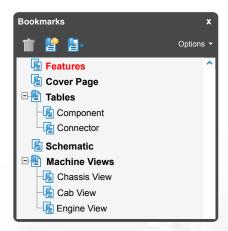
### **INTERACTIVE SCHEMATIC**





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

### \*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**.

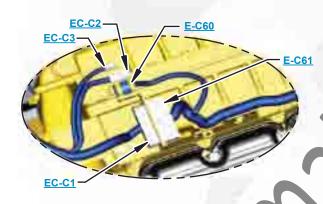
Select **PROPERTIES**.

**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 FDF reader preferences there may be some variance in linked schematic locations



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



Click here to save a copy of this interactive schematic to your desktop

#### **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.

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

ELECTRICAL SYMBOLS				
Pressure Switch	Temperature Switch	Level Switch	Flow Switch	Circuit Breaker

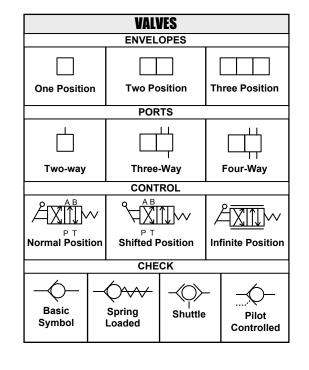
Click here to view the Schematic Symbols and Definitions page

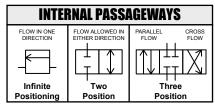
BASIC HYDRAULIC COMPONENT SYMBOLS		
Pump or Motor	Variability	
<b>→</b>	₹*	
Fluid Conditioner	Spring (Adjustable)	

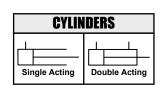


#### **SCHEMATIC SYMBOLS AND DEFINITIONS**

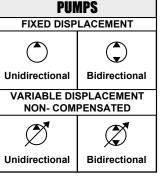


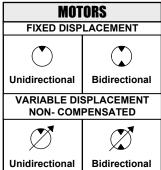


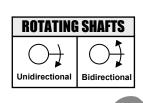


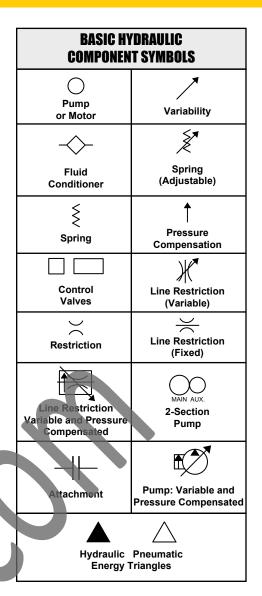


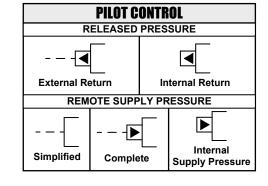
ACCUMULATORS		
Spring Loaded	Gas Charged	

