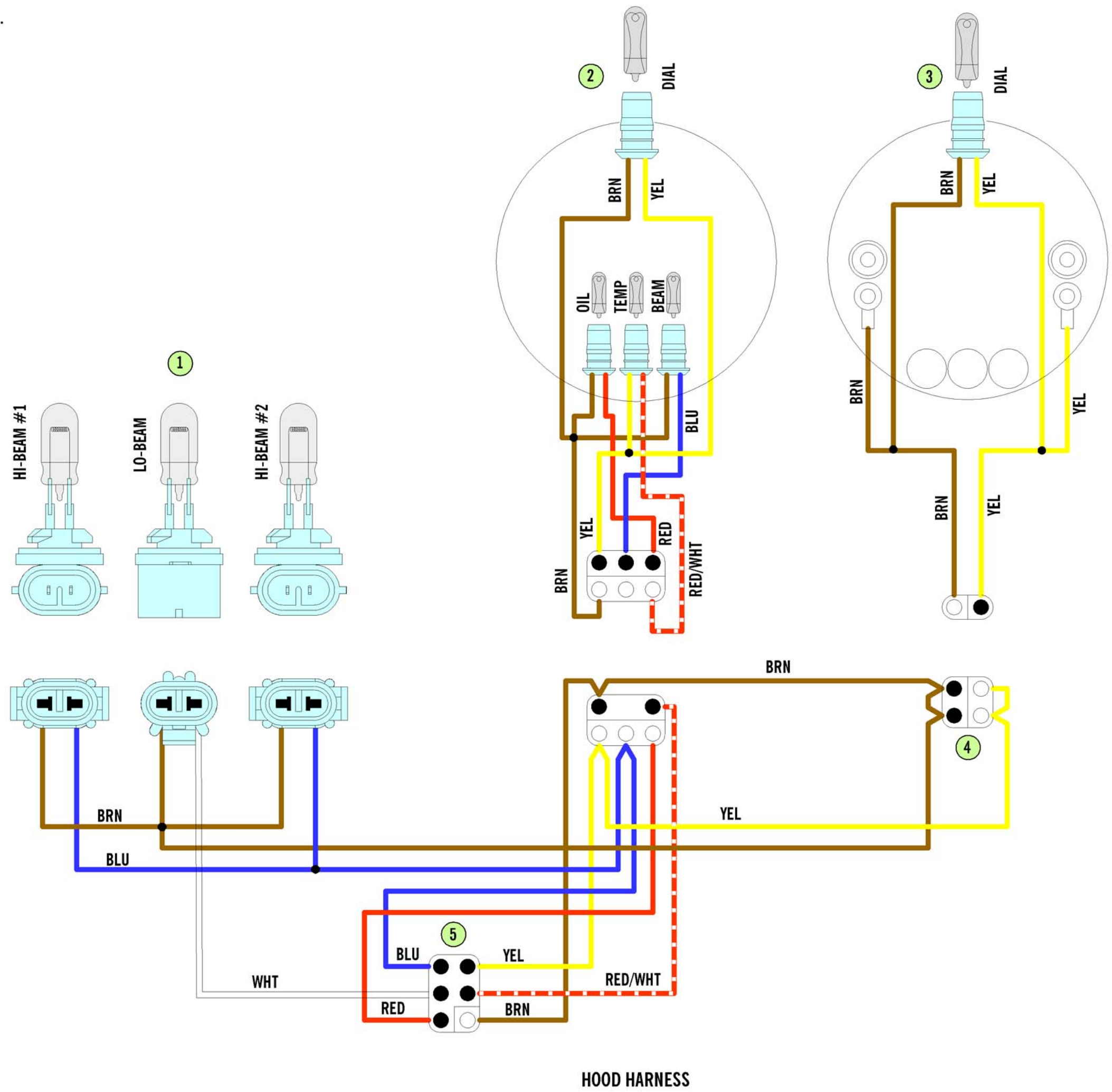
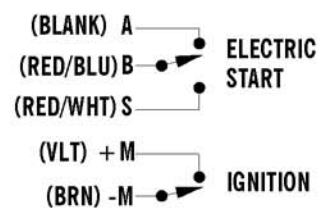
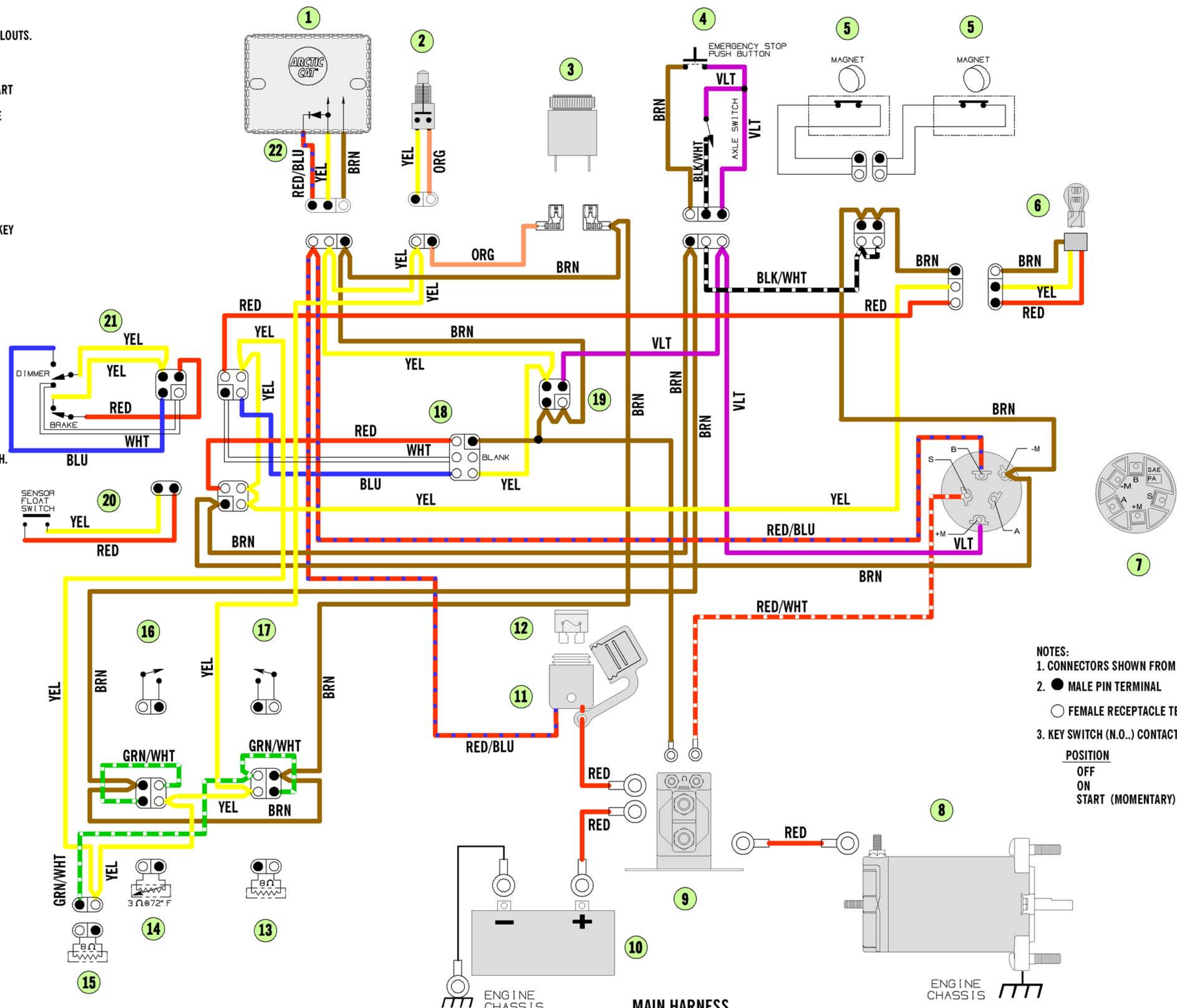


- 1 HEADLIGHT
- 2 SPEEDOMETER
- 3 TACHOMETER
- 4 CONNECTOR, OPTION ACCESSORY
- 5 CONNECTOR, MAIN HARNESS



'02 800 MC  
 '02 600 MC  
 '02 370 Z  
 '02 440 Z  
 '02 570 Z

- 1 REGULATOR, ELECTRIC START
- 2 SWITCH, REVERSE LINKAGE
- 3 ALARM, REVERSE
- 4 SWITCH, STOP/THROTTLE
- 5 SWITCH, CARB.
- 6 TAILLIGHT
- 7 SWITCH, ELECTRIC START KEY
- 8 STARTER
- 9 SOLENOID
- 10 BATTERY, 12V
- 11 FUSE HOLDER
- 12 FUSE, 7.5 AMP
- 13 HANDWARMER, L.H.
- 14 THUMBWARMER
- 15 HANDWARMER, R.H.
- 16 SWITCH, THUMBWARMER
- 17 SWITCH, HANDWARMER-L.H.
- 18 HARNESS, HOOD
- 19 CONNECTOR, ENGINE
- 20 SENSOR, LOW OIL
- 21 SWITCH, DIMMER/BRAKE
- 22 DIODE, CHARGING



NOTES:  
 1. CONNECTORS SHOWN FROM MATING SURFACE SIDE.  
 2. ● MALE PIN TERMINAL  
 ○ FEMALE RECEPTACLE TERMINAL  
 3. KEY SWITCH (N.O..) CONTACT CLOSURES AS FOLLOWS

POSITION	CONTACT
OFF	+ M + -M
ON	B + A
START (MOMENTARY)	B + S

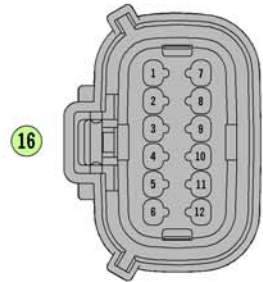


- 1 REGULATOR, ELECTRIC START
- 2 SWITCH, REVERSE-LINKAGE
- 3 ALARM, REVERSE
- 4 SWITCH, CARB. MAGNETIC
- 5 SWITCH, CARB. MAGNETIC
- 6 TAILLIGHT
- 7 SWITCH, ELECTRIC START KEY
- 8 GROUND, ENGINE CHASSIS
- 9 MOTOR, STARTER
- 10 SOLENOID
- 11 BATTERY, 12V
- 12 GROUND, ENGINE CHASSIS
- 13 FUSEHOLDER
- 14 SENSOR, OIL
- 15 CONNECTOR, ACCESSORY
- 16 CONNECTOR, HANDLEBAR HARNESS
- 17 CONNECTOR, HOOD HARNESS
- 18 CONNECTOR, ENGINE

