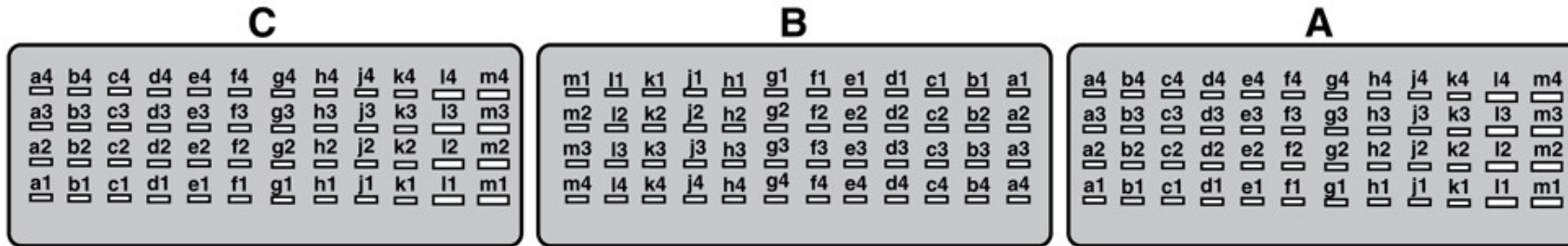
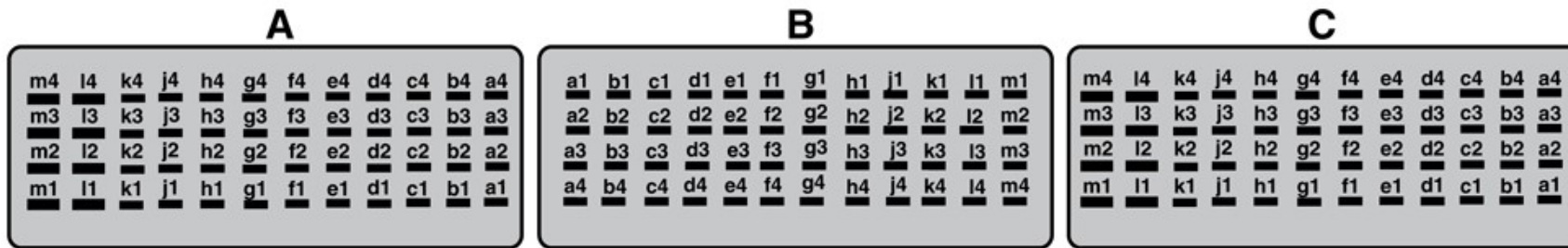


Terminal Side













AD128355

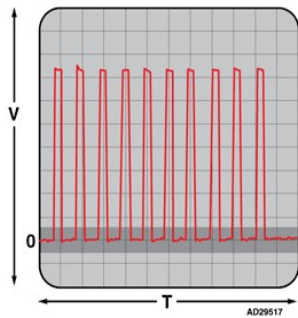
Wire Side



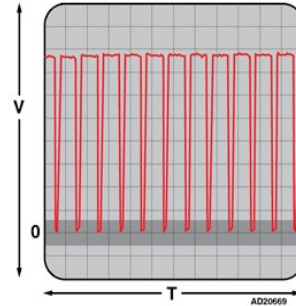
AD128356



Component/circuit description	ECM pin	Signal	Condition	Typical value	Oscilloscope setting	Wave form
<a href="#">Exhaust gas recirculation (EGR) cooler bypass valve</a>	BI4		Ignition ON		2 V/5 ms	
<a href="#">Exhaust gas recirculation (EGR) cooler bypass valve</a>	BI4		Engine idling		2 V/5 ms	
<a href="#">Exhaust gas recirculation (EGR) cooler bypass valve</a>	Bm1		Ignition ON	11-14V		
<a href="#">Exhaust gas recirculation (EGR) cooler bypass valve</a>	Bm2		Ignition ON	11-14V		
<a href="#">Exhaust gas recirculation (EGR) cooler bypass valve</a>	Bm3		Ignition ON	11-14V		
<a href="#">Exhaust gas recirculation (EGR) valve actuator</a>	Aj2			Connected pin - no test data available or random digital signal		
<a href="#">Exhaust gas recirculation (EGR) valve actuator</a>	Ak2			Connected pin - no test data available or random digital signal		
<a href="#">Exhaust gas recirculation (EGR) valve position sensor</a>	Bg1		Ignition ON	5V		
<a href="#">Exhaust gas recirculation (EGR) valve position sensor</a>	Bg3		Engine idling	3V		
<a href="#">Exhaust gas recirculation (EGR) valve position sensor</a>	Bg4		Ignition ON	0V		

Ignition ON



Engine idling



Component	EM component pins	Component connected/disconnected	Condition	Typical value	Wire colour or number	Notes
Exhaust gas recirculation (EGR) valve actuator	4 & 5			40 Ω	1316 & 1308	Test at component.
Exhaust gas recirculation (EGR) valve position sensor	3 & earth		Engine idling	3 V	133 & earth	Incorporated in exhaust gas recirculation (EGR) valve Checking signal. Test at harness multiplex.