

MAGNUM SRA SERIES

PARTS MANUAL



MAGNUM 300SRA
MAGNUM 420SRA
MAGNUM 480SRA

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SRA SERIES

MAGNUM 300SRA/420SRA/480SRA PARTS MANUAL

The purpose of this manual is for parts identification of the Magnum SR series harvester. This manual is not to be used for assembly. This manual includes parts lists and illustrations of all available replacement parts for the Magnum SR series harvesters. A table of contents is placed at the beginning of the manual for location of specific parts. Keep this manual available for reference in the shop area.

At the time of publication all information contained in this manual was technically correct. However, all materials and specifications are subject to change without notice.

Comments and suggestions about this manual may be directed to: Bucyrus Equipment Co., Inc., PO Box 156-209 Main, Hillsdale, KS 66036. Phone 1-800-330-0857

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HYDRAULICS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CVA-1289 KIT	Selector valve assy
2	1	FV-7359-D	Return manifold (includes check valve)
3	1	RV-1378	Reservoir assy
4	1	H1001-B	Hydraulic increaser
4A	1	HP001-TPSDARSR	Pump
5	1	TF-1530-3	Strainer
6	1	HF001	Street elbow
7	1	HF003	Pipe nipple
8	1	HF001	Street elbow
9	1	HF004	Ball valve
10	1	STC-2520	Barb fitting
11	1	HSR-1	Hose assy
12	1	480HL100	Suction pipe
13	1	2404-16-24	Fitting
14	1	2404-20-24	Fitting
15	1	HSR-8	Hose
16	1	HSR-7	Hose
16A	1	HSR-8	Hose
16B	1	H-1-48	Hose
17	1	6801-20-16	Fitting (forged)
18	1	6801-16-16	Fitting (forged)
19	1	6801-12-12	Fitting (forged)
20	1	6801-16-12	Fitting (forged)
21	1	T-200	Tube
22	1	T-20	Tube
23	1	HSR-10	Hose assy
24	1	HSR-11	Hose assy
25	1	6400-10-10	Fitting (forged)
26	1	6801-12-12	Fitting (forged)
27	1	GS02-30-20-N	Chop valve actuator
28	1	480CO114	Chop valve actuator knob
29	1	6801-06-06	Fitting
30	1	HSR-30	Hose assy
31	1	FG6400-06-06	Fitting
32	1	FG6500-06-06	Fitting (forged)
33	1	6801-06-06	Fitting
34	1	FG6500-06-06	Fitting (forged)
35	1	HSR-41	Hose assy
36	1	BE-24	Tube
37	1	HSR-39	Hose assy
38	4	6400-16-16	Fitting (forged)
39	2	660884	Chop cylinder
40	1	H14516 (300 & 420) 16MB-16FJ (480)	Fitting (forged)
41	1	HSR-9	Hose assy
42	1	2501-16-20	Fitting (forged)

HYDRAULICS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
43	1	A13100	Accumulator
44	1	HSR-5	Hose assy
45	1	RST 4604-16-16-R.250	Fitting (includes 0.025 in. orifice)
46	1	FV-7503-CDJNN	Chop valve assy
47	1	HSR-39	Hose assy
48	1	BE-24	Tube
49	1	HSR-46	Hose assy
50	1	FG6602-06-06-06	Fitting
51	1	FG2406-10-06	Fitting
52	1	FG6602-10-10-10	Fitting (forged)
53	1	6400-10-10	Fitting (forged)
54	1	HSR-44	Hose assy
55	1	HSR-35	Hose assy
56	1	FG6501-06-06	Fitting (forged)
57	1	FG2650-06-06-06-06	Fitting (forged)
58	1	FG4503-16-16	Fitting (forged)
59	1	6801-06-04	Fitting (forged)
62	1	6801-06-04	Fitting (forged)
63	1	DS80-X 151-2302 (opt. on solid heads) 151F2316 (opt. on 30 solid heads)	Hydraulic motor
64	1	6400-10-10	Fitting
65	1	FG6502-10-10	Fitting
66	1	HSR-25	Hose assy
67	1	BE-D2	Tube assy
68	1	FG2403-10-10	Fitting
69	1	HSR-20	Hose assy
70	1	FG6202-10-10-10	Fitting
71	1	FG6400-10-08	Fitting
72	1	RVPP10NS8TA 30/10	Blue Pressure Relief Valve
72A	1	RVPP10-NS0-3010	Pressure Relief Valve Cartridge
73	1	FG6400-10-08	Fitting
74	1	FG6202-10-10-10	Fitting
75	1	HSR-19	Hose assy
76	1	FG2403-10-10	Fitting
77	1	BE-D2	Hose assy
78	1	HSR-25	Hose assy
79	1	FG6502-10-10	Fitting (forged)
80	1	6400-10-10	Fitting
81	1	FV-6975-GGJ-BECI	Flow control assy
82	1	6400-10-10	Fitting
83	1	HSR-29	Hose assy
84	1	6400-10-10	Fitting
85	1	HSR-23	Hose assy
86	1	HSR16	Hose assy
87	1	HSR-15	Hose assy

HYDRAULICS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
88	1	6400-10-10	Fitting
89	1	FV-6975-GGJ-BECI	Flow control assy
90	1	HSR-14	Hose assy
91	1	6400-10-10	Fitting
92	1	11110513	Hydraulic motor
93	1	1910R	Check valve
94	1	6400-10-10	Fitting
95	1	6400-10-10	Fitting
96	1	HSR-24	Hose assy
97	1	6400-10-10	Fitting
98	1	6400-10-10	Fitting
103	1	6400-10-10	Fitting
104	1	DS200-X	Hydraulic motor
105	1	6400-10-10	Fitting
106	1	FG6500-10-10	Fitting (forged)
107	1	HSRA-1	Hose assy
108	1	FG6500-10-10	Fitting (forged)
109	1	6400-10-10	Fitting
110	1	11110513	Hydraulic motor
111	1	FV-6975-GGJ-BECI	Flow control assy
112	1	FG6801-06-04	Fitting (forged)
113	1	HSR-36	Hose assy
114	1	FG2650-06-06-06-06	Fitting (forged)
115	1	FG6501-06-06	Fitting (forged)
116	1	6400-10-10	Fitting
117	1	FG6500-10-10	Fitting (forged)
118	1	HSR-17	Hose assy
119	1	FG6502-10-10	Fitting (forged)
120	1	FG2500-10-10	Fitting (forged)
121	1	BE-A1	Tube
122	1	HSR-22	Hose assy
123	1	FG6502-10-10	Fitting (forged)
124	3	6400-10-10	Fitting
125	1	FG6502-10-10	Fitting (forged)
126	1	FG6500-10-10	Hose assy
127	1	HSR-31	Hose assy
128	1	HSRA-2	Hose assy
129	1	HSR-26	Hose assy
130	1	6400-10-08	Fitting
131	1	6400-10-10	Fitting
132	1	CVA-1284 KIT	PVG Valve Body
133	1	6400-10-10	Fitting

