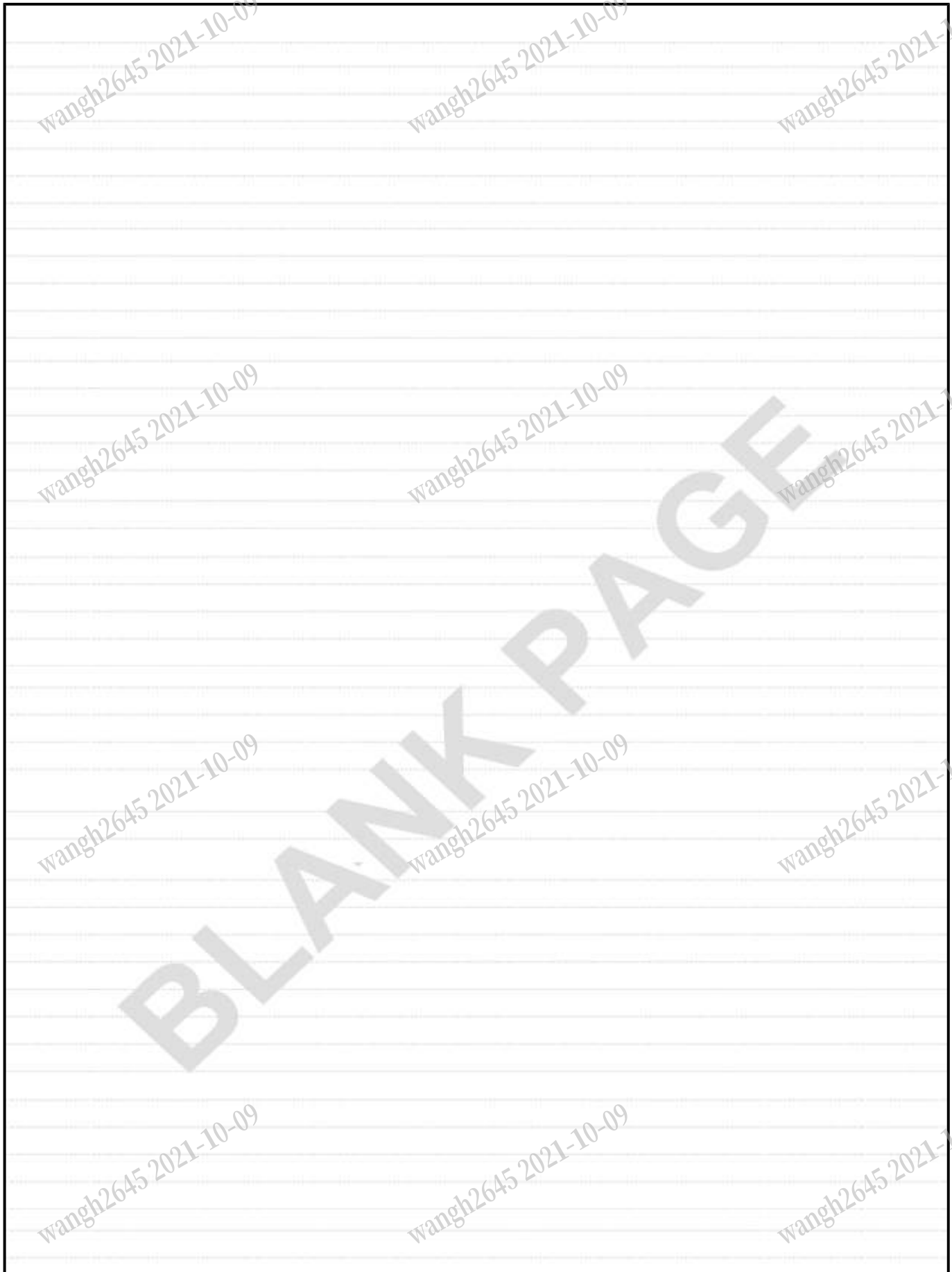


Group 8

Accessories

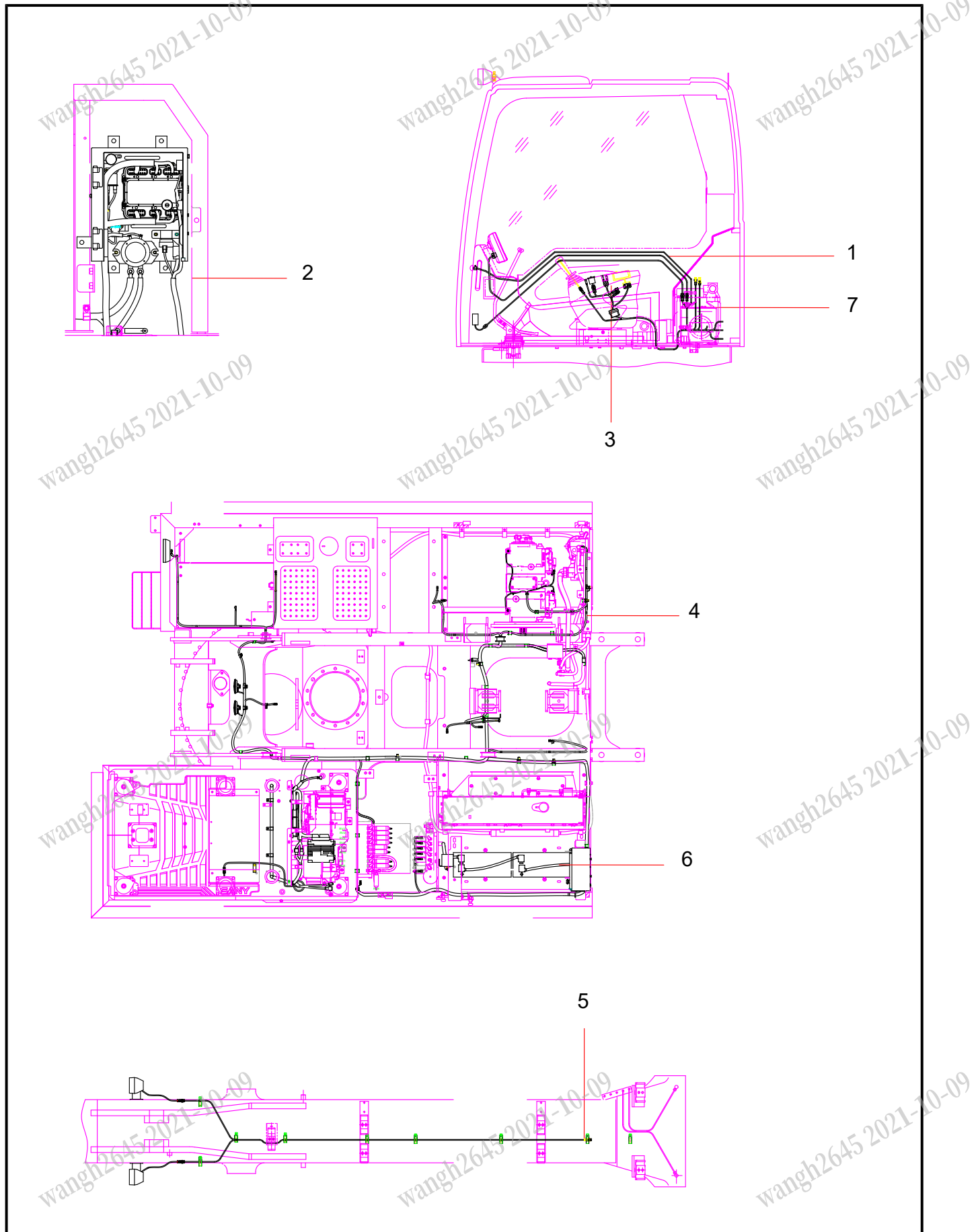


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	SSY005262910	Accompanying Tools	1	
2	60307173	Fuel Filter	1	
3	B222100000494	Oil Filter	1	
4	SSY004834898	SY330H Hydraulic Excavator Operation and Maintenance Manual	1	
5	11826337	Sany Excavator Maintenance and Guarantee(English)	1	
6	60056398	Fuse	10	
7	60056399	Fuse	5	
8	60046758	Fuse	5	
9	60056400	Fuse	5	
10	60041997	Accessories Box	1	
11	14200608	Engine Atlas	1	
12	59000039	Manufacturer Certificate	1	
13	14157883	SY305C9I3KH spare parts drawing volume	1	
15	B229900000686	Grease Joint	5	
16	60282117	Fuel Filter Core	1	
17	B229900000379	Grease Joint	1	



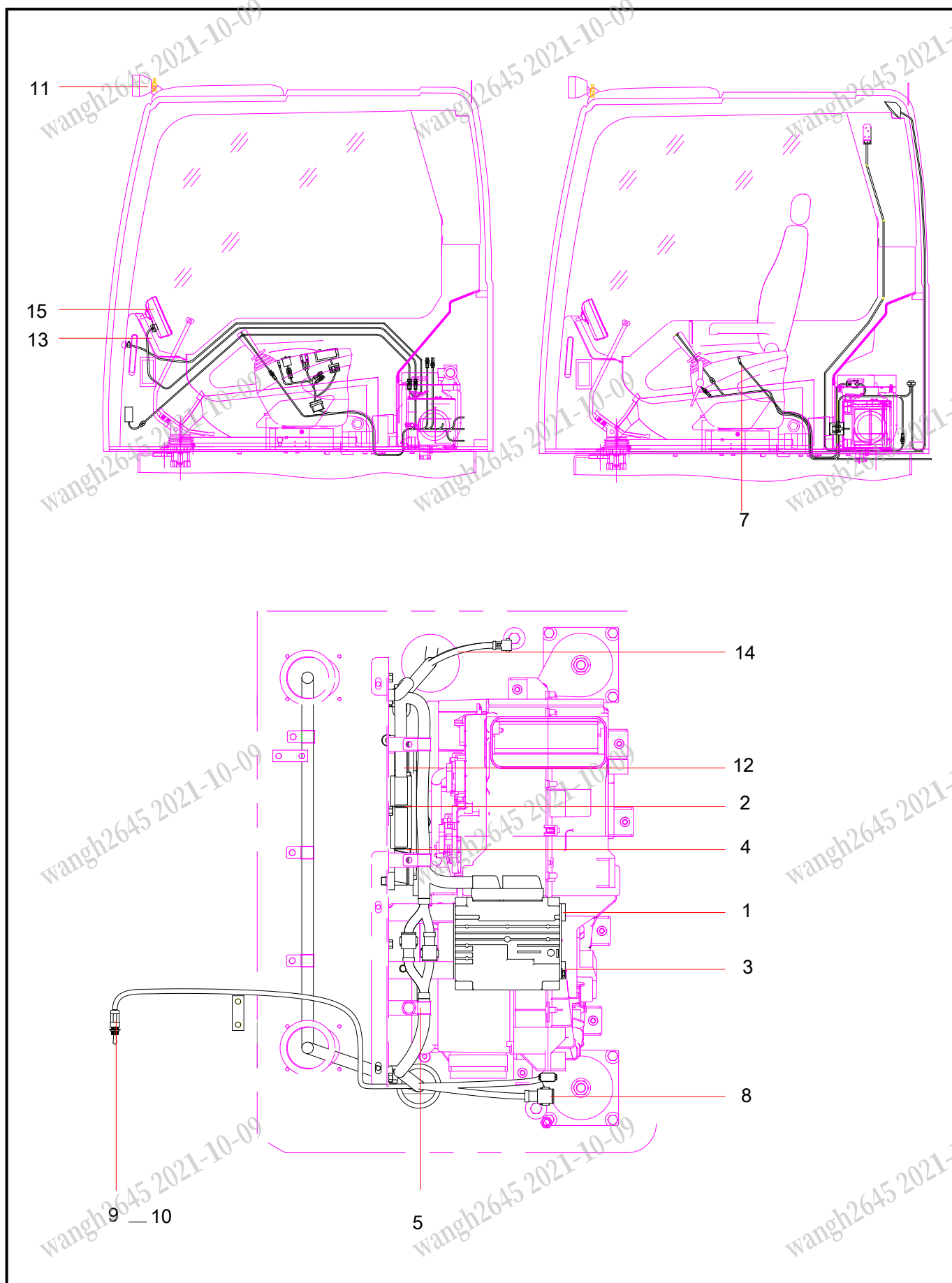
Group 9

Electrical System

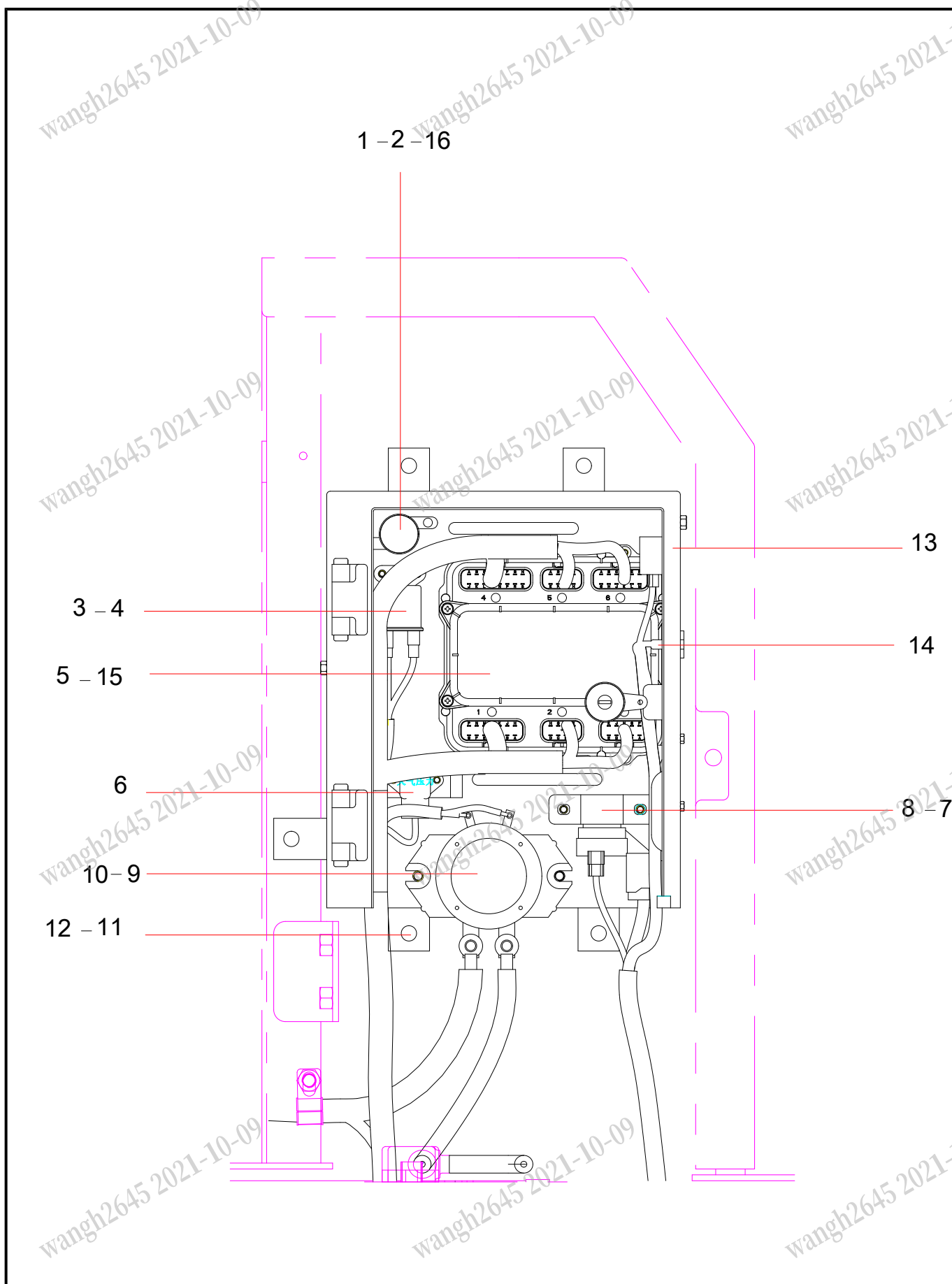


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	SSY004969245	Driver's Cab Harness Assemble	1	9-4
2	14221187	Electric Box Assemble	1	9-6
3	14221195	Control Switch Harness Assemble	1	9-8
4	14221197	Vehicle Body Harness Assemble	1	9-10
5	14221203	Work Lamp harness Assemble	1	9-12
6	14221205	Battery Assemble	1	9-14
7	10473304	Electrical Systems of Air Conditioning	1	9-16

SSY004969245 Driver's Cab Harness Assemble

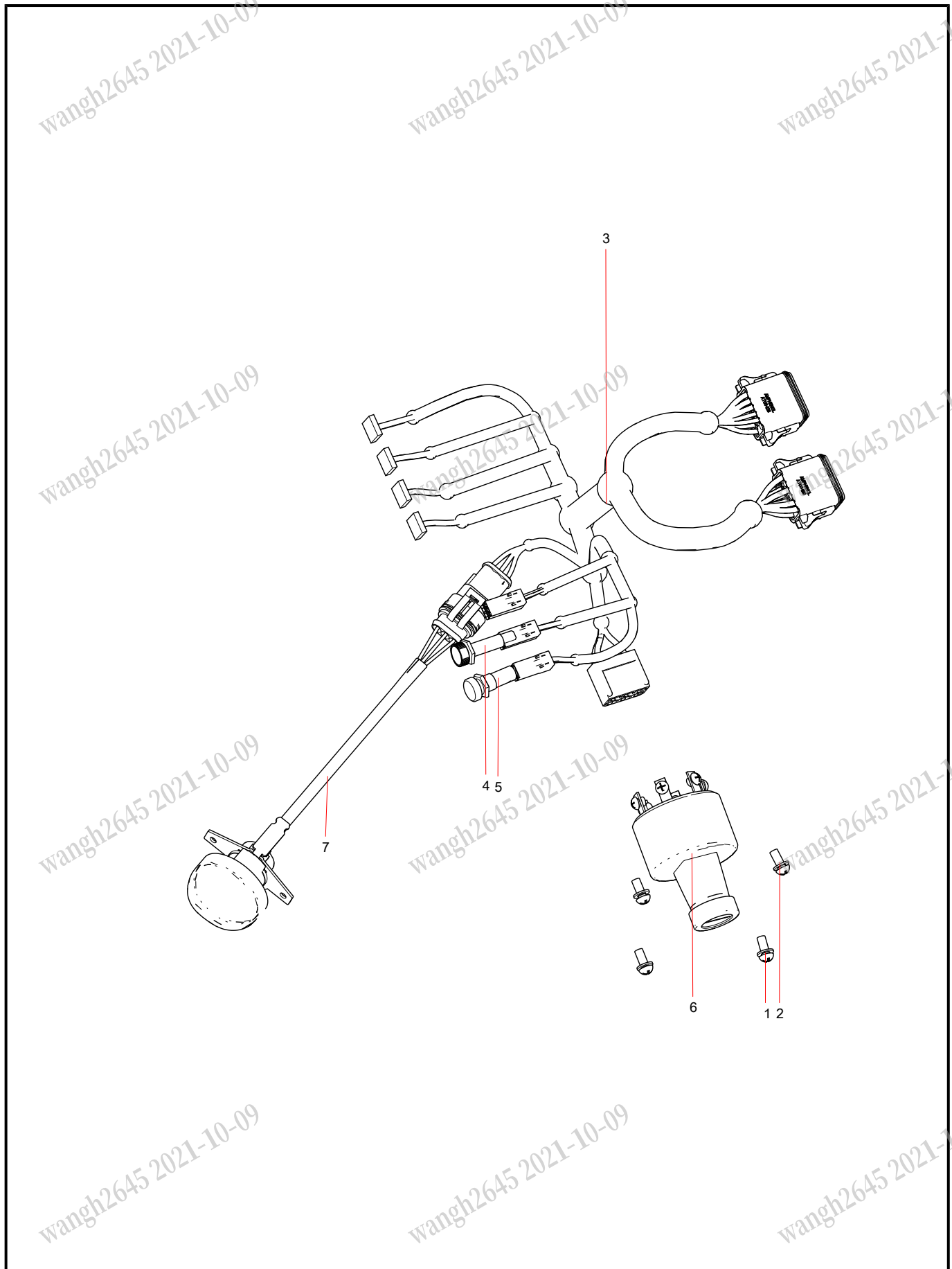


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60238783	Washer	6	
2	24000633	Washer	6	
3	A210111000078	Bolt	4	
4	A210204000341	Screw	4	
5	60260292	Strap, Nylon	6	
7	A229900003764	24V Cigaretter Lighter	1	
8	60041901	Fixing Clip	3	
9	60041443	Switch Guard	1	
10	12025701	Emergency Stop Switch	1	
11	60228957	Ceiling Lamp	2	
12	140601010110B	programable controller	1	
13	142505000023A	KeyPad	1	
14	SSY005360143	Driver's Cab Harness	1	
15	140704000235A	display control screen	1	

