CASE

REPAIR MANUAL

Crawler Excavator

CX225SR

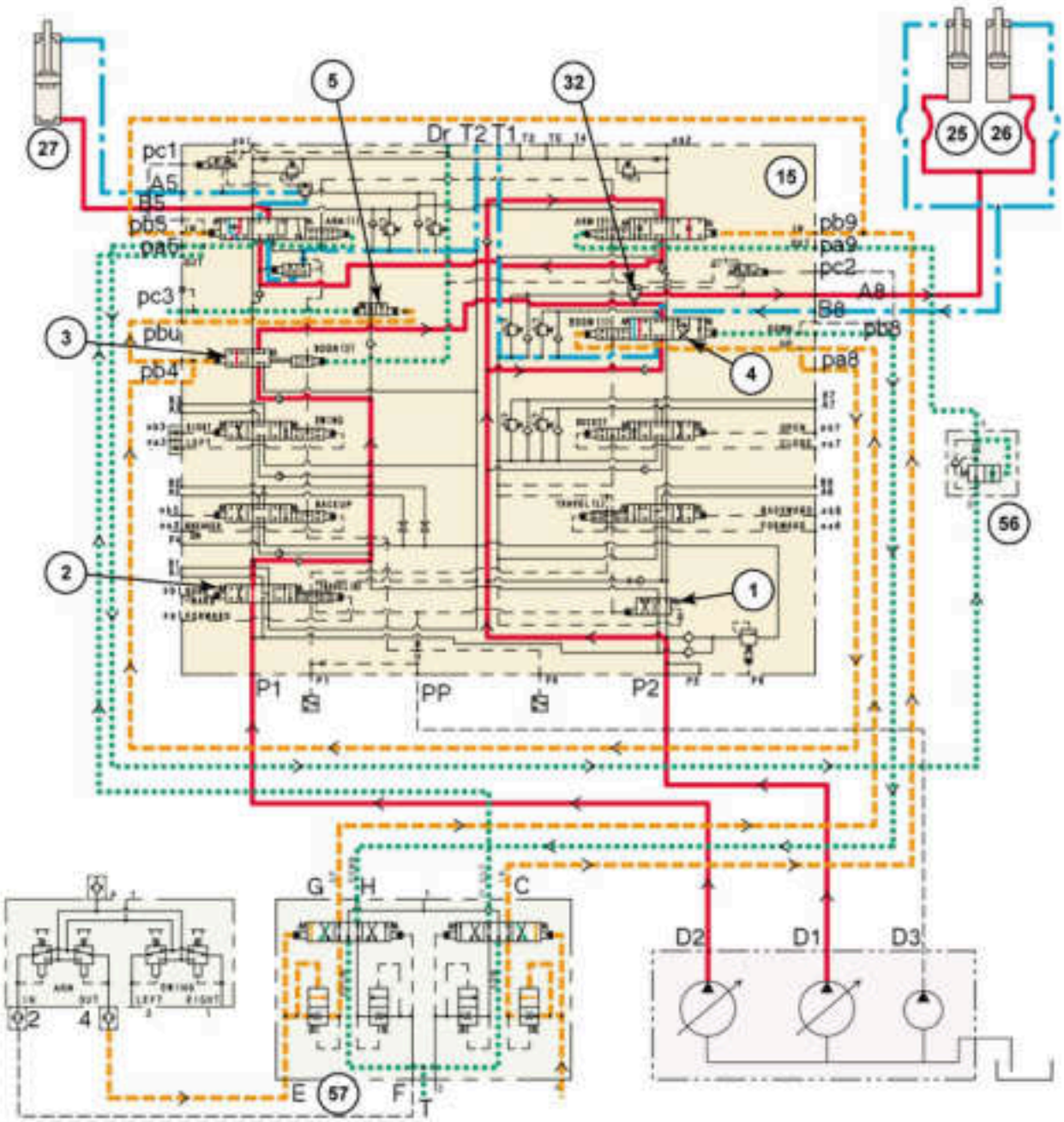
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BOOM Lift - Hydraulic schema (H.20.B - C.20.A.20)