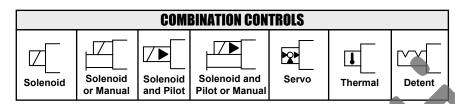


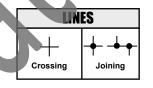




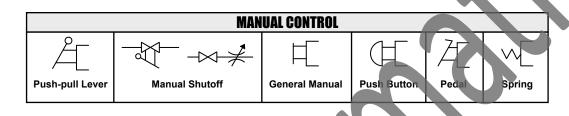


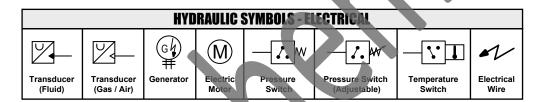


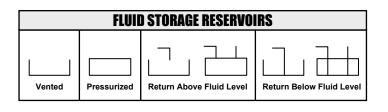


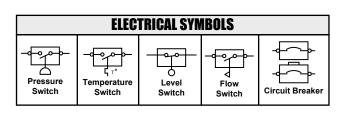


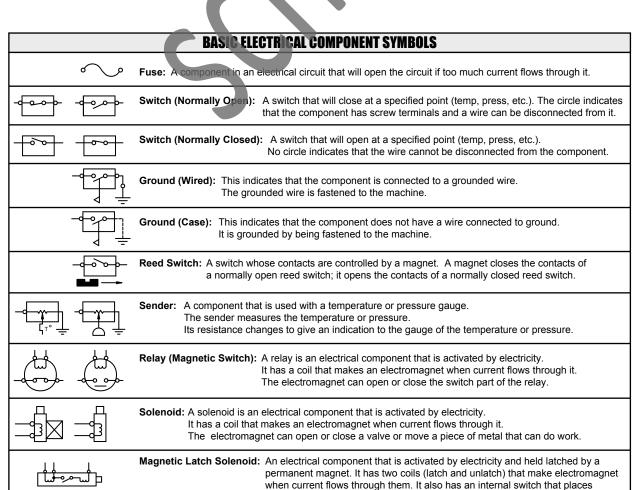
MEASUREMENT			
Pressure	Temperature	Flow	



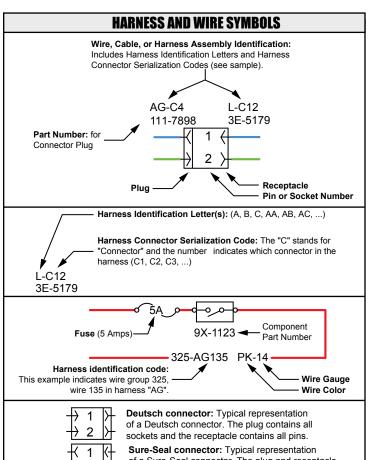








the latch coil circuit open at the time the coil latches.



of a Sure-Seal connector. The plug and receptacle contain both pins and sockets.