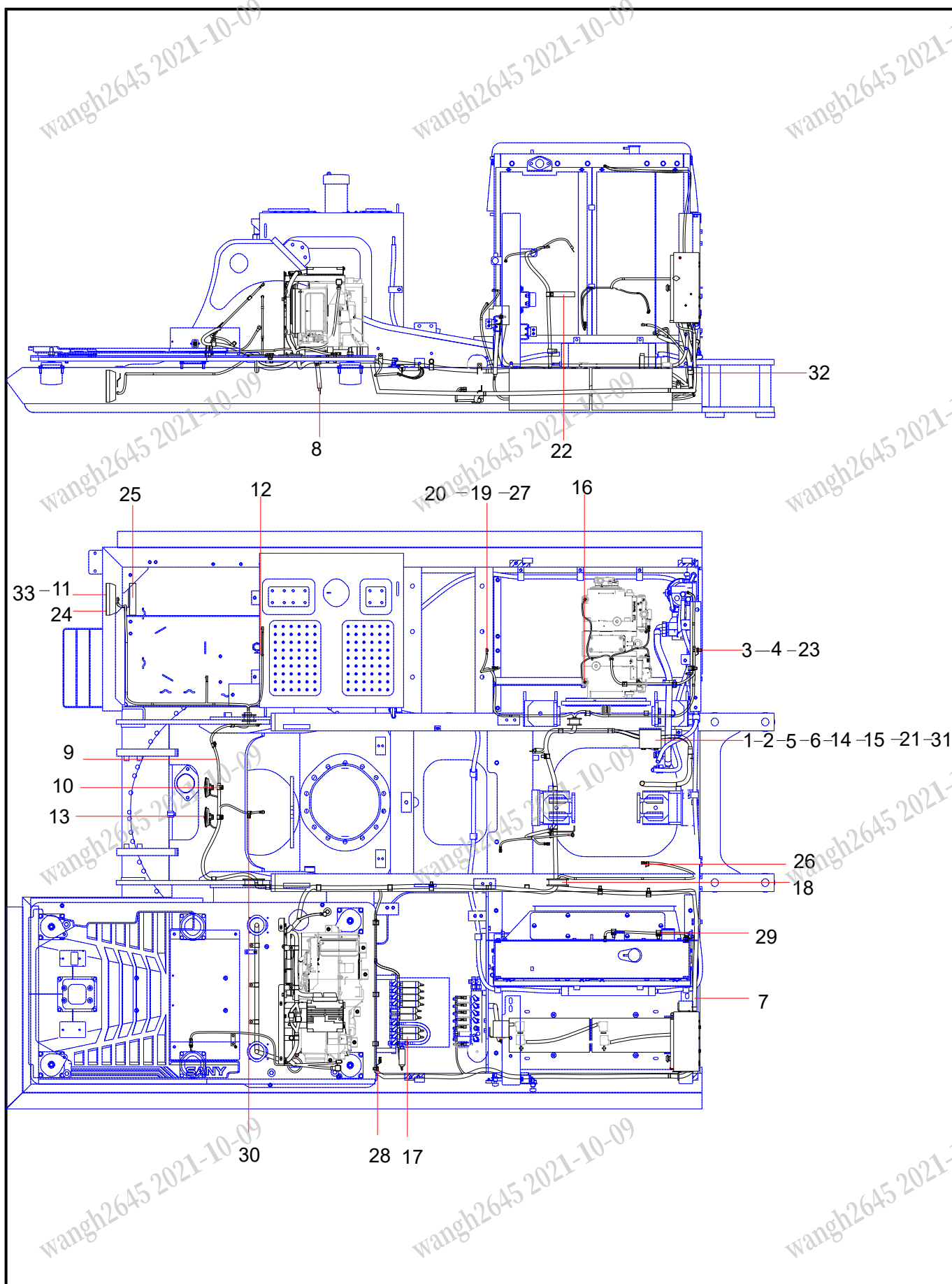


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60060562	Washer	2	
2	A210210000030	Screw	2	
3	24000630	Washer	10	
4	A210210000003	Screw	4	
5	A210204000118	Screw	4	
6	A210210000002	Screw	2	
7	60238783	Washer	2	
8	A210111000078	Bolt	2	
9	24000633	Washer	2	
10	A210111000323	Bolt	2	
11	A210111000101	Bolt	4	
12	24000639	Washer	4	
13	14116913	Control Box Assy	1	
14	B241000000022	Receptacle Power	1	
15	140107000036A	Power supply module	1	
16	A241300000059	Fuse Housing	1	

14221195 Control Switch Harness Assemble

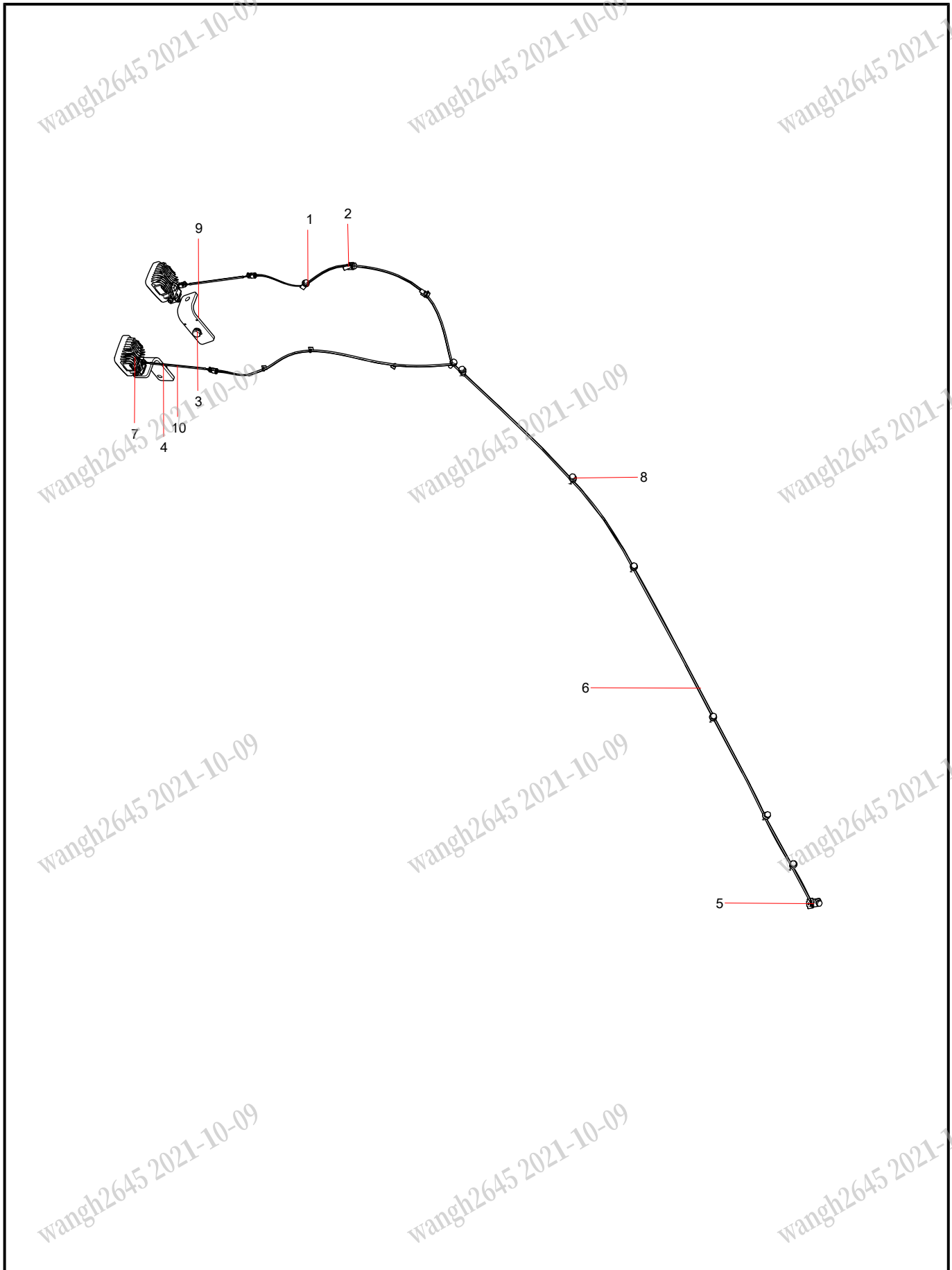


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	24000630	Washer	4	
2	A210210000003	Screw	4	
3	14117037	Control Switch Harness	1	
4	60212475	Lamp, Led Indicator	1	
5	60212474	Lamp, Led Indicator	1	
6	A241200001217	Ignition Switch	1	
7	60117463	Knob Switch	1	



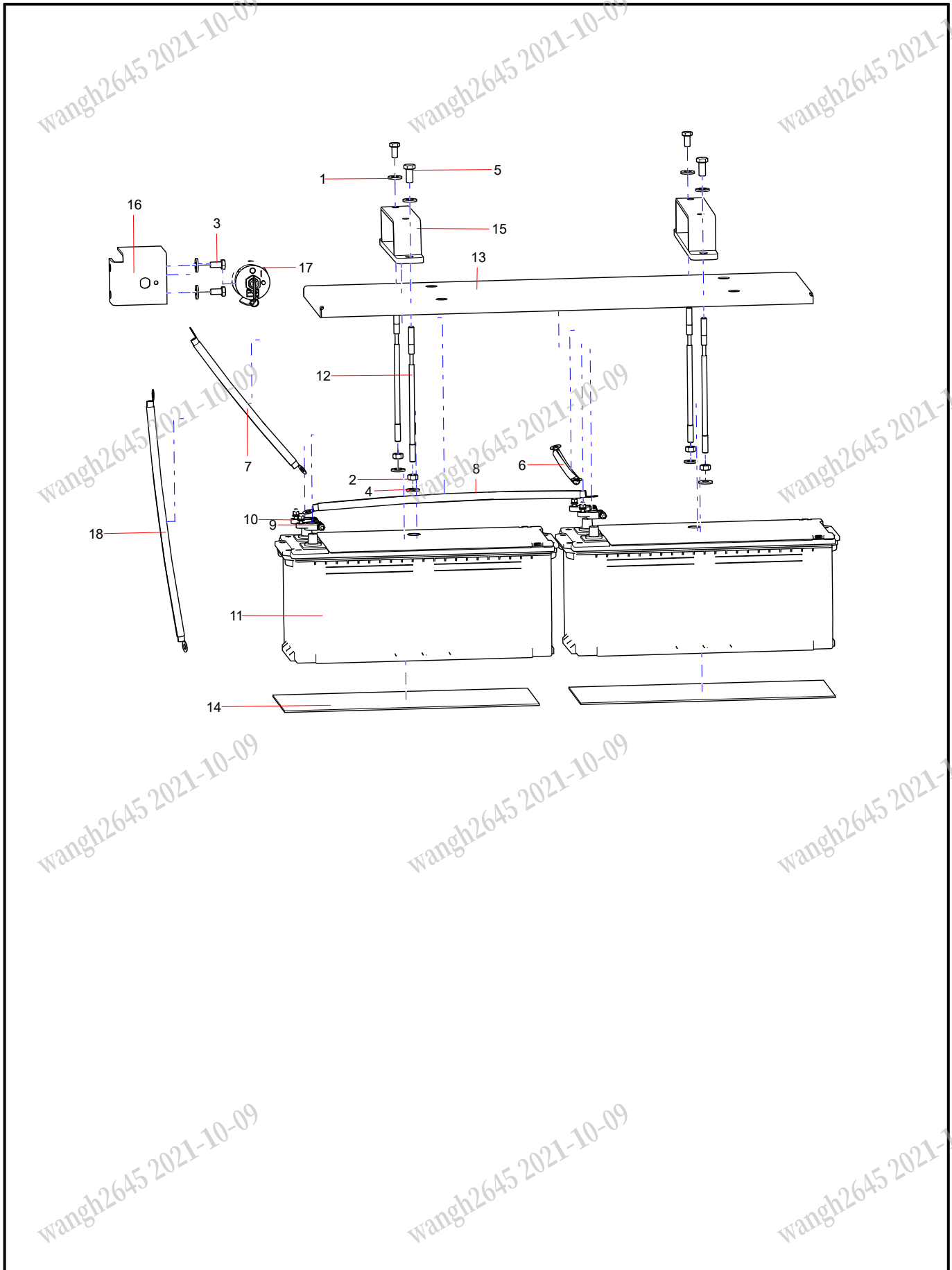
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	24000633	Washer	18	
2	A210111000343	Bolt	18	
3	A210111000195	Bolt	10	
4	24000637	Washer	10	
5	A210111000101	Bolt	30	
6	24000639	Washer	30	
7	14154504	Power Supply Harness	1	
8	14386937	power line	1	
9	14532878	Vehicle harness	1	
10	60086354	Clamp	5	
11	141604000064B	Working Lamp	1	
12	A230200000170	Clip	1	
13	60260625	Horn, Electrical	1	
14	12060897	Wire Clip	2	
15	12061491	Wire Clip	4	
16	B240600000116	Pressure Sensor	2	
17	61025930	Pressure Sensor	9	
18	11779657	Rubber Sleeve	1	
19	60251132	Temperature Sensor	1	
20	A820205001513	Connector	2	
21	14031675	Shield	1	
22	14031673	Plate	1	
23	B230101000047	O-ring	2	
24	13559573	Frame	1	
25	14132547	Plate	1	
26	12049464	The Fixed Bracket for The Compressor's Plug	1	
27	60244710	pressure switch	1	
28	11400099	The Clamp of AMP	2	
29	60149356	Clamp, Wire	8	
30	60083322	Clamp	6	
31	12060843	The Clamp For Connector Of Mitsubishi	2	
32	60260292	Strap, Nylon	18	
33	SSY004576154	Transfer Wiring	1	

14221203 Work Lamp harness Assemble

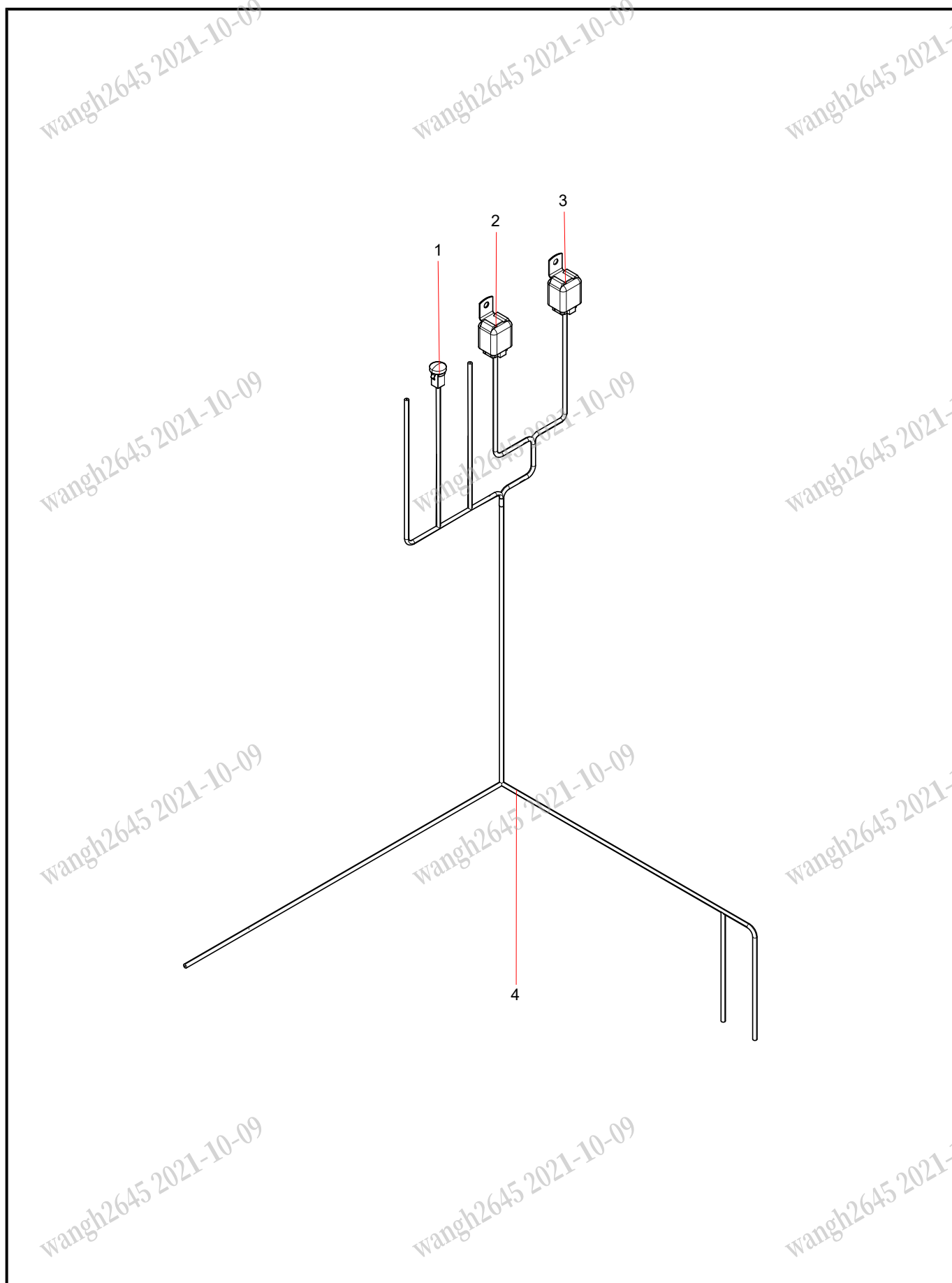


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	24000639	Washer	12	
2	A210111000101	Bolt	12	
3	24000514	Washer	2	
4	A210111000263	Bolt	2	
5	60228632	Band Clip Fixer	9	
6	60041902	90 Degree Metal Mounting Bracket	1	
7	141604000064B	Working Lamp	2	
8	14100438	Work Lamp harness	1	
9	13584605	Lamp Frame	2	
10	SSY004576154	Transfer Wiring	2	

