

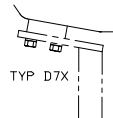
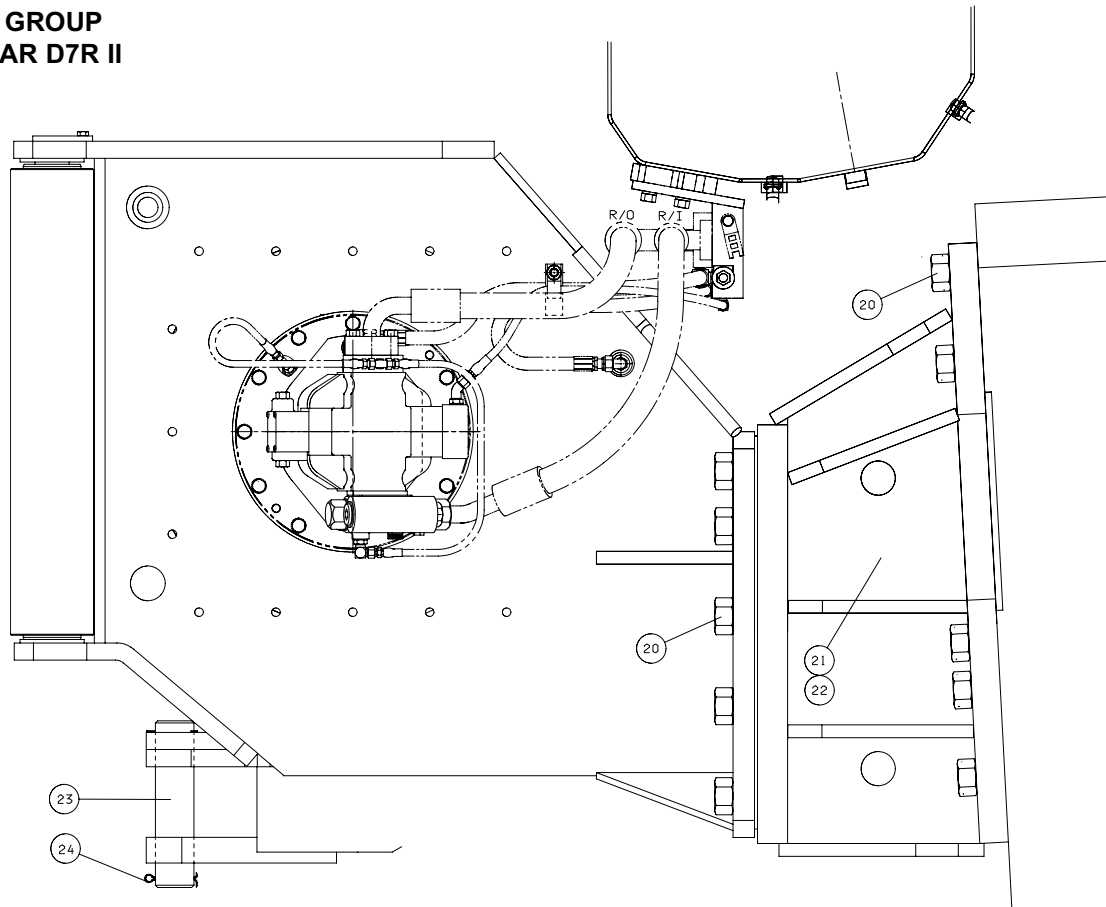
INSTALLATION AND PARTS MANUAL

MODEL PA57VS FOR D7R SERIES II TRACTORS

TABLE OF CONTENTS

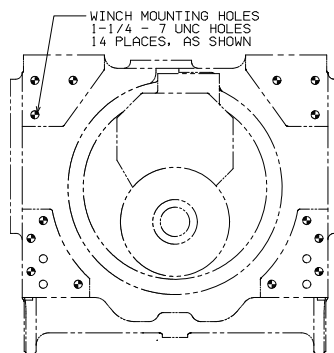
	PAGE
MOUNTING GROUP.....	2
WINCH MOTOR LINES GROUP.....	3
TRACTOR CONVERSION GROUP.....	4-9
HYDRAULIC SCHEMATIC.....	10
MANIFOLD & CARTRIDGE SUB-ASSEMBLY.....	11
HYDRAULIC MOTOR GROUP.....	12
BRAKE VALVE ASSEMBLY.....	13
WINCH HOUSING GROUP.....	14-15
BRAKE HOUSING ASSEMBLY.....	16
SPRAG CLUTCH ASSEMBLY.....	17
PRIMARY PLANET CARRIER ASSEMBLY.....	17
SECONDARY PLANET CARRIER ASSEMBLY.....	18
OUTPUT PLANET CARRIER ASSEMBLY.....	19
DRUM CLUTCH ASSEMBLY.....	20
COVERS AND FAIRLEAD GROUP.....	22-23

**MODEL PA57VS
MOUNTING GROUP
CATERPILLAR D7R II**



TYP D7X

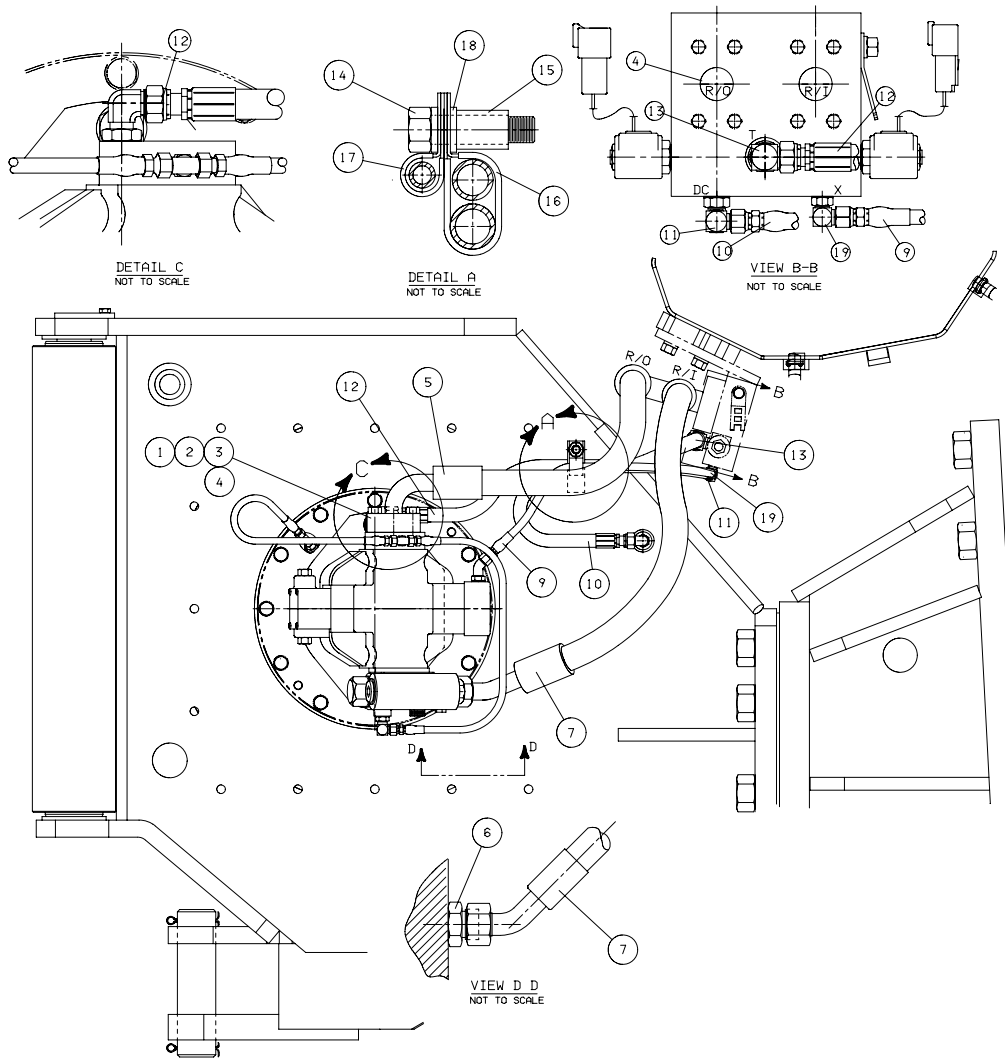
REF: MANIFOLD ASSEMBLY
MOUNTING POSITION



TRACTOR REAR FACE

ITEM #	PART #	DESCRIPTION	QTY
20	7X-0427	CAPSCREW 1 1/2 - 6 X 1 1/2 GD8	24
21	152-8371	RH ADAPTER, H110 CAT	1
22	152-8372	LH ADAPTER, H110 CAT	1
23	197-7837	HITCH PIN	1
24	3B-5320	COTTER PIN (3/8 X 3)	2

**MODEL PA57VS
WINCH MOTOR LINES GROUP
CATERPILLAR D7R II**

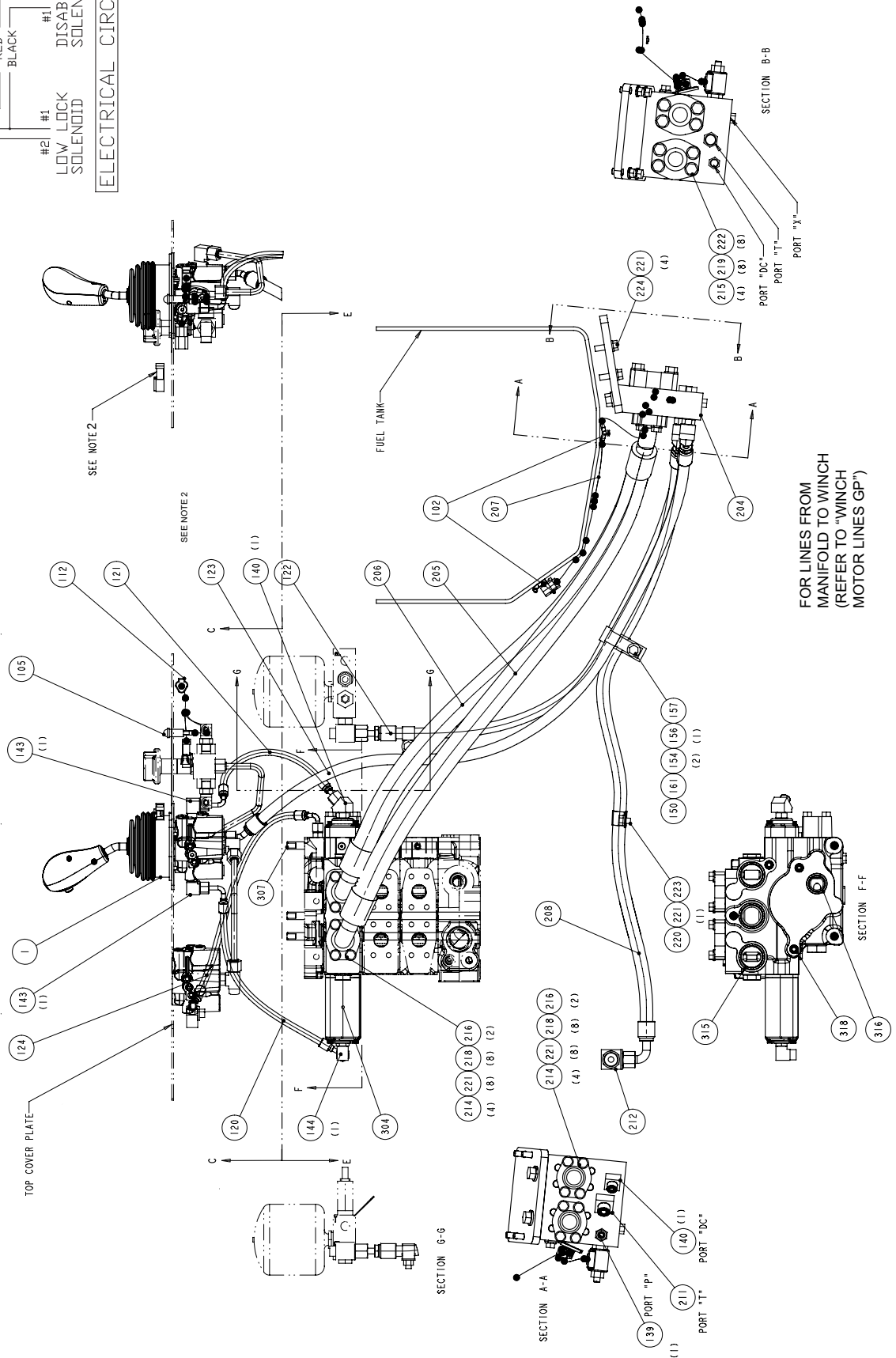
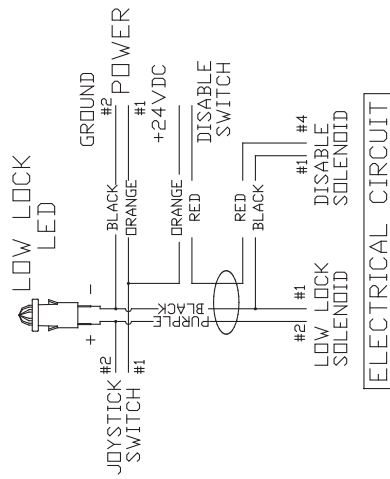


ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	1P-5766	SPLIT FLG, HALF	2
2	7X-0313	CAPSCREW, HEX HD, (7/16 - 14 x 2 3/4, GR8, Z)	4
3	8T-5360	WASHER, HARD (7/16, Z)	4
4	1P-3703	D-RING, SPLIT FLG.	3
5	163-3192	HOSE, -16 x 31.25	1
6	148-8317	ADAPTER	1
7	161-8889	HOSE, -16 x 32.68 XT6	1
9	8W-6688	HOSE, -4 x 26	1
10	152-8360	HOSE ASSY, -6 x 36	1
11	148-8378	ELBOW	1
12	163-3189	HOSE, -8 x 29.0	1
13	148-8364	ELBOW 90	1
14	7X-0326	CAPSCREW, HEX HD. (1/2 - 13 x 3, GR8, Z)	1
15	1F-1560	SPACER	1
16	6D-7573	CLIP, DOUBLE	1
17	1S-6420	HOSE CLAMP	1
18	8T-4223	WASHER, HARD (1/2, Z)	2
19	148-8369	ADAPTER, 90 ELBOW ORS/ORB	1

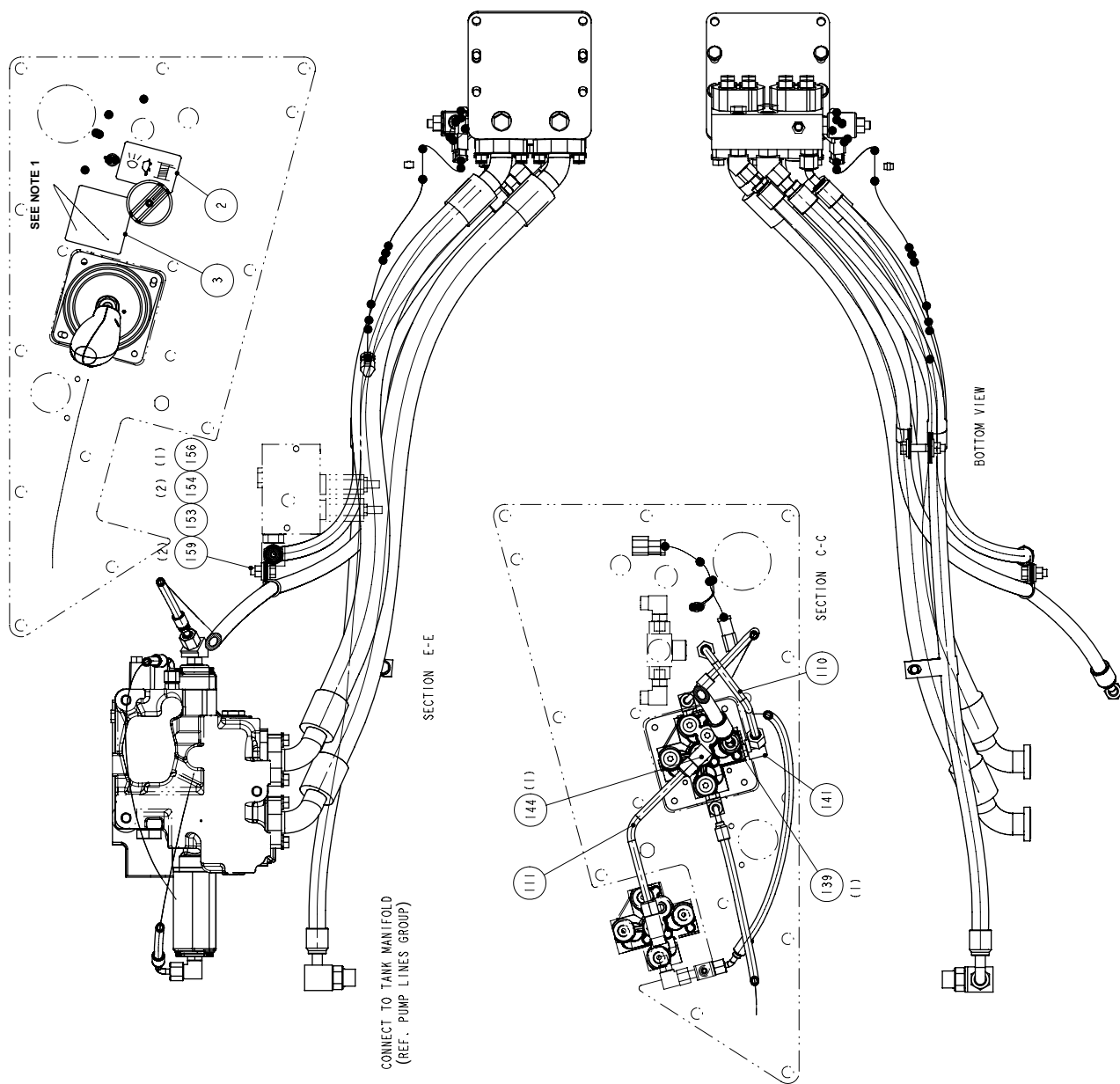
MODEL PA57VS
TRACTOR CONVERSION GROUP - D7R II - C/B
CATERPILLAR D7R II

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	160-0766	JOYSTICK ASSEMBLY	1
2	164-9928	DECAL, LOW RANGE LOCK	1
3	164-9930	DECAL, REEL-IN, REEL-OUT, DRUM CLUTCH	1
102	7K-1181	TIE STRAP	2
105	126-0810	INDICATOR LIGHT, GREEN, 24V	1
110	163-3434	TUBE	1
111	163-3435	TUBE	1
112	165-0107	WIRING HARNESS	1
120	172-5400	HOSE	1
121	172-5401	HOSE	1
122	172-5402	HOSE	1
123	172-5403	HOSE	1
124	172-5404	HOSE	1
139	148-8336	ADAPTER, -6 ORFS/ORB	2
140	148-8353	ELBOW 45 DEG	2
141	148-8361	ELBOW	1
143	148-8369	ADAPTER, 90 DEGREE ELBOW	2
144	148-8378	ELBOW	2
150	164-4225	CLIP	1
153	4L-6454	CAPSCREW, HEX HD (3/8 - 16 X 1, GD8, Z)	1
154	5P-1075	WASHER, HARD (3/8)	4
156	6V-8801	NUT (3/8-16)	2
157	7S-1912	CLIP	1
159	8M-2773	HOSE CLAMP	2
161	8T-2501	CAPSCREW, HEX HD (3/8 - 16 X 2, GD8, Z)	1
204	161-8893	MANIFOLD & SOLENOID VALVE ASSEMBLY (REF. PAGE 15)	1
205	169-6501	HOSE	1
206	169-6502	HOSE	1
207	170-4891	HARNESS ASSEMBLY	1
208	194-0530	HOSE	1
211	148-8354	ELBOW, 45 DEGREE	1
212	148-8372	ELBOW	1
214	1P-4577	SPLIT FLANGE HALF (CODE 61)	8
215	1P-5766	SPLIT FLANGE HALF	4
218	5S-7382	CAPSCREW, HEX HD, (1/2 - 13 x 1 3/8, GD8, Z)	16
219	8C-6877	CAPSCREW, HEX HD, (7/16 - 14 x 1 3/4, GD8, Z)	8
220	8S-0948	CLIP	1
221	8T-4896	WASHER, NARROW (3/8, Z)	21
222	8T-5360	WASHER, HARD (7/16, Z)	8
223	8T-9371	CAPSCREW, HEX HD, (3/8 - 16 x 1 1/2, GD8, Z)	1
224	9B-7237	CAPSCREW, HEX HD, (3/8 - 16 x 1 1/4, GD8, Z)	4
304	124-2906	CONTROL VALVE SECTION	1
307	164-7677	ROD	3
315	4J-0522	SEAL	3
316	4J-8997	O-RING	1
318	6V-5555	O-RING	3
319	196-1787	HYDRAULIC COOLER ARRANGEMENT (NOT SHOWN)	1

**MODEL PA57VS
GROUP - D7R II - C/B
CATERPILLAR D7R II**



MODEL PA57VS
TRACTOR CONVERSION GROUP - D7R II - C/B
CATERPILLAR D7R II



NOTE 1: LOCATED DECALS AS SHOWN. CLEAN COVER THOROUGHLY WITH ISOPRO-
 PLY ALCOHOL AND APPLY
 DECALS AS AREA IS DRY.

NOTE 2: ROUTE WIRES FROM
 JOYSTICK, ITEM 1, THROUGH
 MOUNTING PLATE, LEAVE
 ENOUGH SLACK TO PERMIT
 FREE HANDLE MOVEMENT.
 ASSEMBLE CONNECTORS AND
 CONNECT TO TRACTOR
 WIRING HARNESS.