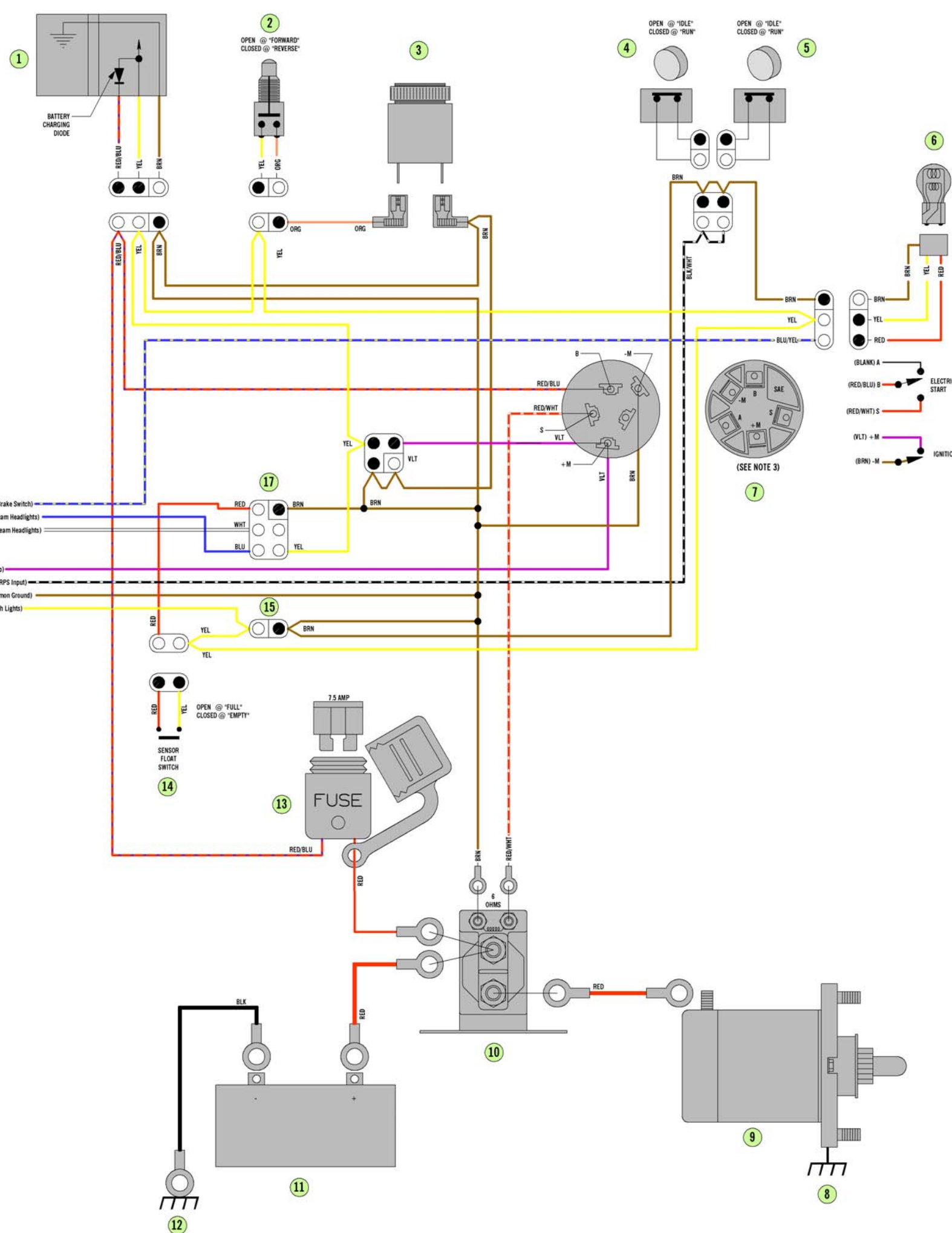
NOTES:

1. CONNECTORS SHOWN FROM MATING SURFACE SIDE.
2. MALE PIN TERMINAL  
FEMALE RECEPTACLE TERMINAL
3. KEY SWITCH (N.O.) CONTACT CLOSURES AS FOLLOWS:

POSITION	CONTACT
OFF	+ M + -M
ON	B + A
START (MOMENTARY)	B + S

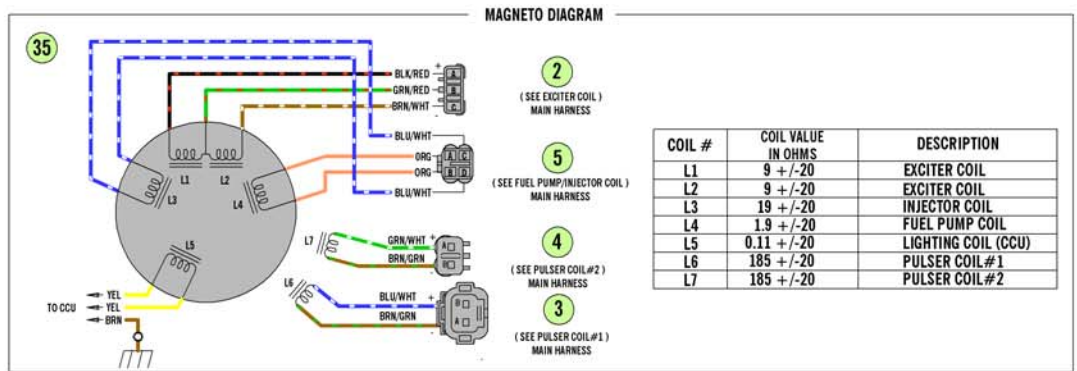
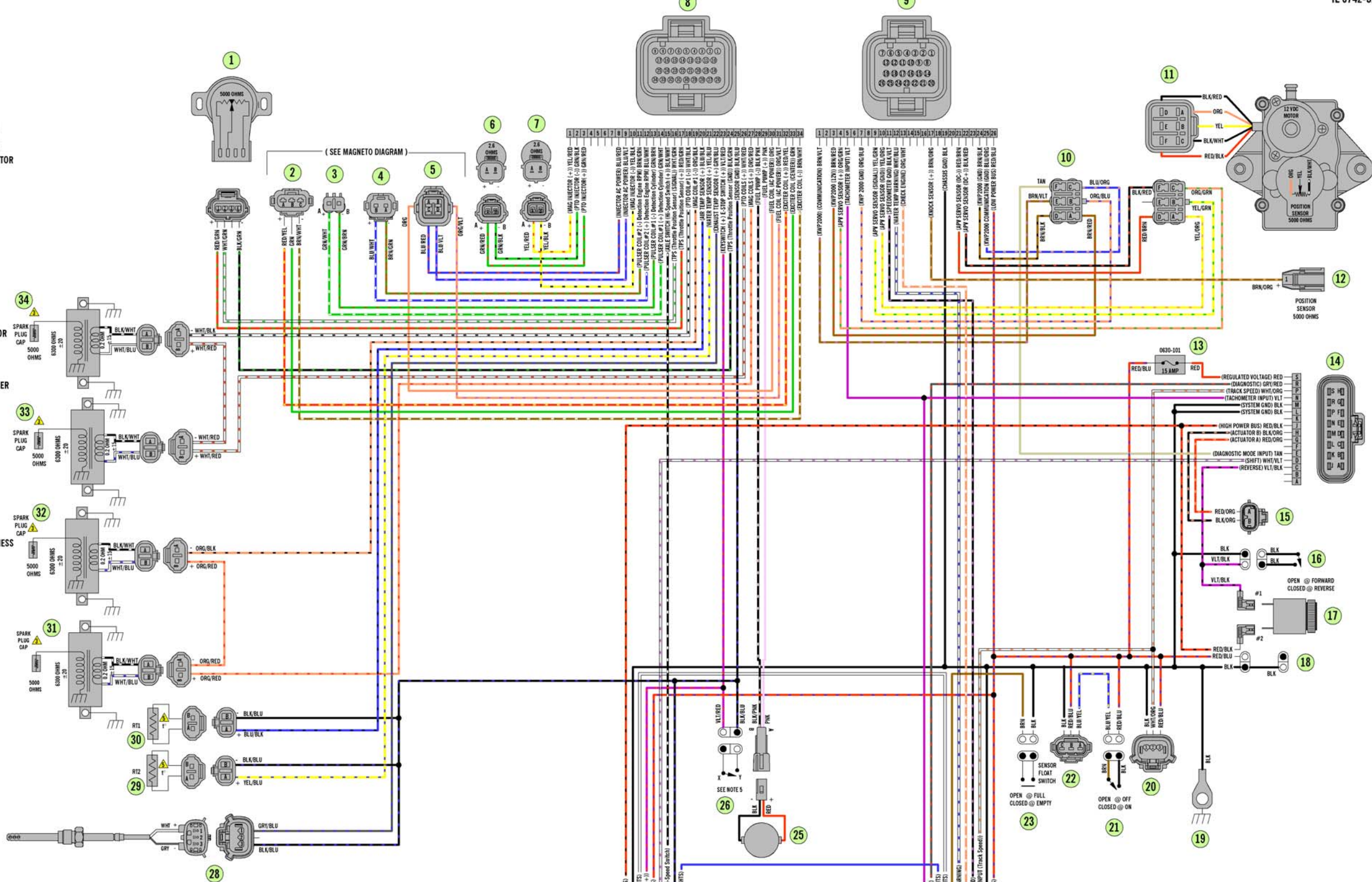


- 12
- 11
- 10
- 9 BLU/YEL (Brake Switch)
- 8 BLU (Hi-Beam Headlights)
- 7 WHT (Lo-Beam Headlights)
- 6
- 5
- 4 VLT (E-Stop)
- 3 BLK/WHT (RPS Input)
- 2 BRN (Common Ground)
- 1 YEL (Switch Lights)





