

PARTS & SERVICE NEWS

REF NO. AA02025

DATE March 15, 2002

(C)

Page 1 of 21

SUBJECT: ECSS INFORMATION

PURPOSE: To release additional ECSS information.

APPLICATION: WA320-3MC Wheel Loader Serial Number A31001 and up
WA420-3MC Wheel Loader Serial Number A31001 and up

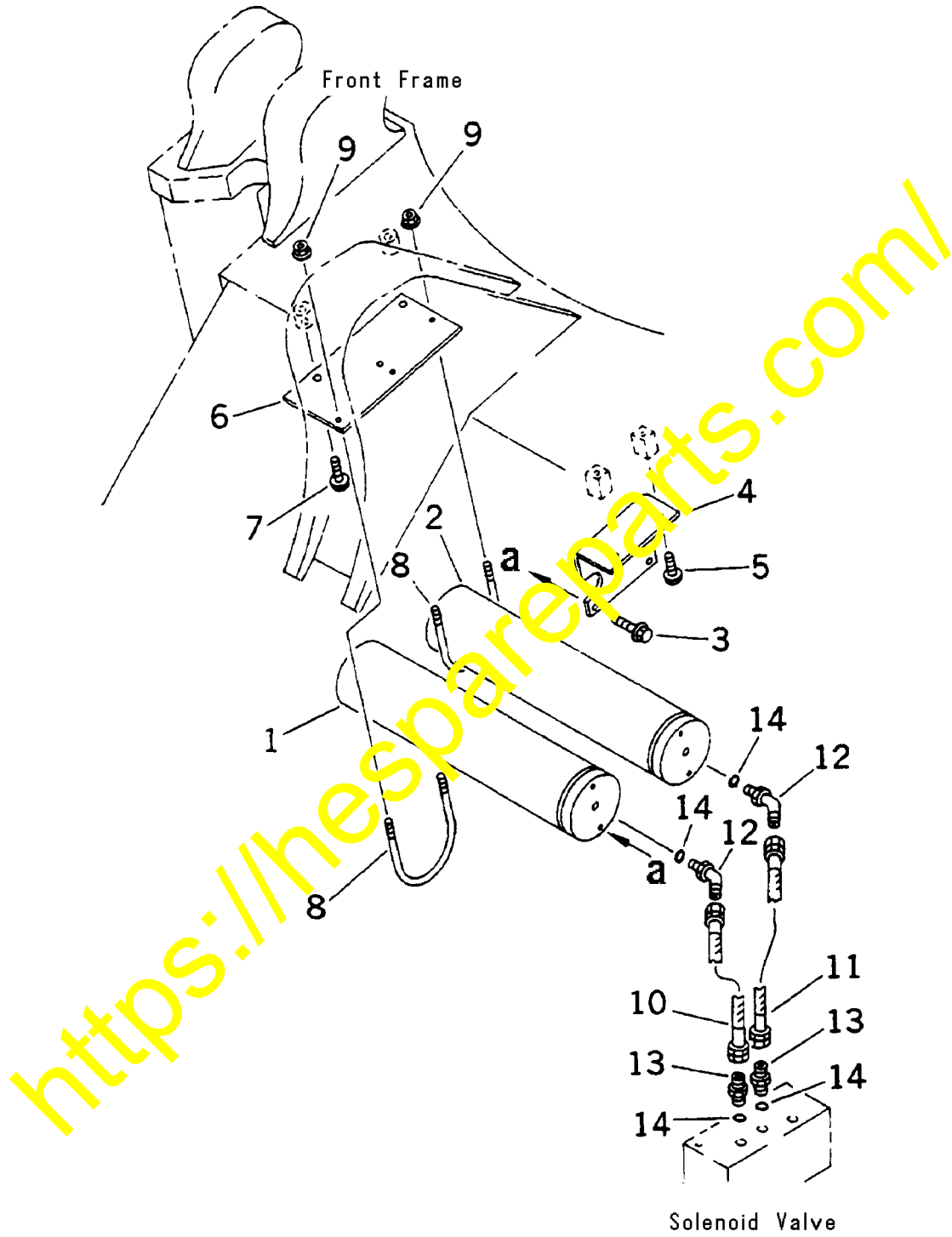
FAILURE CODE: 6BQ0Z9

DESCRIPTION:

The purpose of this Parts & Service News is to release additional ECSS information for installation and parts data.

<https://hespareparts.com/>

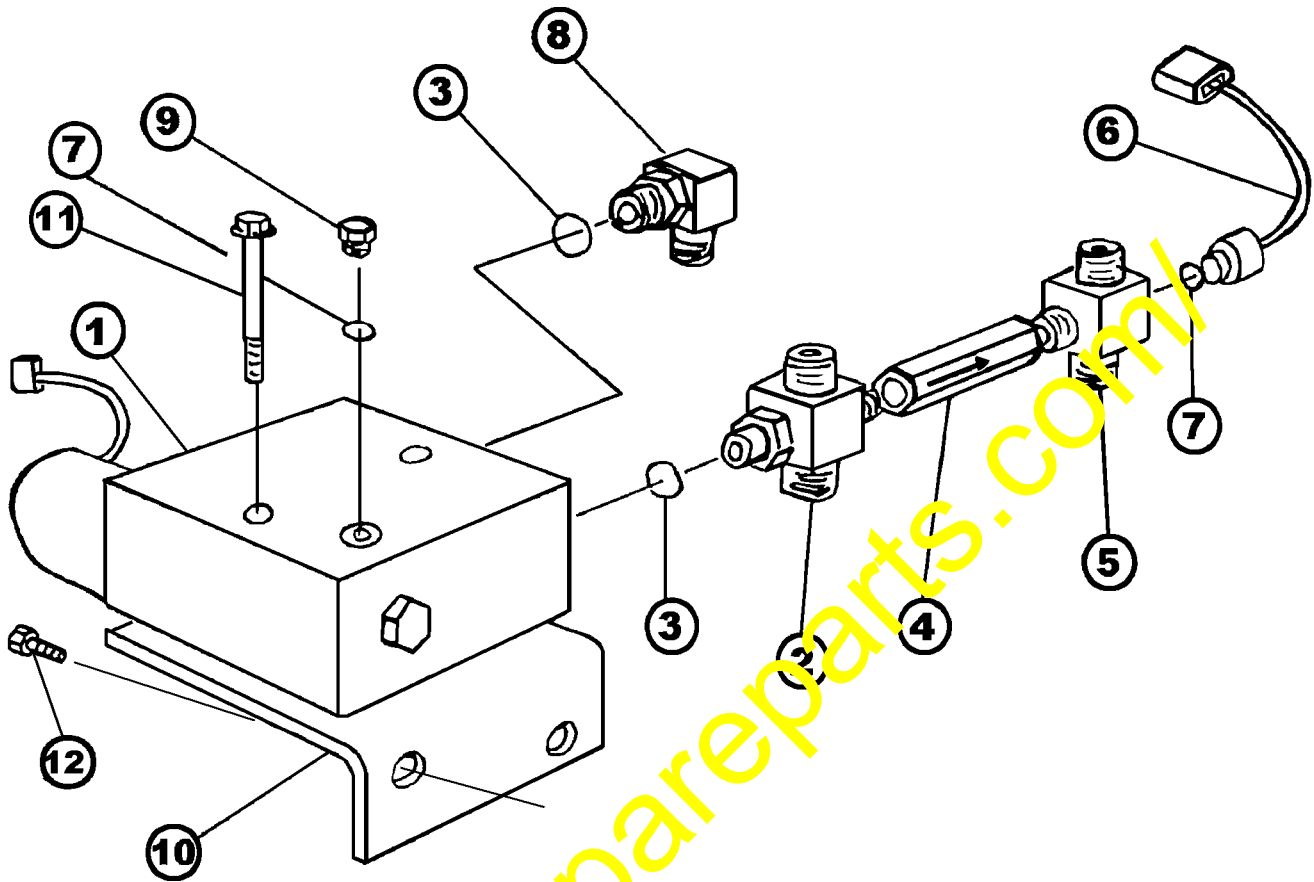
HYDRAULIC PIPING
ACCUMULATOR TO SOLENOID VALVE (E.C.S.S.)