HYDRAULICS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
134	1	6602-10-10-10	Fitting
135	1	FG6500-10-10	Fitting
136	3	FG6505-10-08	Fitting
137	2	EDC-30S	Check Valve
138	3	2404-10-8	Fitting
139	1	FG6502-10-10	Fitting
140	1	6400-06-10	Fitting
141	1	HSR-45	Hose assy
142	1	FG2404-06-06	Fitting
143	1	6400-06-10	Fitting
144	1	FG6602-06-06-06	Fitting
145	1	6505-06-04	Fitting
146	1	PIDC25S	Check valve
147	1	FG2404-06-06	Fitting
148	1	HSR-47	Hose assy
149	1	6400-06-10	Fitting
150	1	HSRA-4	Hose assy
151	1	FG6400-06-06	Fitting
152	1	FG6400-06-06	Fitting
153	1	LB10503A	Red Pressure Relief Valve
153A	1	A02B2FZN	Pressure Relief Valve Cartridge
154	1	HSRA-5	Hose assy
155	1	FG6602-06-06-06	Fitting
156	1	HSR-48	Hose assy
157	2	BE-B1	Tube
158			
159	1	FG2403-06-06	Fitting
160	1	FG6602-06-06-06	Fitting (forged)
161	1	FG6500-06-06	Fitting (forged)
162	1	HSR-43	Hose assy
163	1	HSR-40	Hose assy
164	1	FG2404-06-06	Fitting
165	1	HSR-38	Hose assy
166	1	HSR-37	Hose assy
167	2	022633	Hydraulic cylinder
168	1	HSR-50	Hose assembly
169	1	FG6400-06-04	Fitting
170	1	1300100	Cooling fan hydraulic motor
170A	1	1300100-F	Cooling fan
170B	1	1300100-FC	Cooling fan torque adapter
171	1	6400-06-10	Fitting
172	1	HSR-34	Hose assy
173	1	6400-06-10	Fitting
174	1	6400-10-10	Fitting
175	1	FG6602-10-10-10	Fitting
176	1	FG2406-10-06	Fitting

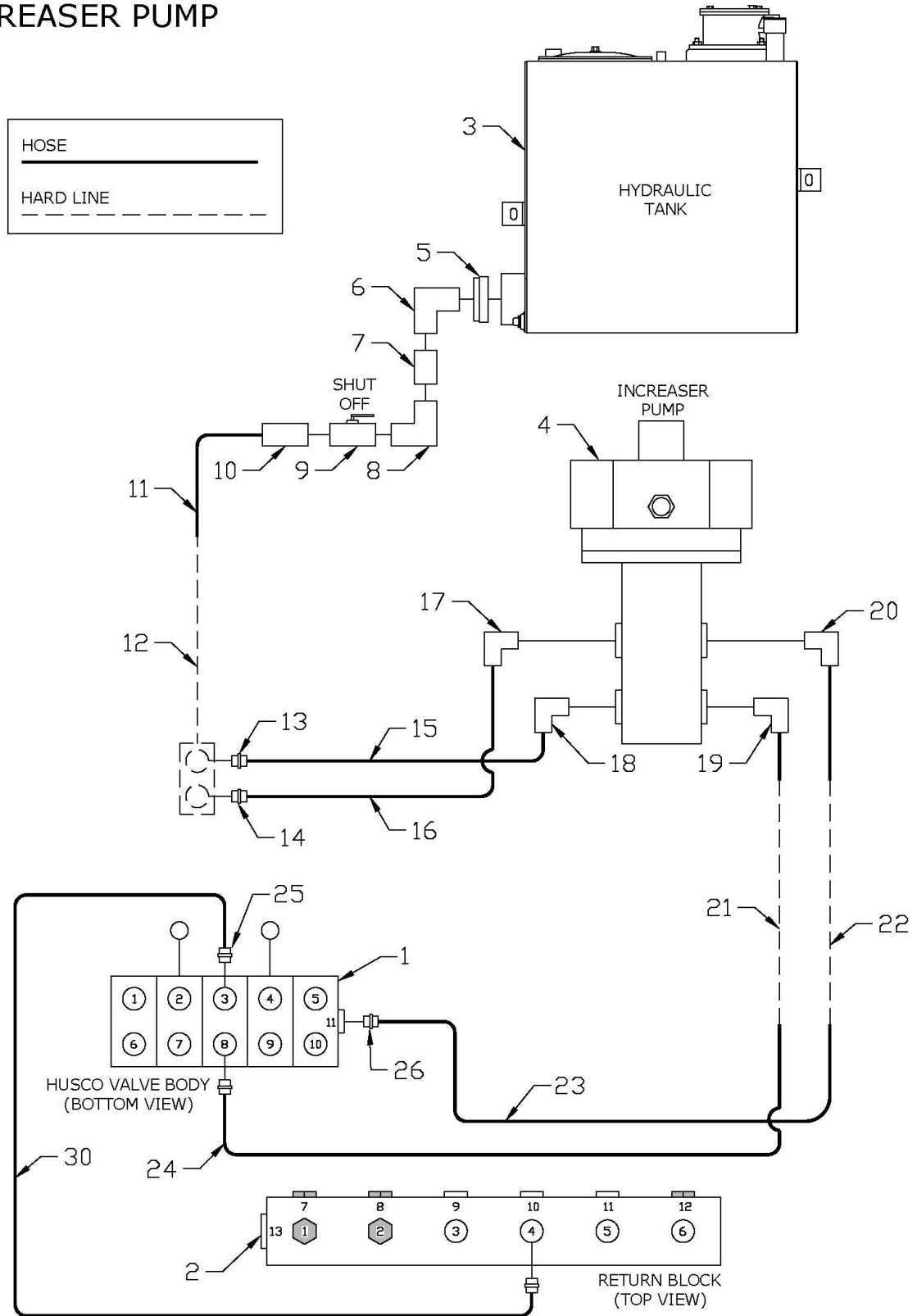
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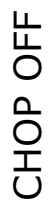
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
177	1	HSR-33	Hose assy
178	1	6400-06-10	Fitting
179	1	FG6400-10-12	Fitting
180	1	HSRA-6	Hose Assy
181	1	FG4601-20-20	Fitting
182	1	HSR-3	Hose assy
183	1	FG4501-20-16	Fitting
184	1	65032-2	Oil cooler
185	1	FG4501-20-16	Fitting
186	1	HSR-2	Hose assy
187	1	FG4503-20-20	Fitting
188	1	4444-20-20	Fitting
189	1	HSR-4	Hose assy
190	1	4444-20-20	Fitting
191	1	FG5504-20-20	Fitting (forged)
192	1	5400-N-20-3.0	Pipe
197	1	FG6502-10-10	Fitting (forged)
198	1	1910R	Check Valve
199	1	151-3442-X	Hydraulic motor
200	1	6400-10-10	Fitting
201	1	FG6502-10-10	Fitting (forged)
204	2	6400-06-10	Fitting
205	2	HSRA-7	Hose assy
206	1	CP220-1-8S	Pressure Relief Valve
207	2	A04B2HZN	Pressure Relief Valve Cartridge
208	4	6400-06-08	Fitting
209	2	HSRA-8	Hose assy
210	2	FG6400-06-06	Fitting
211	1	9-7257-4	Hydraulic Cylinder
216	2	SRA-AS400	Hydraulic Cylinder
217	2	6401-06-04	Fitting
218	2	6804-06-06-06	Fitting
219	4	2406-06-06-RST-031	Orifice Fitting
220	2	PIC20S	Check Valve
221	2	HSRA-10	Hose assy