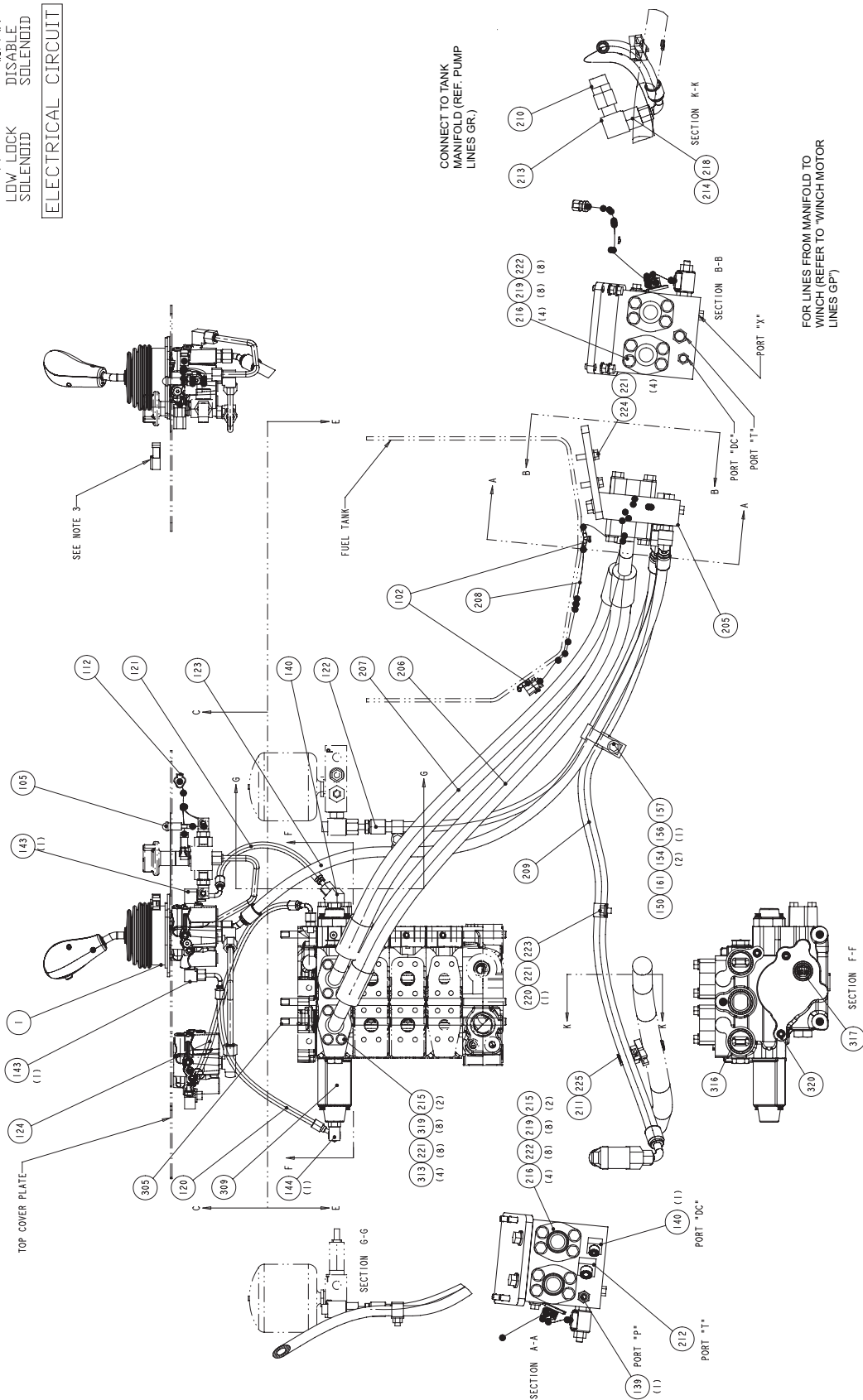
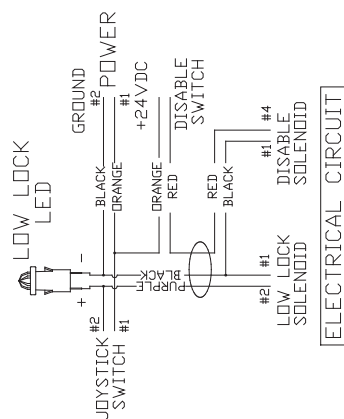
MODEL PA57VS
TRACTOR CONVERSION GROUP-D7RII DS
CATERPILLAR D7R II

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	160-0766	CONTROL, JOYSTICK ASSY	1
2	164-9928	DECAL, LOW SPEED LOCK	1
3	164-9930	DECAL, REEL-IN/REEL-OUT/DRUM CLUTCH	1
102	7K-1181	STRAP, BLACK 16571-0002	2
105	126-0810	INDICATOR LIGHT	1
110	163-3434	TUBE ASSY	1
111	163-3435	TUBE ASSY	1
112	165-0107	WIRING HARNESS	1
120	172-5400	HOSE	1
121	172-5401	HOSE	1
122	172-5402	HOSE	1
123	172-5403	HOSE	1
124	172-5404	HOSE	1
139	148-8336	ADAPTER, ORFS/ORB	2
140	148-8353	ELBOW, 45 DEG	2
141	148-8361	ELBOW	1
143	148-8369	ADAPTER, 90 ELBOW ORS/ORB	2
144	148-8378	ELBOW	2
150	164-4225	CLIP	1
153	4L-6454	CAPSCREW, HEX HD. (3/8 - 16X1, GD8, Z)	1
154	5P-1075	WASHER, HARD (3/8)	4
156	6V-8801	NUT, HEX (3/8 - 16, Z)	2
157	7S-1912	CLIP	1
159	8M-2773	HOSE CLAMP	2
161	8T-2501	CAPSCREW, HEX HD. (3/8 - 16X2, GD8, Z)	1
205	161-8893	MANIFOLD & CARTRIDGE SUB ASSY (REFER TO PAGE 11)	1
206	170-0462	HOSE	1
207	170-0463	HOSE	1
208	170-4891	HARNESS ASSEMBLY	1
209	194-0530	HOSE	1
210	148-8322	ADAPTER, -10ORB/-12ORFS	1
212	148-8354	ELBOW 45	1
213	148-8392	ELBOW, -12ORFS/-12ORFS SWIVEL	1
214	148-8418	REDUCER, -8ORFS/-12ORFS SWIVEL	1
215	1P-3703	D-RING, SPLIT FLG	4
216	1P-5766	SPLIT FLG, HALF	8
218	6V-8556	NUT	1
219	8C-6877	CAPSCREW, HEX HD. (7/16 - 14 x 1 3/4, GD8, Z)	16
220	8S-0948	CLIP	1
221	8T-4896	WASHER, NARROW (3/8, Z)	13
222	8T-5360	WASHER, HARD (7/16, Z)	16
223	8T-9371	CAPSCREW, HEX HD (3/8 - 16 x 1/2, GD8, Z)	1
224	9B-7237	CAPSCREW, HEX HD (3/8 - 16 x 1 1/4, GD8, Z)	4
305	164-6174	ROD	3
309	187-0741	CONTROL VALVE SECTION	1
313	1P-5765	SPLIT FLANGE HALF	4
316	4J-0522	SEAL	3
317	4J-8997	O-RING	1
319	5S-7383	CAPSCREW, HEX HD (3/8 - 16 x 1 3/4, GD8, Z)	8
320	6V-5555	O-RING	3

MODEL PA57VS **TRACTOR CONVERSION GROUP-D7RII DS** **CATERPILLAR D7R II**

NOTE 1: LOCATED DECALS AS SHOWN. CLEAN COVER THOROUGHLY WITH ISOPROPYL ALCOHOL AND APPLY DECALS AS AREA IS DRY.

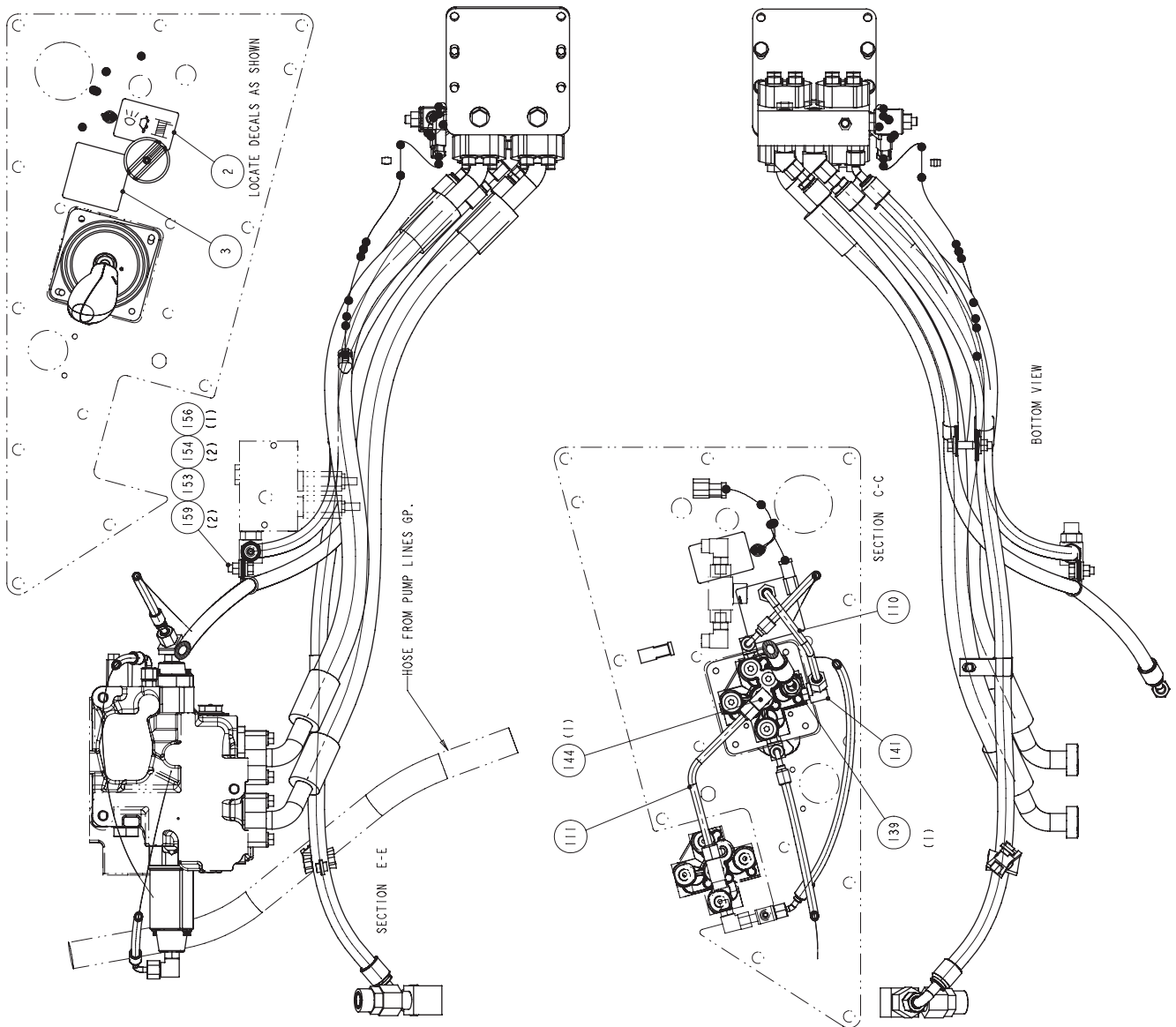
NOTE 2: ROUTE WIRES FROM JOYSTICK, ITEM 1, THROUGH MOUNTING PLATE. LEAVE ENOUGH SLACK TO PERMIT FREE HANDLE MOVEMENT. ASSEMBLE CONNECTORS AND CONNECT TO TRACTOR WIRING HARNESS.