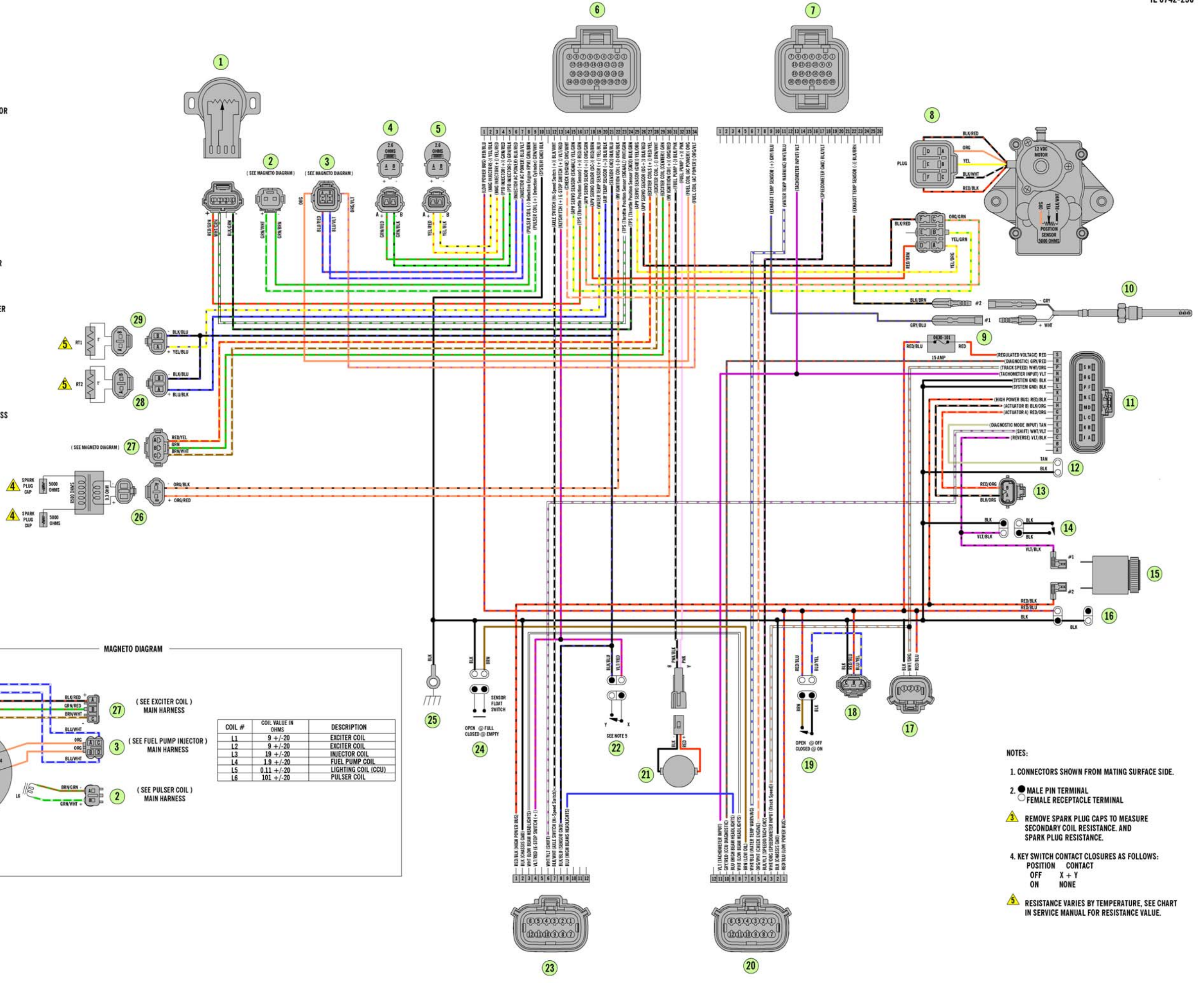
- 1 SENSOR, THROTTLE POSITION
- 2 CONNECTOR, EXCITER COIL
- 3 CONNECTOR, PULSER COIL #1
- 4 CONNECTOR, PULSER COIL #2
- 5 CONNECTOR, FUEL PUMP INJECTOR
- 6 INJECTOR, PTO
- 7 INJECTOR, MAG
- 8 CONNECTOR, ECU #1
- 9 CONNECTOR, ECU #2
- 10 CONNECTOR, DIAGNOSTICS
- 11 SENSOR, SERVO SENSOR
- 12 CONNECTOR, KNOCK SENSOR
- 13 FUSE HOLDER
- 14 CONNECTOR, CCU
- 15 CONNECTOR, REVERSE ACTUATOR
- 16 SWITCH, REVERSE GEAR
- 17 REVERSE ALARM
- 18 CONNECTOR, ACCESSORY/TETHER
- 19 CONNECTOR, CHASSIS GND.
- 20 CONNECTOR, SPEED SWITCH
- 21 SWITCH, BRAKE
- 22 CONNECTOR, TAILLIGHT
- 23 SENSOR, OIL LEVEL
- 24 CONNECTOR, HOOD HARNESS
- 25 CONNECTOR, FUEL PUMP
- 26 SWITCH, KEY
- 27 CONNECTOR, HANDLEBAR HARNESS
- 28 SENSOR, EXHAUST TEMP.
- 29 SENSOR, WATER TEMP.
- 30 SENSOR, AIR TEMP.
- 31 COIL, MAG. #2
- 32 COIL, MAG. #1
- 33 COIL, COIL #2
- 34 COIL, PTO #1
- 35 MAGNETO



- NOTES:
- 1. CONNECTORS SHOWN FROM MATING SURFACE SIDE.
  - 2. MALE PIN TERMINAL
  - 3. FEMALE RECEPTACLE TERMINAL
  - 4. REMOVE SPARK PLUG CAPS TO MEASURE SECONDARY COIL RESISTANCE AND SPARK PLUG RESISTANCE.
  - 5. KEY SWITCH CONTACT CLOSURES AS FOLLOWS:  
POSITION CONTACT  
OFF X + Y  
ON NONE
  - 6. RESISTANCE VARIES BY TEMPERATURE. SEE CHART IN SERVICE MANUAL FOR RESISTANCE VALUE.



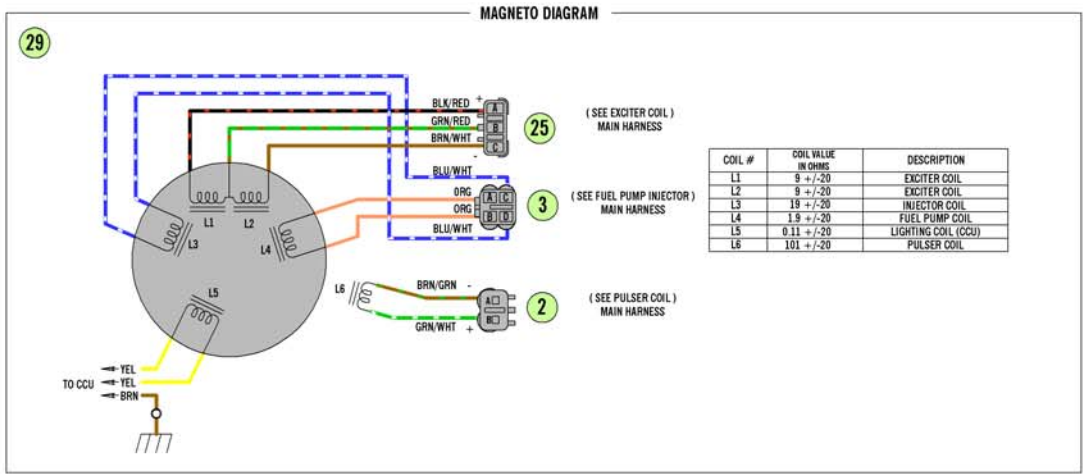
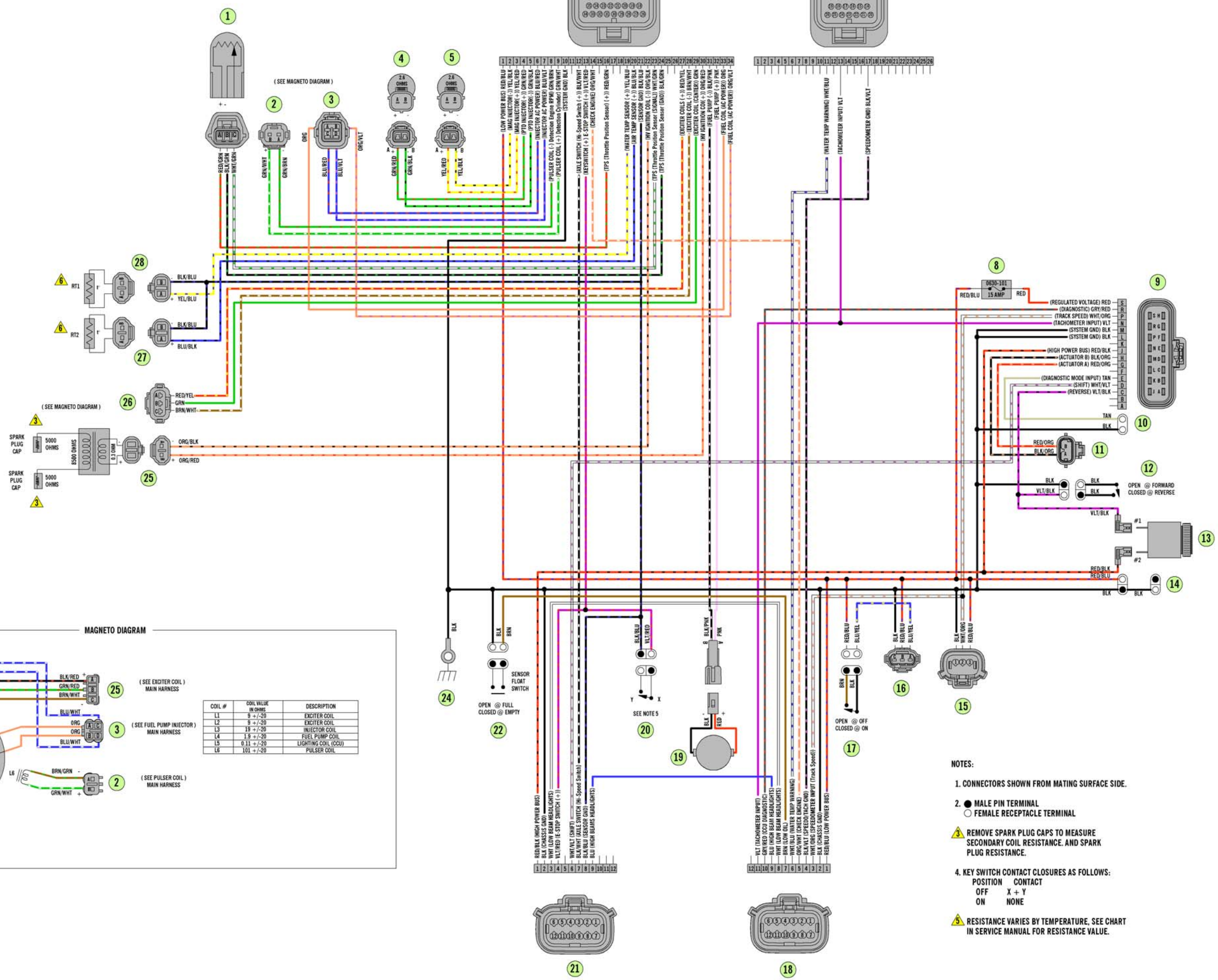
- 1 SENSOR, THROTTLE POSITION
- 2 CONNECTOR, PULSER COIL
- 3 CONNECTOR, FUEL PUMP INJECTOR
- 4 INJECTOR, PTO
- 5 INJECTOR, MAG
- 6 CONNECTOR, ECU #1
- 7 CONNECTOR, ECU #2
- 8 SENSOR, APV SERVO
- 9 FUSEHOLDER
- 10 SENSOR, EXHAUST TEMP.
- 11 CONNECTOR, CCU
- 12 CONNECTOR, DIAGNOSTICS
- 13 CONNECTOR, REVERSE ACTUATOR
- 14 SWITCH, REVERSE GEAR
- 15 REVERSE ALARM
- 16 CONNECTOR, ACCESSORY /TETHER
- 17 CONNECTOR, SPEED SWITCH
- 18 CONNECTOR, TAILLIGHT
- 19 SWITCH, BRAKE
- 20 CONNECTOR, HOOD HARNESS
- 21 PUMP, FUEL
- 22 SWITCH, KEY
- 23 CONNECTOR, HANDLEBAR HARNESS
- 24 SENSOR, OIL LEVEL
- 25 CONNECTOR, CHASSIS GND.
- 26 COIL, HV IGNITION
- 27 COIL, EXCITER
- 28 SENSOR, AIR TEMP.
- 29 SENSOR, WATER TEMP.
- 30 MAGNETO



- NOTES:
1. CONNECTORS SHOWN FROM MATING SURFACE SIDE.
  2. ● MALE PIN TERMINAL  
○ FEMALE RECEPTACLE TERMINAL
  3. REMOVE SPARK PLUG CAPS TO MEASURE SECONDARY COIL RESISTANCE AND SPARK PLUG RESISTANCE.
  4. KEY SWITCH CONTACT CLOSURES AS FOLLOWS:  
POSITION CONTACT  
OFF X + Y  
ON NONE
  5. RESISTANCE VARIES BY TEMPERATURE, SEE CHART IN SERVICE MANUAL FOR RESISTANCE VALUE.