L10AK054

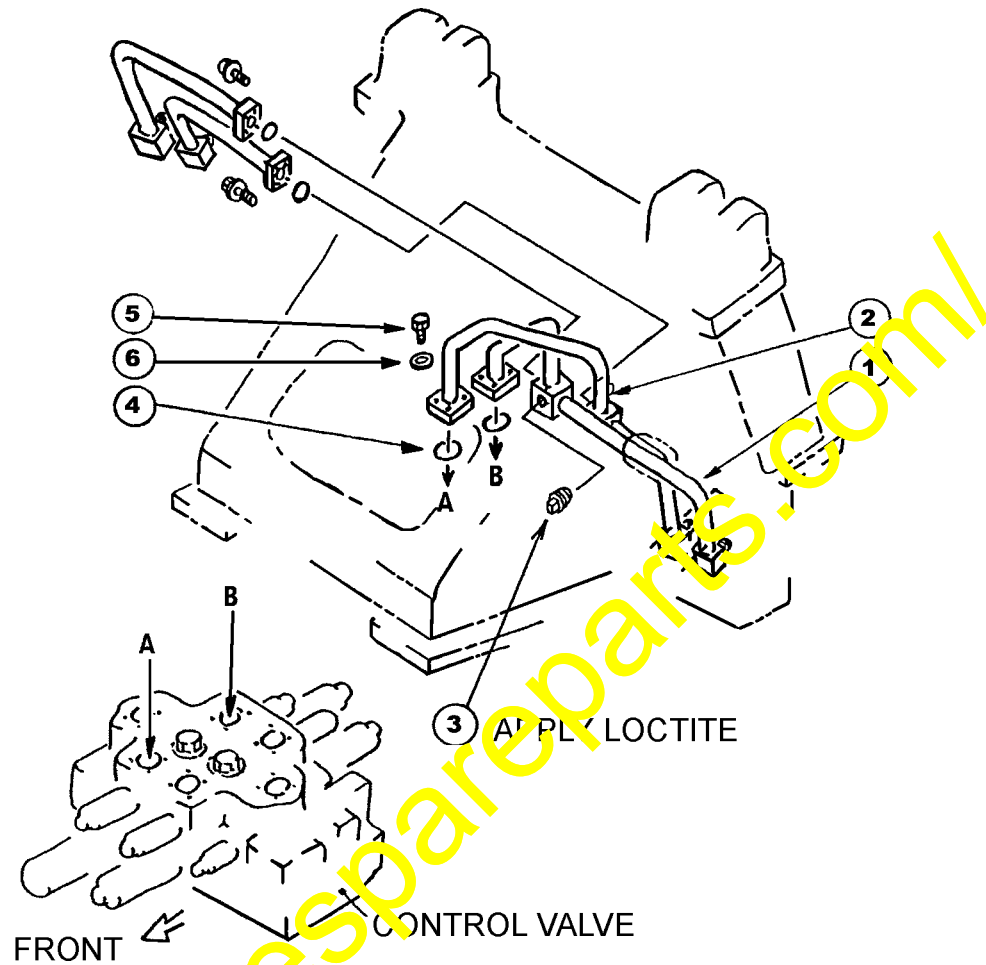
HYDRAULIC PIPING ACCUMULATOR TO SOLENOID VALVE (E.C.S.S.)			
Item	Part Number	Description	Qty
1	419-S99-A120	ACCUMULATOR ASSEMBLY	1
2	419-S99-A020	ACCUMULATOR ASSEMBLY	1
3	01435-01225	BOLT	4
4	419-S99-2220	PLATE	1
5	01435-01225	BOLT	2
6	419-S99-2211	PLATE	1
7	01435-01225	BOLT	2
8	417-S99-2240	CLIP	2
9	01594-01008	NUT	4
10	07123-00503	HOSE	1
11	07123-00504	HOSE	1
12	07236-10522	ELBOW	2
13	07230-20522	UNION	2
14	07002-12434	O-RING	4

**HYDRAULIC PIPING
ACCUMULATOR TO SOLENOID VALVE (E.C.S.S.)**



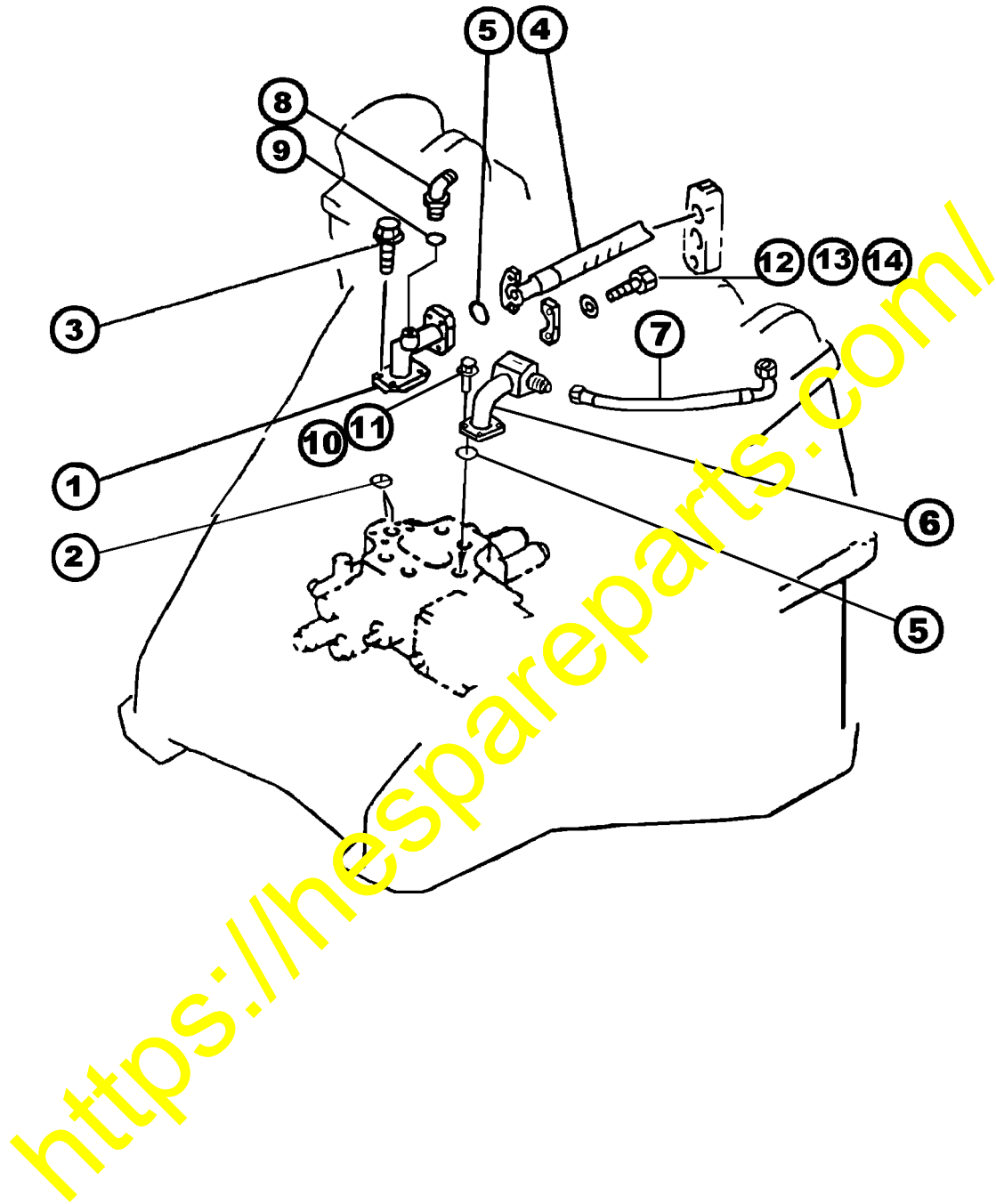
Item	Part Number	Description	Qty
1	425-S99-2111	VALVE	1
2	423-S99-2540	ADAPTER	1
3	07002-12634	O-RING	2
4	421-432-2951	VALVE	1
5	423-S99-2830	ADAPTER	1
6	421-S99-2191	SENSOR	1
7	07002-11423	O-RING	2
8	07235-10522	ELBOW	1
9	07040-11409	PLUG	1
10	419-S99-A170	BRACKET	1
11	01435-01290	BOLT	2
12	01435-01225	BOLT	2