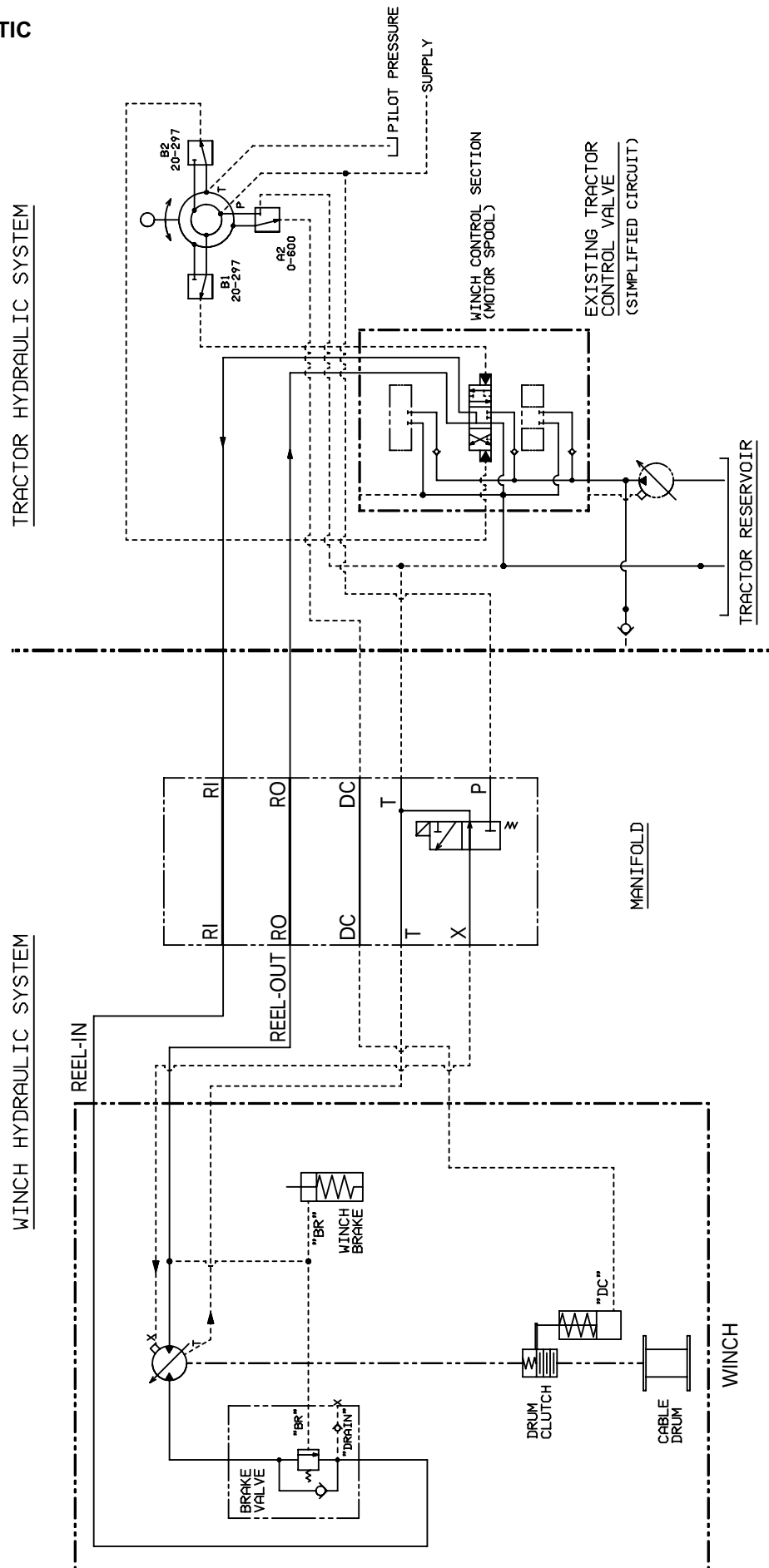
**MODEL PA57VS
TRACTOR CONVERSION GROUP-D7RII DS
CATERPILLAR D7R II**

NOTE 1: LOCATED DECALS AS SHOWN. CLEAN COVER THOROUGHLY WITH ISOPROPYL ALCOHOL AND APPLY DECALS AS AREA IS DRY.

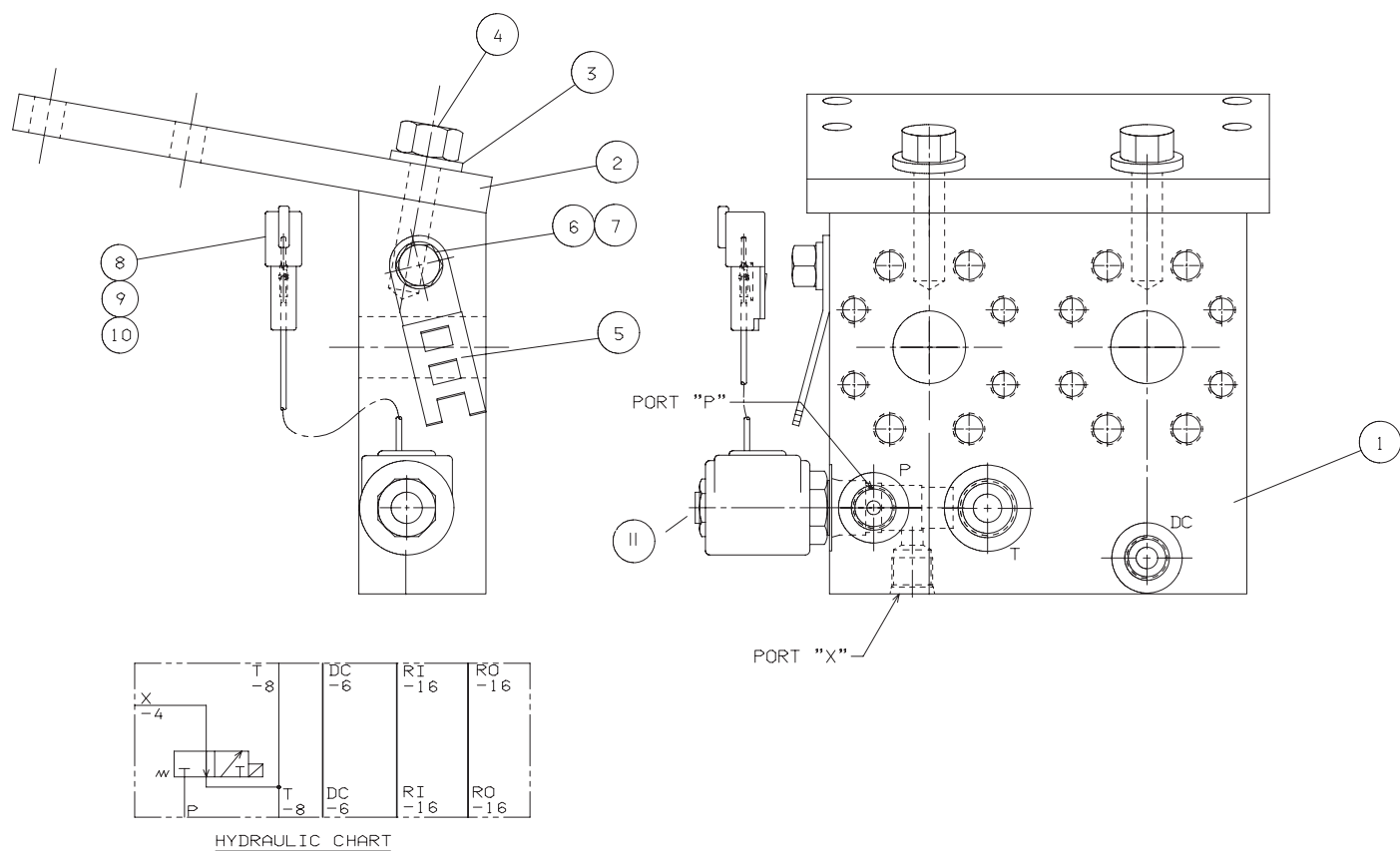
NOTE 2: ROUTE WIRES FROM JOYSTICK, ITEM 1, THROUGH MOUNTING PLATE, LEAVE ENOUGH SLACK TO PERMIT FREE HANDLE MOVEMENT. ASSEMBLE CONNECTORS AND CONNECT TO TRACTOR WIRING HARNESS.



