

2014 ATV WIRING DIAGRAMS

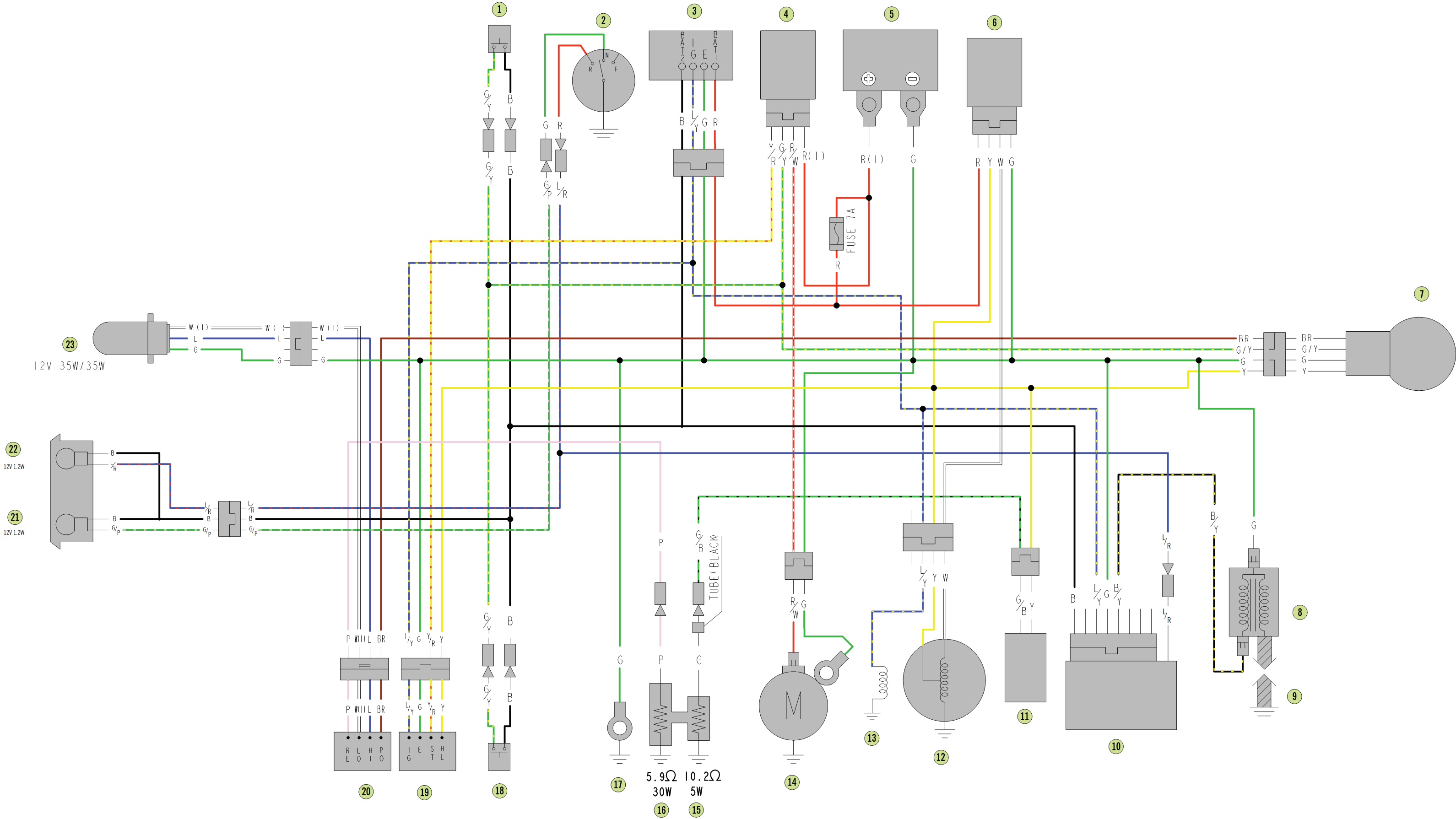
The wiring diagrams are located in this chart in the following sequence:

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2	90 Utility	12	700 Diesel
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7	400 TRV	17	Prowler HDX 500 Limited
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9	XC 450	19	Prowler XTZ
10	500/XT/500 TRV	20	Wildcat/LTD/Wildcat X/ Wildcat 4/LTD/Wildcat 4 X
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Harness
(p/n 3306-119)
DVX 90

- 1 SWITCH, FRONT BRAKE
- 2 SWITCH, GEAR SHIFT POSITION
- 3 SWITCH, IGNITION
- 4 RELAY, STARTER
- 5 REGULATOR/RECTIFIER
- 6 BATTERY, 12V
- 7 TAILLIGHT/BRAKE LIGHT
- 8 COIL, IGNITION
- 9 SPARK PLUG
- 10 CDI
- 11 RELAY, LIGHTING
- 12 MAGNETO
- 13 SENSOR, CRANKSHAFT POSITION
- 14 MOTOR, STARTER
- 15 RESISTOR, #1
- 16 RESISTOR, #2
- 17 CONNECTOR, GROUND
- 18 SWITCH, REAR BRAKE
- 19 SWITCH, EMERGENCY STOP/START
- 20 SWITCH, HEADLIGHT/DIMMER
- 21 LIGHT, NEUTRAL INDICATOR
- 22 LIGHT, REVERSE GEAR INDICATOR
- 23 HEADLIGHT



IGNITION SWITCH				
	BAT1	IG	E	BAT2
LOCK		○	○	
OFF		○	○	
ON	○			○
COLOR	R	L/Y	G	B

HEADLIGHT/DIMMER SW					
	HL	RE	LO	HI	PO
☹	○	—	○	—	○
☹	○	—	○	—	○
COLOR	Y	P	W	L	BR

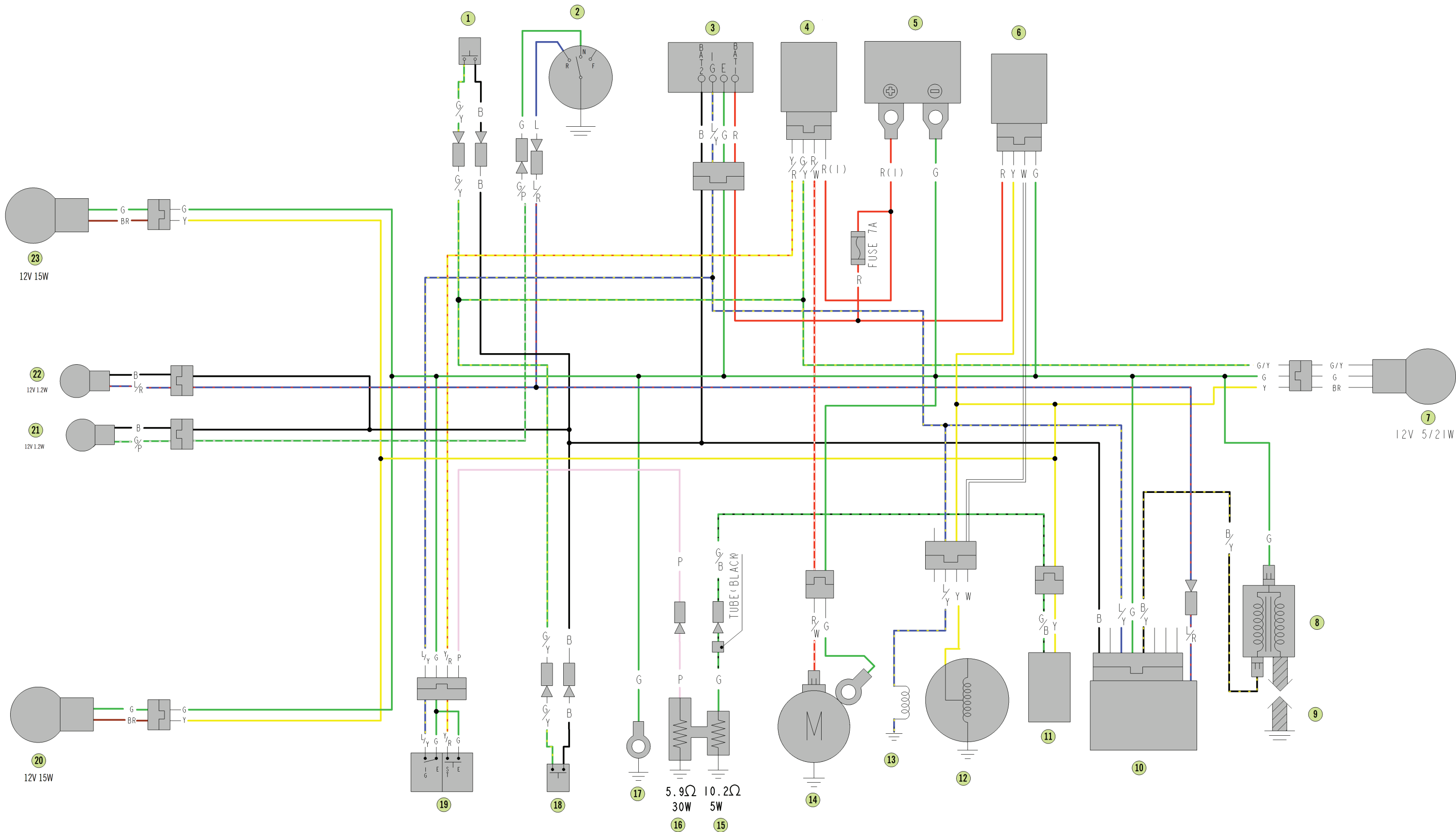
E-STOP SW		
	E	IG
OFF	○	○
RUN		
COLOR	G	L/Y

START BUTTON		
	ST	E
FREE		
PUSH	○	○
COLOR	Y/R	G

B	BLACK	P	PINK
G	GREEN	BR	BROWN
O	ORANGE	GR	GRAY
L	BLUE	SB	SKY BLUE
W	WHITE	LG	LIGHT GREEN
Y	YELLOW		
R	RED		

Harness
(p/n 3305-860)
90 Utility

- 1 SWITCH, FRONT BRAKE
- 2 SWITCH, GEAR SHIFT POSITION
- 3 SWITCH, IGNITION
- 4 RELAY, STARTER
- 5 BATTERY, 12V
- 6 REGULATOR/RECTIFIER
- 7 TAILLIGHT/BRAKE LIGHT
- 8 COIL, IGNITION
- 9 SPARK PLUG
- 10 CDI
- 11 RELAY, LIGHTING
- 12 MAGNETO
- 13 SENSOR, CRANKSHAFT POSITION
- 14 MOTOR, STARTER
- 15 RESISTOR, # 1
- 16 RESISTOR, # 2
- 17 CONNECTOR, GROUND
- 18 SWITCH, REAR BRAKE
- 19 SWITCH, EMERGENCY STOP/START
- 20 HEADLIGHT
- 21 LIGHT, NEUTRAL INDICATOR
- 22 LIGHT, REVERSE GEAR INDICATOR
- 23 HEADLIGHT



