
Cooling Assembly

Cooling Assembly

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
	601051		Cooling Assembly				
1	601068	1	. Cooling Box	66	231251	2	. Clamp
2	* 601063	1	. Cooling Package, RAD/TOC/BOC/CAC	67	231296	2	. Clamp
3	* 601064	1	. Cooling Package, COND/FOC	68	CLP0100112	2	. Clamp, Hydra-Zorb
4	601065	1	. Cooling Package, HOC	69	231248	2	. Clamp
5	601066	1	. Surge Tank	70	CLP0100200	2	. Clamp
	259702	1	. Sight Glass	72	R13811016	3	. Capscrew
	599410	1	. Pressure Cap	73	162572W	9	. Capscrew
6	601067	1	. Fan Guard	74	Y17C-0616	15	. Capscrew
7	* 601865	1	. Motor W/ Valve	75	221499W	6	. Capscrew
8	* 601265	1	. Fan, Sucker	76	Y17C-0624	14	. Capscrew
9	601266	1	. Fan Door	77	R13811039	24	. Capscrew
10	601267	2	. Hinge	78	230776	6	. Capscrew
11	594987	1	. Latch, RH Rotary	79	131137W	2	. Capscrew
12	594992	1	. Striker	80	221569W	8	. Capscrew
13	601979	1	. Gas Spring	81	233853	8	. Capscrew
14	601269	1	. Baffle	82	248986	2	. Capscrew
15	598545	1	. Pad, Support	83	293714W	2	. Capscrew
16	599726	2	. Tube, CAC	84	R13802914	3	. Washer
17	243488	4	. Connector	85	221767W	80	. Washer
18	243489	8	. Clamp	86	R13811432	1	. Washer
19	601270	1	. Intake Screen	87	221771W	24	. Washer
20	601271	1	. Plate, Access Cover	88	221773W	16	. Washer
21	601272	1	. Plate, Mount	89	221777W	4	. Washer
22	600306	1	. Head Assembly, Filter	90	237578	44	. Washer, Fender
23	247429	1	. Element, Filter	91	R1929619	88	. Washer, Rubber
24	225369	4	. T-Bolt Clamp	92	296422W	4	. Washer
25	218642	1	. T-Bolt Clamp	93	R13811190	3	. Locknut
26	CLP7051171	2	. Mini Worm Drive Clamp	94	221705W	2	. Hex Nut
27	601863	1	. Plate, Baffle	96	R13805167	2	. Locknut
28	601281	1	. Plate, Gas Spring Mount	97	R13806770	1	. Hex Nut
29	604980	1	. Shim, Pad Support	98	223587	10	. Locknut
30	595701	2	. Fitting	99	R13811194	8	. Locknut
31	595783	2	. Fitting	100	302402W	2	. Locknut
32	509197	2	. Fitting	101	251400	2	. Hex Nut
33	231444	1	. Fitting	102	302405W	2	. Locknut
34	231443	1	. Fitting	103	246037	1 Bottle	. Threadlock
35	R833112	1	. Fitting	104	595198-12	2	. Silicone, Rubber
36	R834655	2	. Fitting	105	601795	44	. Spacer, Isolator
37	598621	2	. Fitting	107	598517-144	2	. Trim, Hatch Seal
38	598178	2	. Fitting	108	200454W	2	. Capscrew
39	R833270	3	. Fitting	109	209140	1	. Fitting
40	R833276	2	. Fitting	110	603664	2	. Rotary Push-To-Close Latch
41	2305620W	3	. Fitting	111	R13811040	2	. Capscrew
42	2514292	2	. Fitting	112	302399W	8	. Locknut
43	589536	1	. Ball Valve	113	237567	32	. Locknut
44	22293	1	. Fitting	114	235708	2	. Jam Nut
45	243248	1	. Fitting	115	R14040	1	. Coupler, Male
46	16373	1	. Fitting	117	-----	0	. Not Used
47	209758	2	. Fitting	118	604296	1	. Paddle Actuator
48	R834653	1	. Fitting	119	604220	2	. Plate, Side Cooling Box Seal
49	241846	1	. Fitting, Bulkhead	120	604221	1	. Plate, Top Cooling Box Seal
50	203274	1	. Shutoff Valve	121	2317496-77.69	2	. Trim
51	209501	1	. Fitting	122	237271-4.50	2	. Trim, Edge
52	R12600119	2	. Fitting	123	237271-47.75	1	. Trim, Edge
53	231463	1	. Fitting	124	237271-76.50	2	. Trim, Edge
54	23543	2	. Fitting	125	246228-56.25	1	. Trim, Edge
55	209406	4	. Fitting	126	598517-58	1	. Trim, Hatch Seal
56	R834703	1	. Fitting	127	Y73G-(1024)12	4	. Capscrew
57	R833805	1	. Fitting	128	R13811034	2	. Capscrew
58	209512	2	. Fitting	129	R13801813	6	. Capscrew
59	245762	1	. Plug, Metric	130	Y35E-#10	8	. Washer
60	209423	2	. Fitting	131	WCT0000187	1	. Washer
61	R13803034	2	. Clip, Insulated	132	221707W	2	. Hex Nut
62	209588	2	. Clip, Insulated	133	R13809543	4	. Locknut
63	231660	4'	. Wire Rope	134	00103373	1	. Cotter Pin
64	231658	2	. Clip, Cable				
65	598517-205	1	. Trim, Hatch Seal				