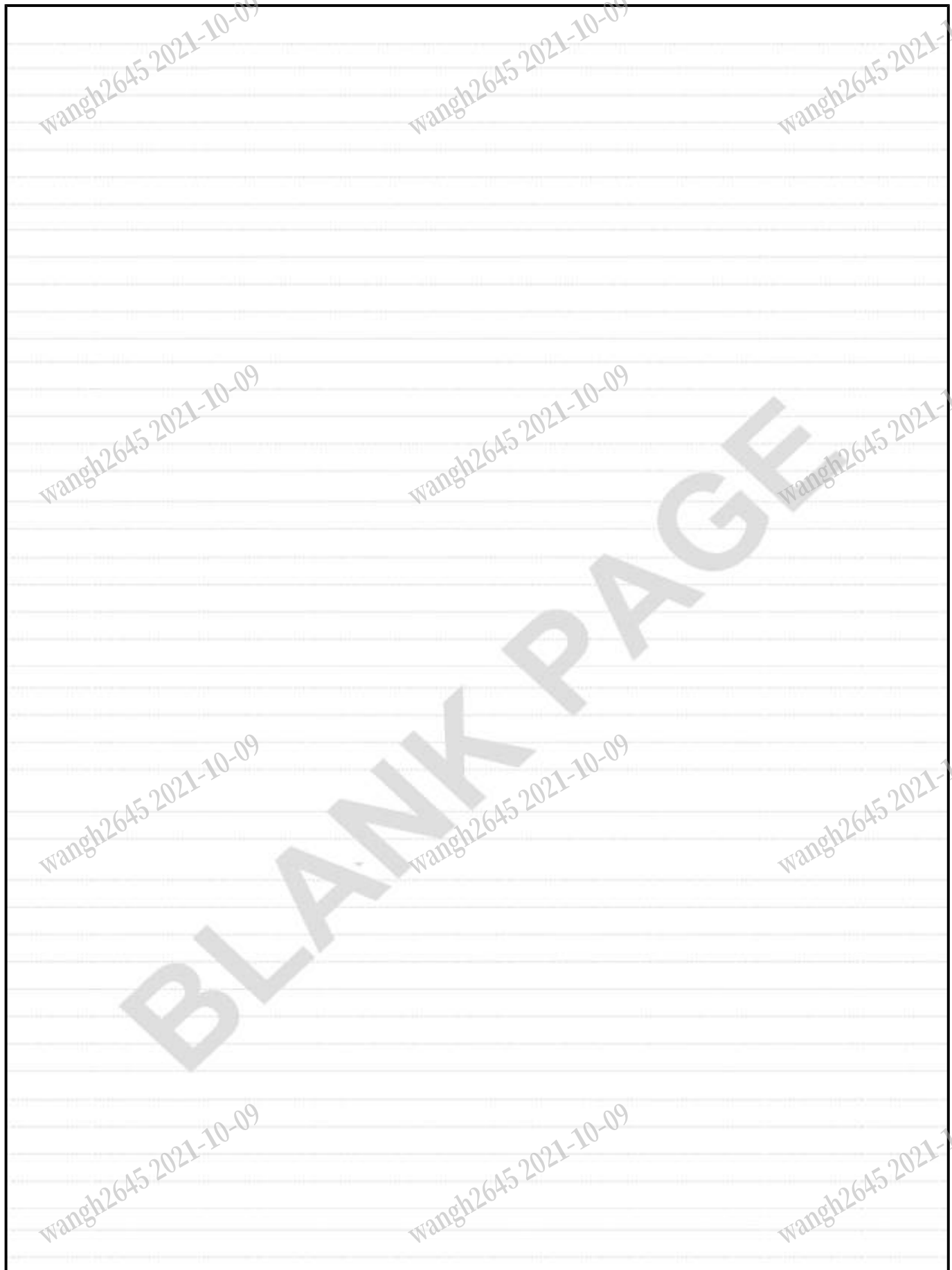
14221205 Battery Assemble



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210491000120	Washer	8	
2	A210307000036	Nut	4	
3	A210111000012	Bolt	4	
4	24000639	Washer	2	
5	A210111000101	Bolt	2	
6	12537763	Power Supply Line	1	
7	14386170	power line	1	
8	14386997	power line	1	
9	60013322	Terminal Group, Type-A Battery Positive	2	
10	60013321	Terminal Group, Type-A Battery Negative	2	
11	60071633	Storage Battery	2	
12	A820301015908	Double-threaded Stud	4	
13	14116796	Battery cover plate	1	
14	13583186	Battery rubber pad	2	
15	13583189	Battery support	2	
16	14031677	Plate	1	
17	60278563	Switch	1	
18	14387016	power line	1	



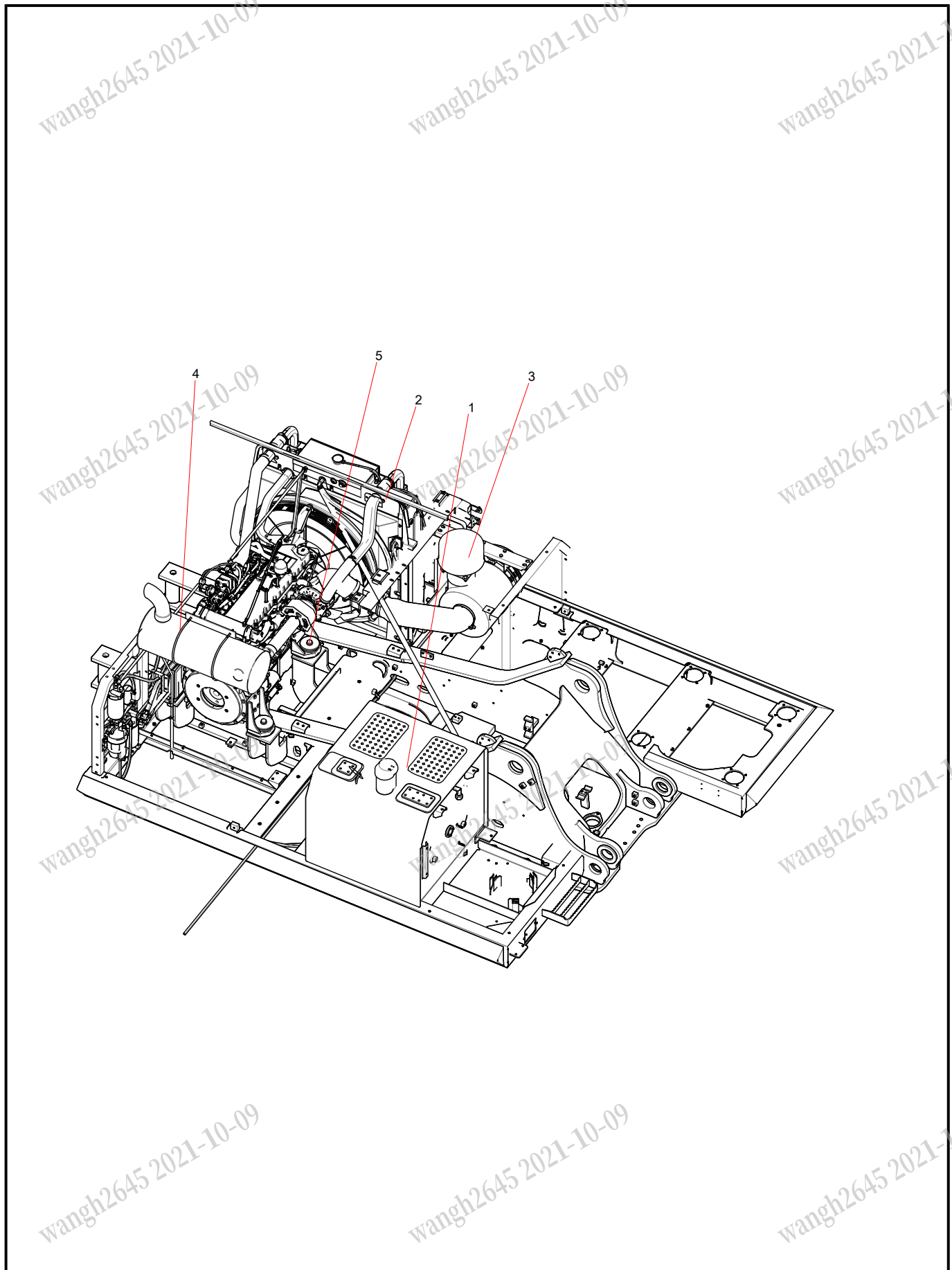
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	B240600000334	Sunlight Sensor	1	
2	B240700000473	Intermediate Relay	1	
3	B240700000472	Intermediate Relay	1	
4	10448933	Air Conditioner Connecting Harness	1	



Group 10

Power system

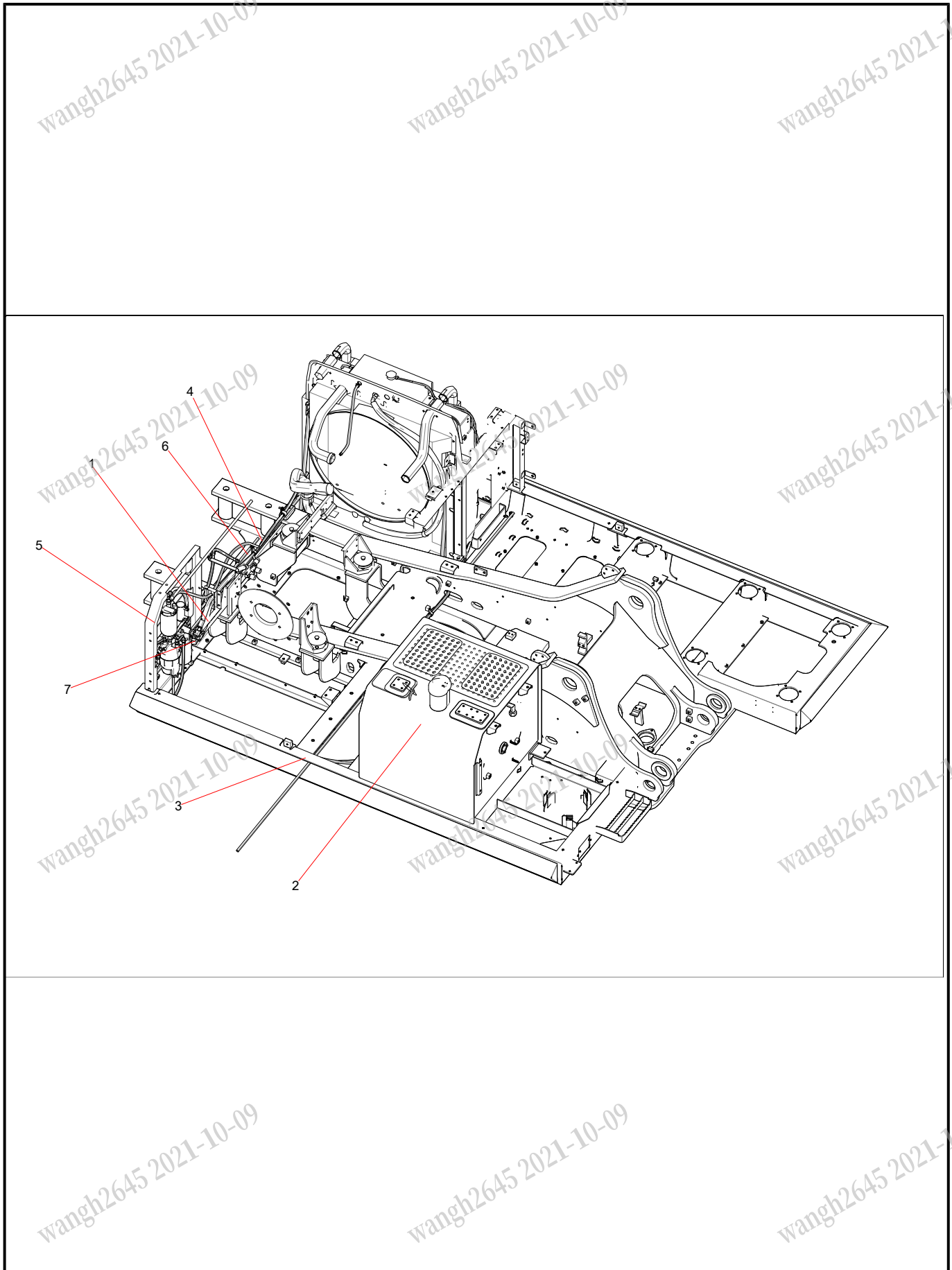
14219410 Power system



10-2 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14158945	Fuel system	1	10-4
2	14158943	Cooling system	1	10-30
3	14158930	Intake System	1	10-42
4	14158640	Exhaust system	1	10-52
5	14158415	Damping and transmission system	1	10-54

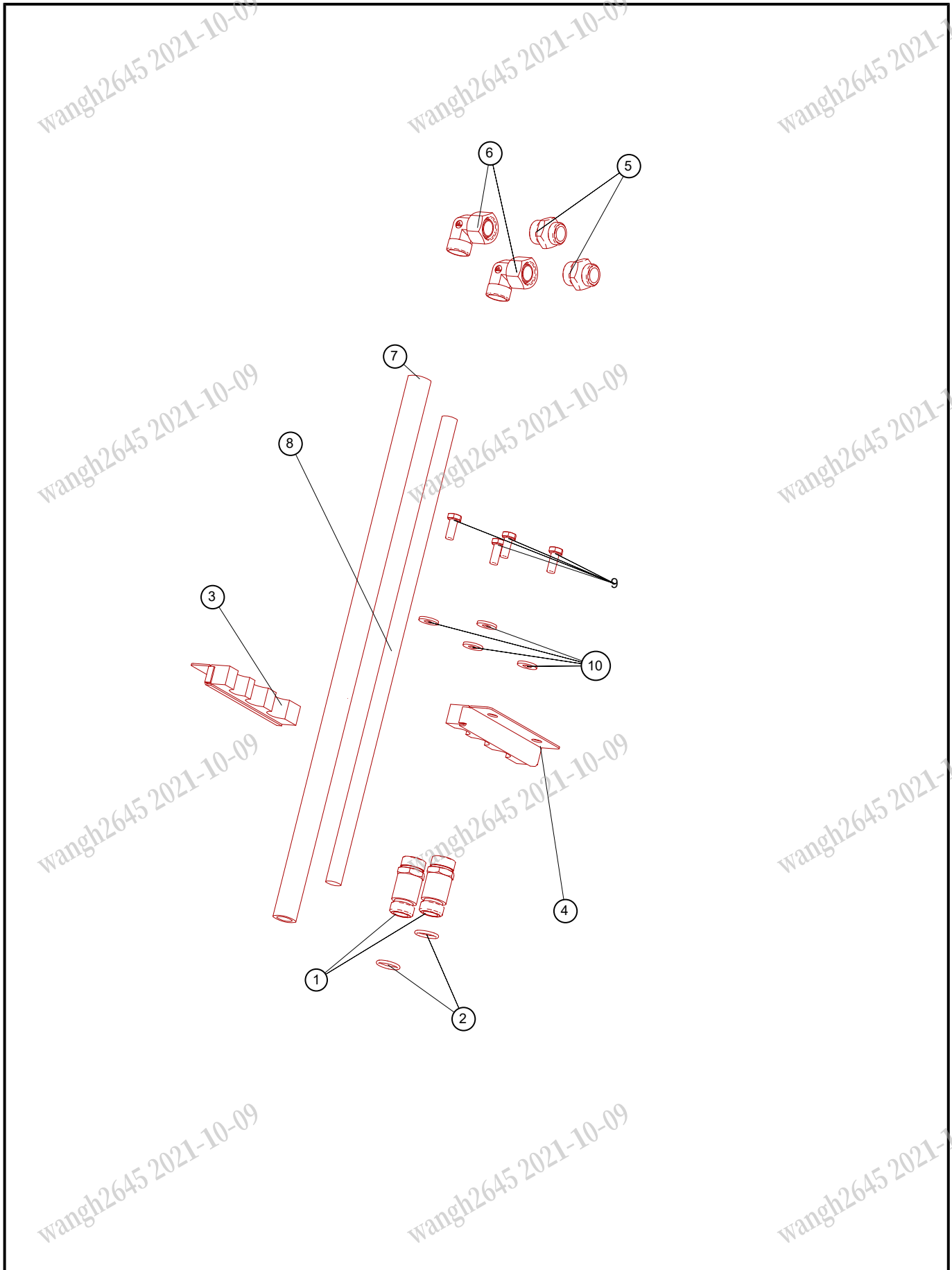
14158945 Fuel system



10-4 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14160661	Oil pipe connection	1	10-6
2	14160662	Fuel box subpackage	1	10-8
3	14160645	Water drain valve subpackage	1	10-12
4	14160644	Fuel pipe connection	1	10-14
5	14159543	Filter subpackage	1	10-16
6	14160635	Fuel piping layout	1	10-26
7	14160659	Oil drain valve subpackage	1	10-28

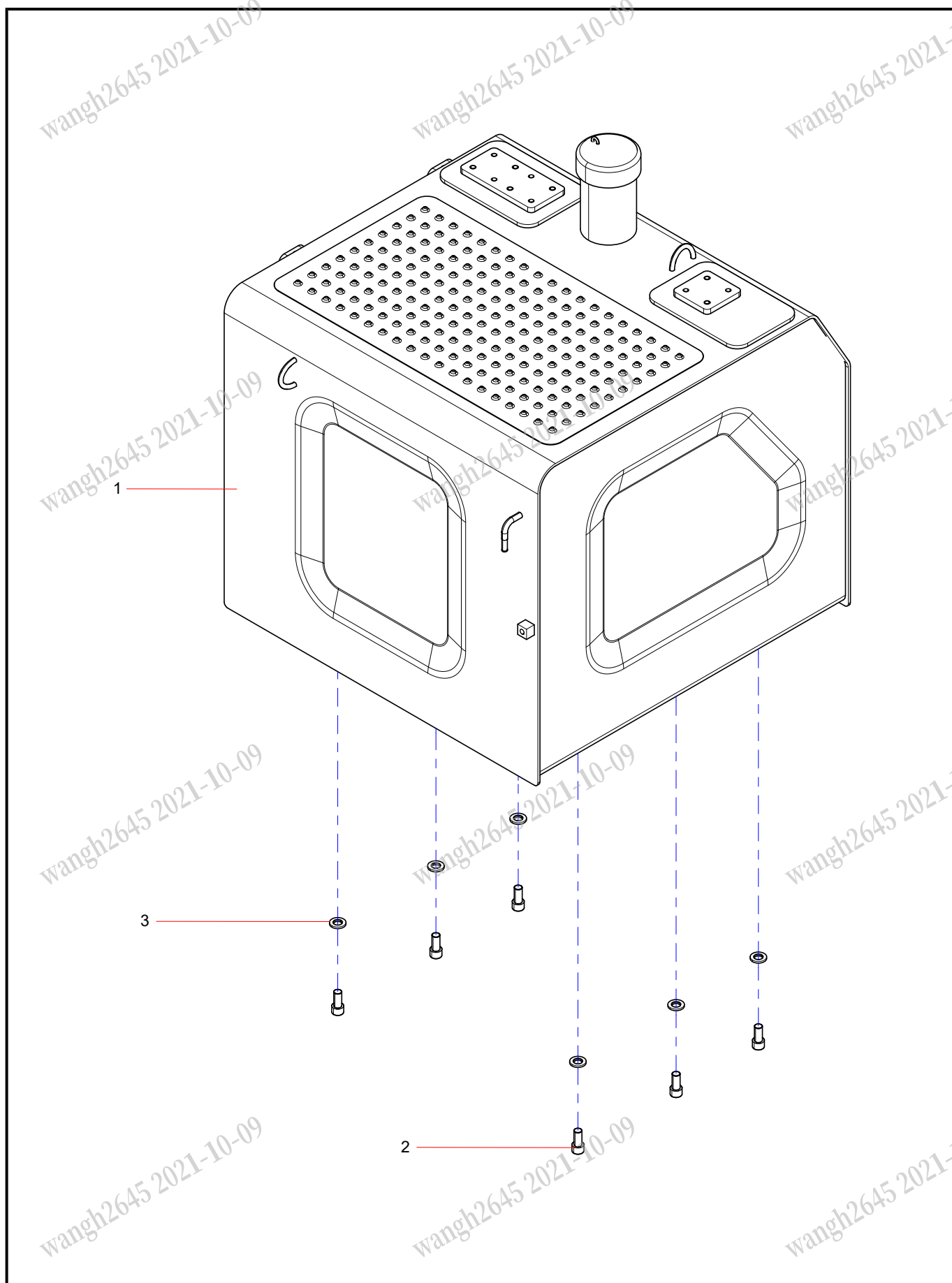
14160661 Oil pipe connection



10-6 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	11609465	Connector	2	
2	B230101000356	O-ring	2	
3	12891149	Oil pipe left clamp	1	
4	12891091	Oil pipe clamp	1	
5	A820205000942	Fitting	2	
6	B210780000028	Elbow Combination Fitting	2	
7	151007060003A	Oil hose AS	1	
8	60137429	Rubber Hose	1	
9	A210111000197	Bolt	4	
10	A210491000120	Washer	4	

