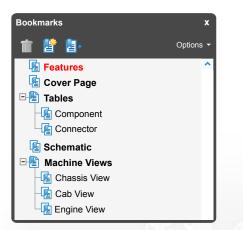
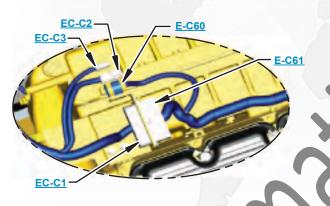
INTERACTIVE SCHEMATIC





The Bookmarks panel will allow you to quickly navigate to points of interest.



Click on any text that is **BLUE** and underlined. These are hyperlinks that can be used to navigate the schematic and machine views

*This document is best viewed at a screen resolution of 1024 X 768.

To set your screen resolution do the following: **RIGHT CLICK** on the **DESKTOP**. Select **PROPERTIES**. **CLICK** the **SETTINGS TAB**. **MOVE THE SLIDER under SCREEN RESOLUTION** until it shows 1024 X 768.

CLICK OK to apply the resolution.

*Due to different monitor sizes and RDF reader preferences there may be some variance in linked schematic locations



VIEW ALL CALLOUTS

When only one callout is showing on a machine view, clicking on this button will make all of the callouts visible. This button is located in the top right corner of every machine view page.

HOTKETS (Keyboard Shortcuts)					
	FUNCTION	KEYS			
+	Zoom In	"CTRL" / "+"			
-	Zoom Out	"CTRL" / "-"			
	Fit to Page	"CTRL" / "0" (zero)			
Sup	Hand Tool	"SPACEBAR" (hold down)			
	Find	"CTRL" / "F"			

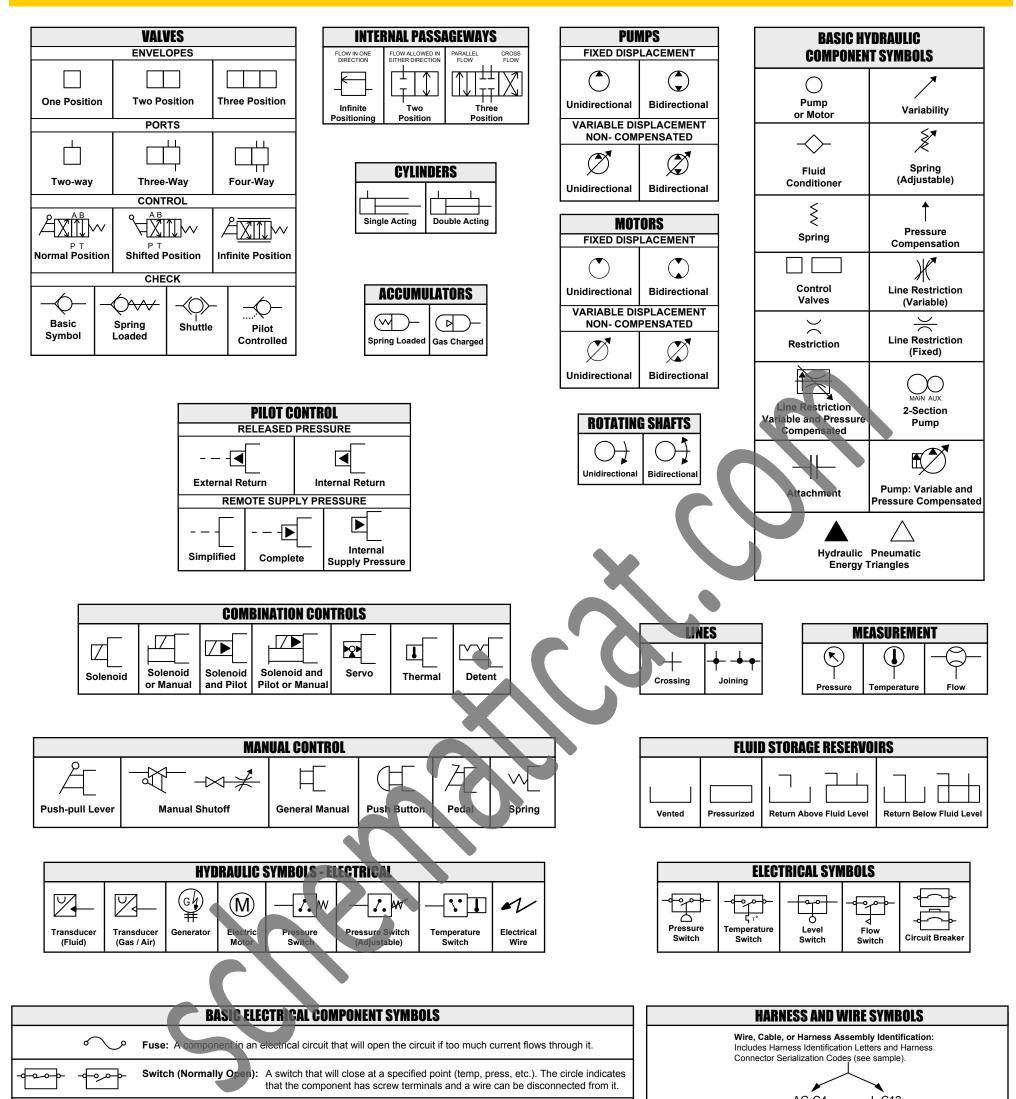
ELECTRICAL SYMBOLS	BASIC HYDRAULIC	
	COMPONENT SYMBOLS	
Pressure Switch Switch Switch Circuit Breaker	O Pump or Motor	Variabili
Click here to view the	\rightarrow	X
Schematic Symbols	Fluid Conditioner	Spring (Adjustat
and Definitions page		