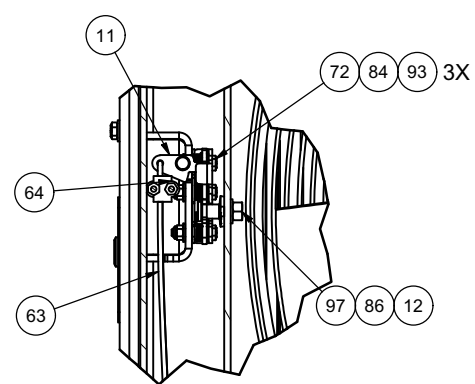
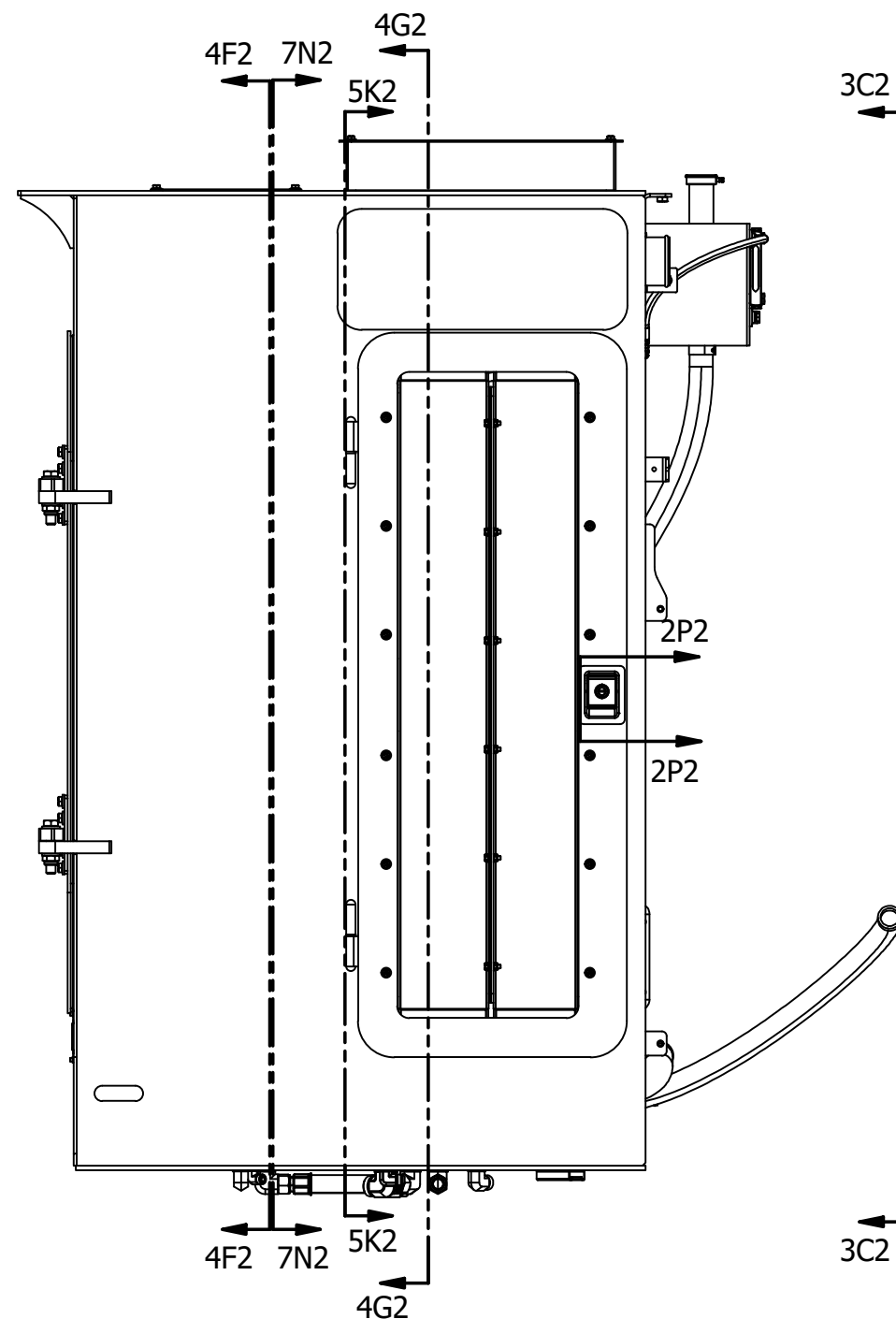
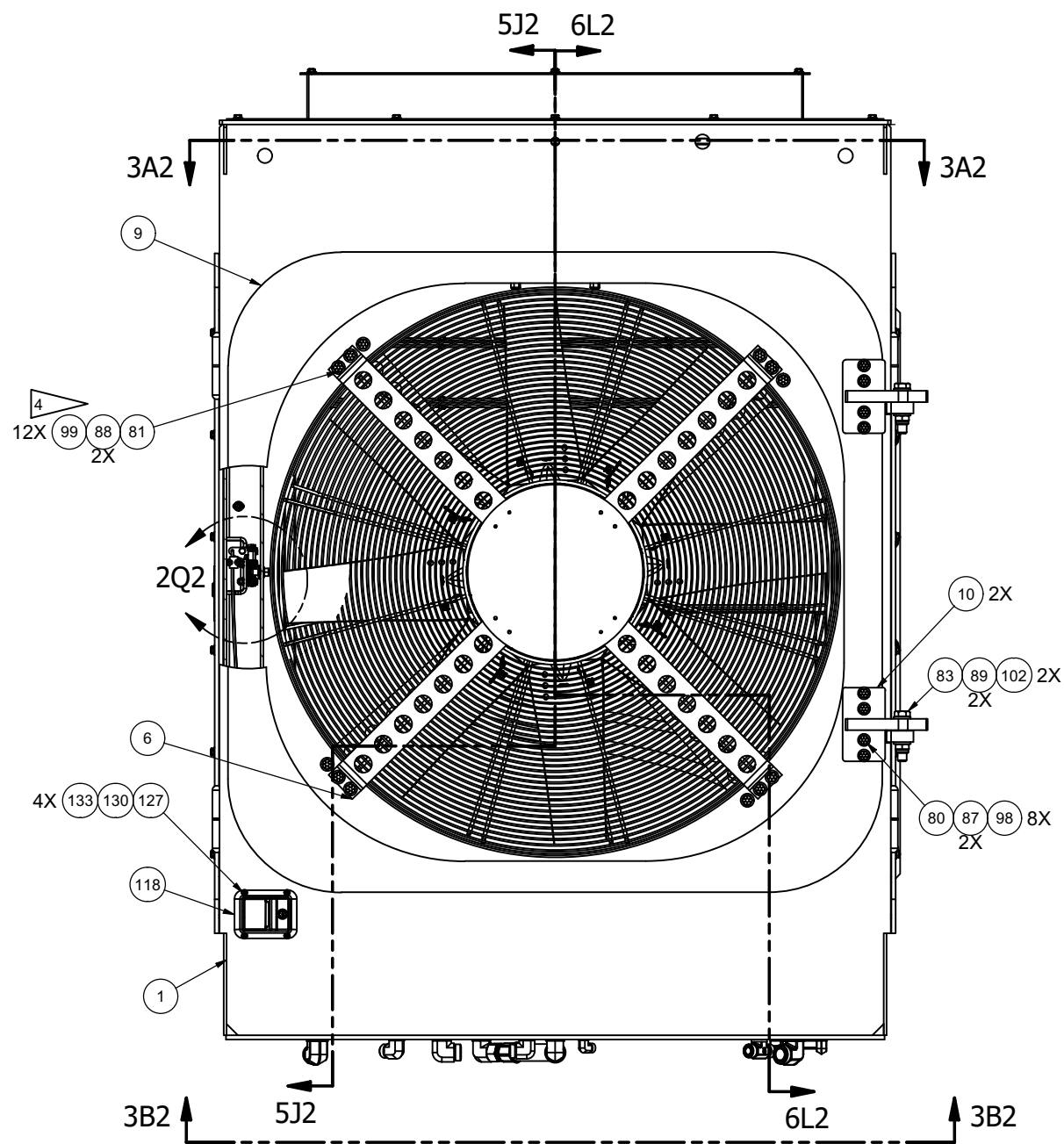
Cooling Assembly

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
199	601277	1	. Kit, Hose				
199.1	211791-19	2	.. Hose, Radiator				
199.2	259106-46	1	.. Hose, #8 (Aeroquip)				
199.3	259106-85	1	.. Hose, #8				
199.4	592605-19	1	.. Hose, Coolant				
199.5	224766-100	1	.. Hose, Coolant				
199.6	601182	2	.. Hose Assembly				
199.7	595184	2	.. Hose Assembly				
199.8	595182	1	.. Hose Assembly				
199.9	598251	1	.. Hose Assembly, Fuel				
199.10	601273	1	.. Hose Assembly, Fuel				
199.11	592079	1	.. Hose Assembly, Fuel				
199.12	602170	1	.. Hose Assembly				
199.13	598619	1	.. Hose Assembly				
199.14	R12216	1	.. Hose Assembly				
199.15	601275	1	.. Hose Assembly				
199.16	596782	1	.. Hose Assembly				
199.17	601276	1	.. Hose Assembly				
199.18	210719	2	.. Hose Assembly				
199.19	207851	2	.. Hose Assembly				

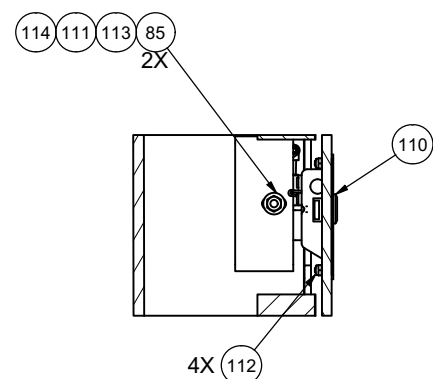
* See Separate Coverage

NOTES:

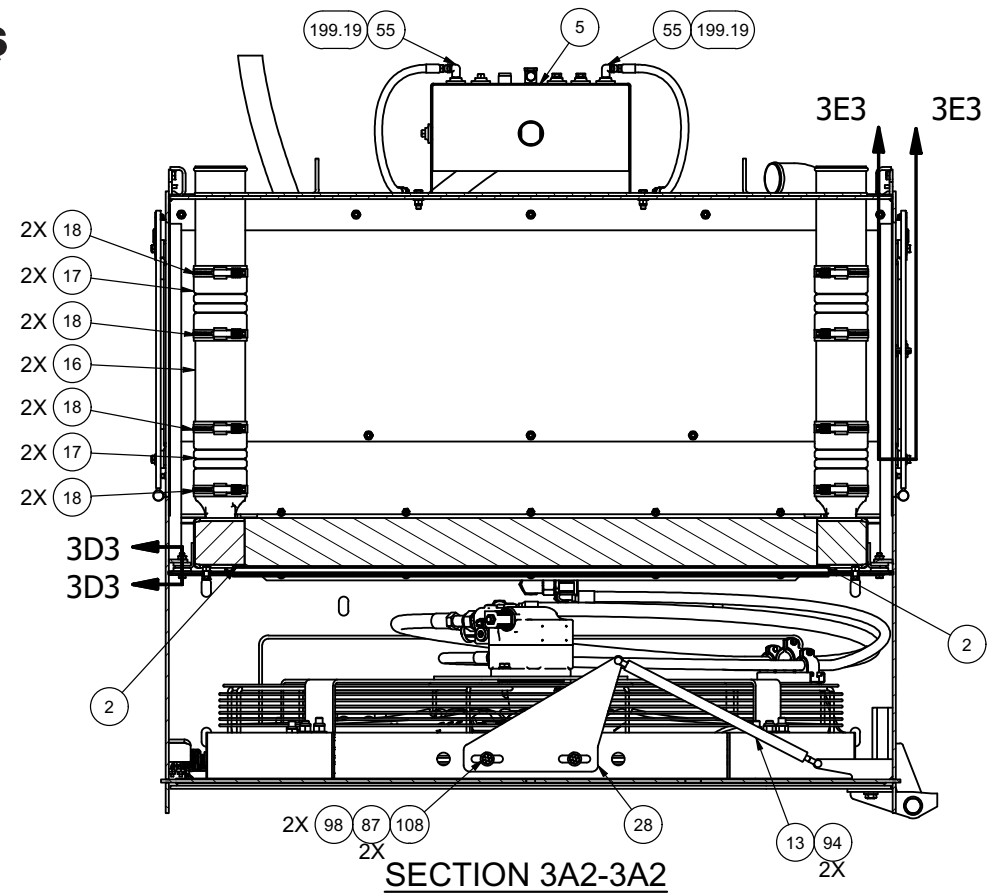
- 1 TORQUE FAN ATTACHMENT HARDWARE (ITEM 101) TO 60-65 FT-LBS.
- 2 USE BLUE LOCTITE (ITEM 103) WHEN TIGHTENING HARDWARE FOR INSTALLING COOLING PACKAGE ASSEMBLY (ITEM 2).
- 3 USE AS MUCH AS POSSIBLE TO ELIMINATE THE DOOR RATTLING YET ALLOW THE DOOR TO SHUT
- 4 ORIENTATE EXTERNAL FAN GUARD SQUARE TO THE FRAME, OFFSET INTERNAL FAN GUARD



