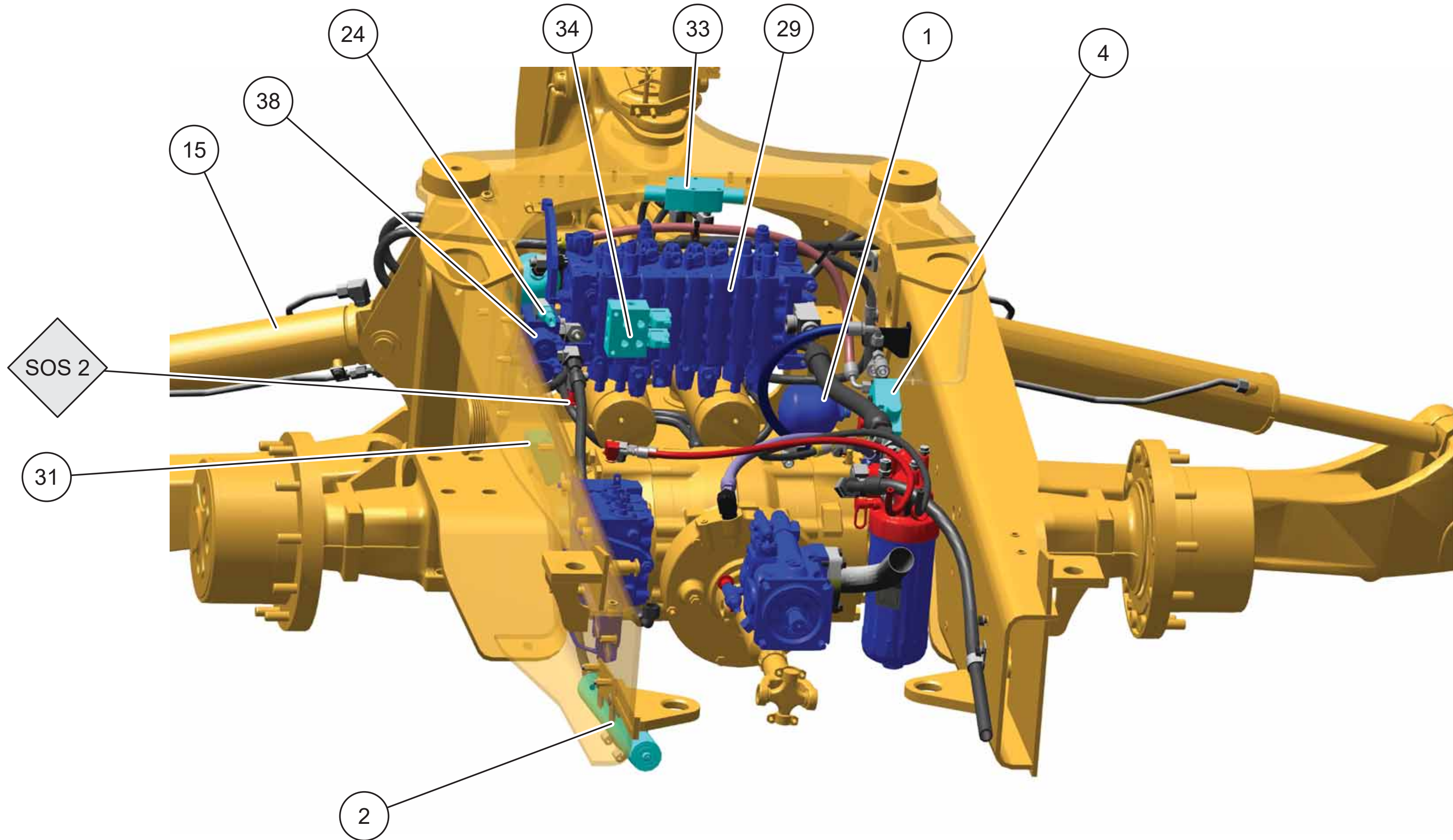