HYDRAULIC PIPING LIFT CYLINDER LINE



Item	Part Number	Description	Qty
1	419-S99-2240	TUBE	1
2	419-S99-2230	TUBE	1
3	07372-2108	PLUG	1
4	07000-13035	O-RING	2
5	07372-21045	BOLT	8
6	01643-51032	WASHER	8

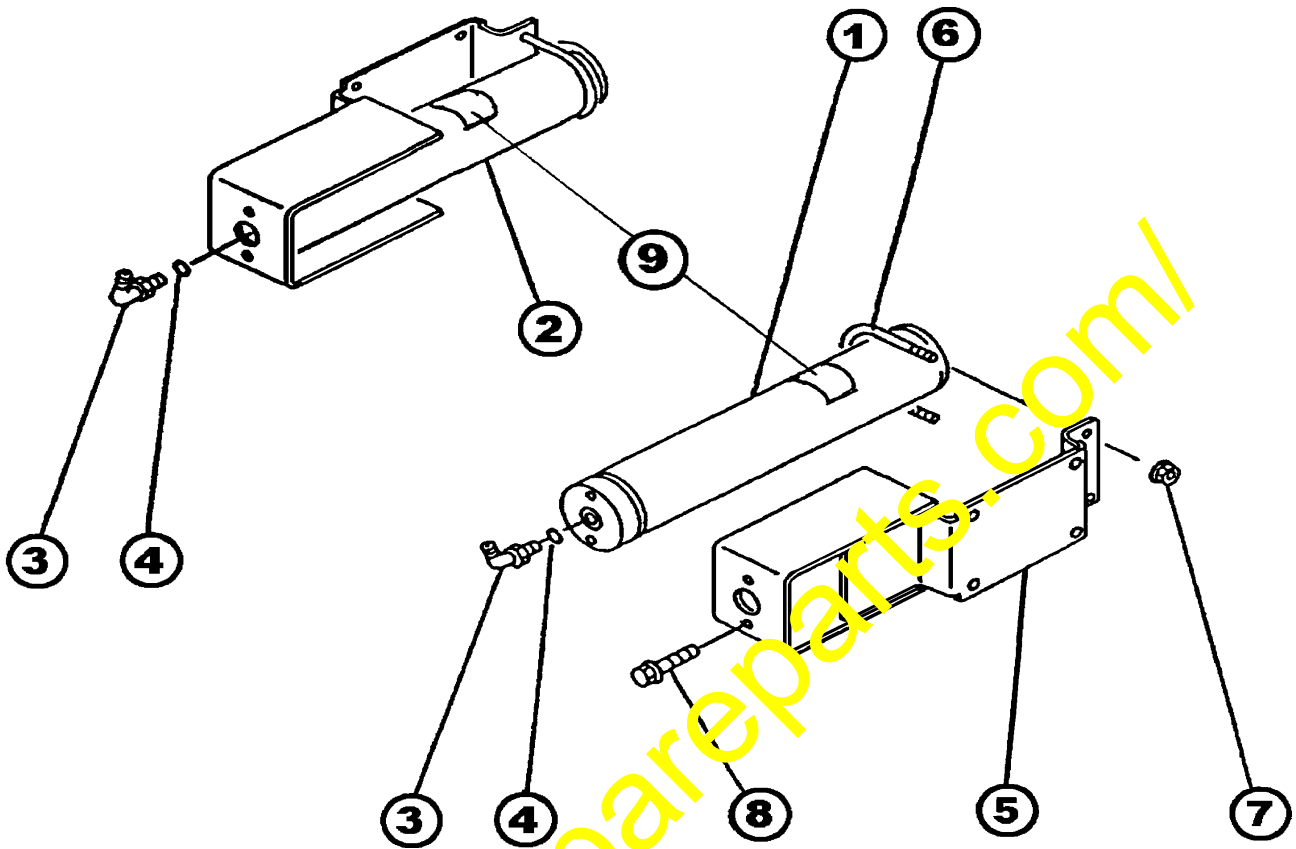
HYDRAULIC PIPING
DUMP CYLINDER LINE



HYDRAULIC PIPING DUMP CYLINDER LINE			
Item	Part Number	Description	Qty
1	419-S99-2250	TUBE	1
2	07000-53042	O-RING	1
3	01435-01030	BOLT	4
4	07296-01217	HOSE	1
5	07000-13038	O-RING	2
6	419-S99-2350	TUBE, CONNECTION	1
7	419-S99-A160	HOSE	1
8	07236-10522	ELBOW	1
9	07002-12434	O-RING	1
10	07372-21045	BOLT	4
11	01643-51032	WASHER	4
12	07371-31255	FLANGE, SPLIT	2
13	07372-21065	BOLT	4
14	01643-51032	WASHER	4

