



# HARNESS - CHASSIS, RZR XP 1000

WIRE COLOR LEGEND	
BG	BEIGE (TAN)
BK	BLACK
BL	LIGHT BLUE
DB	DARK BLUE
BN	BROWN
GR	GRAY
GN	LIGHT GREEN
DG	DARK GREEN
OG	ORANGE
PK	PINK
RD	RED
VT	VIOLET (PURPLE)
WH	WHITE
YL	YELLOW
CL	CLEAR

TWO WIRE COLORS ARE SHOWN WITH MAIN/TRACE COLORS. EXAMPLE: RD/YE = RED WITH YELLOW TRACE.

= ENGINE GROUND  
 = CHASSIS GROUND  
 NC = SWITCH NORMALLY CLOSED  
 NO = SWITCH NORMALLY OPEN  
 HARNESS: 2412277-02  
 SHEET NO. 2 OF 2

INDEX	CCT #	TYPE	GAUGE	COLOR	SCHEMATIC CABLE/WIRE TERMINATION TABLE			FUNCTION	
					FROM COMPONENT	FROM PORT	TO COMPONENT		
1	20LA	TXL	0.8	DG	HEADLIGHT SWITCH	3	SPLICE, LOW BEAM	2	LOW BEAM, SWITCH OUT
2	20LB	TXL	0.8	DG	RH HEADLIGHT	B	SPLICE, LOW BEAM	1	LOW BEAM, RH
3	20LC	TXL	0.8	DG	LH HEADLIGHT	C	SPLICE, LOW BEAM	1	LOW BEAM, LH
4	30A	TXL	0.8	OG	SPLICE, BRAKE	1	BRAKE PRESSURE SWITCH	B	BRAKE SWITCH, OUT
5	30B	TXL	0.8	OG	KEY SWITCH	B	SPLICE, BRAKE	1	BRAKE SWITCH, KEY START
6	30C	TXL	0.8	OG	SPLICE, BRAKE	2	RELAY/FUSE BLOCK	35	BRAKE SWITCH, LIGHT FUSE
7	40	TXL	0.8	DG/WH	KEY SWITCH	A	START SOLENOID	1	START SOLENOID CONTROL GROUND
8	50	TXL	0.8	WH	HEADLIGHT SWITCH	2	HEADLIGHT SWITCH	4	JUMPER, HEADLIGHT SWITCH
9	B2A	TXL	2.0	RD	START SOLENOID B+	1	RELAY/FUSE BLOCK	34	CHASSIS RELAY POWER IN
10	B3A	TXL	1.0	RD	RELAY/FUSE BLOCK	11	START SOLENOID B+	1	FAN B+, FUSE IN
11	B3B	TXL	1.0	OG/BK	RELAY/FUSE BLOCK	15	RELAY/FUSE BLOCK	10	FAN B+, FUSE RELAY IN
12	B4A	TXL	2.0	RD	RELAY/FUSE BLOCK	19	START SOLENOID B+	1	EFI POWER UNFUSED
13	B4B	TXL	2.0	RD	RELAY/FUSE BLOCK	23	SPLICE, B+ UNSWITCHED FUSED #1	1	UNSWITCHED FUSED B+, EFI FUSE OUT
14	B4B1	TXL	1.0	RD	RELAY/FUSE BLOCK	18	SPLICE, B+ UNSWITCHED FUSED #1	1	UNSWITCHED FUSED B+, EFI RELAY IN
15	B4B2	TXL	0.5	RD	RELAY/FUSE BLOCK	17	SPLICE, B+ UNSWITCHED FUSED #1	1	UNSWITCHED FUSED B+, EFI RELAY IN
16	B4B3	TXL	1.0	RD/WH	SPLICE, B+ UNSWITCHED FUSED #1	2	SPLICE, B+ UNSWITCHED FUSED #2	1	UNSWITCHED FUSED B+, SPLICE
17	B4B31	TXL	0.8	RD	SPEEDOMETER	4	SPLICE, B+ UNSWITCHED FUSED #2	2	UNSWITCHED FUSED B+, SPEEDOMETER
18	B4B32	TXL	1.0	RD/WH	KEY SWITCH	C	SPLICE, B+ UNSWITCHED FUSED #2	2	UNSWITCHED FUSED B+, KEY
19	B4B33	TXL	0.5	RD	DIAGNOSTIC	A	SPLICE, B+ UNSWITCHED FUSED #2	2	UNSWITCHED FUSED B+, DIAGNOSTIC
20	B5A	TXL	2.0	RD	RELAY/FUSE BLOCK	12	START SOLENOID B+	1	EPS B+, UNFUSED