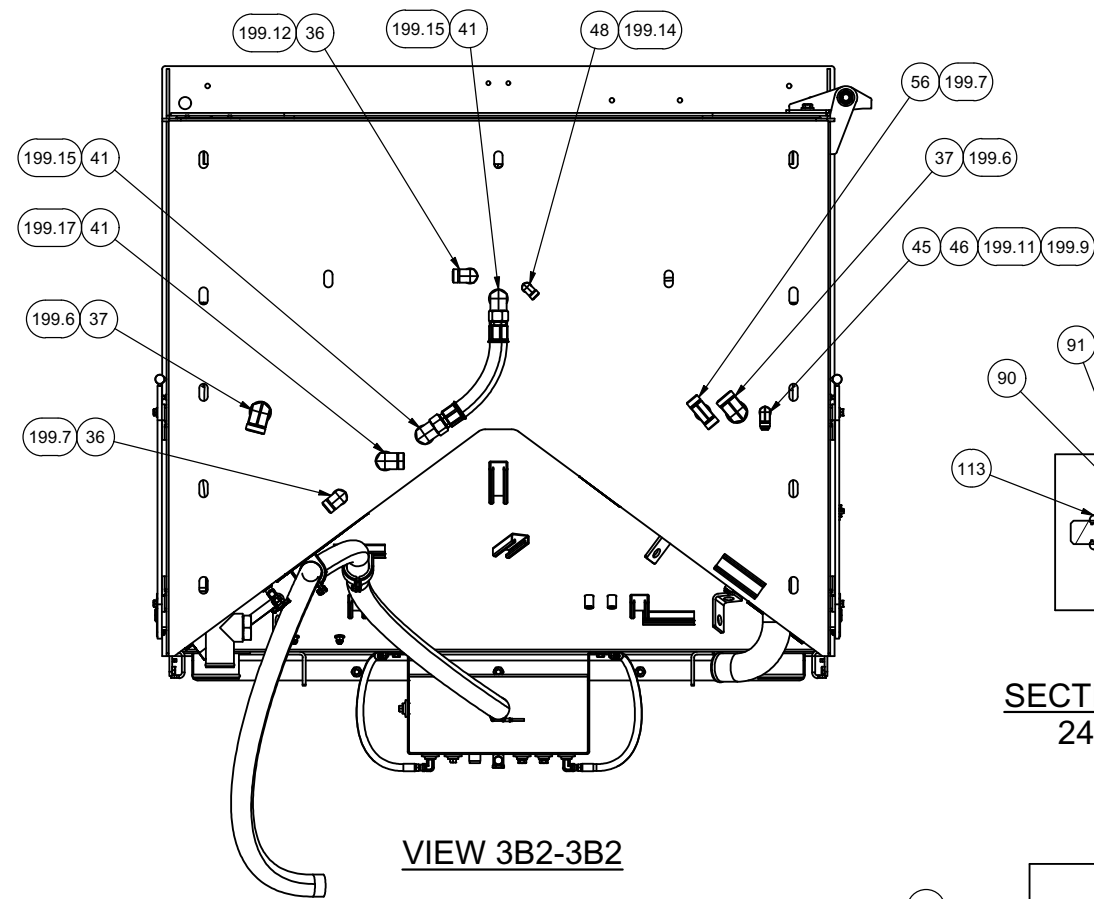
DETAIL 2Q2



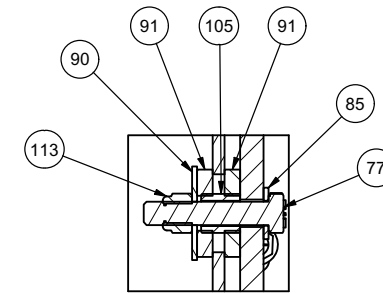
**SECTION 2P2-2P2
2PLCS**



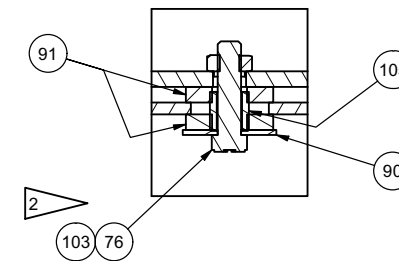
SECTION 3A2-3A2



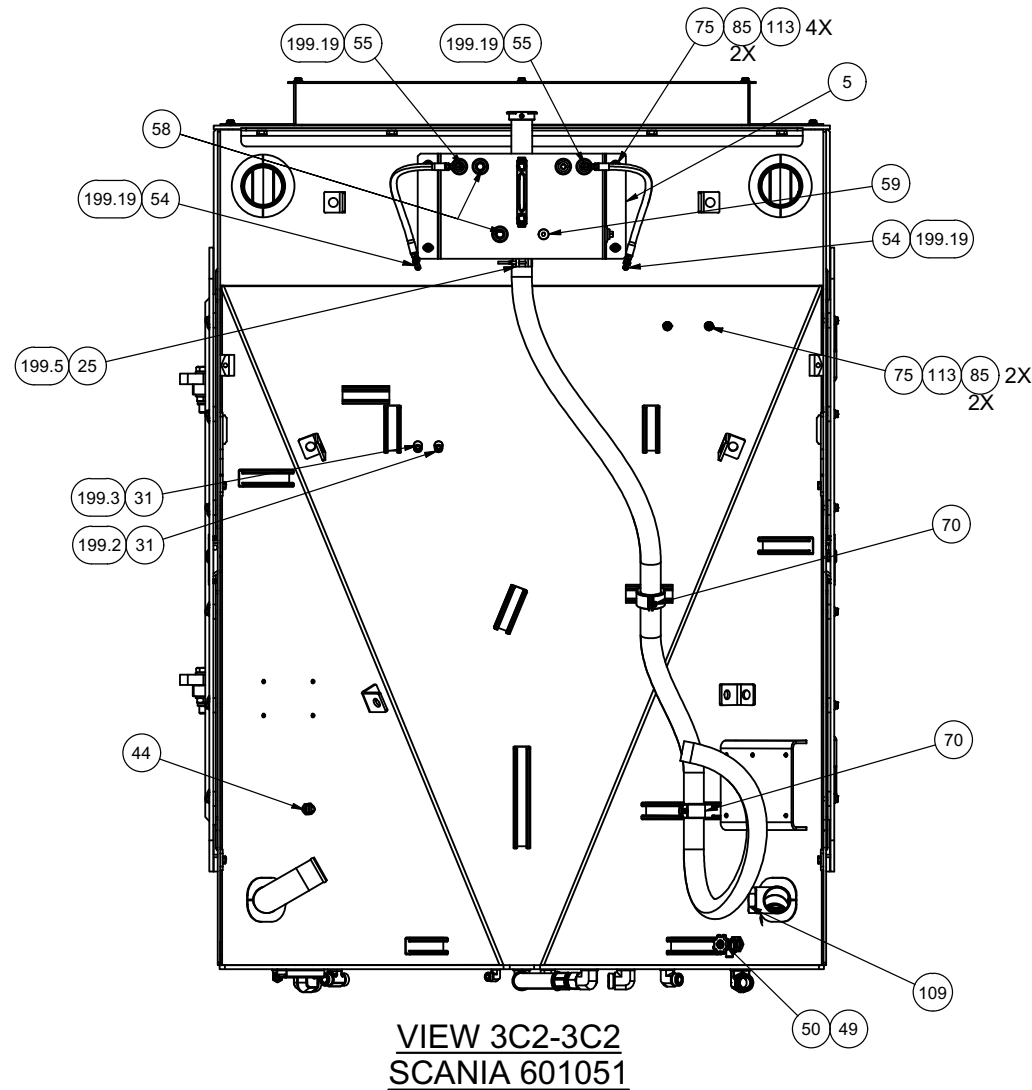
VIEW 3B2-3B2



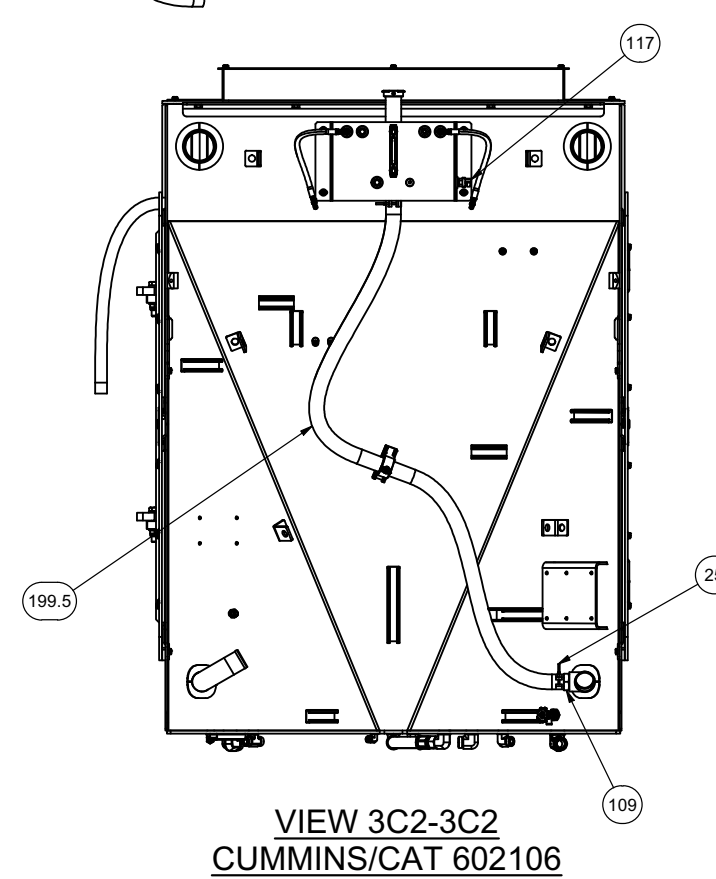
**SECTION 3E3-3E3
24 PLACES**



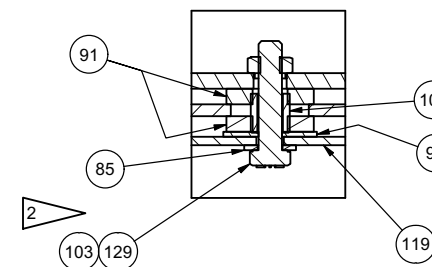
**SECTION 3D3-3D3
20 PLACES - CUMMINS
14 PLACES - SCANIA**