# Schematic

## D6T Track-Type Tractor Hydraulic System

SGA1-UP	WES1-UP
RAD1-UP	SGT1-UP
STE1-UP	TMY1-UP
MEL1-UP	HTZ1-U
WRN1-UP	CR31-UP
KMR1-UP	CR81-UP

### **COMPONENT TABLE**



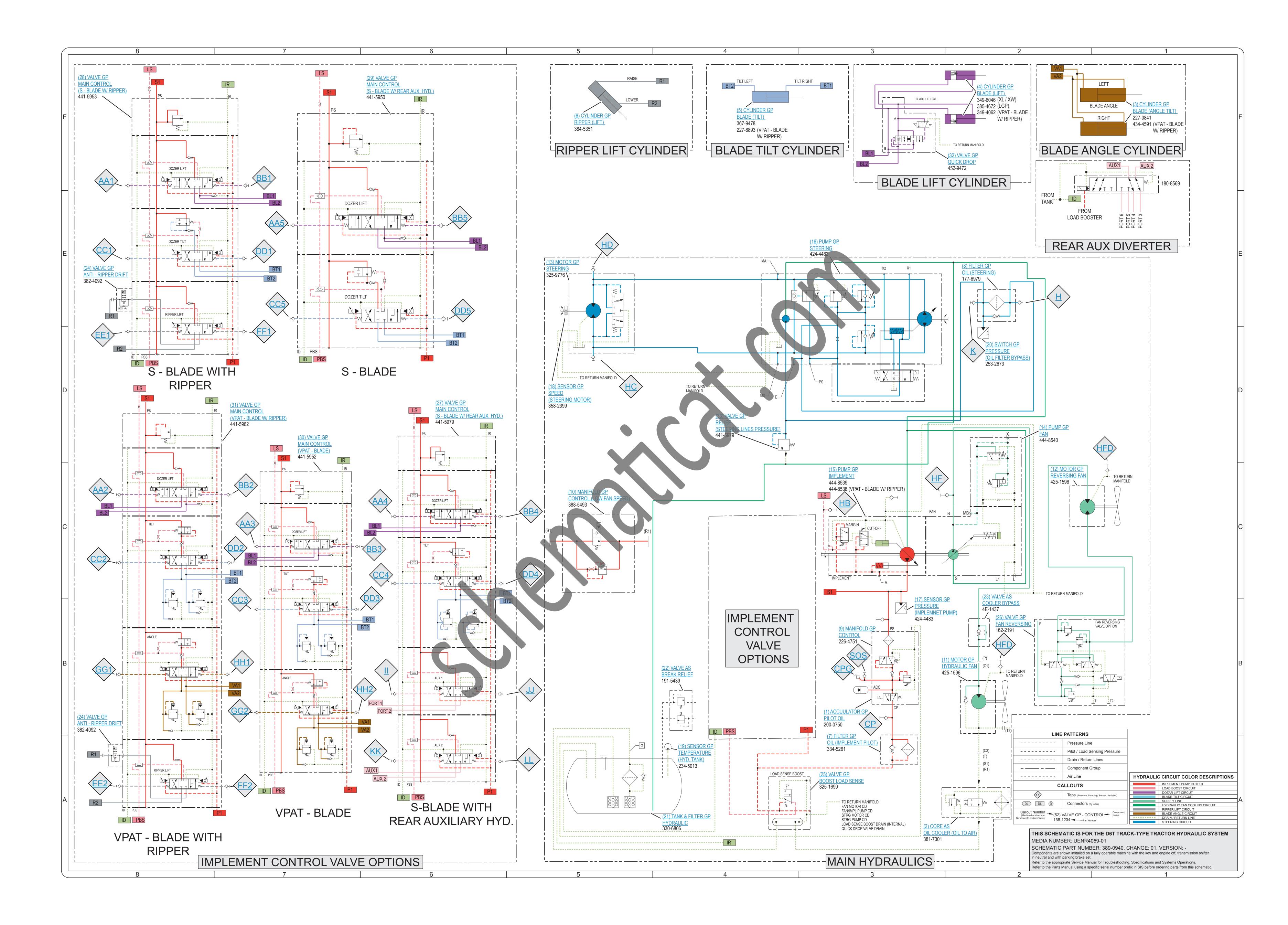
Component Locations			
Description	Part	Machine	Schematic
Description	Number	Location	Location
Accumulator Gp - Pilot Oil	200-0750	<u>1</u>	<u>B-3</u>
Core As - Oil Cooler (Oil to Air)	381-7301	<u>2</u>	<u>A-2</u>
Cylinder Gp - Blade (AngleTilt)	227-0841	2	E 1
Cylinder Gp - Blade (Angle Tilt) (VPAT)	434-4591	<u>3</u>	<u>F-1</u>
Cylinder Gp - Blade (Lift) (XL / XW)	349-6046		
Cylinder Gp - Blade (Lift) (LGP)	385-4672	<u>4</u>	<u>F-2</u>
Cylinder Gp - Blade (Lift) (VPAT - BLADE W/ RIPPER)	349-6042		
Cylinder Gp - Blade (Tilt)	367-9478	<u>5</u>	<u>F-4</u>
Cylinder Gp - Blade (Tilt) (VPAT - BLADE W/ RIPPER)	227-8893	2	1-4
Cylinder Gp - Ripper (Lift)	384-5351	<u>6</u>	<u>F-5</u>
Filter Gp - Oil (Implement Pilot)	334-5261	7	<u>A-3</u>
Filter Gp - Oil (Steering)	177-6979	<u>8</u>	<u>E-2</u>
Manifold Gp - Control	226-4751	9	<u>B-3</u>
Manifold Gp - Control (Low Fan Speed)	388-5493	10	<u>C-5</u>
Motor Gp - Hydraulic Fan	425-1596	11	<u>B-2</u>
Motor Gp - Reversing Fan	425-1597	12	<u>C-2</u>
Motor Gp - Steering	325-9776	<u>13</u>	<u>E-5</u>
Pump Gp - Fan	444-8540	<u>14</u>	<u>D-2</u>