HYDRAULICS

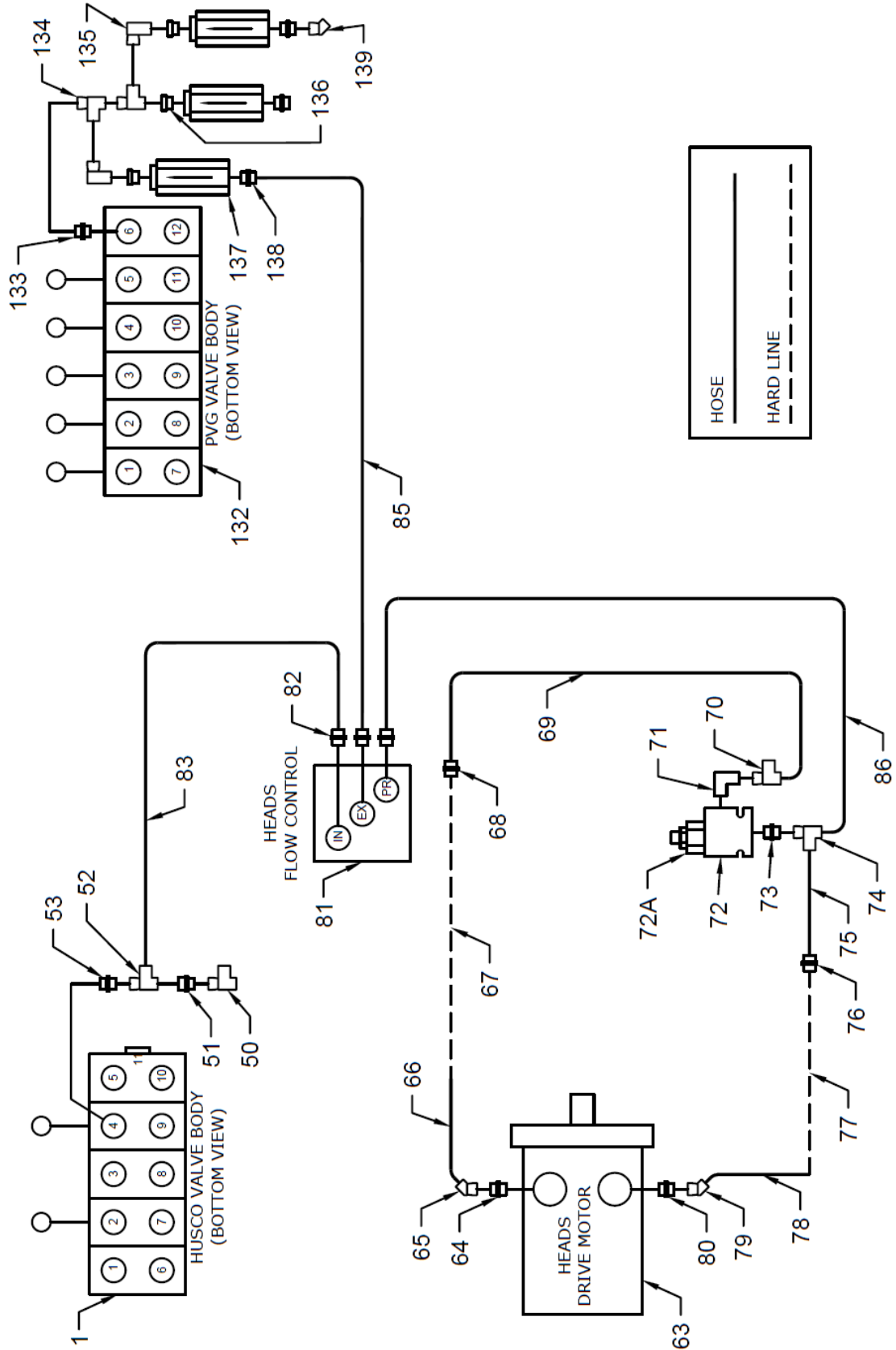
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
222	2	FG2501-06-04	Fitting
223	2	2404-06-04	Fitting
224	4	HSRA-11	Hose assy
225	4	FG2403-06-06	Fitting
226	4	5425HSRA-12	Hose assy
227	4	5406-08-06	Fitting
228	4	NV-12-M	Quick Coupler
229	1	FGFF6500-08-08	Fitting
230	3	FGFF6602-08-08-08	Fitting
231	1	5425HSRA-13	Hose assy
232	1	FF6400-06-08	Fitting
233	2	6801-06-06	Fitting
234	1	5425HSRA-14	Hose assy
235	1	FG6400-06-08	Fitting
236	1	760-0005	Steering Valve
237	1	FG6400-06-06	Fitting
238	2	5425HSRA-15	Hose assy
239	4	FG6400-06-08	Fitting
240	2	5425HSRA-16	Hose assy
241	1	FG6801-06-04	Fitting (forged)
242	1	HSR-49	Hose assembly
243	1	6400-06-10	Fitting
244	1	EF8-12-08	Bronze Bushing
245	1	HSRA-14	Hose Assy
246	2	HSRA-13	Hose Assy
247	2	6400-10-10	Fitting