21	B5B	TXL	2.0	RD	RELAY/FUSE BLOCK	16	RELAY/FUSE BLOCK	4	UNSWITCHED FUSED B+, EPS FUSE OUT
22	C01-1	TXL	0.5	BK	ECM_CODE 13	201	CRANK POSITION SENSOR (-)	2	CRANKSHAFT SENSOR (-)
23	C01-2	TXL	0.5	WH	ECM_CODE 13	213	CRANK POSITION SENSOR (+)	1	CRANKSHAFT SENSOR (+)
24	C01-3	SHLD	0.35	SHLD	SPLICE, CPS SHIELD	2	CPS SHIELD	2	CRANK POSITION SENSOR
25	C02-1	TXL	0.5	BK	ECM_CODE 13	254	IGNITION COIL	3	IGNITION DRIVER 2 (PTO)
26	C02-2	TXL	0.5	RD	IGNITION COIL	2	SPLICE, IGNITION POWER	1	EFI B+, COIL
27	C02-3	TXL	0.5	WH	ECM_CODE 13	256	IGNITION COIL	1	IGNITION DRIVER 1 (MAG)
28	C02-4	SHLD	0.35	SHLD	TRIM FLUSH IGNITION COIL	-	SPLICE, SHIELD	2	GROUND, IGNITION COIL
29	C03-1	TXL	0.5	DG/BK	ECM_CODE 4	111	PEDAL POSITION SENSOR	F	PEDAL POSITION 2
30	C03-2	TXL	0.5	VT/BK	ECM_CODE 4	103	PEDAL POSITION SENSOR	E	PPS2 SENSOR RETURN 3
31	C03-3	TXL	0.5	OG/RD	ECM_CODE 4	125	PEDAL POSITION SENSOR	D	SV PEDAL SUPPLY 2
32	C04-1	TXL	0.5	DB/WH	ECM_CODE 4	121	PEDAL POSITION SENSOR	A	PEDAL POSITION 1
33	C04-2	TXL	0.5	VT	ECM_CODE 4	106	PEDAL POSITION SENSOR	B	PPS1 SENSOR RETURN 2
34	C04-3	TXL	0.5	OG/BK	ECM_CODE 13	210	PEDAL POSITION SENSOR	1	SV PEDAL SUPPLY 1
35	C1H	TXL	0.5TP	YE	ECM_CODE 4	132	SPLICE, CAN HIGH	1	CAN HIGH, ECM
36	C1L	TXL	0.5TP	DG	ECM_CODE 4	144	SPLICE, CAN LOW	1	CAN LOW, ECM
37	C2H	TXL	0.5TP	DG	DIAGNOSTIC	H	SPLICE, CAN HIGH	2	CAN HIGH, DIAGNOSTIC
38	C2L	TXL	0.5TP	DG	DIAGNOSTIC	G	SPLICE, CAN LOW	2	CAN LOW, DIAGNOSTIC
39	C3H	TXL	0.5TP	YE	SPEEDOMETER	1	SPLICE, CAN HIGH	2	CAN HIGH, SPEEDOMETER
40	C3L	TXL	0.5TP	DG	SPEEDOMETER	2	SPLICE, CAN LOW	2	CAN LOW, SPEEDOMETER
41	C4H	TXL	0.5TP	YE	SPLICE, CAN HIGH	1	EPS SIGNAL	8	CAN HI, EPS
42	C4L	TXL	0.5TP	DG	SPLICE, CAN LOW	1	EPS SIGNAL	4	CAN LO, EPS
43	E104	TXL	0.5	VT	ECM_CODE 4	104	T-MAP	1	MAP SENSOR RETURN 4
44	E105	TXL	0.5	VT/PK	ECM_CODE 4	105	ETC THROTTLE BODY	4	TPS SENSOR RETURN 1
45	E112	TXL	0.5	VT/WH	ECM_CODE 4	112	FUEL PUMP & SENDER	1	FUEL SENSOR
46	E115	TXL	0.5	DG/YE	ECM_CODE 4	115	RELAY/FUSE BLOCK	22	EFI RELAY COIL LO
47	E120	TXL	0.5	OG	ECM_CODE 4	120	AWD SWITCH	3	AWD REQUEST INPUT
48	E123	TXL	0.5	WH	ECM_CODE 4	123	TRANSMISSION SWITCH	B	TRANSMISSION GEAR
49	E135	TXL	0.5	OG	SPLICE, BRAKE	2	ECM_CODE 4	135	BRAKE SWITCH, ECM IN