Variability Ł Spring (Adjustable

SCHEMATIC SYMBOLS AND DEFINITIONS





Switch (Normally Closed): A switch that will open at a specified point (temp, press, etc.). No circle indicates that the wire cannot be disconnected from the component.	AG-C4 L-C12 111-7898 3E-5179 Part Number: for 1 (1)
Ground (Wired): This indicates that the component is connected to a grounded wire. The grounded wire is fastened to the machine.	
Ground (Case): This indicates that the component does not have a wire connected to ground. It is grounded by being fastened to the machine.	Harness Identification Letter(s): (A, B, C, AA, AB, AC,)
 Reed Switch: A switch whose contacts are controlled by a magnet. A magnet closes the contacts of a normally open reed switch; it opens the contacts of a normally closed reed switch.	Harness Connector Serialization Code: The "C" stands for "Connector" and the number indicates which connector in the harness (C1, C2, C3,)
Sender: A component that is used with a temperature or pressure gauge. The sender measures the temperature or pressure. Its resistance changes to give an indication to the gauge of the temperature or pressure.	L-C12 3E-5179
Relay (Magnetic Switch): A relay is an electrical component that is activated by electricity. It has a coil that makes an electromagnet when current flows through it. The electromagnet can open or close the switch part of the relay.	Fuse (5 Amps) 9X-1123 Component Part Number 325-AG135 PK-14 Harness identification code: Wire Gauge
Solenoid: A solenoid is an electrical component that is activated by electricity. It has a coil that makes an electromagnet when current flows through it. The electromagnet can open or close a valve or move a piece of metal that can do work.	wire 135 in harness "AG". Wire Color Wire Color Wire Color Deutsch connector: Typical representation of a Deutsch connector. The plug contains all
Magnetic Latch Solenoid: An electrical component that is activated by electricity and held latched by a permanent magnet. It has two coils (latch and unlatch) that make electromagnet when current flows through them. It also has an internal switch that places the latch coil circuit open at the time the coil latches.	sockets and the receptacle contains all pins. $\begin{array}{c c} \hline & 2 \\ \hline & 2 \\ \hline & 2 \\ \hline & \\ \hline & 2 \\ \hline & \\ \hline & \\ \hline & \\ \hline & 2 \\ \hline & \\ \hline \\ \hline$