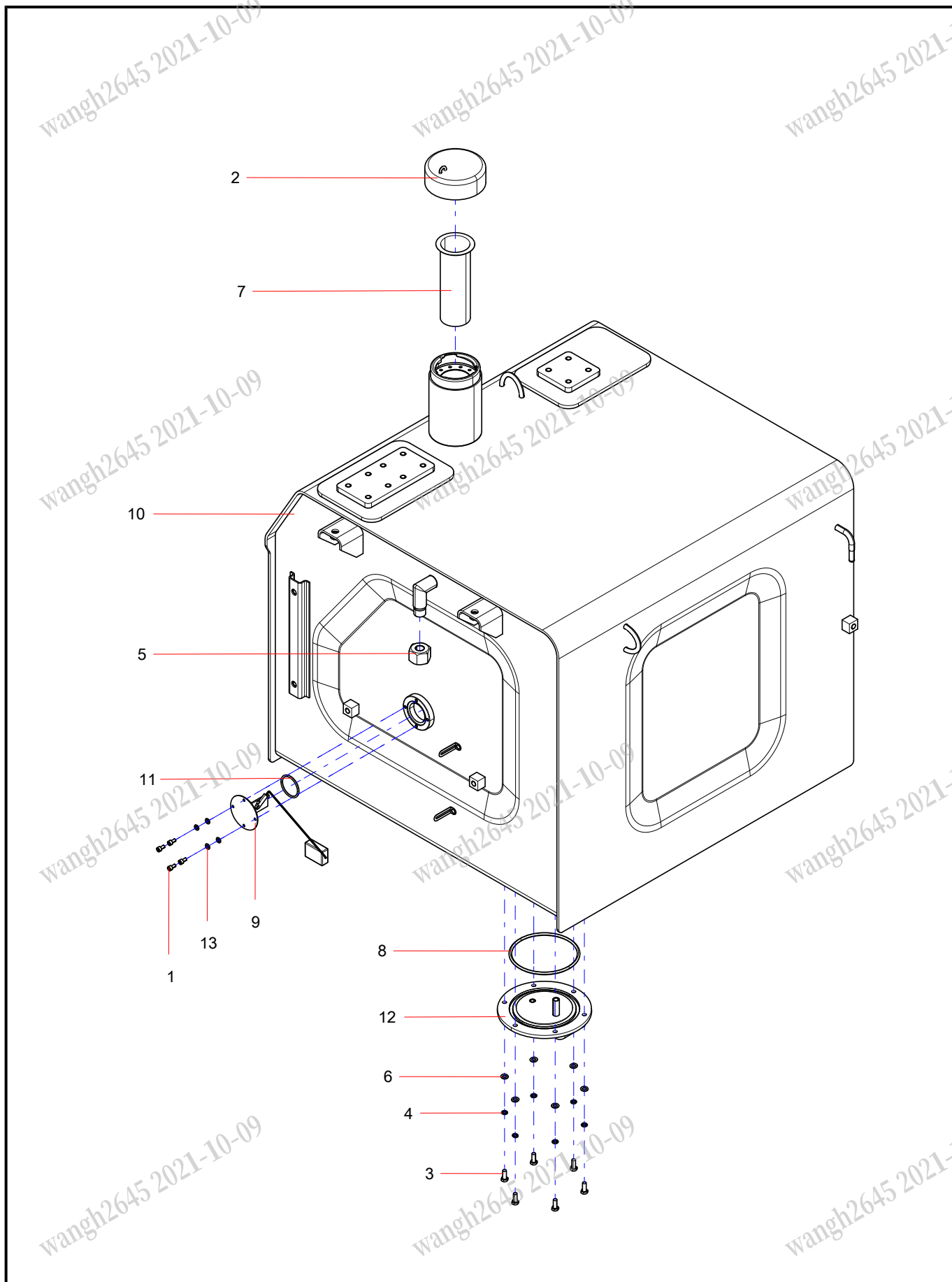
14160662 Fuel box subpackage



10-8 Power system

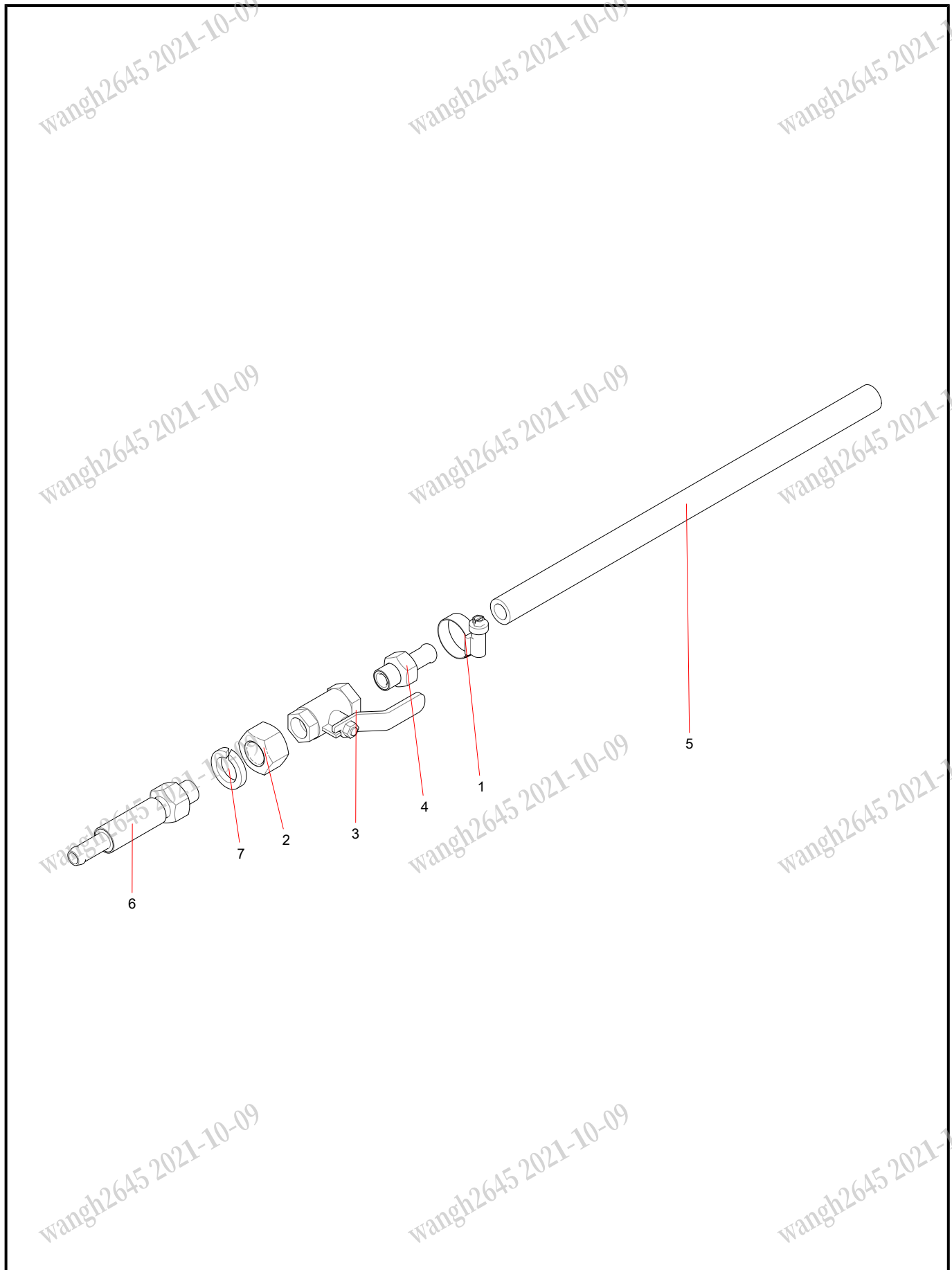
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14113858	Fuel Tank Assy.	1	10-10
2	A210204000198	Screw	6	
3	A210491000118	Washer	6	

14113858 Fuel Tank Assy.



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210204000129	Screw	4	
2	60312034	Cover, Fuel Tank	1	
3	A210111000343	Bolt	6	
4	A210401000017	Washer	6	
5	10210082	Screw Plug	1	
6	A210405000007	Washer	6	
7	60117826	Strainer Assembly,Fuel	1	
8	B230101000934	O-ring	1	
9	60029642	Sensor Gp,Fuel Level	1	
10	14113855	Fuel Tank	1	
11	B230101000457	O-ring	1	
12	13943522	Bottom cap assembly	1	
13	A210405000006	Washer	4	

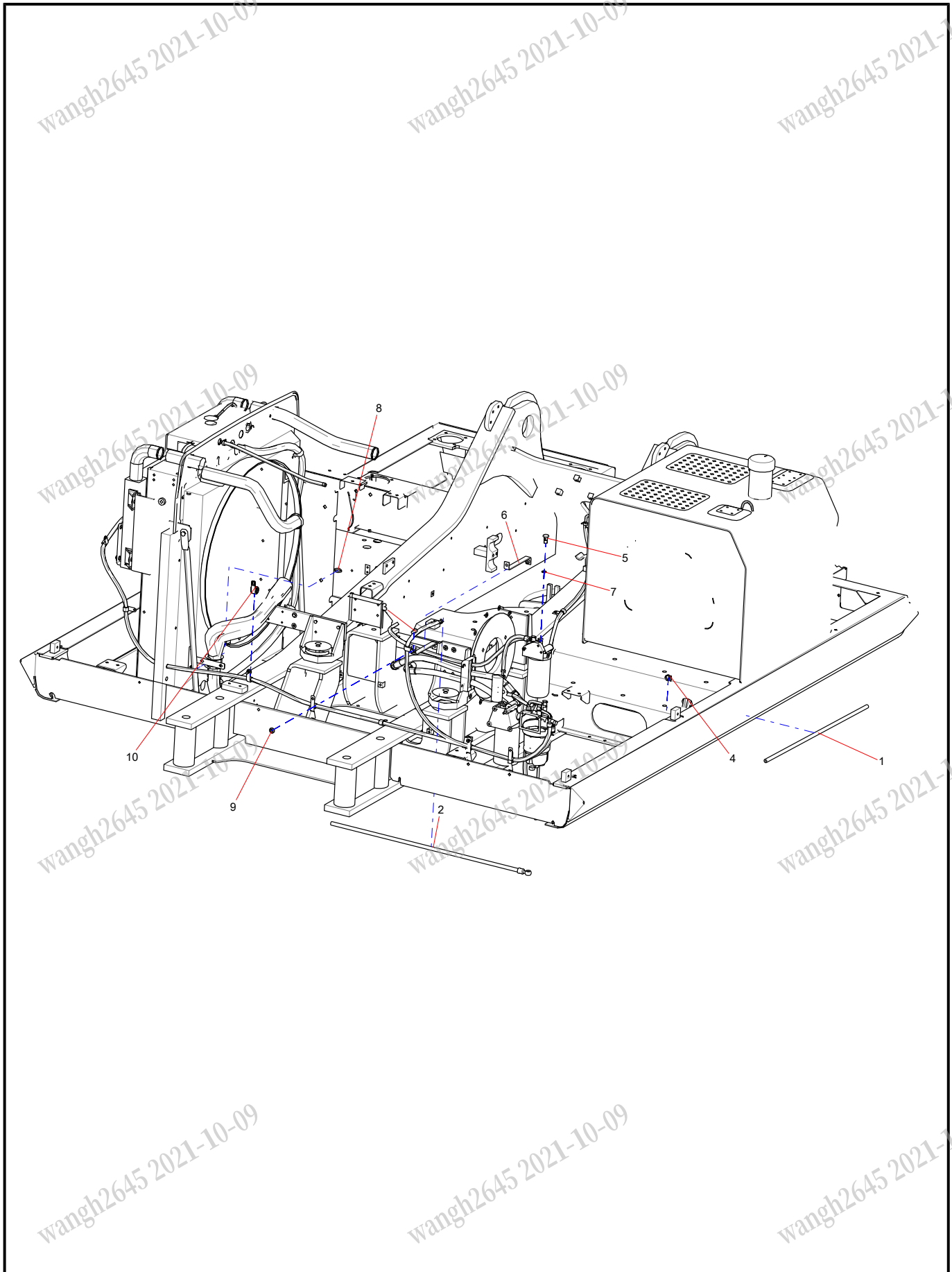
14160645 Water drain valve subpackage



10-12 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A229900001345	Clamp	1	
2	A210307000028	Nut	1	
3	60046622	Switch, Fuel	1	
4	11331654	Adapter	1	
5	11273607	Hose	1	
6	11251714	Adapter	1	
7	24000514	Washer	1	

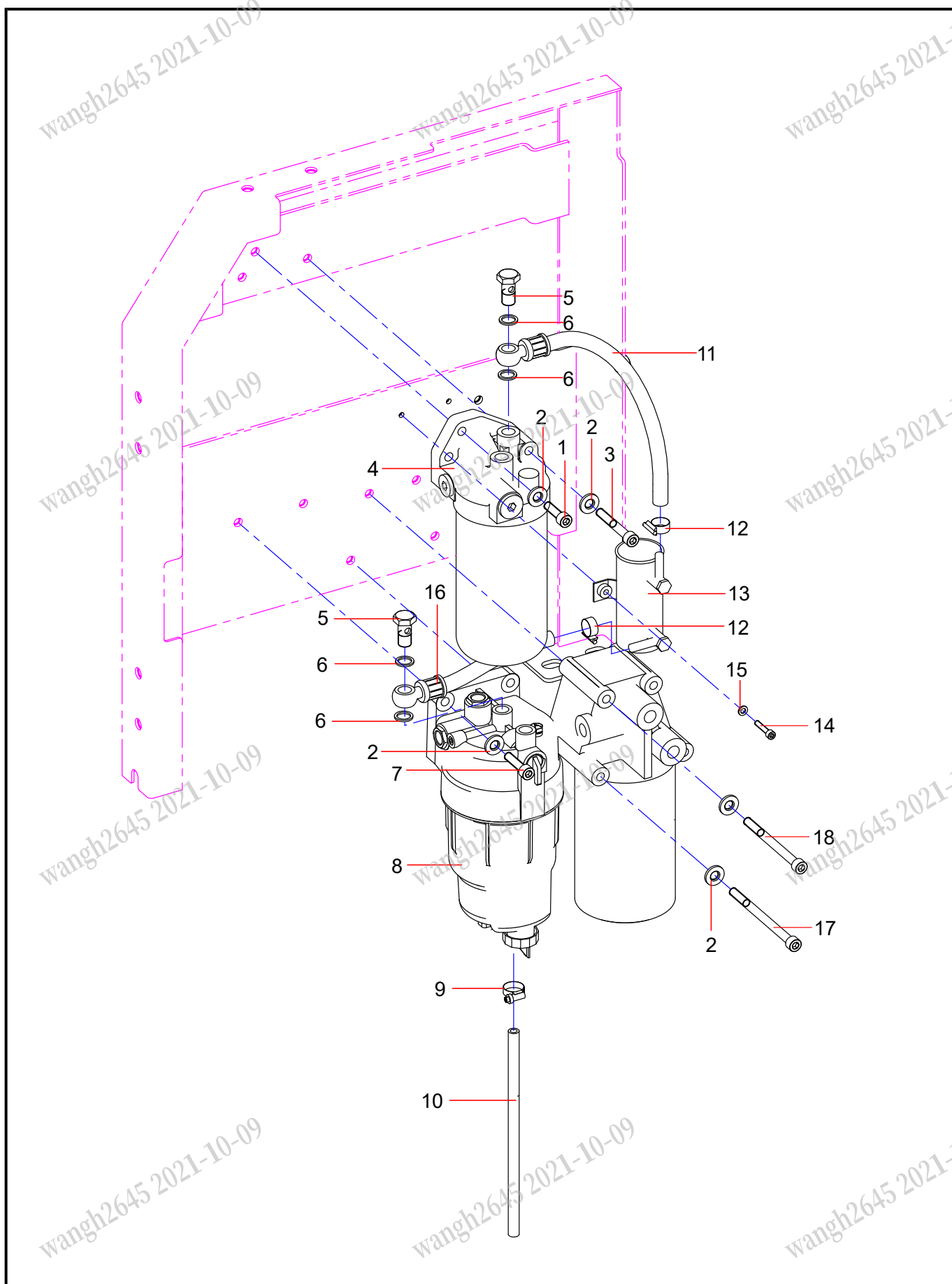
14160644 Fuel pipe connection



10-14 Power system

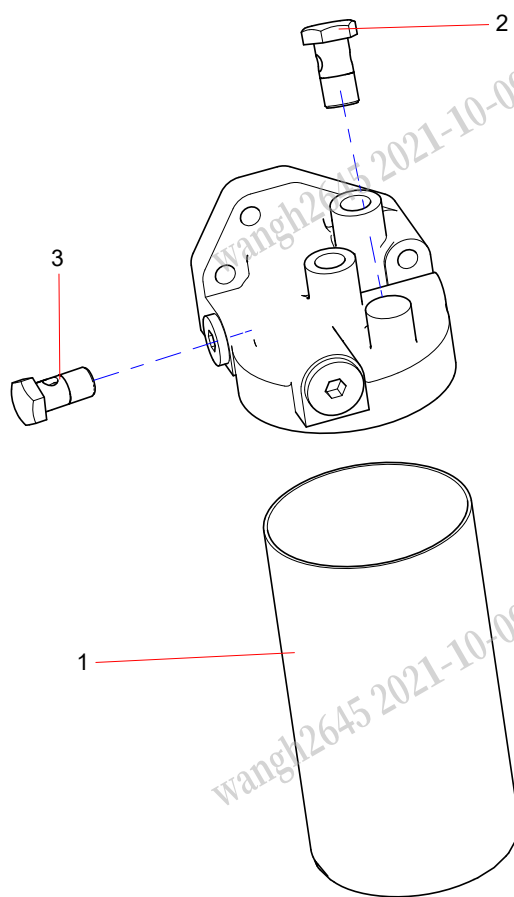
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14119274	fuel pipe	1	
2	14119293	Fuel pipe	1	
3	A210111000101	Bolt	7	
4	A229900001347	Hose Hoop	8	
5	A210199000016	Articulated Bolt	4	
6	A810505990026	Tube Clamp	1	
7	A210434000008	Washer	8	
8	A239900000066	Nylon Strap	1	
9	A210491000121	Washer	7	
10	60149605	Harness Fixed Frame	7	