Pump Gp - Implement	444-8539	<u>15</u>	<u>C-3</u>
Pump Gp - Implement (VPAT - Blade W/ Ripper)	444-8538	<u>1</u>	<u>0</u>
Pump Gp - Steering & Charge	424-4483	<u>16</u>	<u>E-3</u>
Sensor Gp - Pressure (Implement Pump)	296-5270	<u>17</u>	<u>B-3</u>
Sensor Gp - Speed (Steering Motor)	358-2399	<u>18</u>	<u>D-5</u>
Sensor Gp - Temperature (Hyd. Tank)	234-5013	<u>19</u>	<u>A-4</u>
Switch Gp - Pressure (Oil Filter Bypass)	253-2673	<u>20</u>	<u>D-2</u>
Tank & Filter Gp - Hydraulic	330-6806	<u>21</u>	<u>A-4</u>
Valve As - Breaker Relief	191-5439	<u>22</u>	<u>B-4</u>
Valve As - Cooler Bypass	4E-1437	<u>23</u>	<u>B-2</u>
Valve Sp - Anti - Ripper Drift	382-4092	<u>24</u>	<u>B-8</u>
Take op 74ta Tapper Blitt	002 4002	<u>2-</u> T	<u>E-8</u>
Valve Gp - Boost Load Sense	180-8569	<u>25</u>	<u>E-1</u>
Valve Gp - Fan Reversing	162-2191	<u>26</u>	<u>B-2</u>
Valve Gp - Main Control (S - Blade W/ Rear Aux. Hyd.)	441-5979	<u>27</u>	<u>D-6</u>
Valve Gp - Main Control (S-Blade W/ Ripper)	441-5953	<u>28</u>	<u>F-8</u>
Valve Gp - Main Control (S-Blade)	441-5950	<u>29</u>	<u>F-6</u>
Valve Gp - Main Control (VPAT - Blade)	441-5952	<u>30</u>	<u>D-7</u>
Valve Gp - Main Control (VPAT - Blade W/ Ripper)	441-5962	<u>31</u>	<u>D-7</u>
Valve Gp - Quick Drop	452-9472	<u>32</u>	<u>F-2</u>
Valve Gp - Relief (Steering Lines Pressure)	198-9219	<u>33</u>	<u>D-4</u>