CATERPILLAR®

UENR0047 May 2012

Schematic

D7R Track-Type Tractor Hydraulic System

DSH1-UP DLN1-UP DJR1-UP

Volume 1 of 2: Blade and Ripper Volume 2 of 2: Blade and Winch

COMPONENT TABLE



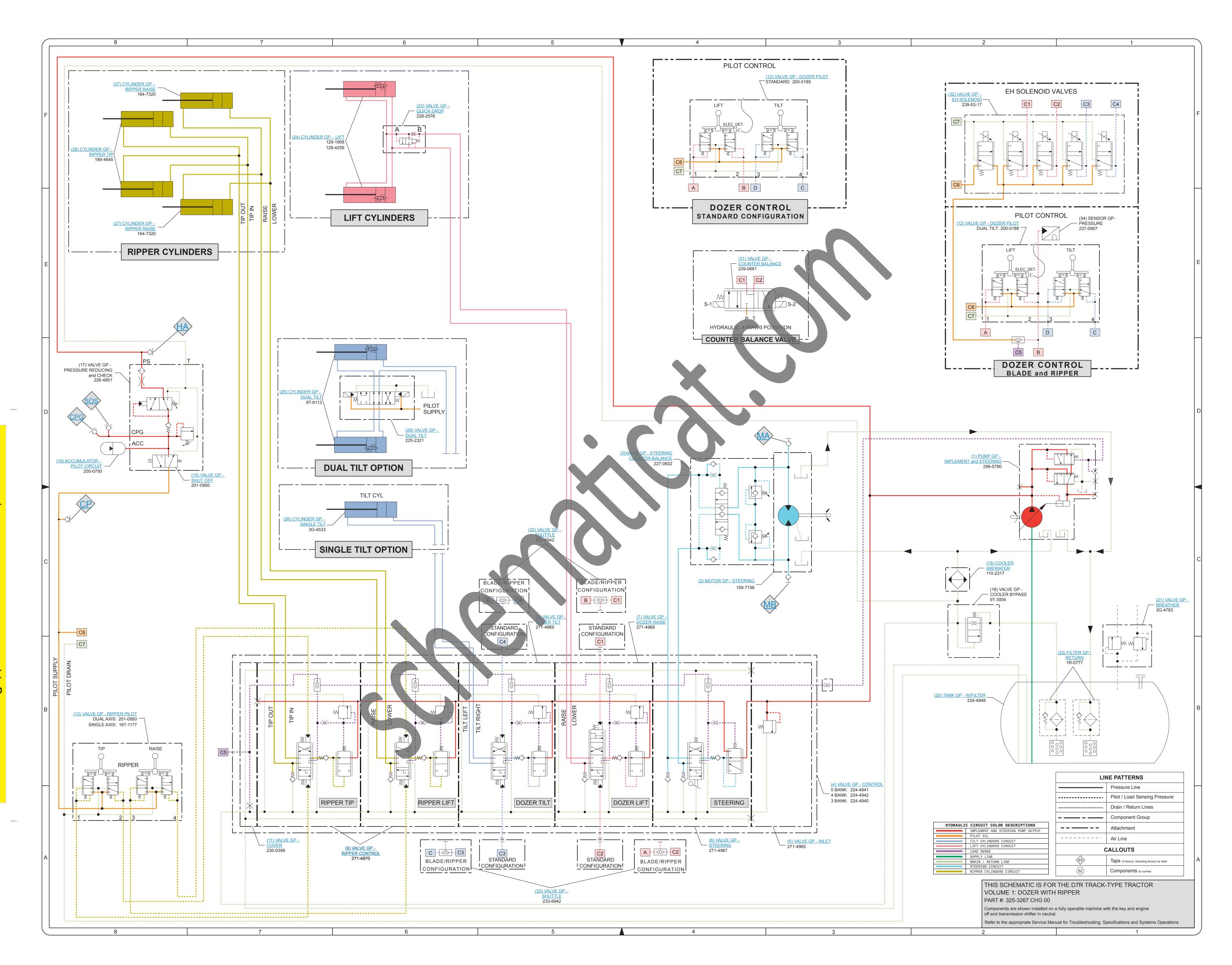
PUMP GP-PS - IMPLEMENTS AND STEERING 299-6790 1 D-2 MOTOR GP - STEERING MOTOR 159-7156 2 C-3 VALVE GP - STEERING COUNTER-BALANCE VALVE 227-0832 3 D-4 VALVE GP - 5 BANK (Shown - Volume 1) 224-4941 B-3 VALVE GP - 4 BANK (Shown - Volume 2) 224-4942 B-3 MANFOLD CP - INLET 271-4965 5 A-3 VALVE GP - 5 TEERING CONTROL 271-4965 5 A-3 VALVE GP - DOZER RIASE CONTROL 271-4968 2 B-4 VALVE GP - DOZER RIASE CONTROL 271-4969 8 B-5 VALVE GP - NOPER CONTROL 271-4969 8 B-5 VALVE GP - NUPPER PILOT VALVE (UAL AXIS) 14 B-4 24 VALVE GP - NUPPER PILOT VALVE (UAL AXIS) 14 <td< th=""><th>Description</th><th>Part Number</th><th>Machine Location</th><th>Schematic Location</th></td<>	Description	Part Number	Machine Location	Schematic Location
VALVE GP - STEERING COUNTER-BALANCE VALVE 227-0832 3 D-4 VALVE GP - 5 BANK (Shown - Volume 1) 224-4941 B-3 VALVE GP - 3 BANK (Shown - Volume 2) 224-4942 B-3 VALVE GP - 4 BANK (Shown - Volume 2) 224-4942 B-3 VALVE GP - 3 BANK (Not Shown) 224-4942 B-3 VALVE GP - NEET 271-4965 5 A-3 VALVE GP - DOZER RAISE CONTROL 271-4967 6 A-4 VALVE GP - DOZER RAISE CONTROL 271-4967 6 A-4 VALVE GP - DOZER RAISE CONTROL 271-4967 0 A-6 VALVE GP - NIPPER CONTROL 271-4968 0 A-4 VALVE GP - NIPPER CONTROL 271-4970 3 A-4 VALVE GP - NIPPER CONTROL 271-4970 3 A-4 VALVE GP - NIPPER CONTROL 210-0189 12 E-1 VALVE GP - NIPPER PLIOT VALVE (DUAL TILT HANDLE) 200-0189 12 E-1 VALVE GP - NIPPER PLIOT VALVE (DUAL AXIS) 167-4177 13 B-8 VALVE GP - NIPPER PLIOT VALVE (DUAL AXIS) 167-4177	PUMP GP-PS - IMPLEMENTS AND STEERING	299-5790	<u>1</u>	<u>D-2</u>
VALVE GP - 5 BANK (Mot Shown) 224-4941 B-3 VALVE GP - 3 BANK (Mot Shown) 224-4942 B-3 VALVE GP - 4 BANK (Shown - Volume 2) 224-4942 B-3 MANFOLD GP - INLET 271-4965 5 A-3 VALVE GP - STEERING CONTROL 271-4966 5 A-3 VALVE GP - DOZER RAISE CONTROL 271-4968 7 B-4 VALVE GP - DOZER RAISE CONTROL 271-4968 7 B-4 VALVE GP - DOZER RAISE CONTROL 271-4968 7 B-4 VALVE GP - NUNCH CONTROL (VOLUME 2) 271-4970 N A-4 VALVE GP - NUNCH CONTROL (VOLUME 2) 271-4970 N A-4 VALVE GP - NUNCH CONTROL (VOLUME 2) 271-4970 N A-4 VALVE GP - NUNCH CONTROL (VOLUME 2) 271-4970 N A-4 VALVE GP - DOZER PILOT VALVE (STANDARD) 200-0188 12 E-1 VALVE GP - NUNCH CONTROL (VOLUME 1) 140-0766 14 B-8 VALVE GP - RIPPER PILOT VALVE (OULL AXIS) 167-077 B-8 VALVE GP - WINCH PILOT VALVE (VOLUME 2) 166-076 D-8 <td>MOTOR GP - STEERING MOTOR</td> <td>159-7156</td> <td><u>2</u></td> <td><u>C-3</u></td>	MOTOR GP - STEERING MOTOR	159-7156	<u>2</u>	<u>C-3</u>
VALVE GP - 3 BANK (Not Shown) 224-4940 4 B-3 VALVE GP - 4 BANK (Shown - Volume 2) 224-4942 B-3 MANIFOLD GP - INLET 271-4965 5 A-3 VALVE GP - STEERING CONTROL 271-4968 6 A-4 VALVE GP - DOZER RAISE CONTROL 271-4968 7 B-4 VALVE GP - DOZER TRIT CONTROL 271-4968 7 B-4 VALVE GP - RIPPER CONTROL 271-4968 8 B-4 VALVE GP - NOZER TRIT CONTROL 271-4968 8 B-4 VALVE GP - NORDER DUT CONTROL 271-4970 3 A-4 VALVE GP - NUNCH CONTROL (VOLUME 2) 271-4972 10 A-6 COVER - VALVE STACK 230,039 1 A-6 VALVE GP - RIPPER PILOT VALVE (STANDARD) 200-0188 12 E-1 VALVE GP - NIDCT VALVE (DUAL TLT HANDLE) 200-0188 12 E-3 VALVE GP - NIDCT VALVE (DUAL AXIS) 184-3024 13 B-8 VALVE GP - NIDCT VALVE (NUME 2) 200-0168 14 B-8 VALVE GP - RIPPER PILOT VALVE (NUME 2) <td colspan="2">VALVE GP - STEERING COUNTER-BALANCE VALVE</td> <td><u>3</u></td> <td><u>D-4</u></td>	VALVE GP - STEERING COUNTER-BALANCE VALVE		<u>3</u>	<u>D-4</u>