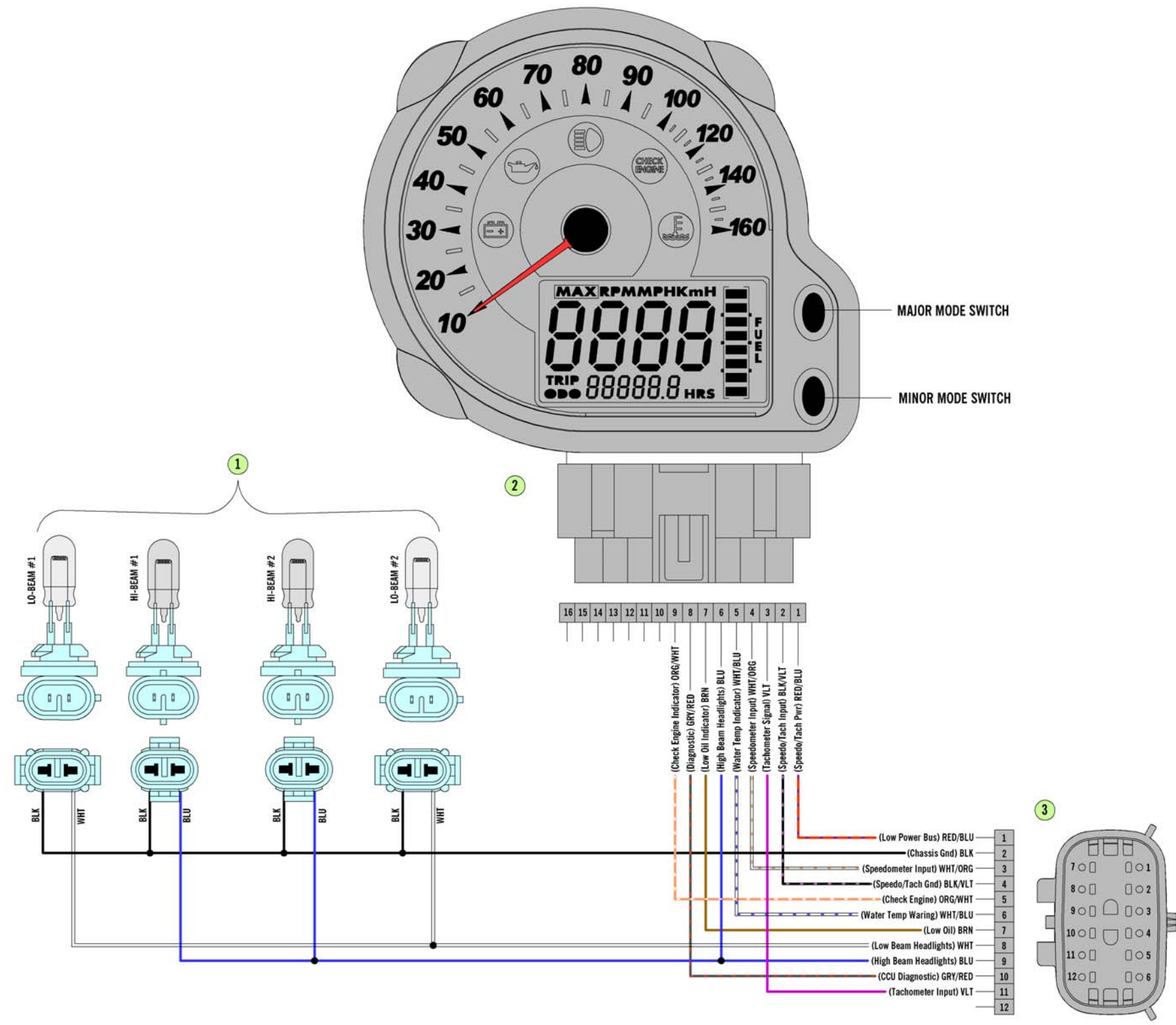


- 1 SENSOR, THROTTLE POSITION
- 2 CONNECTOR, PULSER COIL
- 3 CONNECTOR, FUEL PUMP INJECTOR
- 4 INJECTOR, PTO
- 5 INJECTOR, MAG
- 6 CONNECTOR, ECU #1
- 7 CONNECTOR, ECU #2
- 8 FUSEHOLDER
- 9 CONNECTOR, CCU
- 10 CONNECTOR, DIAGNOSTICS
- 11 CONNECTOR, REVERSE ACTUATOR
- 12 SWITCH, REVERSE GEAR
- 13 REVERSE ALARM
- 14 CONNECTOR, ACCESSORY /TETHER
- 15 CONNECTOR, SPEED SWITCH
- 16 CONNECTOR, TAILLIGHT
- 17 SWITCH, BRAKE
- 18 CONNECTOR, HOOD HARNESS
- 19 PUMP, FUEL
- 20 SWITCH, KEY
- 21 CONNECTOR, HANDLEBAR HARNESS
- 22 SENSOR, OIL LEVEL
- 23 CONNECTOR, CHASSIS GND.
- 24 COIL, HV IGNITION
- 25 COIL, EXCITER
- 26 SENSOR, AIR TEMP.
- 27 SENSOR, WATER TEMP.
- 28 MAGNETO



- NOTES:**
1. CONNECTORS SHOWN FROM MATING SURFACE SIDE.
  2. ● MALE PIN TERMINAL  
○ FEMALE RECEPTACLE TERMINAL
  3. REMOVE SPARK PLUG CAPS TO MEASURE SECONDARY COIL RESISTANCE, AND SPARK PLUG RESISTANCE.
  4. KEY SWITCH CONTACT CLOSURES AS FOLLOWS:  
POSITION CONTACT  
OFF X + Y  
ON NONE
  5. RESISTANCE VARIES BY TEMPERATURE, SEE CHART IN SERVICE MANUAL FOR RESISTANCE VALUE.

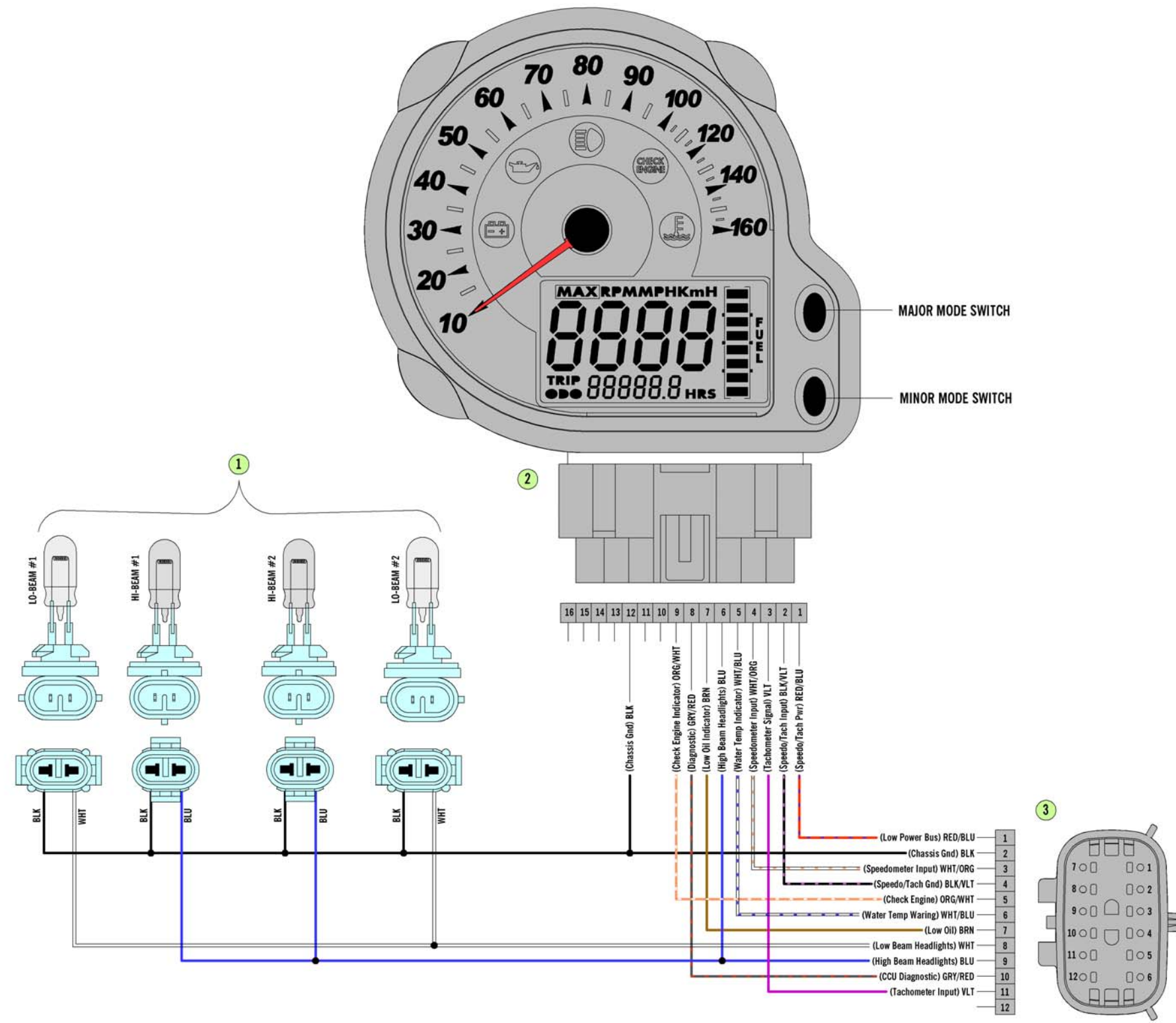
- 1 HEADLIGHTS
- 2 SPEEDO/TACH
- 3 CONNECTOR, MAIN HARNESS



NOTES:  
1. CONNECTORS SHOWN FROM MATING SURFACE SIDE.