INCREASER PUMP





HEADS DRIVE MOTOR



HOSE

HARD LINE

72A

72

73

71

70

1ST CONV. DRIVE MOTOR

91

92

93

90

98

88

89

1ST CONV. FLOW CONTROL

IN

EX

PR

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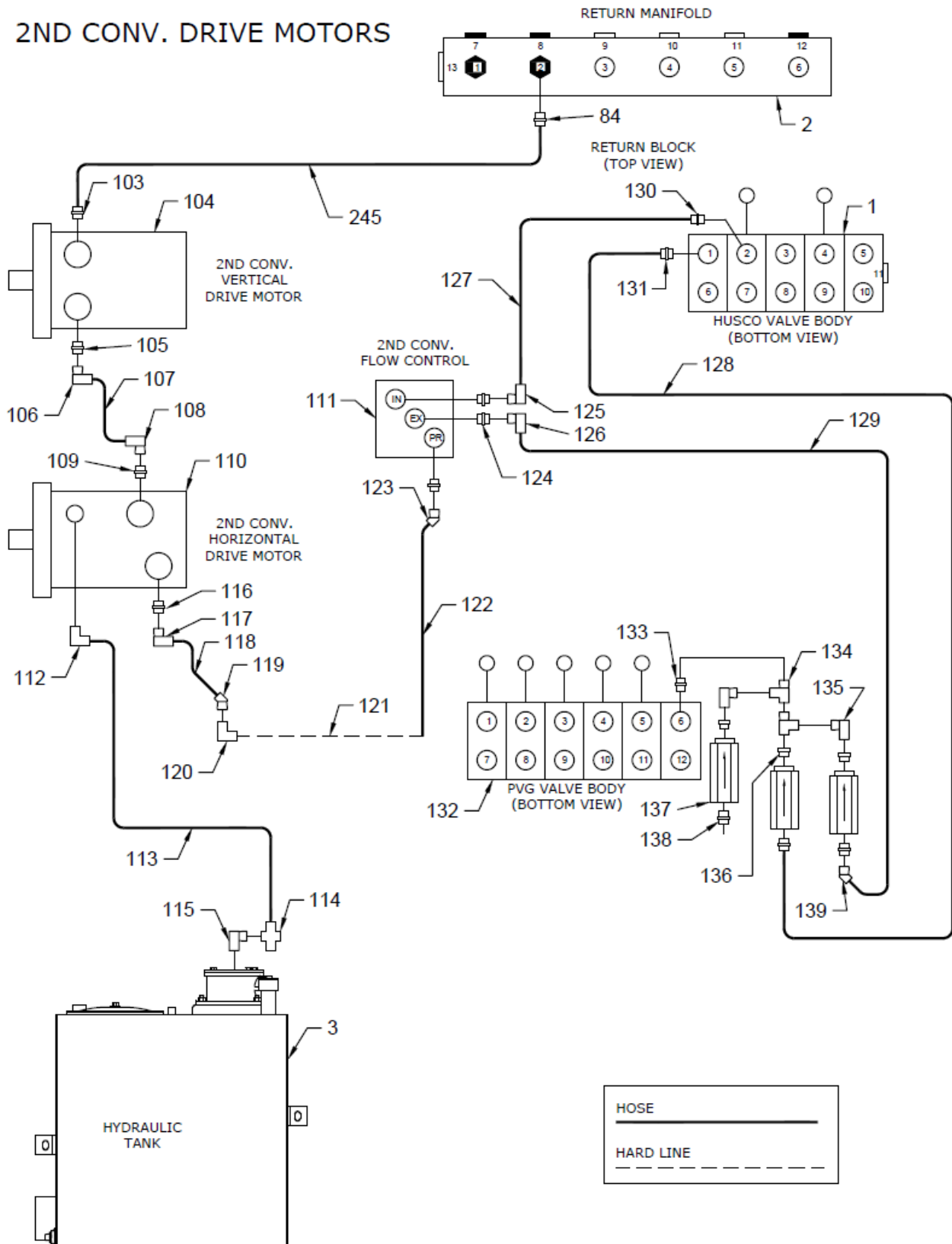