14159543 Filter subpackage

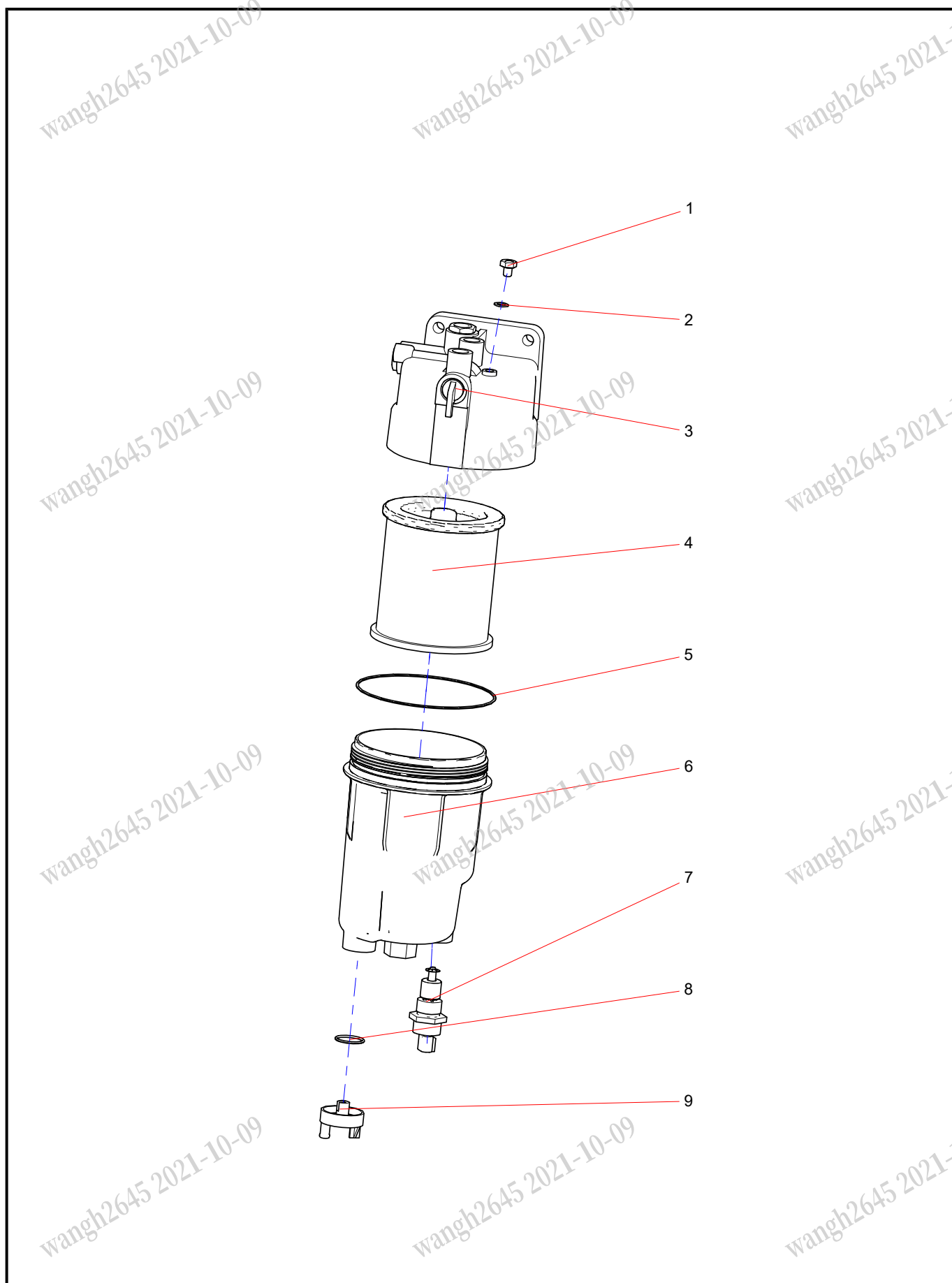


10-16 Power system

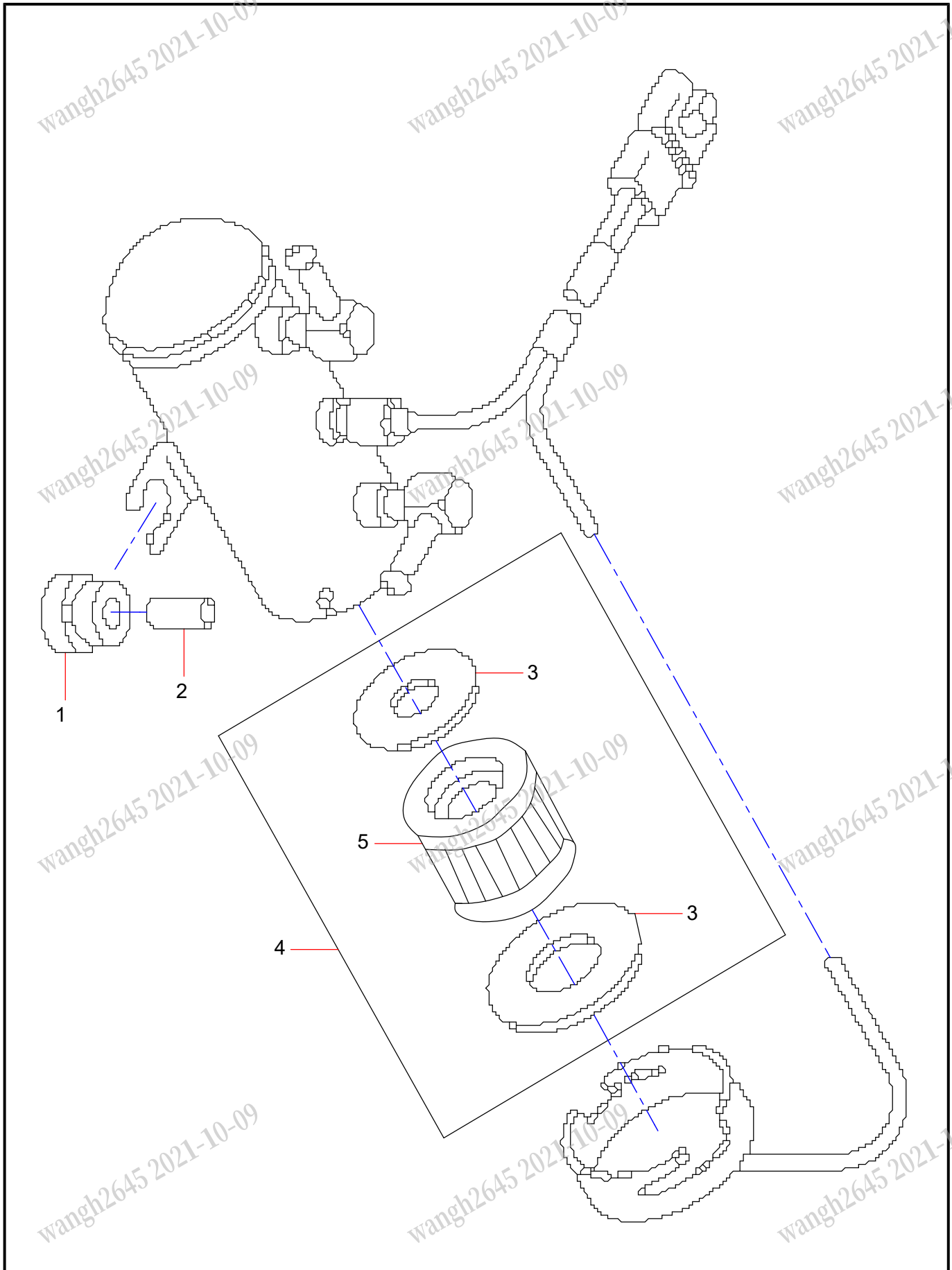
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210204000215	Screw	2	
2	A210491000120	Washer	9	
3	A210204000345	Screw	1	
4	60250940	Fule Filter	1	10-18
5	A210199000016	Articulated Bolt	2	
6	A210434000008	Washer	4	
7	A210204000355	Screw	2	
8	60350131	Fuel filter	1	10-20
9	A229900001345	Clamp	2	
10	14026789	coarse water filter tube	1	
11	14026792	Fuel pipe	1	
12	A229900001347	Hose Hoop	2	
13	60018583	Fuel Pump	1	10-22
14	A210204000133	Screw	2	
15	24000632	Washer	2	
16	14026791	Fuel pipe	1	
17	A210204000005	Screw	1	
18	A210204000477	Screw	2	
19	B222100000398	Oil Filter	1	10-24



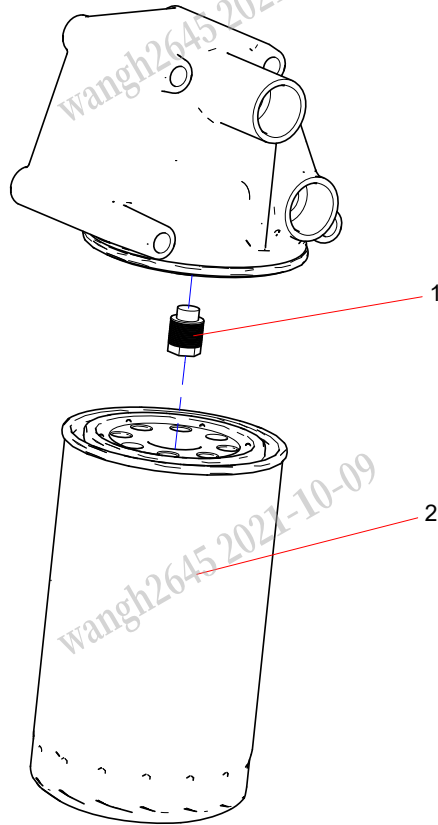
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60250941	Fule Filter	1	
2	60311839	Valve	1	
3	60115532	Plug;Fuel Filter	1	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	61005354	Bolt	1	
2	61005355	Spacer	1	
3	61022929	Base	1	
4	60307173	Fuel Filter	1	
5	61005358	X-ring	1	
6	61005353	Block Assembly	1	
7	61005359	Water Level Alarm	1	
8	61005357	Seal Washer	1	
9	61005356	Drainage Cover	1	

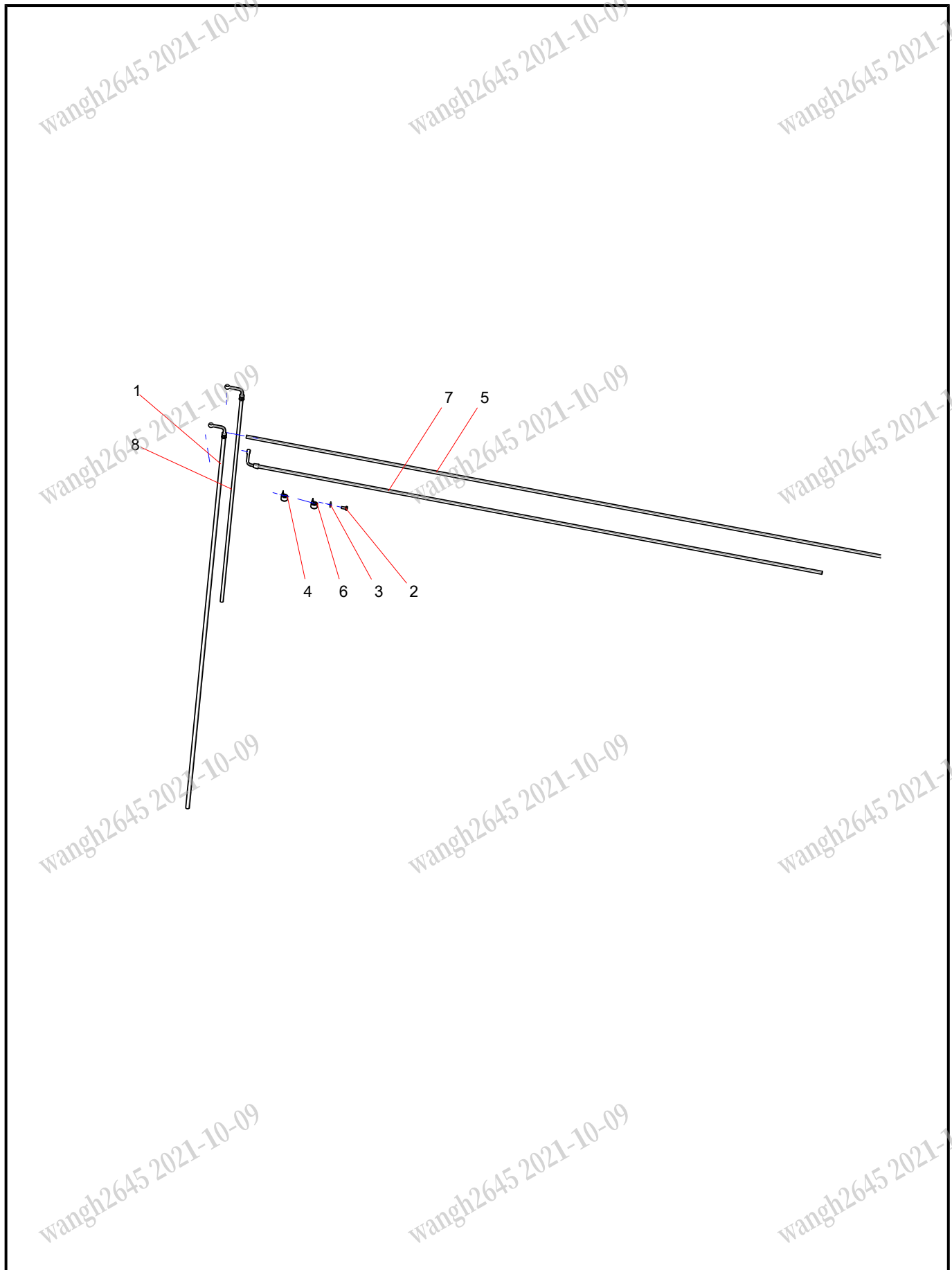


INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60311898	Washer	2	
2	60311899	Collar	2	
3	60311900	Gasket	1	
4	60333882	Filter	1	
5	60311901	Repair Kit	1	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	B229900004781	Connecting Screw Plug	1	
2	B222100000494	Oil Filter	1	

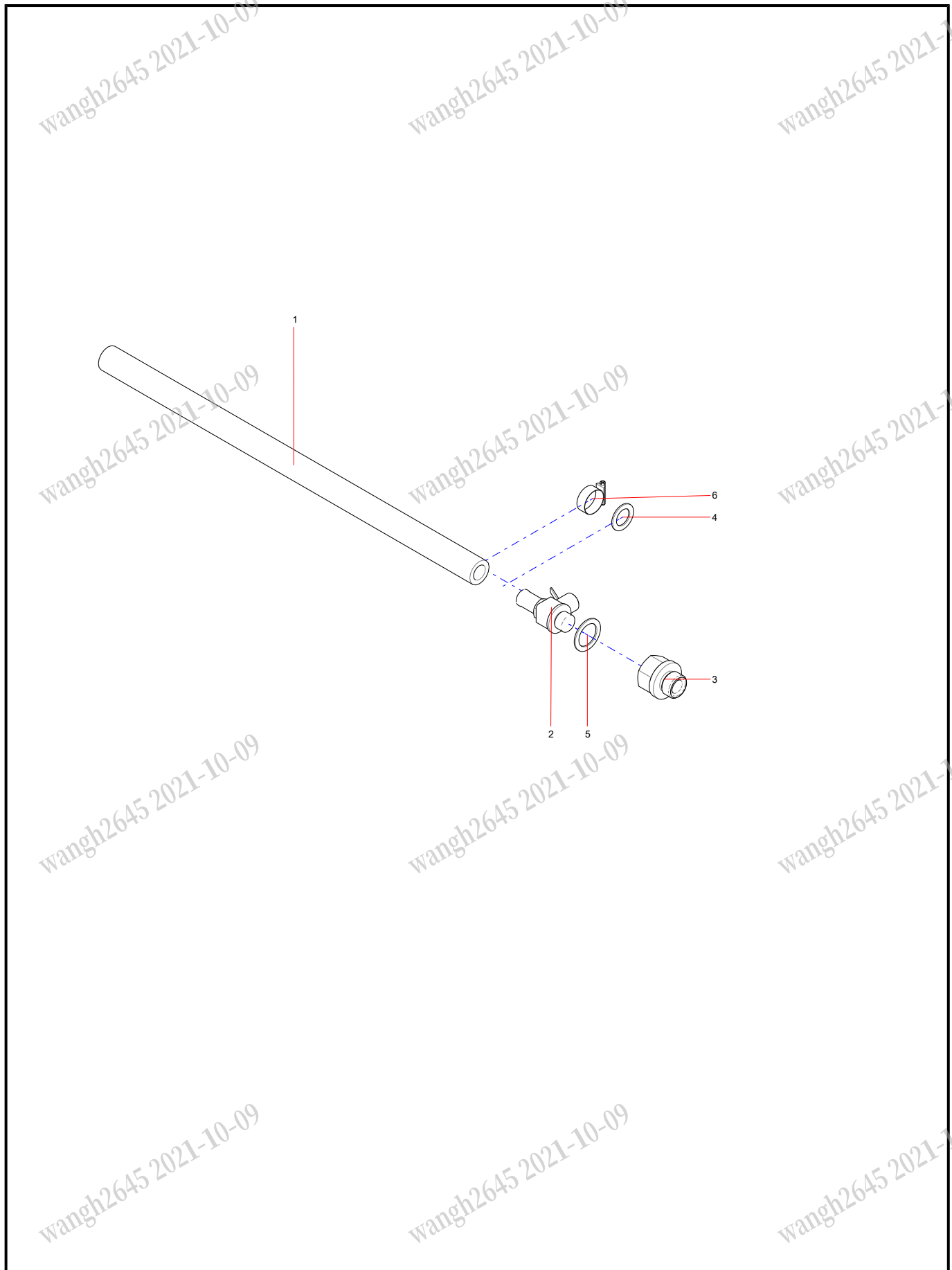
14160635 Fuel piping layout



10-26 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14119292	fuel pipe	1	
2	A210111000101	Bolt	12	
3	A210491000121	Washer	12	
4	60149605	Harness Fixed Frame	10	
5	14119296	fuel pipe	1	
6	60086356	Harness Fixed Frame	2	
7	14119295	Fuel pipe	1	
8	14119294	fuel pipe	1	

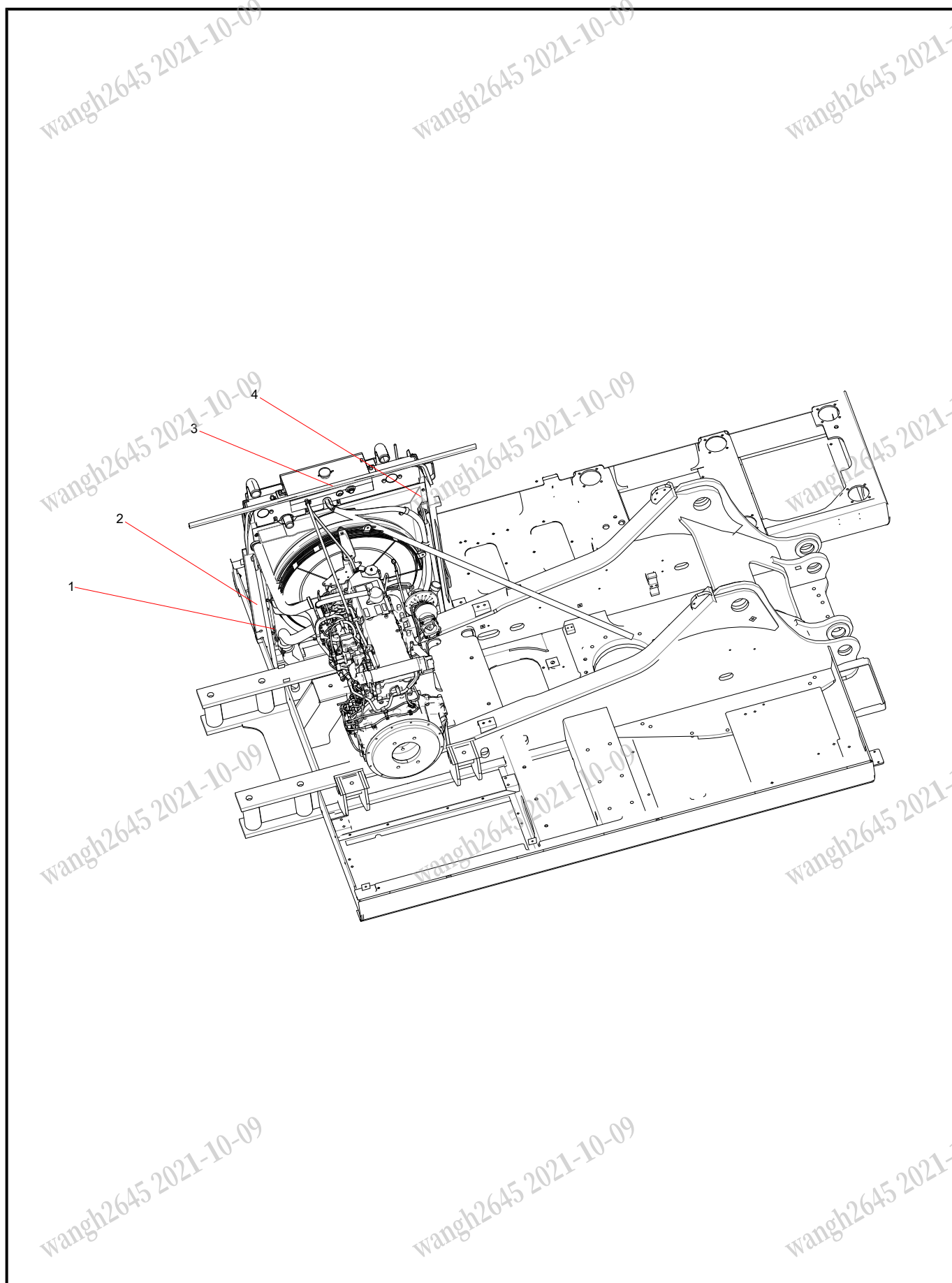
14160659 Oil drain valve subpackage



10-28 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	12213205	Oil Drain	1	
2	B220401000916	Valve Assembly, Drain	1	
3	11604207	Adapter	1	
4	60006360	Washer, Copper	1	
5	60006362	Washer	1	
6	A229900001347	Hose Hoop	1	