- 1 HEADLIGHTS
- 2 SPEEDO/TACH
- 3 CONNECTOR, MAIN HARNESS

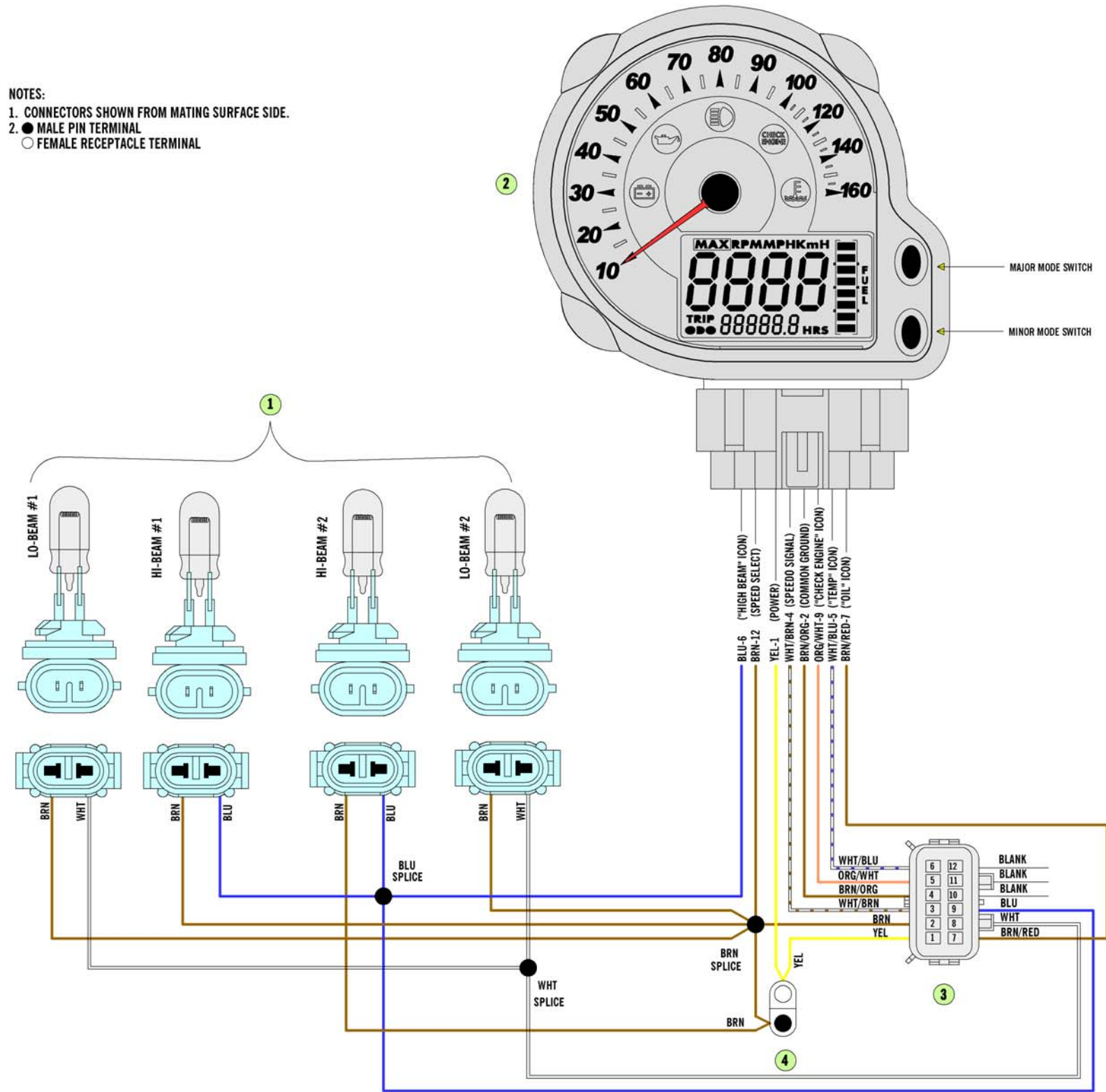


NOTES:  
1. CONNECTORS SHOWN FROM MATING SURFACE SIDE.



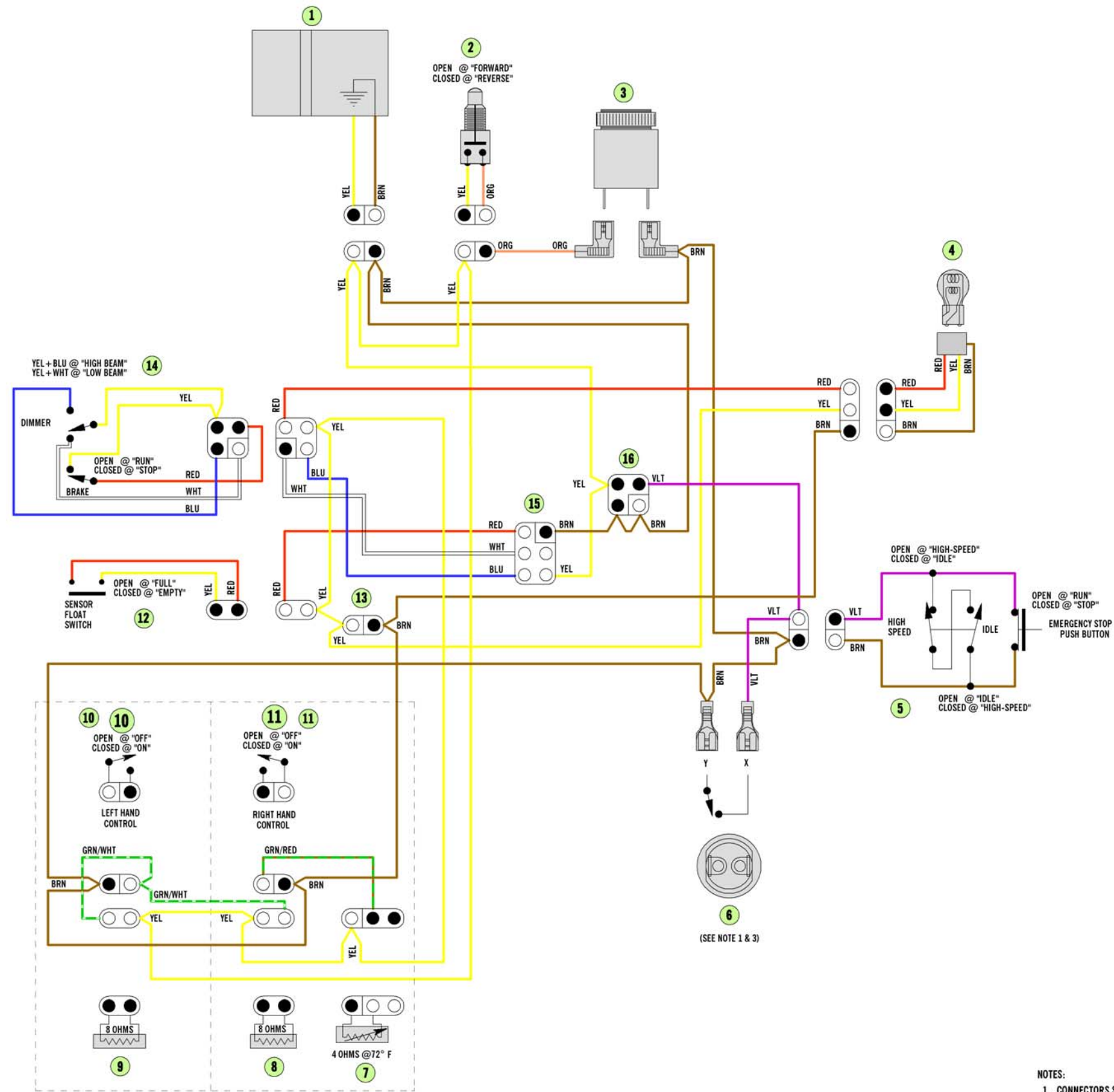
- ① HEADLIGHTS
- ② SPEED/TACH
- ③ CONNECTOR, MAIN HARNESS
- ④ CONNECTOR, ACCESSORY

NOTES:  
 1. CONNECTORS SHOWN FROM MATING SURFACE SIDE.  
 2. ● MALE PIN TERMINAL  
 ○ FEMALE RECEPTACLE TERMINAL



IL 0739-972

- 1 REGULATOR
- 2 SWITCH, REVERSE-LINKAGE
- 3 ALARM, REVERSE
- 4 TAILLIGHT
- 5 SWITCH, STOP/THROTTLE
- 6 SWITCH, MANUAL KEY
- 7 ELEMENT, THUMBWARMER
- 8 ELEMENT, R. HANDWARMER
- 9 ELEMENT, L. HANDWARMER
- 10 SWITCH, HANDWARMER
- 11 SWITCH, THUMBWARMER
- 12 SENSOR, OIL
- 13 CONNECTOR, ACCESSORY
- 14 SWITCH, DIMMER/BRAKE
- 15 CONNECTOR, HOOD HARNESS
- 16 CONNECTOR, ENGINE

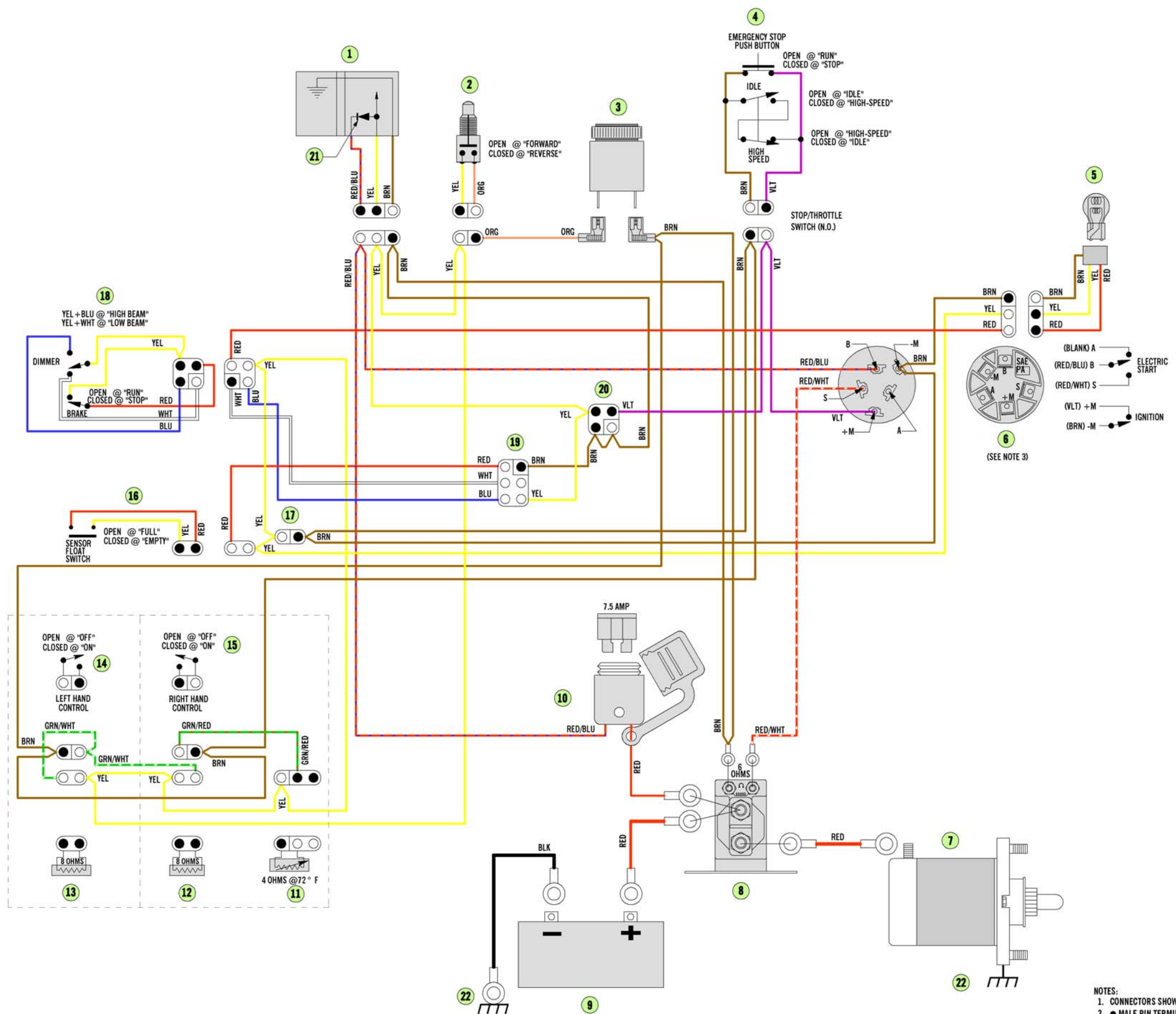


- NOTES:
- 1. CONNECTORS SHOWN FROM MATING SURFACE SIDE.
  - 2. ● MALE PIN TERMINAL  
○ FEMALE RECEPTACLE TERMINAL
  - 3. KEY SWITCH (N.O.) CONTACT CLOSURES AS FOLLOWS:
- | POSITION | CONTACT |
|----------|---------|
| OFF      | X+Y     |
| ON       | NONE    |