50	E137	TXL	0.5	OG/BK	ECM_CODE 4	137	ETC THROTTLE BODY	2	3.3V SUPPLY, TPS
51	E140	TXL	0.5	GT	ECM_CODE 4	140	RELAY/FUSE BLOCK	38	CHASSIS RELAY COIL LO
52	E141	TXL	0.5	OG/BK	ECM_CODE 4	141	RELAY/FUSE BLOCK	1	COOLING FAN RELAY
53	E142	TXL	0.5	DG/YE	ECM_CODE 4	142	RELAY/FUSE BLOCK	30	FUEL PUMP COIL LO
54	E203	TXL	0.5	DG	ECM_CODE 13	203	ETC THROTTLE BODY	3	THROTTLE POSITION SENSOR 1
55	E204	TXL	0.5	VT/WH	ECM_CODE 13	204	SPLICE, SENSOR GROUND	2	SENSOR GROUND, ECM
56	E204A	TXL	0.5	VT/WH	COOLANT AMP SENSOR	A	SPLICE, SENSOR GROUND	1	SENSOR GROUND, TEMP SENSOR
57	E204B	TXL	0.5	VT/WH	TRANSMISSION SWITCH	A	SPLICE, SENSOR GROUND	2	SENSOR GROUND, TRANS
58	E215	TXL	0.5	YE	ECM_CODE 13	215	COOLANT TEMP SENSOR	B	COOLANT TEMPERATURE SENSOR
59	E219	TXL	0.5	YE	ECM_CODE 13	219	T-MAP	4	MANIFOLD PRESSURE SENSOR SIGNAL
60	E220	TXL	0.5	DG/BK	ECM_CODE 13	220	ETC THROTTLE BODY	1	THROTTLE POSITION SENSOR 2
61	E223	TXL	0.5	OG	ECM_CODE 13	223	T-MAP	3	SV SENSOR SUPPLY 2, MAP
62	E227	TXL	0.5	DB	ECM_CODE 13	227	T-MAP	2	MANIFOLD AIR TEMPERATURE SENSOR
63	E232	TXL	0.5	GN/RD	ECM_CODE 13	232	VEHICLE SPEED SENSOR	C	VEHICLE SPEED SENSOR
64	E243	TXL	0.5	WH	ECM_CODE 13	243	PTO FUEL INJECTOR	1	INJECTOR DRIVER 2 (PTO)
65	E244	TXL	0.5	BK	ECM_CODE 13	244	MAG FUEL INJECTOR	1	INJECTOR DRIVER 1 (MAG)
66	E246	TXL	0.5	BN/WH	ECM_CODE 13	246	AWD COIL	B	AWD CONTROL
67	GCPS	TXL	0.5	BN	CRANK POSITION SENSOR	3	SPLICE, CPS SHIELD	1	GROUND, CRANK POSITION SENSOR
68	GF1	TXL	0.8	BN	SPLICE, FRONT GND	1	SPLICE, GROUND DASH	2	GROUND, DASH SPLICE
69	GF1A	TXL	0.5	BN	AWD SWITCH	2	SPLICE, GROUND DASH	1	GROUND, AWD SWITCH
70	GF1B	TXL	0.5	BN	HEADLIGHT SWITCH	7	SPLICE, GROUND DASH	1	GROUND, HEADLIGHT SWITCH
71	GF1C	TXL	0.5	BN	SPLICE, LED, CATHODE BLACK	2	SPLICE, GROUND DASH	1	GROUND, INTERIOR LED
72	GF1D	TXL	0.5	BN	DIAGNOSTIC	D	SPLICE, GROUND DASH	1	GROUND, DIAGNOSTIC
73	GF2	TXL	0.8	BN	SPLICE, FRONT GND	1	SPLICE, LIGHT GROUND	2	GROUND, FRONT LIGHT SPLICE
74	GF3	TXL	1.0	BN	12V RECEPTACLE LO	1	SPLICE, ACCESSORY GROUND	1	GROUND, FRONT 12V RECEPTACLE
75	GF4	TXL	1.0	BN	SPLICE, ACCESSORY GROUND	1	TERMINAL BLOCK, GND	1	GROUND, TERMINAL BLOCK
76	GF5A	TXL	0.8	BN	LH HEADLIGHT	A	SPLICE, LIGHT GROUND	1	GROUND, LH HDLT
77	GF5B	TXL	0.8	BN	RH HEADLIGHT	D	SPLICE, LIGHT GROUND	1	GROUND, RH HDLT