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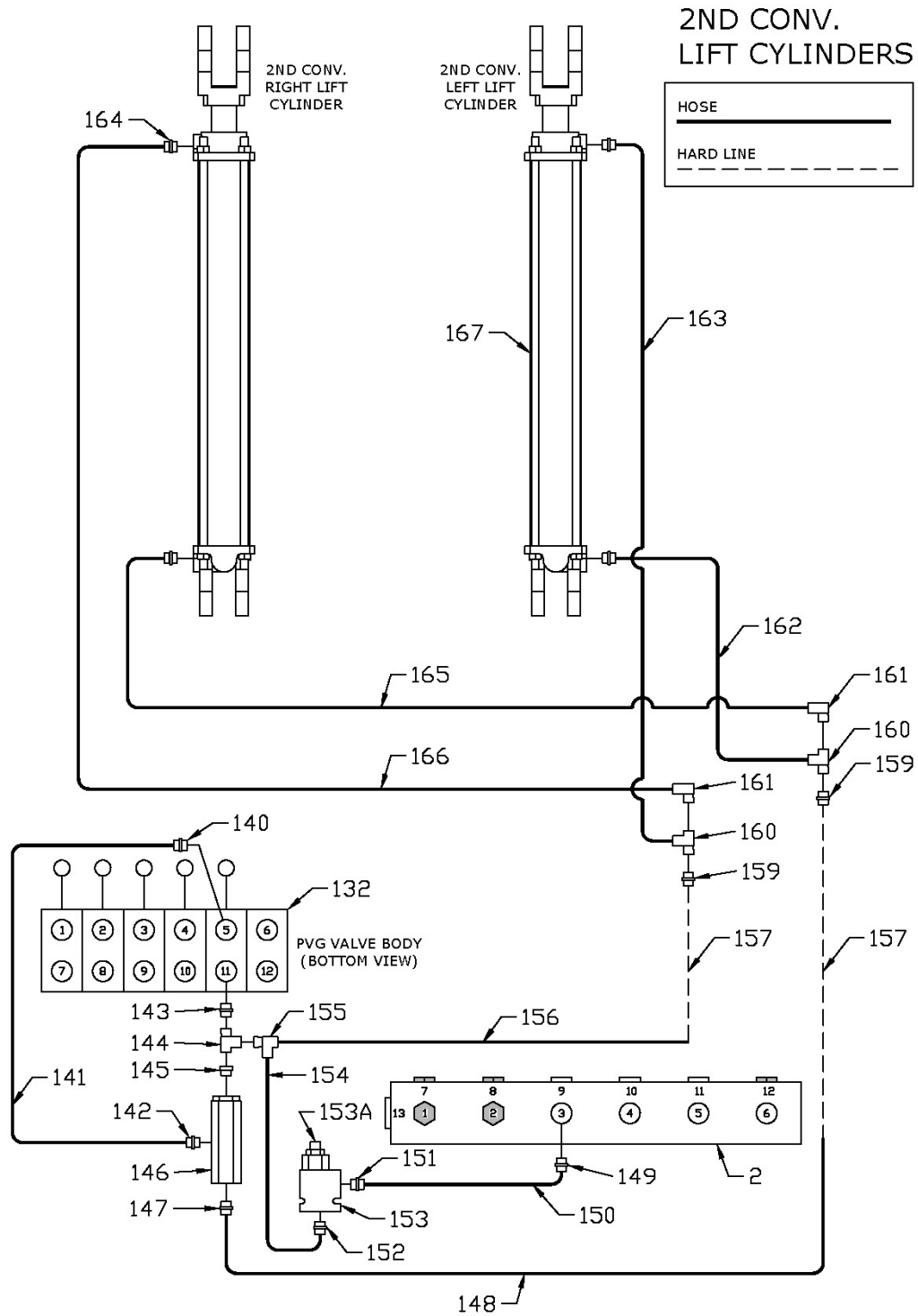
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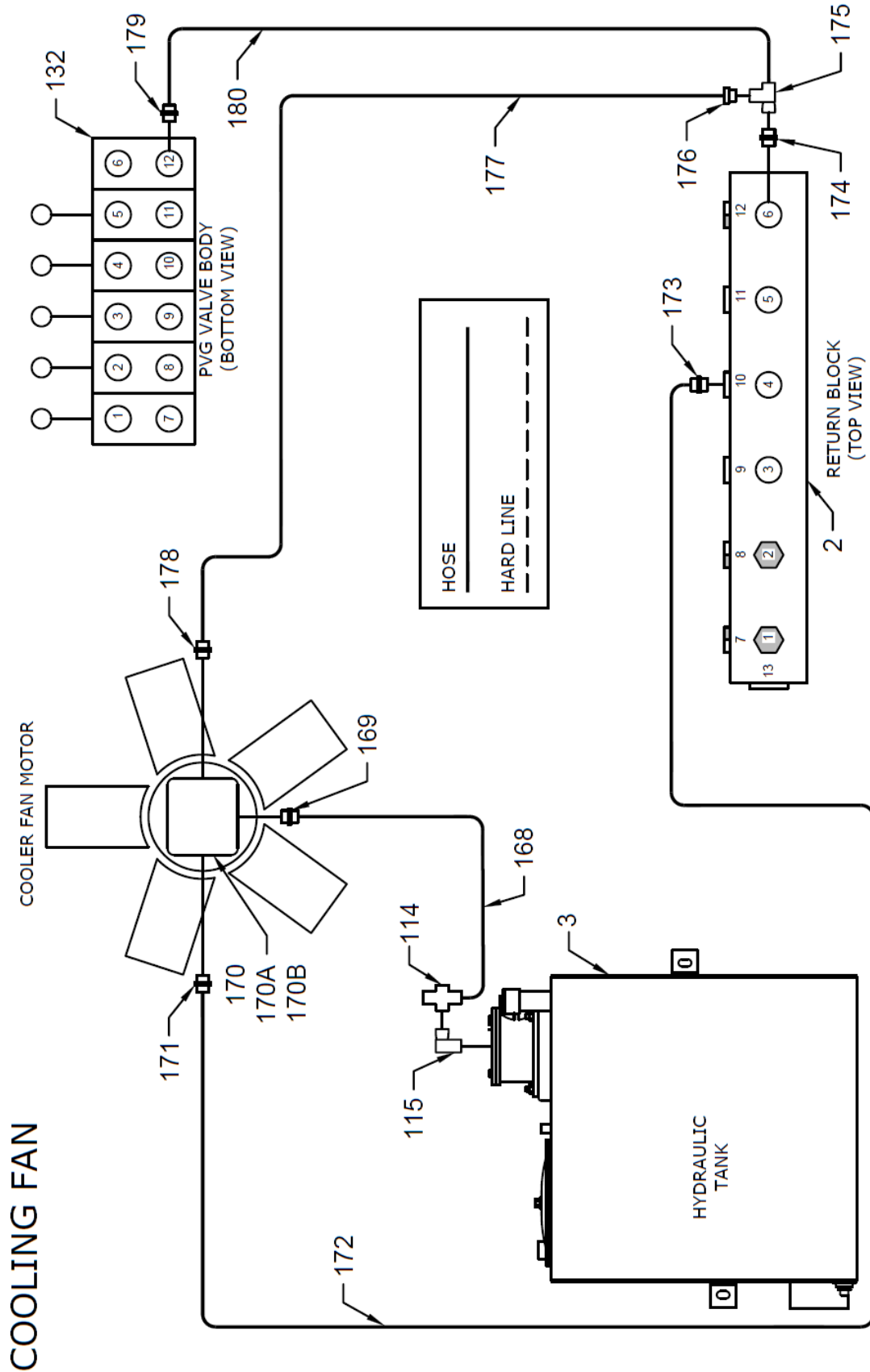
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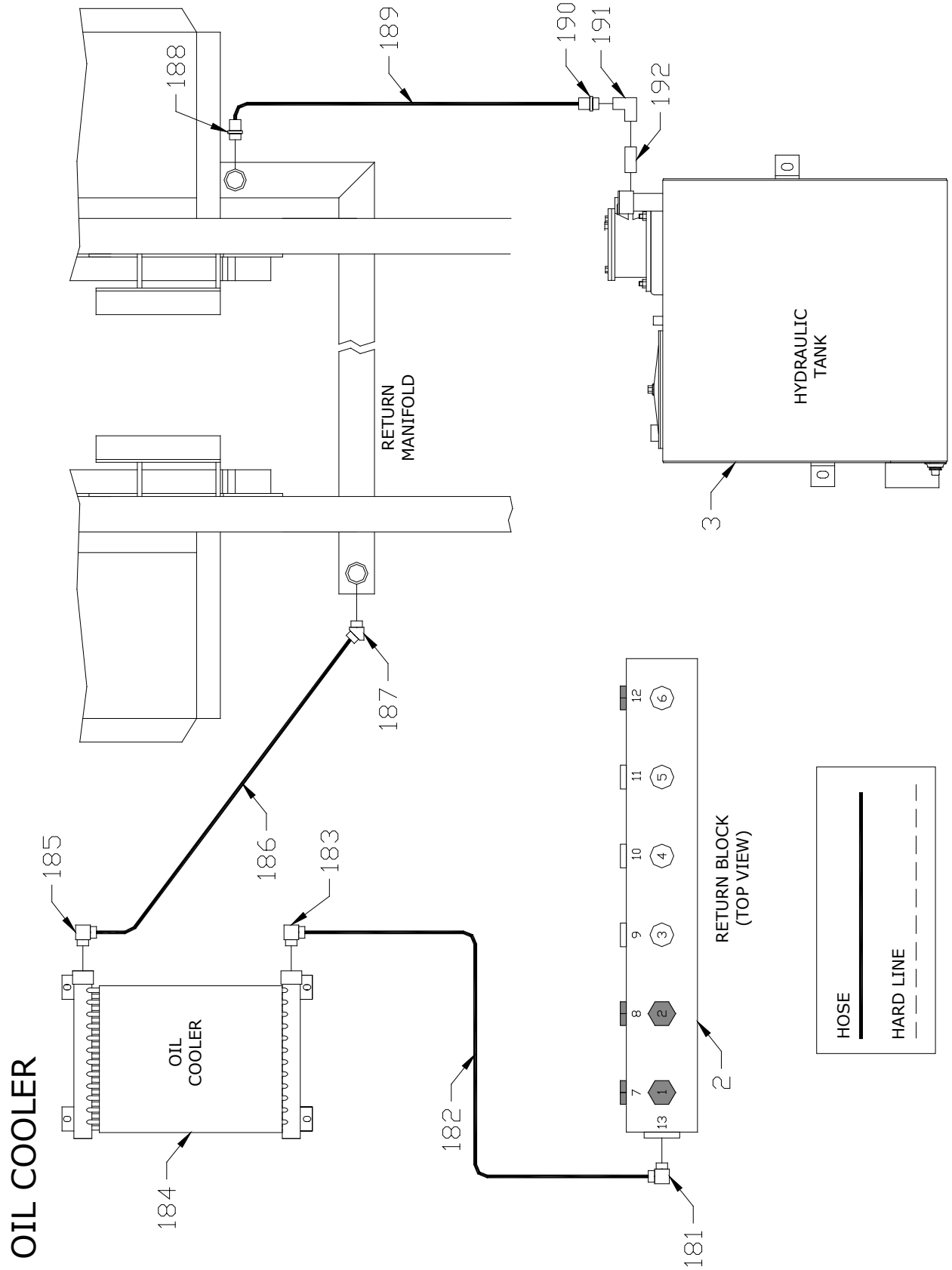
RETURN BLOCK (TOP VIEW)