IL 0739-904

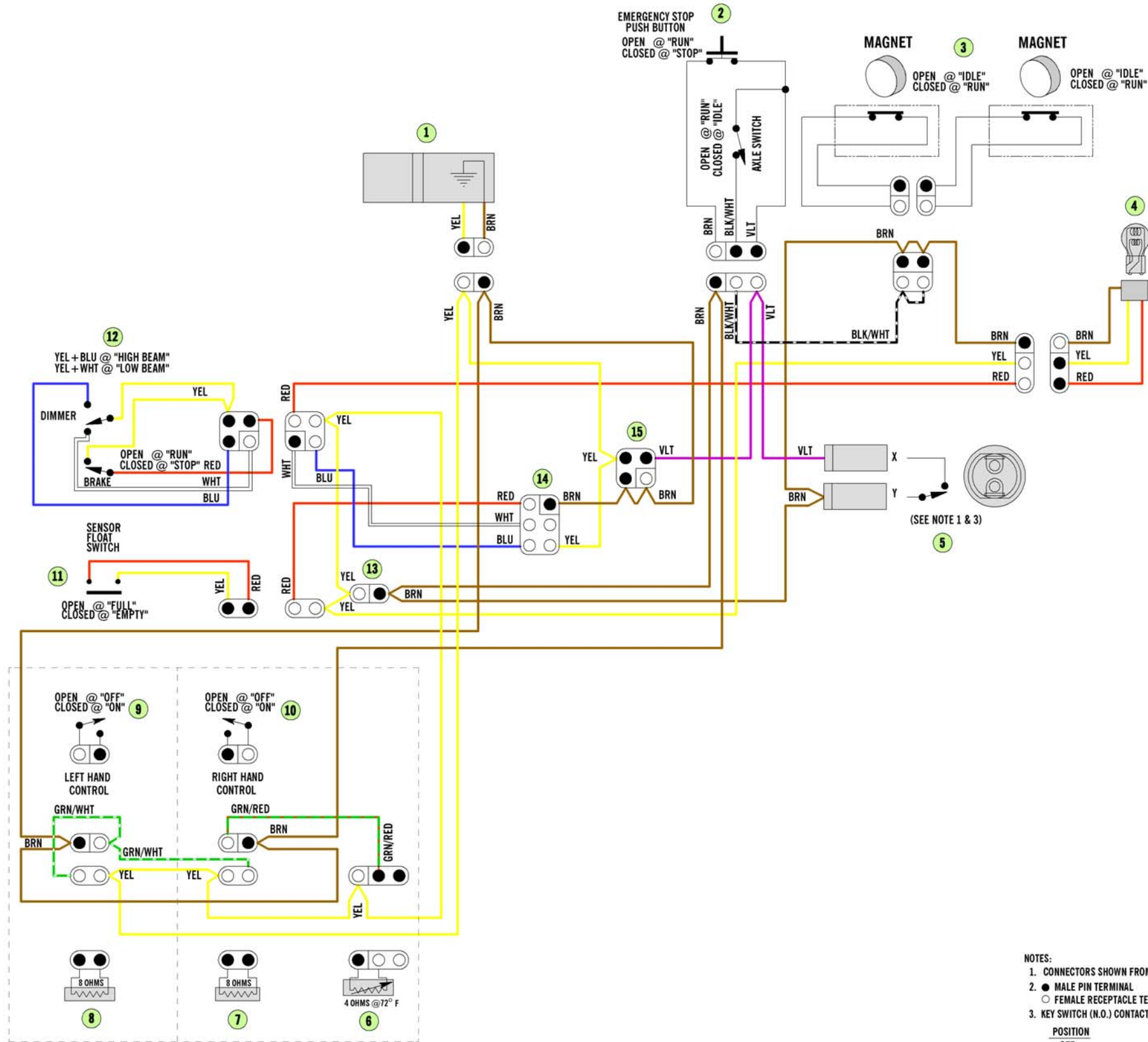
- 1 REGULATOR, ELECTRIC START
- 2 SWITCH, REVERSE-LINKAGE
- 3 ALARM, REVERSE
- 4 SWITCH, STOP/THROTTLE
- 5 TAILLIGHT
- 6 SWITCH, ELECTRIC START KEY
- 7 STARTER
- 8 SOLENOID
- 9 BATTERY, 12V
- 10 FUSEHOLDER
- 11 ELEMENT, THUMBWARMERS
- 12 ELEMENT, HANDWARMER
- 13 ELEMENT, HANDWARMER
- 14 SWITCH, HANDWARMERS
- 15 SWITCH, THUMBWARMER
- 16 SENSOR, OIL
- 17 CONNECTOR, ACCESSORY
- 18 SWITCH, DIMMER/BRAKE
- 19 CONNECTOR, HOOD HARNESS
- 20 CONNECTOR, ENGINE
- 21 DIODE, BATTERY CHARGING
- 22 GROUND, ENGINE CHASSIS



NOTES:  
 1. CONNECTORS SHOWN FROM MATING SURFACE SIDE.  
 2. ● MALE PIN TERMINAL  
 ○ FEMALE RECEPTACLE TERMINAL  
 3. KEY SWITCH (N.O.) CONTACT CLOSURES AS FOLLOWS:

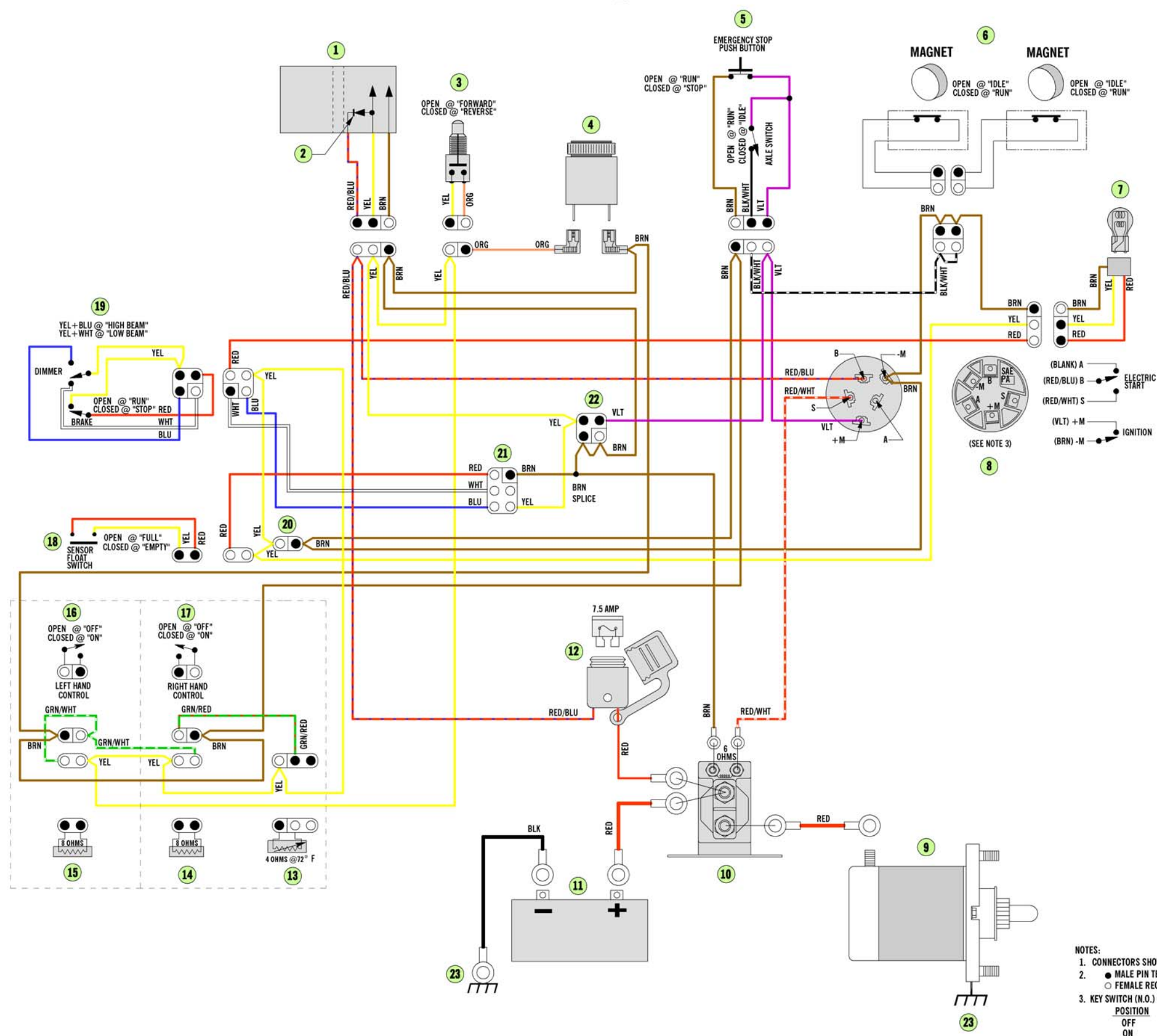
POSITION	CONTACT
OFF	+M + -M
ON	B + A
START (MOMENTARY)	B + S

- 1 REGULATOR
- 2 SWITCH, STOP/THOTLE
- 3 SWITCH, CARB. MAGNETS
- 4 TAILLIGHT
- 5 SWITCH, MANUAL KEY
- 6 ELEMENT, THUMBWARMER
- 7 ELEMENT, HANDWARMER
- 8 ELEMENT, HANDWARMER
- 9 SWITCH, HANDWARMERS
- 10 SWITCH, THUMBWARMER
- 11 SENSOR, OIL
- 12 SWITCH, DIMMER/BRAKE
- 13 CONNECTOR, ACCESSORY
- 14 CONNECTOR, HOOD HARNESS
- 15 CONNECTOR, ENGINE