IGNITION SWITCH				
	BAT1	IG	E	BAT2
LOCK		○	○	
OFF		○	○	
ON	○			○
COLOR	R	L/Y	G	B

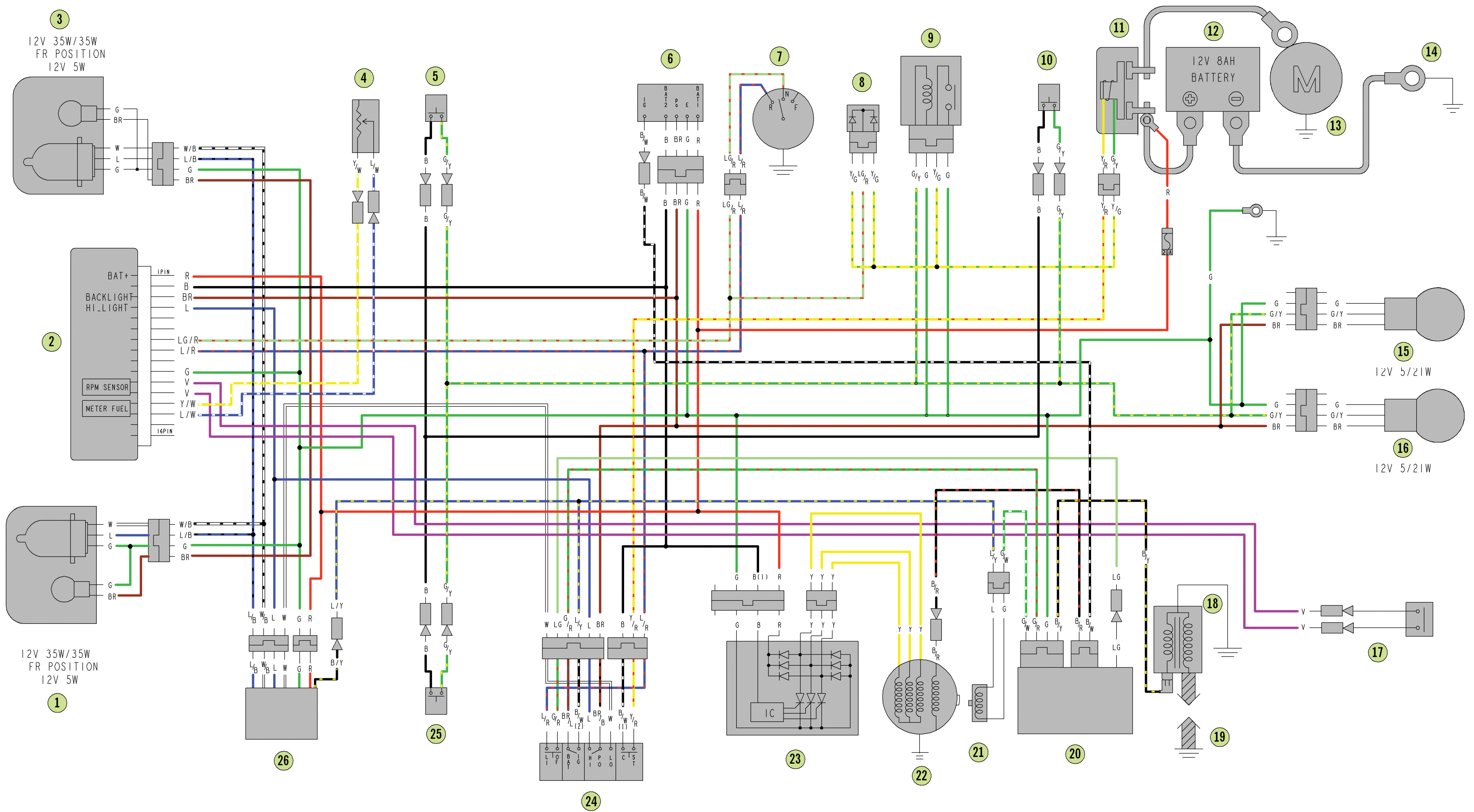
E-STOP SW		
	E	IG
OFF	○	○
RUN		
COLOR	G	L/Y

START BUTTON		
	ST	E
FREE		
PUSH	○	○
COLOR	Y/R	G

B	BLACK	P	PINK
G	GREEN	BR	BROWN
O	ORANGE	GR	GRAY
L	BLUE	SB	SKY BLUE
W	WHITE	LG	LIGHT GREEN
Y	YELLOW		
R	RED		

Harness
(p/n 3305-748)
150

- 1 HEADLIGHT/RUNNING LIGHT
- 2 LIGHTS, INDICATOR
- 3 HEADLIGHT/RUNNING LIGHT
- 4 SENSOR, FUEL LEVEL
- 5 SWITCH, FRONT BRAKE
- 6 SWITCH, KEY
- 7 SWITCH, GEAR SHIFT POSITION
- 8 DIODE, CLUTCH
- 9 RELAY, START-IN-GEAR
- 10 SWITCH, REAR BRAKE
- 11 SOLENOID, STARTER
- 12 BATTERY, 12V
- 13 MOTOR, STARTER
- 14 GROUND, ENGINE/BATTERY
- 15 LIGHT, TAIL/BRAKE
- 16 LIGHT, TAIL/BRAKE
- 17 SENSOR, SPEEDOMETER
- 18 COIL, IGNITION
- 19 SPARK PLUG
- 20 CDI
- 21 SENSOR, CRANKSHAFT POSITION
- 22 MAGNETO
- 23 REGULATOR/RECTIFIER
- 24 SWITCH, EMERGENCY STOP/START
- 25 SWITCH, REAR BRAKE
- 26 SWITCH, HEADLIGHT



E-STOP SW	
	BAT IG
COLOR	BR/L B/W (2)

START SW	
	ST C
FREE	
PUSH	
COLOR	Y/R B/W (1)

LIGHT/DIMMER SW	
	LO HI PO
COLOR	W L BR

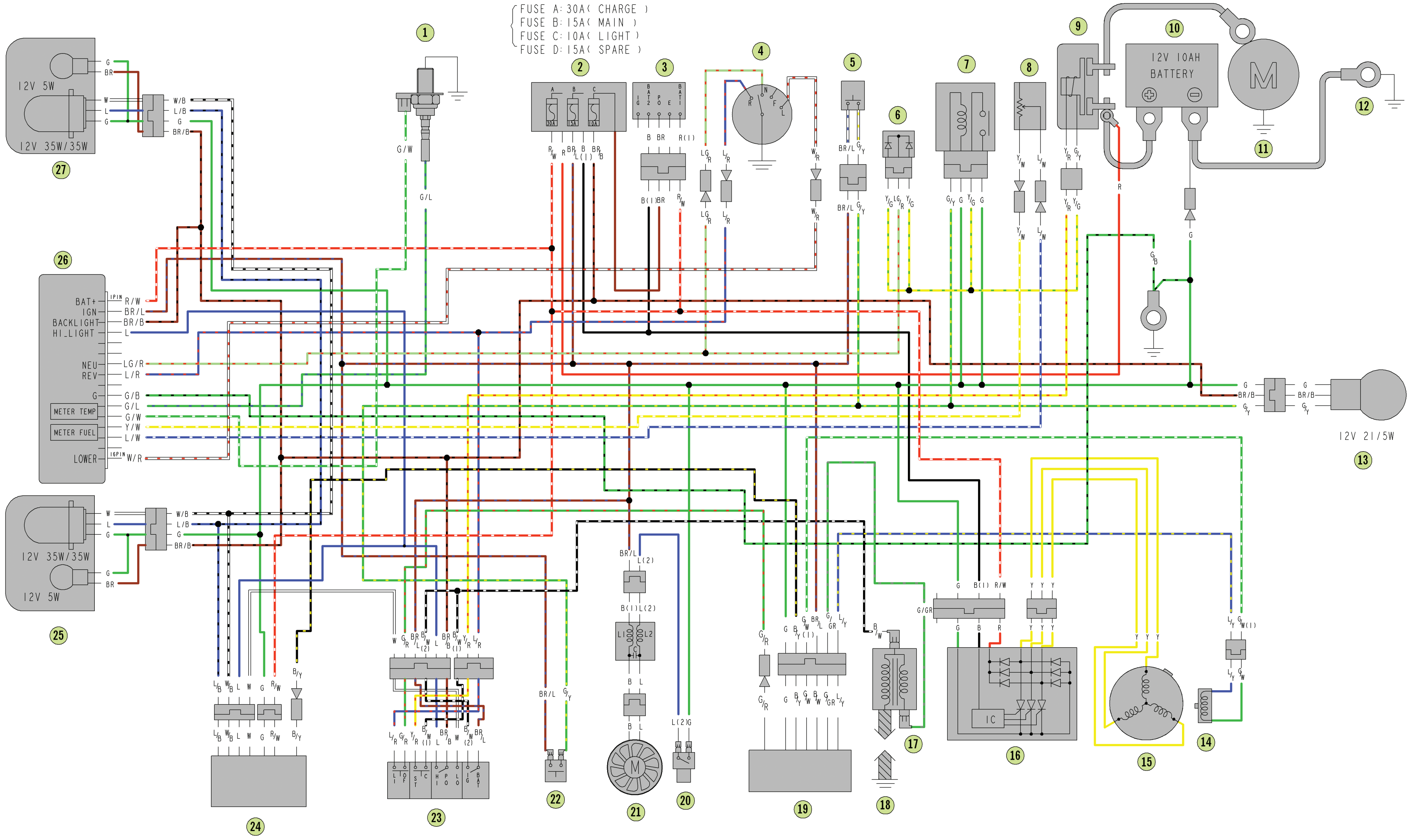
OVER RIDE SW	
	LI OF
FREE	
PUSH	
COLOR	L/R G/R

KEY SW	
	IG E BAT1 BAT2 PO
OFF	
ON	
PO	
COLOR	B/W G R B BR

B	BLACK	BR	BROWN
G	GREEN	GR	GRAY
O	ORANGE	SB	SKY BLUE
L	BLUE	LG	LIGHT GREEN
W	WHITE	V	VIOLET
Y	YELLOW		
R	RED		

Harness
(p/n 3303-838)
300 Utility

- 1 SENSOR, COOLANT TEMPERATURE
- 2 FUSE BLOCK
- 3 SWITCH, KEY
- 4 SWITCH, GEAR SHIFT POSITION
- 5 SWITCH, HAND BRAKE
- 6 DIODE, CLUTCH
- 7 RELAY
- 8 SENSOR, FUEL LEVEL
- 9 SOLENOID, STARTER
- 10 BATTERY, 12V
- 11 MOTOR, STARTER
- 12 GROUND, ENGINE/BATTERY
- 13 LIGHT, TAIL/BRAKE
- 14 SENSOR, CRANKSHAFT POSITION
- 15 MAGNETO
- 16 REGULATOR/RECTIFIER
- 17 COIL, IGNITION
- 18 SPARK PLUG
- 19 CDI
- 20 SWITCH, COOLANT TEMPERATURE
- 21 MOTOR, FAN
- 22 SWITCH, FOOT BRAKE
- 23 SWITCH, EMERGENCY STOP/START
- 24 SWITCH, HEADLIGHT
- 25 HEADLIGHT/RUNNING LIGHT
- 26 LIGHTS, INDICATOR
- 27 HEADLIGHT/RUNNING LIGHT



OVER RIDE SW

	LI	OF
FREE	○	○
PUSH		
COLOR	L/R	G/R

START BUTTOM

	ST	C
FREE		
PUSH	○	○
COLOR	Y/R	B/W (1)

DIMMER SW

	PO	LO	HI
☐	○		
☐	○	○	
☐	○		○
COLOR	BR/B	W	L

E-STOP SW

	BAT	IG
☐	○	○
☐		
COLOR	BR/L	B/W (2)

