

Pin Number	Designation	Group	Input/ Output	Full Name	Activato	Goos back to OV on PDM	Function	Harness Input	
A01	OUT1	G01	Output	20 A Output 1 (with A10)	Ignition Key - Pin 2		Electric Fan	Wire direct	
A02	OUT9	G01	Output	8 A Output 9	Ignition Key - Pin 2		Motes M130, CDL-3	Wire direct	
A03	OUT2	G03	Output	20 A Output 2 (with A12)	Ignition Key - Pin 3		Starter	Wire direct	
A04	OUT10	G02	Output	8 A Output 10	Ignition Key - Pin 4		Wiper Motor and Washer Motor	Wire direct to both motors	
A05	OUT3	G01	Output	20 A Output 3 (with A14)	Ignition Key - Pin 2		Fuel Pump	Wire direct	
A06	OUT11	G04	Output	8 A Output 11	Lighting Switch - Pin 1		Low Beam Headlights	Wire direct	
A07	OUT4	G05	Output	20 A Output 4 (with A16)	Turn Signal - Pin 2		Horn	Wire direct	
A08	OUT12	G08	Output	8 A Output 12	Turn Signal - Pin 3	Be sure to ground RW to battery	High Beam Headlights	Wire direct and also to R	
A09	OUT5	G01	Output	20 A Output 5 (with A17)	Ignition Key - Pin 2		Electric Water Pump	Wire direct	
A10	OUT1	G01	Output	20 A Output 1 (with A1)	Ignition Key - Pin 2		Electric Fan	Wire direct	
A11	OUT13	G08	Output	8 A Output 13	Turn Signal - Pin 3	Be sure to ground RW to battery	High Beam Headlights	Wire direct and also to R	
A12	OUT2	G03	Output	20 A Output 2 (with A3)	Ignition Key - Pin 3		Starter	Wire direct	
A13	OUT14	G09	Output	8 A Output 14			Stop Lights	Remove GY from back of Switch. Connect output to this wire.	
A14	OUT3	G01	Output	20 A Output 3 (with A5)	Ignition Key - Pin 2		Fuel Pump	Wire direct	
A15	OUT15	G06	Output	8 A Output 15	Lighting Switch - Pin 4		Parking Lights, Side Markers, and High Beam Indicator Light	Wire directly to Front harness and y-connect to GL to Rear	
A16	OUT4	G05	Output	20 A Output 4 (with A7)	Turn Signal - Pin 2		Horn	Wire direct	
A17	OUT5	G01	Output	20 A Output 5 (with A9)	Ignition Key - Pin 2		Electric Water Pump	Wire direct	
A18 Not used	-	-	-	-	-	-	-	-	
A19	DIG2	G01	Input	Digital/Switch Input 2	Ignition Key - Pin 2	0V via WR	Run	BW -> WR (0V)	
A20 Not used	-	-	-	-	-	-	-	-	
A21	DIG4	G02	Input	Digital/Switch Input 4	Ignition Key - Pin 4	0V via WR	AOC	LB -> WR (0V)	
A22 Not used	-	-	-	-	-	-	-	-	
A23	DIG7	G06	Input	Digital/Switch Input 6	Lighting Switch - Pin 4	0V - Pin 3 - need to remove OEM pin 3 and add new pigtail	Parking Lights, Side Markers, and High Beam Indicator Light	GW	
A24 Not used	-	-	-	-	-	-	-	-	
A25 Not used	-	-	-	-	-	-	-	-	
A26	VBATT-			Battery Negative					
A27	DIG1	G04	Input	Digital/Switch Input 1	Lighting Switch - Pin 1	0V via WR	Low Beam Headlights	RY	
A28	GND 0V			0V					
A29	DIG3	G03	Input	Digital/Switch Input 3	Ignition Key - Pin 3	0V via WR	Start	BY-> BL (0V)	
A30	DIG5	G05	Input	Digital/Switch Input 5	Turn Signal - Pin 2	0V	Horn	BG	
A31	DIG6			Digital/Switch Input 7					
A32	DIG8	G08	Input	Digital/Switch Input 8	Turn Signal - Pin 3	0V	High Beam Headlights	BR	
A33	DIG9	G09	Input	Digital/Switch Input 9	Stop Lamp Switch	0V	Stop Lights	GY	
A34	DIG10			Digital/Switch Input 10					
B4 Not used	-	-	-	-	-	-	-	-	
B10 Not used	-	-	-	-	-	-	-	-	
B11	OUT7	G02	Output	20 A Output 7 (with B5)	Ignition Key - Pin 4		Heater and Radio	L	
B12 Not used	-	-	-	-	-	-	-	-	
B13	OUT8	G01	Output	20 A Output 8 (with B7)	Ignition Key - Pin 2		Backup Lamp Switch, Hazard Switch, Flasher Unit/ TS, Dash Charge and Oil Lights	G, then to the Back Up Lamp Switch and THEN to RB at dash harness	
B14 Not used	-	-	-	-	-	-	-	-	
B15	DIG13			Digital/Switch Input 13					
B16 Not used	-	-	-	-	-	-	-	-	
B17	DIG15			Digital/Switch Input 15					
B18	VBATT-			Battery Negative					
B19 Not used	-	-	-	-	-	-	-	-	
B2 Not used	-	-	-	-	-	-	-	-	
B20	DIG11			Digital/Switch Input 11					
B21	DIG12			Digital/Switch Input 12					
B22	GND 0V			0V					
B23	DIG14			Digital/Switch Input 14					
B24	DIG16			Digital/Switch Input 16					
B25	CAN Lo			CAN Low			PDM, CDL3, LTC (Wideband O2), RaceGrade R EGT-8 (EGT Temps 1-4), UTC (PDM Programmer), Keypad		
B26	CAN Hi			CAN High			PDM, CDL3, LTC (Wideband O2), RaceGrade R EGT-8 (EGT Temps 1-4), UTC (PDM Programmer), Keypad		
B3	OUT6	G07	Output	20 A Output 6 (with B9)	Logic		Hazard, Turn Signal, Cig Lighter, Clock, Door Switches/ Room Lamp	LW	
B4 Not used	-	-	-	-	-	-	-	-	
B5	OUT7	G02	Output	20 A Output 7 (with B11)	Ignition Key - Pin 4		Heater and Radio	L	
B6 Not used	-	-	-	-	-	-	-	-	
B7	OUT8	G01	Output	20 A Output 8 (with B13)	Ignition Key - Pin 2		Backup Lamp Switch, Hazard Switch, Flasher Unit/ TS, Dash Charge and Oil Lights	G, then to the Back Up Lamp Switch and THEN to RB at dash harness	
B8 Not used	-	-	-	-	-	-	-	-	
B9	OUT6	G07	Output	20 A Output 6 (with B3)	Logic		Hazard, Turn Signal, Cig Lighter, Clock, Door Switches/ Room Lamp	LW	
C1	C1		Output		Battery/Alternator		Master Power	T2 from Alternator	