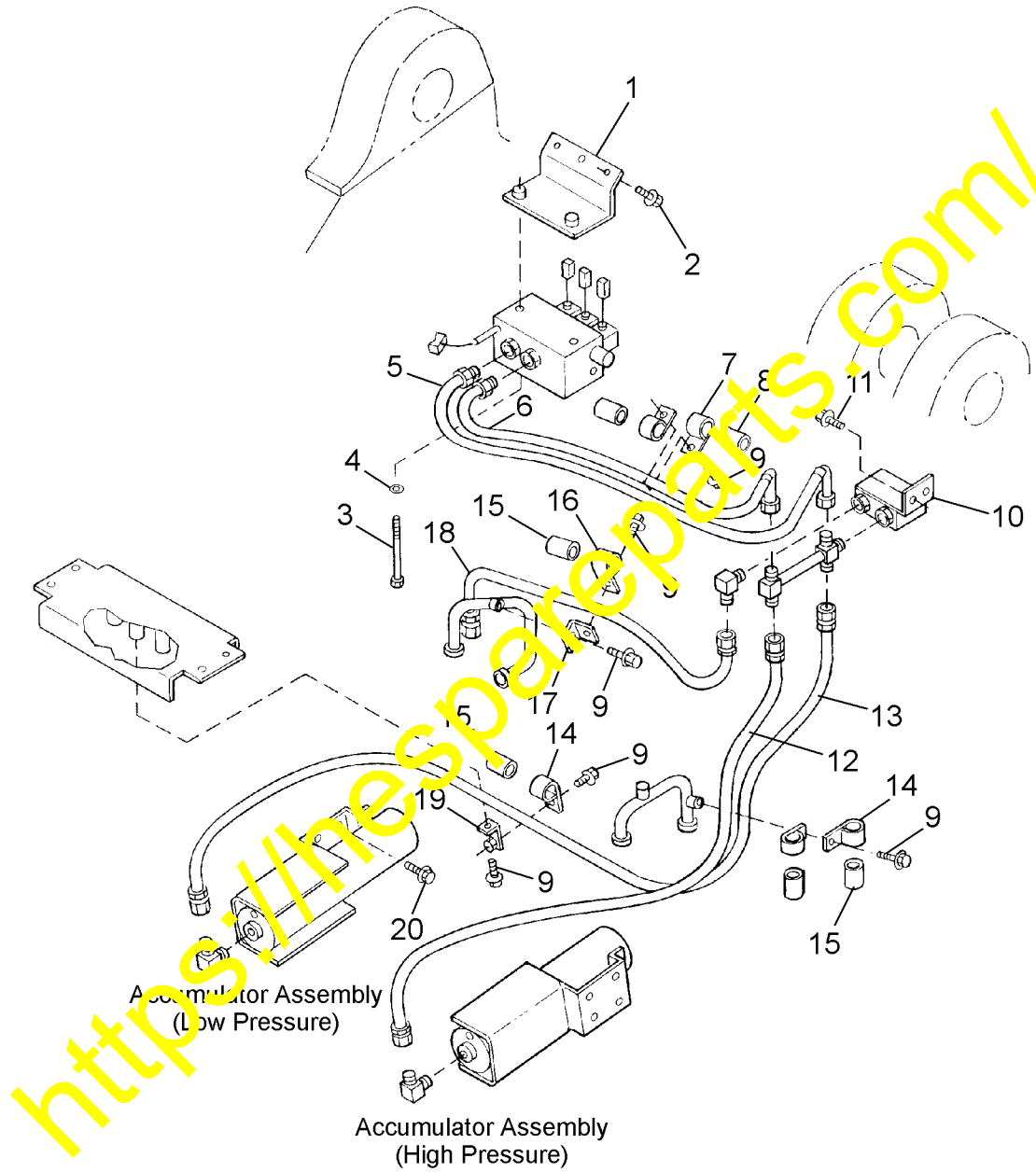
<https://hespareparts.com/>

HYDRAULIC PIPING ACCUMULATOR MOUNTING



Item	Part Number	Description	Qty
1	423-S99-A120	ACCUMULATOR	1
2	424-S99-A040	ACCUMULATOR	1
3	07235-10522	ELBOW	2
4	07003-12134	O-RING	2
5	423-S99-A140	BRACKET	2
6	417-S99-2240	U-BOLT	2
7	01594-01008	NUT	4
8	01435-01225	BOLT	4
9	09659-53000	DECAL	2

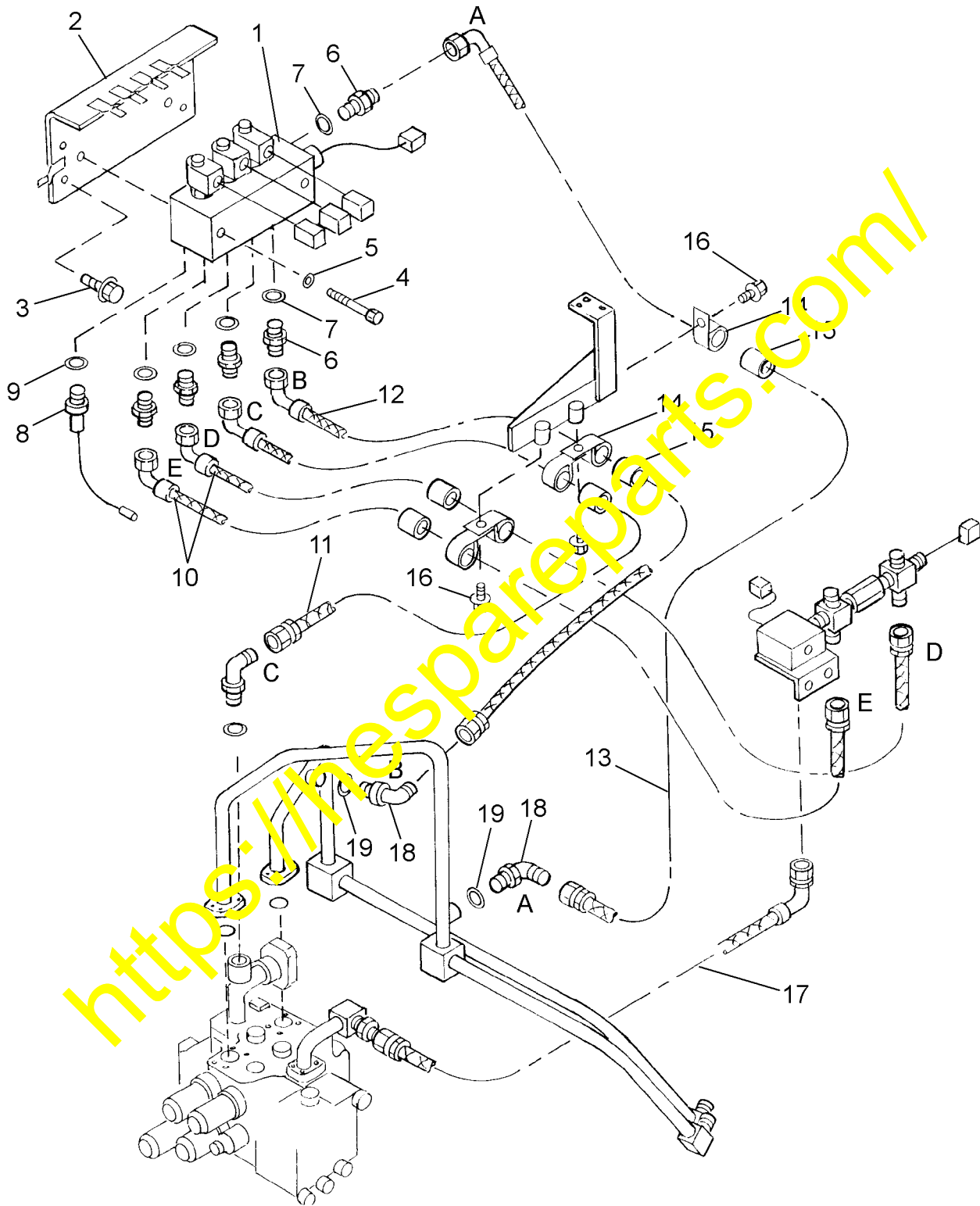
HYDRAULIC PIPING ACCUMULATOR TO SOLENOID VALVE (E.C.S.S.)