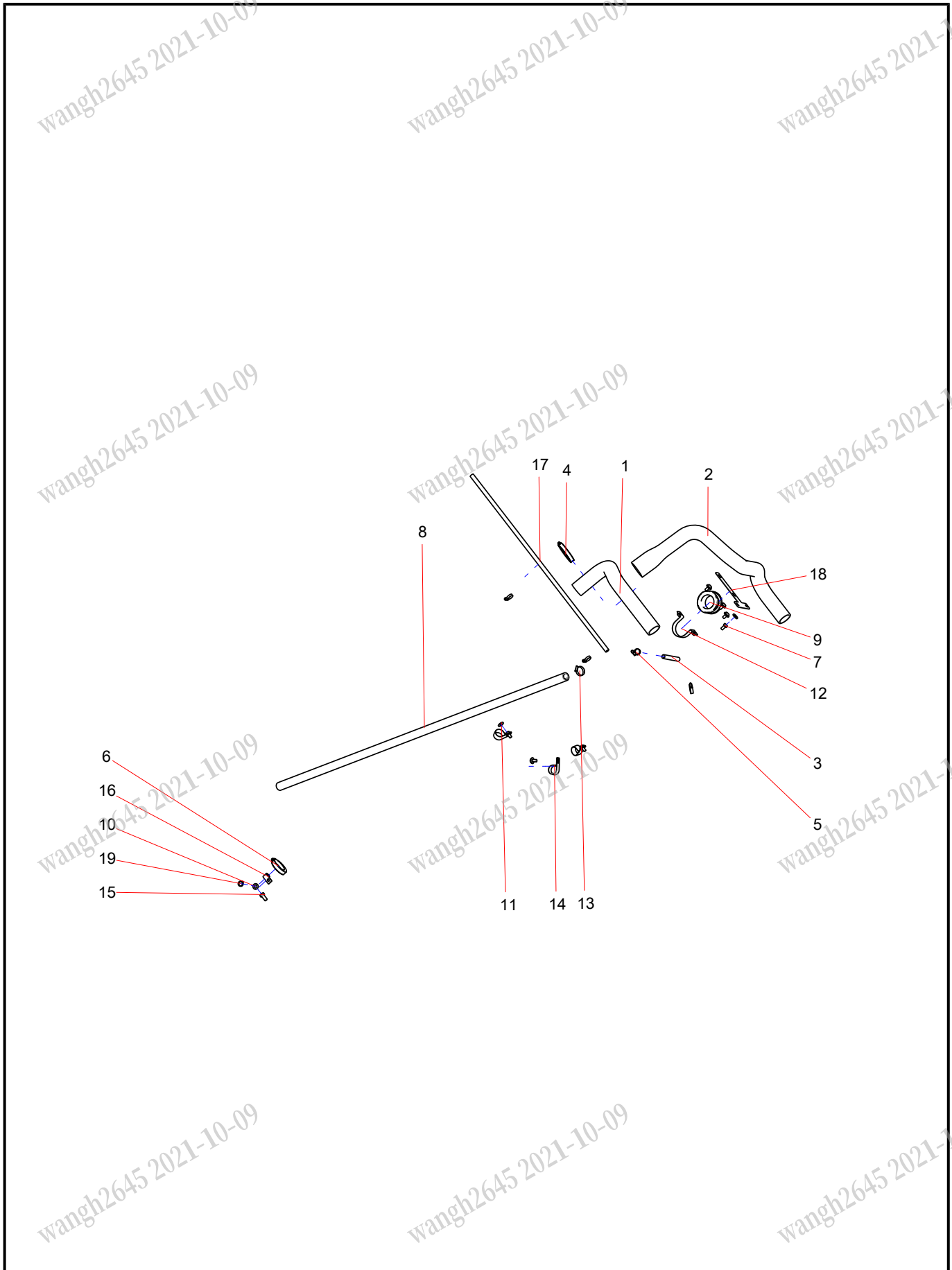
14158943 Cooling system



10-30 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14159320	Radiator pipe connection	1	10-32
2	14158948	Radiator subpackage	1	10-34
3	14159302	Radiator assembly	1	10-38
4	14159332	Coolant tank subpackage	1	10-40

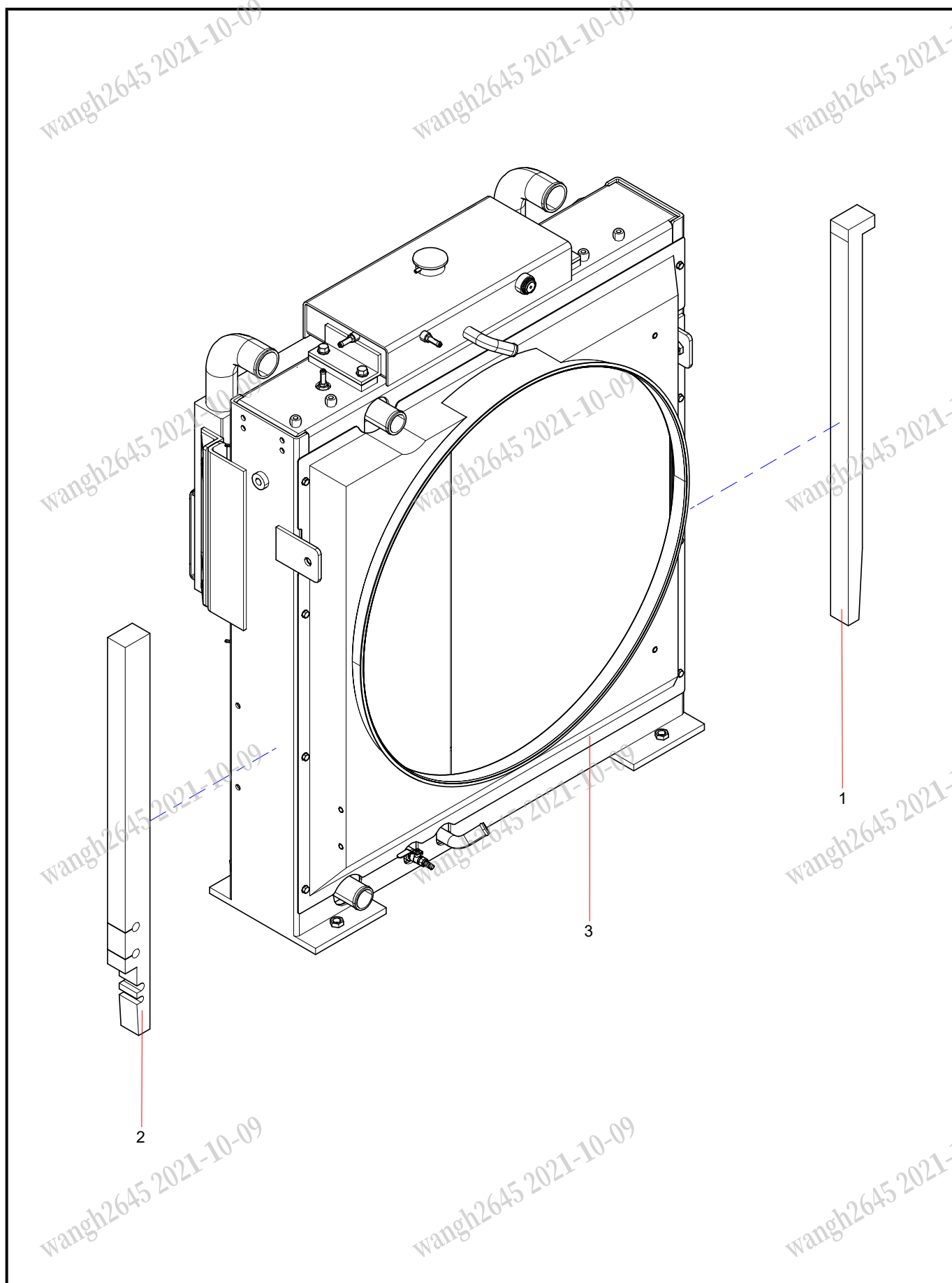
14159320 Radiator pipe connection



10-32 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13376276	Return rubber hose	1	
2	14442277	water-intake cooling rubber pipe	1	
3	13687946	pipe	1	
4	60202886	Clamp	1	
5	A229900001345	Clamp	6	
6	60219321	Clamp	3	
7	A210111000012	Bolt	7	
8	13671625	pipe	1	
9	A820606030450	Grommet	1	
10	24000639	Washer	3	
11	A210491000120	Washer	7	
12	13667734	tube collar	1	
13	60210577	Hose Clamp	2	
14	60086357	Clamp	3	
15	A210111000101	Bolt	3	
16	60083322	Clamp	3	
17	14026219	pipe	1	
18	13667710	bracket	1	
19	A210855000003	Throat Collar	4	

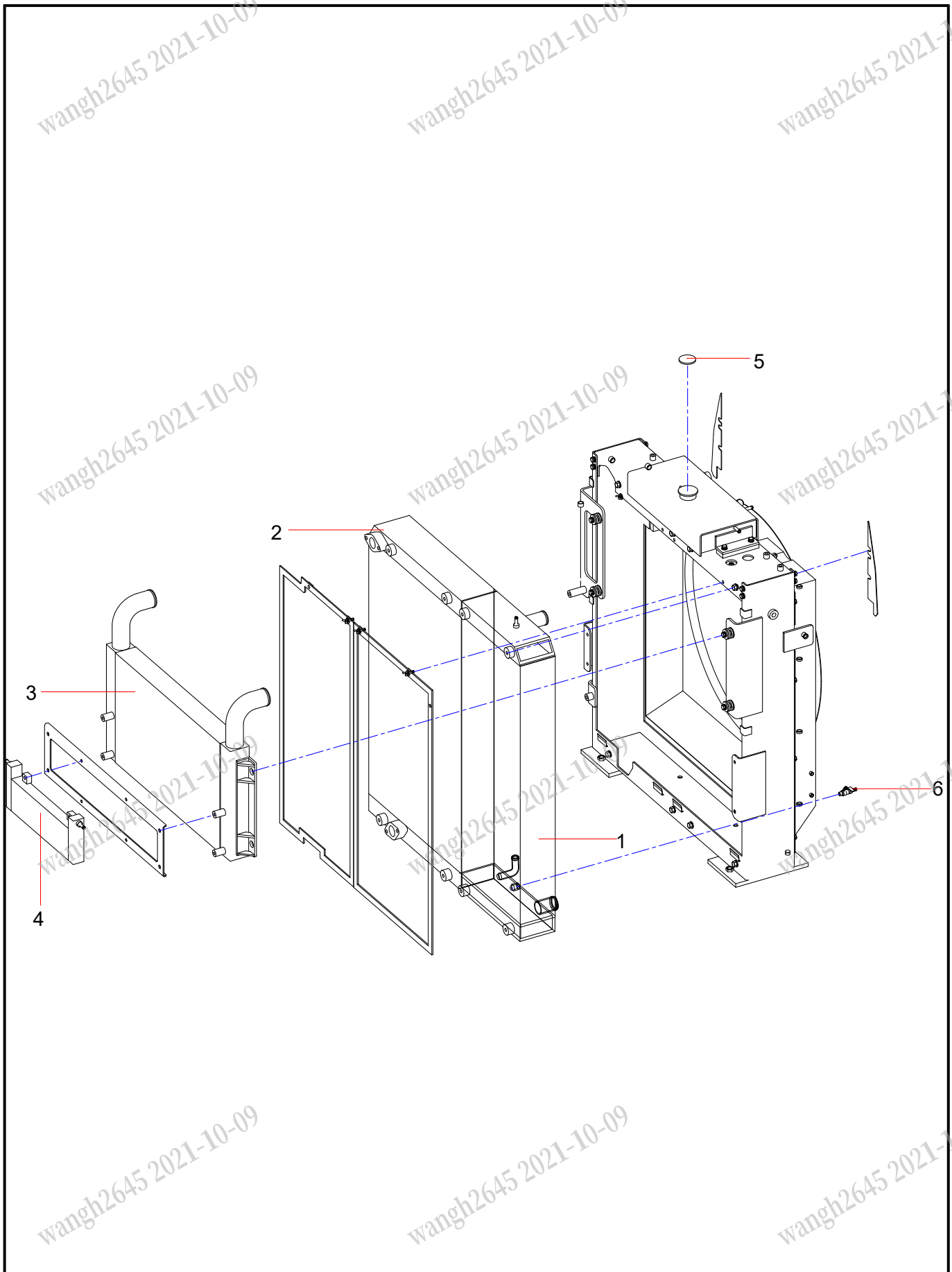
14158948 Radiator subpackage



10-34 Power system

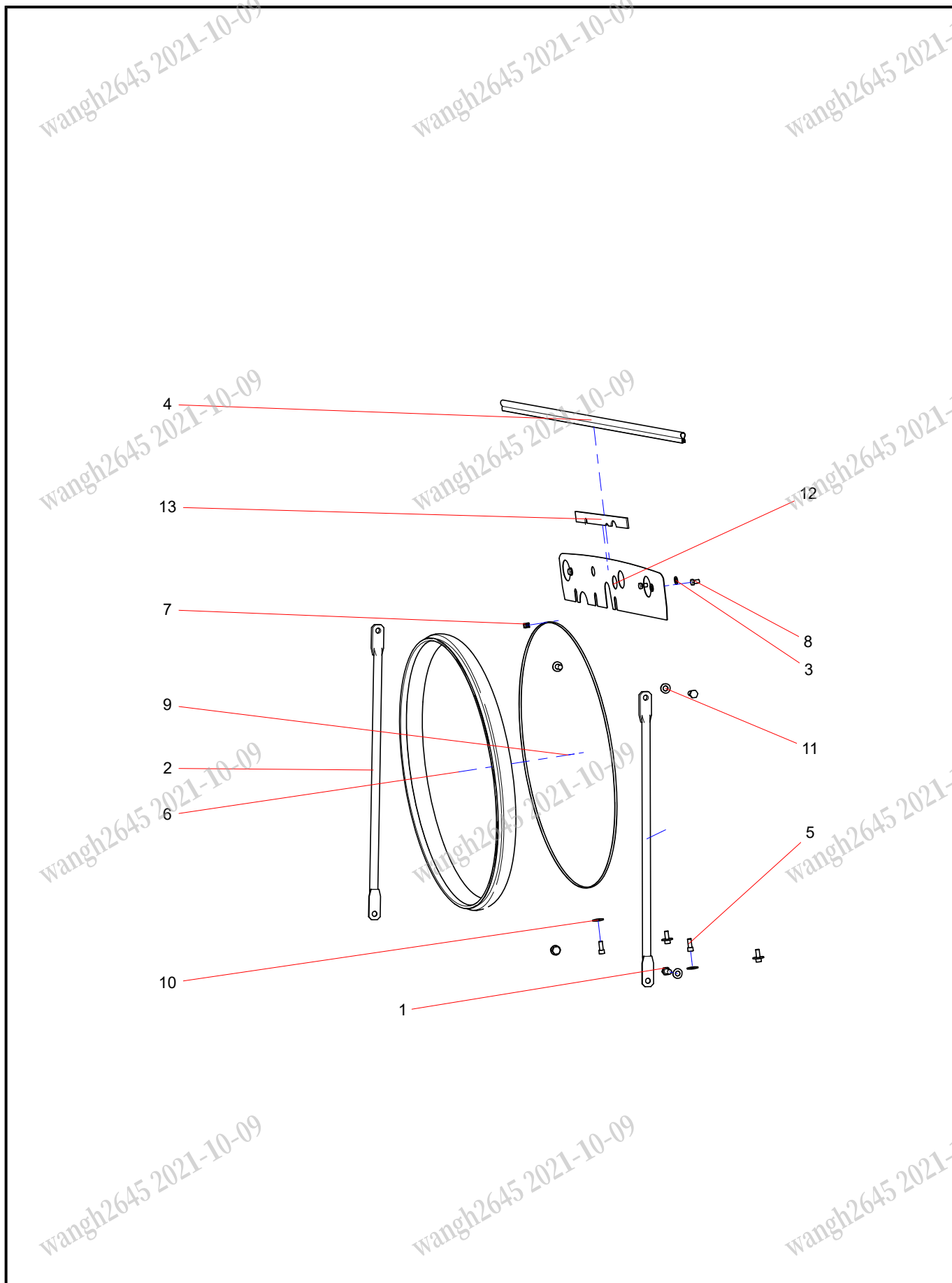
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14313073	Left sponge	1	
2	14313074	Right sponge	1	
3	61012996	Radiator	1	10-36

61012996 Radiator



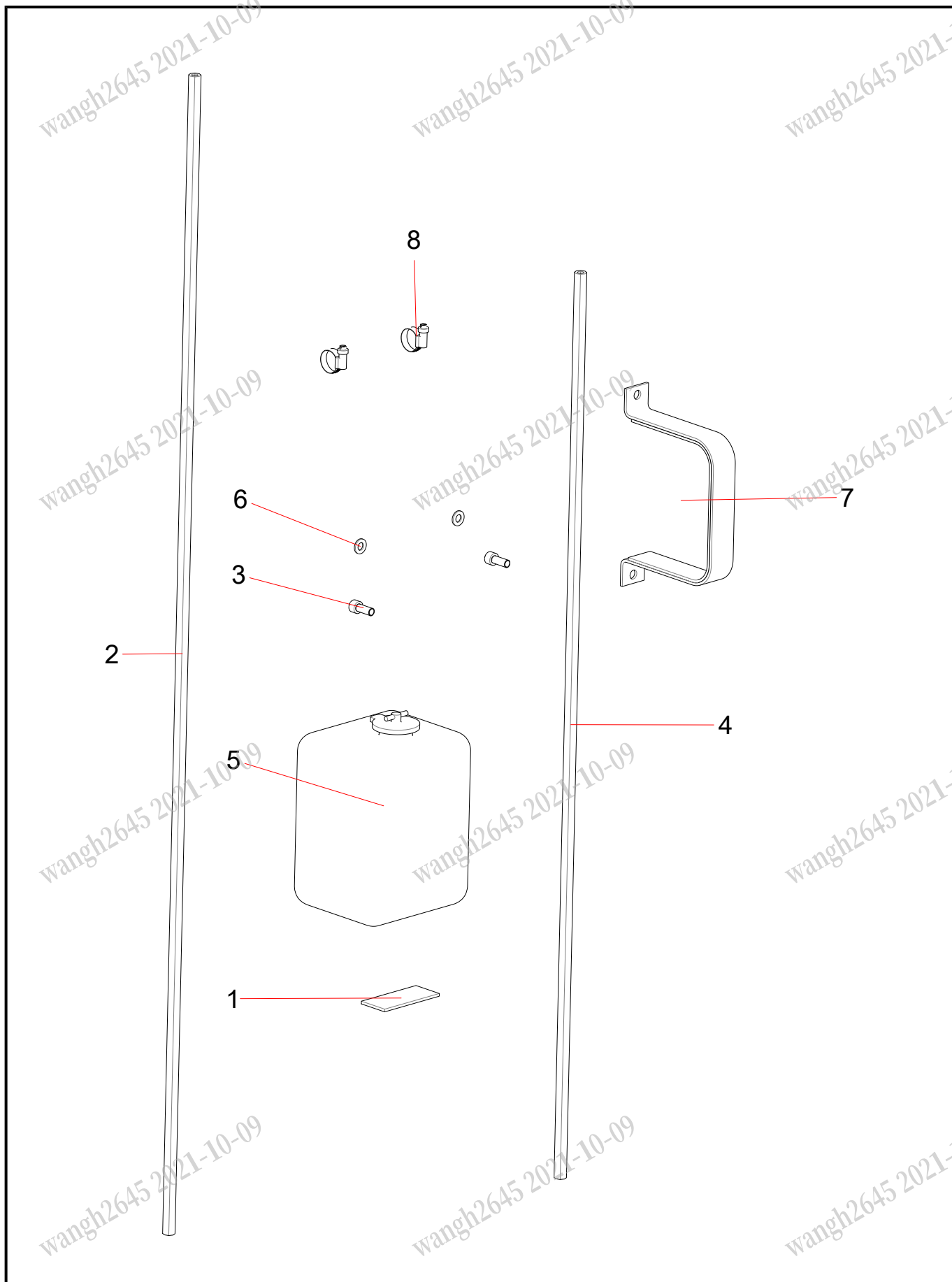
10-36 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	61014256	Radiator	1	
2	61014257	Radiator	1	
3	61014258	Radiator	1	
4	60357237	Diesel radiator	1	
5	60125365	Cap, Coolant Tank	1	
6	60222429	Drain Valve	1	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210111000263	Bolt	4	
2	A820301017054	Support	2	
3	A210491000121	Washer	3	
4	13546103	Sealing strip	1	
5	A210204000337	Screw	4	
6	A230199000044	Rubber Cover	1	
7	A229900004514	Lock	1	
8	A210111000199	Bolt	3	
9	A229900004513	Hoop	1	
10	60060548	Washer	4	
11	A210491000118	Washer	4	
12	14346431	top plate	1	
13	14348849	top plate sponge	1	

