

2017 ATV/ROV WIRING DIAGRAMS

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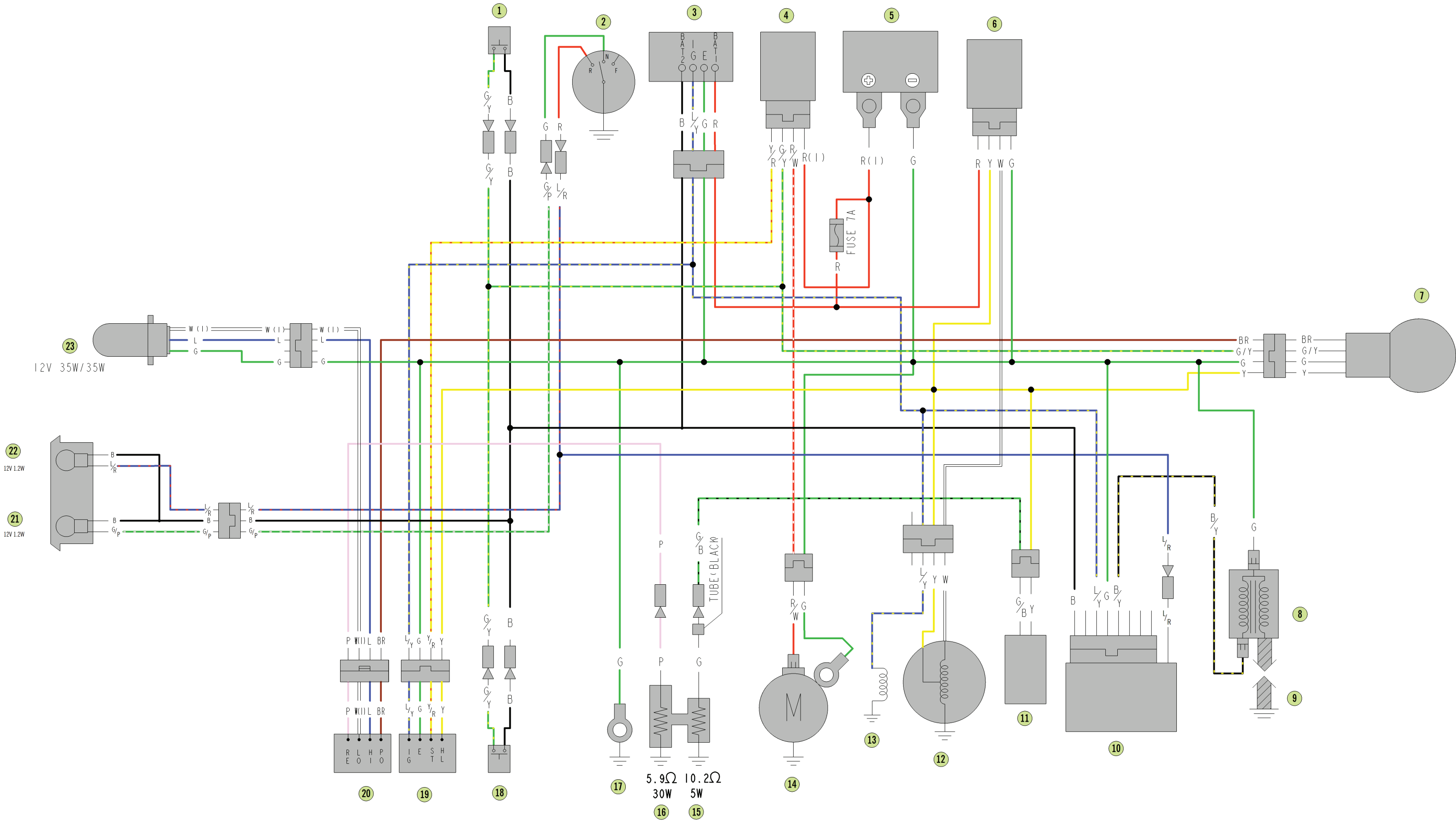
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Harness
(p/n 3306-119)
DVX 90

- 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

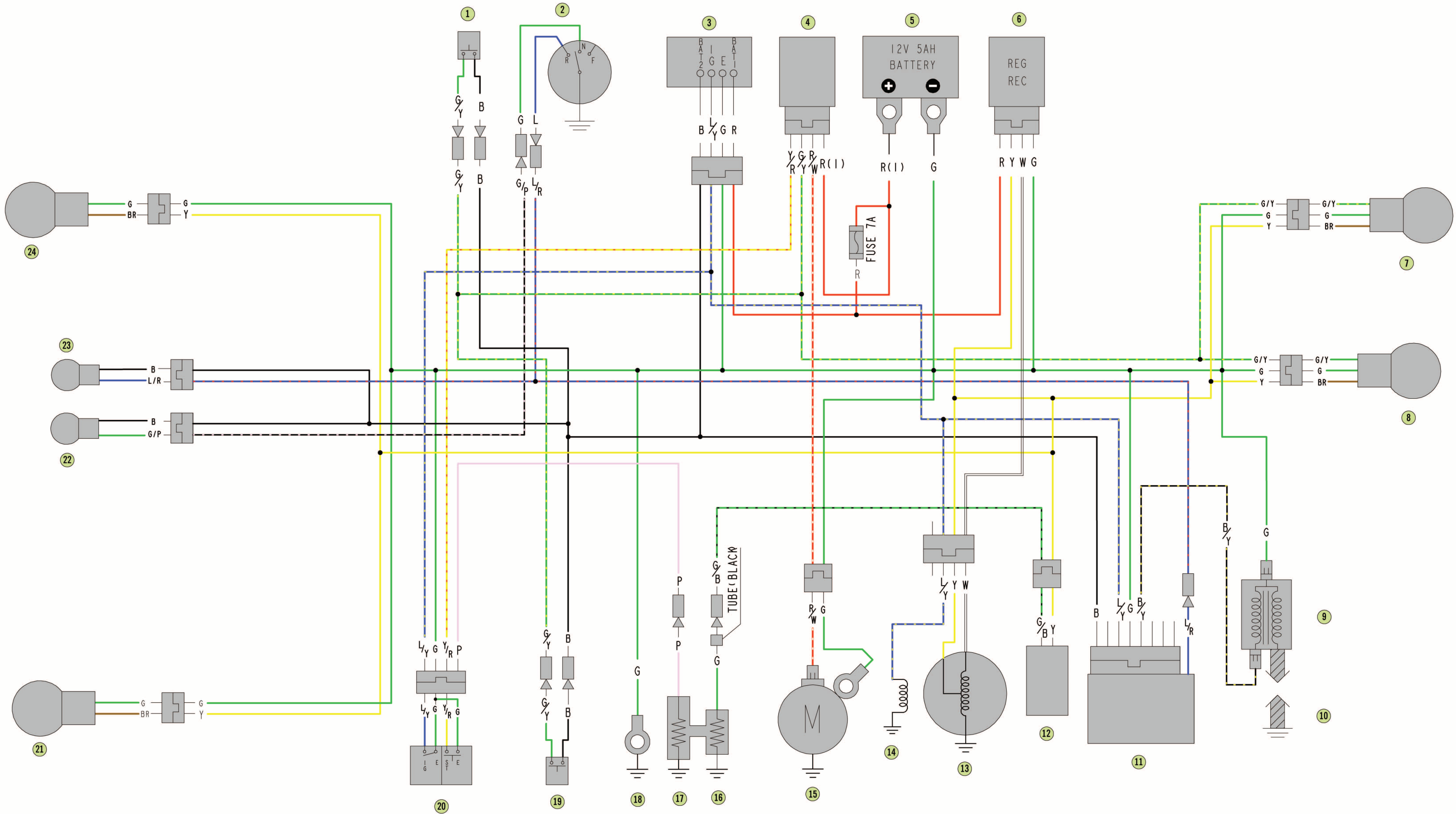
E-STOP SW		
	E	IG
OFF	○	○
RUN		
COLOR	G	L/Y

START BUTTOM		
	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 3307-688)
Alterra 90**

- 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 TAILLIGHT/BRAKE LIGHT
- 9 COIL, IGNITION
- 10 SPARK PLUG
- 11 CDI
- 12 RELAY, LIGHTING
- 13 MAGNETO
- 14 SENSOR, CRANKSHAFT POSITION
- 15 MOTOR, STARTER
- 16 RESISTOR, #1
- 17 RESISTOR, #2
- 18 CONNECTOR, GROUND
- 19 SWITCH, REAR BRAKE
- 20 SWITCH, EMERGENCY STOP/START
- 21 HEADLIGHT
- 22 LIGHT, NEUTRAL INDICATOR
- 23 LIGHT, REVERSE GEAR INDICATOR
- 24 HEADLIGHT