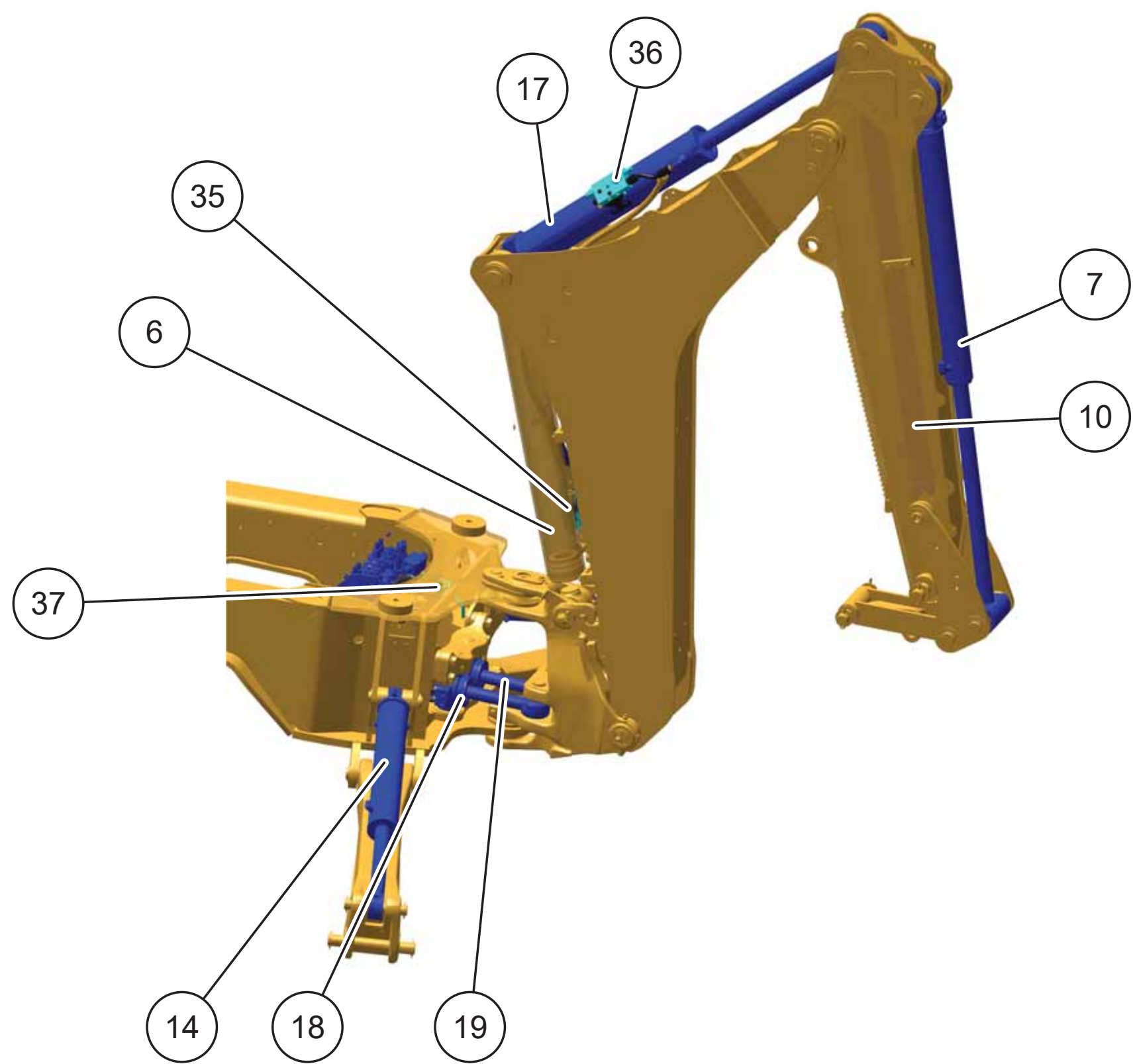