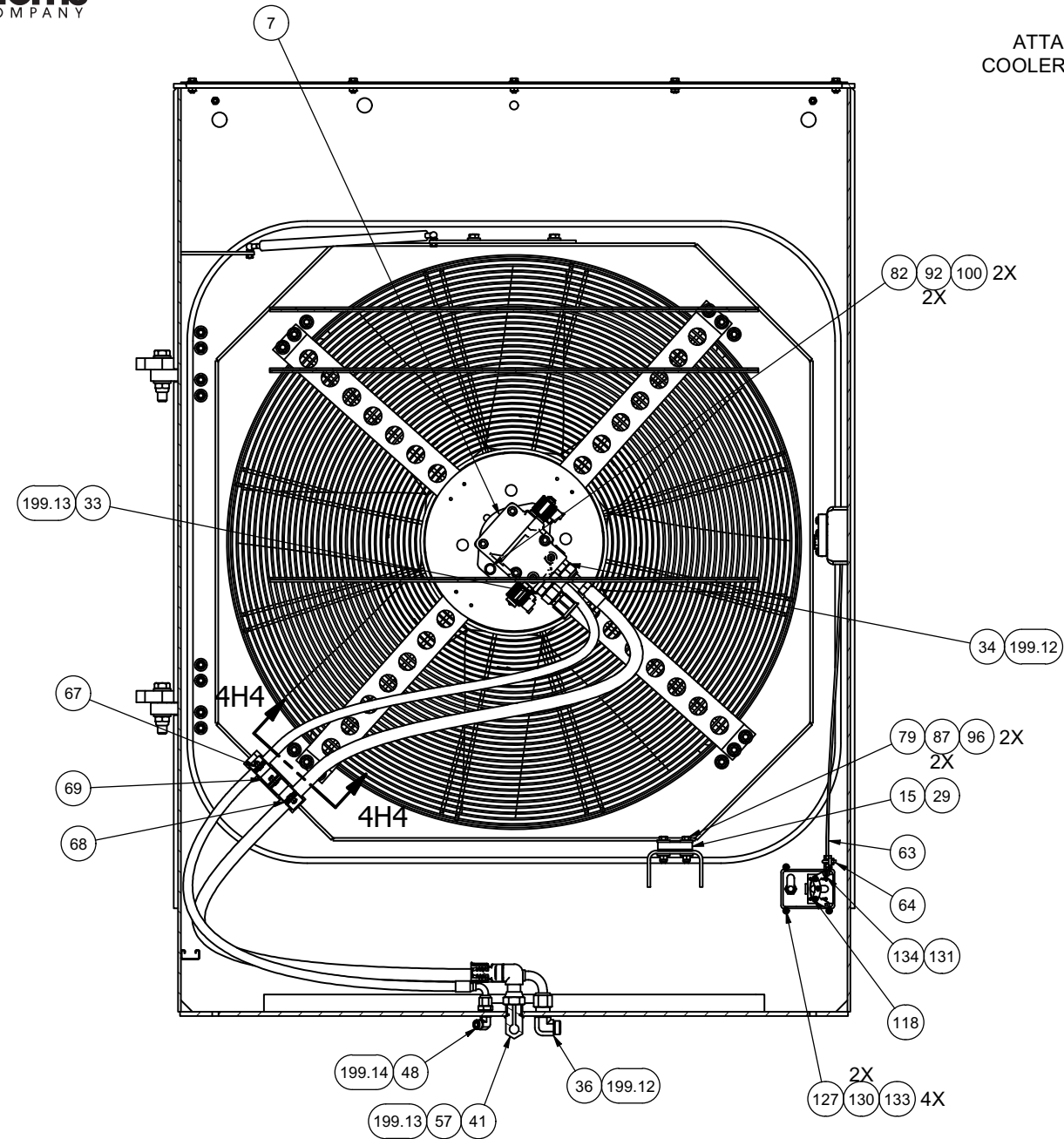
**VIEW 3C2-3C2
SCANIA 601051**



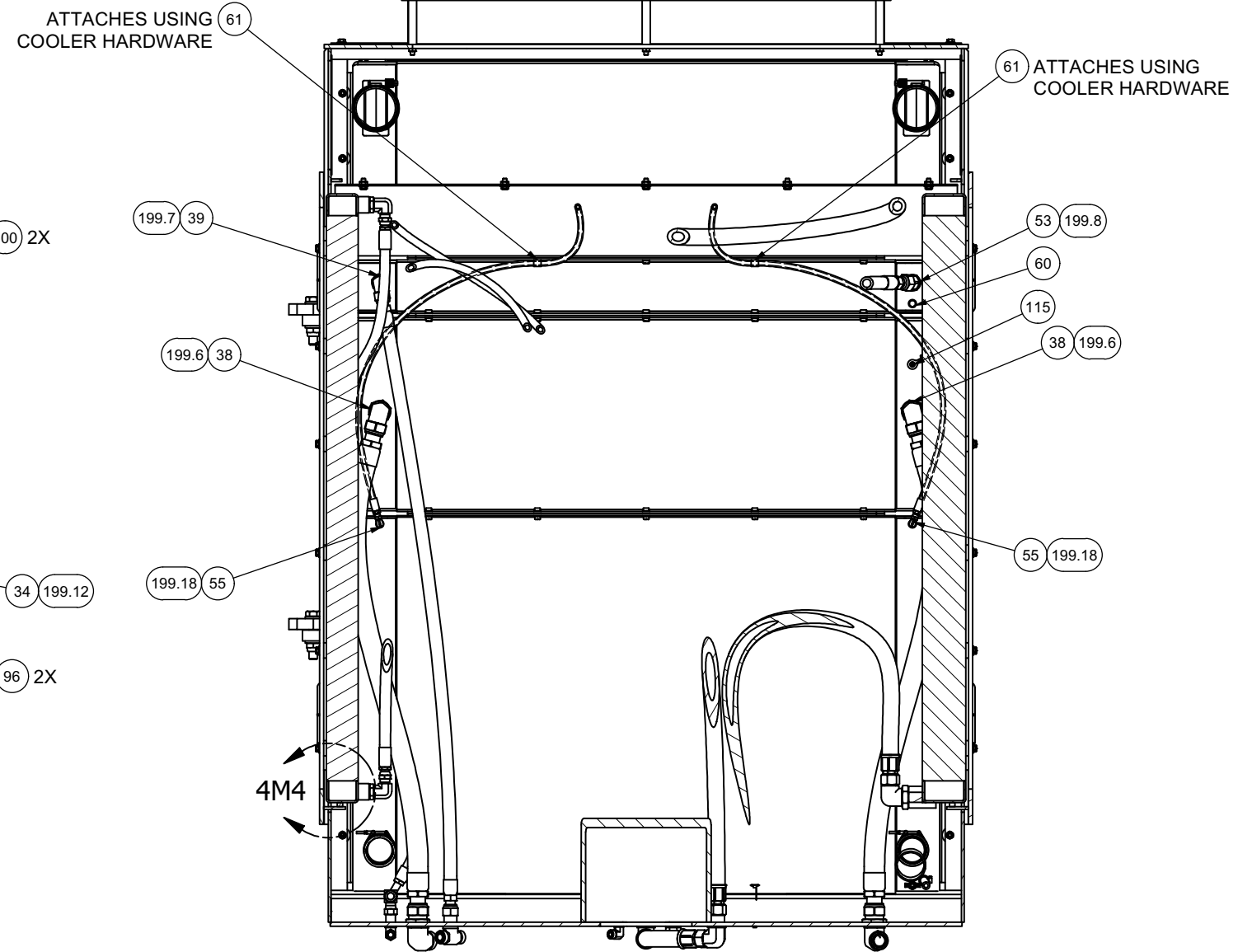
**VIEW 3C2-3C2
CUMMINS/CAT 602106**



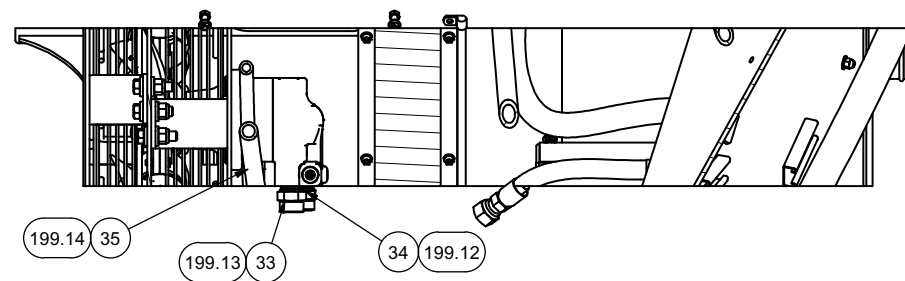
**SECTION 3D3-3D3
6 PLACES - SCANIA**