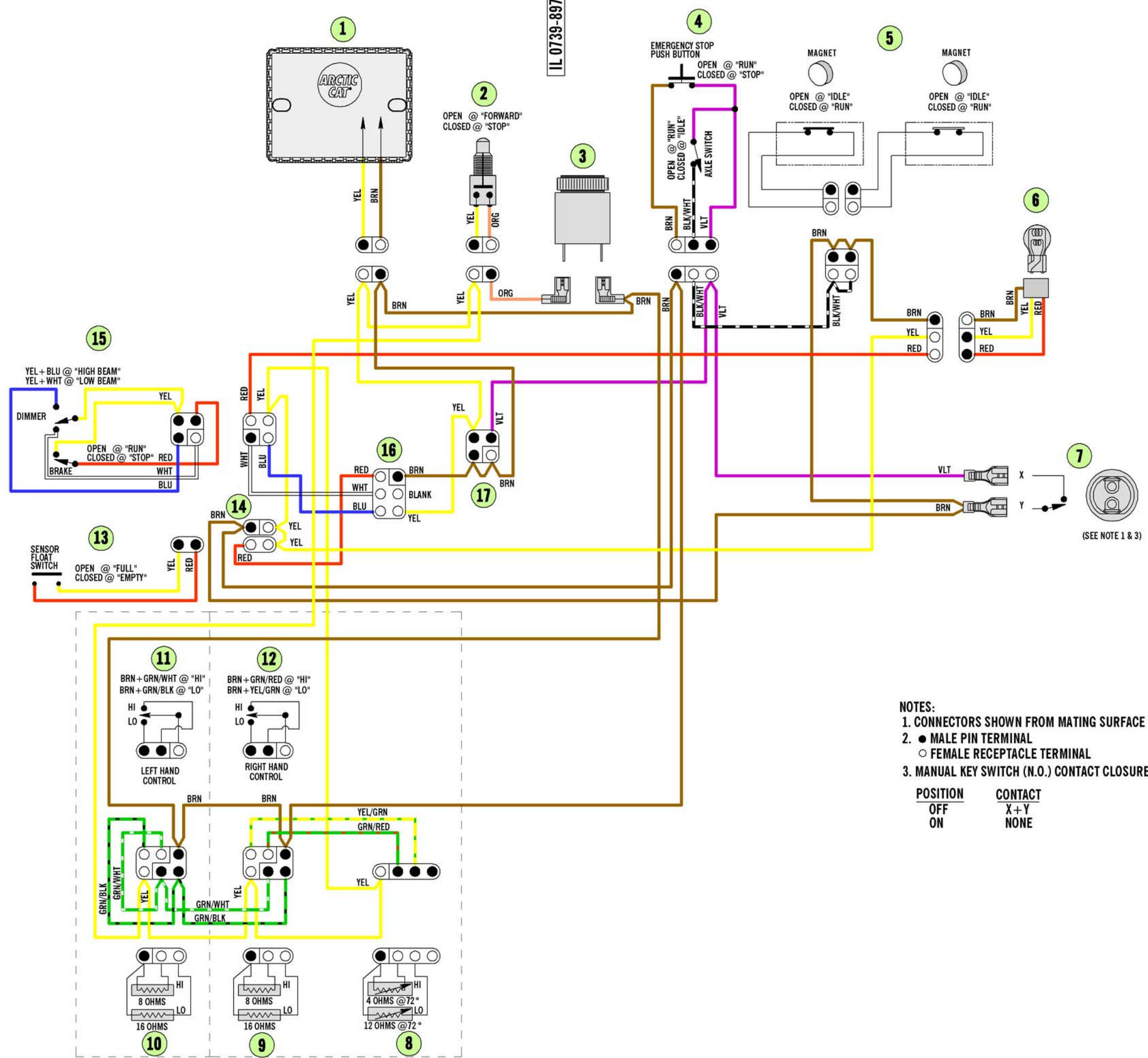


- 1 REGULATOR, ELECTRIC START
- 2 DIODE, BATTERY CHARGING
- 3 SWITCH, REVERSE-LINKAGE
- 4 ALARM, REVERSE
- 5 SWITCH, STOP/THROTTLE
- 6 SWITCH, CARB. MAGNETS
- 7 TAILLIGHT
- 8 SWITCH, ELECTRIC START KEY
- 9 STARTER
- 10 SOLENOID
- 11 BATTERY, 12V
- 12 FUSEHOLDER
- 13 ELEMENT, THUMBWARMER
- 14 ELEMENT, R. HANDWARMER
- 15 ELEMENT, L. HANDWARMER
- 16 SWITCH, HANDWARMER
- 17 SWITCH, THUMBWARMER
- 18 SENSOR, OIL
- 19 SWITCH, DIMMER/BRAKE
- 20 CONNECTOR, ACCESSORY
- 21 CONNECTOR, HOOD HARNESS
- 22 CONNECTOR, ENGINE
- 23 GROUND, ENGINE CHASSIS



- NOTES:
1. CONNECTORS SHOWN FROM MATING SURFACE SIDE.
  2. ● MALE PIN TERMINAL  
○ FEMALE RECEPTACLE TERMINAL
  3. KEY SWITCH (N.O.) CONTACT CLOSURES AS FOLLOWS:
- | POSITION          | CONTACT   |
|-------------------|-----------|
| OFF               | + M + - M |
| ON                | B + A     |
| START (MOMENTARY) | B + S     |

- 1 REGULATOR
- 2 SWITCH, REVERSE-LINKAGE
- 3 ALARM, REVERSE
- 4 SWITCH, STOP/THROTTLE
- 5 SWITCH, CARB. MAGNETS
- 6 TAILLIGHT
- 7 SWITCH, MANUAL KEY
- 8 ELEMENT, THUMBWARMER
- 9 ELEMENT, R. HANDWARMER
- 10 ELEMENT, L. HANDWARMER
- 11 SWITCH, HANDWARMER
- 12 SWITCH, THUMBWARMER
- 13 SENSOR, OIL
- 14 CONNECTOR, ACESSORY
- 15 SWITCH, DIMMER/BRAKE
- 16 CONNECTOR, HOOD HARNESS
- 17 CONNECTOR, ENGINE



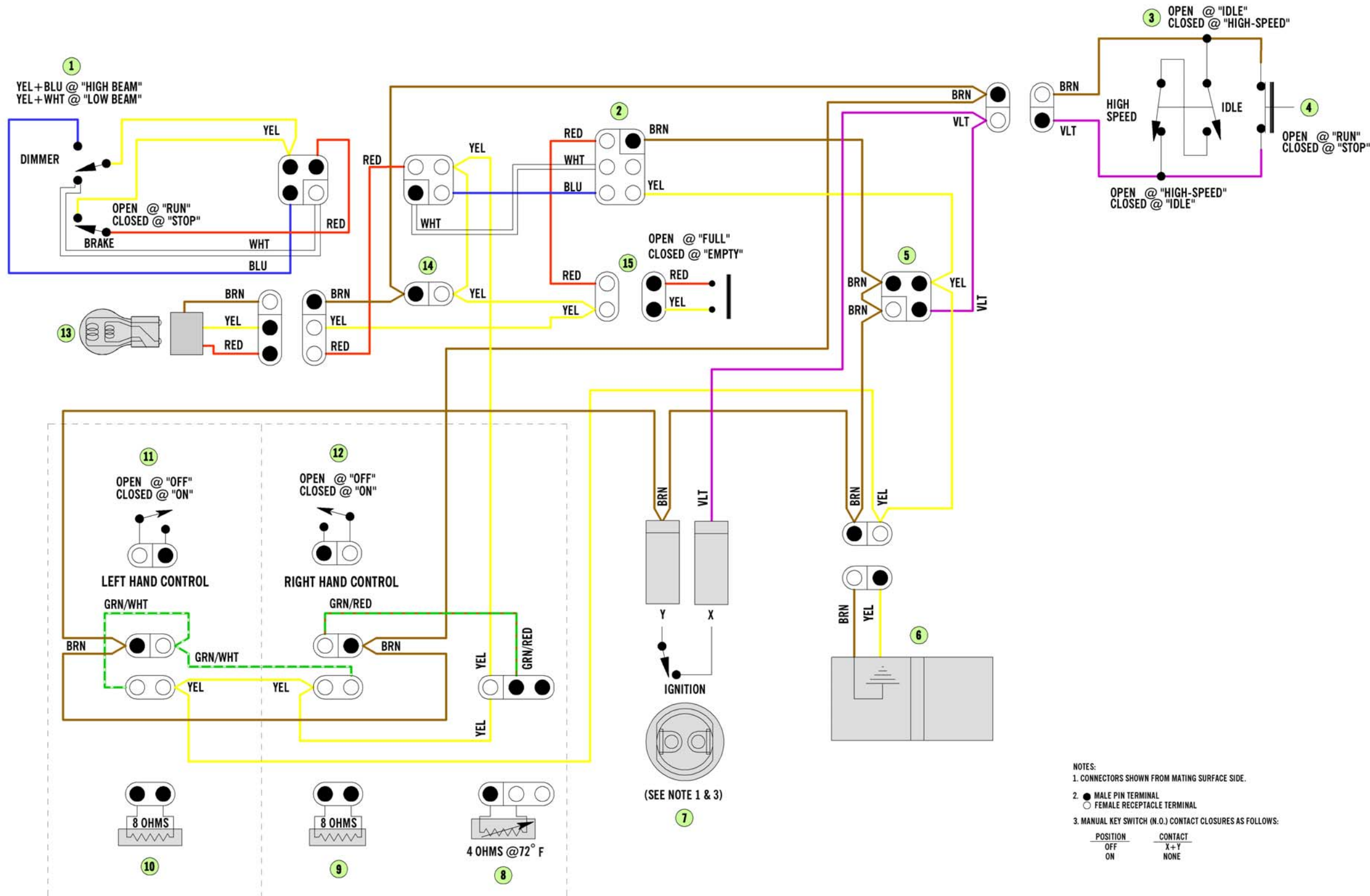
NOTES:  
 1. CONNECTORS SHOWN FROM MATING SURFACE SIDE.  
 2. ● MALE PIN TERMINAL  
 ○ FEMALE RECEPTACLE TERMINAL  
 3. MANUAL KEY SWITCH (N.O.) CONTACT CLOSURES AS FOLLOWS:

POSITION	CONTACT
OFF	X+Y
ON	NONE



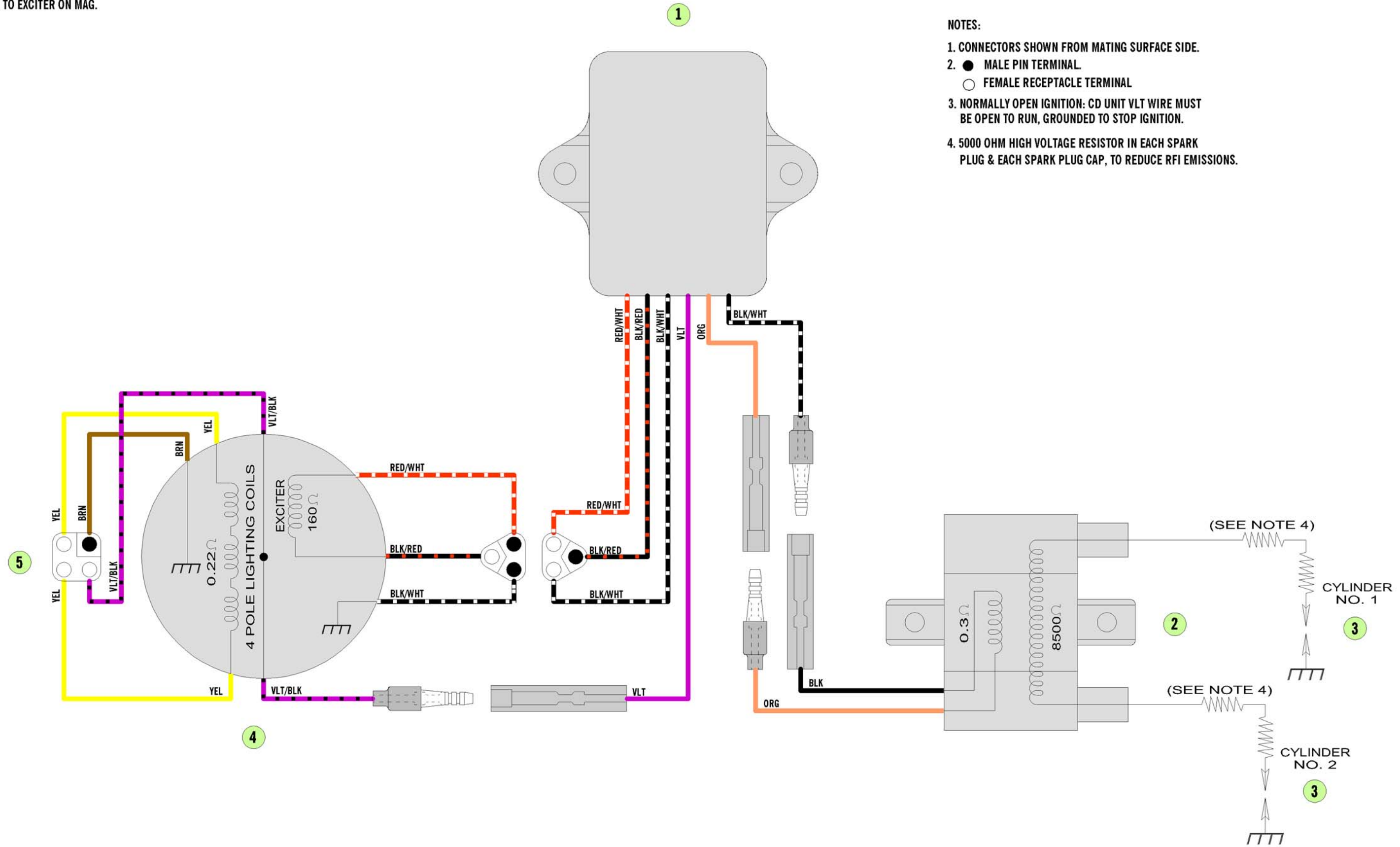
IL 0739-878

- 1 SWITCH, DIMMER/BRAKE
- 2 CONNECTOR, HOOD HARNESS
- 3 SWITCH, STOP/THROTTLE
- 4 BUTTON, EMERGENCY STOP PUSH
- 5 CONNECTOR, ENGINE
- 6 REGULATOR
- 7 SWITCH, MANUAL KEY
- 8 ELEMENT, THUMBWARMER
- 9 ELEMENT, R. HANDWARMER
- 10 ELEMENT, L. HANDWARMER
- 11 SWITCH, L. HANDWARMER
- 12 SWITCH, R. THUMBWARMER
- 13 TAILLIGHT
- 14 CONNECTOR, ACCESSORY
- 15 SENSOR, OIL



RAP 12/6/01  
 JLB 07-29-02 ECN: ADDED LINE COLOR CALLOUTS.  
 JLB 12-06-05 ECN: ENG. TXT CHNG.  
 JLB 12-13-06 ECN: REV.'D CHARGE TO EXCITER ON MAG.