**MODEL PA57VS
HYDRAULIC SCHEMATIC
CATERPILLAR D7R II**

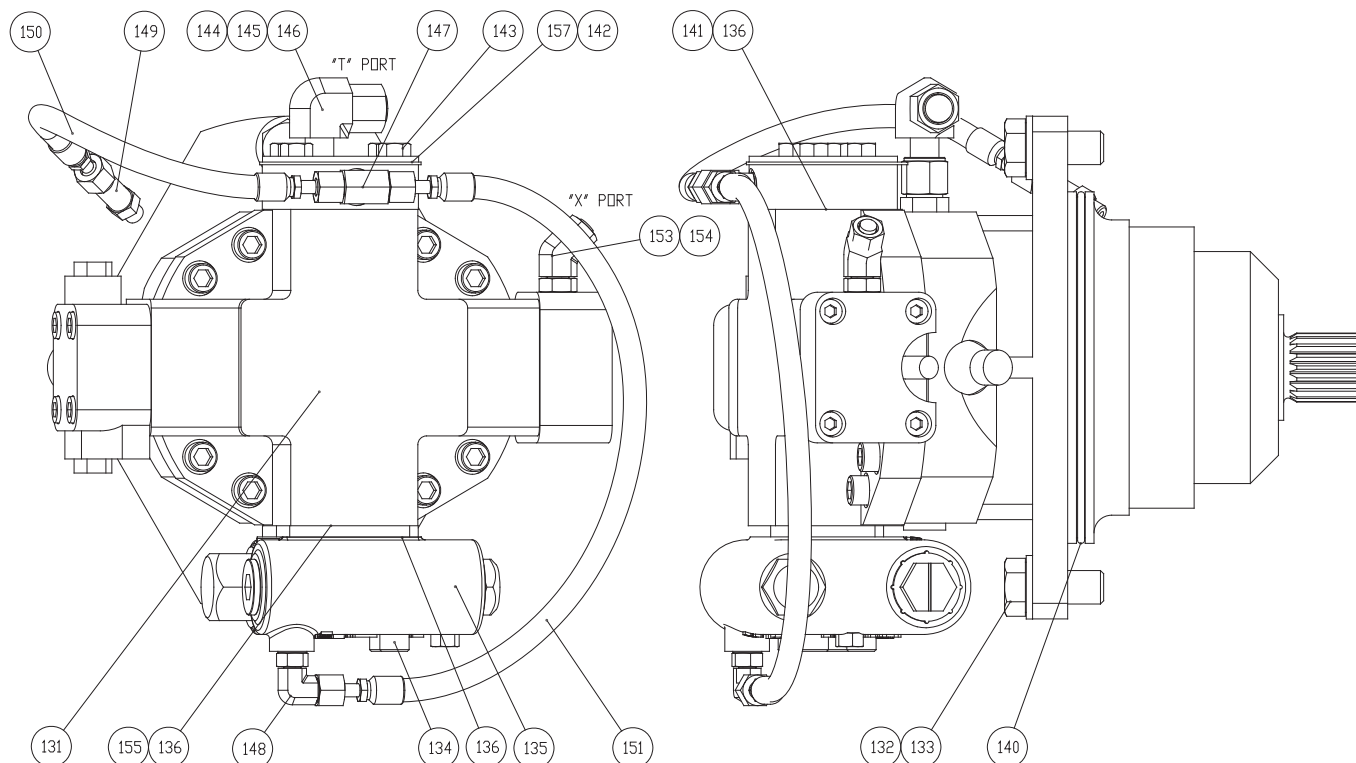


**MODEL PA57VS
MANIFOLD AND CARTRIDGE SUB-ASSEMBLY
CATERPILLAR D7R II**



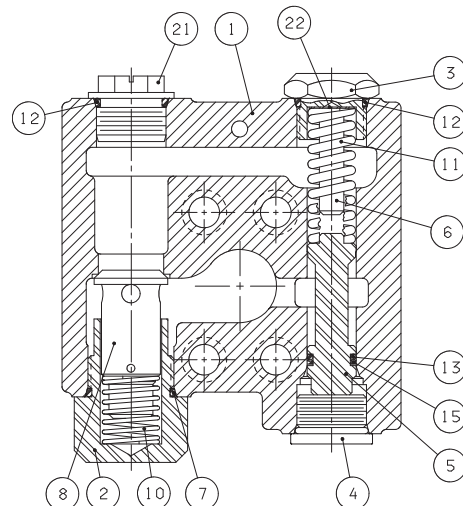
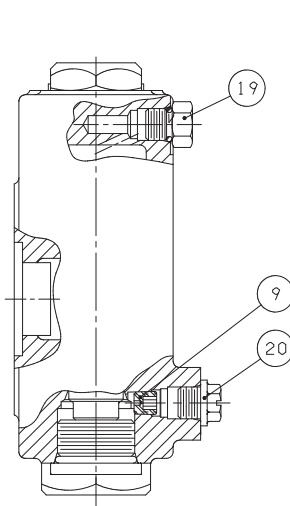
ITEM NO.	PART NO.	DESCRIPTION	QTY.
	161-8893	MANIFOLD & SOL. VLV. ASSEMBLY (ITEMS 1-10 BELOW)	1
1	161-8885	MANIFOLD	1
2	161-8891	PLATE, ADAPTER	1
3	8T-4223	WASHER	2
4	8T-8917	CAPSCREW	2
5	4P-7581	CLIP	1
6	5P-8167	BOLT	1
7	8T-4896	WASHER, HARD	1
8	3E-3364	RECEPTACLE	1
9	3E-3365	WEDGE, CONNECTOR	1
10	8T-8729	CONTACT PIN	2
11	126-0858	CARTRIDGE, SOLENOID VALVE	1
---	127-1955	SEAL KIT FOR ITEM 11	1
---	126-3900	COIL FOR ITEM 11	1

MODEL PA57VS
HYDRAULIC MOTOR GROUP
CATERPILLAR D7R II

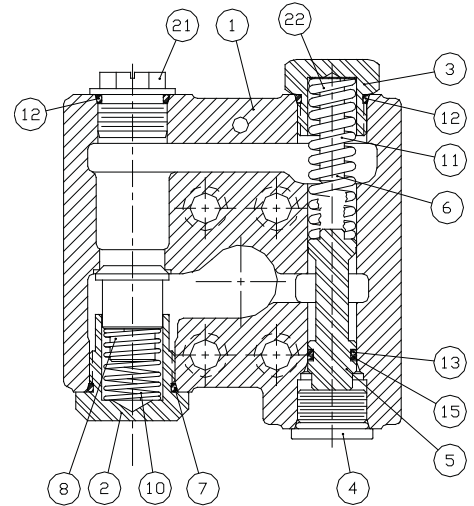


ITEM NO.	PART NO.	DESCRIPTION	QTY.	
			PS	D/S
131	158-6532	HYDRAULIC MOTOR (D7R D/S)		1
	195-7954	HYDRAULIC MOTOR (D7R C/B)	1	
132	8T-9398	CAPSCREW, HEX HEAD (3/4 - 10 X 1 3/4 G8, Z)	2	2
133	8T-4994	WASHER (3/4)	2	2
134	3J-4567	CAPSCREW, SOCKET HEAD (7/16 - 14 X 3 G8)	4	4
135	126-2864	BRAKE VALVE ASSEMBLY, REF. PG. 13	1	1
136	4F-7391	O-RING	3	3
140	119-1586	O-RING	1	1
141	126-0824	ADAPTER BLOCK	1	1
142	---	SHIPPING COVER	1	1
143	8C-6877	CAPSCREW, HEX HEAD (7/16 - 14 X 1 3/4 G5) - FOR SHIPPING ONLY	4	4
144	7U-8897	ADAPTER, -8 / M18 METRIC	1	1
145	148-8370	ELBOW, SWIVEL 90 deg -8	1	1
146	6V-9830	CAP, -8	1	1
147	148-8432	TEE, -4	1	1
148	148-8369	ELBOW, 90 DEG -4	1	1
149	150-4042	ADAPTER, -4	1	1
150	152-8368	HOSE -4, ORFS 14 in. (356 mm) PAY-OUT PORT TO BRAKE PORT	1	1
151	152-8369	HOSE -4, ORFS 20 in. (508 mm) PAY-OUT PORT TO BRAKE VALVE "BR" PORT	1	1
153	150-3033	ELBOW, 45 deg -4	1	1
154	6V-9828	CAP, -4	1	1
155	126-0837	SPACER	1	1
157	---	GASKET, SHIPPING COVER	1	1

**MODEL PA57VS
BRAKE VALVE ASSEMBLY**



**Inlet Relief Valve
Before July 2003**



**Inlet Check Valve
After July 2003**

NOTE: Early Brake Valves were equipped with a relief valve-type poppet (8), spring (10) and retainer (2) that are now replaced by the check valve poppet shown above.

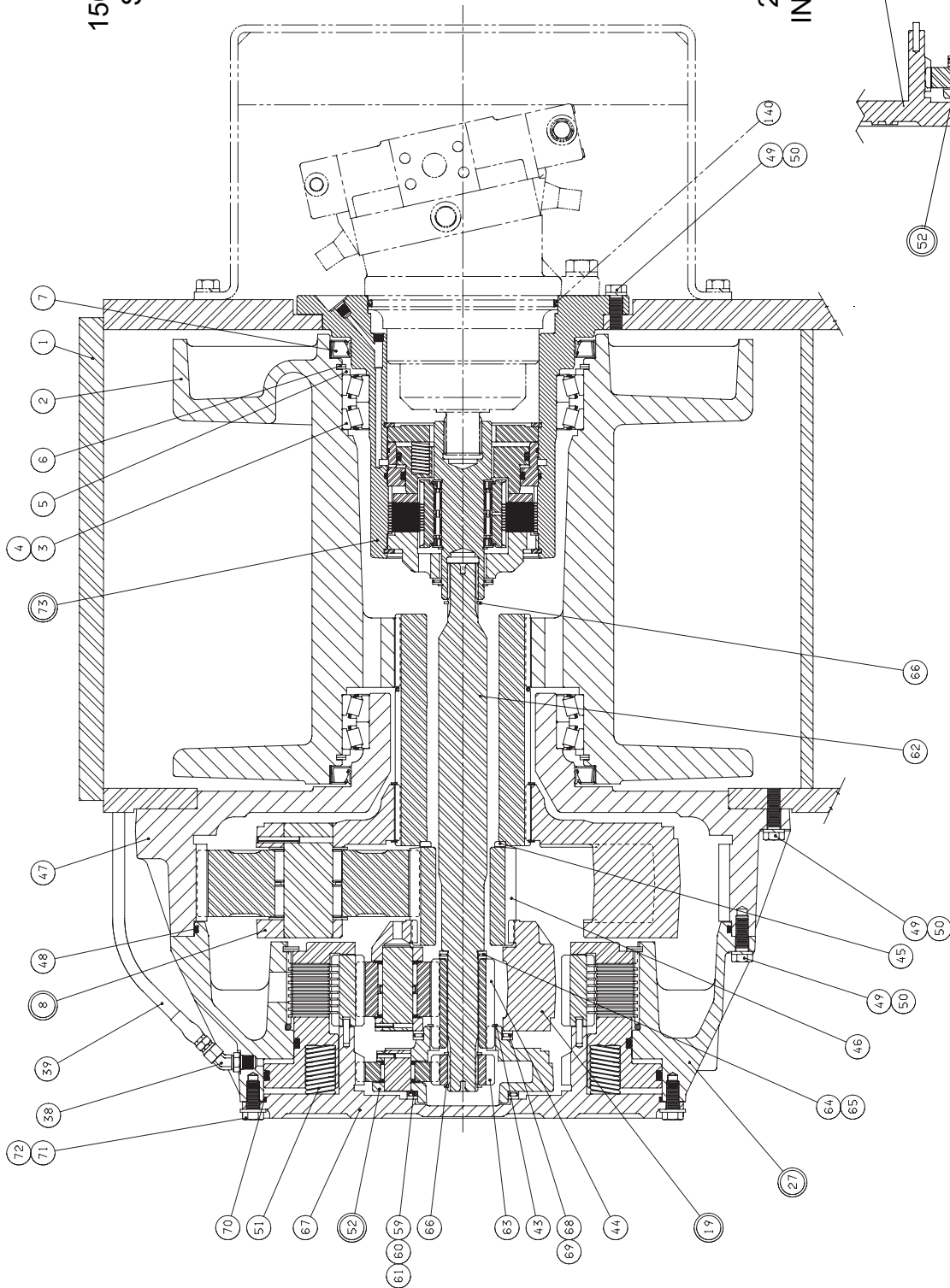
ITEM NO.	PART NO.	DESCRIPTION	QTY.
-	126-2864	BRAKE VALVE ASSEMBLY	1
1	NSS	BRAKE VALVE HOUSING	1
2	NSS	VALVE, SPRING RETAINER	1
3	NSS	PLUG, SPRING RETAINER	1
4	9S-8008	PLUG	1
5	NSS	SPOOL, LOW PRESSURE	1
6	126-2454	SPOOL STOP	1
7	7M-8485	O-RING	1
8	NSS	CHECK VALVE POPPET	1
9	126-2453	PILOT ORIFICE	1
10	126-0817	CHECK VALVE SPRING	1
11	NSS	DIE SPRING	1
12	3D-2824	O-RING	2
13	4J-5268	O-RING	1
15	126-3349	BACK-UP RING	1
19	155-3624	HEX HEAD PLUG (-4SAE)	1
20	NSS	SHIPPING PLUG HYD	1
21	NSS	SHIPPING PLUG	1
22	8J-7269	SHIM, VALVE SPRING	1