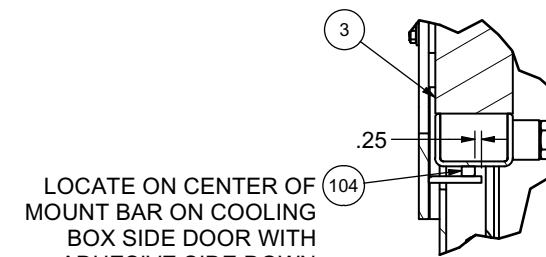
SECTION 4F2-4F2



SECTION 4G2-4G2

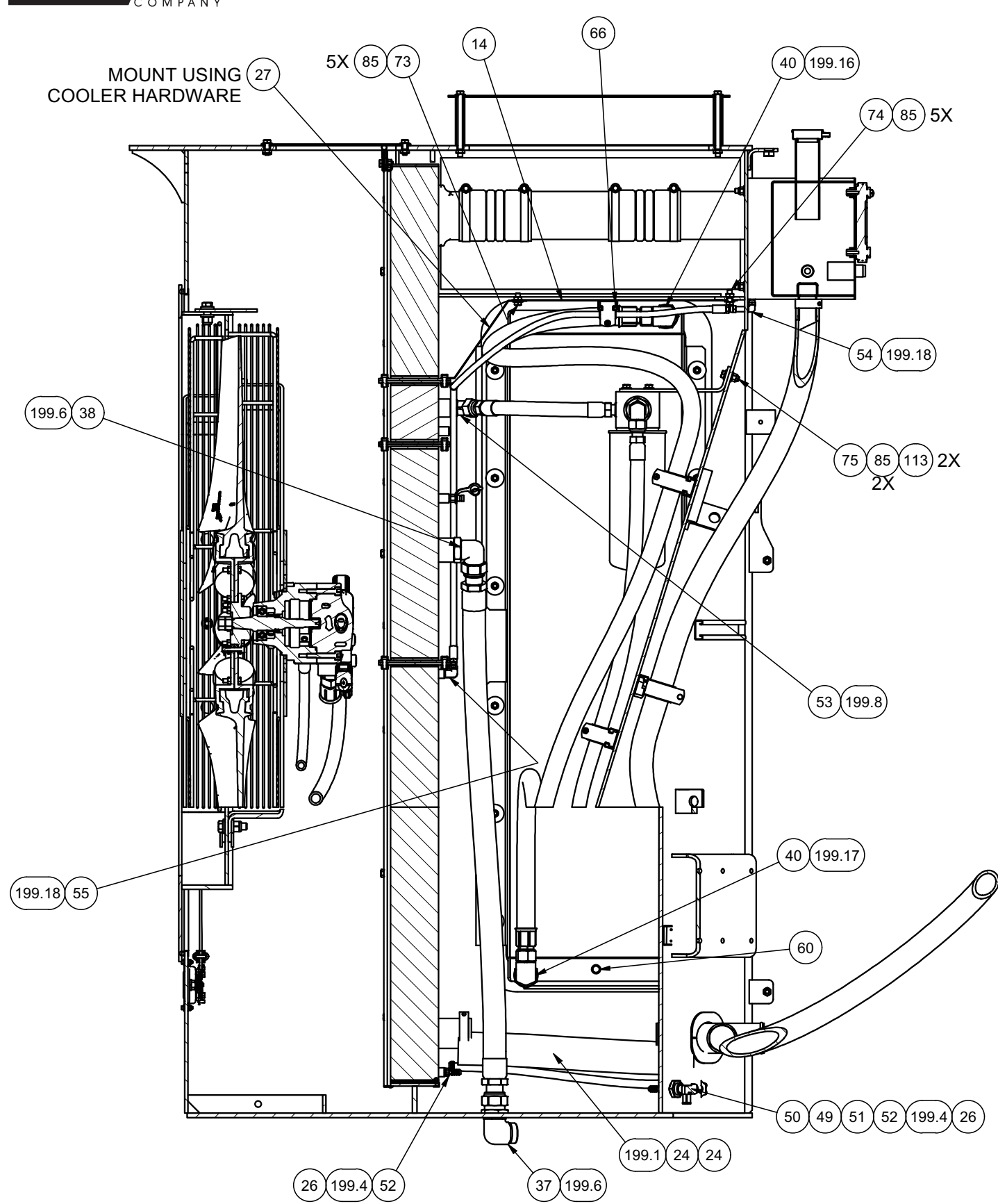


**SECTION 4H4-4H4
VIEW ROTATED FOR CLARITY**

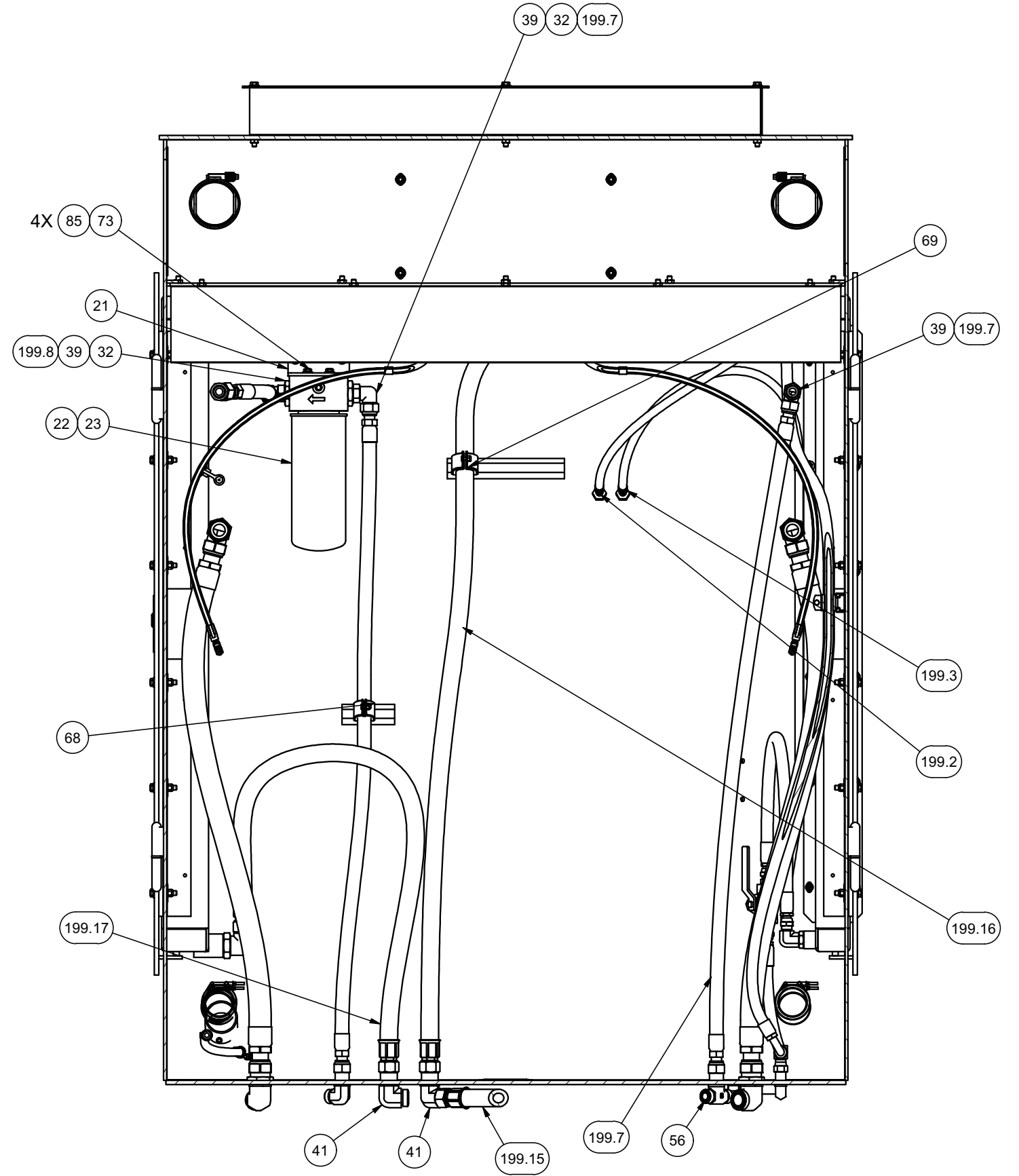


LOCATE ON CENTER OF