VLPB2719

HYDRAULIC PIPING ACCUMULATOR TO SOLENOID VALVE (E.C.S.S.)			
Item	Part Number	Description	Qty
1	423-S99-2810	BRACKET	1
2	01435-01225	BOLT	3
3	01011-81230	BOLT	2
4	01643-31232	WASHER	2
5	423-S99-2850	HOSE	1
6	421-S99-2740	HOSE	1
7	04434-53411	CLIP	2
8	07095-20627	PROTECTOR	2
9	01435-01016	BOLT	7
10	425-S99-2111	VALVE (FOR REFERENCE)	0
11	01435-01225	BOLT	2
12	07123-00509	HOSE, HIGH PRESSURE	1
13	07123-00512	HOSE, LOW PRESSURE	1
14	04434-53412	CLIP	3
15	07095-20627	PROTECTOR	3
16	04434-53411	CLIP	1
17	427-431-11370	SUPPORT	1
18	07123-00508	HOSE (FOR REFERENCE)	0
19	427-431-11370	SUPPORT	1

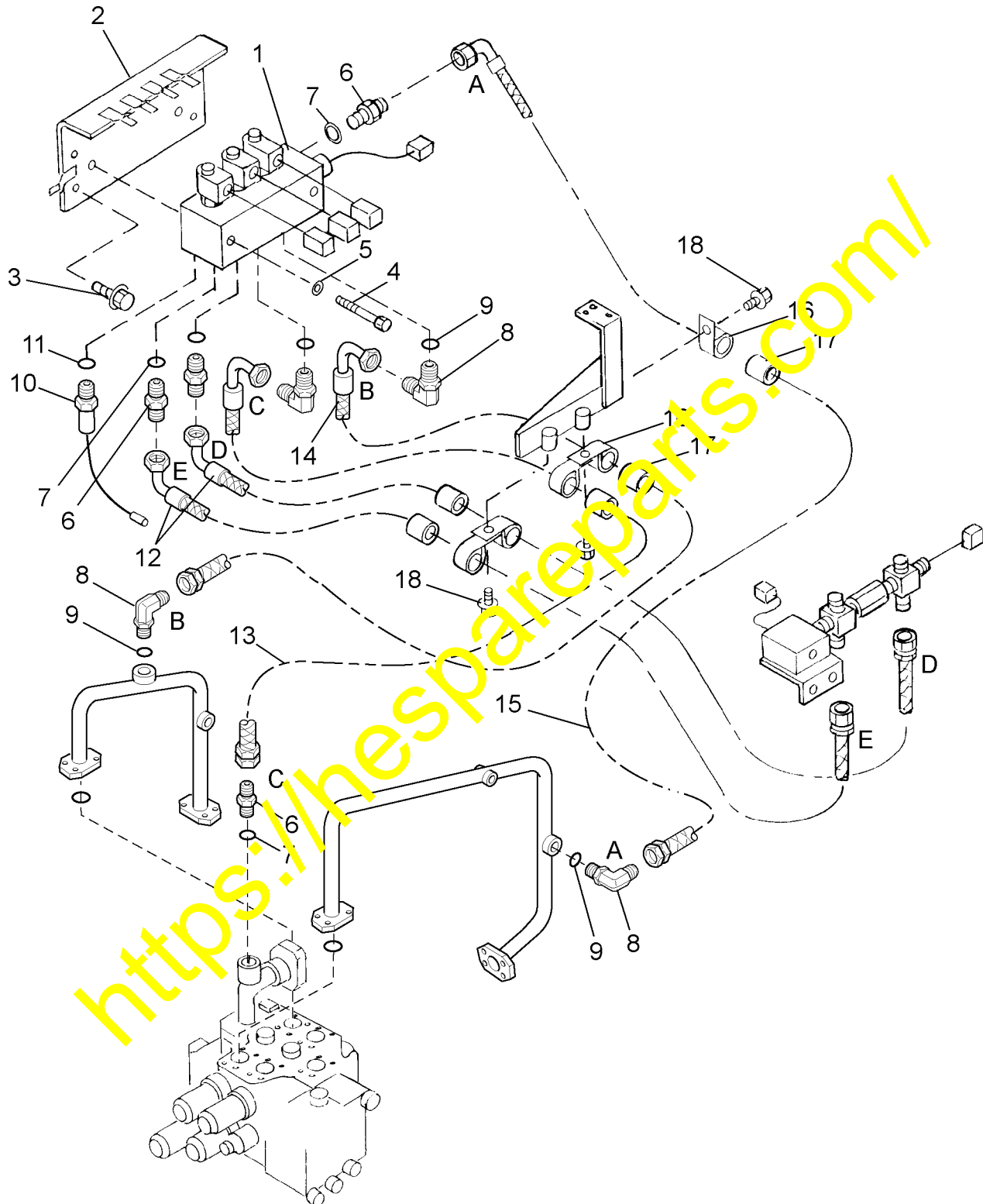
HYDRAULIC PIPING MAIN VALVE TO SOLENOID VALVE (WA320-3MC)



VLPB2720

HYDRAULIC PIPING MAIN VALVE TO SOLENOID VALVE (WA320-3MC)			
Item	Part Number	Description	Qty
1	421-S99-2480	VALVE	1
2	419-S99-2330	BRACKET	1
3	01435-01220	BOLT	4
4	01011-81230	BOLT	2
5	01643-31232	WASHER	2
6	07230-20522	CONNECTOR	5
7	07002-12434	O-RING	5
8	425-S99-2281	SENSOR	1
9	07002-11423	O-RING	1
10	419-S99-2370	HOSE	2
11	424-S99-2210	HOSE	1
12	419-S99-2380	HOSE (FOR REFERENCE)	0
13	419-S99-2370	HOSE	1
14	04434-53411	CLIP	5
15	07095-20627	PROTECTOR	5
16	01435-01016	BOLT	3
17	419-S99-A160	HOSE (FOR REFERENCE)	0
18	07236-10522	ELBOW	2
19	07002-12434	O-RING	2

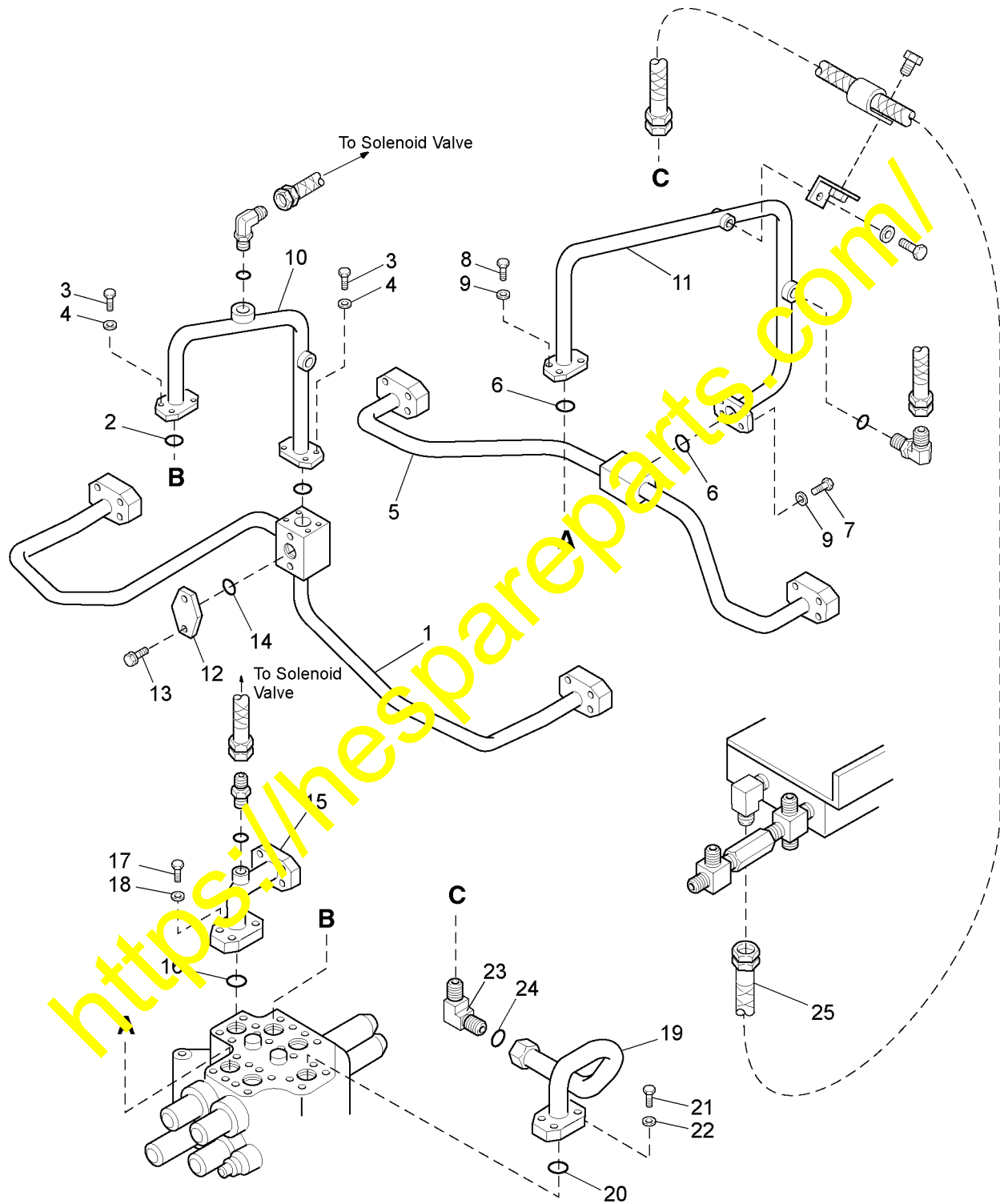
HYDRAULIC PIPING MAIN VALVE TO SOLENOID VALVE (WA420-3MC)



VLPB2721

HYDRAULIC PIPING MAIN VALVE TO SOLENOID VALVE (WA420-3MC)			
Item	Part Number	Description	Qty
1	421-S99-2480	VALVE	1
2	419-S99-2330	BRACKET	1
3	01435-01220	BOLT	4
4	01011-812303	BOLT	2
5	01643-31232	WASHER	2
6	07230-20522	CONNECTOR	4
7	07002-12434	O-RING	4
8	07235-10522	ELBOW	4
9	07002-12434	O-RING	4
10	425-S99-2281	SENSOR	1
11	07002-11423	O-RING	1
12	419-S99-2370	HOSE	2
13	424-S99-2210	HOSE	1
14	419-S99-2380	HOSE	1
15	419-S99-2370	HOSE	1
16	04434-53411	CLIP	5
17	07095-20627	PROTECTOR	5
18	01435-01016	BOLT	3

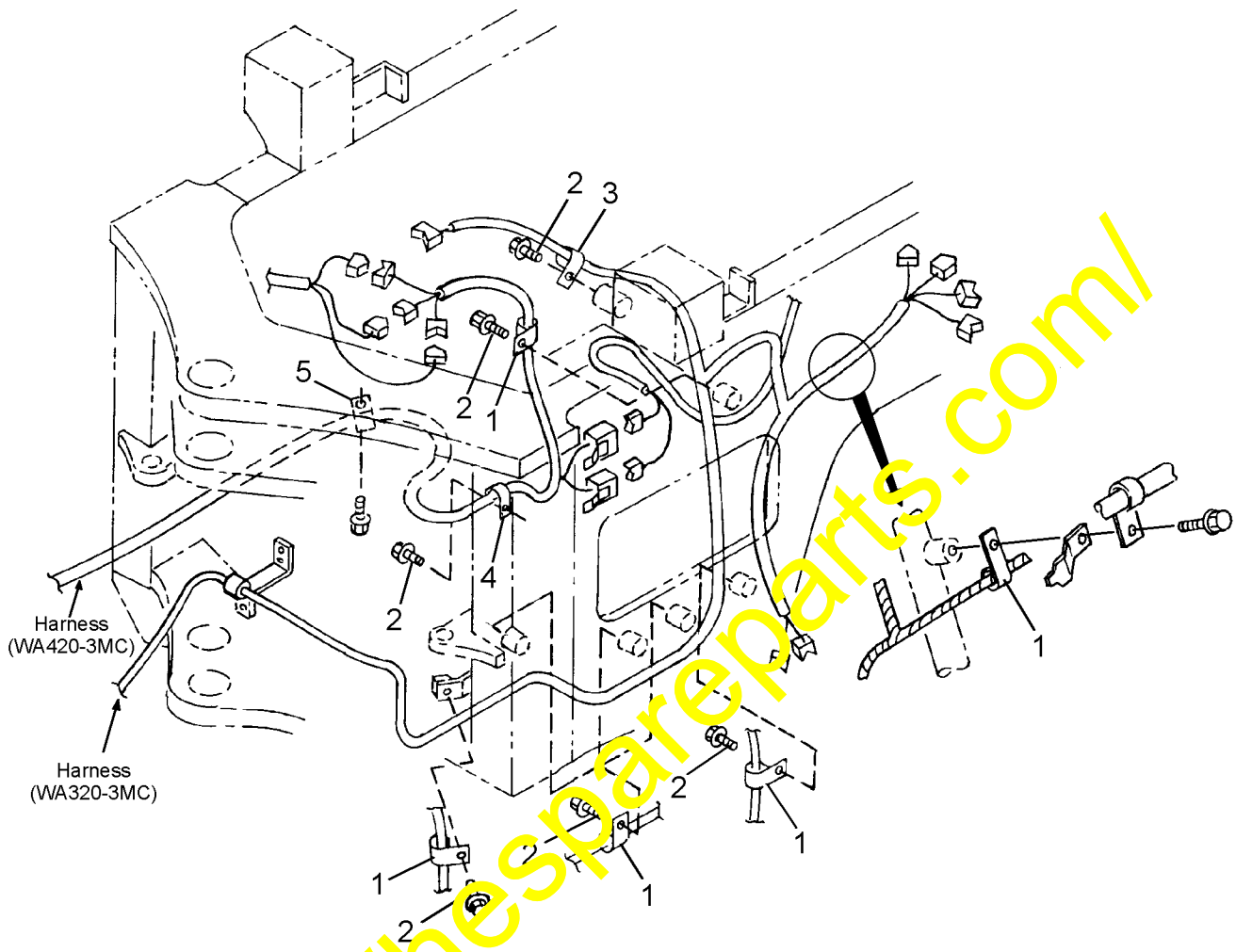
HYDRAULIC PIPING E.C.S.S. PIPING (WA420-3MC)



VLPB2731

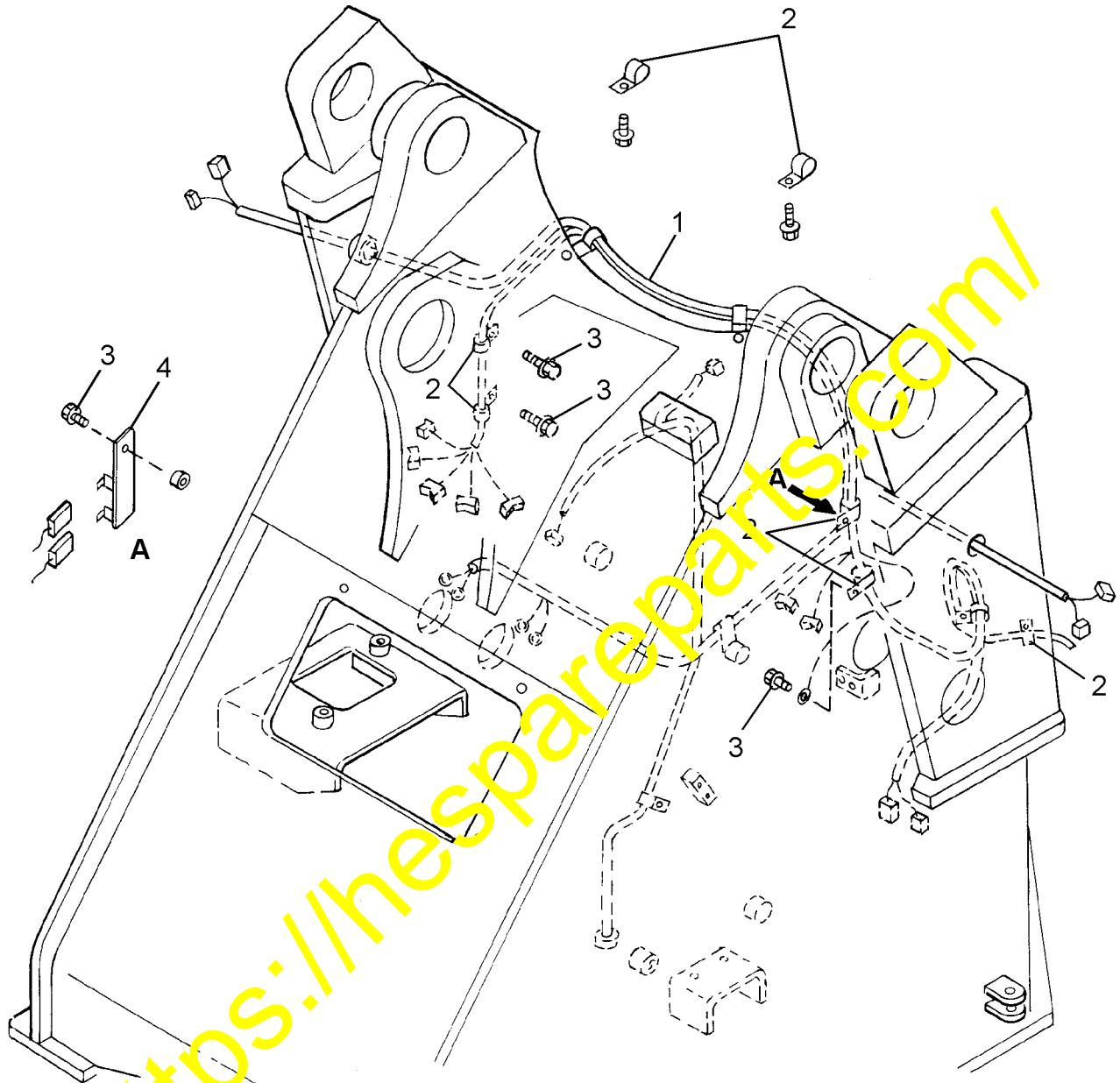
HYDRAULIC PIPING E.C.S.S. PIPING (WA420-3MC)			
Item	Part Number	Description	Qty
1	424-U94-2111	TUBE	1
2	07000-13035	O-RING	2
3	07372-21040	BOLT	8
4	01643-51032	WASHER	8
5	424-S99-2121	TUBE	1
6	07000-13035	O-RING	2
7	01010-81075	BOLT	4
8	07372-21035	BOLT	4
9	01643-51032	WASHER	8
10	423-S99-2230	TUBE	1
11	423-S99-2220	TUBE	1
12	423-T32-2160	PLATE	1
13	01435-00825	BOLT	2
14	07000-13030	O-RING	1
15	424-S99-2110	TUBE	1
16	07000-13035	O-RING	1
17	07372-21030	BOLT	4
18	01643-51032	WASHER	4
19	424-S99-2460	TUBE	1
20	07000-13038	O-RING	1
21	01010-81045	BOLT	4
22	01643-51032	WASHER	4
23	07235-10522	ELBOW	1
24	07002-12434	O-RING	1
25	07123-00508	HOSE	1