VALVE GP - 4 BANK (Shown - Volume 2) 224-4942 B-3 MANIFOLD GP - INLET 271-4965 \$ A-4 VALVE GP - DZER RAISE CONTROL 271-4967 \$ A-4 VALVE GP - DZER TILT CONTROL 271-4968 7 B-4 VALVE GP - DZER TILT CONTROL 271-4968 7 B-4 VALVE GP - NIPPER CONTROL 271-4970 8 A-4 VALVE GP - NIPPER CONTROL 271-4970 8 A-4 VALVE GP - NIPPER CONTROL 271-4970 8 A-4 VALVE GP - NUNCH CONTROL (VOLUME 2) 271-4970 8 A-4 VALVE GP - NUNCH CONTROL (VOLUME 2) 201-0188 12 E-1 VALVE GP - DZER PILOT VALVE (STANDARD) 200-0188 12 E-3 VALVE GP - RIPPER PILOT VALVE (DUAL AXIS) 184-582 12 E-3 VALVE GP - NINCH PILOT VALVE (SINGLE AXIS) 167-177 13 B-8 VALVE GP - SINT OF (PART OF 226-4751) 201-0950 15 D-8 ACCUMULATOR GP - PILOT CIRCUIT 200-0750 16 D-8 VALVE GP - COOLER BY	VALVE GP - 5 BANK (Shown - Volume 1)	224-4941		<u>B-3</u>
MANIFOLD GP - INLET 271-4965 5 A.3 VALVE GP - STEERING CONTROL 271-4967 6 A.4 VALVE GP - DOZER RAISE CONTROL 271-4968 7 B-4 VALVE GP - DOZER TILT CONTROL 271-4969 8 B-5 VALVE GP - DOZER TILT CONTROL 271-4969 8 B-5 VALVE GP - NUNCH CONTROL (VOLUME 2) 271-4970 3 A.4 COVER - VALVE STACK 230-03/9 A A.6 VALVE GP - DOZER PILOT VALVE (STANDARD) 200-0188 12 F-3 VALVE GP - RIPPER PILOT VALVE (STANDARD) 200-0188 12 F-3 VALVE GP - RIPPER PILOT VALVE (OLUAL AXIS) 167-0177 13 B-8 VALVE GP - RIPPER PILOT VALVE (NOLUME 2) 168-0766 14 B-8 VALVE GP - WINCH PILOT VALVE (VOLUME 2) 168-0766 14 B-8 VALVE GP - PRESSURE REDUCING and CHECK VALVES (NOT SHOWN) 766 17 D-8 VALVE GP - COOLER BYPASS (NOT SHOWN) 9T-3004 18 C-2 COULER - AIR/OIL COOLER 110-2317 19 C-2	VALVE GP - 3 BANK (Not Shown)	224-4940	<u>4</u>	<u>B-3</u>
VALVE GP - STEERING CONTROL 271-4967 6 A-4 VALVE GP - DOZER TRISE CONTROL 271-4968 2 B-4 VALVE GP - DOZER TILT CONTROL 271-4969 8 B-5 VALVE GP - NOZER TILT CONTROL 271-4970 8 A-4 VALVE GP - RIPPER CONTROL 271-4970 8 A-4 VALVE GP - NOZER PILOT VALVE (STANDARD) 210-0189 12 E-1 VALVE GP - DOZER PILOT VALVE (DUAL TILT HANDLE) 200-0189 12 E-3 VALVE GP - DOZER PILOT VALVE (DUAL AXIS) 184-5021 13 B-8 VALVE GP - NIPPER PILOT VALVE (DUAL AXIS) 184-5021 13 B-8 VALVE GP - RIPPER PILOT VALVE (OULUME 2) 166-0766 14 B-8 VALVE GP - SHUT OFF (PART OF 226-4751) 201-0950 15 D-8 ACCUMULATOR GP - PILOT CRICUIT 200-0750 16 D-8 VALVE GP - COLER BYPASS (NOT SHOWN) 97-3004 18 C2-2 COLER - AIRVOIL COOLER 110-2317 19 C-2 TANK GP-FLITER 224-4948 20 B-2	VALVE GP - 4 BANK (Shown - Volume 2)	224-4942		<u>B-3</u>
VALVE GP - DOZER RAISE CONTROL 271-4968 2 B-4 VALVE GP - DOZER TILT CONTROL 271-4969 8 B-5 VALVE GP - RIPPER CONTROL 271-4970 2 A-4 VALVE GP - WINCH CONTROL (VOLUME 2) 271-4970 3 A-4 VALVE GP - WINCH CONTROL (VOLUME 2) 271-4970 3 A-6 COVER - VALVE STACK 230-0319 A-6 A-6 VALVE GP - DOZER PILOT VALVE (STANDARD) 200-0188 12 E-1 VALVE GP - DOZER PILOT VALVE (STANDARD) 200-0188 12 F-3 VALVE GP - RIPPER PILOT VALVE (DUAL AXIS) 184-5021 13 B-8 VALVE GP - RIPPER PILOT VALVE (NOLUME 2) 160-0766 14 B-8 VALVE GP - SHUT OFF (PART OF 226-4751) 201-0950 15 D-8 VALVE GP - PRESSURE REDUCING and CHECK VALVES (NOT SHOWN) 766 17 D-8 VALVE GP - COLER BYPASS (NOT SHOWN) 97-3004 18 C-2 VALVE GP - QUICK DROP 224-4948 20 B-2 VALVE GP - QUICK DROP 228-2576 23 F-6	MANIFOLD GP - INLET	271-4965	<u>5</u>	<u>A-3</u>
VALVE GP - DOZER TILT CONTROL 271-4969 8 B-5 VALVE GP - RIPPER CONTROL 271-4970 9 A-4 VALVE GP - WINCH CONTROL (VOLUME 2) 271-4970 9 A-4 COVER - VALVE STACK 230-03/9 10 A-6 VALVE GP - DOZER PILOT VALVE (STANDARD) 20-0188 12 E-1 VALVE GP - DOZER PILOT VALVE (DUAL TILT HANDLE) 20-0188 12 F-3 VALVE GP - RIPPER PILOT VALVE (DUAL XIS) 184-3821 B-8 VALVE GP - RIPPER PILOT VALVE (OULM XIS) 167-017 13 B-8 VALVE GP - RIPPER PILOT VALVE (OVLME 2) 169-0766 14 B-8 VALVE GP - SHUT OFF (PART OF 226-4751) 201-0950 15 D-8 VALVE GP - PRESSURE REDUCING and CHECK VALVES (NOT SHOWI) 766 17 D-8 VALVE GP - COOLER BYPASS (NOT SHOWN) 91-3004 18 C-2 CONLER - AIR/OIL COOLER 110-2317 19 C-2 TANK GP-FILTER 224-4948 20 B-2 VALVE GP - QUICK DROP 228-2576 23 E-6 CYL GP-LIFT 12	VALVE GP - STEERING CONTROL	271-4967	<u>6</u>	<u>A-4</u>