Note: Check Part Number In The Part Manual For Your Specific Machine.

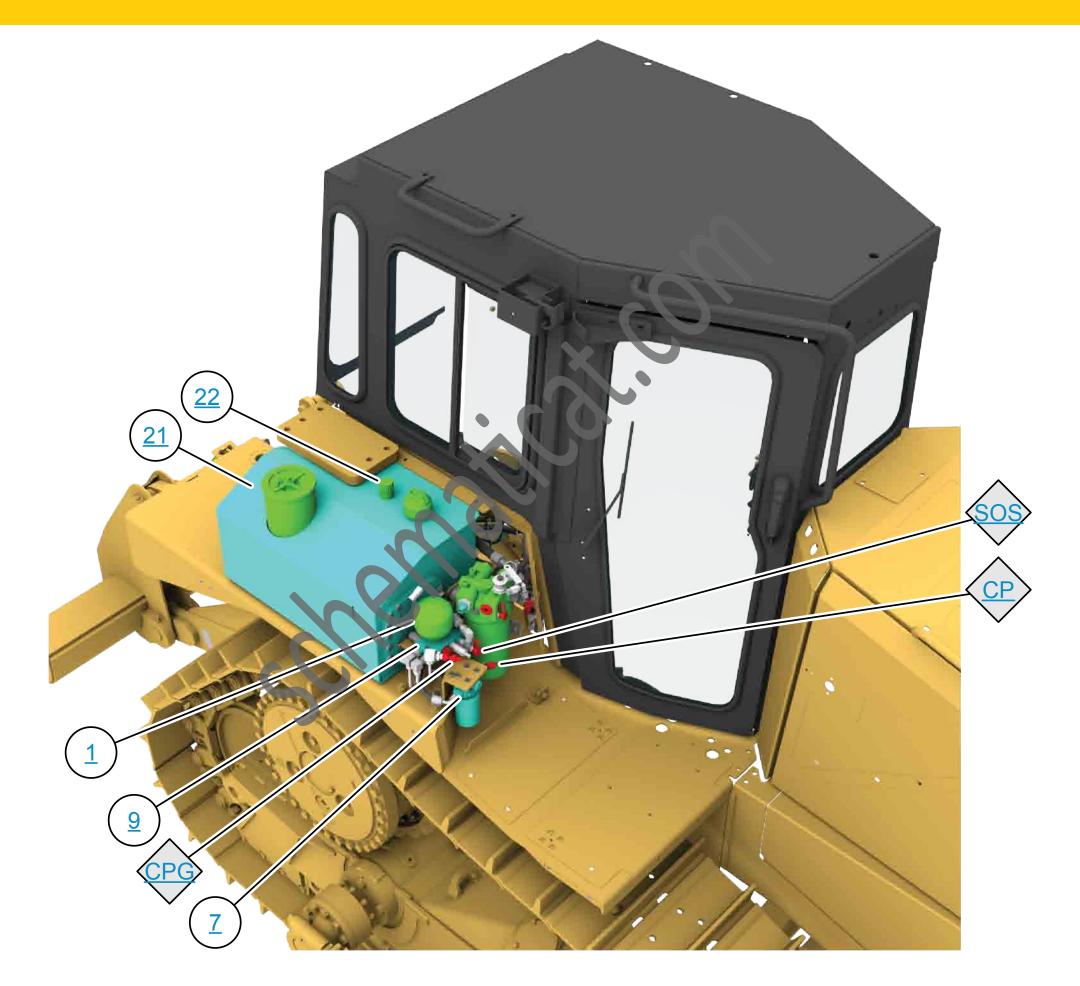


## Tap Locations Pressure, Sampling, and Sensor

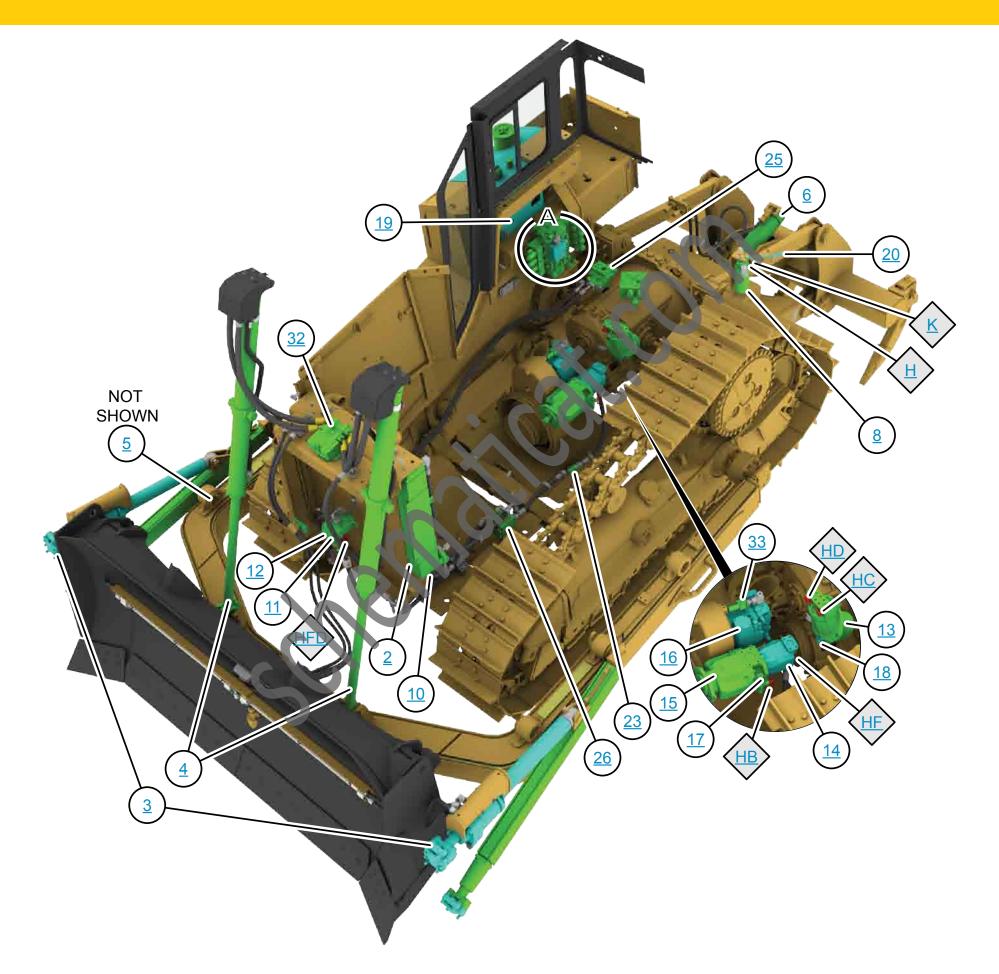
Pressure, Sampling, and Sensor				
Tap Number	Description	Schematic Location		
<u>AA1</u>	Dozer Lift Pressure (LH) (S-Blade With Ripper)	<u>F-8</u>		
AA2	Dozer Lift Pressure (LH) (VPAT - Blade With Ripper)	<u>C-8</u>		
AA3	Dozer Lift Pressure (LH) (VPAT - Blade)	<u>C-8</u>		
AA4	Dozer Lift Pressure (LH) (S-Blade With Rear Aux. Hyd.)	<u>C-6</u>		
<u>AA5</u>	Dozer Lift Pressure (LH) (S-Blade)	F-8		
BB1	Dozer Lift Pressure (RH) (S-Blade With Ripper)	<u>F-7</u>		
BB2	Dozer Lift Pressure (RH) (VPAT - Blade With Ripper)	<u>C-7</u>		
BB3	Dozer Lift Pressure (RH) (VPAT - Blade)	<u>C-6</u>		
BB4	Dozer Lift Pressure (RH) (S-Blade With Rear Aux. Hyd.)	<u>C-5</u>		
<u>BB5</u>	Dozer Lift Pressure (RH) (S-Blade)	<u>F-7</u>		
CC1	Dozer Tilt Pressure (LH) (S-Blade With Ripper)	<u>E-8</u>		
CC2	Dozer Tilt Pressure (LH) (VPAT - Blade With Ripper)	<u>C-8</u>		
CC3	Dozer Tilt Pressure (LH) (VPAT - Blade)	<u>B-7</u>		
CC4	Dozer Tilt Pressure (LH) (S-Blade With Rear Aux, Hyd.)	<u>C-6</u>		
CC5	Dozer Tilt Pressure (LH) (S-Blade)	<u>E-8</u>		
CP	Pilot Valve Supply Pressure	<u>B-3</u>		
CPG	Accumulator Pressure	<u>B-3</u>		
DD1	Dozer Tilt Pressure (RH) (S-Blade With Ripper)	<u>E-7</u>		
