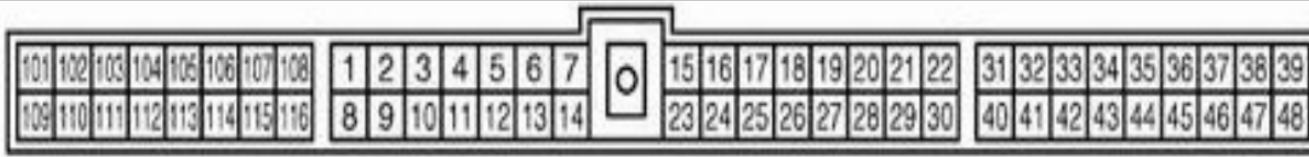


WHP

Nissan 64-Pin Adapter S13 SR20



Before installing adapter- Please see the "EMU First Start Checklist" link on our Downloads page for installation information at: <https://ecumasterusa.com/pages/software-downloads>

Board Rev 1 For S13 models with 62/63 E5 NA ECU labels

Gray Connector		Vehicle Side			Black Connector		Vehicle Side		
Pin	Function	Harness Pin	Device	Pin Name	Pin	Function	Harness Pin / Wire Color	Device	Pin Name
1	Ignition coil #6				1	Ignition Coil 5			
2	Stepper motor #1 winding A		N/C Remove wire		2	EGT In #1			
3	Stepper motor #2 winding A				3	Knock Sensor In #1			27
4	AUX 6		MIL/CEL	25	4	Analog In #2		Power Steering	43
5	AUX 3	Diode	AAC Idle Valve	113	5	CLT In			18
6	Injector #4			112	6	WBO Vs		Signal	19
7	Injector #1			101	7	Camsync In #2			
8	Ignition coil #1			1	8	Primary trigger In			31
9	Ignition coil #3			8	9	Flex Fuel In			
10	Stepper motor #1 winding B		N/C Remove wire		10	Switch #1 in			
11	Stepper motor #2 winding B				11	RS232 TX			
12	AUX 5	Diode	Boost Solenoid	111	12	CAN H			
13	AUX 2		Fuel Pump	104	13	Constant +12V			46
14	Injector #5			106	14	Ignition Coil 4			9
15	Injector #2			110	15	EGT In #2			
16	Ignition coil #2			2	16	Knock Sensor In #2			
17	Power Ground			6, 13, 107, 108, 116	17	Analog In #3			
18	Ignition +12V		Power +12V	36	18	TPS In			20
19	WBO Heater	WBO Signal			19	WBO Ip			
20	AUX 4 / Tacho		Tach	3	20	VSS In			32
21	AUX 1		ECCS Relay	4	21	Camsync #1			30
22	Injector #6		VTC	114	22	WBO Rcal			
23	Injector #3			103	23	Switch #2 in			
24	Power Ground			6, 13, 107, 108, 116	24	RS232 RX			
					25	CAN L			
					26	+5V Supply			37
					27	Power Ground			6, 13, 107, 108, 116
					28	ECU Ground			39, 48
					29	Sensor Ground			21, 29
					30	Analog In #4			
					31	Analog In #1	Pulldown - 0 clutch engagement	A/C Switch	41
					32	IAT In	Must install WHPIAT sensor		
					33	WBO Vs/lp			
					34	5V supply			
					35	Analog input #5			
					36	Switch #3 in			
					37	Analog input #6			
					38	Sensor Ground			
					39	Sensor Ground			