VALVE GP - RIPPER CONTROL 271-4970 3 A-4 VALVE GP - WINCH CONTROL (VOLUME 2) 271-4972 10 A-6 COVER - VALVE STACK 230,039 1 A-6 VALVE GP - DOZER PILOT VALVE (STANDARD) 200,0189 12 E-1 VALVE GP - DOZER PILOT VALVE (DUAL TILT HANDLE) 200,0189 12 F-3 VALVE GP - RIPPER PILOT VALVE (DUAL AXIS) 184-5024 13 B-8 VALVE GP - RIPPER PILOT VALVE (SINGLE AXIS) 167-0177 13 B-8 VALVE GP - SHUT OFF (PART OF 226-4751) 201-0950 15 D-3 ACCUMULATOR GP - PILOT CIRCUIT 200-0750 16 D-8 VALVE GP - COOLER BYPASS (NOT SHOWN) 201-0950 15 D-3 VALVE GP - RESSURE REDUCING and CHECK VALVES (NOT SHOWN) 766 17 D-8 VALVE GP - ROLER BYPASS (NOT SHOWN) 9T-3004 18 C-2 COOLER - AIR/OIL COOLER 110-2317 19 C-2 TANK GP-FILTER 224-4948 20 B-2 VALVE GP-BREATHER 116-0777 22 B-1 <	VALVE GP - DOZER RAISE CONTROL	271-4968	7	1
VALVE GP - WINCH CONTROL (VOLUME 2) 271-4912 10 A-6 COVER - VALVE STACK 230-03/9 1 A-6 VALVE GP - DOZER PILOT VALVE (STANDARD) 200-0189 12 F-3 VALVE GP - DOZER PILOT VALVE (DUAL TILT HANDLE) 200-0188 12 F-3 VALVE GP - RIPPER PILOT VALVE (DUAL AXIS) 184-5011 13 B-8 VALVE GP - RIPPER PILOT VALVE (UAL AXIS) 167 (177 13 B-8 VALVE GP - SHUT OF (PART OF 226-4751) 201-0950 15 D-8 VALVE GP - PRESSURE REDUCING and CHECK VALVES (NOT SHOWI) 766 17 D-8 VALVE GP - PRESSURE REDUCING and CHECK VALVES (NOT SHOWI) 766 17 D-8 VALVE GP - OCOLER BYPASS (NOT SHOWN) 9T-3004 18 C-2 COULER - AIR/OIL COOLER 110-2317 19 C-2 VALVE GP-BREATHER 3G-4783 21 C-1 FILTER-IMPL RETURN 1R-0777 22 B-1 FILTER-MURL RETURN 1R-0777 22 B-1 FUL GP-AILFT 129-42859 F-6 CYL GP-LIFT	VALVE GP - DOZER TILT CONTROL	271-4969	8	<u>B-5</u>
VALVE GP - WINCH CONTROL (VOLUME 2) 271-4912 10 A-6 COVER - VALVE STACK 230-03.9 1 A-6 VALVE GP - DOZER PILOT VALVE (STANDARD) 200-0188 12 E-1 VALVE GP - DOZER PILOT VALVE (DUAL TAT HANDLE) 200-0188 12 F-3 VALVE GP - RIPPER PILOT VALVE (DUAL AXIS) 184-5011 13 B-8 VALVE GP - RIPPER PILOT VALVE (UOLA AXIS) 167(4177) 13 B-8 VALVE GP - RIPPER PILOT VALVE (VOLUME 2) 160-0766 14 B-8 VALVE GP - SHUT OF (PART OF 226-4751) 201-0950 15 D-8 ACCUMULATOR GP - PILOT CIRCUIT 200-0750 16 D-8 VALVE GP - COOLER BYPASS (NOT SHOWN) 9T-3004 18 C-2 COOLER - AIR/OIL COOLER 110-2317 19 C-2 VALVE GP-BREATHER 264-783 21 C-1 FILTER-MPL RETURN 1R-0777 22 B-1 FILTER-GASE RETURN 1R-0777 22 B-1 VALVE GP-BREATHER 129-1908 C-1 F-6 CYL GP-LIF	VALVE GP - RIPPER CONTROL	271-4970	9	A-4
COVER - VALVE STACK 230-03/9 1 A-6 VALVE GP - DOZER PILOT VALVE (STANDARD) 2/0-0188 12 E-1 VALVE GP - DOZER PILOT VALVE (DUAL TILT HANDLE) 201-0188 12 F-3 VALVE GP - RIPPER PILOT VALVE (DUAL XXIS) 184-5021 13 B-8 VALVE GP - RIPPER PILOT VALVE (SINGLE AXIS) 167(-177) B-8 VALVE GP - NIPPER PILOT VALVE (VOLUME 2) 160-0766 14 B-8 VALVE GP - SHUT OFF (PART OF 226-4751) 201-0950 15 D-8 ACCUMULATOR GP - PILOT CIRCUIT 200-0750 16 D-8 VALVE GP - COOLER BYPASS (NOT SHOWN) 97-3004 18 C-2 COULER - AIR/OIL COOLER 110-2317 19 C-2 TANK GP-FILTER 224-4948 20 B-2 VALVE GP- QUICK DROP 228-2576 23 E-6 CYL GP-LIFT 129-41908 24 E-6 CYL GP-LIFT 129-4259 27 E-8.F-8 CYL GP-LIFT 129-4259 27 E-8.F-8 CYL GP-SINGLE TILT 326-4533	VALVE GP - WINCH CONTROL (VOLUME 2)	271-4972	10	
VALVE GP - DOZER PILOT VALVE (STANDARD) 200-0188 12 E-1 VALVE GP - DOZER PILOT VALVE (DUAL TILT HANDLE) 200-0188 12 F-3 VALVE GP - RIPPER PILOT VALVE (DUAL AXIS) 184-5021 13 B-8 VALVE GP - RIPPER PILOT VALVE (UOLUME 2) 167(177) 13 B-8 VALVE GP - NUNCH PILOT VALVE (VOLUME 2) 167(177) 14 B-8 VALVE GP - SHUT OFF (PART OF 226-4751) 201-0950 15 D-8 ACCUMULATOR GP - PILOT CIRCUIT 200-0750 16 D-8 VALVE GP - COOLER BYPASS (NOT SHOWN) 97-3004 18 C-2 COOLER - AIR/OIL COOLER 110-2317 19 C-2 TANK GP-FILTER 224-4948 20 B-2 VALVE GP - BREATHER 3G-4783 21 C-1 FILTER-IMPL RETURN 118-0777 22 B-1 FILTER-IMPL RETURN 118-0777 22 B-1 VALVE GP - QUICK DROP 228-2576 23 F-6 CYL GP-LIFT 129-1908 26 C-6 CYL GP-LIFT 18				