CX225SR



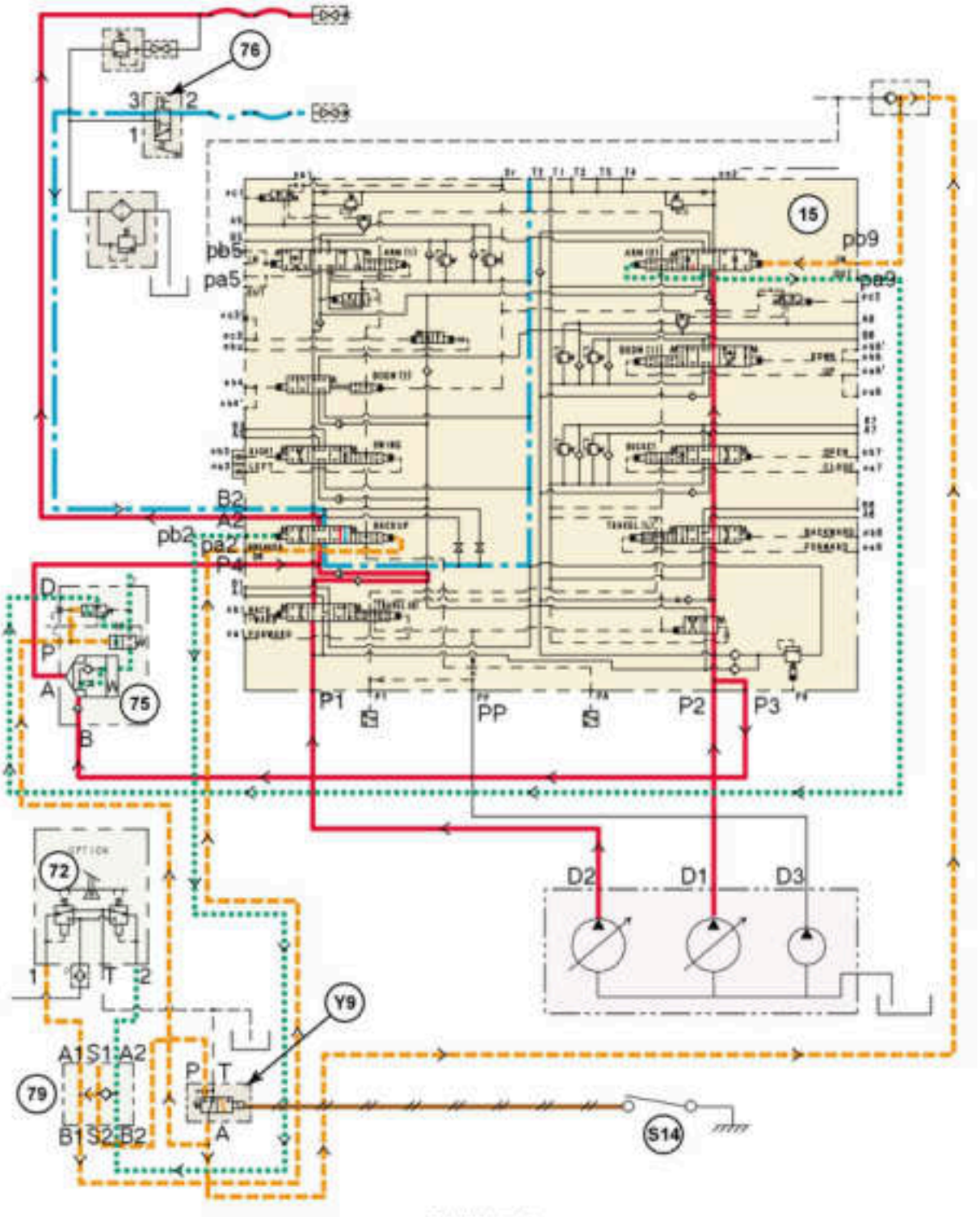
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Boom raising and dipper return circuit (levelling) - Dynamic Description

Boom raising and dipper return (levelling)

(1)	Straight-line travel valve	**(2)**	RH travel spool
(3)	Boom spool 2	**(4)**	Boom spool 1
(5)	Swing priority valve	**(15)**	Main control valve
(25)	Boom cylinder	**(26)**	Boom cylinder
(27)	Dipper cylinder	**(32)**	Boom load holding valve
(57)	Cushion valve	**(58)**	Cushion valve
(P1)	Pump D2 outlet flow	**(P2)**	Pump D1 outlet flow

