

GF15.15-P-3100M	ECI ignition system power pack location/task/design/function	16.12.03
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ENGINE 275.951 /981 in MODEL 230

N91 ECI ignition system mains unit

Connector assignment:

Pin 4, 5 Voltage supply, circuit (terminal) 87

Pin 7 Auxiliary voltage approx. 23 V for right ignition module

Pin 8 Auxiliary voltage approx. 23 V for left ignition module

Pin 9 Voltage approx. 180 V for right ignition module

Pin 11 Ground for right ignition module

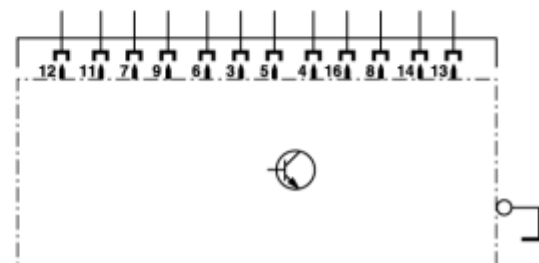
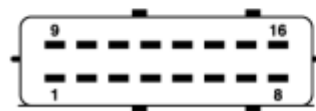
Pin 12 Battery voltage for right ignition module

Pin 13 Battery voltage for left ignition module

Pin 14 Ground for left ignition module

Pin 16 Voltage approx. 180 V for left ignition module

N91



P15.10-2042-06

Danger!	Risk of death when touching parts conducting high voltage when the ignition is switched off	After ignition OFF only disconnect the plug on the ECI ignition system power pack after 3 minutes.	AS15.15-Z-0001-01A
	ECI ignition system power pack location		GF15.15-P-3100-01M
	ECI ignition system power pack task	The ECI ignition system power pack generates:	

		<ul style="list-style-type: none">● 23 volts as an auxiliary voltage for ion current measurement● about 180 volts for generating the ignition voltage. Terminal 87 is also looped to each ignition module.	
	ECl ignition system power pack design		GF15.15-P-3100-02M
	ECl ignition system power pack function	DC voltage converter with two separate channels each with 55 watts for the ignition module on the right and on the left. All outputs are protected.	