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

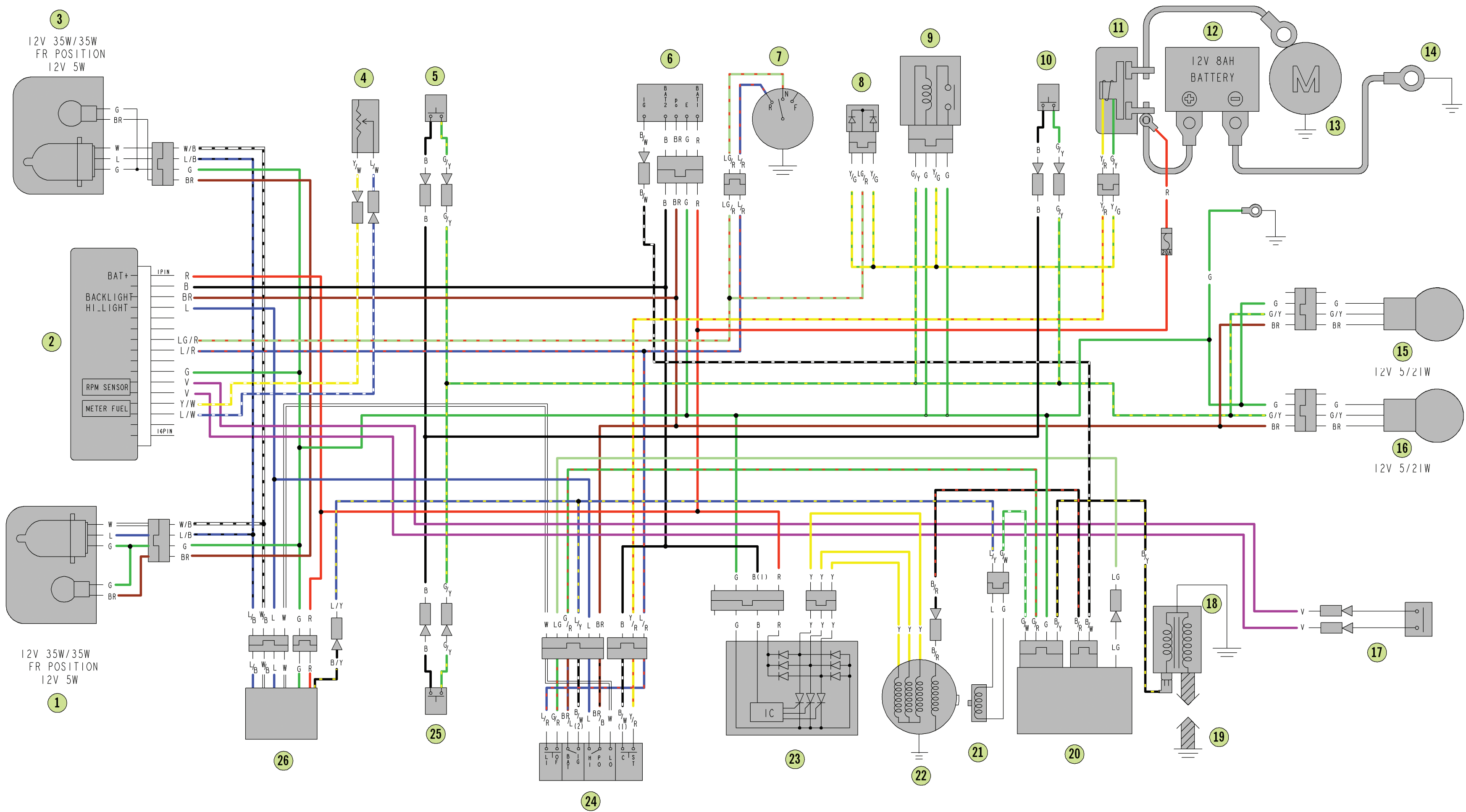
E-STOP SW		
	E	IG
OFF	○	○
RUN		
COLOR	G	L/Y

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		

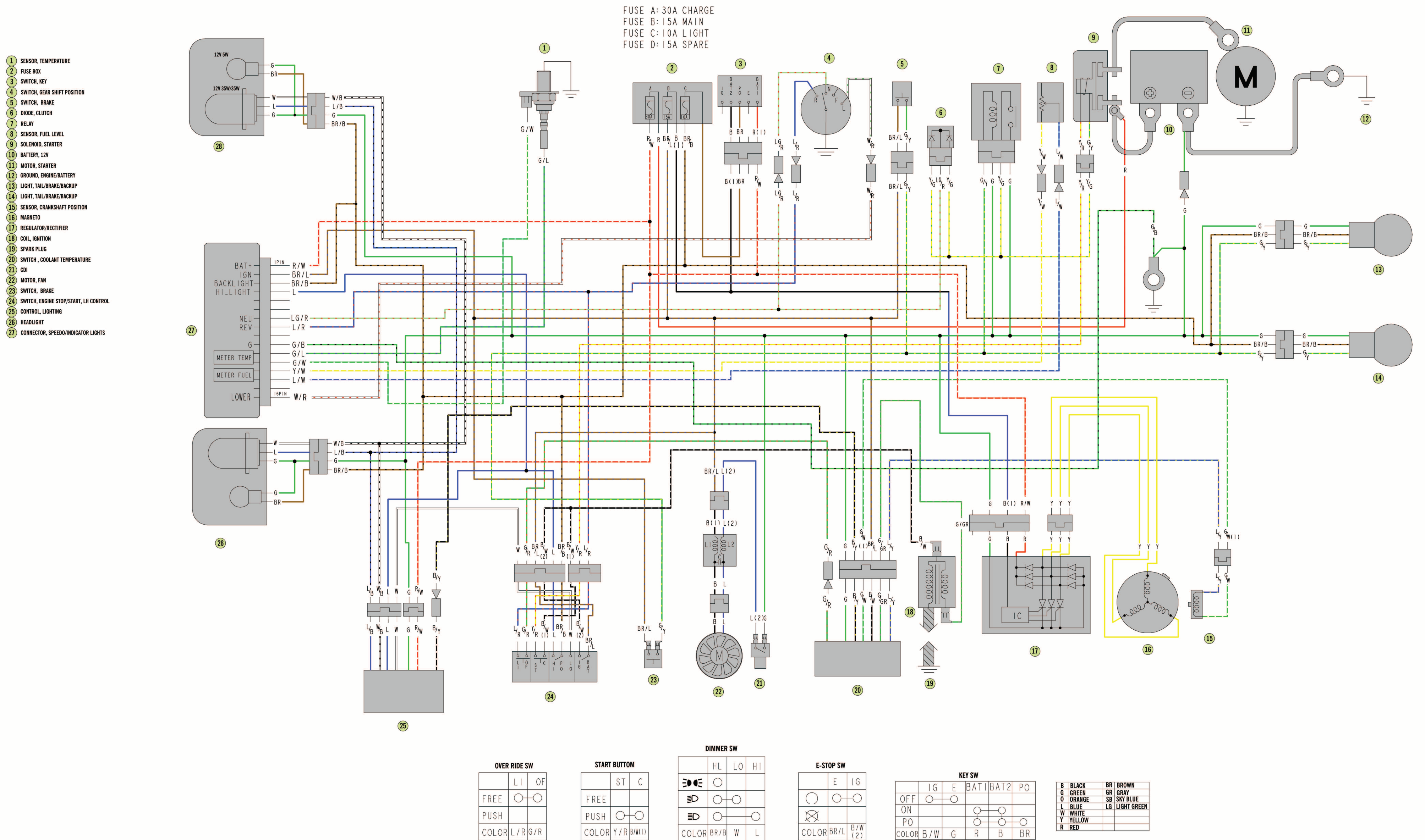
Harness
(p/n 3305-748)
150

- 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



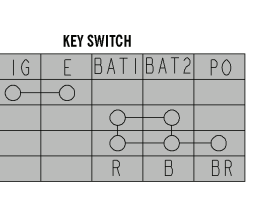
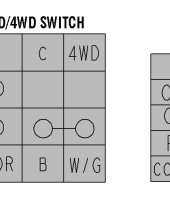
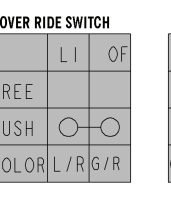
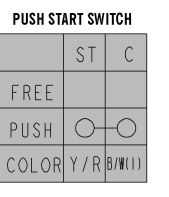
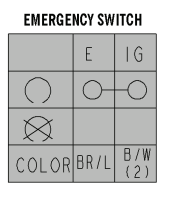
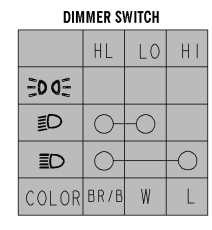
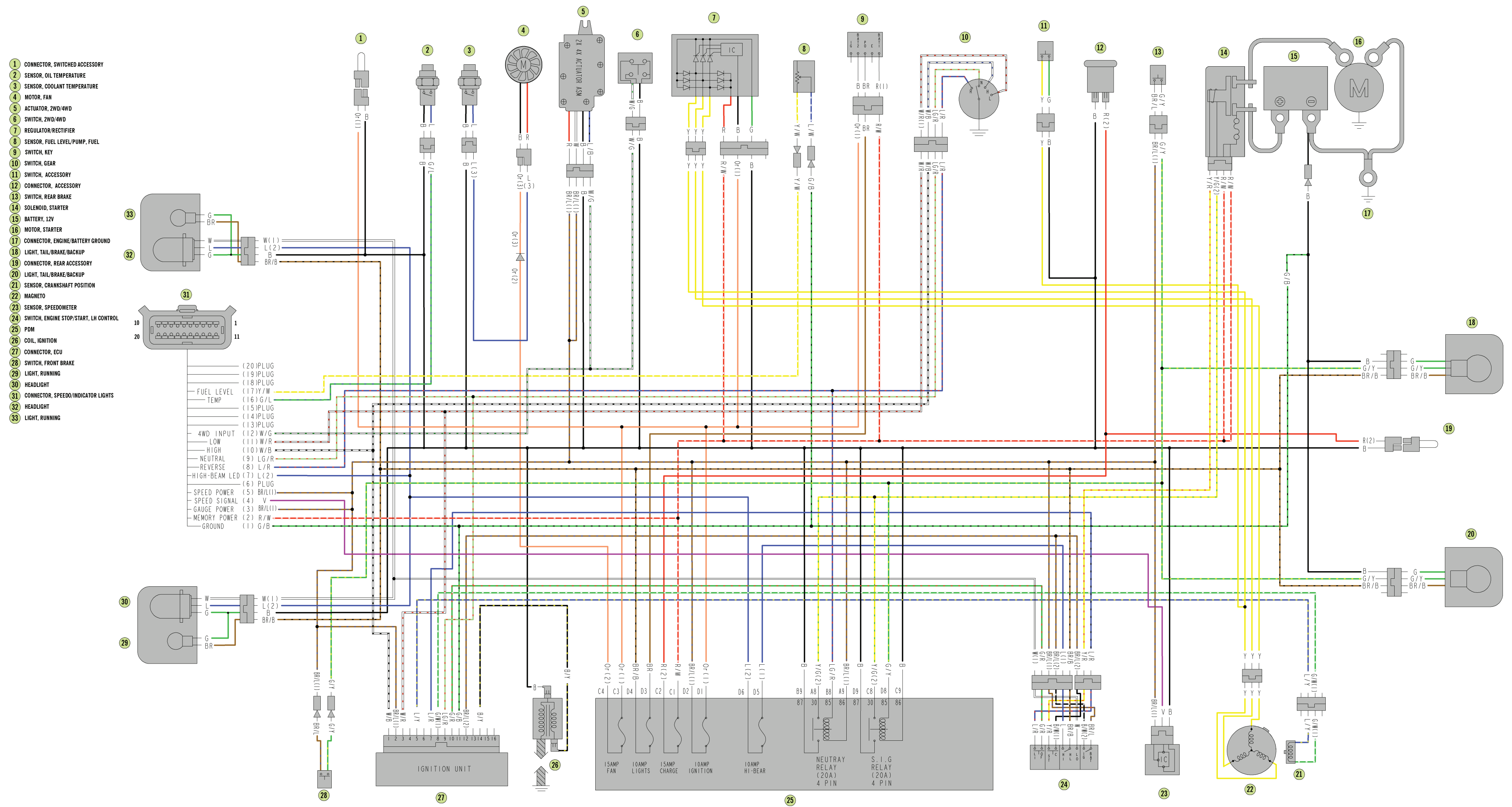
E-STOP SW			START SW			LIGHT/DIMMER SW			OVER RIDE SW			KEY SW										
	BAT	IG		ST	C		LO	HI	PO		LI	OF		IG	E	BAT1	BAT2	PO	B	BLACK	BR	BROWN
																			G	GREEN	GR	GRAY
			FREE										ON						O	ORANGE	SB	SKY BLUE
			PUSH										PO						L	BLUE	LG	LIGHT GREEN
COLOR	BR/L	B/W (2)	COLOR	Y/R	B/W (1)	COLOR	W	L	BR	COLOR	L/R	G/R	COLOR	B/W	G	R	B	BR	W	WHITE	V	VIOLET
																			Y	YELLOW		
																			R	RED		