VALVE GP - DOZER PILOT VALVE (DUAL TILT HANDLE) 200-0188 12 F-3 VALVE GP - RIPPER PILOT VALVE (DUAL AXIS) 184-5024 13 B-8 VALVE GP - RIPPER PILOT VALVE (SINGLE AXIS) 167 1177 13 B-8 VALVE GP - NUNCH PILOT VALVE (SINGLE AXIS) 167 1177 13 B-8 VALVE GP - SHUT OFF (PART OF 226 4751) 201-0950 15 D-8 ACCUMULATOR GP - PILOT CIRCUIT 200-0750 16 D-8 VALVE GP - RESSURE REDUCING and CHECK VALVES (NOT SHOWN) 766 17 D-8 VALVE GP - COOLER BYPASS (NOT SHOWN) 9T-3004 18 C-2 COOLER - AIR/OL COOLER 110-2317 19 C-2 TANK GP-FILTER 224 4948 20 B-2 VALVE GP - BREATHER 3G-4783 21 C-1 FILTER-IMPL RETURN 11R-0777 22 B-1 FILTER-CASE RETURN 118-0777 22 B-1 VALVE GP - QUICK DROP 228-2576 23 F-6 CYL GP-LIFT 129-4038 26 C-6 CYL GP-RIPPER	VALVE GP - DOZER PILOT VALVE (STANDARD)			1
VALVE GP - RIPPER PILOT VALVE (DUAL AXIS) 184-5821 13 B-8 VALVE GP - RIPPER PILOT VALVE (SINGLE AXIS) 167:177 13 B-8 VALVE GP - RIPPER PILOT VALVE (SINGLE AXIS) 167:177 13 B-8 VALVE GP - WINCH PILOT VALVE (VOLUME 2) 168-0766 14 B-8 VALVE GP - WINCH PILOT VALVE (VOLUME 2) 168-0766 14 B-8 VALVE GP - SHUT OFF (PART OF 226-4751) 201-0950 15 D-8 ACCUMULATOR GP - PILOT CIRCUIT 200-0750 16 D-8 VALVE GP - COOLER BYPASS (NOT SHOWN) 766 17 D-8 VALVE GP - COOLER AND SHOWN) 9T-3004 18 C-2 COOLER - AIR/OIL COOLER 110-2317 19 C-2 TANK GP-FILTER 224-4948 20 B-2 VALVE GP BREATHER 3G-4783 21 C-1 FILTER-CASE RETURN 1R-0777 22 B-1 VALVE GP - QUICK DROP 228-2576 23 F-6 CYL GP-LIFT 129-4259 C-6 CYL GP-LIFT 129-4259 <			<u>12</u>	
VALVE GP - RIPPER PILOT VALVE (SINGLE AXIS) 1674177 13 B-3 VALVE GP - RIPPER PILOT VALVE (VOLUME 2) 160-0766 14 B-8 VALVE GP - SHUT OFF (PART OF 226-4751) 201-0950 15 D-8 ACCUMULATOR GP - PILOT CIRCUIT 200-0750 16 D-8 VALVE GP - COOLER BYPASS (NOT SHOWN) 9T-3004 18 C_2 COOLER - AIR/OIL COOLER 110-2317 19 C-2 TANK GP-FILTER 224-4948 20 B-2 VALVE GP - QUICK OOLER 110-2317 19 C-2 TANK GP-FILTER 224-4948 20 B-2 VALVE GP-BREATHER 3G-4783 21 C-1 FILTER-IMPL RETURN 1R-0777 22 B-1 FILTER-CASE RETURN 1R-0777 22 B-1 VALVE GP - QUICK DROP 228-2576 23 F-6 CYL GP-LIFT 129-1908 24 F-6 CYL GP-LIFT 129-1908 24 F-6 CYL GP-DUAL TILT 9T-6113 25 D-6				
VALVE GP - WINCH PILOT VALVE (VOLUME 2) 160-0766 14 B-8 VALVE GP - SHUT OFF (PART OF 226-4751) 201-0950 15 D-8 ACCUMULATOR GP - PILOT CIRCUIT 200-0750 16 D-8 VALVE GP - PRESSURE REDUCING and CHECK VALVES (NOT SHOWN) 766 17 D-8 VALVE GP - COOLER BYPASS (NOT SHOWN) 97-3004 18 C-2 COOLER - AIR/OIL COOLER 110-2317 19 C-2 TANK GP-FILTER 224-4948 20 B-2 VALVE GP - BREATHER 3G-4783 21 C-1 FILTER-IMPL RETURN 1R-0777 22 B-1 FILTER-CASE RETURN 1R-0777 22 B-1 VALVE GP - QUICK DROP 228-2576 23 F-6 CYL GP-LIFT 129-1908 24 F-6 CYL GP-LIFT 129-1908 24 F-6 CYL GP-SINGLE TILT 9T-6113 25 D-6 CYL GP-SINGLE TILT 189-4645 28 F-8 CYL GP-NIPPER MAISE 164-7320 27 E-8, F-8 <			<u>13</u>	
VALVE GP - SHUT OFF (PART OF 226-4751) 201-0950 15 D-8 ACCUMULATOR GP - PILOT CIRCUIT 200-0750 16 D-3 VALVE GP - PRESSURE REDUCING and CHECK VALVES (NOT SHOWN) 766 17 D-3 VALVE GP - COOLER BYPASS (NOT SHOWN) 9T-3004 18 C-2 COOLER - AIR/OIL COOLER 110-2317 19 C-2 TANK GP-FILTER 224-4948 20 B-2 VALVE GP-BREATHER 3G-4783 21 C-1 FILTER-IMPL RETURN 1R-0777 22 B-1 FILTER-CASE RETURN 1R-0777 22 B-1 VALVE GP - QUICK DROP 228-2576 23 F-6 CYL GP-LIFT 129-1908 24 F-6 CYL GP-DUAL TILT 9T-6113 25 D-6 CYL GP-SINGLE TILT 3G-4533 26 C-6 CYL GP-RIPPER MASE 184-7320 27 E-8, F-8 CYL GP-RIPPER TIP 189-4645 28 F-8 VALVE GP - DUAL TILT VALVE 225-2321 29 D-6			14	
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VALVE - SHUTTLE VALVE (CTCT) 233-6942 33 A-4 C-5 C				
<u> </u>	VALVE - SHUTTLE VALVE (CTCT)	233-6942	<u>33</u>	
	SENSOR GP-PRESSURE - PRESSURE SENSOR (CTCT) (NOT SHOWN)	237-0957	34	
MANIFOLD GP - WINCH (NOT SHOWN) (VOLUME 2) 234-2864 35 <u>E-7</u>			-	
RESOLVER (VOLUME 2) 263-3912 36 E-2				