NSS: Not Serviced Separately

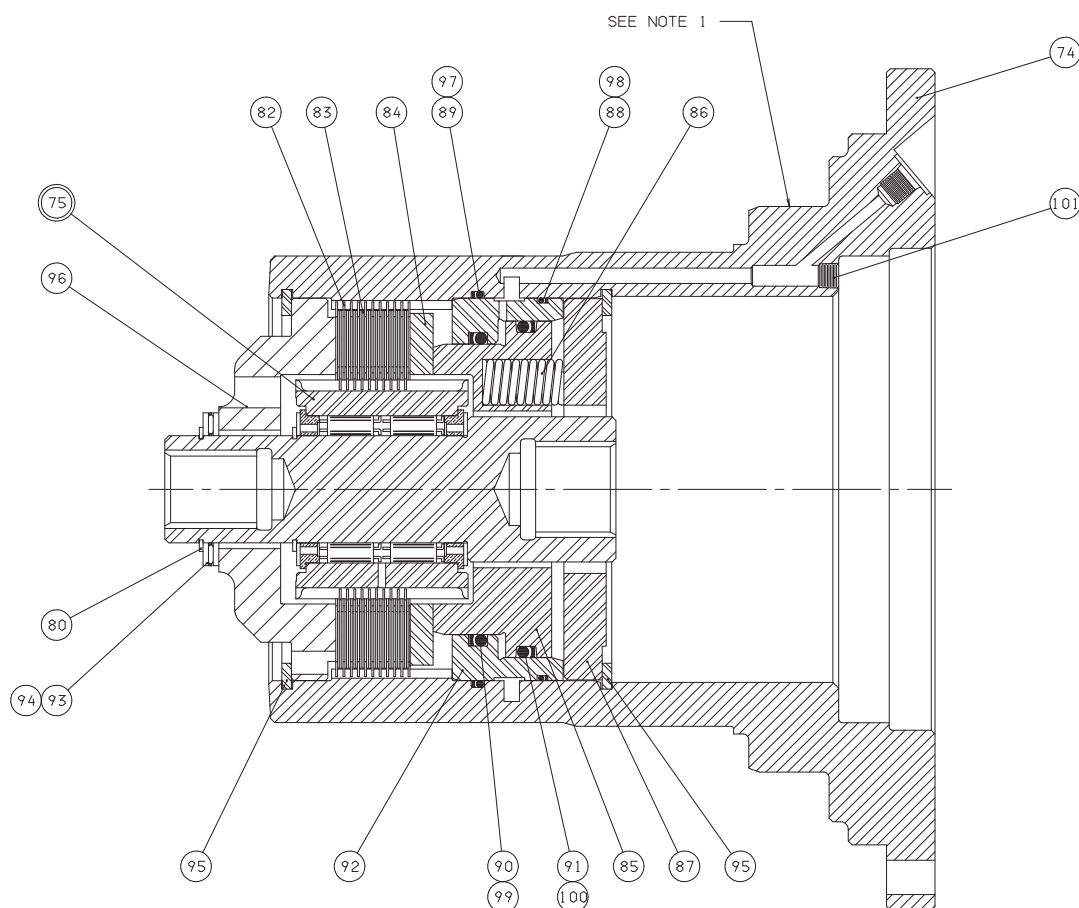
MODEL PA57VS
WINCH HOUSING GROUP

ITEM NO.	PART NO.	DESCRIPTION	QTY.	
			D/S RATIO	C/B RATIO
1	126-2470	WINCH HOUSING	1	1
2	126-7137	CABLE DRUM	1	1
3	110-8366	BEARING CONE	4	4
4	110-8368	BEARING CUP	4	4
5	126-0774	SPACER RING	2	2
6	5P-9171	RETAINING RING	2	2
7	126-0772	OIL SEAL	2	2
8	126-7136	OUTPUT PLANET CARRIER ASSEMBLY (REFER TO PAGE 19)	1	1
19	126-2860	SECONDARY PLANET CARRIER ASSEMBLY (REFER TO PAGE 18)	1	1
27	152-8359	DRUM CLUTCH (REFER TO PAGE 20)	1	1
38	148-8353	ELBOW, 45 DEG (-6 ORB/ORFS)	1	1
39	169-4018	HOSE (-6 ORFS x 34.00)	1	1
43	8C-3232	SNAP RING	1	1
44	126-0841	SECONDARY SUN GEAR	1	1
45	126-0781	THRUST RACE	1	1
46	126-0840	OUTPUT SUN GEAR	1	1
47	126-0854	OUTPUT RING GEAR	1	1
48	4H-6730	O-RING	1	1
49	5P-2566	CAPSCREW, HEX HD (1/2-13 X 1 1/2, GD8, Z)	46	46
50	8T-4223	WASHER, HARD (1/2, Z)	46	46
51	126-0780	SPRING	20	20
52	126-2861	PRIMARY PLANET CARRIER, (REFER TO PAGE 17)	--	1
	152-8361	PRIMARY PLANET CARRIER, (REFER TO PAGE 17)	1	--
59	126-0793	THRUST RACE	1	1
60	126-0792	THRUST BEARING	1	1
61	126-2462	THRUST BEARING	1	1
62	126-0851	INTERMEDIATE SHAFT	--	1
	152-8364	INTERMEDIATE SHAFT	1	--
63	126-0839	PRIMARY SUN GEAR	--	1
	152-8365	PRIMARY SUN GEAR	1	--
64	064-0011	THRUST RACE	2	2
65	8H-9585	BEARING	1	1
66	126-0797	RETAINING RING	3	2
67	126-0850	END COVER	--	1
	152-8366	END COVER	1	--
--	126-0795	DOWEL PIN, INSTALLED IN COVER, ITEM 67	8	8
68	126-2465	THRUST WASHER	2	2
69	126-0795	THRUST BEARING	1	1
70	7S-8561	O-RING	1	1
71	8T-8917	CAPSCREW, HEX HED (1/2 -13 x 1 1/4, GD8, Z)	10	10
72	8T-4223	WASHER, HARD (1/2, Z)	10	10
73	140-7268	BRAKE HOUSING ASSEMBLY (REFER TO PAGE 16)	1	1
158	6V-9807	UNION, 90 deg	1	1
159	6V-9829	CAP (6)	1	1

245:1 RATIO
INSTALLATION

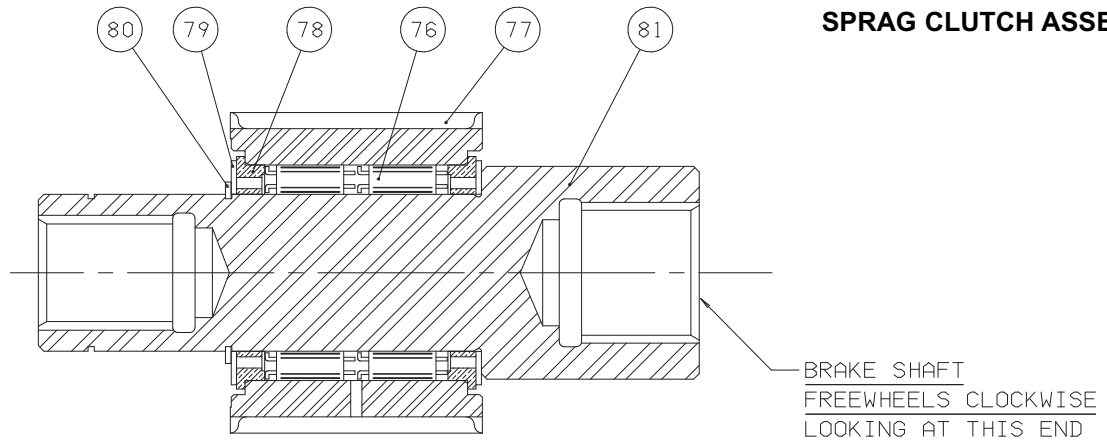


MODEL PA57VS
BRAKE HOUSING ASSEMBLY



ITEM NO.	PART NO.	DESCRIPTION	QTY.
74	126-2469	BRAKE HOUSING	1
75	126-2863	SPRAG CLUTCH ASSEMBLY (REFER TO PAGE 17)	1
80	6V-7700	SNAP RING	1
82	126-0827	BRAKE DISC	11
83	126-0828	FRICTION DISC	10
84	126-0800	BRAKE PLATE SPACER	1
85	126-0829	BRAKE PISTON	1
86	126-0798	SPRING	13
87	126-0830	SPRING RETAINER	1
88	5P-3864	O-RING	1
89	8M-4704	O-RING	1
90	1P-9005	O-RING	1
91	8J-1688	O-RING	1
92	126-0826	BRAKE CYLINDER	1
93	126-2457	THRUST RACE	2
94	126-0808	NEEDLE BEARING	1
95	126-0807	SNAP RING	2
96	126-0825	BRAKE RETAINER	1
97	126-3167	BACK-UP, RING	1
98	126-3168	BACK-UP, RING	1
99	126-3169	BACK-UP, RING	1
100	126-3170	BACK-UP, RING	1
101	096-5971	PIPE PLUG (1/8 NPT)	1

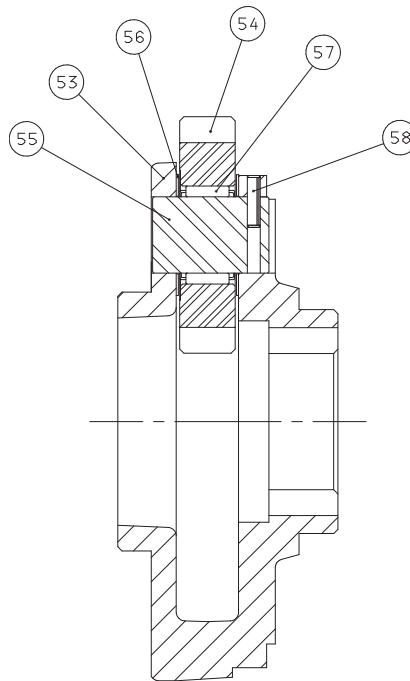
**MODEL PA57VS
SPRAG CLUTCH ASSEMBLY**



ITEM NO.	PART NO.	DESCRIPTION	QTY.
--	126-2863	SPRAG CLUTCH ASSEMBLY	1
76	NSS	SPRAG CLUTCH	2
77	NSS	OUTER BRAKE RACE	1
78	NSS	SPRAG BEARING	2
79	119-1572	THRUST BEARING	2
80	6V-7700	SNAP RING	1
81	NSS	BRAKE SHAFT	1