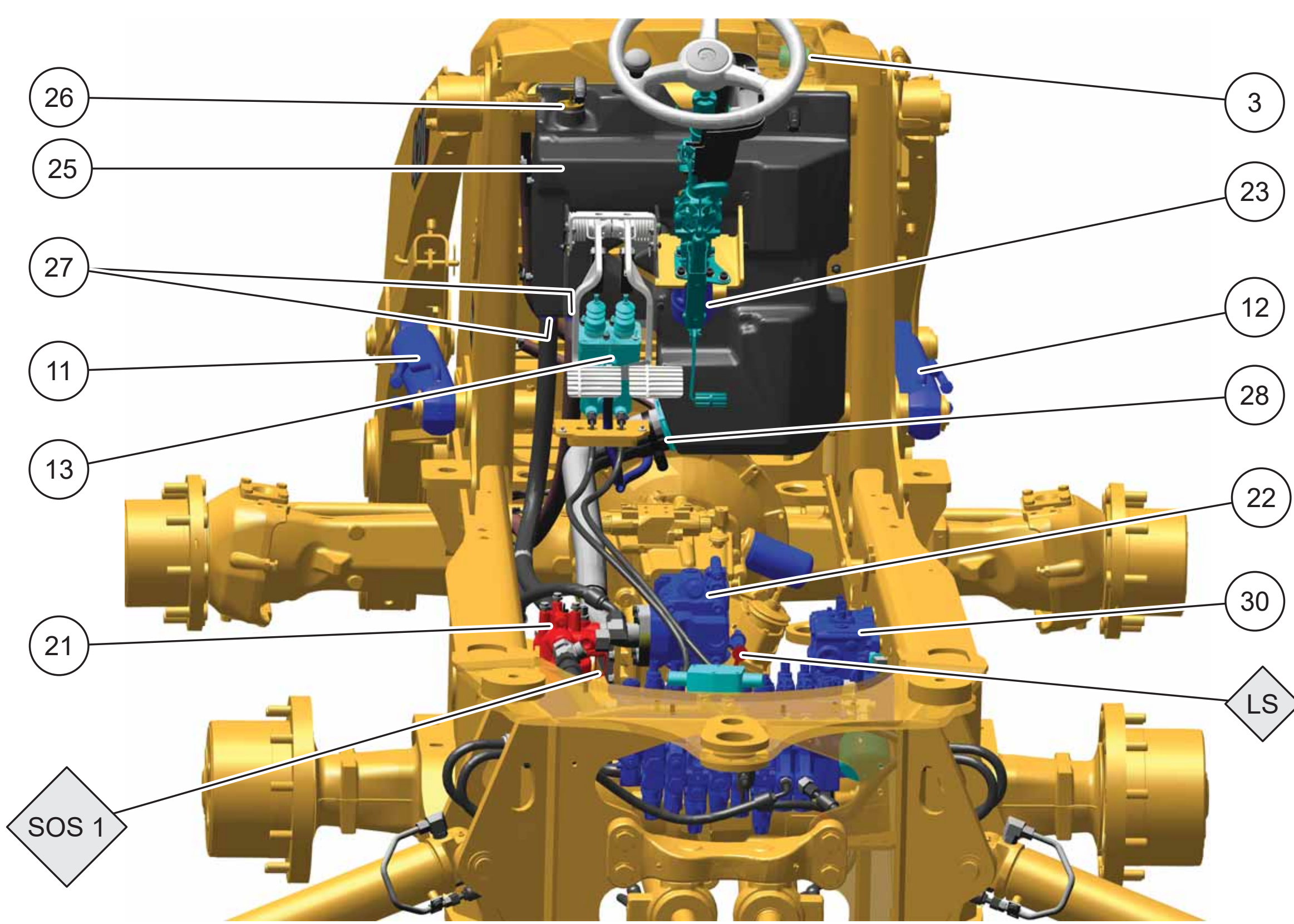
BACKHOE COUPLER



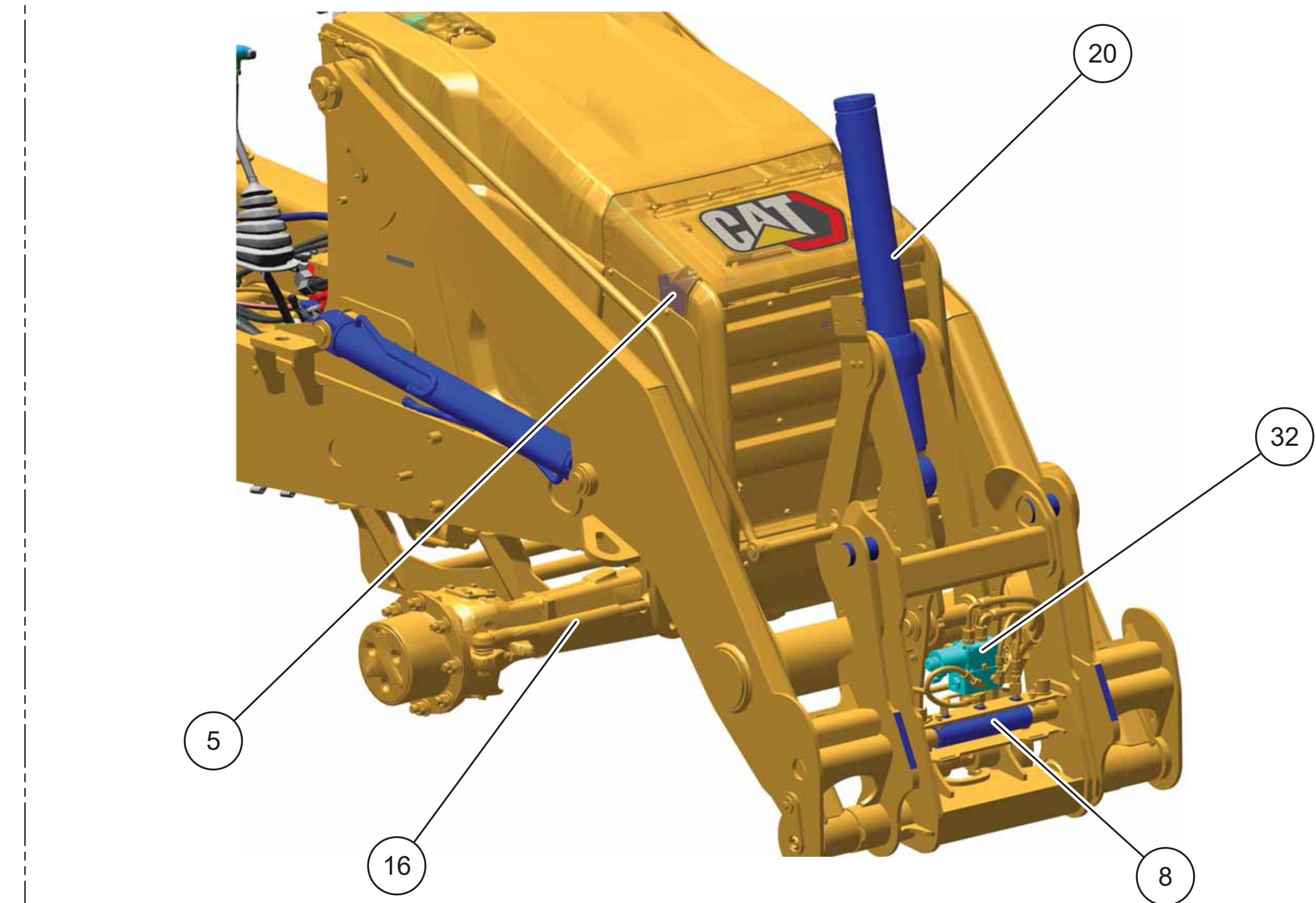
MAIN CONTROL VIEW



BACKHOE ARRANGEMENT



CHASSIS VIEW



COUPLER VIEW

Component Locations		
Description	Schematic Location	Machine Location
Accumulator Gp - SAHR / Brake	F-13	1
Accumulator Gp (Ride Control)	D-14	2
Breather	B-7	3
Control Gp - Service Brake	F-9	13
Cooler Gp (Hydraulic)	D-7	5
Cylinder Gp - Boom	J-11	6
Cylinder Gp - Bucket	J-9	7
Cylinder Gp - Coupler	B-16	8
Cylinder Gp - Coupler (HOE)	H-2	9
Cylinder Gp - E-Stick	J-6	10
Cylinder Gp - Lift (Left)	B-14	11
Cylinder Gp - Lift (Right)	C-14	12
Cylinder Gp - Stabilizer (Left)	J-13	14
Cylinder Gp - Stabilizer (Right)	J-14	15
Cylinder Gp - Steering	B-16	16
Cylinder Gp - Stick	J-9	17
Cylinder Gp - Swing (Left)	J-10	18
Cylinder Gp - Swing (Right)	J-11	19
Cylinder Gp - Tilt	B-15	20
Filter Gp (Hydraulic)	D-3	21
Pump Gp - Piston	D-8	22
Pump Gp (HML)	C-16	23
Sensor Gp - Pressure (Ride Control)	D-14	24
Tank & MTG Gp - Hydraulic	A-7	25
Tank Gp - Cap Filler	B-11	26
Tank Gp - Diffuser	A-8	27
Tank Gp - Strainer	A-9	28
Valve Gp - Backhoe	I-16	29
Valve Gp - Bank (Loader)	A-12	30
Valve Gp - Coupler (HOE)	E-2	31
Valve Gp - Coupler (Loader)	A-14	32
Valve Gp - Cushion (Swing Control)	J-10	33
Valve Gp - Flow Control (Pattern Changer)	E-5	34
Valve Gp - Hose Burst Check (Boom)	I-12	35
Valve Gp - Hose Burst Check (Stick Load Control)	J-8	36
Valve Gp - Manual (1 Way / 2 Way)	F-3	37
Valve Gp - Ride Control	D-14	38
Valve Gp - Solenoid Pressure Reducing (SAHR / Powershift Only)	F-14	4

