

C3100 ECU WIRING PIN-OUT
REV F 3-28-15

PIN	DESCRIPTION	USE	TYPE	NOTES	WIRE GAUGE
J1_BF2	VR1(+)	VR 1(+)	INPUT	USE TWISTED WIRE	20
J1_BE3	VR1(-)	VR 1(-)	INPUT	USE TWISTED WIRE	20
J1_AJ2	VR2(+)	VR 2(+)	INPUT	USE TWISTED WIRE	20
J1_AH2	VR2(-)	VR 2(-)	INPUT	USE TWISTED WIRE	20
J1_BB2	HALL CRANK	HALL CRANK(+)	INPUT	USE TWISTED WIRE	20
J1_BB3	HALL CAM	HALL CAM(-)	INPUT	USE TWISTED WIRE	20
J1_BD2	COIL(-) TACH PICKUP	COIL(-) TACH PICKUP	INPUT		20
J1_BC4	OUT_1(-)	AUX 1	OUTPUT		20
J1_BD4	OUT_2(-)	BOOST SOL.(-)	OUTPUT		20
J1_AH1	OUT_3(-)	WATER METH (-)	OUTPUT		20
J1_AG1	OUT_4(-)	WATER METH PUMP RLY (-)	OUTPUT		20
J1_AJ1	OUT_5(-)	AUX 2	OUTPUT		20
J1_BE4	OUT_6(-)	NITROUS 1	OUTPUT	MUST CONNECT TO SSR	20
J1_AK1	OUT_7(-)	NITROUS 2	OUTPUT	MUST CONNECT TO SSR	20
J1_BA4	TACH OUT	TACH OUT	OUTPUT		20
J1_BF4	RELAY(-)	RELAY(-)	OUTPUT	CONNECT TO [85-POWER RELAY]	20
J1_BC3	DIGITAL_1	2-STEP	INPUT		20
J1_AB3	DIGITAL_2	AC	INPUT		20
J1_AC2	DIGITAL_3	DATALOG TRIGGER	INPUT		20
J1_AE2	DIGITAL_4		INPUT		20
J1_AC1	DIGITAL_5		INPUT		20
J1_BA3	DIGITAL_6		INPUT		20
J1_AA2	DIGITAL_7		INPUT		20
J1_AD1	DIGITAL_8		INPUT		20
J1_AF4	COIL_1(-)	COIL_1(-)	OUTPUT		20
J1_AH4	COIL_2(-)	COIL_2(-)	OUTPUT		20
J1_AK4	COIL_3(-)	COIL_3(-)	OUTPUT		20
J1_AM4	COIL_4(-)	COIL_4(-)	OUTPUT		20
J1_BH1	INJ_1(-)	INJ_1(-)	OUTPUT		20
J1_BG1	INJ_2(-)	INJ_2(-)	OUTPUT		20
J1_BF1	INJ_3(-)	INJ_3(-)	OUTPUT		20
J1_BE1	INJ_4(-)	INJ_4(-)	OUTPUT		20
J1_BD1	INJ_5(-)	INJ_5(-)	OUTPUT		20
J1_BC1	INJ_6(-)	INJ_6(-)	OUTPUT		20
J1_BB1	INJ_7(-)	INJ_7(-)	OUTPUT		20
J1_BA1	INJ_8(-)	INJ_8(-)	OUTPUT		20
J1_AB2	TPS	TPS	INPUT		20
J1_AC3	EXT MAP	EXT MAP	INPUT		20
J1_AF2	FUEL PRESSURE	FUEL PRESSURE	INPUT		20
J1_BE2	CTS	CTS	INPUT		20
J1_AK2	ATS	ATS	INPUT		20
J1_AA1	ANALOG_4		INPUT		20
J1_AA3	ANALOG_5		INPUT		20
J1_BF3	ANALOG_6		INPUT		20
PIN	DESCRIPTION	USE	TYPE	NOTES	WIRE GAUGE
J1_AA4	IAC	IAC_C	OUTPUT		20
J1_AB4	IAC	IAC_D	OUTPUT		20
J1_AD4	IAC	IAC_A	OUTPUT		20
J1_AC4	IAC	IAC_B	OUTPUT		20
J1_AL2	B+	B+	INPUT		18
J1_BB4	KEY	KEY	INPUT		20
J1_BG3	GND	GND			18
J1_BG4	GND	GND			18
J1_AM1	P_GND	P_GND			18
J1_AL4	P_GND	P_GND		IGNITION P_GND	18
J1_BH3	P_GND	P_GND			18
J1_BA2	5V_AUX	5V_AUX	OUTPUT		20
J1_AG2	WIDEBAND_1	WIDEBAND_1	OUTPUT	VS	20
J1_AE4	WIDEBAND_2	WIDEBAND_2	INPUT	R_CAL	20
J1_AF1	WIDEBAND_3	WIDEBAND_3	INPUT	H(+) CONNECT TO [87-POWER RELAY]	20
J1_AD2	WIDEBAND_4	WIDEBAND_4	OUTPUT	H(-)	20
J1_AD2	WIDEBAND_5	WIDEBAND_5	OUTPUT	VGND	20
J1_BC2	WIDEBAND_6	WIDEBAND_6	INPUT	IP	20
J1_BD3	BOOT		INPUT		