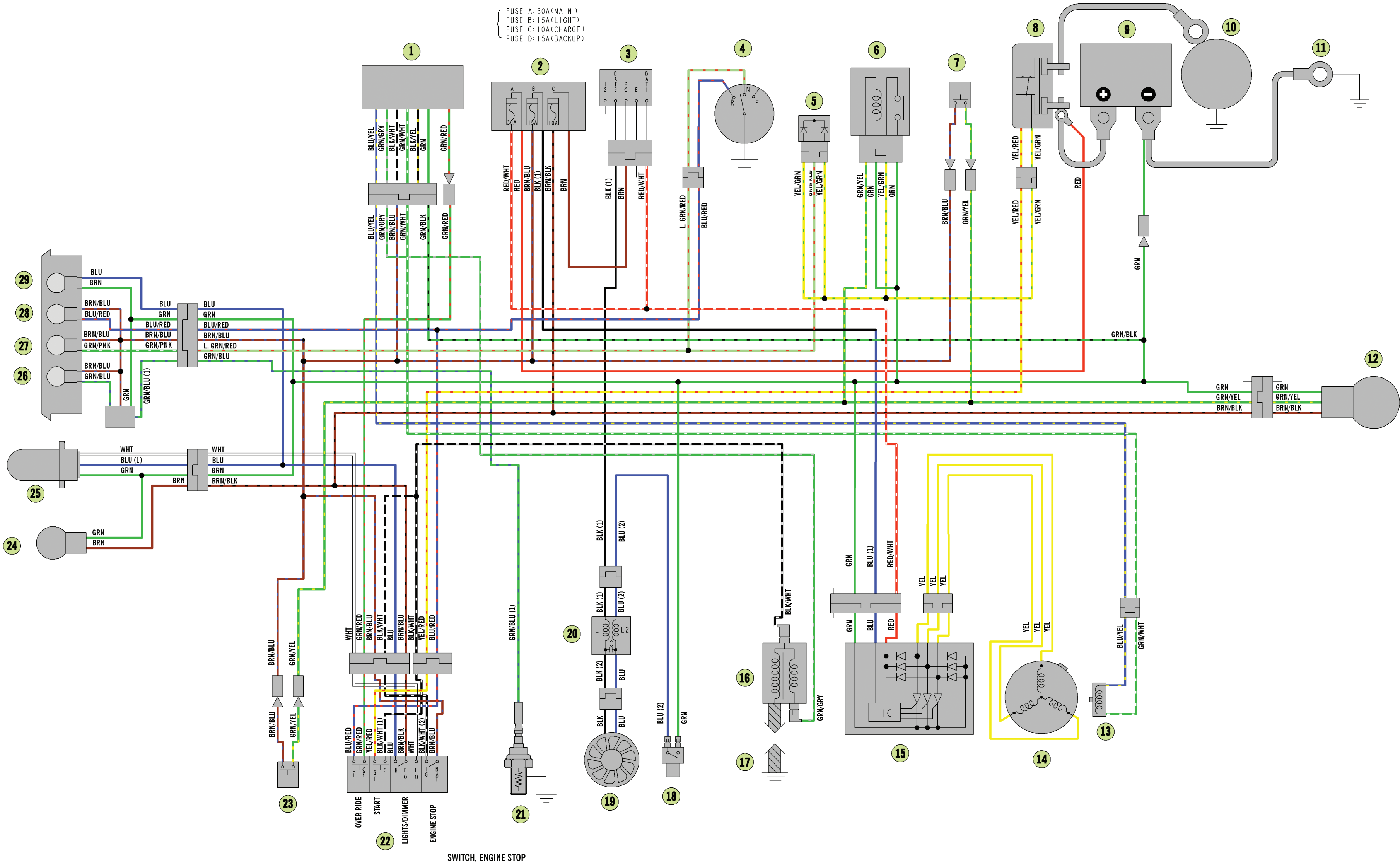
COMB SW

	IG	E	BAT1	BAT2	PO
OFF	○	○			
ON			○	○	
PO					○
COLOR	B/W	G	R	B	BR

B	BLACK	BR	BROWN
G	GREEN	GR	GRAY
O	ORANGE	SB	SKY BLUE
L	BLUE	LG	LIGHT GREEN
W	WHITE		
Y	YELLOW		
R	RED		

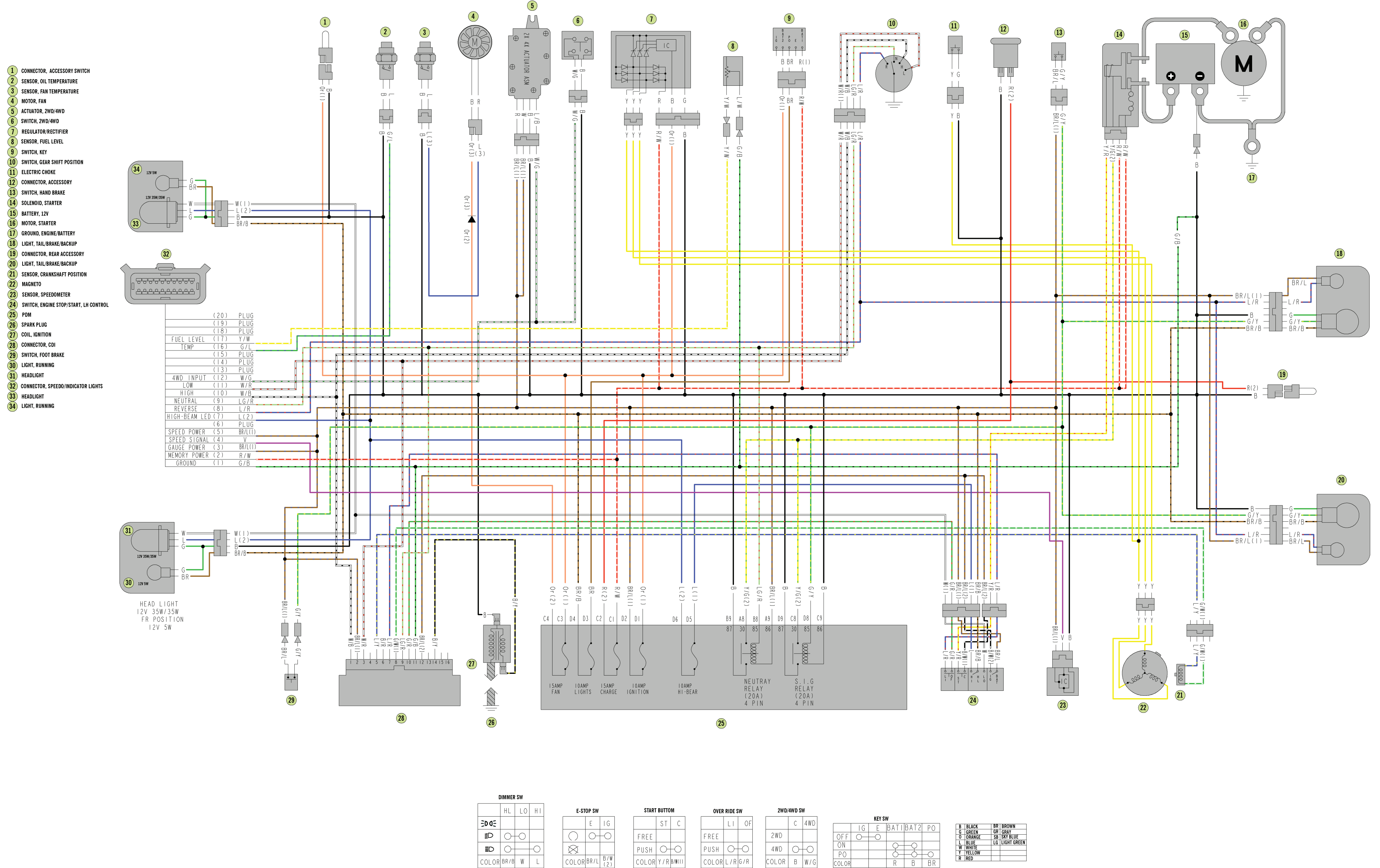
Main Harness
(p/n 3304-276)
DVX 300

- 1 IGNITION UNIT
- 2 FUSE BOX
- 3 SWITCH, IGNITION
- 4 SWITCH, GEAR SHIFT POSITION
- 5 DIODE, NEUTRAL
- 6 RELAY, START-IN-GEAR
- 7 SWITCH, BRAKE
- 8 SOLENOID, STARTER
- 9 BATTERY, 12V
- 10 MOTOR, START
- 11 GROUND
- 12 LIGHT, TAIL/BRAKE
- 13 SENSOR, CRANKSHAFT POSITION
- 14 MAGNETO
- 15 REGULATOR/RECTIFIER
- 16 COIL, IGNITION
- 17 SPARK PLUG
- 18 SWITCH, COOLANT TEMPERATURE
- 19 MOTOR, FAN
- 20 FILTER, EMI
- 21 SENSOR, AIR TEMPERATURE
- 22 CONTROLS, HAND
- 23 SWITCH, BRAKE
- 24 LIGHT, RUNNING
- 25 HEADLIGHT
- 26 LIGHT, TEMPERATURE INDICATOR
- 27 LIGHT, NEUTRAL INDICATOR
- 28 LIGHT, REVERSE GEAR INDICATOR
- 29 LIGHT, HIGH BEAM INDICATOR



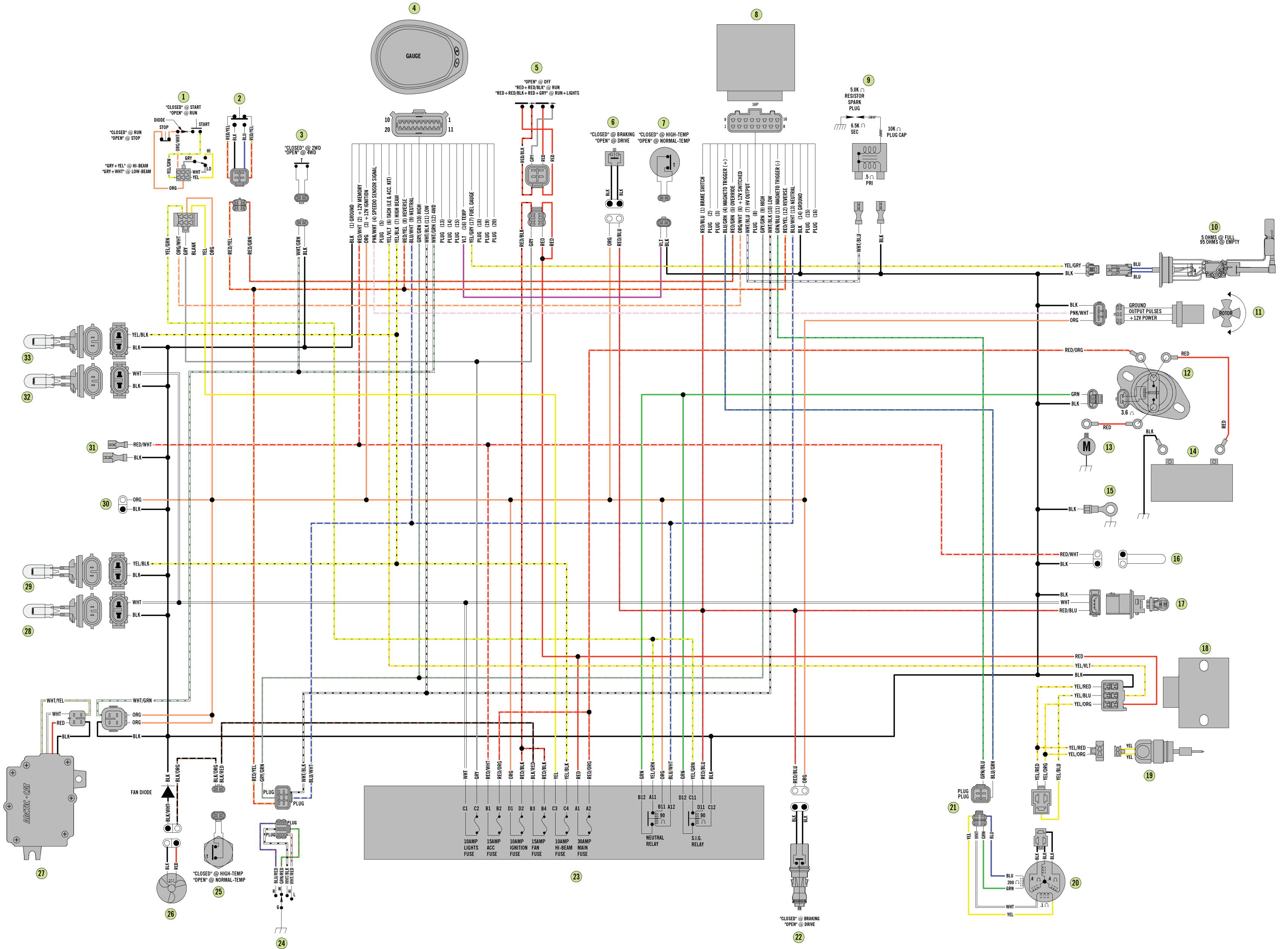
OVER RIDE SW			START SW			LIGHTS/DIMMER SW				EMERGENCY STOP SW		IGNITION SW							
	L1	OF		ST	C		PO	LO	HI		BAT	IG		IG	E	BAT1	BAT2	PO	
FREE			FREE																
PUSH			PUSH																
COLOR	BLU/RED	GRN/RED	COLOR	YEL/RED	BLK/WHT (1)	COLOR	BRN/BLK	WHT	BLU	COLOR	BRN/BLU	BLK/WHT (2)		COLOR	BLK/WHT	GRN	RED	BLK	BRN