Tap Locations Pressure, Sampling, and Sensor		
Tap Number	Description	Schematic Location
SOS 1	Scheduled Oil Sampling Port (Filter Group)	D-4
SOS 2	Scheduled Oil Sampling Port (Control Valve)	I-15
LS	Load Sense Pressure Port	D-8



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March 2020

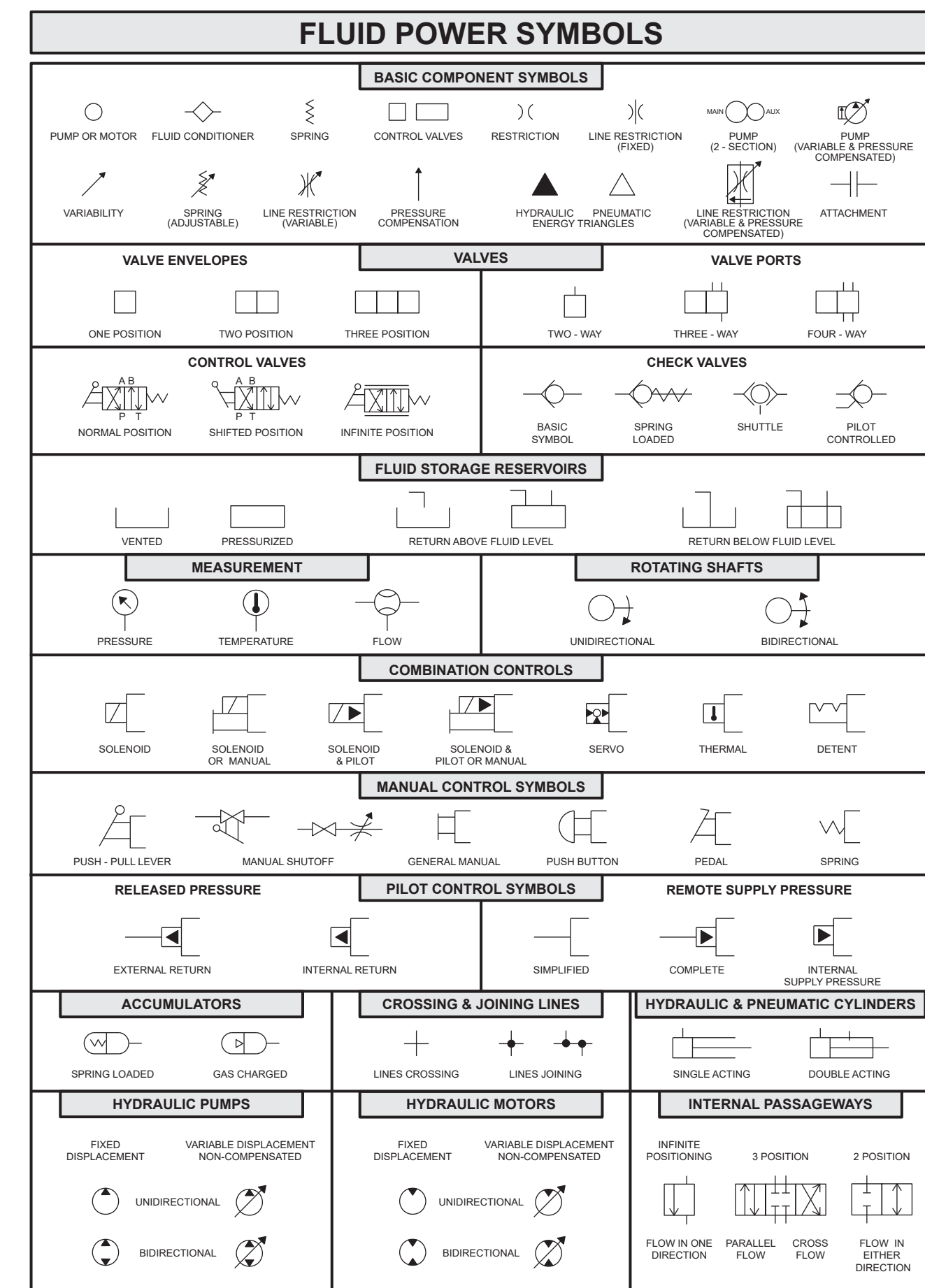
Schematic

420 and 430 Backhoe Loader Hydraulic System

NDX1-UP
LBT1-UP
LBT1-UP
HBT1-UP
LBT1-UP
HBT1-UP

Mechanical / Pilot System

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