TAP TABLE

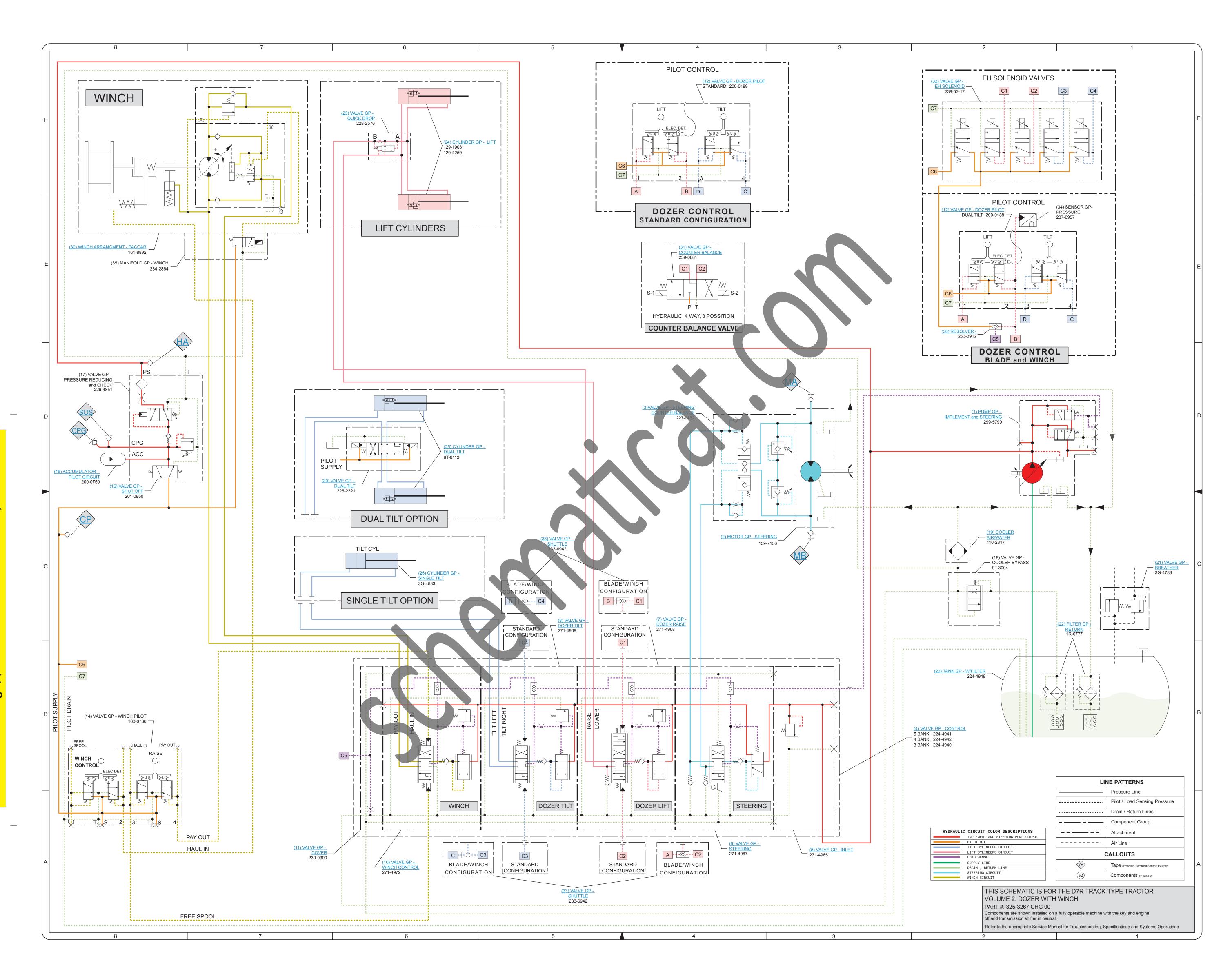


TAP LOCATIONS Pressure, Sampling, Sensor

Tap Number	Description	Schematic Location	
<u>CPG</u>	ACCUMULATOR	<u>D-8</u>	
<u>SOS</u>	OIL SAMPLING PORT	<u>D-8</u>	
<u>CP</u>	PILOT SUPPLY	<u>C-8</u>	
MA	STEERING PORT A	<u>D-3</u>	
<u>MB</u>	STEERING PORT B	<u>C-3</u>	
<u>HA</u>	IMPLEMENT PUMP DISCHARGE	<u>D-8</u>	