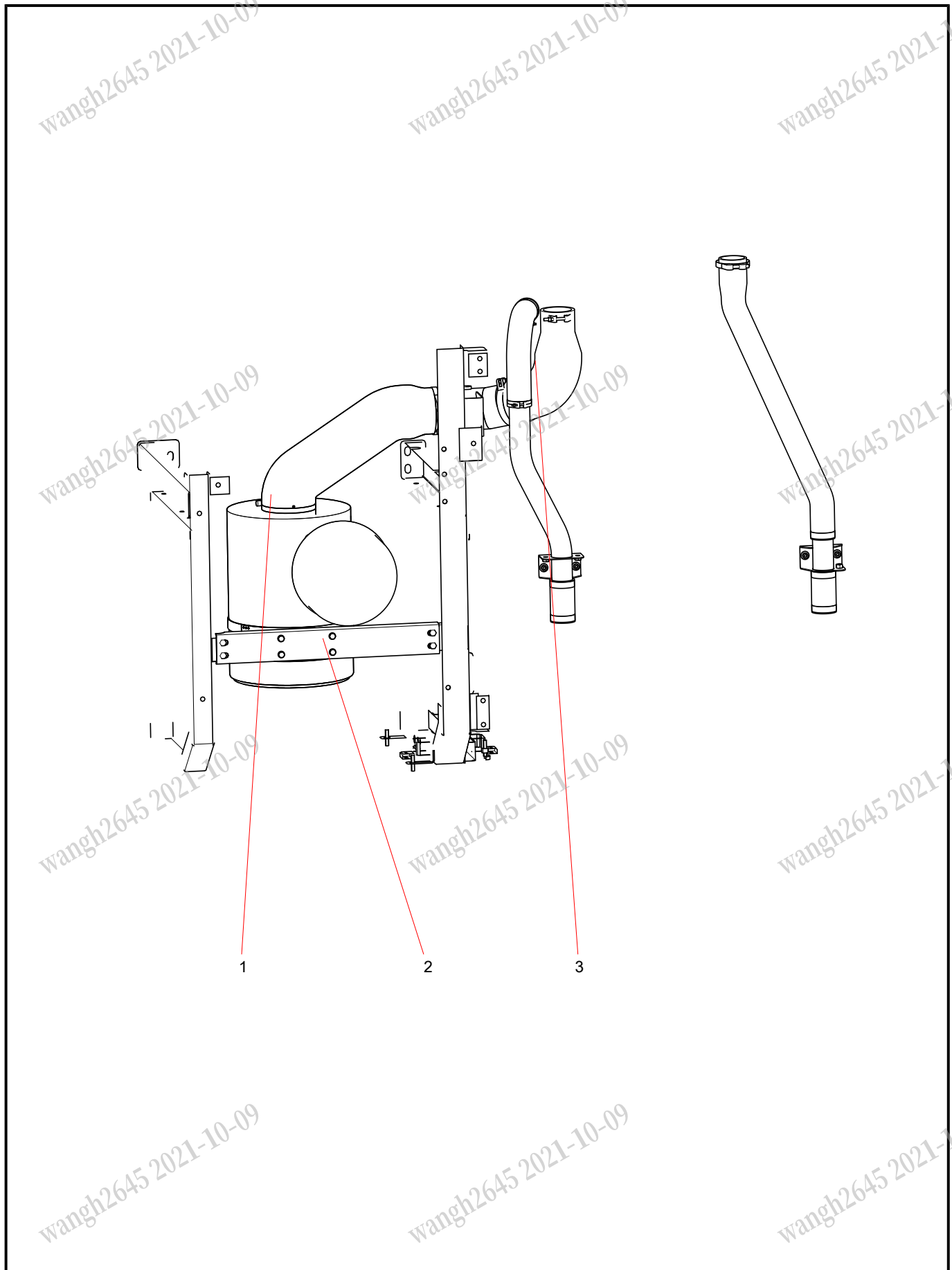
14159332 Coolant tank subpackage



10-40 Power system

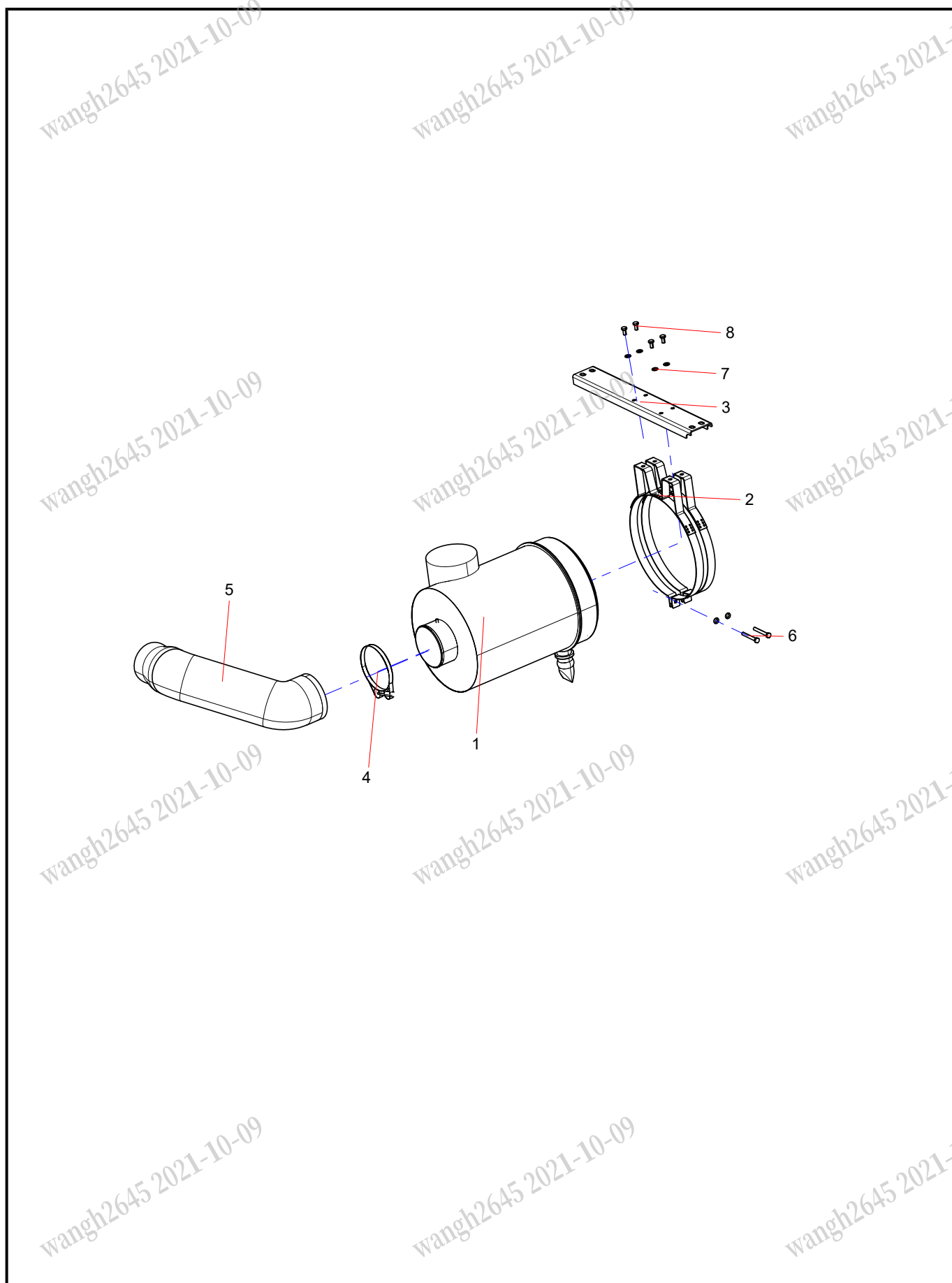
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A820606030643	Rubber Pad	1	
2	14123298	hose	1	
3	A210204000220	Screw	2	
4	14026221	pipe	1	
5	A229900001590	Tank, Reservoir, Liquid	1	
6	24000633	Washer	2	
7	13262283	Hoop	1	
8	A229900001345	Clamp	2	

14158930 Intake System



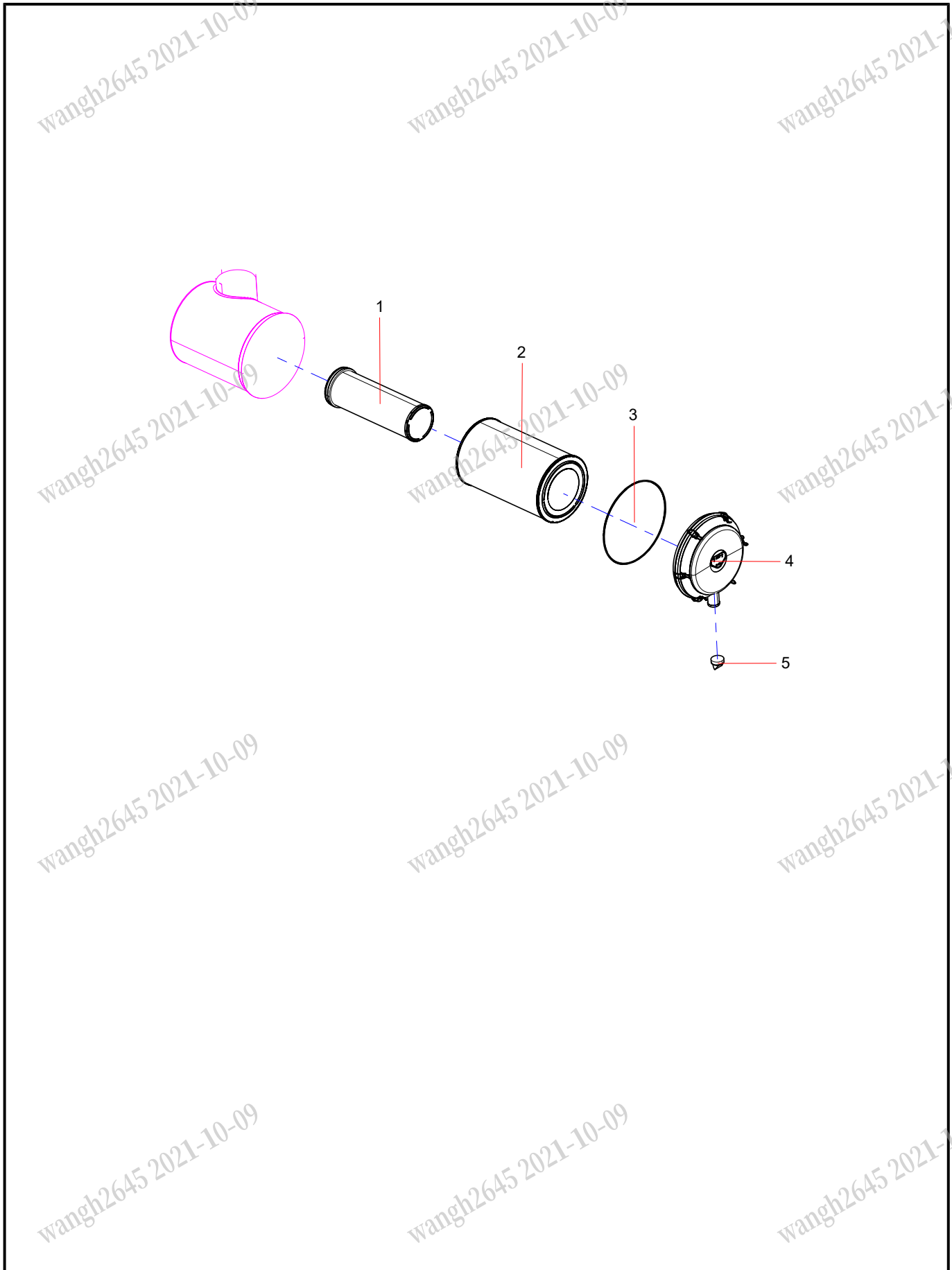
10-42 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14158774	Air cleaner subpackage	1	10-44
2	14158838	Air cleaner general assembly	1	10-48
3	14158927	Inlet pipe connection	1	10-50



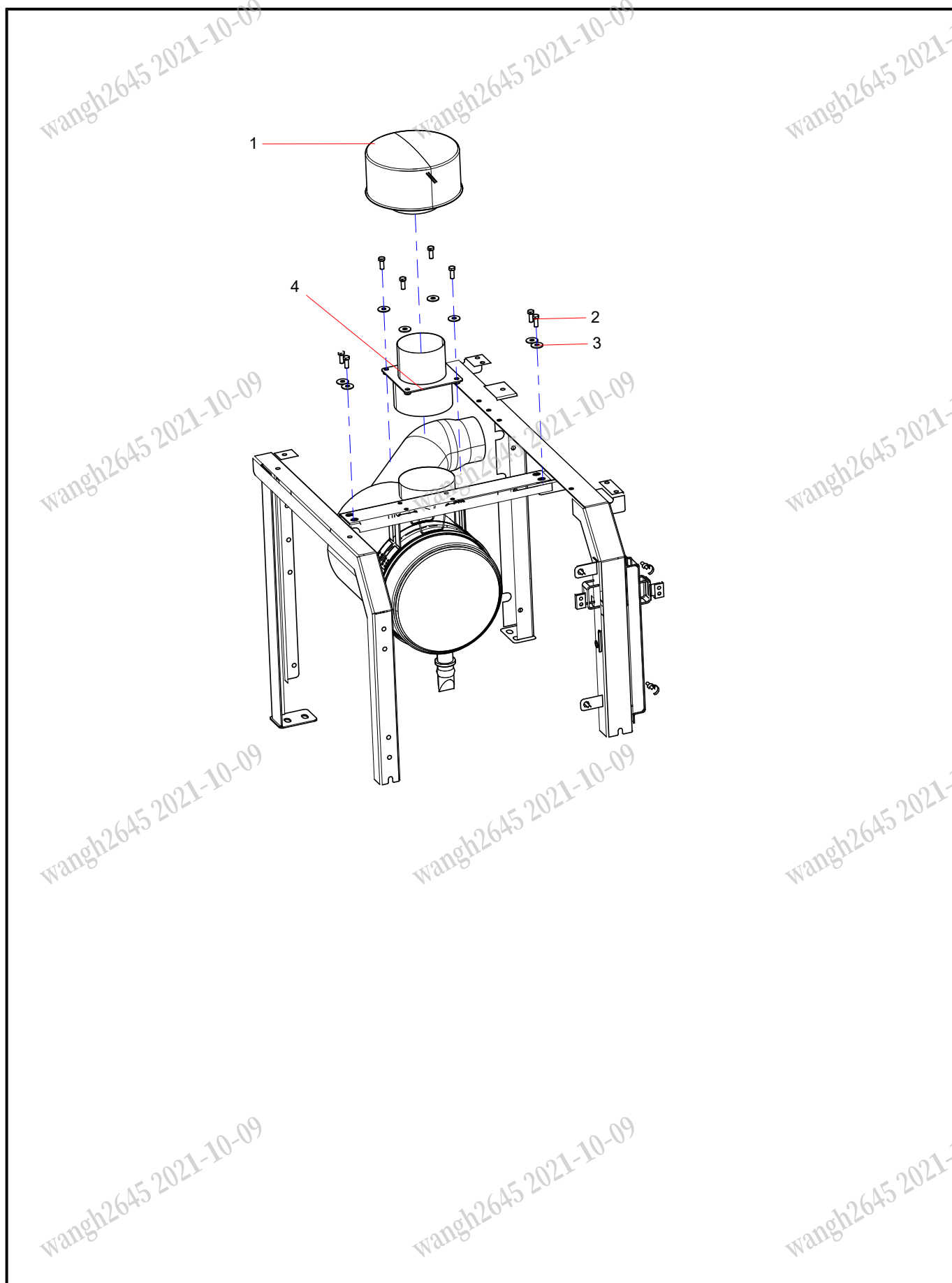
INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60125399	Air Filter	1	10-46
2	14113847	clamp assembly	2	
3	14113848	bracket	1	
4	A229900002262	Clamp, T-type	1	
5	13687843	front air intake	1	
6	A210111000295	Bolt	2	
7	24000637	Washer	6	
8	A210111000012	Bolt	4	

60125399 Air Filter



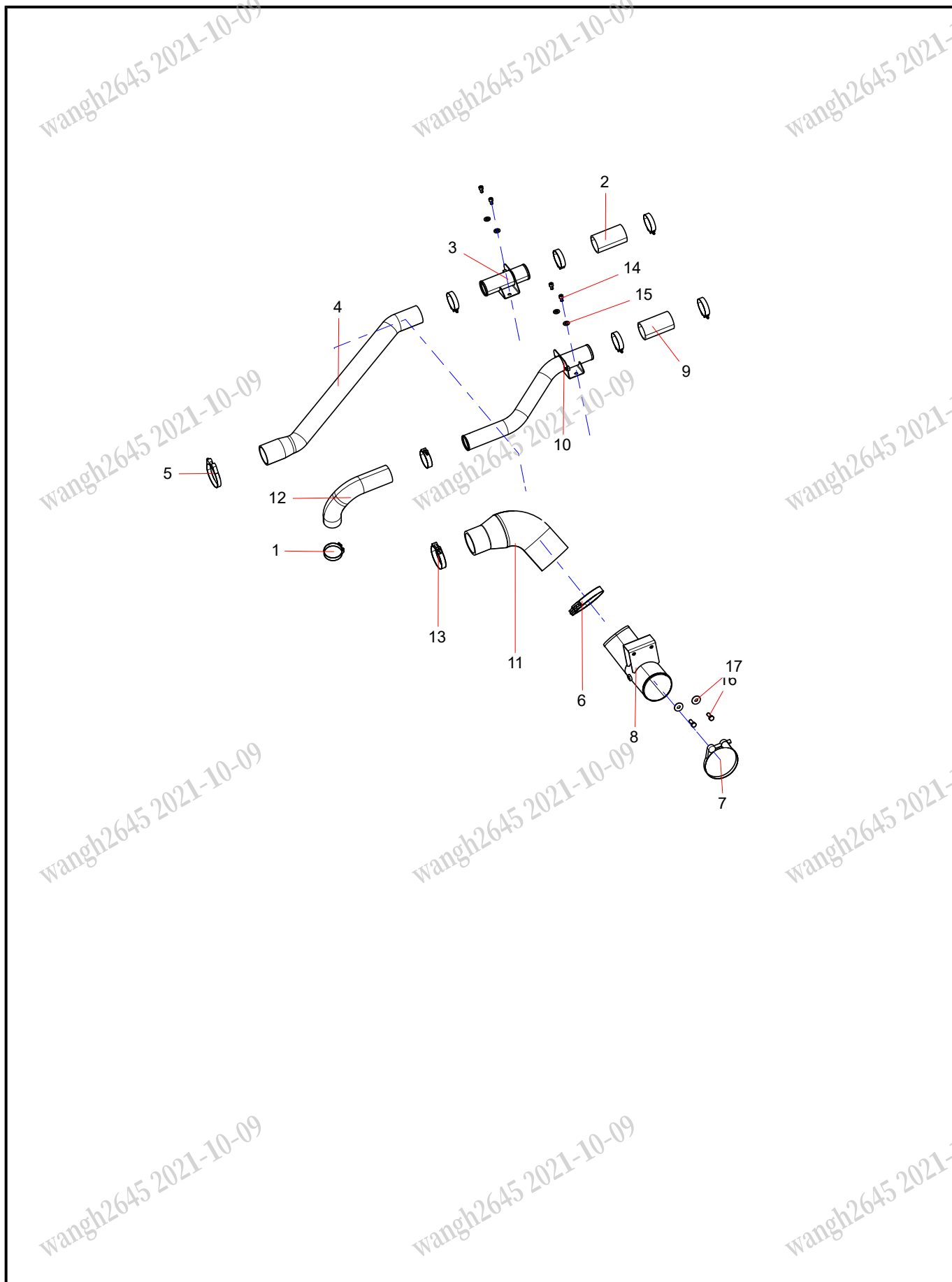
10-46 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	B222100000640	Air Filter Safety Filter Core	1	
2	B222100000641	Air Filter Main Filter Core	1	
3	60176285	O-ring	1	
4	60176264	Cover	1	
5	60176270	Valve Exhaust Dust	1	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	60344948	Air pre-filter	1	
2	A210111000202	Bolt	8	
3	60262511	Washer	8	
4	11856750	Air inlet connecting tube	1	