78	GR10	TXL	0.8	BN	FUEL PUMP & SENDER	4	GROUND, CHASSIS REAR1	1	GROUND, FUEL PUMP
79	GR11	TXL	0.5	BN	FUEL PUMP & SENDER	2	GROUND, CHASSIS REAR1	2	GROUND, FUEL LEVEL
80	GR20	TXL	0.8	BN	START SOLENOID	2	GROUND, CHASSIS REAR2	1	GROUND, START SOLENOID
81	GR21	TXL	0.5	BN	GROUND, CHASSIS REAR2	1	SPLICE, SHIELD	2	GROUND, SHIELD SPLICE
82	GR22	TXL	0.8	BN	TAIL LIGHT HARNESS	C	GROUND, CHASSIS REAR2	1	GROUND, TAILLIGHT
83	GR23	TXL	0.5	BN	GROUND, CHASSIS REAR2	1	RELAY/FUSE BLOCK	8	GROUND, EPS RELAY COIL
84	GR24	TXL	0.5	BN	VEHICLE SPEED SENSOR	B	GROUND, CHASSIS REAR2	1	GROUND, SPEED SENSOR
85	GR25	TXL	0.8	BN	SPEEDOMETER	5	GROUND, CHASSIS REAR2	1	GROUND, SPEEDOMETER
86	GR26	TXL	0.5	BN	GROUND, IGNITION COIL	P1	GROUND, CHASSIS REAR2	1	GROUND, IGNITION COIL BODY
87	GR31	TXL	0.8	BN	SPLICE, FRONT GND	2	GROUND, CHASSIS REAR3	1	GROUND, FRONT
88	GR32	TXL	1.0	BN	FAN	A	GROUND, CHASSIS REAR3	1	GROUND, FRONT FAN
89	GR33	TXL	1.0	BN	SPLICE, ACCESSORY GROUND	2	GROUND, CHASSIS REAR3	1	GROUND, ACCESSORY
90	GR34	TXL	2.0	BN	EPS POWER	B	GROUND, CHASSIS REAR3	1	GROUND, EPS POWER
91	GRE153	TXL	0.8	BN	ECM_CODE 4	153	GROUND, CHASSIS REAR1	1	GROUND, ECM
92	GRE154	TXL	0.8	BN	ECM_CODE 4	154	GROUND, CHASSIS REAR1	1	GROUND, ECM
93	GRE241	TXL	0.5	BN	ECM_CODE 13	241	GROUND, CHASSIS REAR1	1	GROUND, ECM
94	GRE250	TXL	0.8	BN	ECM_CODE 13	250	GROUND, CHASSIS REAR1	1	GROUND, ECM
95	K01	TXL	1.0	OG	KEY SWITCH	D	SPLICE, R/S B+1	2	KEY SWITCH B+, KEY OUT
96	K02	TXL	0.5	OG	SPLICE, R/S B+1	1	SPLICE, R/S B+2	1	KEY SWITCH B+, SPLICE
97	K02A	TXL	0.5	OG	RELAY/FUSE BLOCK	A	SPLICE, R/S B+2	1	KEY SWITCH B+, VSS
98	K02B	TXL	0.5	OG	RELAY/FUSE BLOCK	3	SPLICE, R/S B+2	2	KEY SWITCH B+, EPS REL COIL POWER
99	K02C	TXL	0.8	OG	RELAY/FUSE BLOCK	27	SPLICE, R/S B+2	1	FUEL PUMP UNFUSED
100	K02C1	TXL	0.8	OG	RELAY/FUSE BLOCK	31	RELAY/FUSE BLOCK	26	FUEL PUMP POWER FUSED
101	K02C2	TXL	0.8	RD/BU	RELAY/FUSE BLOCK	29	FUEL PUMP & SENDER	3	FUEL PUMP RELAY OUT
102	K03	TXL	0.5	OG	SPEEDOMETER	3	SPLICE, R/S B+1	2	KEY SWITCH B+, SPEEDOMETER
103	K04	TXL	0.5	OG	DIAGNOSTIC	B	SPLICE, R/S B+1	2	KEY SWITCH B+, DIAGNOSTIC
104	K05	TXL	0.5	OG	EPS SIGNAL	3	SPLICE, R/S B+1	2	KEY SWITCH B+, EPS
105	K06	TXL	0.5	OG	AWD SWITCH	7	SPLICE, R/S B+1	1	AWD SWITCH LIGHT
106	K116	TXL	0.5	OG	SPLICE, R/S B+2	2	ECM_CODE 4	116	KEY SWITCH B+, ECM