Harness
(p/n 3307-828)
Alterra 300



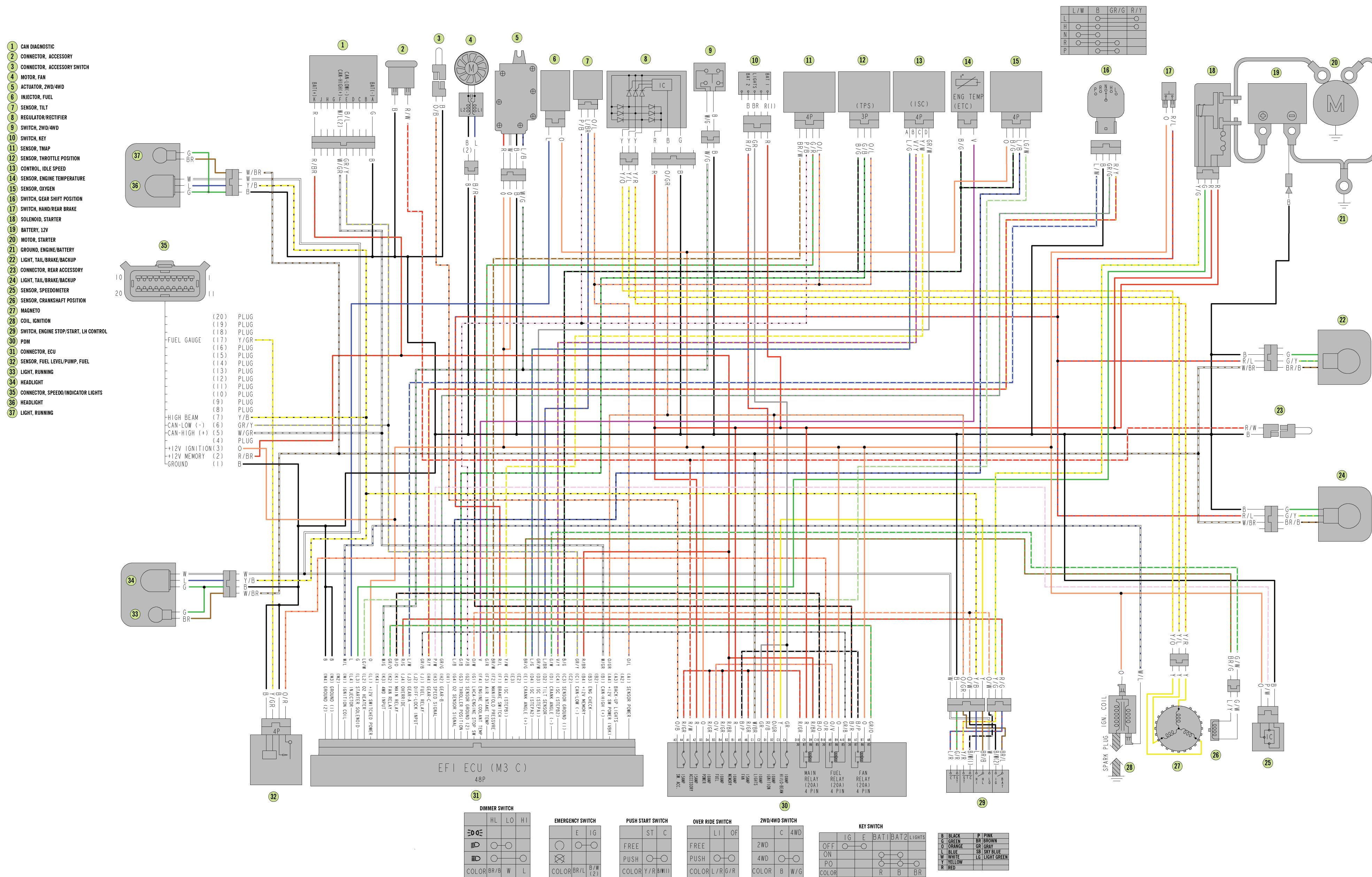
0030Z-ZXA3-M000

**Main Harness
(p/n 3307-178)
Alterra 400**

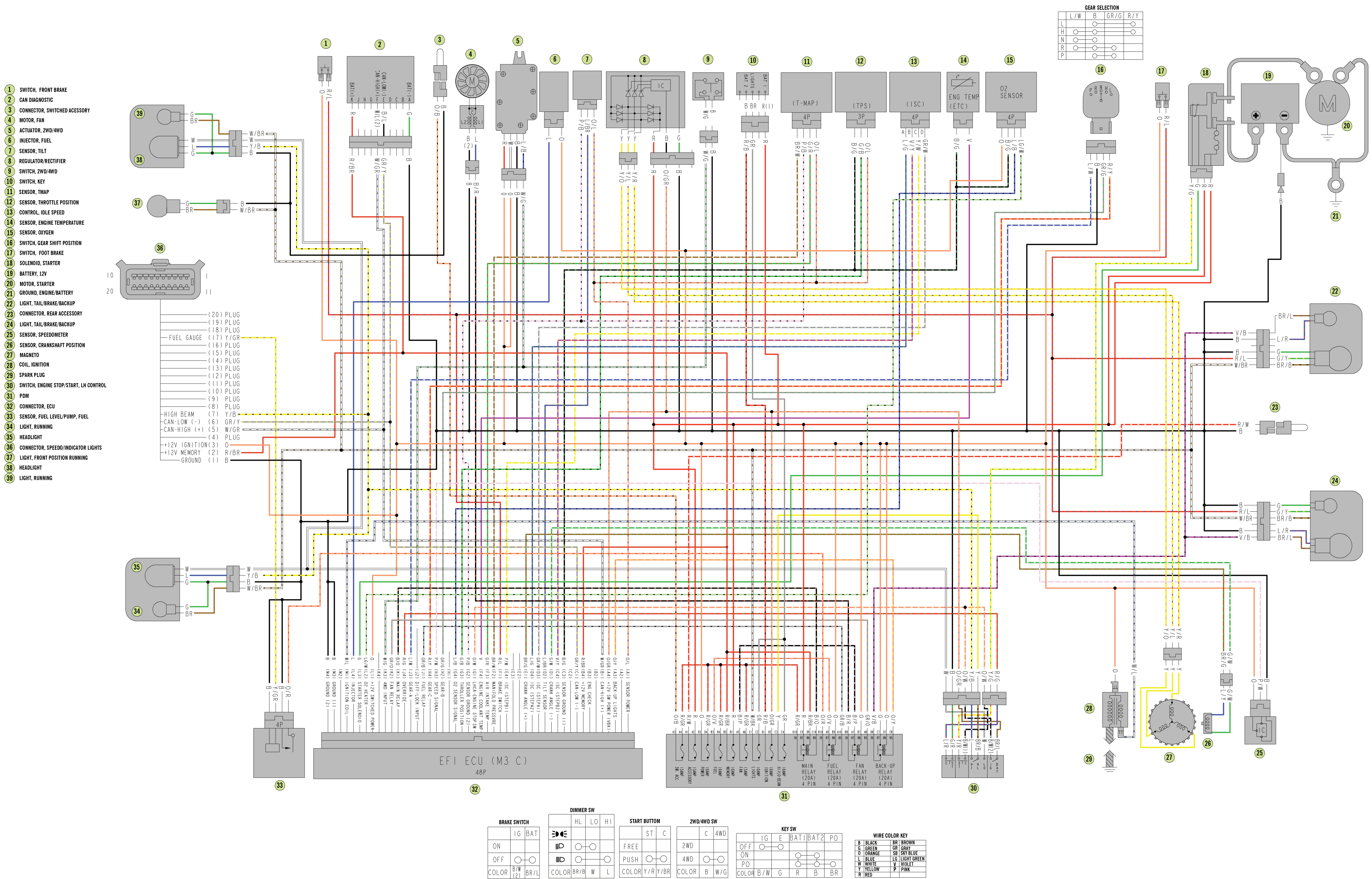


B	BLACK	BR	BROWN
G	GREEN	GR	GRAY
OF	ORANGE	SB	SKY BLUE
L	BLUE	LG	LIGHT GREEN
W	WHITE		
Y	YELLOW		
R	RED		

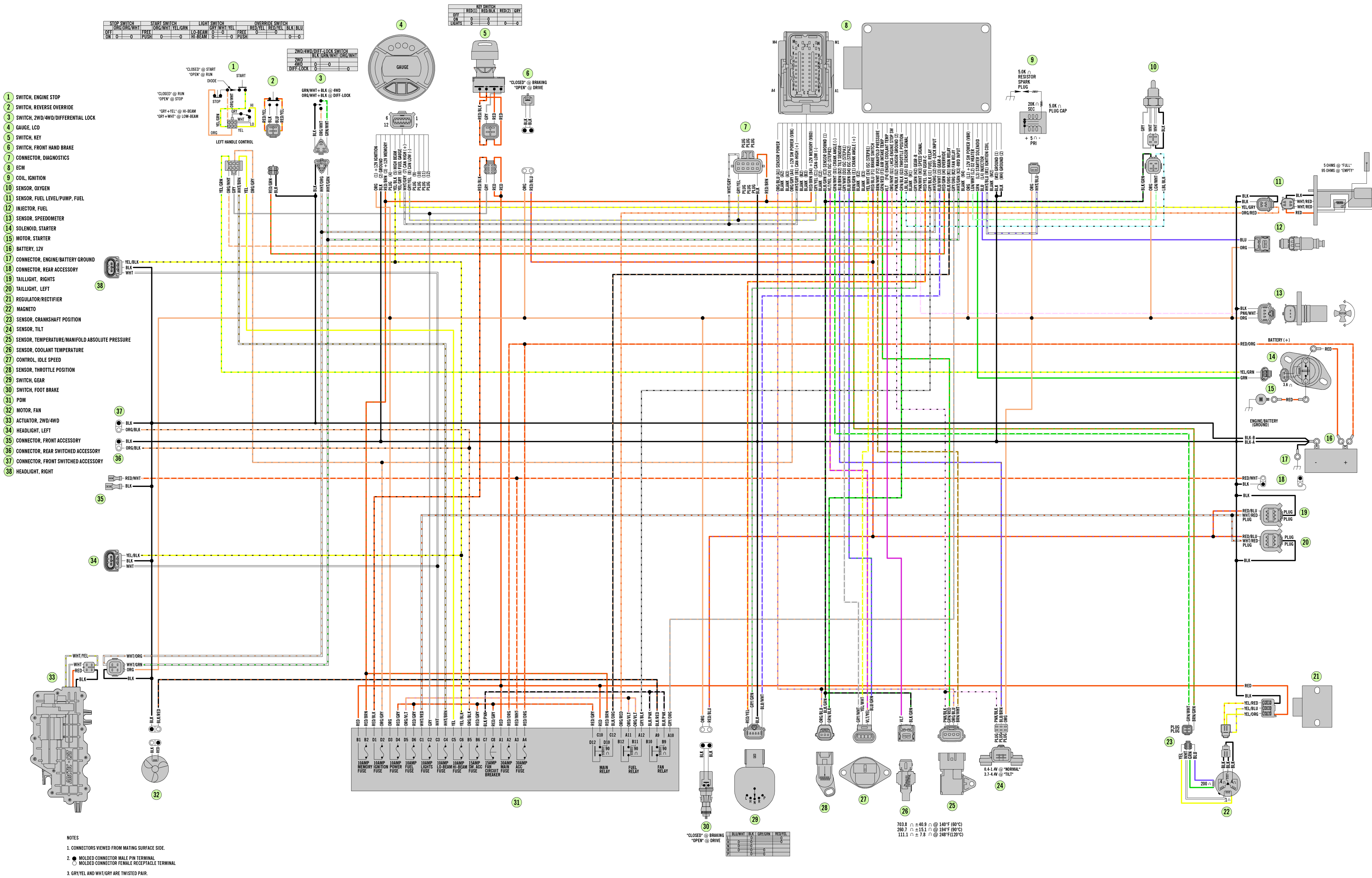
Main Harness (p/n 3307-193) Alterra 500



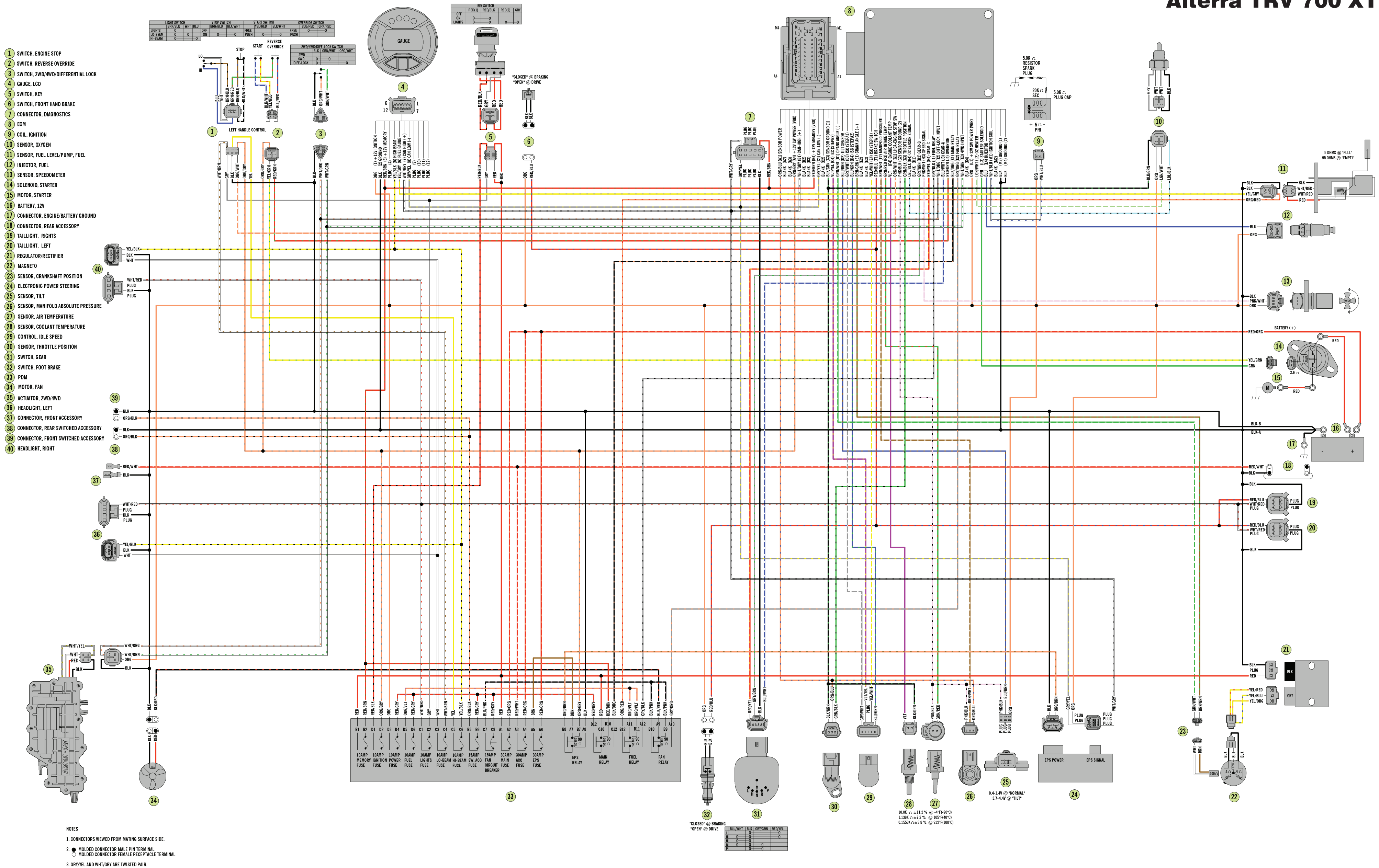
Main Harness
(p/n 3306-879)
XC 450



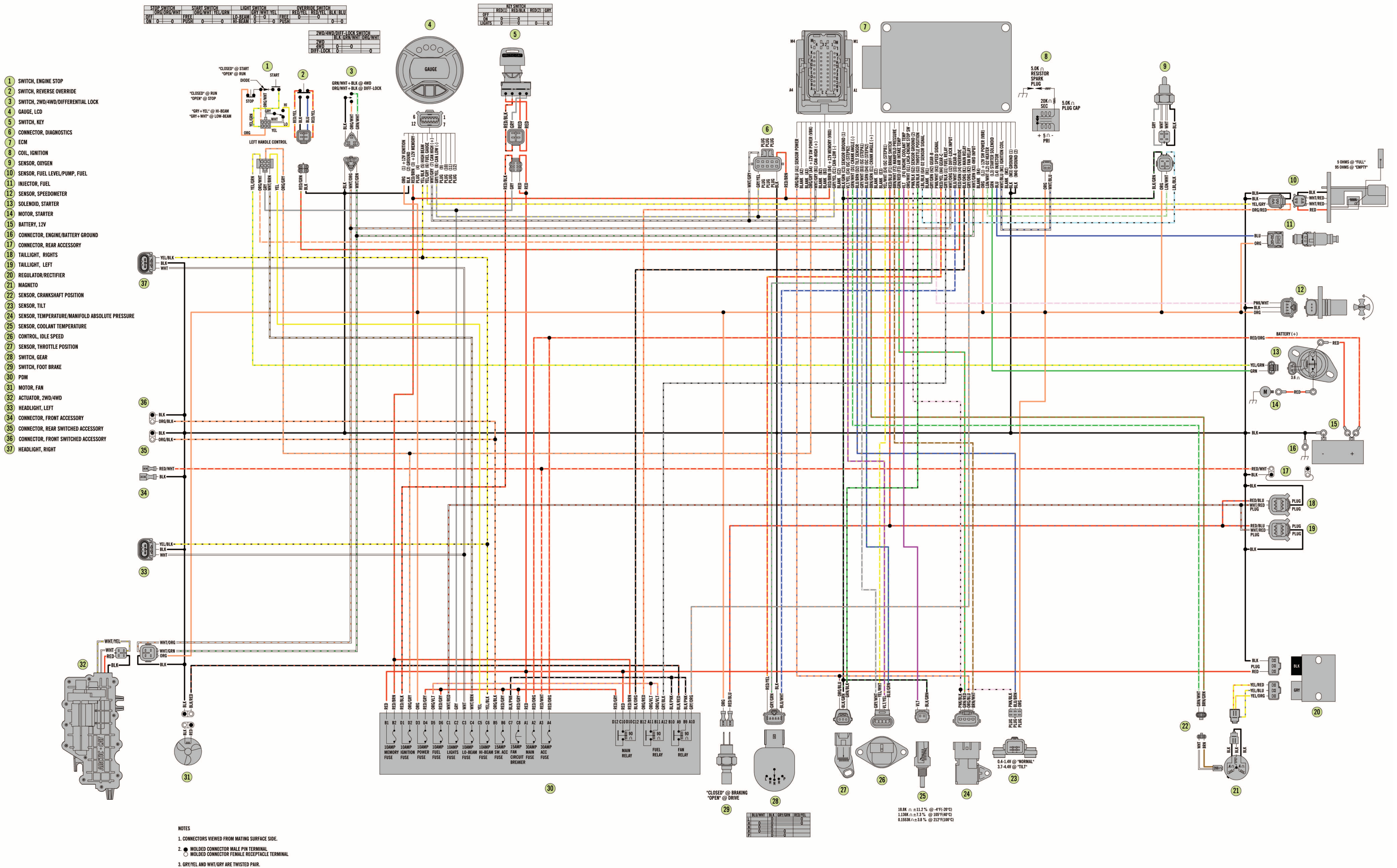
Main Harness
Alterra TRV 500
(p/n 0486-564)