Main Harness (p/n 0486-469) 400 CR

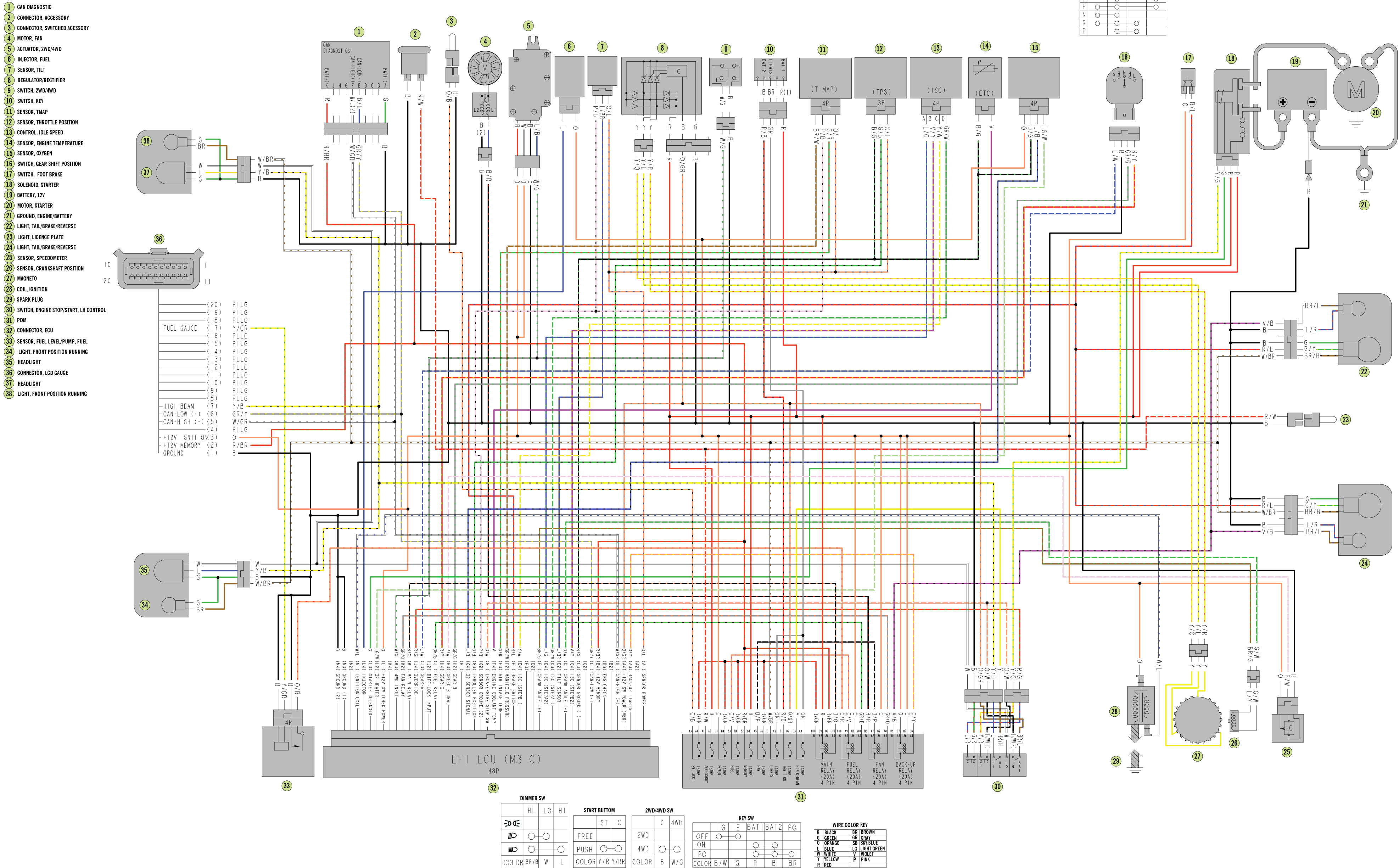


Main Harness
(p/n 0486-464)
400 TRV

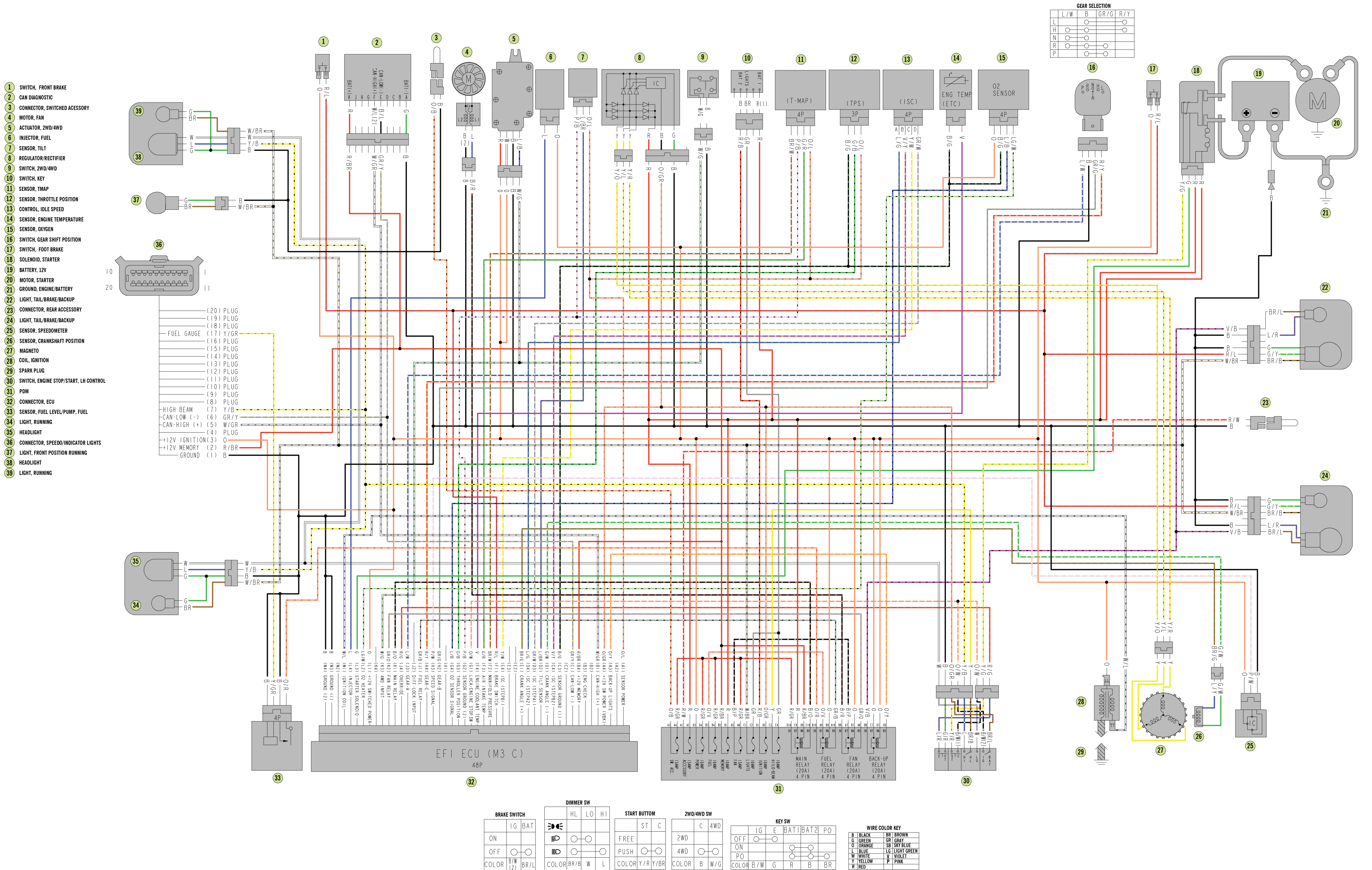
- 1 SWITCH, ENGINE STOP
- 2 SWITCH, REVERSE OVERRIDE
- 3 SWITCH, 2WD/4WD/DIFFERENTIAL LOCK
- 4 GAUGE, LCD
- 5 SWITCH, KEY
- 6 SWITCH, HAND BRAKE
- 7 LIGHT, TEMPERATURE SWITCH
- 8 CDI
- 9 COIL, IGNITION
- 10 SENSOR, FUEL LEVEL
- 11 SENSOR, SPEEDOMETER
- 12 SOLENOID, STARTER
- 13 MOTOR, STARTER
- 14 BATTERY, 12V
- 15 CONNECTOR, ENGINE/BATTERY GROUND
- 16 CONNECTOR, REAR ACCESSORY
- 17 TAILLIGHT
- 18 REGULATOR/RECTIFIER
- 19 CHOKE, ELECTRIC
- 20 MAGNETO
- 21 SENSOR, CRANKSHAFT POSITION
- 22 SWITCH, FOOT BRAKE
- 23 PDM
- 24 SWITCH, GEAR POSITION
- 25 SWITCH, FAN
- 26 MOTOR, FAN
- 27 ACTUATOR, 2WD/4WD
- 28 HEADLIGHT, LOW BEAM LH
- 29 HEADLIGHT, HIGH BEAM LH
- 30 CONNECTOR, SWITCHED ACCESSORY
- 31 CONNECTORS, FRONT ACCESSORY
- 32 HEADLIGHT, LOW BEAM RH
- 33 HEADLIGHT, HIGH BEAM RH



