

Document number: pe42\_45-p-2101-99bb

Document title: Wiring diagram for electronic stability program (ESP) control unit

**Code:**

**Designation:**

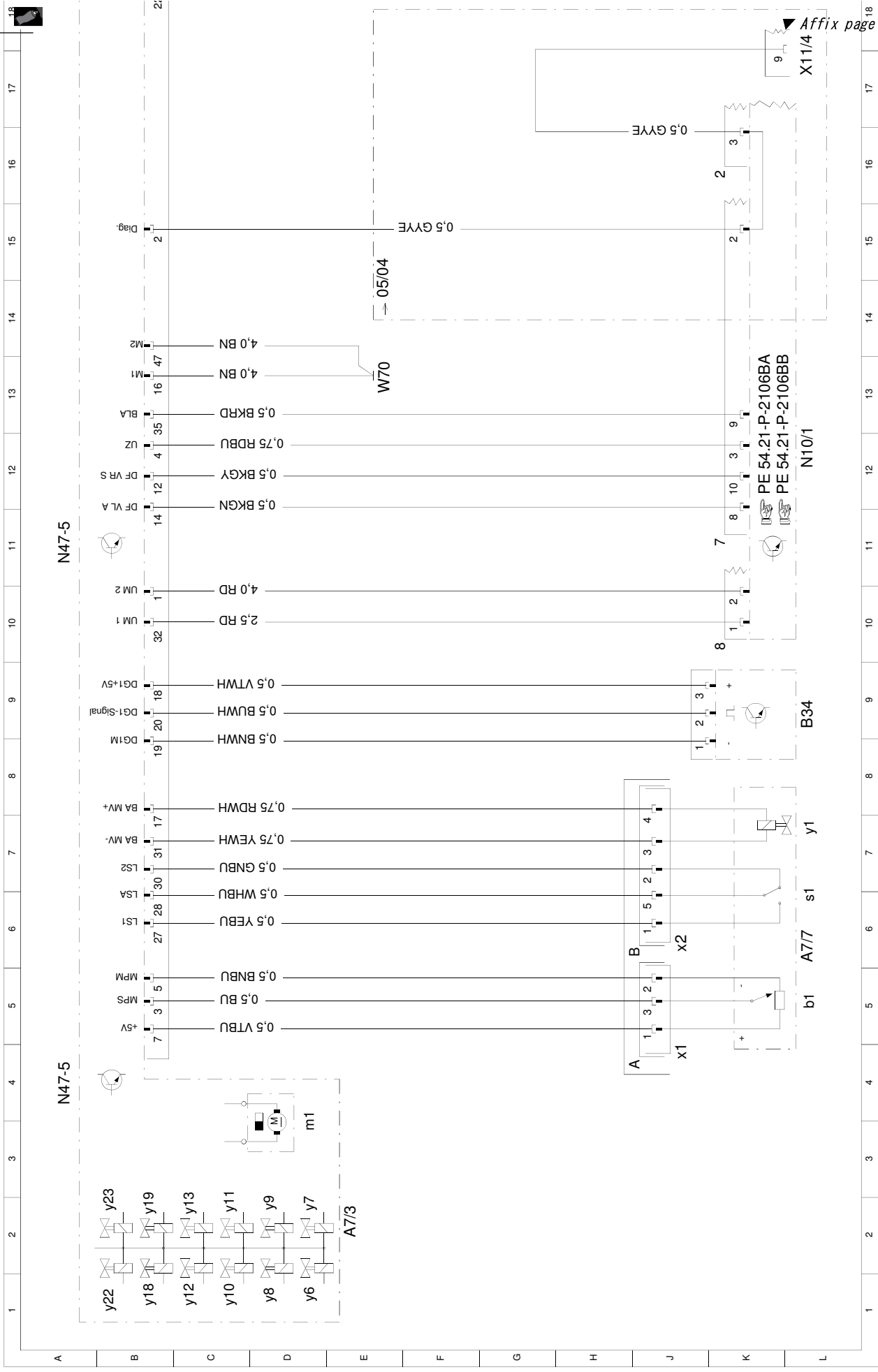
**Position:**

A0	Color code key	40 L
A7/3	Traction system hydraulic unit	2 E
A7/3m1	High pressure and return pump	3 D
A7/3y10	Left rear solenoid valve (pressure hold)	1 C
A7/3y11	Left rear solenoid valve (pressure release)	2 C
A7/3y12	Right rear solenoid valve (pressure hold)	1 C
A7/3y13	Right rear solenoid valve (pressure release)	2 C
A7/3y18	Front axle switchover solenoid valve	1 B
A7/3y19	Rear axle switchover solenoid valve	2 B
A7/3y22	Front axle inlet solenoid valve	1 B
A7/3y23	Rear axle inlet solenoid valve	2 B
A7/3y6	Left front solenoid valve (pressure hold)	1 D
A7/3y7	Left front solenoid valve (pressure release)	2 D
A7/3y8	Right front solenoid valve (pressure hold)	1 D
A7/3y9	Right front solenoid valve (pressure release)	2 D
A7/7	BAS brake booster	6 L
A7/7b1	BAS diaphragm travel sensor	5 L
A7/7s1	BAS release switch	6 L
A7/7x1	Diaphragm travel sensor connector	4 J
A7/7x2	Release switch and solenoid valve connector	4 J
A7/7y1	BAS solenoid valve	5 J
B24/15	Turn rate and lateral acceleration sensor	7 L
B34	ESP brake pressure sensor	19 L
L6/1	Left front rpm sensor	9 L
L6/2	Right front rpm sensor	22 L
L6/3	Left rear rpm sensor	27 L
L6/4	right rear rpm sensor	31 L
N10/1	Front SAM control unit with fuse and relay module	29 L
N47-5	ESP and BAS control unit	12 L
N47-5	ESP and BAS control unit	4 A
N47-5	ESP and BAS control unit	11 A
N47-5	ESP and BAS control unit	20 A
N47-5	ESP and BAS control unit	28 A
N47-5	ESP and BAS control unit	35 A
S10/2	Right front brake pad contact sensor	26 L
S10/4	Right rear brake pad contact sensor	24 L
U137	Valid for engine 112 and 113	23 E
U199	Valid for engine 612	26 D
U739	Valid for engine 271	26 D
U77	Valid for speed-sensitive power steering (SPS [PML])	32 E