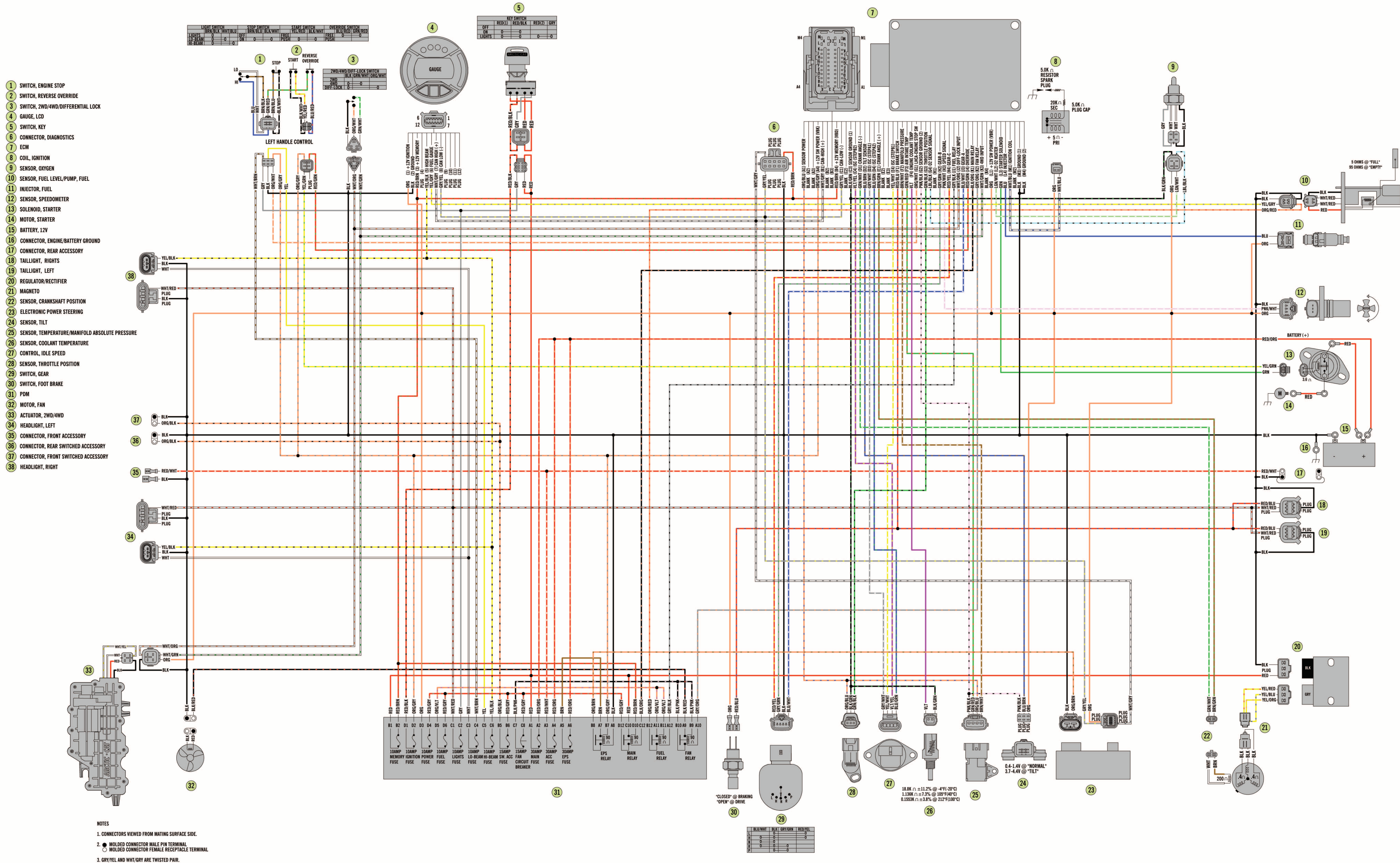
Main Harness
(p/n 0486-565)
Alterra TRV 550 XT
Alterra TRV 700 XT



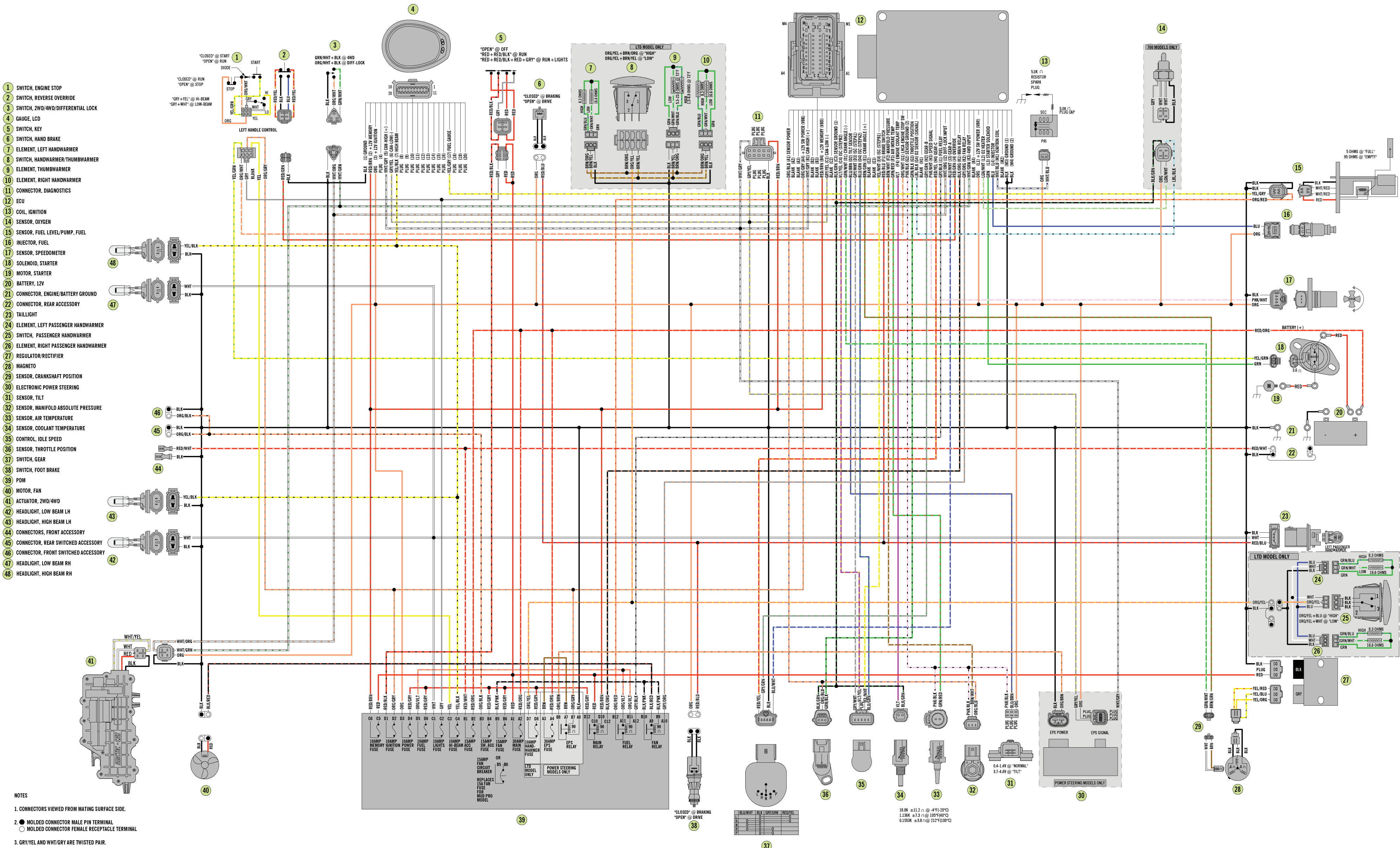
Main Harness
(p/n 0486-533)
Alterra 700



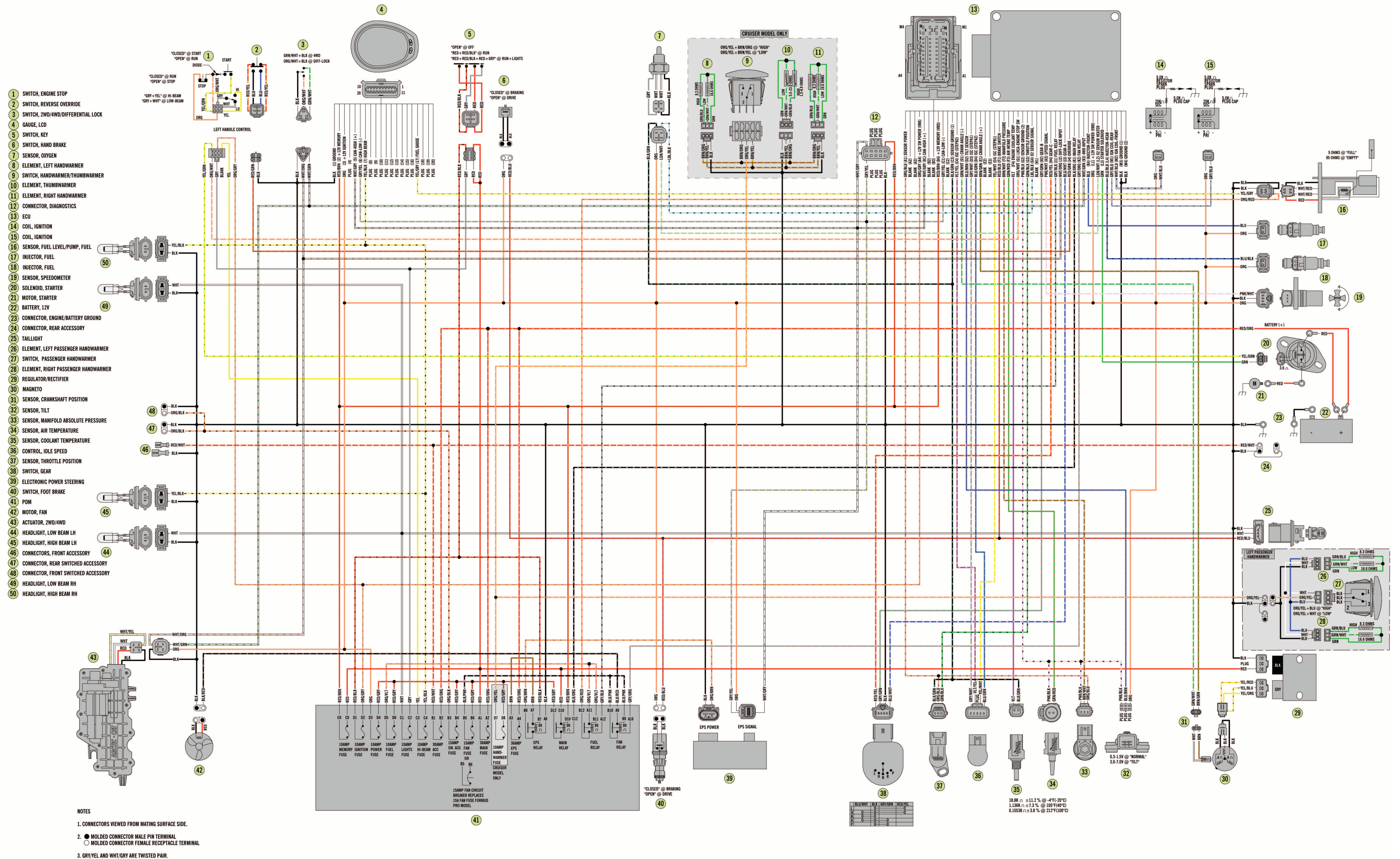
Main Harness
(p/n 0486-534)
Alterra 700 XT



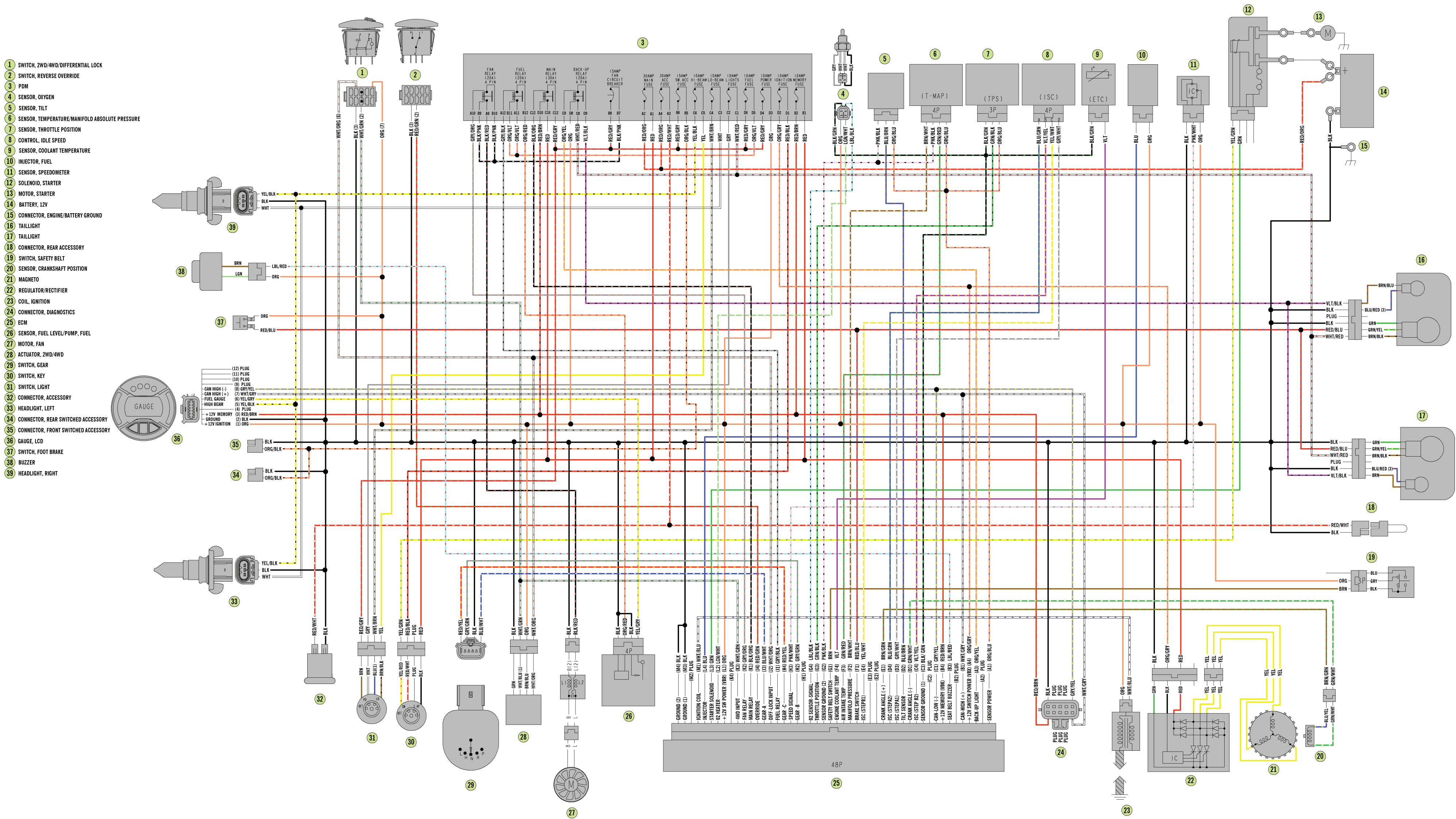
Main Harness
(p/n 0486-485)
TBX 700
(p/n 0486-486)
Mud Pro 700 LTD



**Main Harness
(p/n 0486-455)
1000 XT
(p/n 0486-505)
Mud Pro 1000 LTD**



Main Harness
(p/n 0486-563)
Prowler 500



LIGHTING SWITCH				
	RED/GRY	GRY	WHT/BRN	YEL
OFF	0	0		
LIGHT	0	0		
LO-BEAM	0	0	0	
HIGH-BEAM	0	0		0

STARTER SWITCH			
	RED	RED/BLK	YEL/GRN
OFF			
ON	0	0	
START	0	0	0

GRAY CODE GEAR SWITCH			
	BLU/WHT	BLK	GRY/GRN
L	0	0	0
H	0	0	0
N	0	0	0
R	0	0	0
P	0	0	0

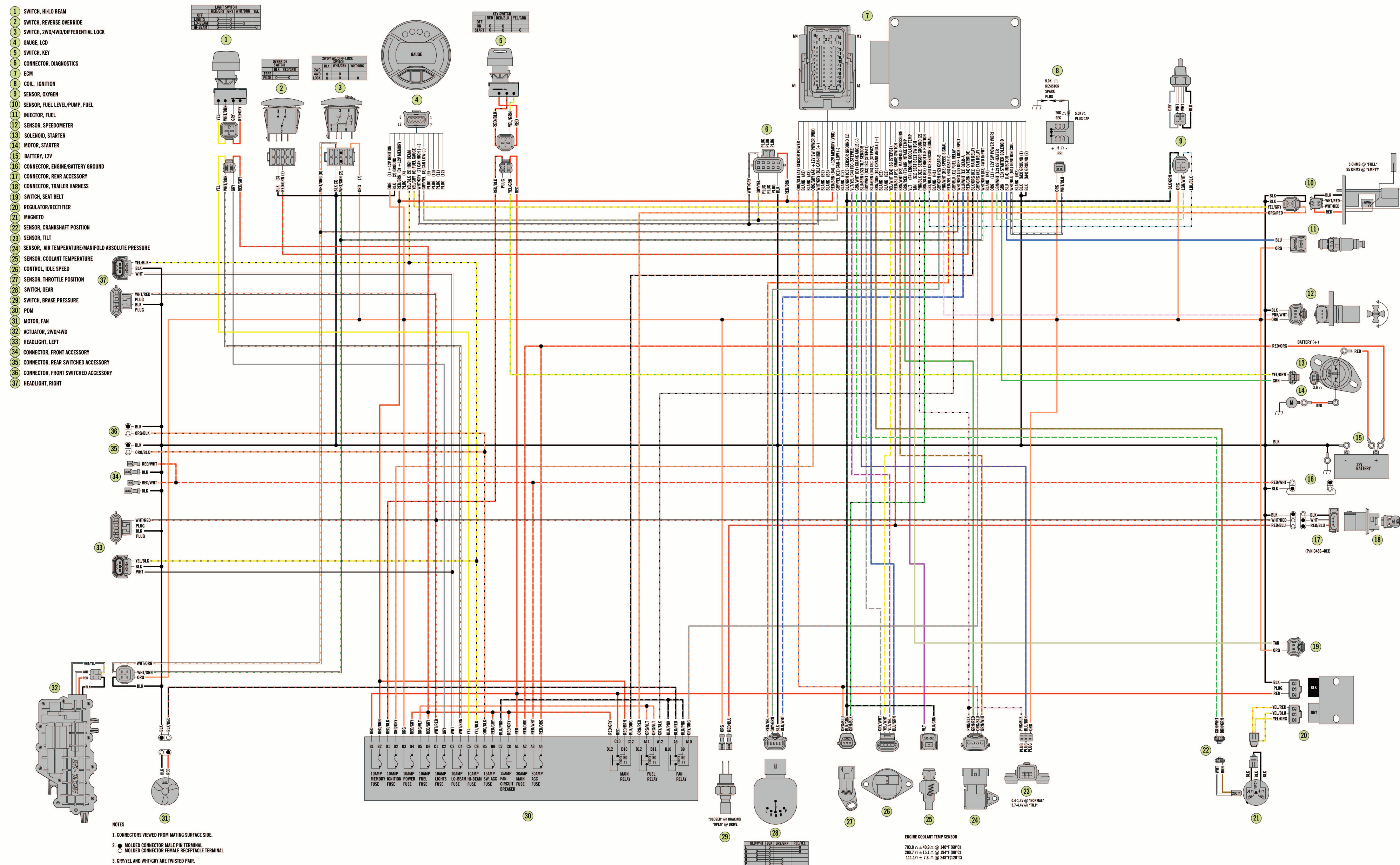
2WD/4WD/DIFF-LOCK SWITCH			
	2WD	4WD	LOCK
2WD	0	0	0
4WD	0	0	0
LOCK	0	0	0