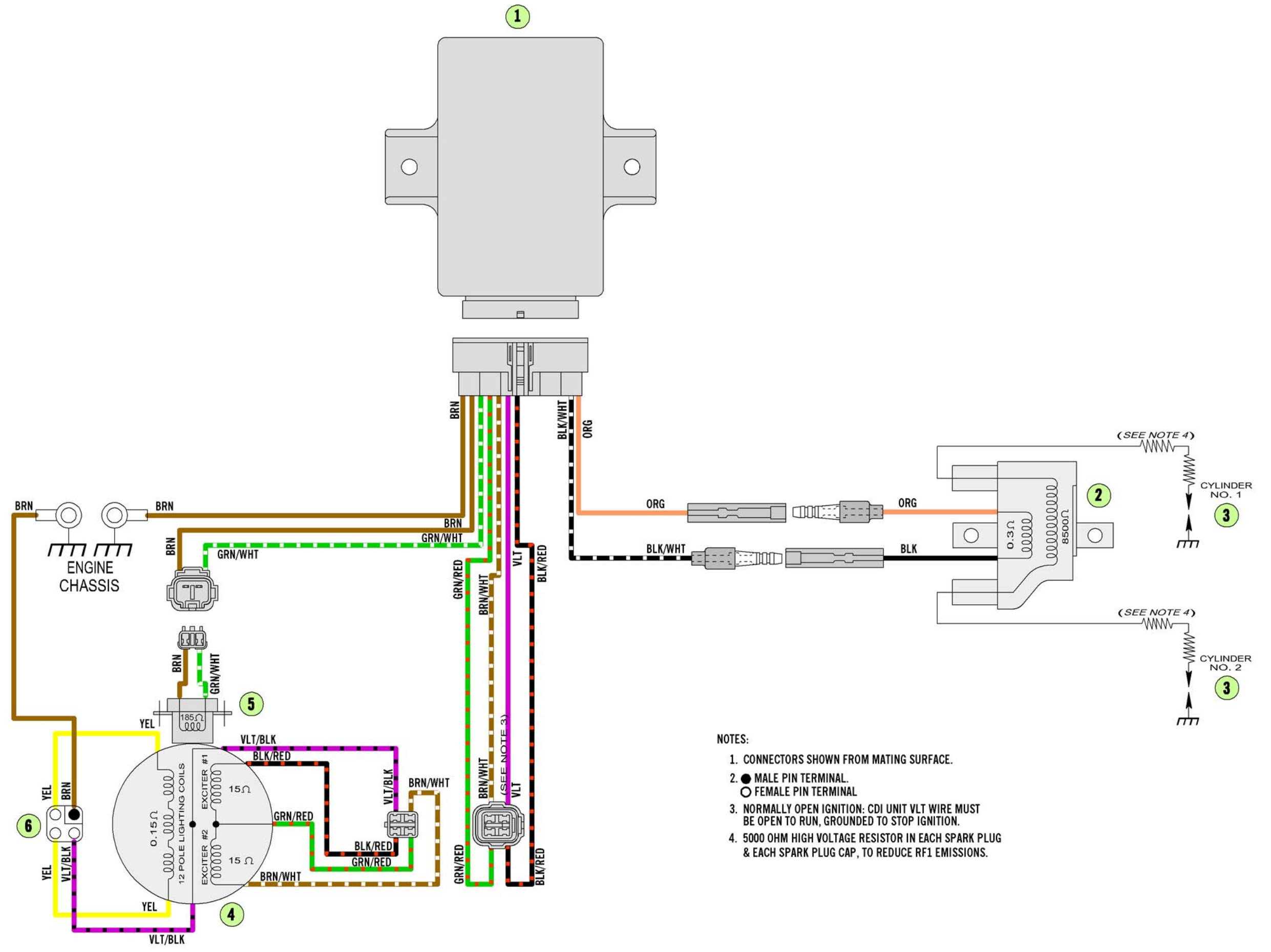
- 1 CDI
- 2 COIL, IGNITION
- 3 PLUG, SPARK
- 4 STATOR/FLYWHEEL, ENGINE
- 5 CONNECTOR, MAIN HARNESS



IGNITION COMPONENT WIRING  
 (REF. INDIVIDUAL PART MANUALS FOR COMPONENT PART NUMBERS.)



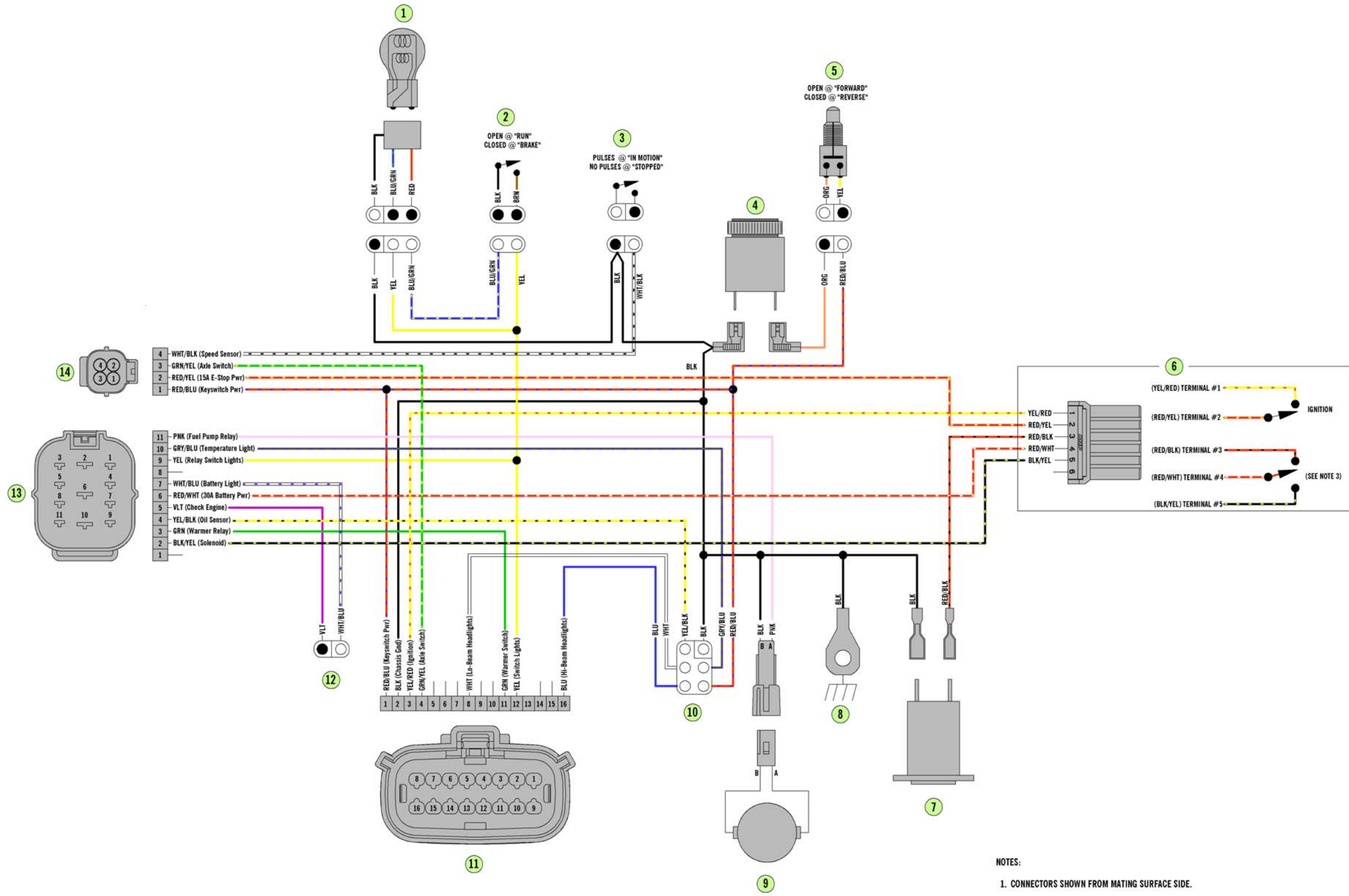
- 1 CDI
- 2 COIL, IGNITION
- 3 PLUG, SPARK
- 4 STATOR/FLYWHEEL, ENGINE
- 5 SENSOR, TIMING
- 6 CONNECTOR, MAIN HARNESS



- NOTES:
1. CONNECTORS SHOWN FROM MATING SURFACE.
  2. ● MALE PIN TERMINAL.  
○ FEMALE PIN TERMINAL
  3. NORMALLY OPEN IGNITION: CDI UNIT VLT WIRE MUST BE OPEN TO RUN, GROUNDED TO STOP IGNITION.
  4. 5000 OHM HIGH VOLTAGE RESISTOR IN EACH SPARK PLUG & EACH SPARK PLUG CAP, TO REDUCE RF1 EMISSIONS.

IGNITION HARNESS

- 1 TAILLIGHT
- 2 SWITCH, BRAKE
- 3 SWITCH, SPEED
- 4 ALARM, REVERSE
- 5 SWITCH, REVERSE
- 6 SWITCH, ELECTRIC START
- 7 RECEPTICAL, 12 VOLT ACCESSORY
- 8 CONNECTOR, BATTERY GROUND
- 9 PUMP, FUEL
- 10 CONNECTOR, HOOD HARNESS #65
- 11 CONNECTOR, HANDLEBAR HARNESS
- 12 CONNECTOR, HOOD HARNESS #21
- 13 CONNECTOR, EFI HARNESS #2
- 14 CONNECTOR, EFI HARNESS #1



NOTES:

- CONNECTORS SHOWN FROM MATING SURFACE SIDE.
- MALE PIN TERMINAL  
○ FEMALE RECIPTACLE TERMINAL
- KEY SWITCH (N.C.) CONTACT CLOSURE AS FOLLOWS: