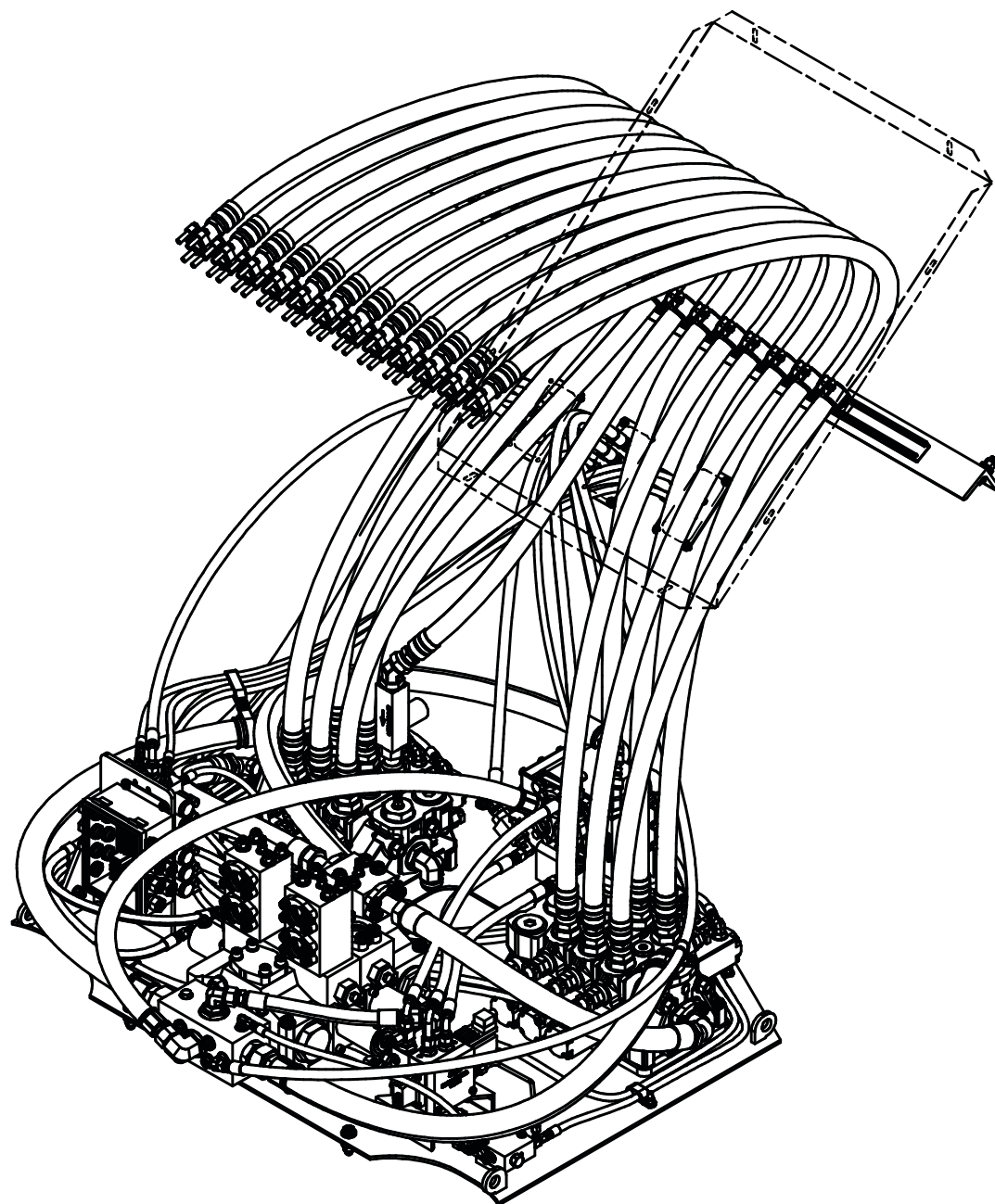


Valve Module



Valve Module

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
596995 Valve Module							
1	*a 250637	1	. Hoist and Tilt Valve	56	224120W	12	. Capscrew
2	*a 234082	1	. Steering Flow Amplifier	57	R13811077	6	. Capscrew
3	*a 596996	1	. Control Valve	58	221763W	30	. Washer
4	209488	4	. Fitting	59	224774	1	. Fitting
5	212717	1	. Fitting	60	212705	1	. Fitting
6	*a 593879	1	. Valve, Control	61	209483	1	. Fitting
	240402	1	. Seal Kit	62	589360	1	. Plate, Mounting
7	209486	3	. Fitting	63	R13811089	7	. Capscrew
8	580018	1	. Manifold	64	221771W	34	. Washer
9	579836	1	. Plate, Mounting	65	2314959	2	. Fitting
10	223784	13	. Fitting	66	214316	2	. Fitting
11	*a 597243	1	. Control Valve	67	Y73G-0816	4	. Capscrew
12	R13811059	6	. Capscrew	68	R13811083	4	. Capscrew
13	*a 581812	1	. Manifold Assembly	69	2531130	2	. Fitting
14	209714	1	. Fitting	70	11740	10	. Kit, Split Flange
15	595627	2	. Manifold, Hoist		203446	1	. O-Ring
16	580019	1	. Plate, Flange	71	R13808116	1	. Clip, Insulated
17	597239	1	. Manifold	73	11767	5	. Kit, Split Flange
18	209423	1	. Fitting		203516	1	. O-Ring
19	597240	1	. Manifold	74	245031	2	. Shuttle Valve
20	203519	2	. O-Ring	82	224780	1	. Fitting
21	209167	1	. Fitting	88	203516	4	. O-Ring
22	R14040	5	. Coupler, Male	99	570442	1	. Clamp/Channel Weldment
23	253921	2	. Fitting	100	248284	4	. Fitting
24	251443	2	. Fitting	101	231248	12	. Clamp
25	598855	2	. Fitting	106	*a 581058	1	. Manifold Assembly
26	R13811054	3	. Capscrew	107	R13810989	4	. Capscrew
27	R833217	2	. Fitting	108	*a 590976	1	. Junction Box Assembly
28	R13811432	9	. Hard Washer	109	R13811020	3	. Capscrew
29	R833133	12	. Fitting	110	R13802914	6	. Washer
30	059-0042	6	. Fitting	111	223929	2	. Fitting
31	223003	2	. Fitting	112	236825	2	. Fitting
33	R14398	4	. Fitting	125	*b 242595	20	. Cable Tie, Red
34	592266	1	. Fitting	126	*b 242596	20	. Cable Tie, Orange
35	R2528352	4	. Clip, Insulated	127	*b 242594	30	. Cable Tie, Brown
36	210709	2	. Fitting	128	*b 242598	20	. Cable Tie, Green
37	581816	1	. Tube Assembly	129	*b 242600	20	. Cable Tie, Purple
38	209806	2	. Fitting	130	*b 242601	2	. Cable Tie, Blue
39	253326	1	. Coupler	133	221767W	15	. Washer
40	R15202	2	. Fitting	134	R13803047	1	. Clip, Insulated
41	29183	1	. Fitting	135	209700	3	. Clamp
42	16463W	4	. Fitting	136	221497W	3	. Capscrew
43	244890	1	. Fitting	139	212762	1	. Fitting
44	13525	1	. Fitting	142	587669	1	. Plate, Mounting
45	R13801791	3	. Capscrew	143	16463W	1	. Fitting
46	581817	2	. Tube Assembly	148	591693	2	. Flow Control Valve
47	R13810996	2	. Capscrew	150	509197	1	. Fitting
48	596992	1	. Valve Plate	151	209490	2	. Fitting
49	11759	15	. Kit, Split Flange	152	R13808119	2	. Clip, Insulated
	203443	1	. O-Ring	153	211550	1	. Fitting
50	227468	2	. Fitting	154	209805	1	. Fitting
51	218666	1	. Fitting	156	R13811193	17	. Nut, Esna
52	R330325	1	. Coupler, Male	157	596270-8.50	8	. Rod, Thread
53	2519636	9	. Fitting	160	R13811191	10	. Locknut
54	223783	1	. Fitting	161	Y17C-0624	2	. Capscrew
55	209696	4	. Clamp	162	R13811189	12	. Locknut

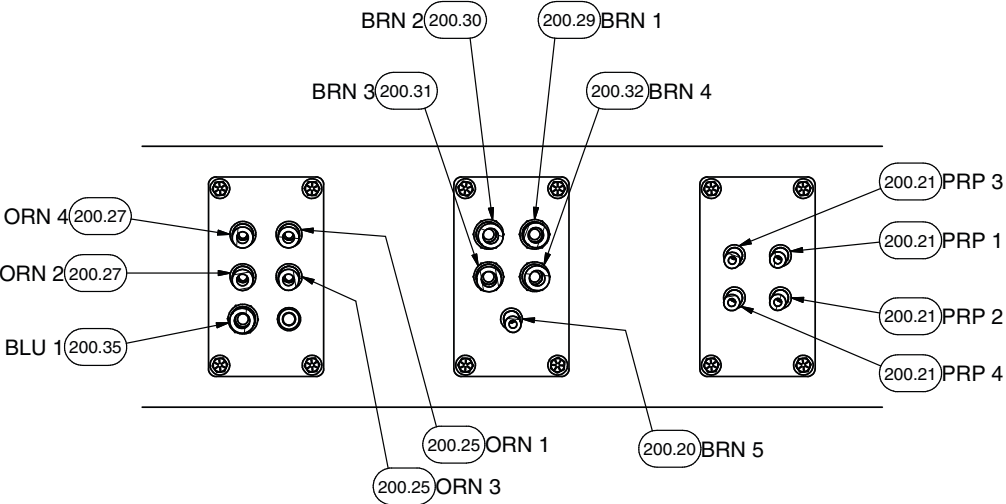
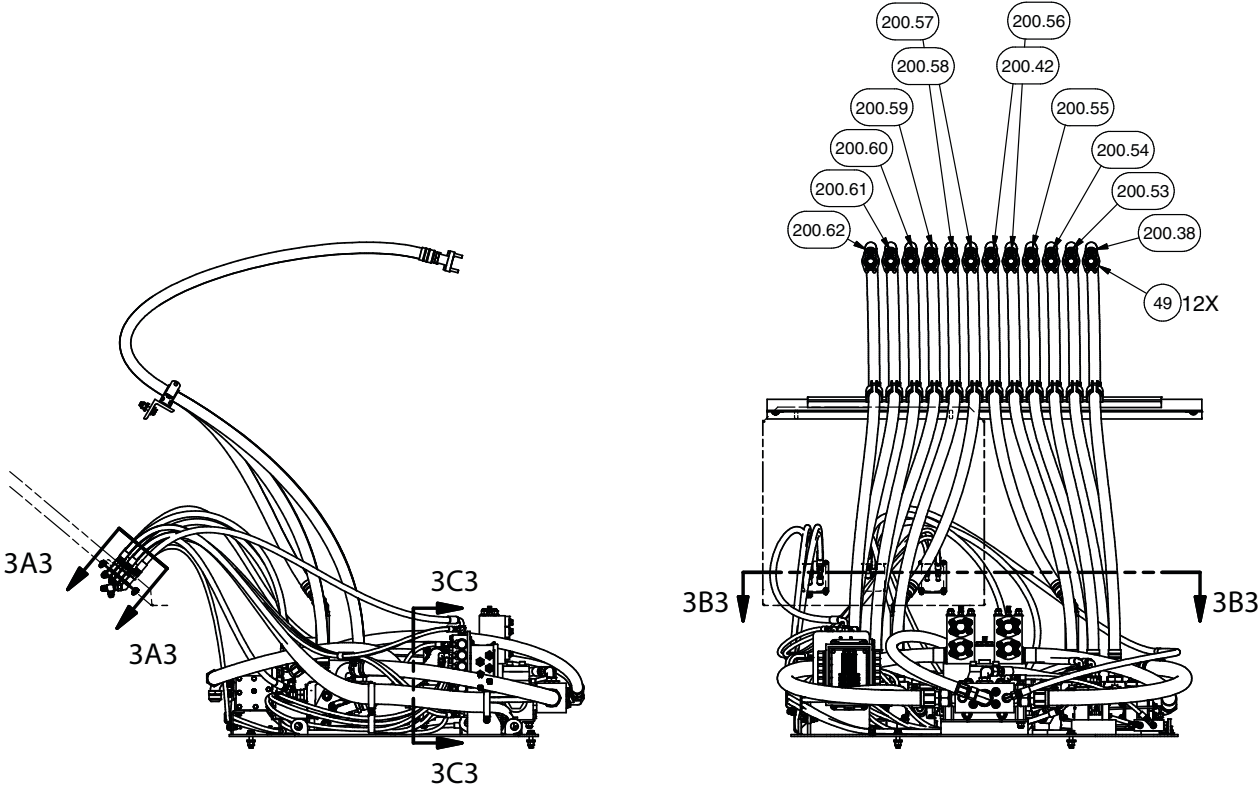
*a See Separate Coverage

*b Not Illustrated

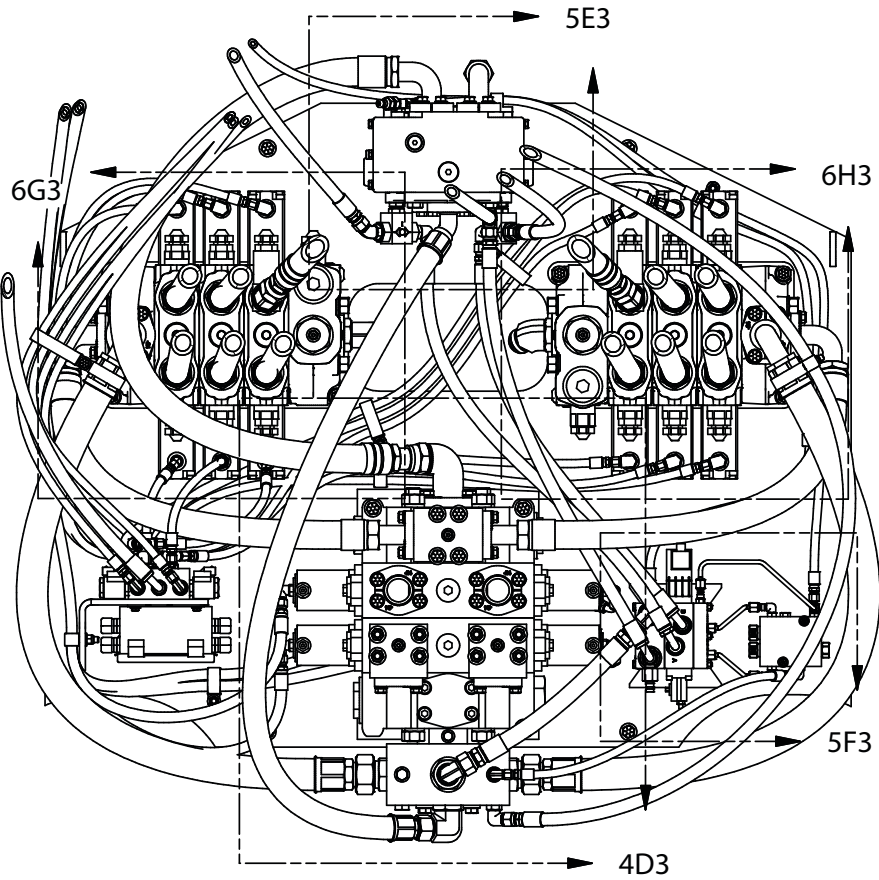
Diagram illustrating the top view of a hydraulic manifold assembly, showing various components and wiring connections. The assembly includes a central manifold block with multiple ports, surrounded by various valves, solenoids, and connectors. Key components and connections are labeled as follows:

- Top Section:**
 - TEE ON BACK (66, 30)
 - 4X (33)
 - 56, 58, 162, 4X, 2X
 - 30, 4X, 142, 143
 - 4X (42)
 - 56, 58, 162, 4X, 2X
 - 62
 - 57, 64, 156, 2X
 - 99 INSTALL IN CHASSIS
 - 101 12X
- Left Side:**
 - 4X (156, 64, 57, 2X)
 - 11
 - GRN 6
 - GRN 1
 - GRN 3
 - 3X (28, 12)
 - 160, 133, 136, 2X
 - ATTACH TO TANK LINE ROUTE PURPLES (152, 135)
 - ATTACH TO POWER BEYOND (71)
 - ROUTE ORANGE (135)
 - ROUTE RH IMPL VALVE LINE (35)
 - 48
 - 3X (110, 109)
 - 106
 - ROUTE ORANGE (135)
 - 160, 133, 161
 - 108
 - 4X (58, 107)
 - ROUTE ORANGE (55)
 - 160, 133
- Right Side:**
 - 2, 26, 28, 2X, 2X
 - 35 ROUTE LH IMPL VALVE PILOT LINES
 - 55
 - 160, 133
 - 3
 - RED 3
 - RED 1
 - RED 6
 - 12, 28, 3X
 - 136, 133, 160, 2X
 - 134 ROUTE BRN 1
 - 152 ATTACH TO TANK LINE
 - 160, 133
 - 55 ROUTE STRG LS LINES
 - RED 5
 - RED 4
 - RED 2
 - 47, 58, 2X
 - 13
- Bottom Section:**
 - ORN 4
 - ORN 1
 - ORN 2
 - ORN 3
 - 1
 - 63, 64, 2X, 156, 3X
 - 6
- Central Manifold:**
 - 2X (133, 160)

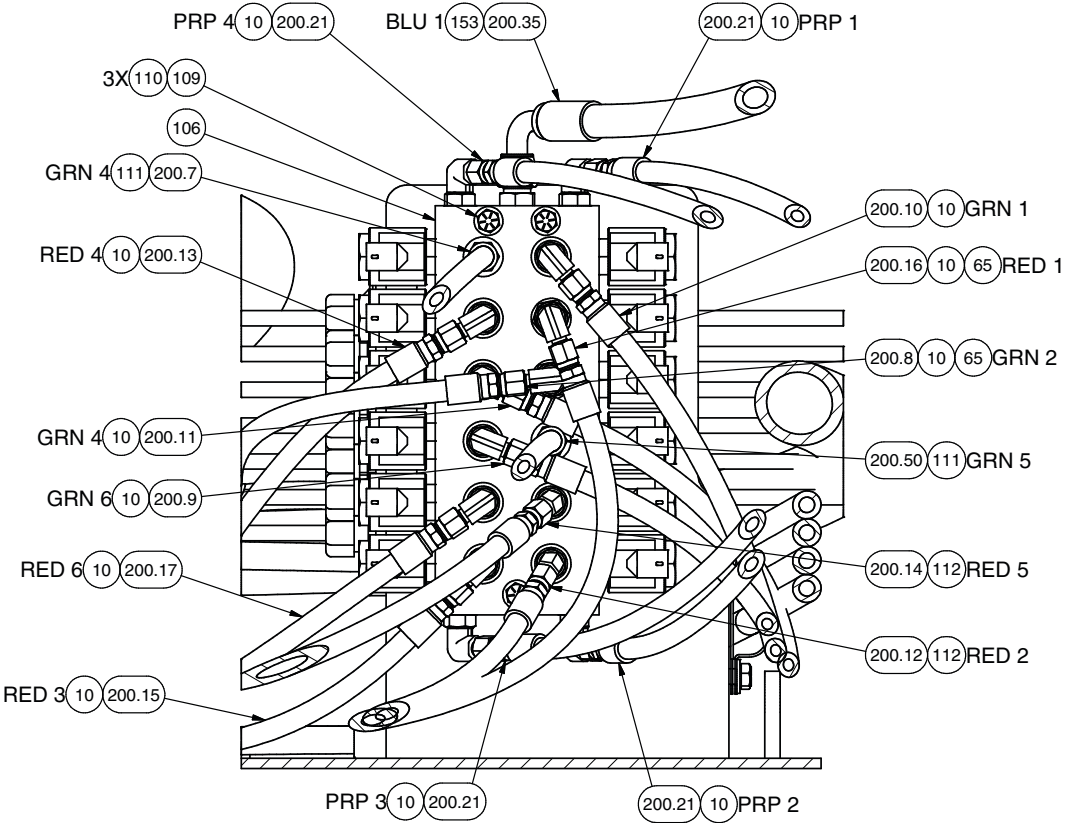
TOP VIEW NO HOSES



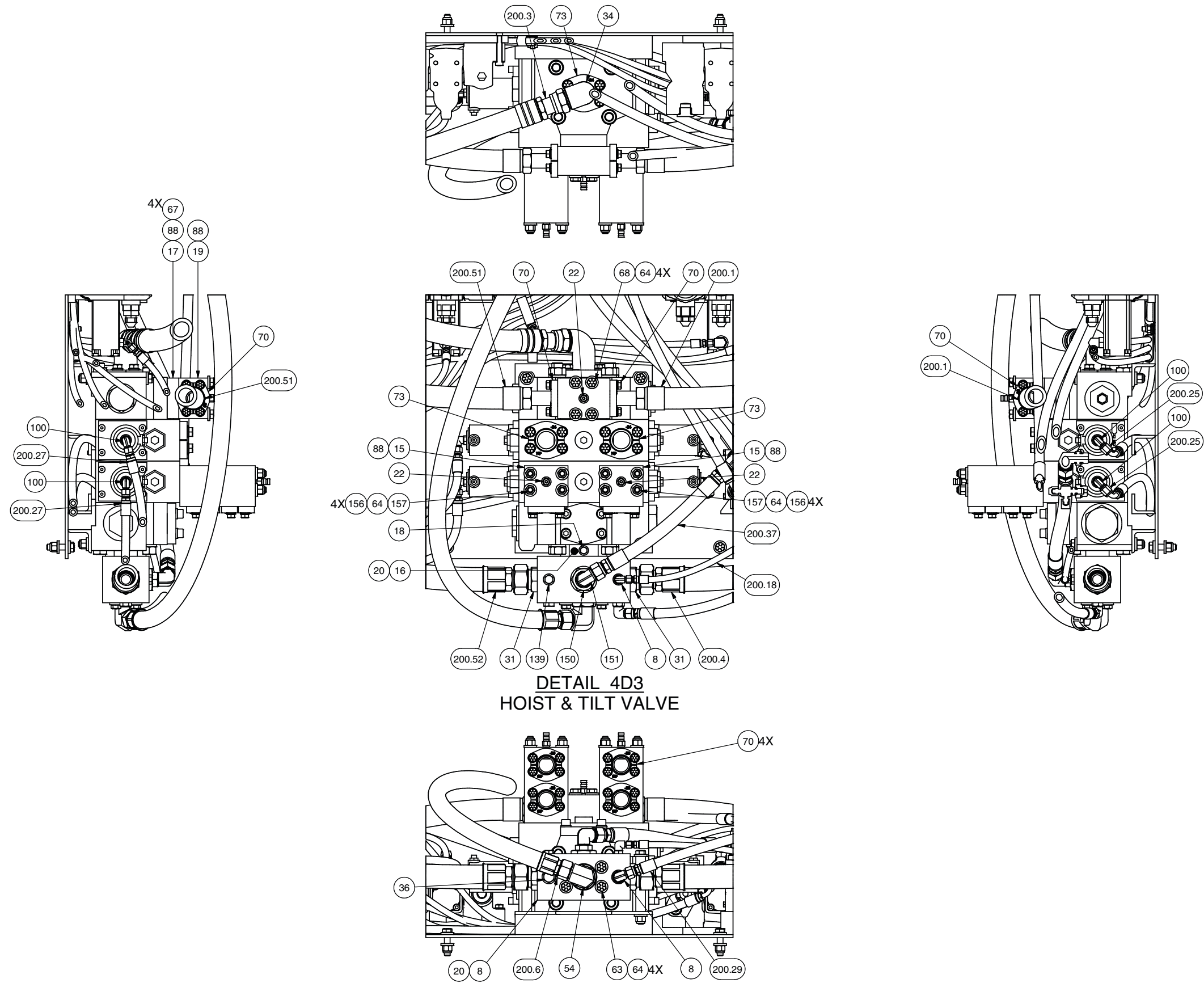
SECTION 3A3-3A3
BAFFLE BULKHEAD



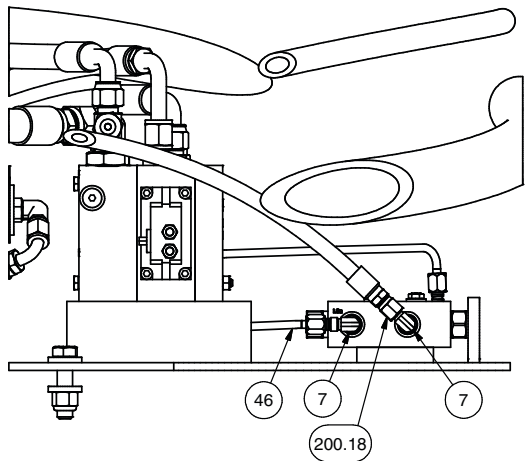
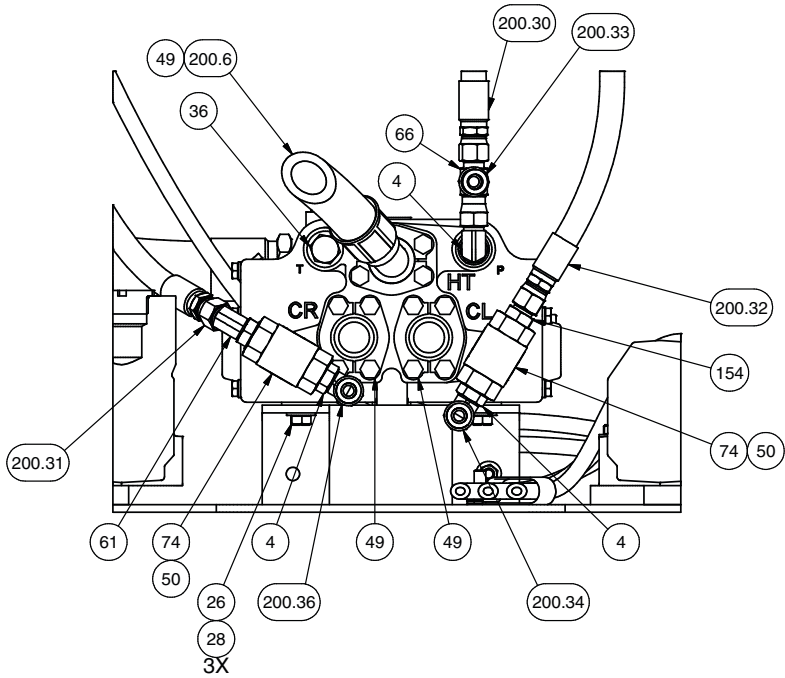
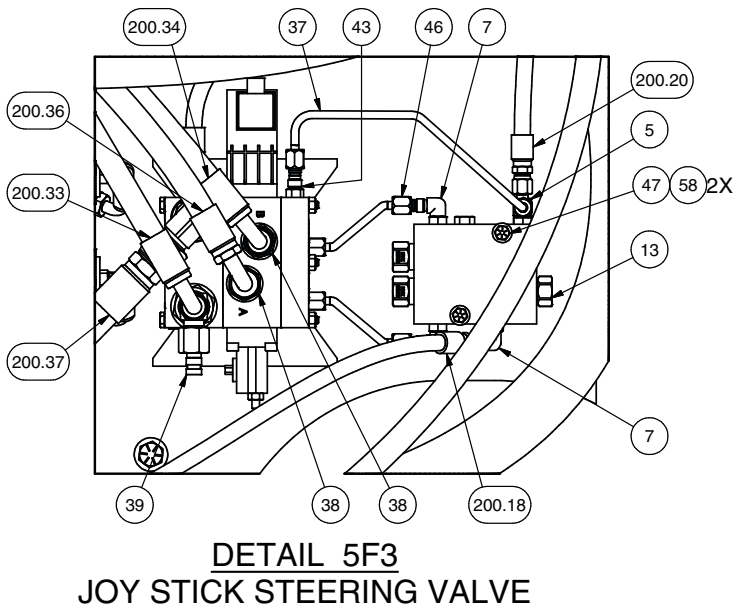
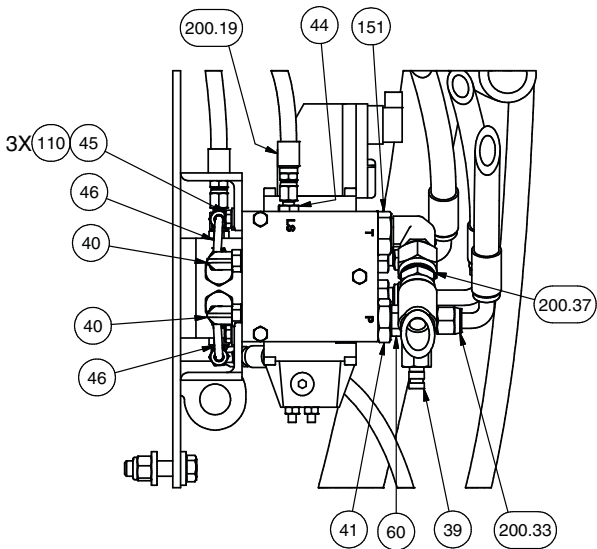
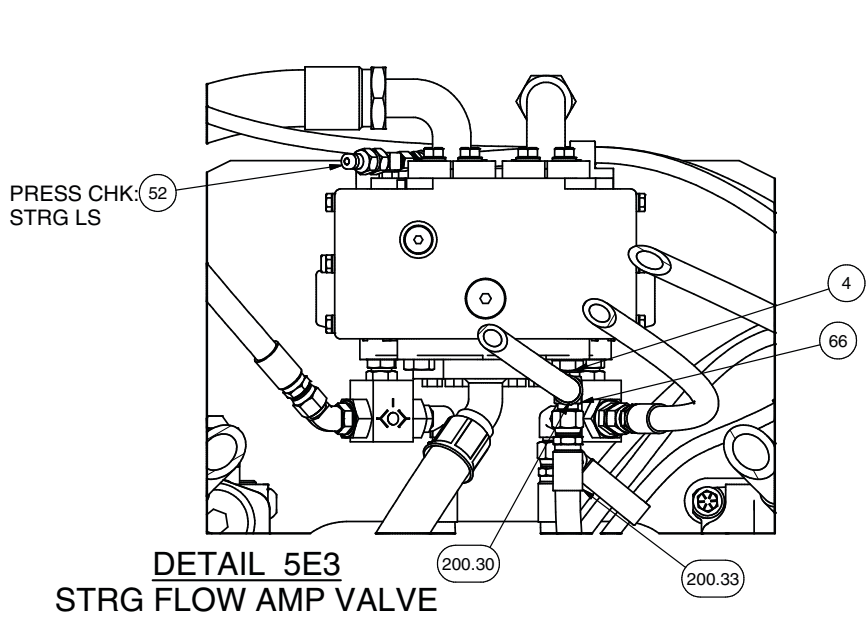
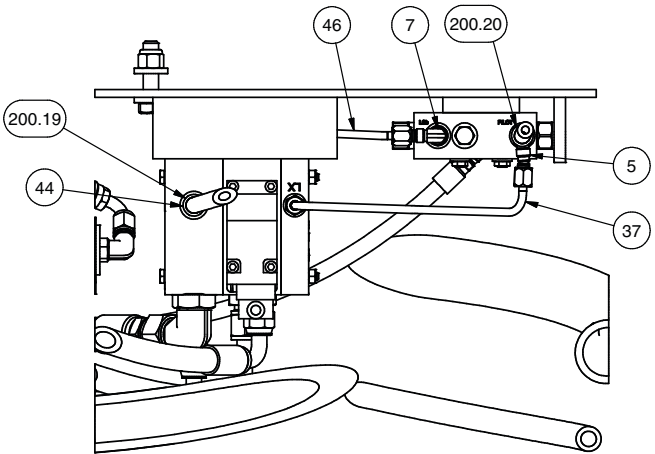
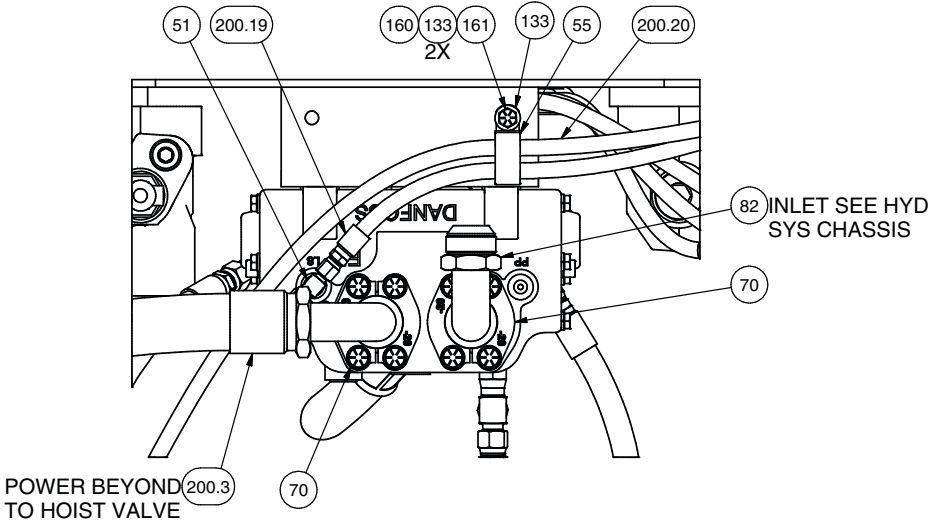
SECTION 3B3-3B3



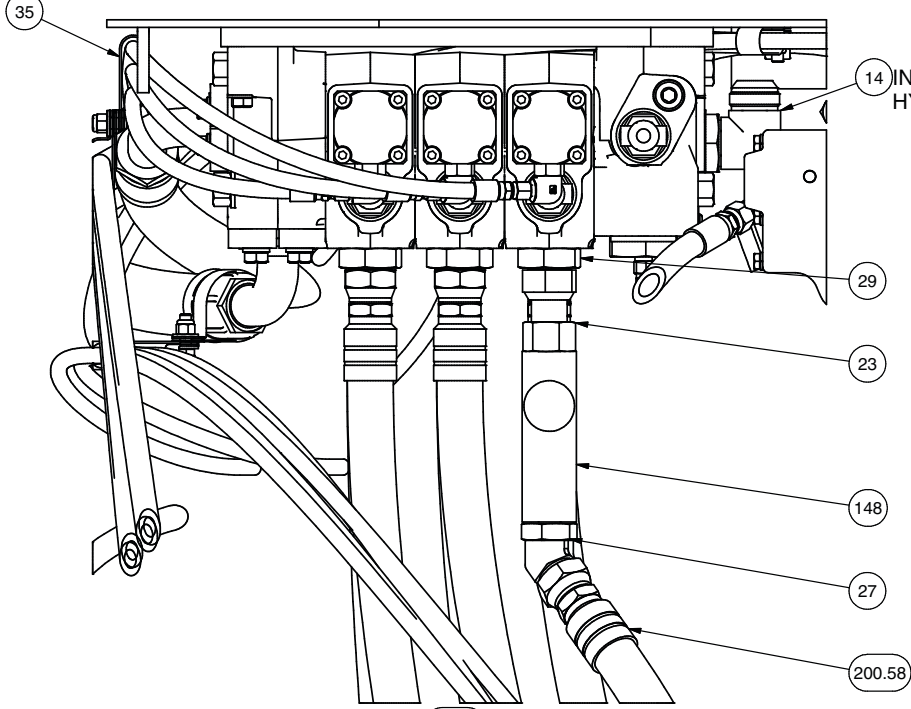
SECTION 3C3-3C3
IMPL FUNCTION MANIFOLD



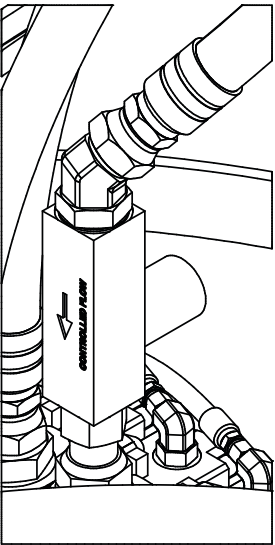
DETAIL 4D3
HOIST & TILT VALVE



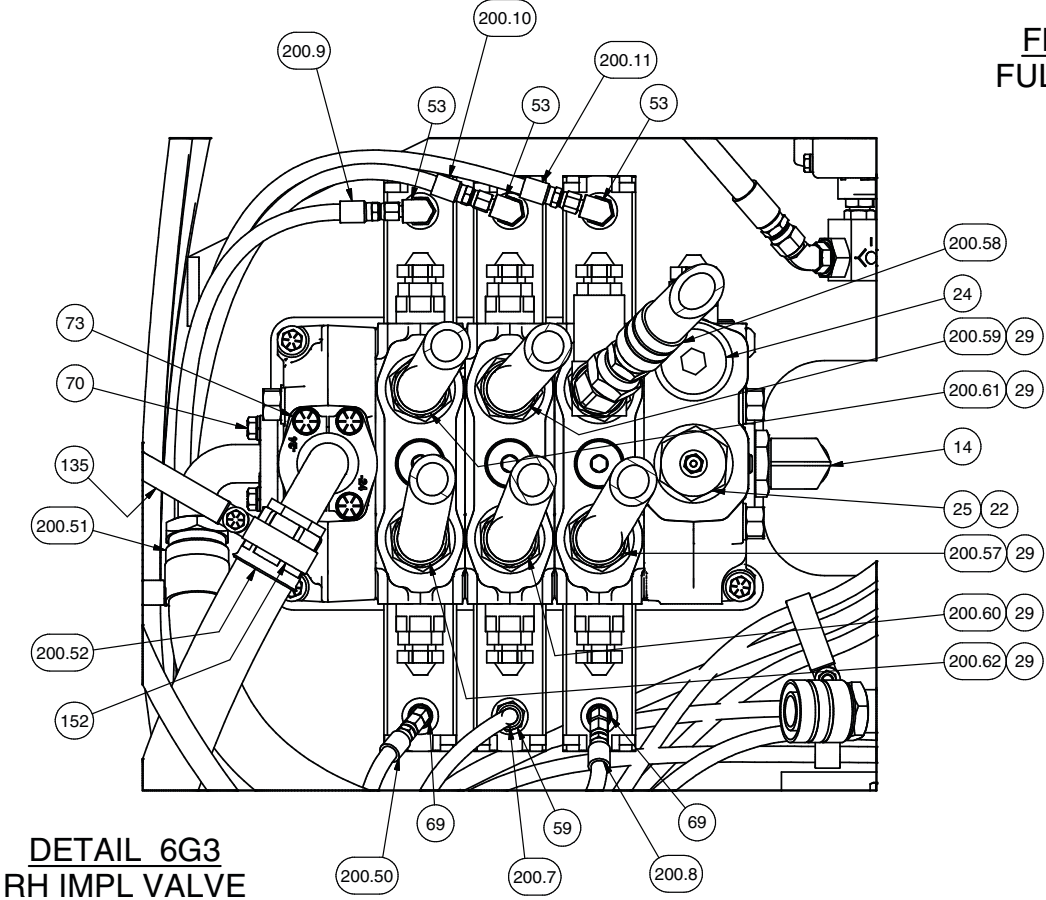
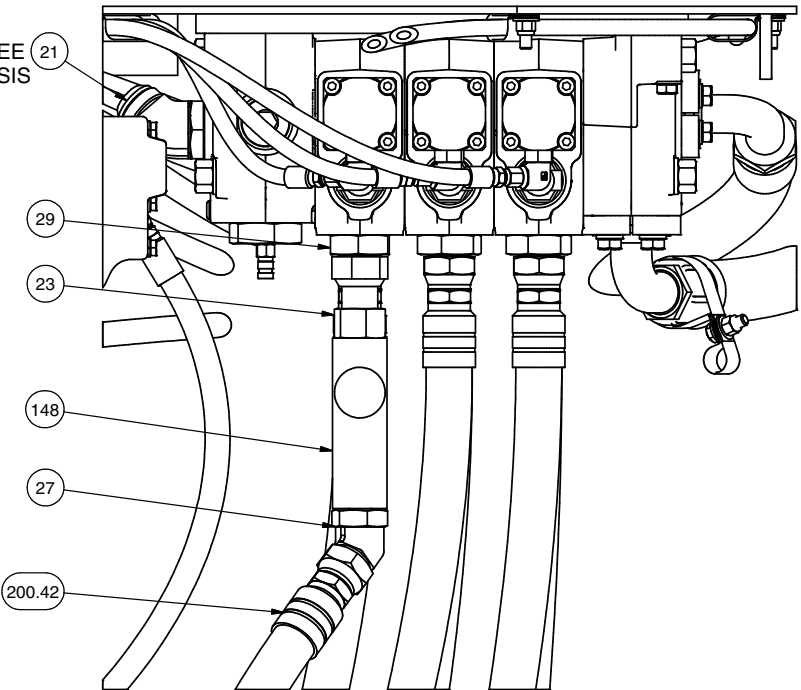
TAME PILOT OIL LINES



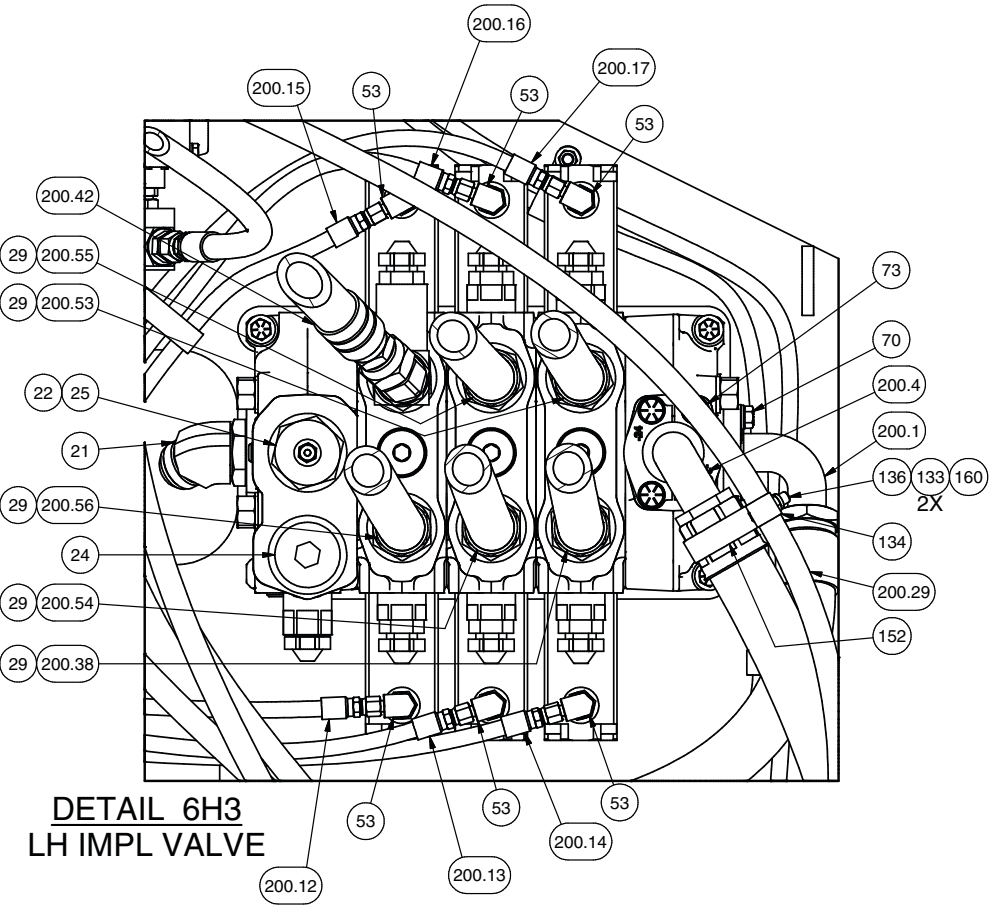
INLET SEE
HYD SYS CHASSIS



**FLOW CONTROL
FULLY OPEN VALVE**



**DETAIL 6G3
RH IMPL VALVE**



**DETAIL 6H3
LH IMPL VALVE**