DD2	Dozer Tilt Pressure (RH.) (VPAT Blade With Ripper)	<u>C-7</u>		
DD3	Dozer Tilt Pressure (RH) (VPAT - Blade)	B-7		
DD4	Dozer Till Pressure (RH) (S-Blade With Rear Aux. Hyd.)	<u>C-5</u>		
DD5	Dozer Tilt Pressure (RH/ (S-Blade)	E-7		
EE1	Dozer Ripper Lift Pressure (LH) (S-Blade With Ripper)	<u>D-8</u>		
EE2	Dozer Ripper Litt Pressure (VPAT - Blade With Ripper)	A-8		
FF4	Dozer Ripper Lift Pressure (RH) (S-Blade With Ripper)	<u>D-7</u>		
FF2	Dozer Ripper Lift Pressure (VPAT - Blade With Ripper)	A-7		
GG1	Angle Pressure (LH) (VPAT - Blade With Ripper)	B-8		
GG2	Angle Pressure (LH) (VPAT - Blade)	<u>B-7</u>		
CH I	Steering Filter Pressure (RH)	E-2		
HB	Load Sense Pressure	<u>C-3</u>		
HC	Steering Motor Pressure (MB)	<u>D-5</u>		
HD	Steering Motor Pressure (MA)	<u>E-5</u>		
HE	Fan Pump Pressure	<u>C-3</u>		
	·	<u>D-1</u>		
<u>HFD</u>	Fan Motor Drain Pressure	<u>B-2</u>		
<u>HH1</u>	Angle Pressure (RH) (VPAT - Blade With Ripper)	<u>B-7</u>		
HH2	Angle Pressure (RH) (VPAT - Blade)	<u>B-6</u>		
<u> </u>	Aux 1 Pressure (LH) (S-Blade With Rear Aux. Hyd.)	<u>C-6</u>		
	Aux 1 Pressure (RH) (S-Blade With Rear Aux. Hyd.)	<u>C-5</u>		
K	Steering Filter Pressure (LH)	<u>D-2</u>		
KK	Aux 2 Pressure (LH) (S-Blade With Rear Aux. Hyd.)	<u>C-6</u>		
<u>LL</u>	Aux 2 Pressure (RH) (S-Blade With Rear Aux. Hyd.)	<u>C-5</u>		
SOS	Oil Sampling Port	<u>B-3</u>		











### **IMPLEMENT CONTROL VALVE OPTIONS VIEW**