MOUNT BAR ON COOLING
BOX SIDE DOOR WITH
ADHESIVE SIDE DOWN

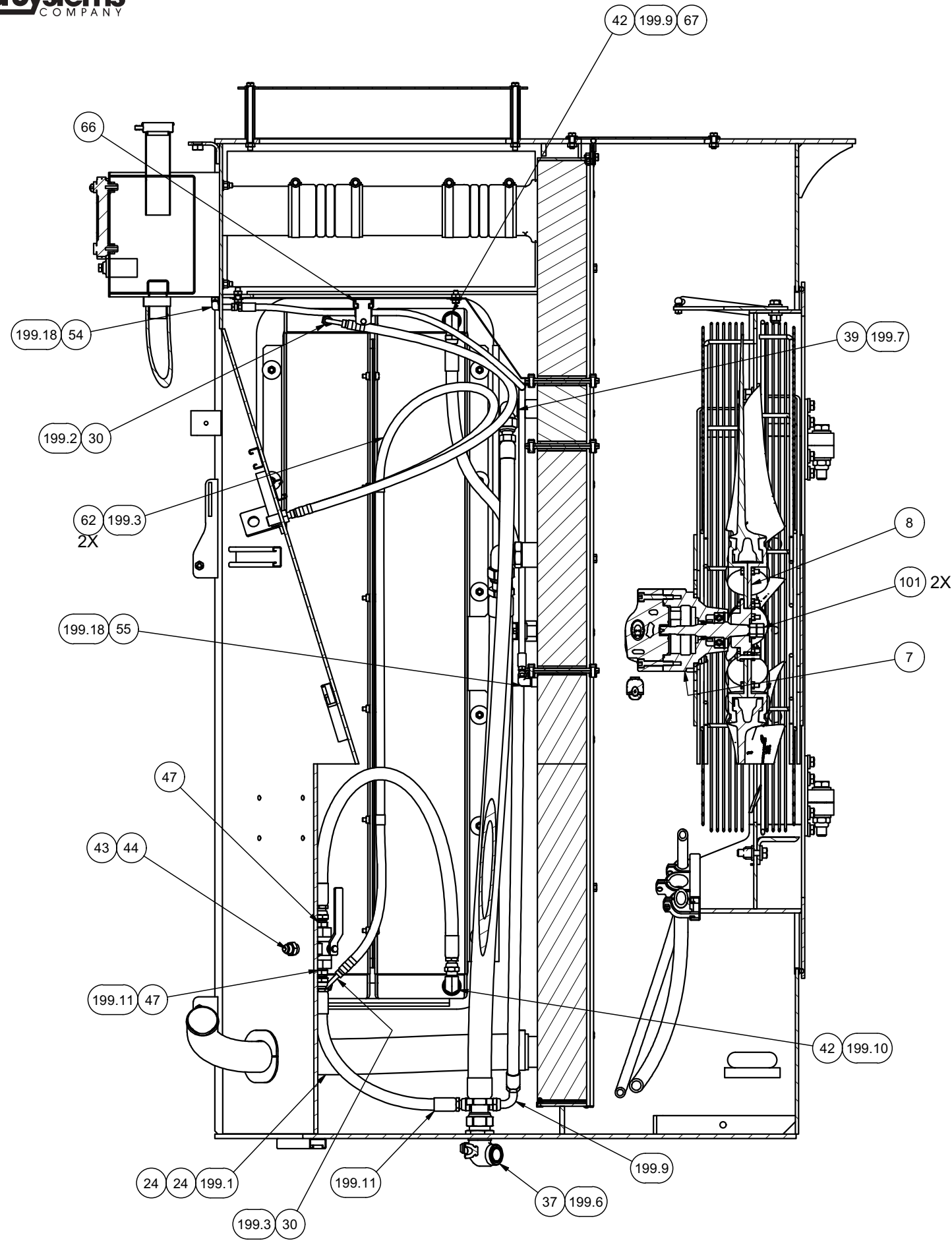
**DETAIL 4M4
TYP. BOTH SIDES**



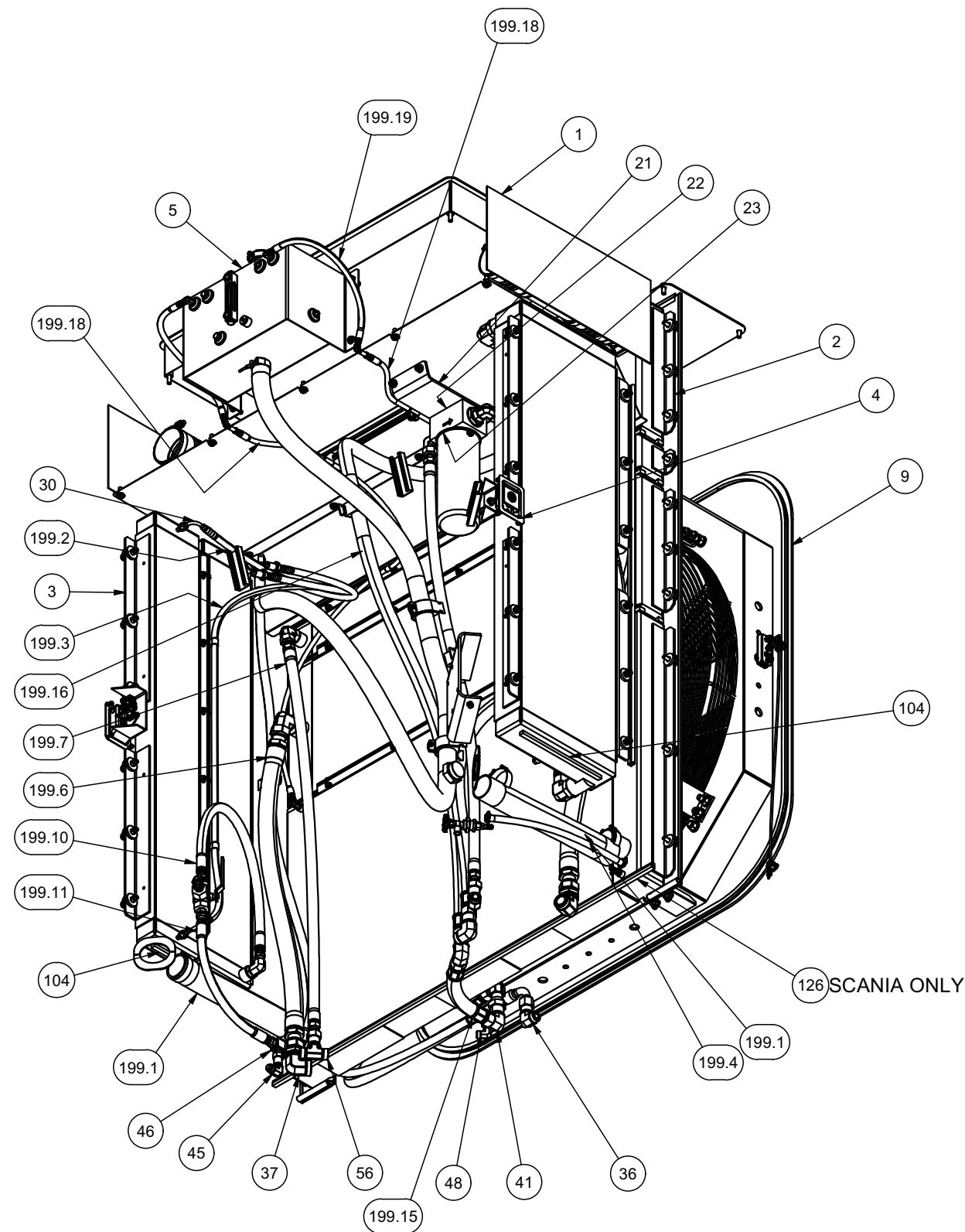
SECTION 5J2-5J2

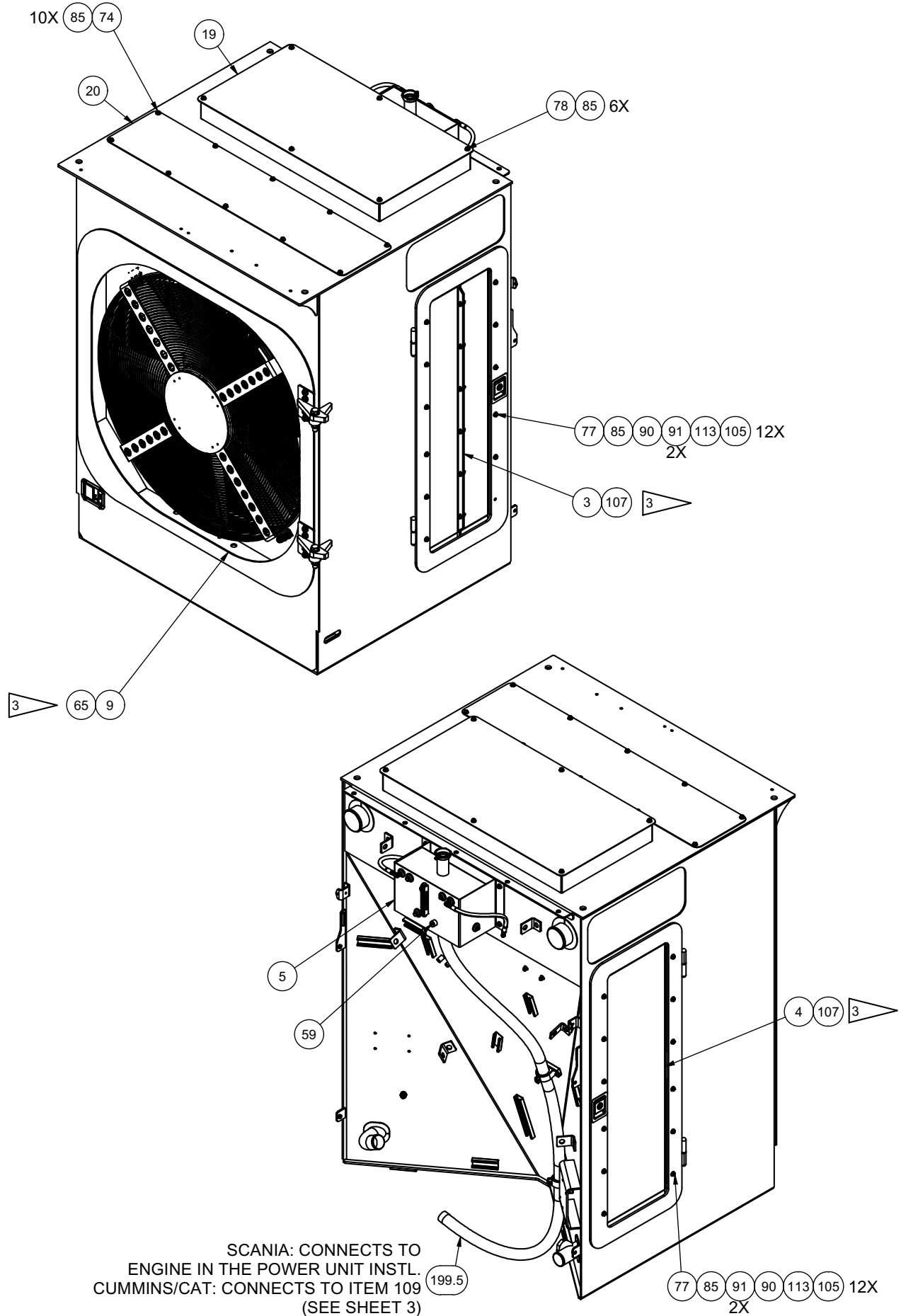


SECTION 5K2-5K2

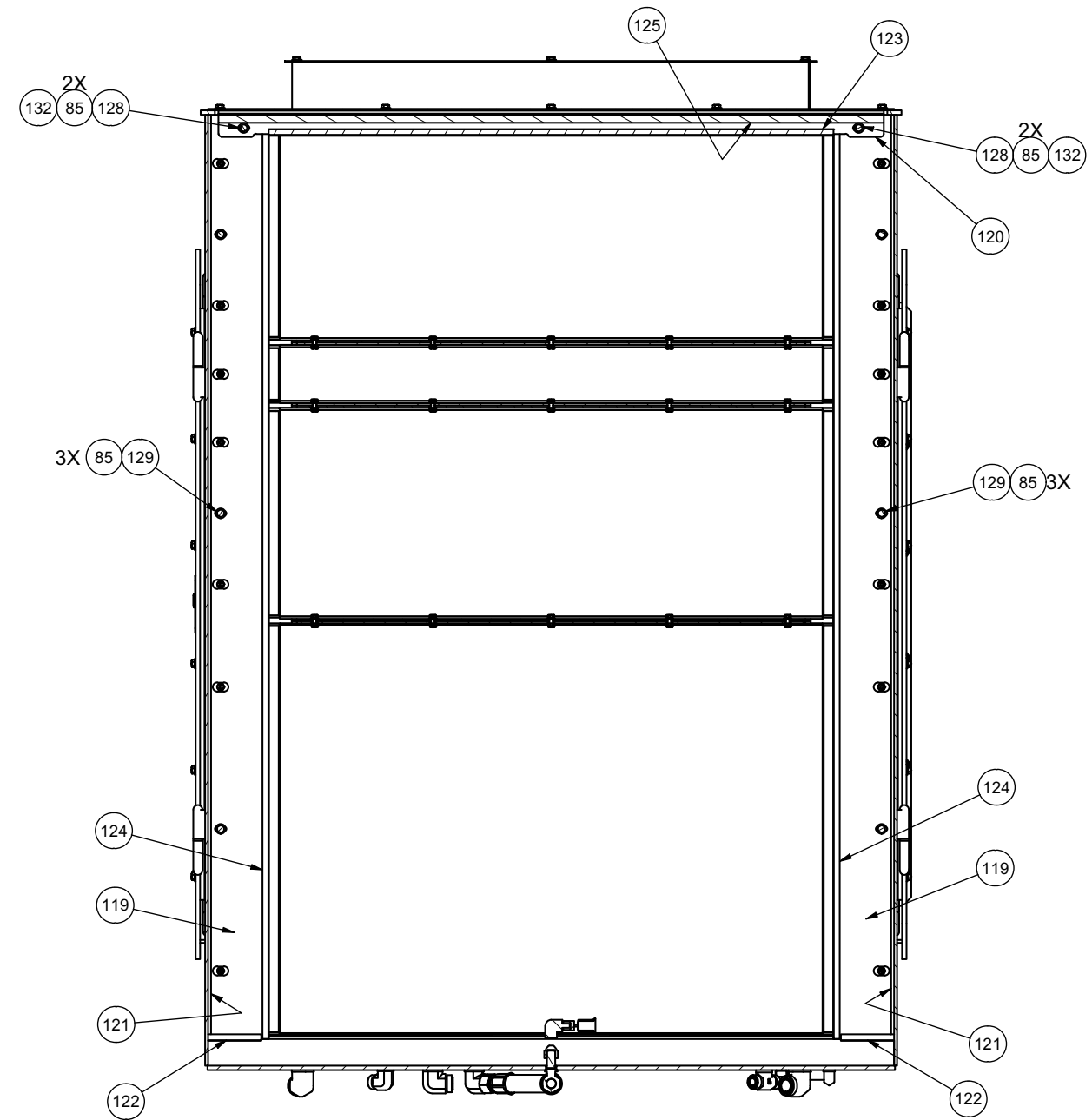


SECTION 6L2-6L2





SCANIA: CONNECTS TO
ENGINE IN THE POWER UNIT INSTL.
CUMMINS/CAT: CONNECTS TO ITEM 109
(SEE SHEET 3)



SECTION 7N2-7N2
SCANIA ONLY