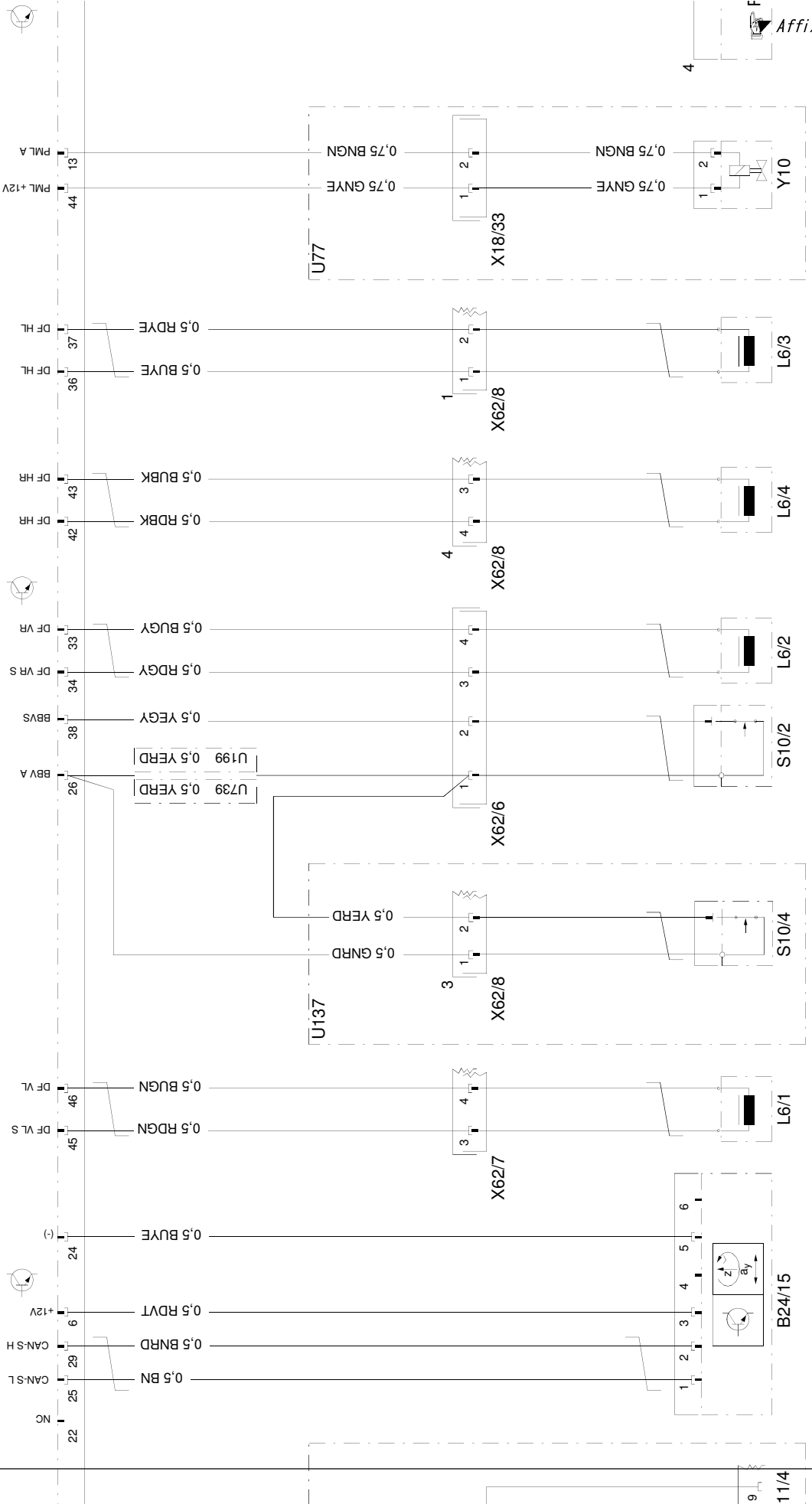
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W70	Ground (ESP)	13 E
X11/4	Data link connector	17 L
X18/33	SPS [PML] connector	32 H
X62/6	Right front axle multiple circuit junction connector, major assembly compartment	25 H
X62/7	Left front axle multiple circuit junction connector, major assembly compartment	21 H
X62/8	Rear axle multiple circuit junction connector	23 H
X62/8	Rear axle multiple circuit junction connector	28 H
X62/8	Rear axle multiple circuit junction connector	30 H
X63/4	CAN databus adapter connector (2-pin)	36 L
Y10	SPS [PML] solenoid valve	33 L



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