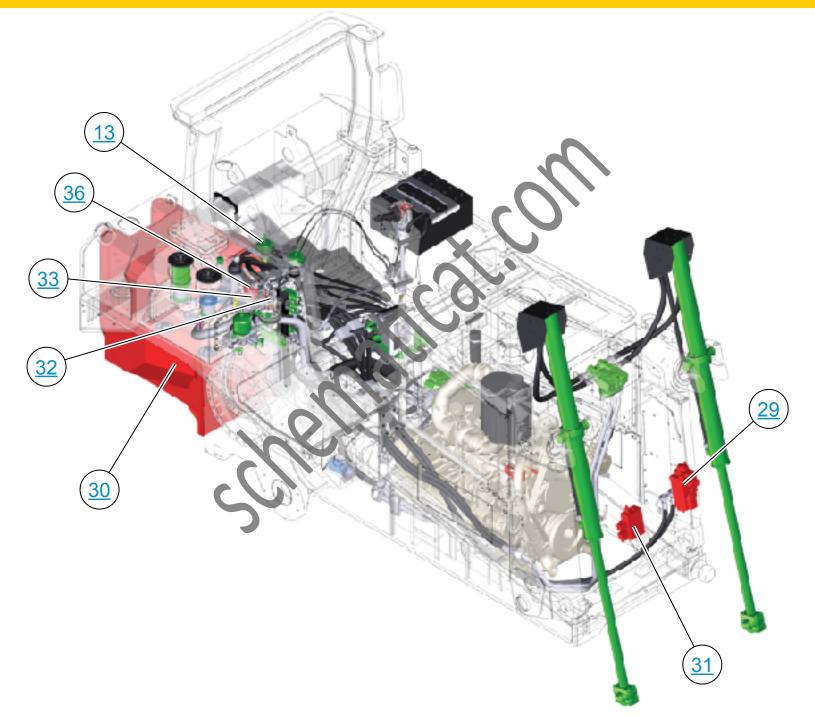
ENRO047-00 VOL Page. (Dimensions: 34 inches x 28 inche



ENRO047-00 VOL 2 4 Page. (Dimensions: 34 inches x 28 inches)

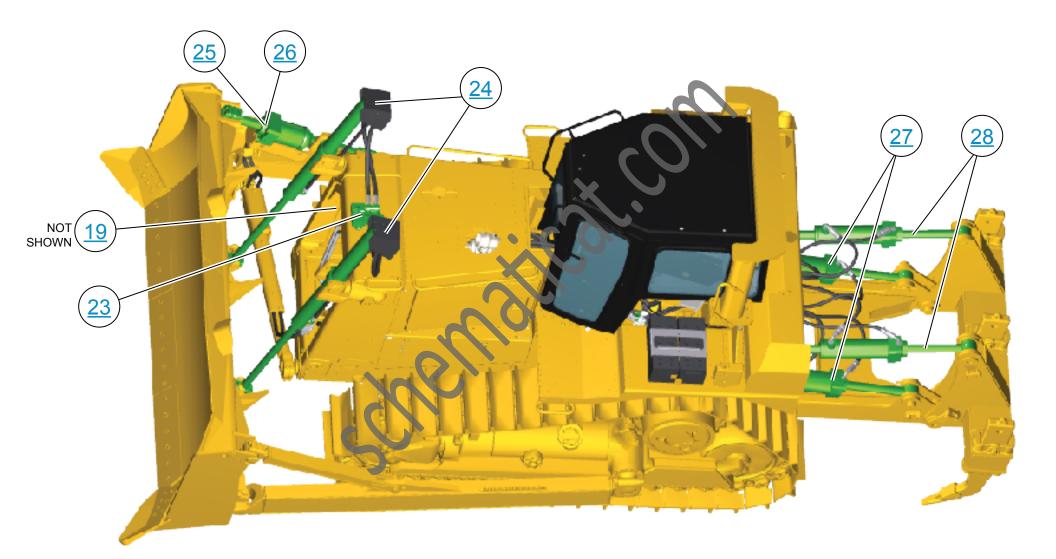
RIGHT SIDE



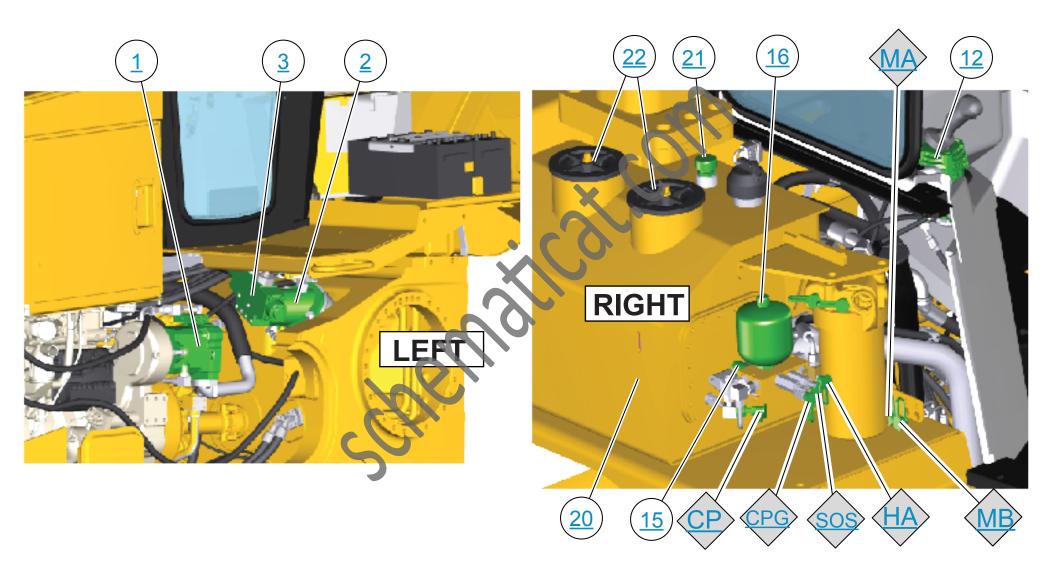


LEFT SIDE









CONTROL VALVE