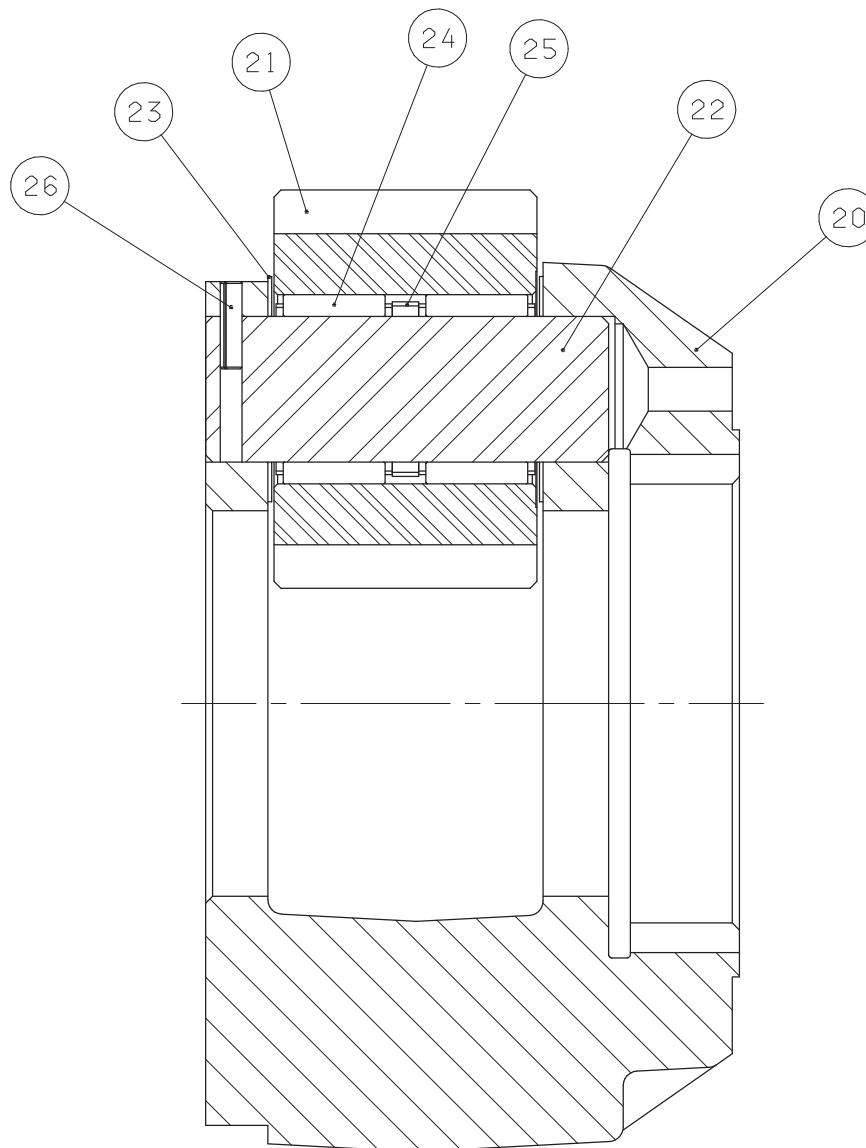
NSS = Not Serviced Separately

**MODEL PA57VS
PRIMARY PLANET CARRIER ASSEMBLY
CATERPILLAR D7R II**



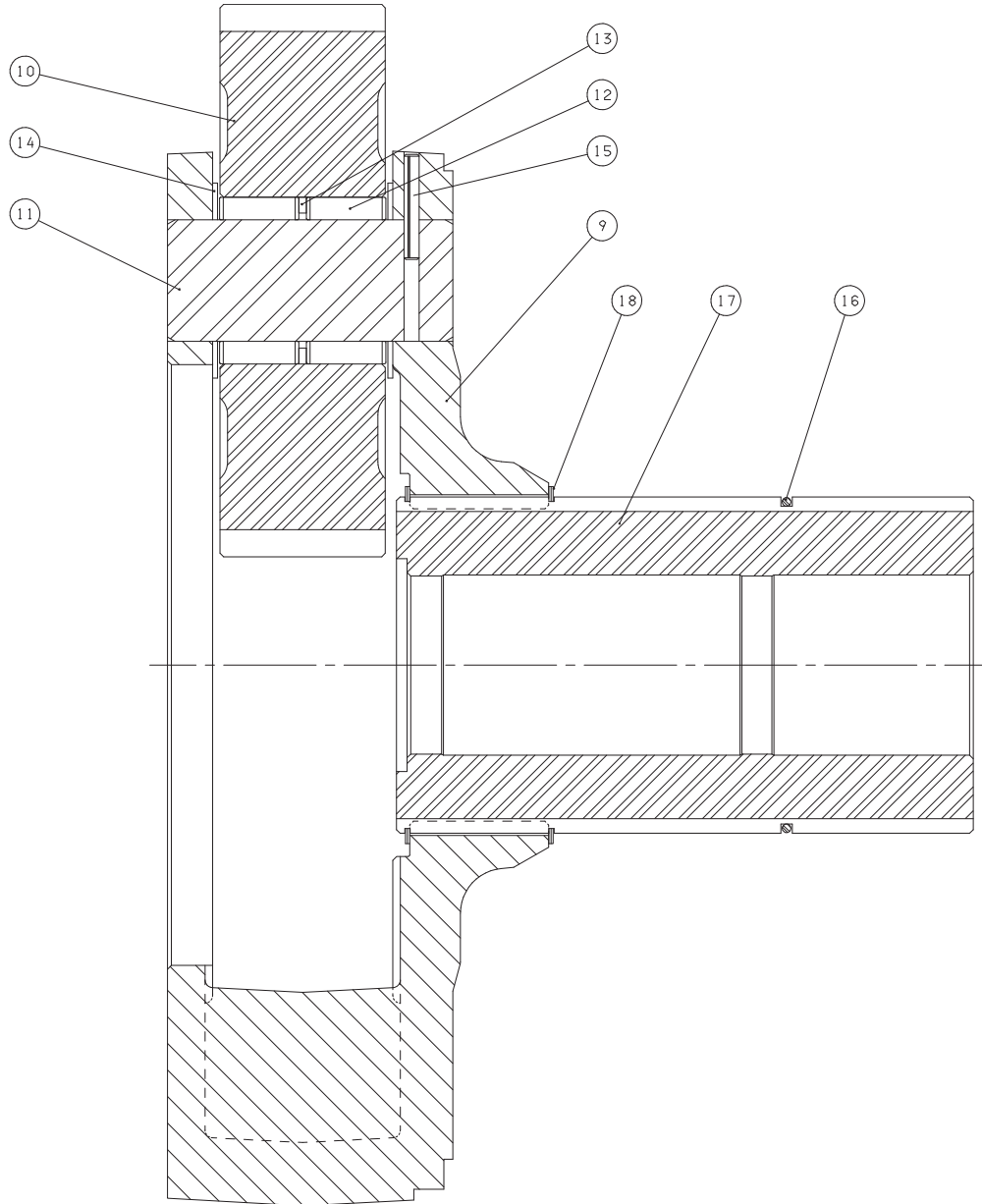
	D/S RATIO	C/B RATIO		
ITEM NO.	PART NOS.		DESCRIPTION	QTY.
--	152-8361	126-2861	PRIMARY PLANET CARRIER ASSEMBLY (ITEMS 53-58)	1
53	152-8362	126-0852	PRIMARY PLANET CARRIER	1
54	152-8363	126-0838	PRIMARY PLANET GEAR	3
55	126-0789	126-0789	PRIMARY PLANET GEAR SHAFT	3
56	126-0788	126-0788	THRUST BEARING	6
57	126-2464	126-2464	ROLLER BEARING	3
58	126-0822	6H-3956	SPIROL PIN	3

MODEL PA57VS
SECONDARY PLANET CARRIER ASSEMBLY



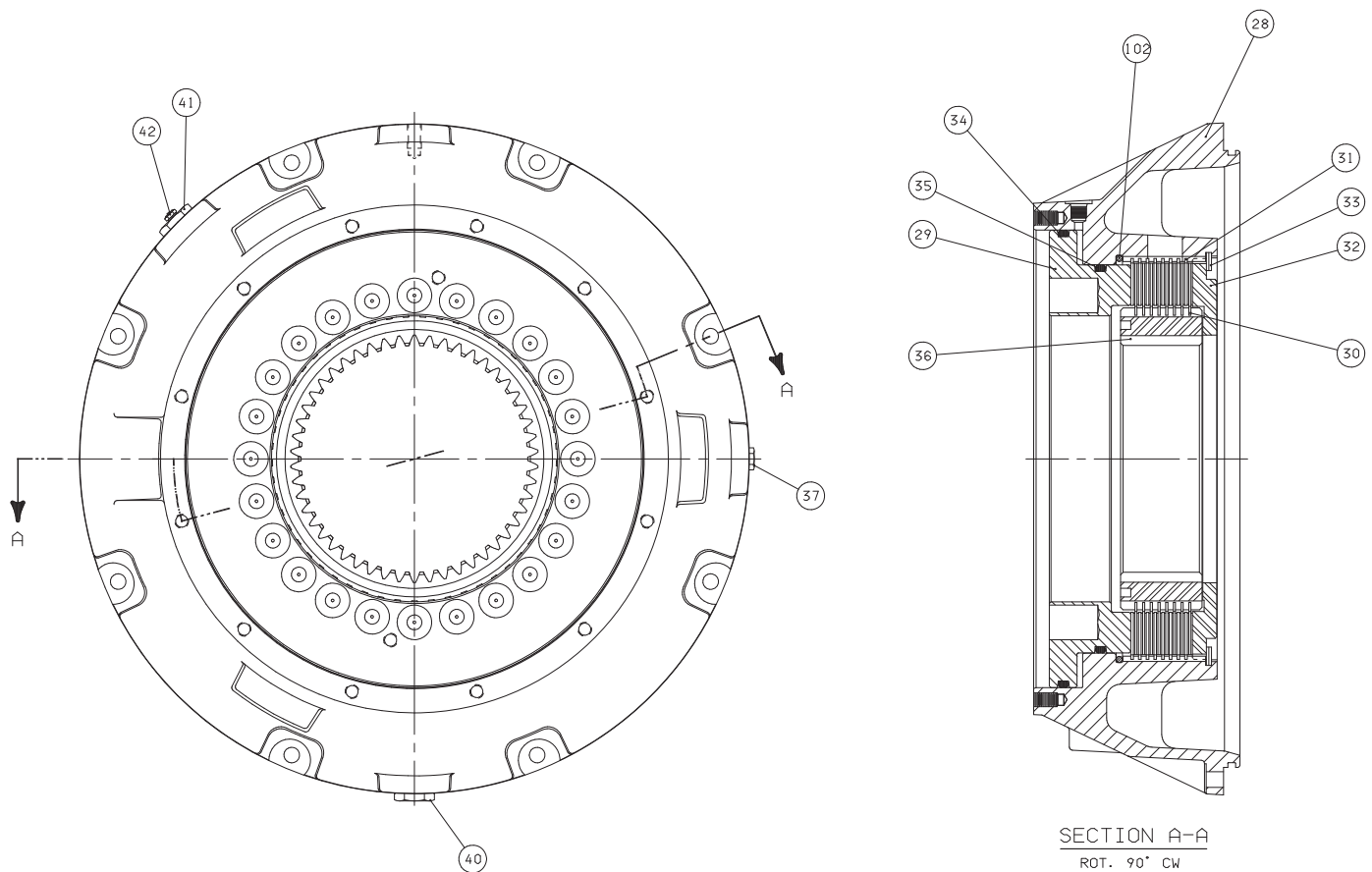
ITEM NO.	PART NO.	DESCRIPTION	QTY.
--	126-2860	SECONDARY PLANET CARRIER ASSEMBLY (Includes 20-26)	1
20	126-0857	SECONDAY PLANET CARRIER	1
21	126-0845	OUTPUT PLANET GEAR	3
22	126-0787	PLANET PIN	3
23	126-2460	THRUST BEARING	6
24	126-2459	ROLLER BEARING	6
25	126-0823	BEARING SPACER	3
26	126-0822	SPIROL PIN	3