OVERRIDE SWITCH		
	BLK	RED/GRN
FREE	0	0
PUSH	0	0

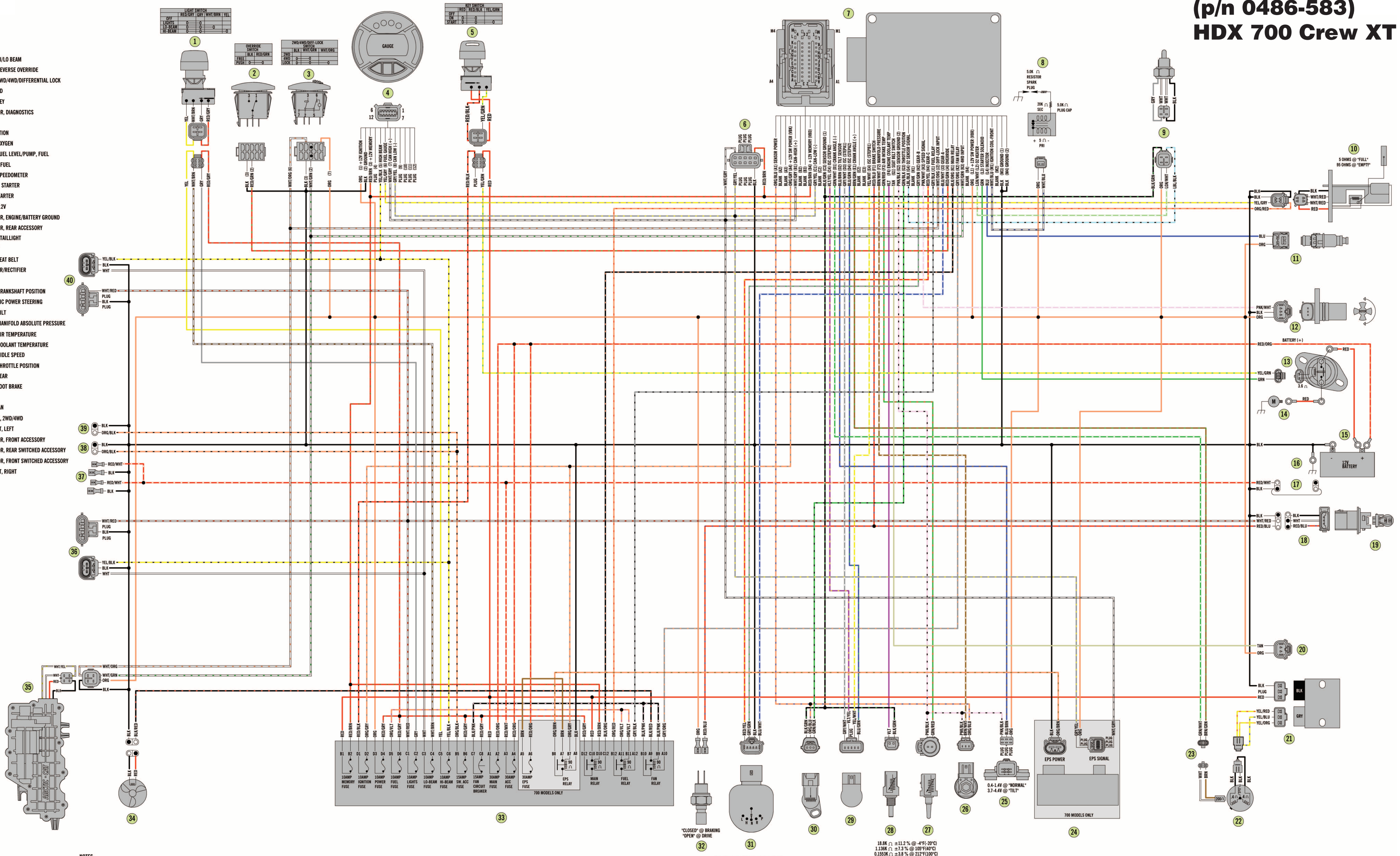
SAFETY BELT SWITCH			
	GRY	BLK	BLU
UNBUCKLED	0	0	0
BUCKLED	0	0	0

BLK	BLACK	ORG	ORANGE
BLU	BLUE	PNK	PINK
BRN	BROWN	RED	RED
GRN	GREEN	VL	VIOLET
GRY	GREY	WHT	WHITE
LBL	LIGHT BLUE	YEL	YELLOW
LGN	LIGHT GREEN		

