

# TESLA LOGIC BOARD AMPSEAL CONNECTOR MAPPING V2

PIN NUMBER	OEM	OPEN SOURCE	COMMENTS
1	IGN +12V	IGN +12V	JUMPER SELECTABLE CAN OR RS232 TX JUMPER SELECTABLE CAN OR RS232 RX
2	BRAKE ON N.O.	BRAKE ON	
3	BRAKE OFF N.C.	PRECHARGE RELAY	
4	CAN HIGH	CAN HIGH	
5	CAN LOW	CAN LOW	JUMPER SELECTABLE CAN OR RS232 TX JUMPER SELECTABLE CAN OR RS232 RX
6	CHG PROXIMITY	MAIN CONTACTOR	
7	HVIL IN	FORWARD	
8	HVIL OUT	REVERSE	
9	ENC +5V	ENC +5V	
10	ENC A	ENC A	
11	GND	GND	
12	ACCEL 1 +5V	ACCEL 5V	
13	ACCEL 1	ACCEL INPUT	
14	ACCEL 2	BRAKE TRANSDUCER	
15	ACCEL 1 GND	ACCEL GND	
16	ENC B	ENC B	
17	ENC GND	ENC GND	LINKED IN THE AMPSEAL SOCKET TO PIN 4 LINKED IN THE AMPSEAL SOCKET TO PIN 5
18	ENC SHIELD	ENC SHIELD	
19	CAN HIGH OUT		
20	CAN LOW OUT		
21	ACCEL 2 +5V	CRUISE IN	
22	ACCEL 2 GND	GND	
23	12V ALWAYS T30	START	

AS OEM

REMAPPED

UNUSED