107	M1-251	TXL	0.8	GN/BK	ECM_CODE 13	251	ETC THROTTLE BODY	6	ETC MOTOR (+)
108	M2-252	TXL	0.8	BK/GN	ECM_CODE 13	252	ETC THROTTLE BODY	5	ETC MOTOR (-)
109	RC1	TXL	2.0	RD	RELAY/FUSE BLOCK	37	SPLICE, CHASSIS	1	CHASSIS RELAY OUT
110	RC2	TXL	1.0	OG/WH	RELAY/FUSE BLOCK	36	SPLICE, CHASSIS	1	CHASSIS RELAY, ACC INPUT
111	RC2A	TXL	1.0	OG/WH	RELAY/FUSE BLOCK	40	SPLICE, B+ ACC FUSE OUT	1	B+ ACCESSORY FUSE OUT
112	RC2B	TXL	1.0	OG/WH	12V RECEPTACLE HI	1	SPLICE, B+ ACC FUSE OUT	2	B+ ACCESSORY FUSE OUT
113	RC2D	TXL	1.0	OG/WH	TERMINAL BLOCK ACC	1	SPLICE, B+ ACC FUSE OUT	2	B+ ACCESSORY FUSE OUT
114	RC3	TXL	1.0	OG/WH	RELAY/FUSE BLOCK, CHASSIS	2	RELAY/FUSE BLOCK	20	CHASSIS RELAY OUT, LIGHTS INPUT
115	RC4	TXL	0.8	RD/DG	RELAY/FUSE BLOCK	28	SPLICE, CHASSIS	2	SPLICE, CHASSIS
116	RC4F	TXL	0.8	RD/DG	RELAY/FUSE BLOCK	32	SPLICE, DRIVE	2	SWITCHED B+, DRIVE FUSE OUT
117	RC4F1	TXL	0.5	RD/DG	AWD COIL	C	SPLICE, DRIVE	1	SWITCHED B+, AWD COIL
118	RC4F2	TXL	0.5	RD/DG	SPLICE, LED, ANODE GREY	2	SPLICE, DRIVE	1	SWITCHED B+, INTERIOR LED
119	RC6	TXL	1.0	RD/YE	RELAY/FUSE BLOCK	24	SPLICE, LIGHTS B+	1	LIGHTS B+, LIGHTS FUSE OUT
120	RC6A	TXL	0.8	RD/YE	SPLICE, LIGHTS B+	5	SPLICE, LIGHTS B+	1	TAIL LIGHT HARNESS
121	RC6B	TXL	0.8	RD/YE	HEADLIGHT SWITCH	5	SPLICE, LIGHTS B+	2	LIGHTS, HDLT SWITCH IN
122	RC6B1	TXL	0.5	RD/YE	HEADLIGHT SWITCH	5	HEADLIGHT SWITCH	8	JUMPER
123	RD4	TXL	0.8	OG	RELAY/FUSE BLOCK	39	TAIL LIGHT HARNESS	B	BRAKE B+ FUSED
124	RE140	TXL	0.5	RD/DB	RELAY/FUSE BLOCK	33	SPLICE, EFI B+	2	EFI B+, CHASSIS RELAY COIL
125	RE155	TXL	0.8	RD/DB	SPLICE, EFI B+	2	ECM_CODE 4	155	EFI B+, ECM1
126	RE156	TXL	0.8	RD/DB	ECM_CODE 4	156	SPLICE, EFI B+	2	EFI B+, ECM2
127	REA	TXL	1.0	RD/DB	RELAY/FUSE BLOCK	21	SPLICE, EFI B+	1	EFI B+, EFI RELAY OUT
128	REB	TXL	0.5	RD/DB	PTO FUEL INJECTOR	2	SPLICE, EFI B+	2	EFI B+, PTO INJECTOR
129	REC	TXL	0.5	RD/DB	MAG FUEL INJECTOR	2	SPLICE, EFI B+	2	EFI B+, MAG INJECTOR
130	RED	TXL	0.8	RD/DB	BRAKE PRESSURE SWITCH	A	SPLICE, EFI B+	1	EFI B+, BRAKE SWITCH
131	REF	TXL	0.8	RD/DB	SPLICE, IGNITION POWER	2	SPLICE, EFI B+	2	EFI B+, IGNITION COIL
132	REH	TXL	0.5	RD/DB	SPLICE, EFI B+	1	RELAY/FUSE BLOCK	9	EFI B+, FAN COIL HI
133	REI	TXL	0.5	RD/DB	RELAY/FUSE BLOCK	25	SPLICE, EFI B+	1	EFI B+, FUEL PUMP COIL HI
134	RF1	TXL	1.0	OG/BK	RELAY/FUSE BLOCK	13	FAN	B	FAN B+ RELAY OUT