Main Harness
(p/n 0486-472)
450 CR

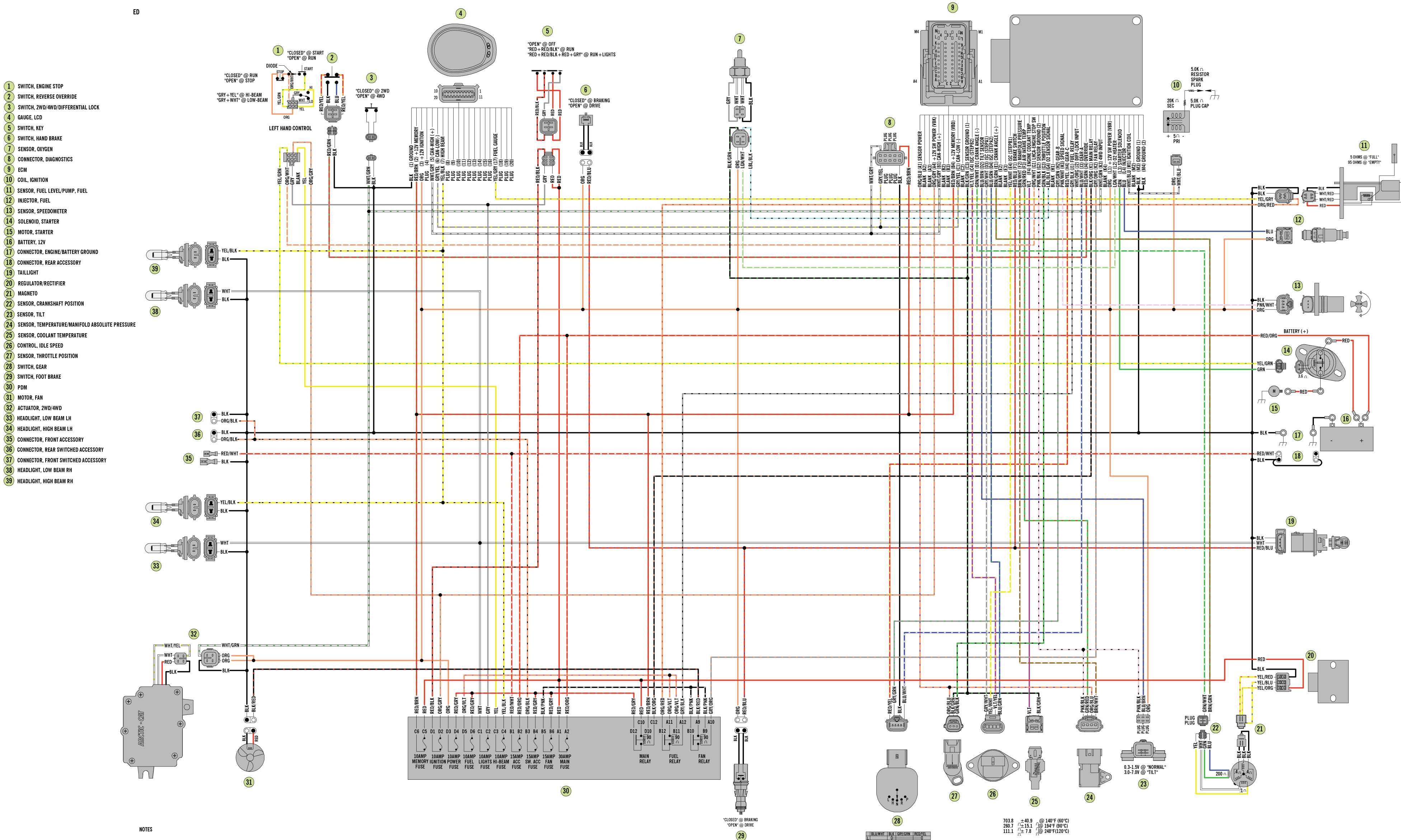


Main Harness
(p/n 3306-879)
XC 450

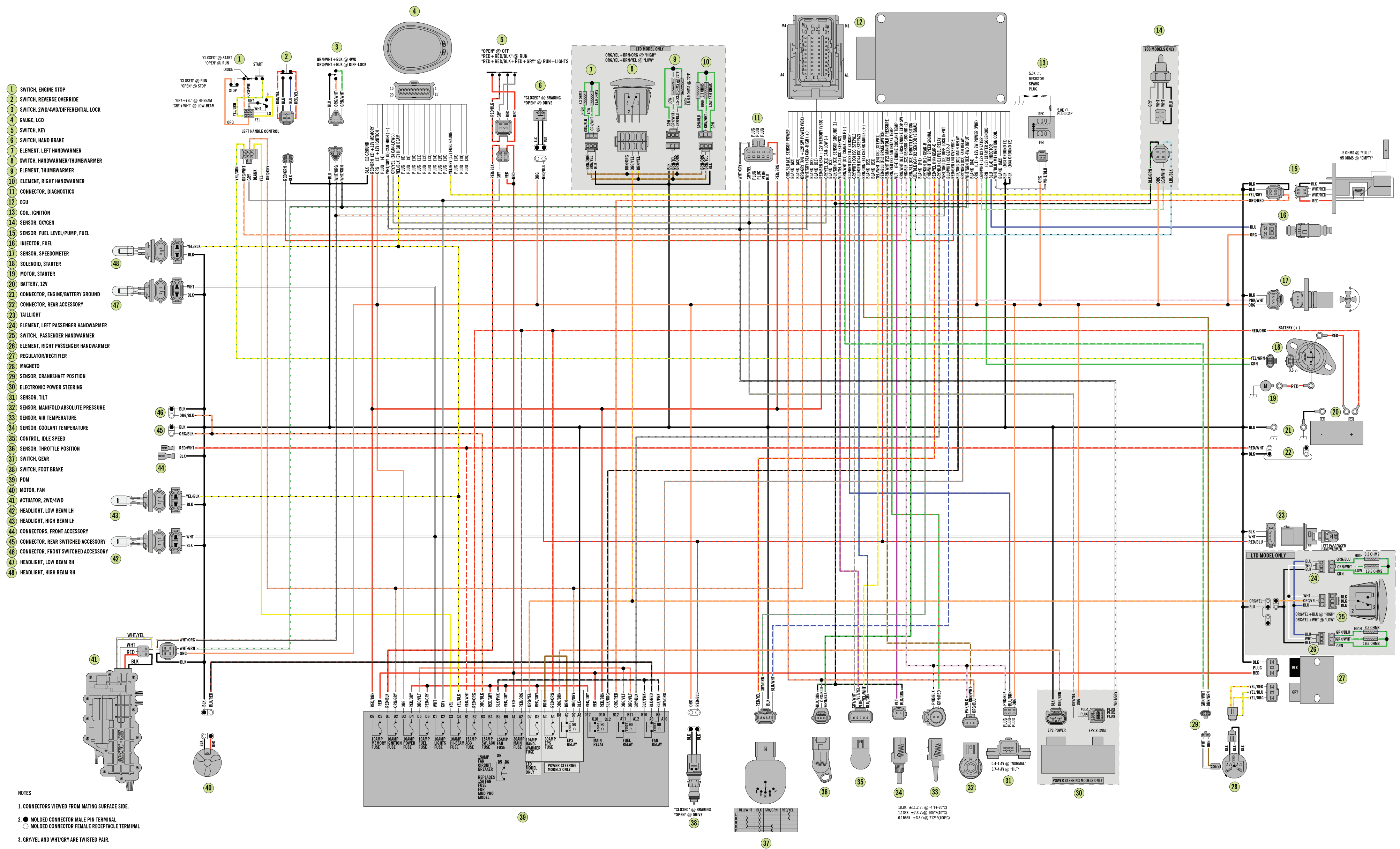


Main Harness
(p/n 0486-479)
500/XT
(p/n 0486-514)
500 TRV

ED



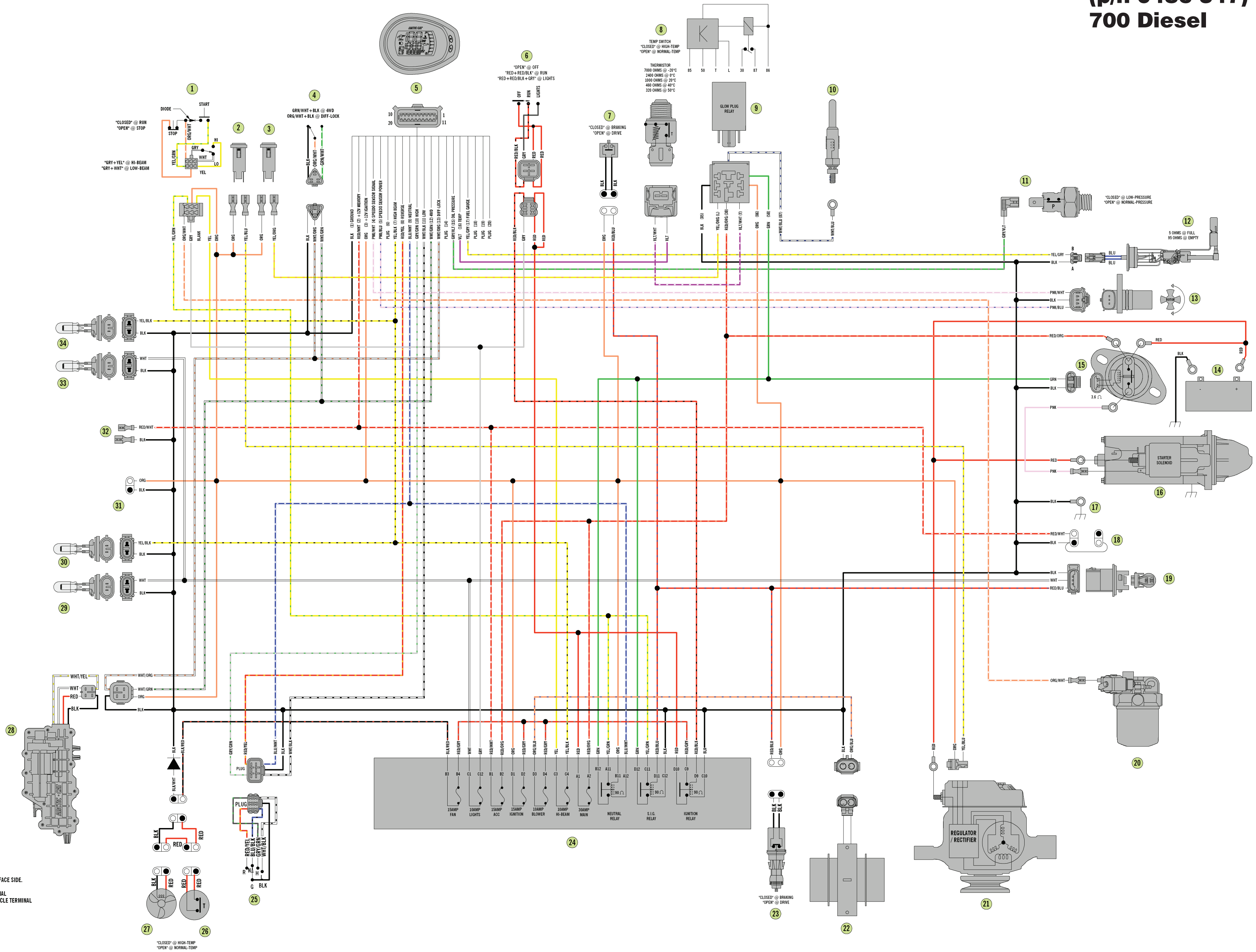
Harness
(p/n 0486-501) 550/XT
(p/n 0486-502) 550 LTD
(p/n 0486-503) 550 TRV XT
(p/n 0486-504) 550 TRV LTD
(p/n 0486-483) 700
(p/n 0486-484) 700 LTD/XT
(p/n 0486-510) 700 TRV LTD
(p/n 0486-486) 700 Mud Pro
(p/n 0486-481) 700 TRV XT



NOTES
1. CONNECTORS VIEWED FROM MATING SURFACE SIDE.
2. ● MOLDED CONNECTOR MALE PIN TERMINAL
○ MOLDED CONNECTOR FEMALE RECEPTACLE TERMINAL
3. GRV/YEL AND WHT/GRV ARE TWISTED PAIR.