MODEL PA57VS
OUTPUT PLANET CARRIER ASSEMBLY



ITEM NO.	PART NO.	DESCRIPTION	QTY.
--	126-7136	OUTPUT PLANET CARRIER ASSEMBLY (Includes 9-18)	1
9	126-7135	OUTPUT PLANET CARRIER ASSEMBLY	1
10	126-0846	OUTPUT PLANET GEAR	3
11	126-0786	PLANET PIN	3
12	126-0785	BEARING ROLLER	120
13	126-0779	BEARING SPACER	3
14	126-0784	THRUST WASHER	6
15	4H-4737	ROLL PIN	3
16	126-0783	RETAINING RING	1
17	126-0847	DRUM SHAFT	1
18	126-0782	RETAINING RING	2

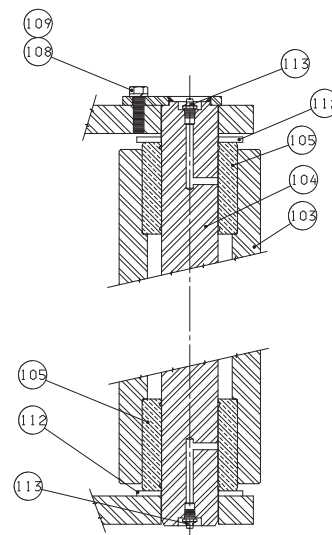
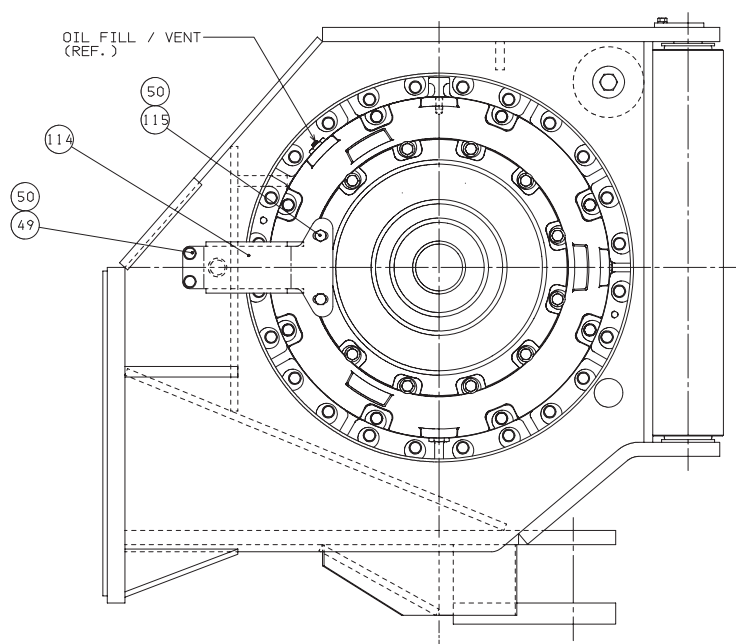
**MODEL PA57VS
DRUM CLUTCH ASSEMBLY
CATERPILLAR D7R II**



ITEM NO.	PART NO.	DESCRIPTION	QTY.
28	126-0856	DRUM CLUTCH HOUSING	1
29	126-0855	CLUTCH PISTON	1
30	126-0844	BRAKE PLATE	8
31	126-2466	DIVIDER PLATE	8
32	126-0843	PRESSURE PLATE	1
33	126-0821	RETAINING RING	1
34	6V-5862	O-RING	1
35	5P-9217	O-RING	1
36	126-0842	CLUTCH HUB	1
37	148-8407	PLUG, O'RING BOSS-HEX HD	1
40	126-0778	PLUG - MAGNETIC	1
41	126-3230	FILL - VENT PLUG	1
42	6U-1989	RELIEF VALVE, VENT	1
102	140-7271	SPACER	1

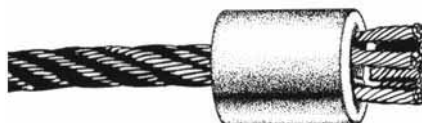
This Page Intentionally Left Blank

MODEL PA57VS
COVERS & FAIRLEADS GROUP



ITEM NO.	PART NO.	DESCRIPTION	QTY.	
			3-Roller	4-Roller
50	5P-1076	WASHER, HAND (1/2, Z)	2	2
103	126-0836	VERTICAL ROLLER	2	2
104	126-0835	VERTICAL ROLLER SHAFT ASSY.	2	2
105	126-0794	BUSHING	6	8
106	126-0834	HORIZONTAL ROLLER	1	2
107	228-0767	HORIZONTAL ROLLER SHAFT	1	1
108	4L-6454	CAPSCREW (3/8 - 16 x 1, GD8, Z)	3	4
109	8T-4896	WASHER, HARD (3/8, Z)	3	4
112	126-0806	WASHER - HARDENED - 2" NOM	6	8
113	3B-8489	GREASE FITTING	6	8
114	126-0853	HOSE GUARD	1	1
115	1A-1460	CAPSCREW, HEX HD (1/2-13 x 2, GD8, Z)	2	2
137	126-0848	MOTOR COVER	1	1
138	5P-2566	CAPSCREW, HEX HD (1/2-13 x 1 1/2, GD8, Z)	11	11
139	8T-4223	WASHER, HARD (1/2, Z)	11	11
156	123-4417	SERIAL NUMBER PLATE	1	1
157	7H-4543	DRIVE SCREW	4	4
--	171-7267	FOURTH ROLLER KIT (INCLUDES ITEMS 105, 106, 107, 108, 109, 112, 113, 115)	1	--

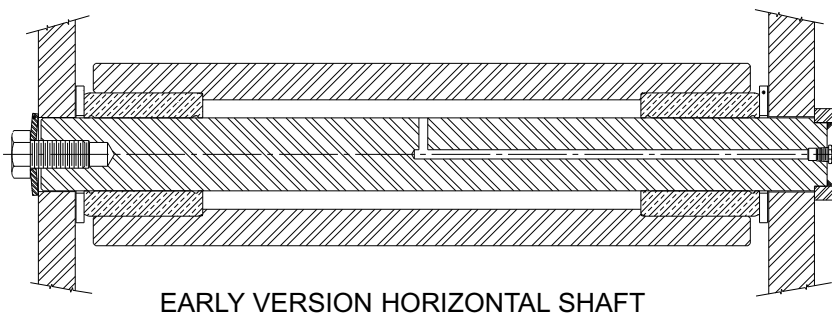
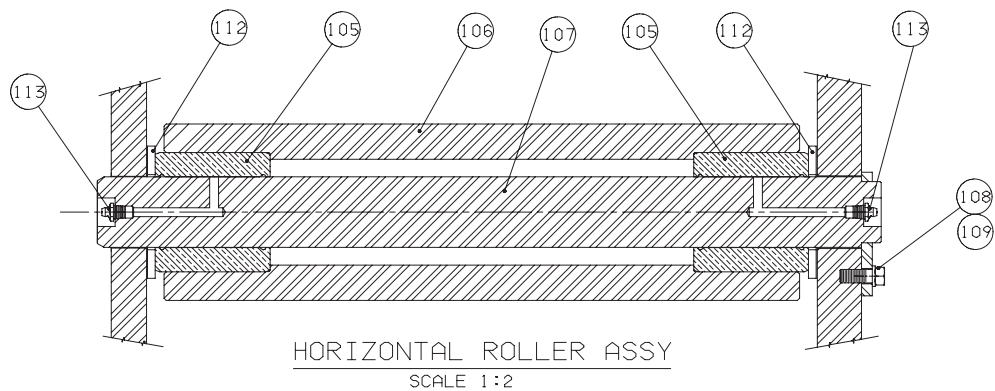
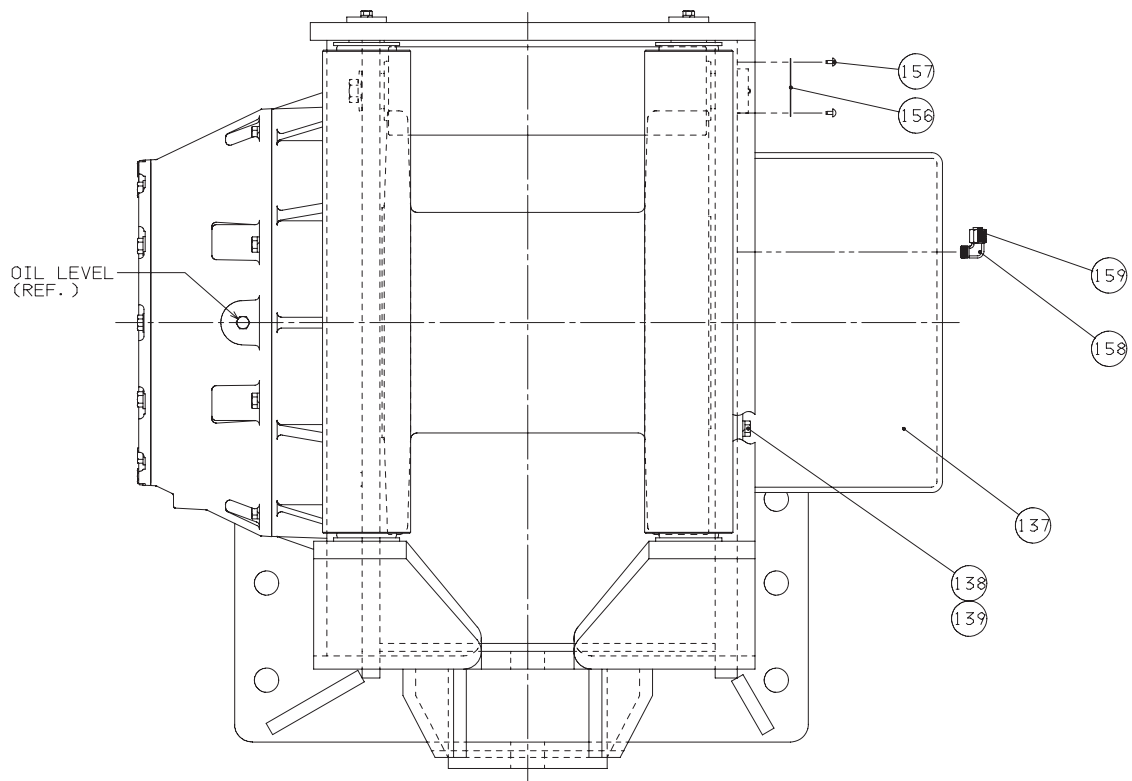
CABLE FERRULES



ITEM NO.	PART NO.	DESCRIPTION
----	131-7402	FERRULE - 1 IN. (25 mm)
----	131-7403	FERRULE - 1 1/8 (27 mm)
----	131-7404	FERRULE - 1 1/4 (32 mm)

FERRULES FOR USE WITH STANDARD 6 STRAND, IWRC WIRE ROPE ONLY

**MODEL PA57VS
COVERS & FAIRLEADS GROUP**



NOTE: WHEN REPLACING
SHAFT, ITEM 107, IN EARLY
WINCHES, DRILL & TAP 3/8"-
16 UNC TO SECURE SHAFT
TO HOUSING.