2ND CONV. DRIVE MOTORS

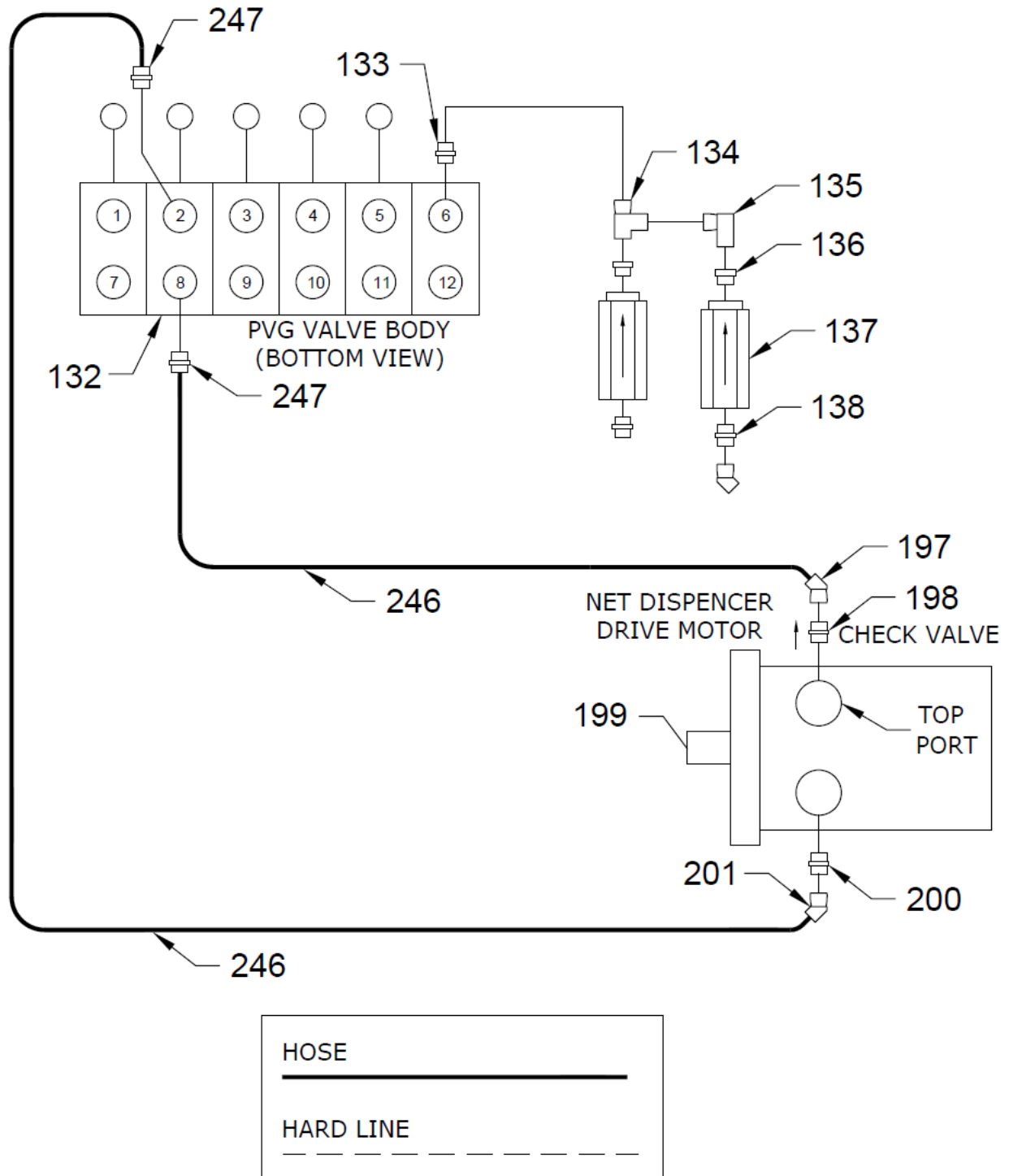




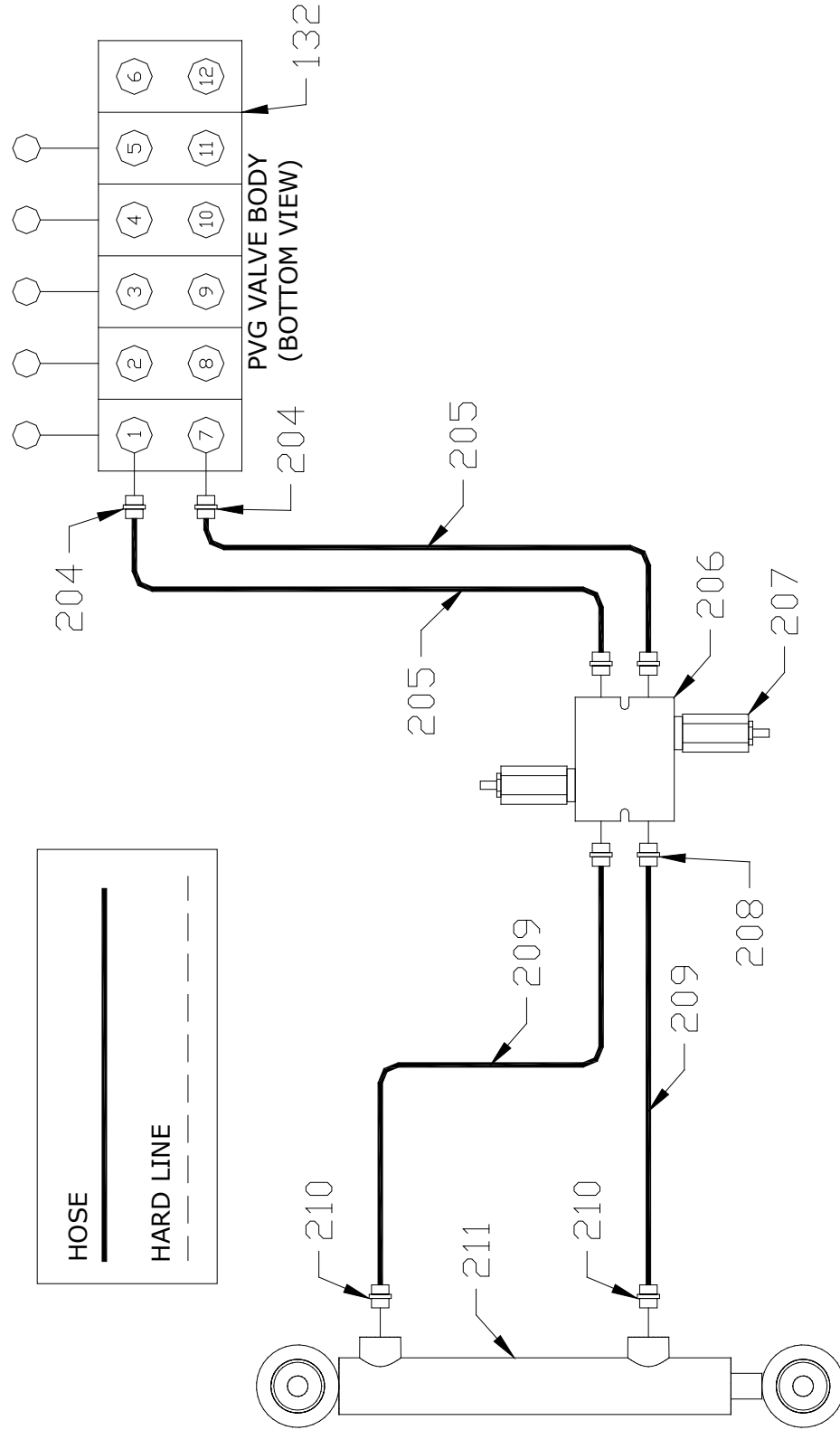




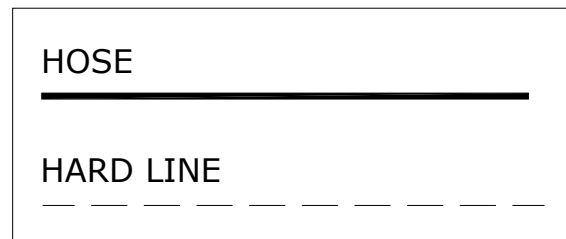
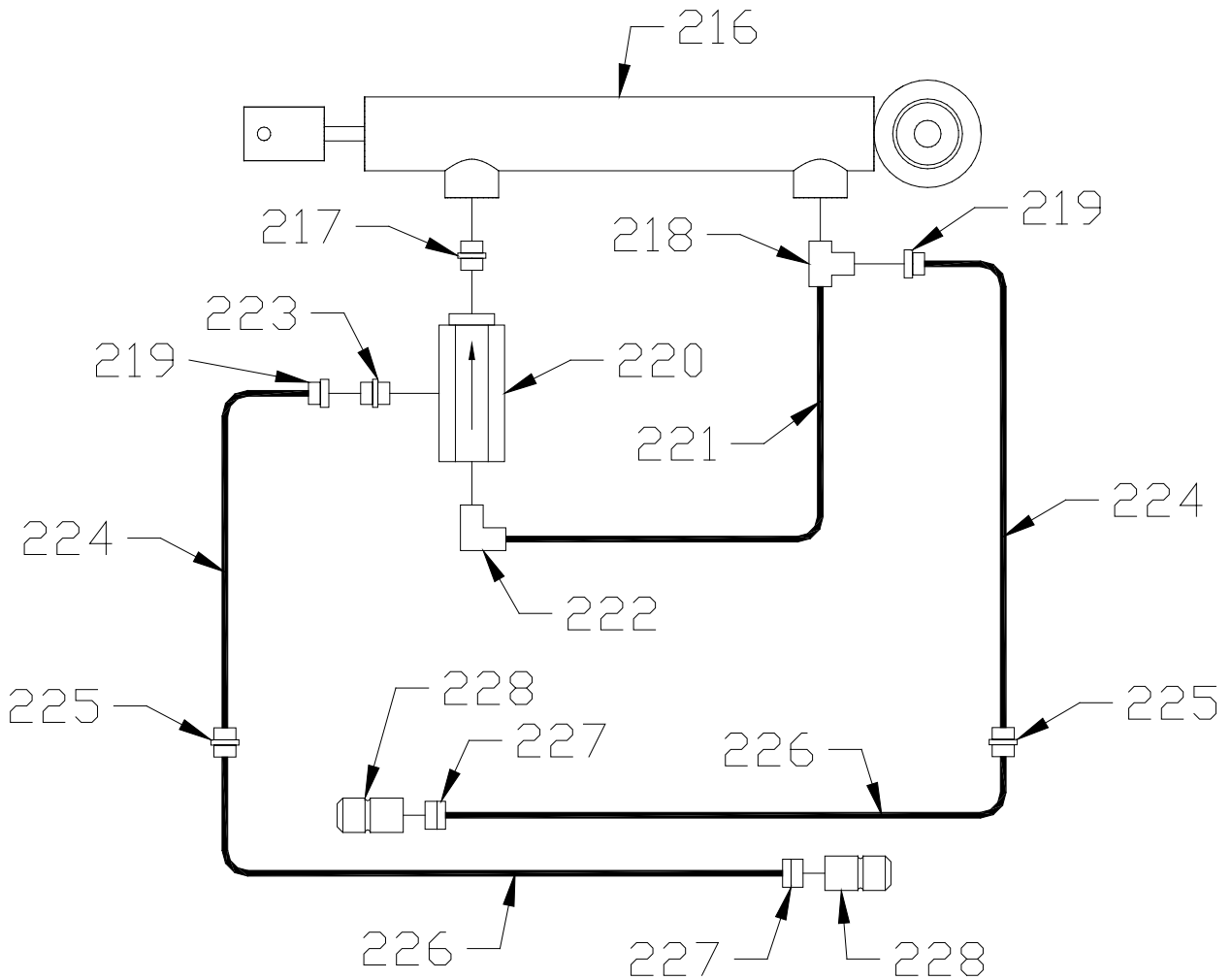
NET DISPENSER DRIVE MOTOR



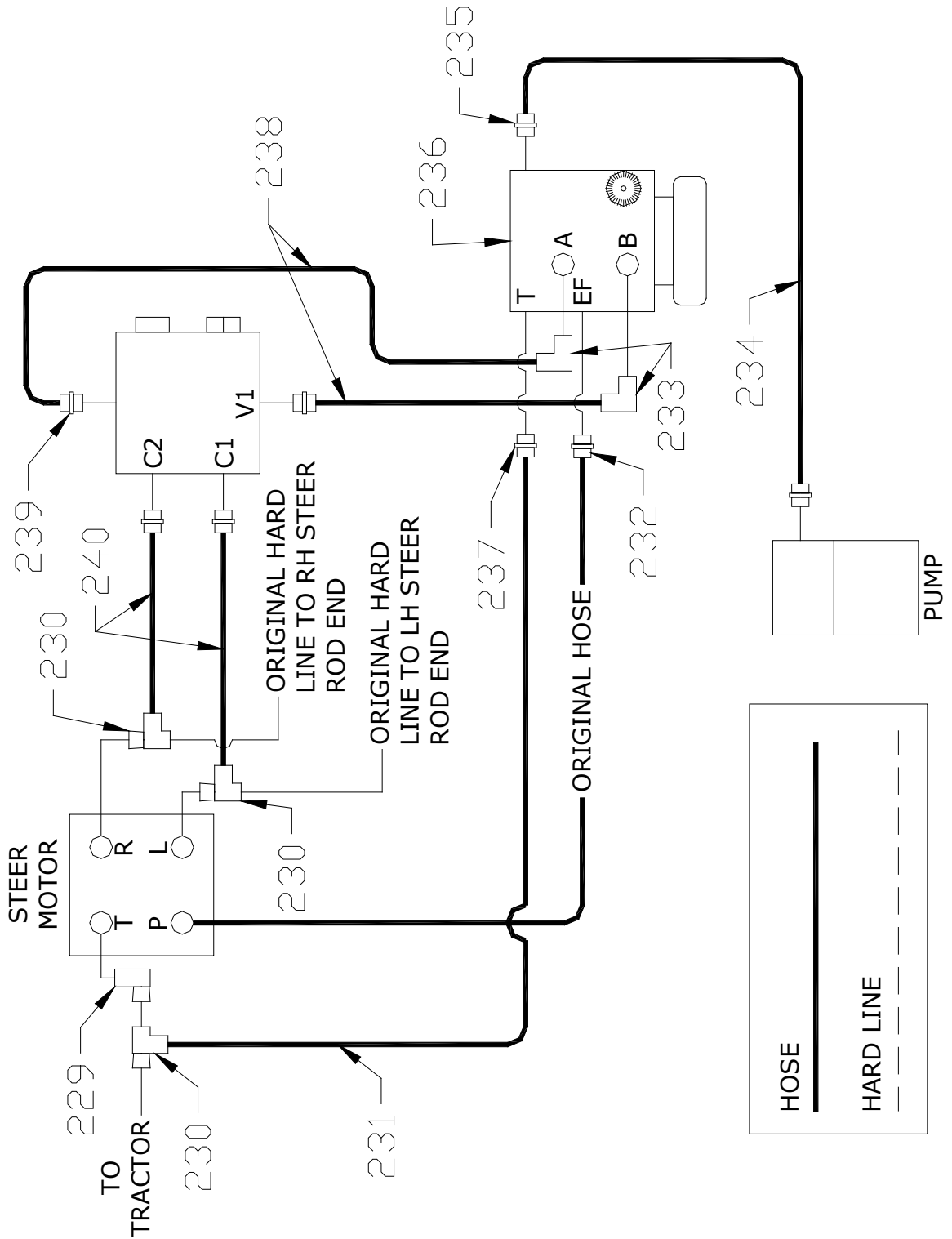
TUBE DISPENSER HYDRAULIC CYLINDER



AUTO-STEER HYDRAULIC CYLINDER



AUTO-STEER HYDRAULICS



HYDRAULICS

This image shows a full page of blank handwriting practice paper. It features approximately 28 evenly spaced horizontal black lines across the entire page, providing a guide for letter height and placement. The lines are uniform in thickness and extend from the left margin to the right edge of the paper. There are no vertical margins, text, or other markings present.