Harness
(p/n 0486-347)
700 Diesel

- 1 SWITCH, EMERGENCY STOP
- 2 LIGHT, BATTERY INDICATOR
- 3 LIGHT, GLOW PLUG INDICATOR
- 4 SWITCH, 2WD/4WD/DIFFERENTIAL LOCK
- 5 GAUGE, LCD
- 6 SWITCH, KEY
- 7 SWITCH, HAND BRAKE
- 8 SENSOR, COOLANT TEMPERATURE
- 9 RELAY, GLOW PLUG
- 10 GLOW PLUG
- 11 SWITCH, OIL PRESSURE
- 12 SENSOR, FUEL LEVEL
- 13 SENSOR, SPEEDO
- 14 BATTERY
- 15 SOLENOID, STARTER
- 16 MOTOR, STARTER
- 17 CONNECTOR, ENGINE/BATTERY GROUND
- 18 CONNECTOR, REAR ACCESSORY
- 19 TAILLIGHT
- 20 SOLENOID, FUEL
- 21 ALTERNATOR
- 22 MOTOR, BELT BLOWER
- 23 SWITCH, BRAKE FOOT
- 24 PDM
- 25 SWITCH, GEAR
- 26 SWITCH, FAN TEMPERATURE
- 27 MOTOR, COOLANT FAN
- 28 ACTUATOR, 2WD/4WD
- 29 HEADLIGHT, LOW-BEAM LH
- 30 HEADLIGHT, HIGH-BEAM LH
- 31 CONNECTORS, ACCESSORY SWITCHED
- 32 CONNECTORS, ACCESSORY
- 33 HEADLIGHT, LOW-BEAM RH
- 34 HEADLIGHT, HIGH-BEAM RH

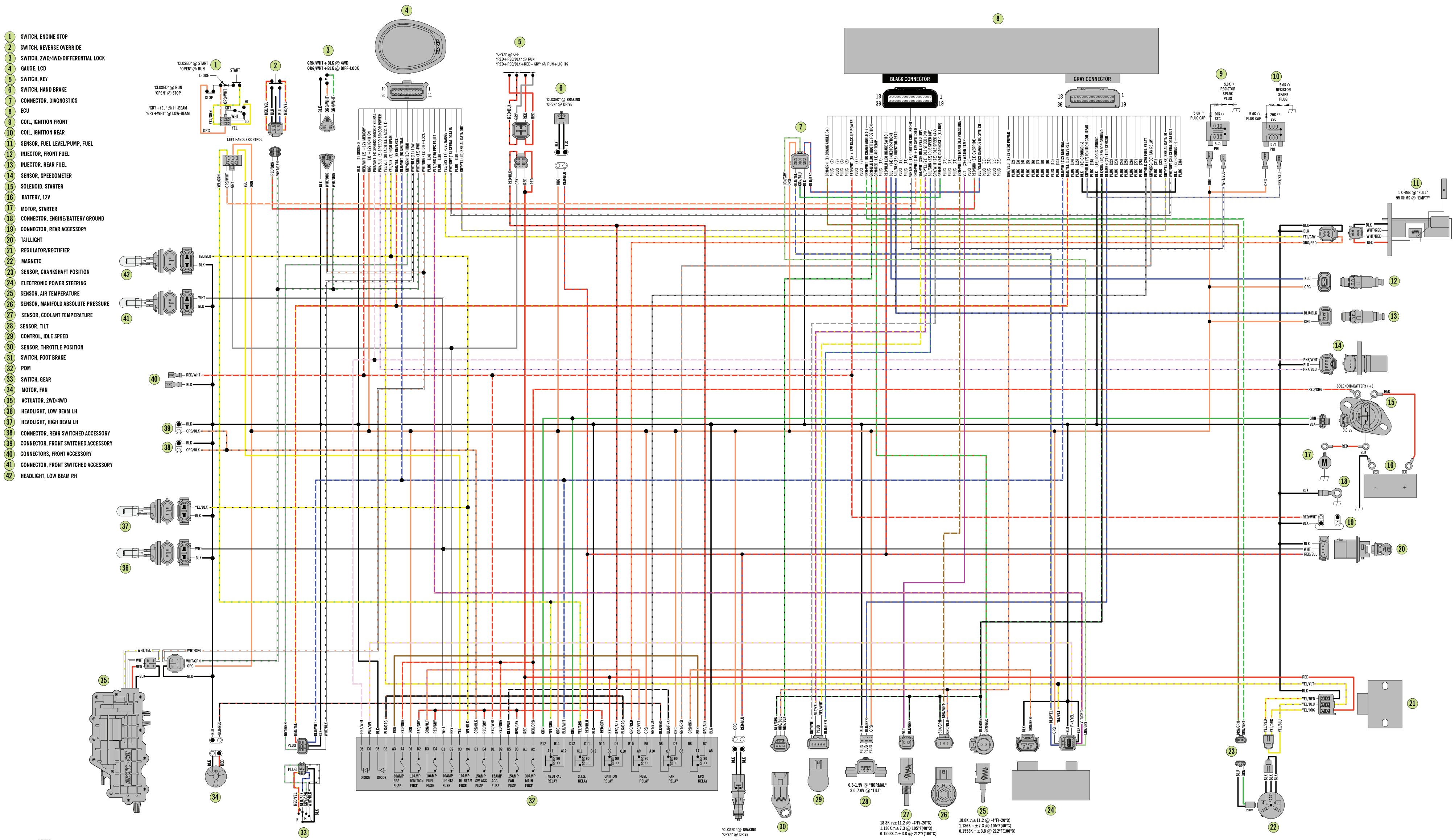


NOTES

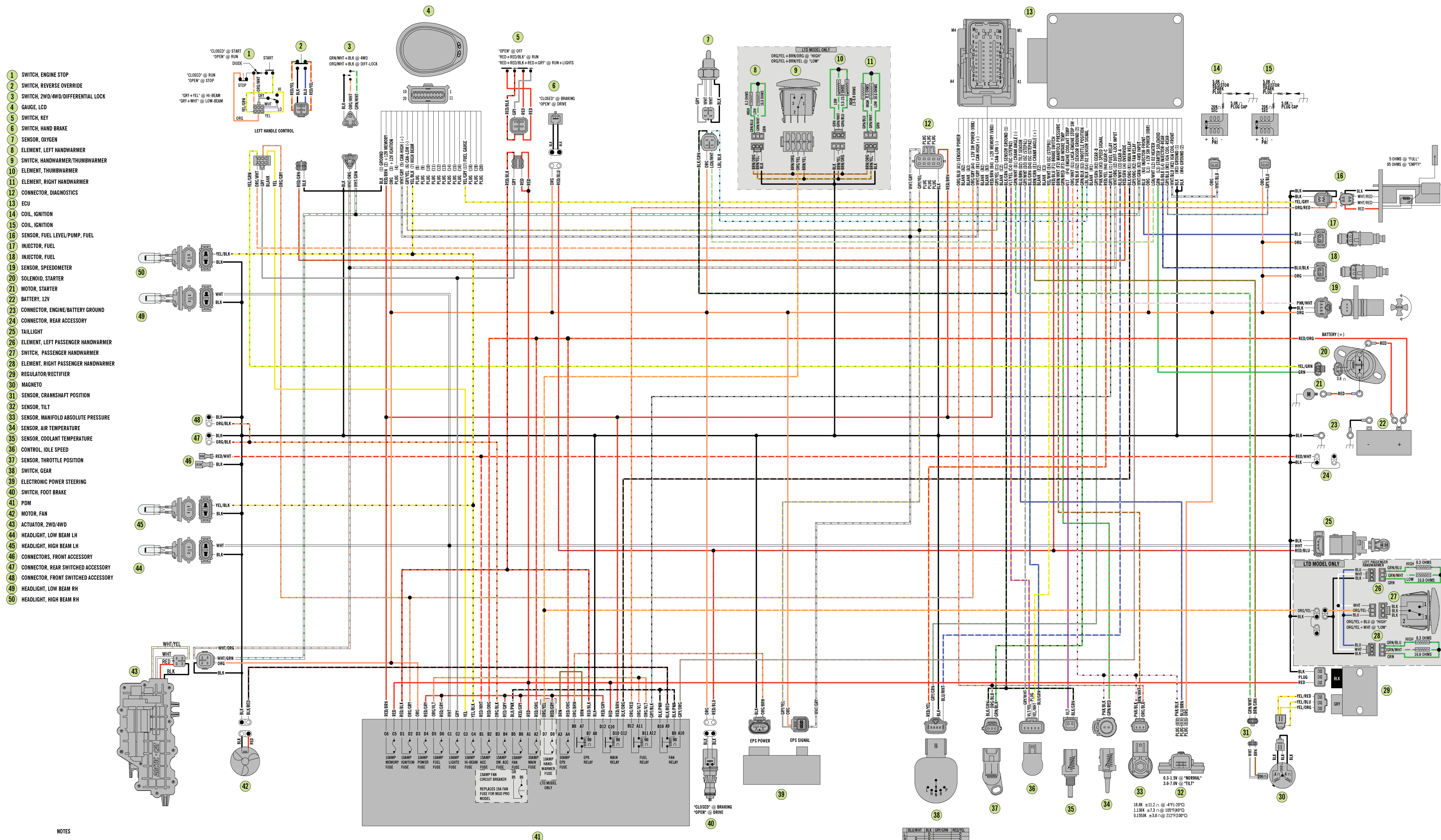
1. CONNECTORS VIEWED FROM MATING SURFACE SIDE.

2. ● MOLDED CONNECTOR MALE PIN TERMINAL
○ MOLDED CONNECTOR FEMALE RECEPTACLE TERMINAL

Main Harness
(p/n 0486-499)
1000 XT

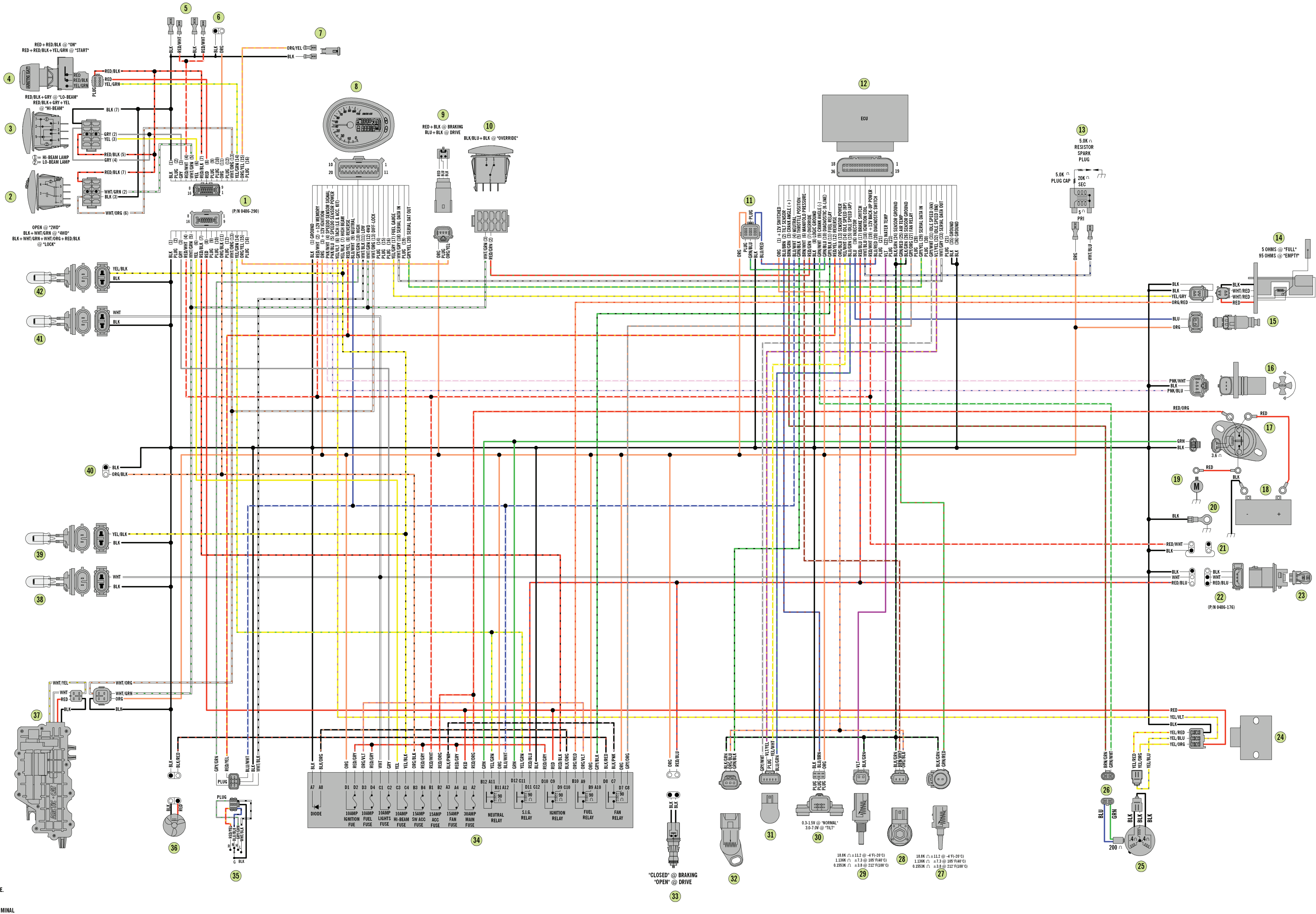


Main Harness (p/n 0486-489) 1000 Mud Pro (p/n 0486-490) 1000 TRV LTD

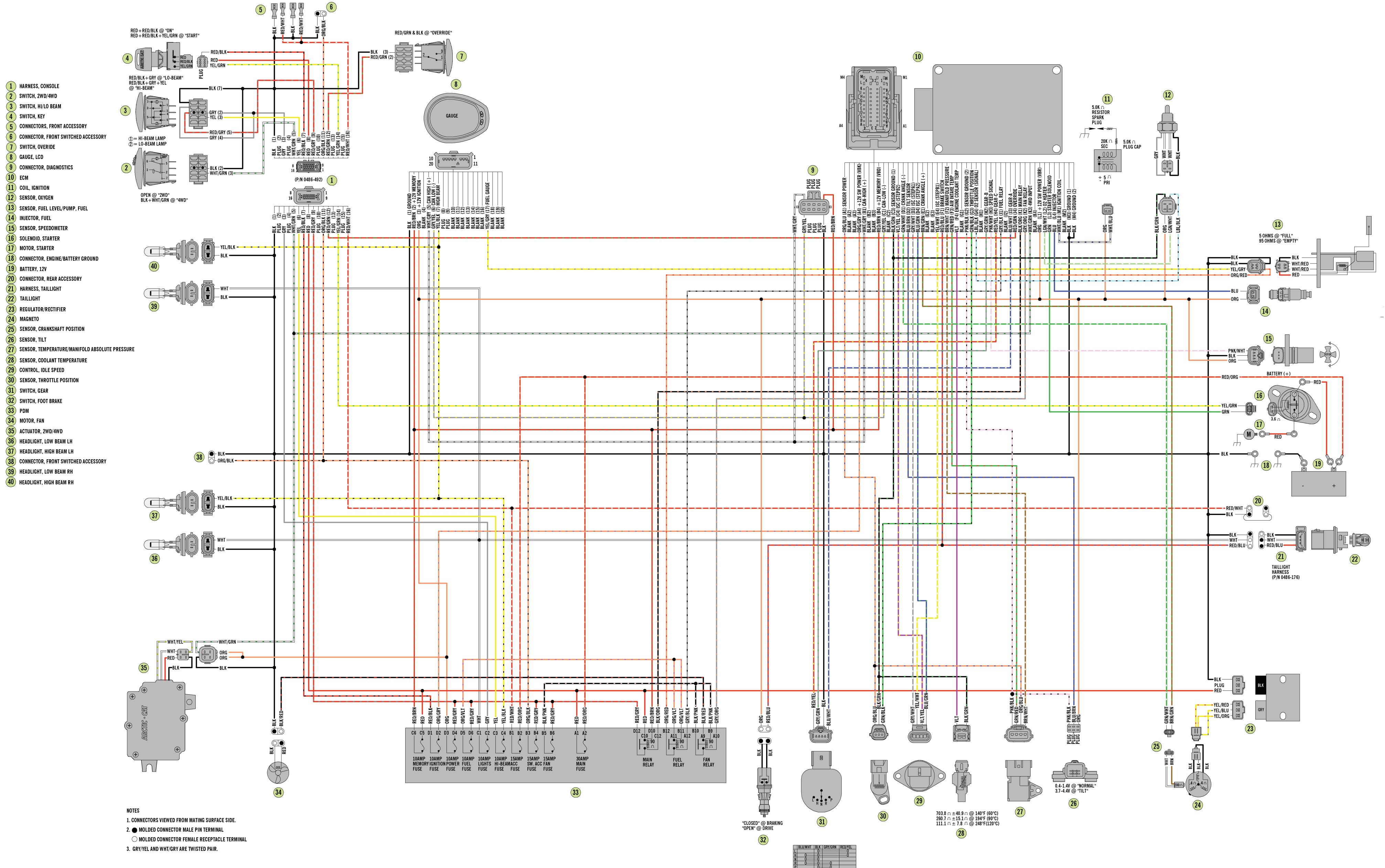


Harness
(p/n 0486-296)
Prowler XT

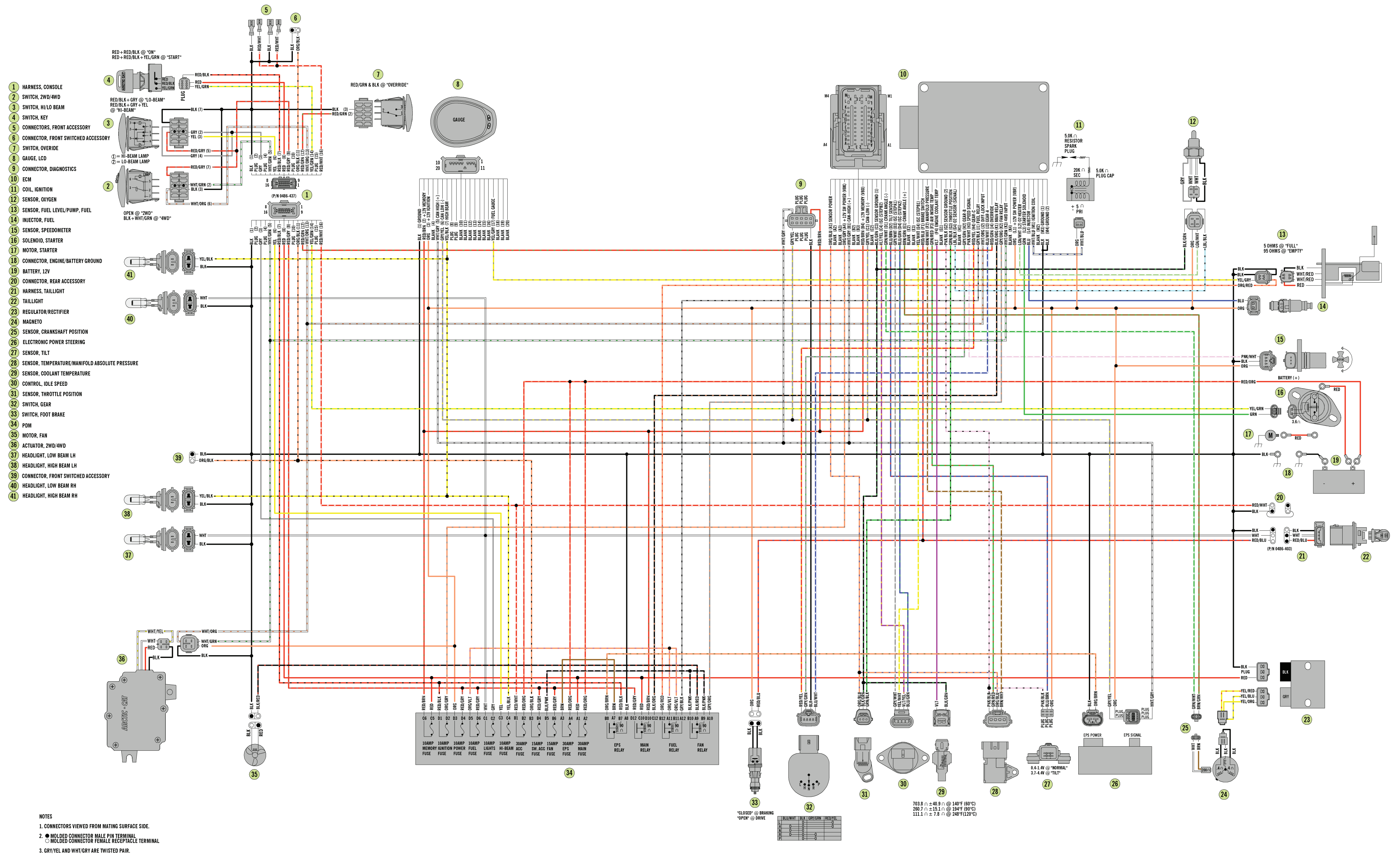
- 1 HARNESS, CONSOLE
- 2 SWITCH, 2WD/4WD/DIFFERENTIAL LOCK
- 3 SWITCH, HI/LO BEAM
- 4 SWITCH, KEY
- 5 CONNECTORS, FRONT ACCESSORY
- 6 CONNECTOR, FRONT ACCESSORY SWITCH
- 7 LIGHT, PARKING BRAKE
- 8 GAUGE, LCD
- 9 SWITCH, PARKING BRAKE LIGHT
- 10 SWITCH, REVERSE OVERRIDE
- 11 CONNECTOR, DIAGNOSTICS
- 12 ECU
- 13 COIL, IGNITION
- 14 SENSOR, FUEL LEVEL/PUMP, FUEL
- 15 INJECTOR, FUEL
- 16 SENSOR, SPEEDOMETER
- 17 SOLENOID, STARTER
- 18 BATTERY, 12V
- 19 MOTOR, STARTER
- 20 CONNECTOR, ENGINE/BATTERY GROUND
- 21 CONNECTOR, REAR ACCESSORY
- 22 HARNESS, TAILLIGHT
- 23 TAILLIGHT
- 24 REGULATOR/RECTIFIER
- 25 MAGNETO
- 26 SENSOR, CRANKSHAFT POSITION
- 27 SENSOR, AIR TEMPERATURE
- 28 SENSOR, MANIFOLD ABSOLUTE PRESSURE
- 29 SENSOR, COOLANT TEMPERATURE
- 30 SENSOR, TILT
- 31 CONTROL, IDLE SPEED
- 32 SENSOR, THROTTLE POSITION
- 33 SWITCH, FOOT BRAKE
- 34 PDM
- 35 SWITCH, GEAR POSITION
- 36 MOTOR, FAN
- 37 ACTUATOR, 2WD/4WD
- 38 HEADLIGHT, LOW BEAM LH
- 39 HEADLIGHT, HIGH BEAM LH
- 40 CONNECTOR, ACCESSORY SWITCH
- 41 HEADLIGHT, LOW BEAM RH
- 42 HEADLIGHT, HIGH BEAM RH



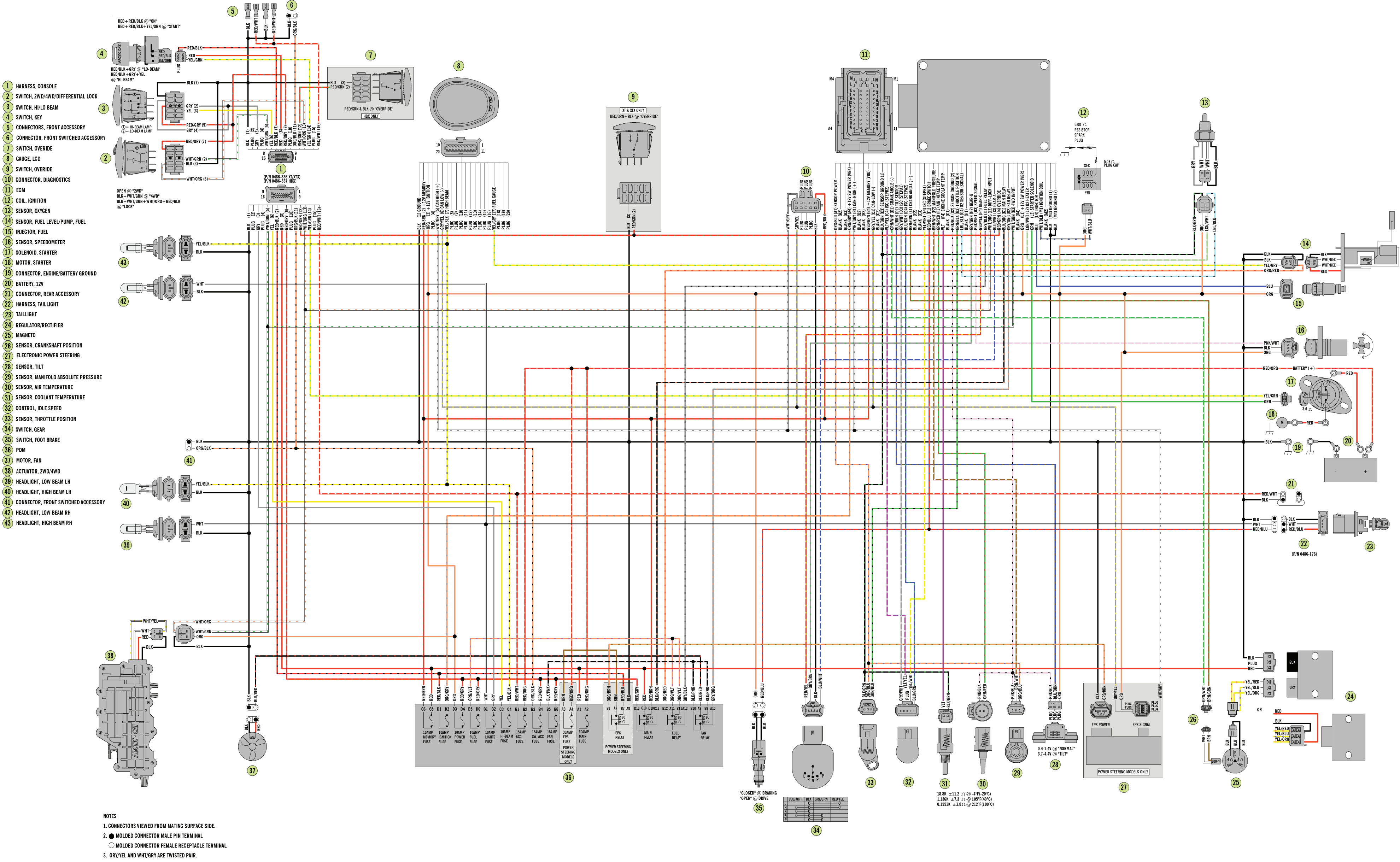
Main Harness (p/n 0486-491) Prowler HDX 500



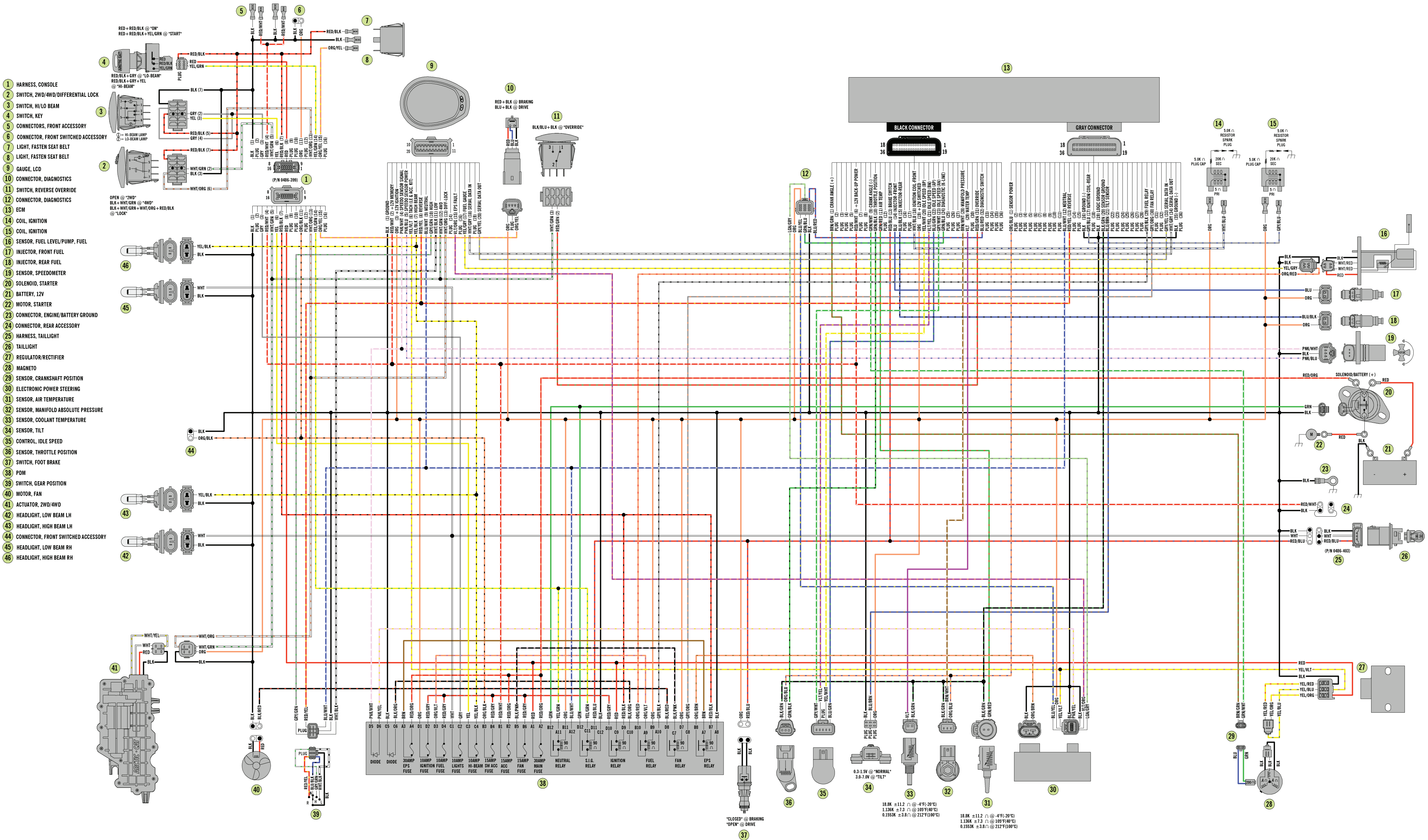
Main Harness
(p/n 0486-519)
Prowler HDX 500 LTD



Main Harness
(p/n 0486-488)
Prowler HDX 700
(p/n 0486-487)
Prowler XTX



Main Harness
(p/n 0486-500)
Prowler XTZ



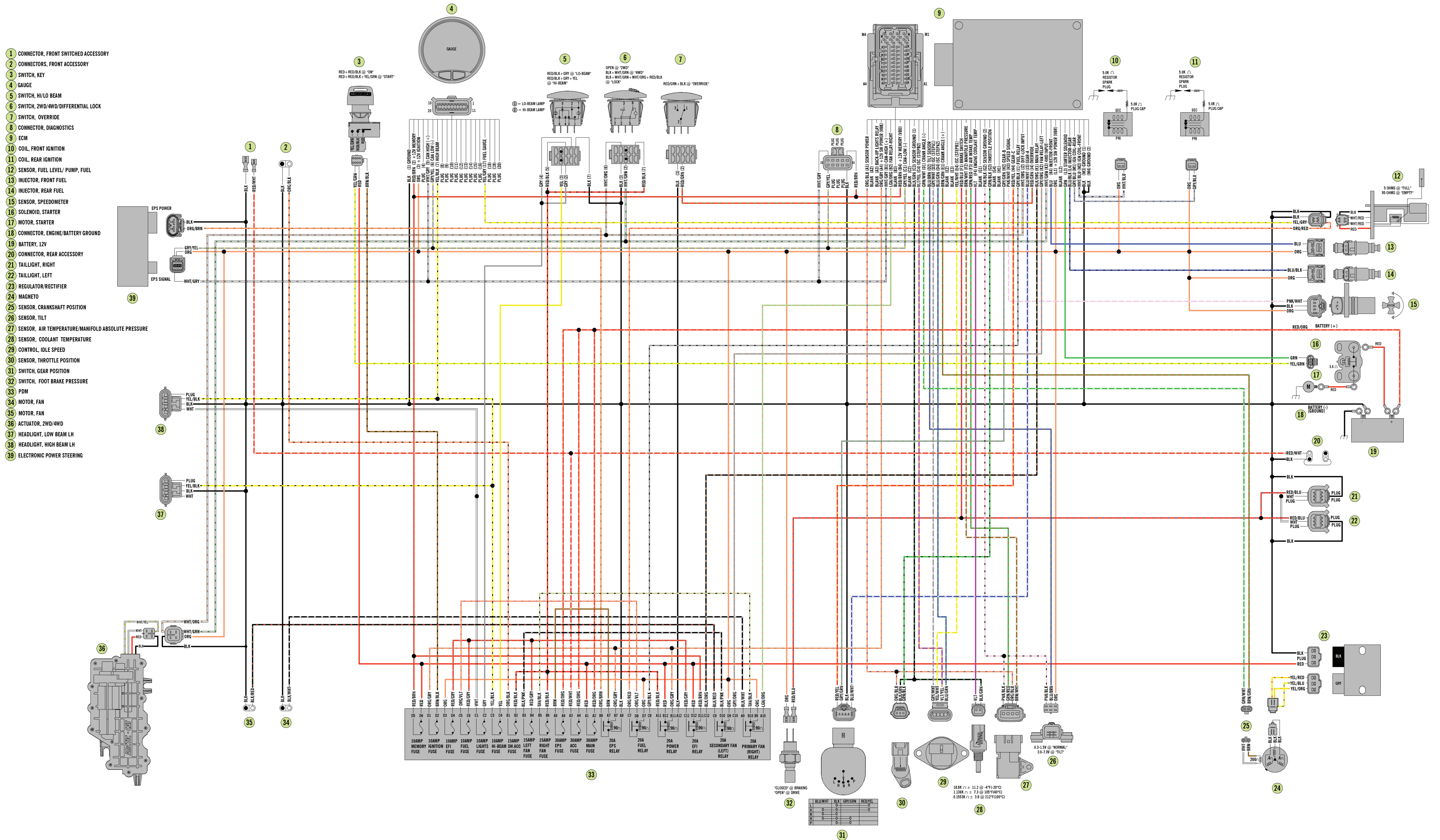
NOTES

1. CONNECTORS VIEWED FROM MATING SURFACE SIDE.

2. MOLDED CONNECTOR MALE PIN TERMINAL
 MOLDED CONNECTOR FEMALE RECEPTACLE TERMINAL

3. BLU/YEL AND LGN/GRY ARE TWISTED PAIR.
GRY/YEL AND WHT/GRY ARE SHIELDED TWISTED PAIR, SHIELD DRAIN WIRE IS CONNECTED TO BLK SPLICE (GROUND).

Main Harness (p/n 0486-462) Wildcat/LTD/X/X LTD (p/n 0486-458) Wildcat 4/LTD/X/X LTD



- NOTES
1. CONNECTORS VIEWED FROM MATING SURFACE SIDE.
 2. ● MOLDED CONNECTOR MALE PIN TERMINAL
○ MOLDED CONNECTOR FEMALE RECEPTACLE TERMINAL
 3. GRN/YEL AND WHI/GRY ARE TWISTED PAIR.

Main Harness (p/n 0486-459) Wildcat Trail/XT