WIRING HARNESS MOUNTING



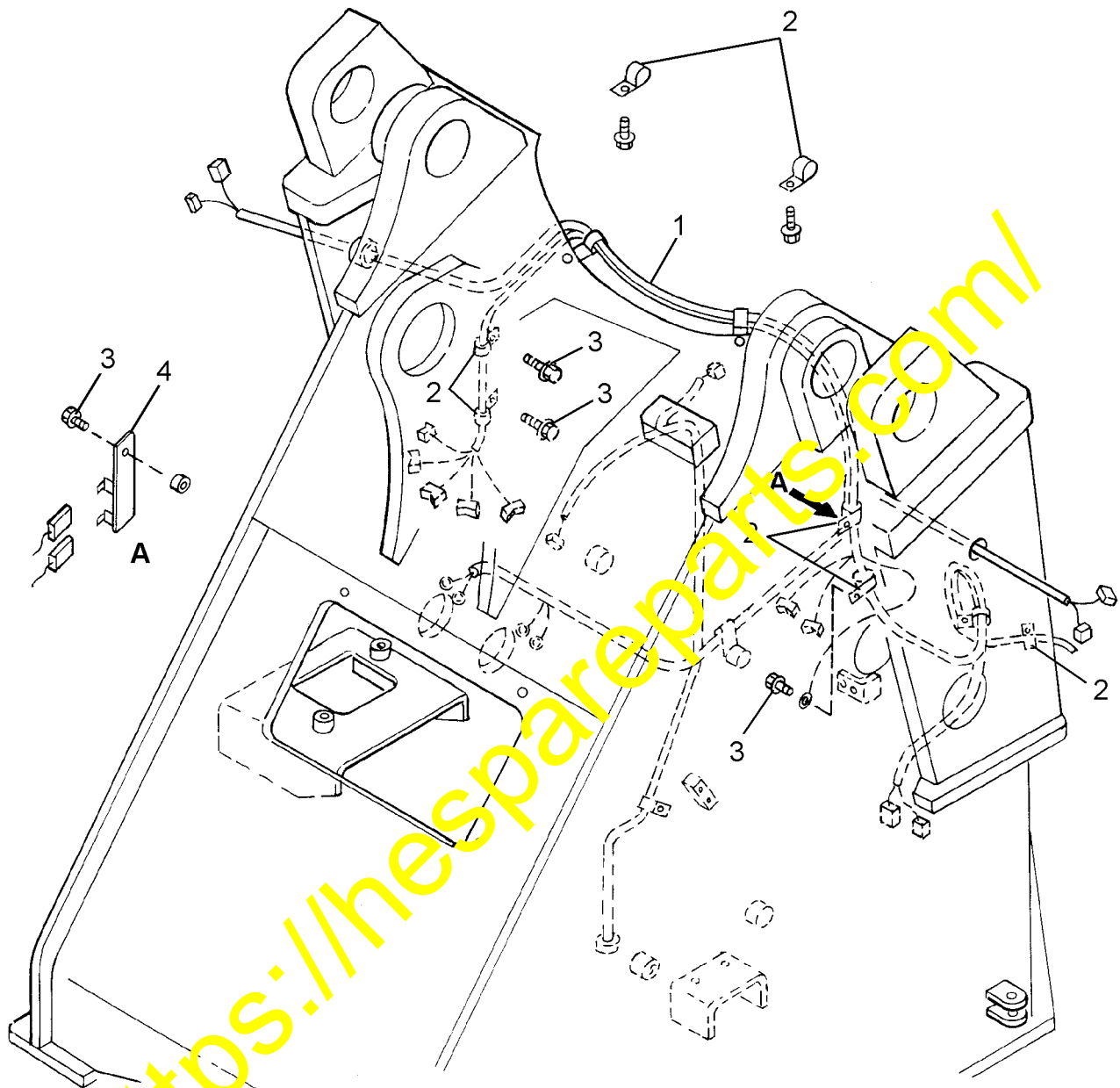
Item	Part Number	Description	Qty
1	08036-21314	CLIP	6
2	04435-91916	BOLT	7
3	04434-52110	CLIP	1
4	08036-21414	CLIP	1
5	04434-51910	CLIP	1

**WIRING HARNESS
MOUNTING (WA320-3MC)**



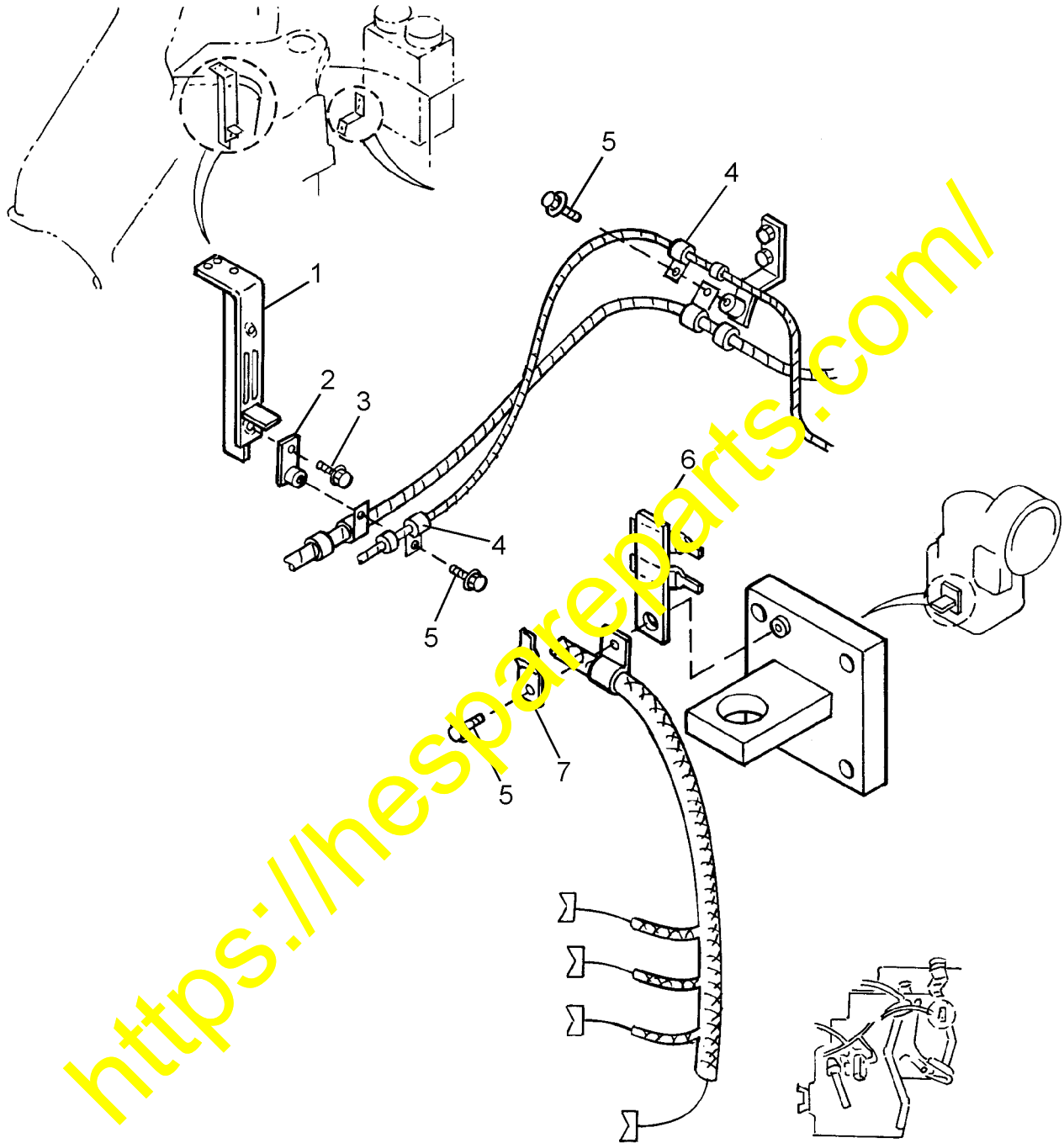
Item	Part Number	Description	Qty
1	419-S99-2450	HARNESS, WIRING	1
2	04434-52110	CLIP	7
3	01435-01016	BOLT	5
4	423-S99-2330	BRACKET	1

**WIRING HARNESS
MOUNTING (WA420-3MC)**



Item	Part Number	Description	Qty
1	424-S99-2470	HARNESS, WIRING	1
2	08036-21414	CLIP	7
3	01435-01016	BOLT	5
4	423-S99-2330	BRACKET	1

WIRING HARNESS MOUNTING



VLPB2718

WIRING HARNESS MOUNTING			
Item	Part Number	Description	Qty
1	419-S99-2440	BRACKET	1
2	426-061-1570	BRACKET	1
3	01435-01020	BOLT	1
4	08036-02514	CLIP	2
5	01435-01016	BOLT	3
6	419-062-22610	BRACKET	1
7	08053-01510	CLIP	1

<https://hespareparts.com/>