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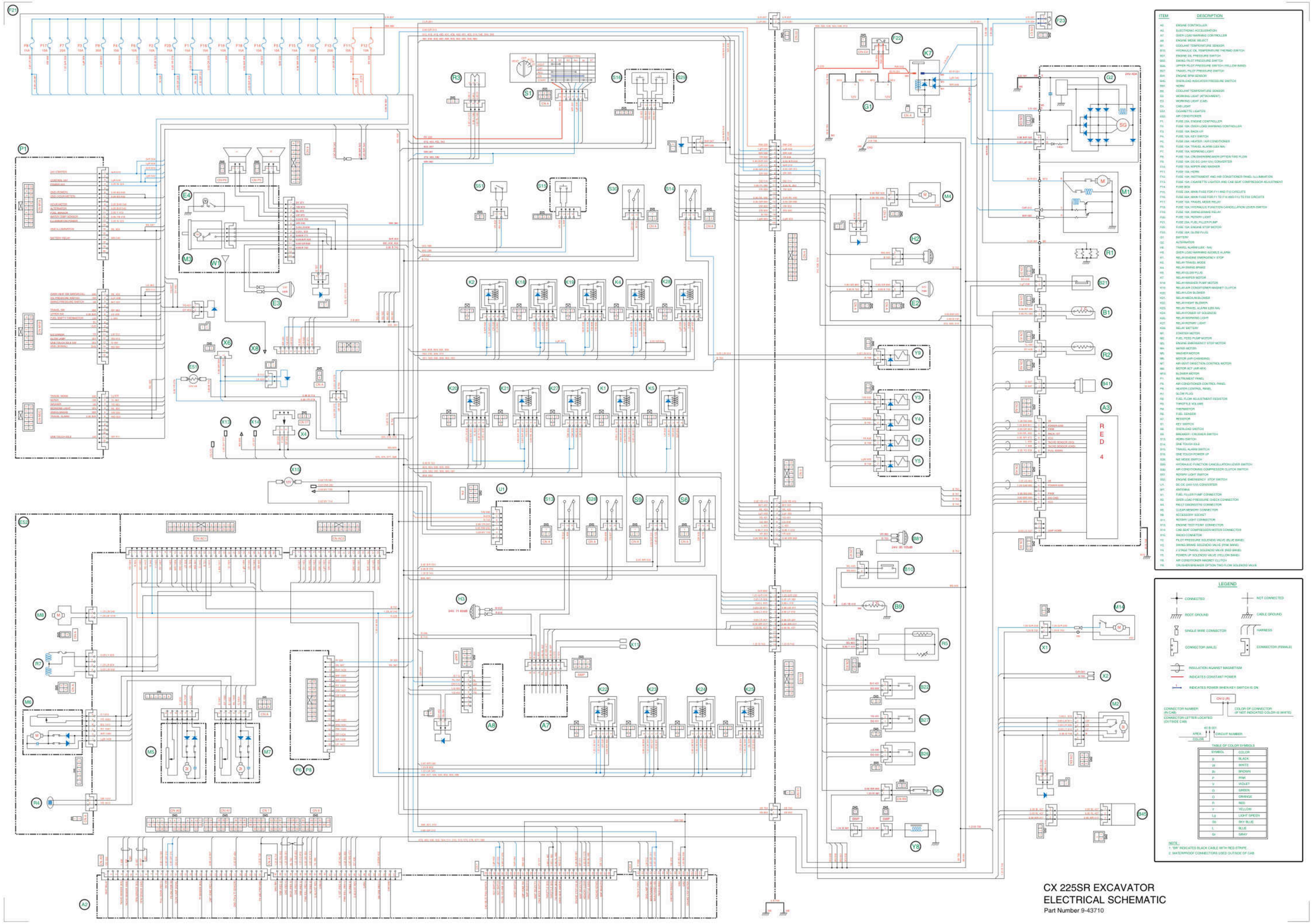


Grab circuit - dynamic description

Grab circuit

(15)	Main control valve	**(72)**	Foot control
(75)	Flow re-injection valve	**(76)**	3-way selector
(79)	Control shuttle block	**(P1)**	Pump D2 outlet flow
(P2)	Pump D1 outlet flow	**(Pa2/A2)**	Option circuit
(Pb2/B2)	Option circuit	**(Pa9/Pb9)**	Dipper spool 2
(S14)	Hammer/grab switch	**(Y9)**	Dual output hammer/grab option solenoid valve.

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