Main Harness (p/n 0486-581) HDX 500 XT

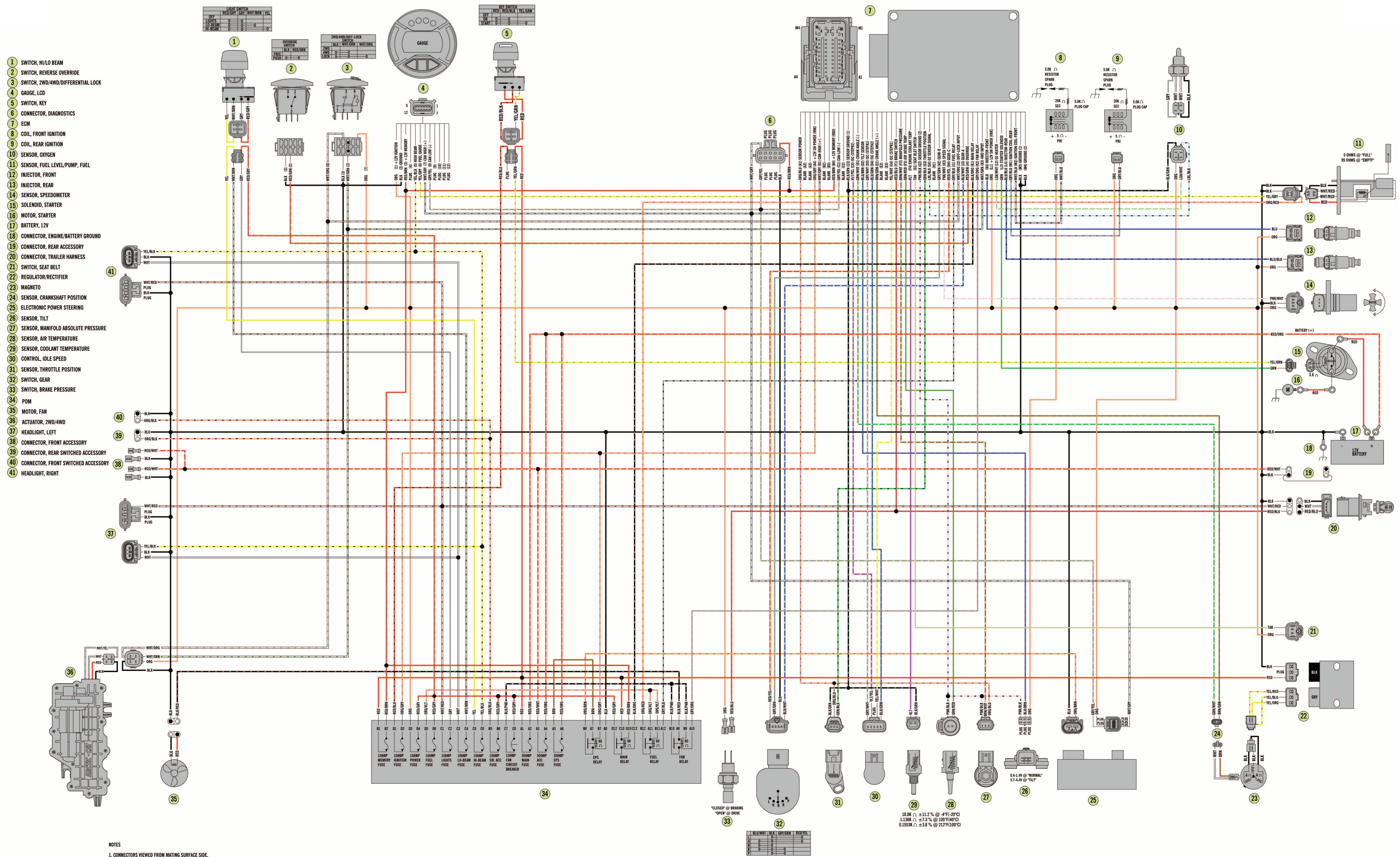


- 1 SWITCH, H/L/O BEAM
- 2 SWITCH, REVERSE OVERRIDE
- 3 SWITCH, 2WD/4WD/DIFFERENTIAL LOCK
- 4 GAUGE, LCD
- 5 SWITCH, KEY
- 6 CONNECTOR, DIAGNOSTICS
- 7 ECM
- 8 COIL, IGNITION
- 9 SENSOR, OXYGEN
- 10 SENSOR, FUEL LEVEL/PUMP, FUEL
- 11 INJECTOR, FUEL
- 12 SENSOR, SPEEDOMETER
- 13 SOLENOID, STARTER
- 14 MOTOR, STARTER
- 15 BATTERY, 12V
- 16 CONNECTOR, ENGINE/BATTERY GROUND
- 17 CONNECTOR, REAR ACCESSORY
- 18 HARNESS, TAILLIGHT
- 19 TAILLIGHT
- 20 SWITCH, SEAT BELT
- 21 REGULATOR/RECTIFIER
- 22 MAGNETO
- 23 SENSOR, CRANKSHAFT POSITION
- 24 ELECTRONIC POWER STEERING
- 25 SENSOR, TILT
- 26 SENSOR, MANIFOLD ABSOLUTE PRESSURE
- 27 SENSOR, AIR TEMPERATURE
- 28 SENSOR, COOLANT TEMPERATURE
- 29 CONTROL, IDLE SPEED
- 30 SENSOR, THROTTLE POSITION
- 31 SWITCH, GEAR
- 32 SWITCH, FOOT BRAKE
- 33 PDM
- 34 MOTOR, FAN
- 35 ACTUATOR, 2WD/4WD
- 36 HEADLIGHT, LEFT
- 37 CONNECTOR, FRONT ACCESSORY
- 38 CONNECTOR, REAR SWITCHED ACCESSORY
- 39 CONNECTOR, FRONT SWITCHED ACCESSORY
- 40 HEADLIGHT, RIGHT



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

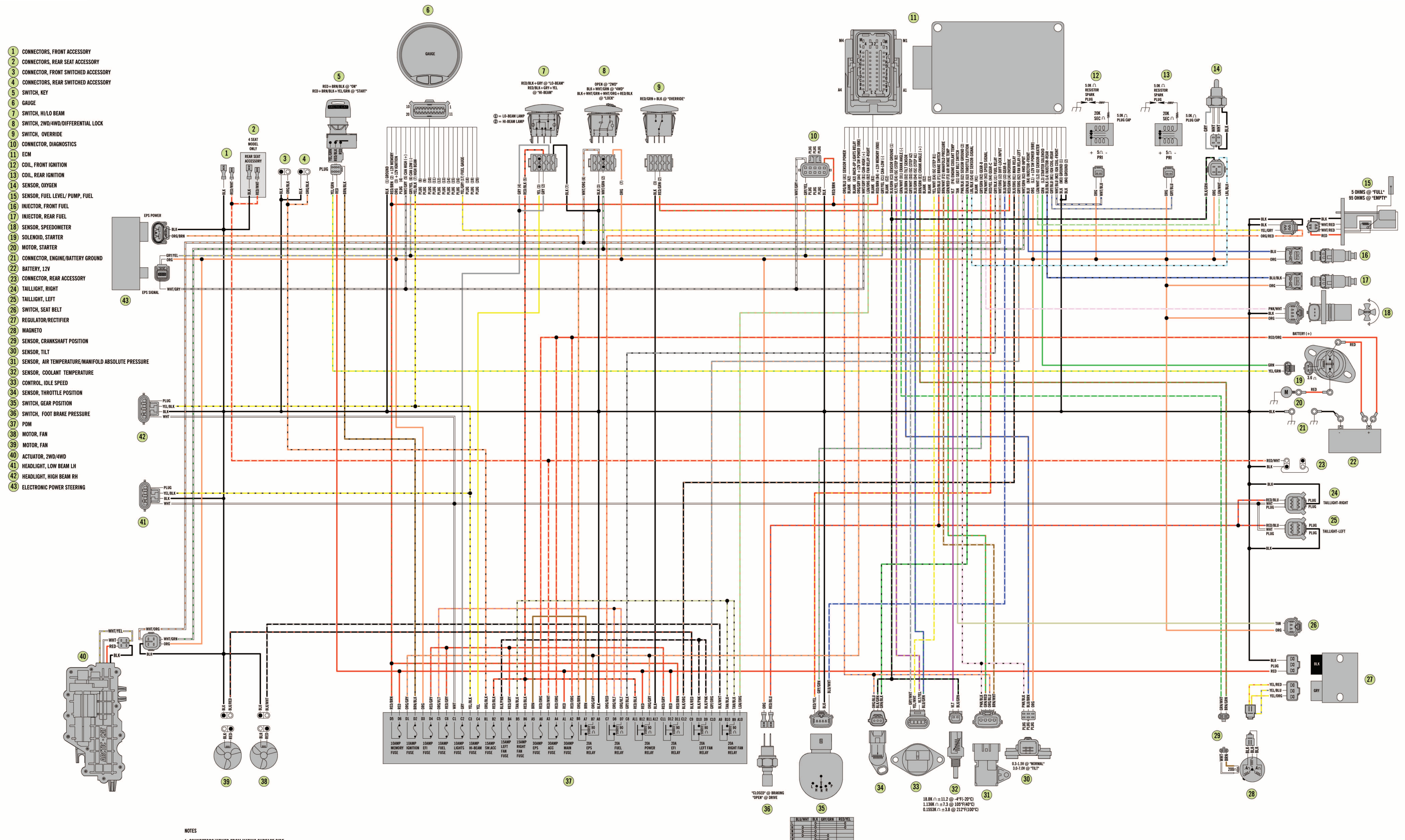
Main Harness (p/n 0486-580) Prowler 1000 XT



NOTES

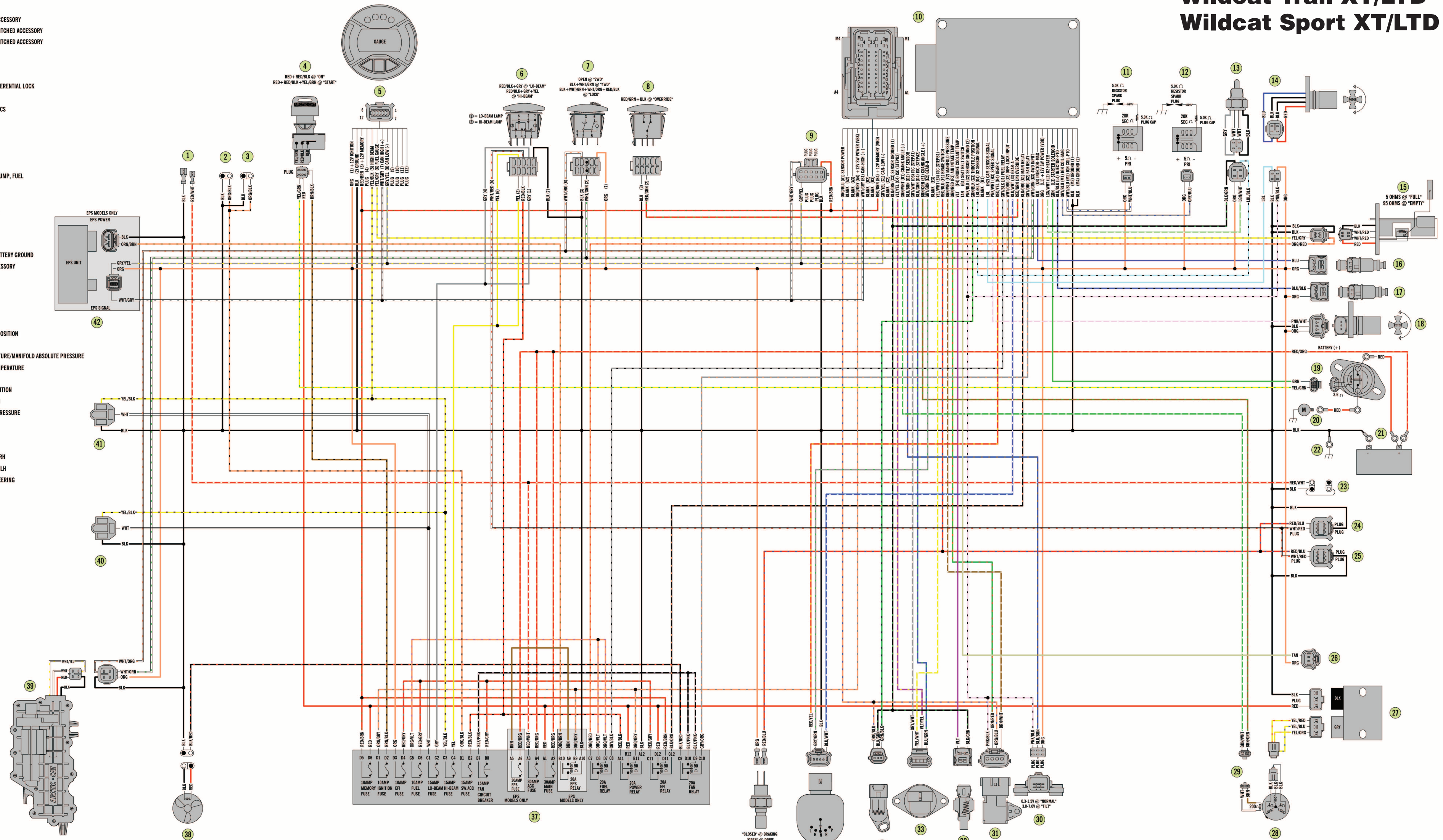
1. CONNECTORS VIEWED FROM MATING SURFACE SIDE.
2. ● MOLDED CONNECTOR MALE PIN TERMINAL
○ MOLDED CONNECTOR FEMALE RECEPTACLE TERMINAL
3. GRN/YEL AND WHT/GRN ARE TWISTED PAIR.

Main Harness (p/n 0486-584) Wildcat X Pro/X Pro LTD (p/n 0486-585) Wildcat 4X Pro



Main Harness (p/n 0486-586) Wildcat Trail (p/n 0486-587) Wildcat Trail XT/LTD Wildcat Sport XT/LTD

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



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

NOTES