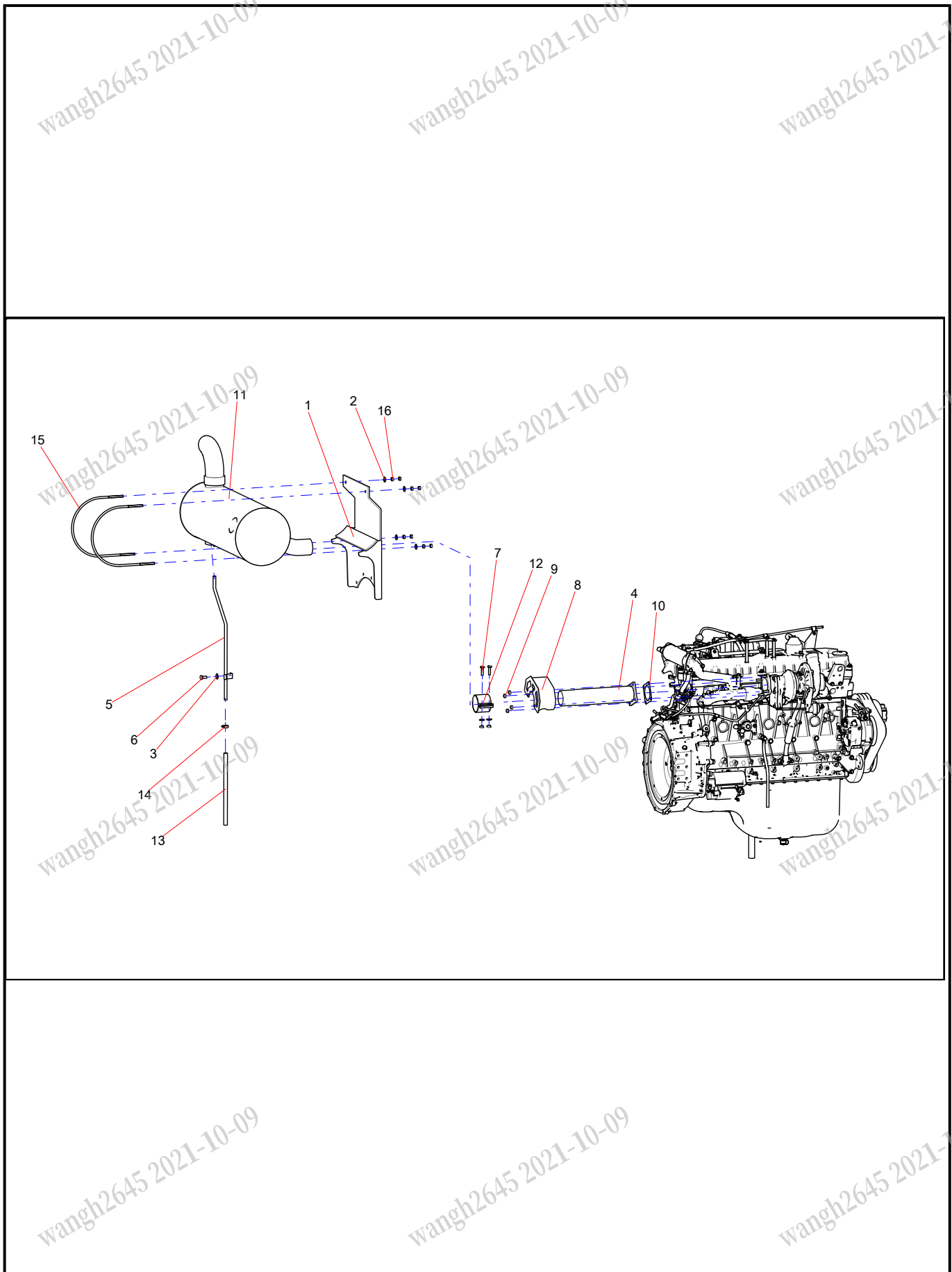
14158927 Inlet pipe connection



10-50 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	B229900001059	T-type Clamp	7	
2	13352516	Hose	1	
3	13472039	Intercooled steel tube	1	
4	13376268	Intercooled air-intake hose	1	
5	A229900001659	T-bolt Clamp	1	
6	A229900002220	Clamp, T-type	1	
7	A229900002734	Clamp, T-type	1	
8	14113851	Air intake steel tube	1	
9	13352524	Hose	1	
10	13472037	Inter-Cooler Intake Pipe	1	
11	13376266	rear air inlet rubber hose	1	
12	A820606030824	Intercooled air-intake hose	1	
13	A229900003759	T-type Clamp	1	
14	A210204000334	Screw	4	
15	A210491000120	Washer	4	
16	A210111000202	Bolt	2	
17	60060548	Washer	2	

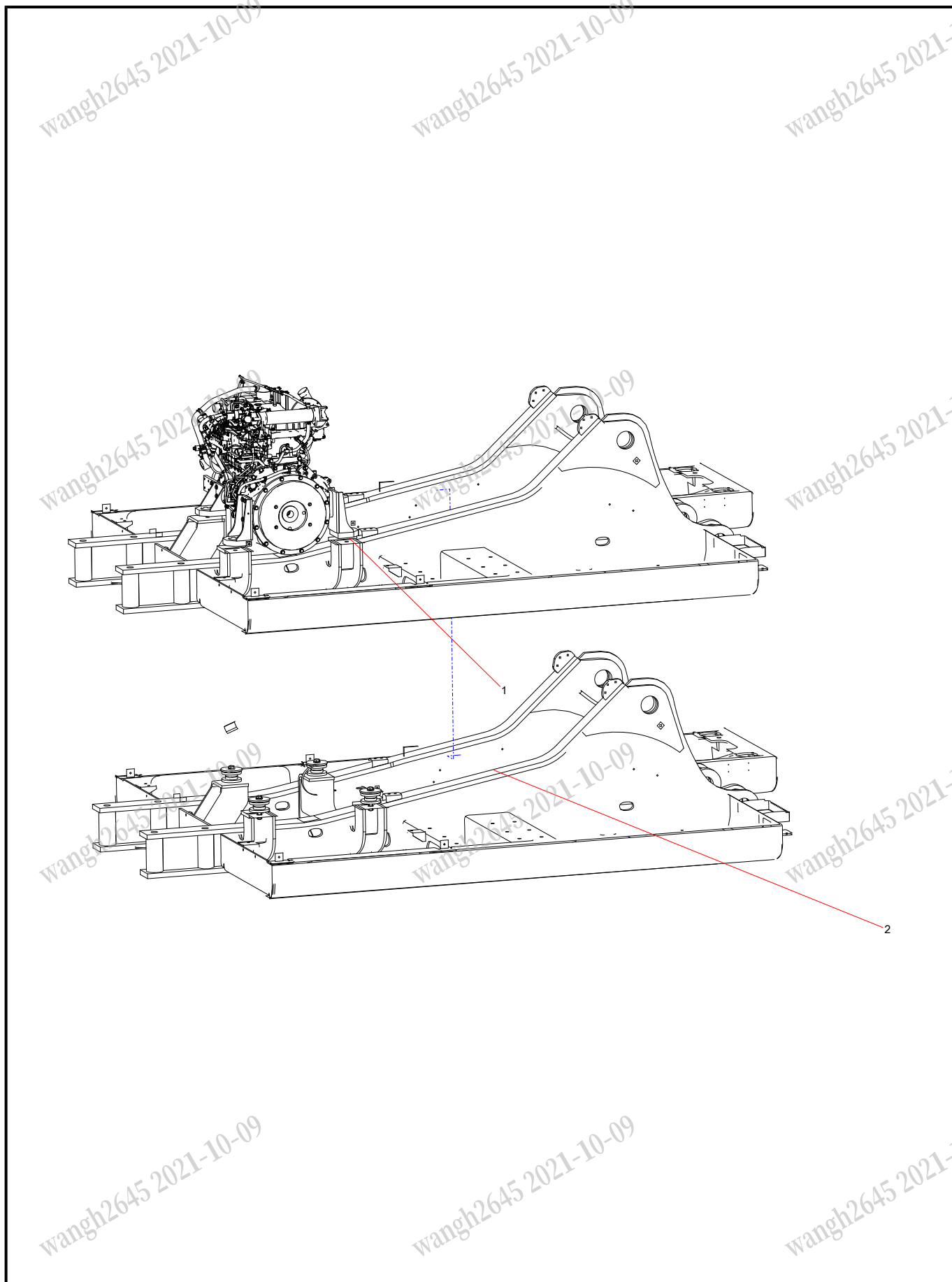
14158640 Exhaust system



10-52 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	14157357	Silencer Bracket	1	
2	A210491000120	Washer	6	
3	A210491000121	Washer	1	
4	14157570	exhaust pipe	1	
5	14116695	water tube	1	
6	A210111000101	Bolt	1	
7	21005186	Bolt	2	
8	A810102072198	Cover, Insulation	1	
9	A210346000007	Nut	4	
10	60101678	Washer	1	
11	60274102	muffler	1	
12	11761299	Anchor Ear	1	
13	14157492	Water Plastic Tube	1	
14	A229900001347	Hose Hoop	1	
15	14157568	U type anchor	2	
16	A210307000036	Nut	10	

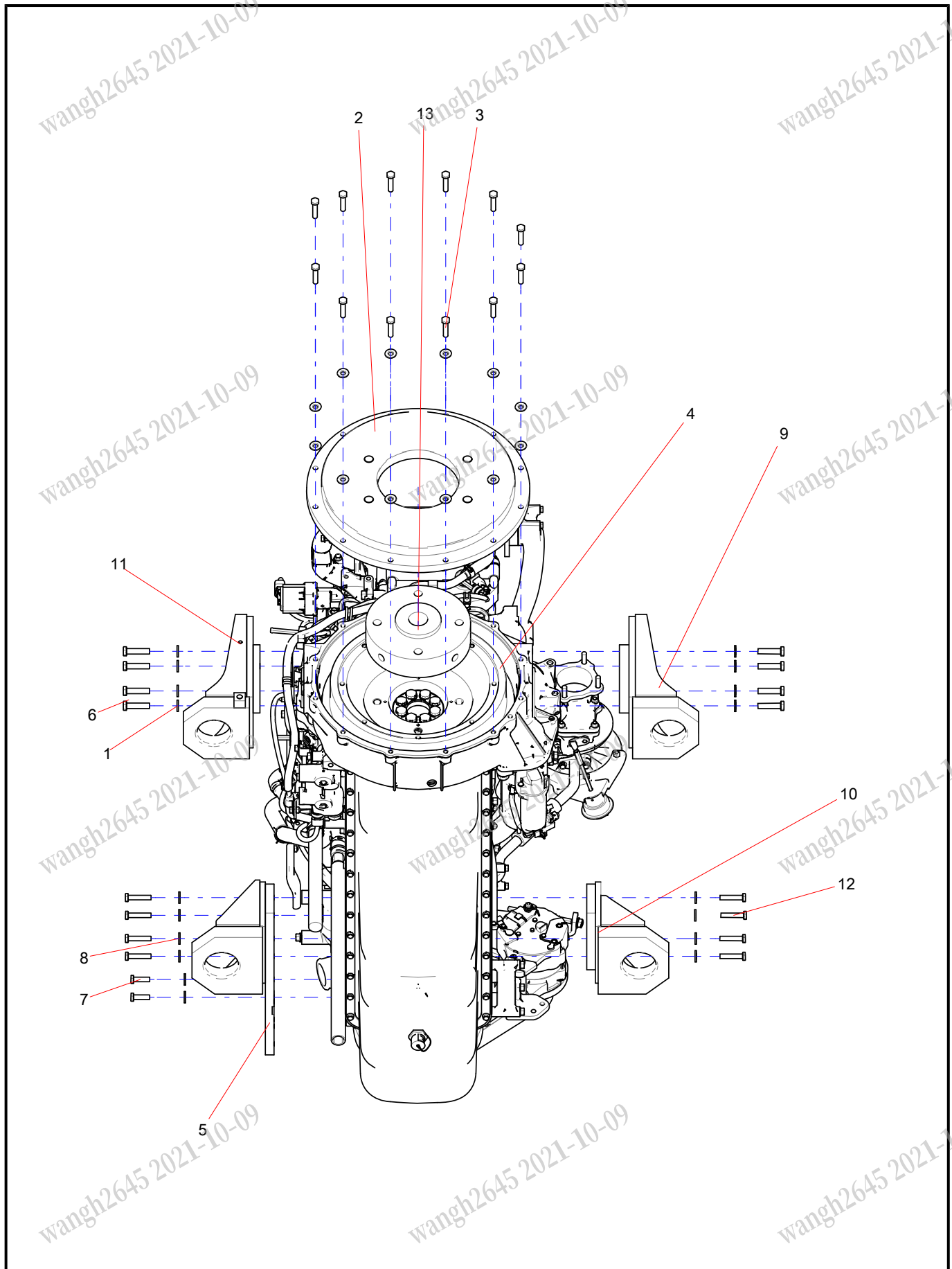
14158415 Damping and transmission system



10-54 Power system

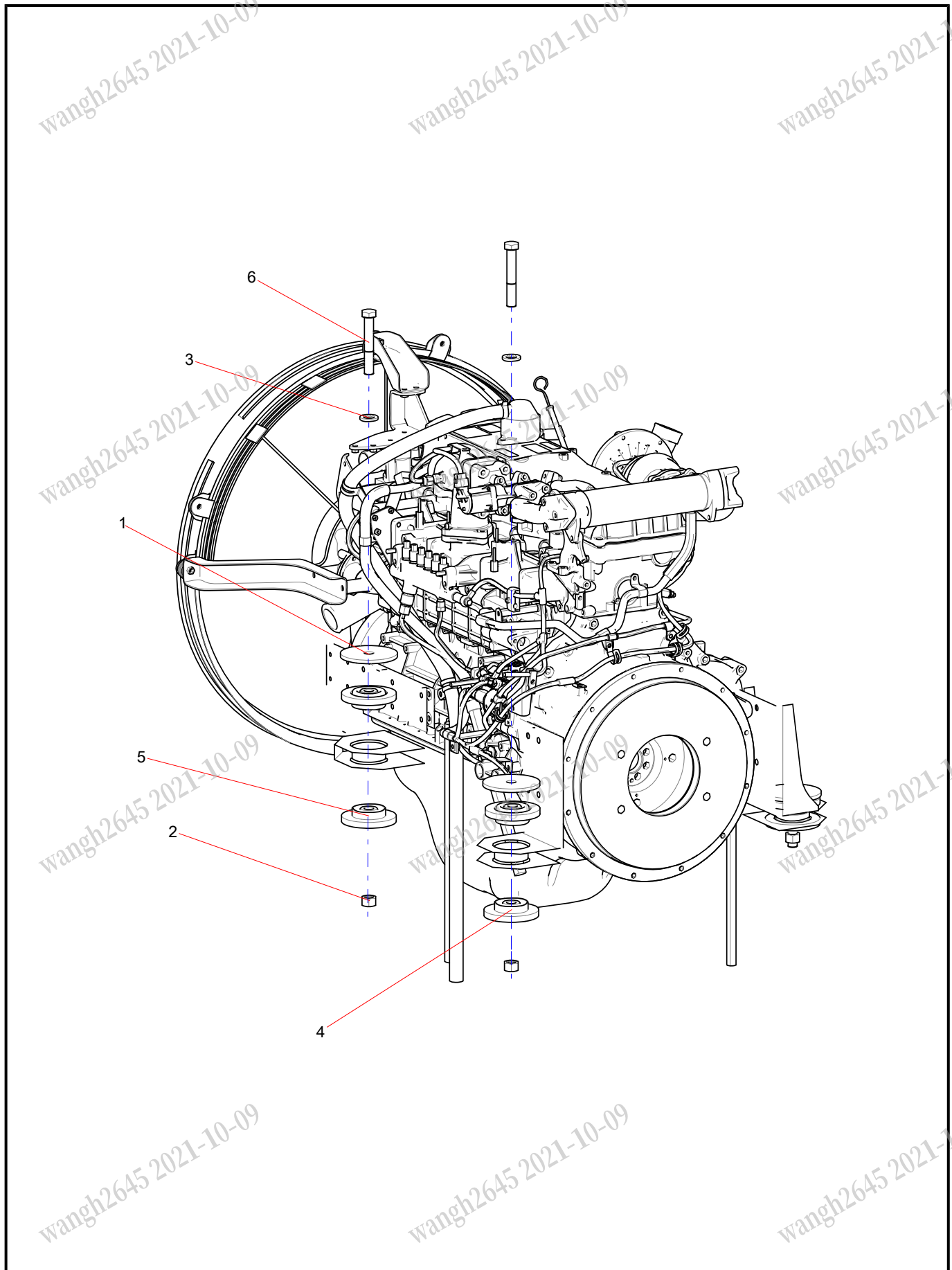
INDEX	PART NO.	DESCRIPTION	QTY	SEE PAGE
1	14158325	Engine subpackage assembly	1	10-56
2	14158327	Engine general assembly	1	10-58

14158325 Engine subpackage assembly

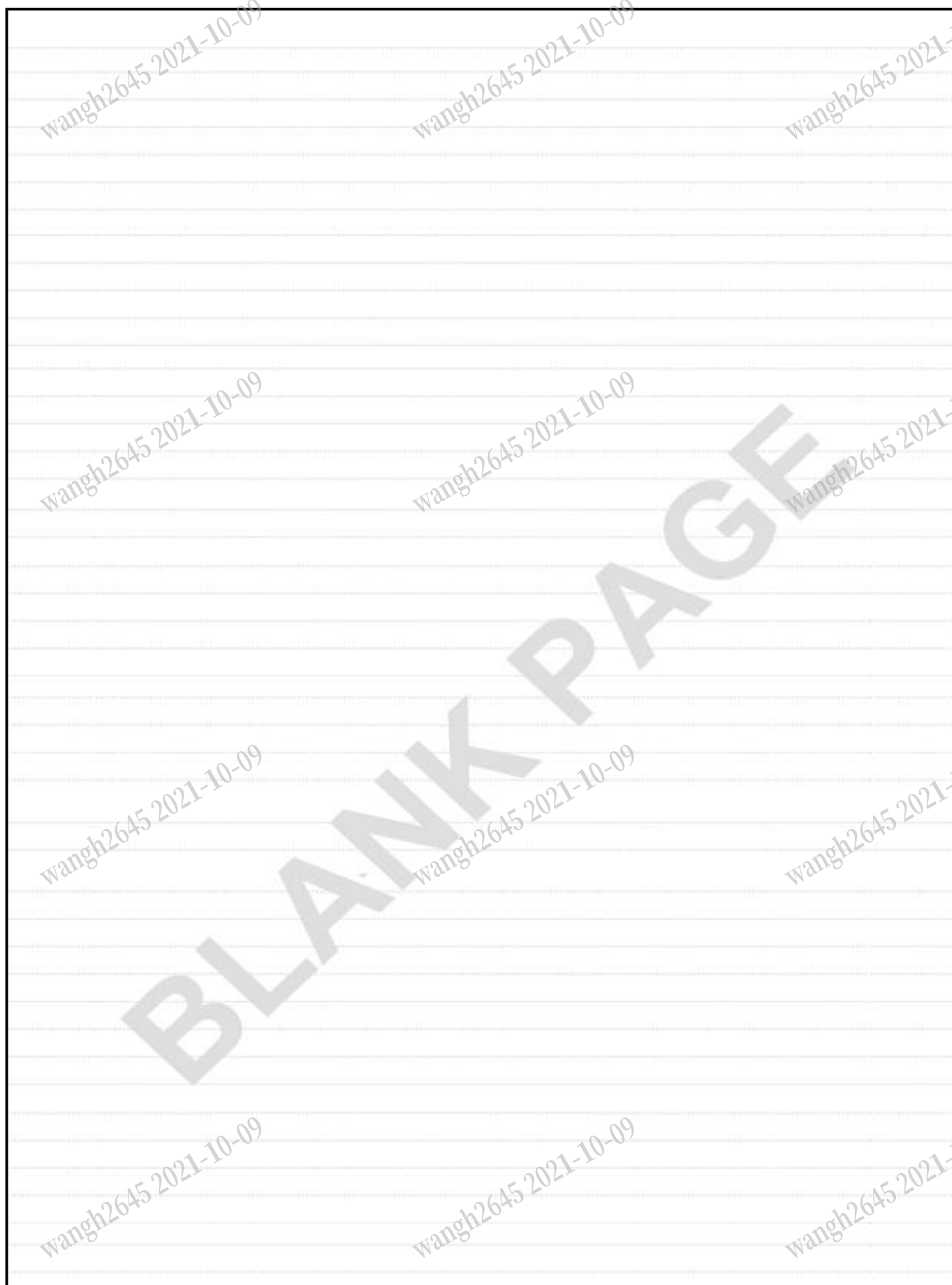


10-56 Power system

INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	A210491000121	Washer	8	
2	A820201001245	End Cover	1	
3	A210111000120	Bolt	12	
4	60238141	engine	1	
5	13557365	engine's supporting foot	1	
6	A210110000009	Bolt	8	
7	A210111000026	Bolt	2	
8	A210491000120	Washer	22	
9	13557376	engine's supporting foot	1	
10	13557369	engine's supporting foot	1	
11	14116690	engine's supporting foot	1	
12	A210111000029	Bolt	8	
13	60051280	Flanging coupling	1	



INDEX	PART NO	DESCRIPTION	QTY	SEE PAGE
1	13368955	Plain Pad	4	
2	A210307000029	Nut	4	
3	A210491000132	Washer	4	
4	60270802	rear damping pad	4	
5	60270801	front damping pad	4	
6	A210111000446	Bolt	4	



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10241175 Air Duct Connection Flange	4-7	11576464 Washer	6-19
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