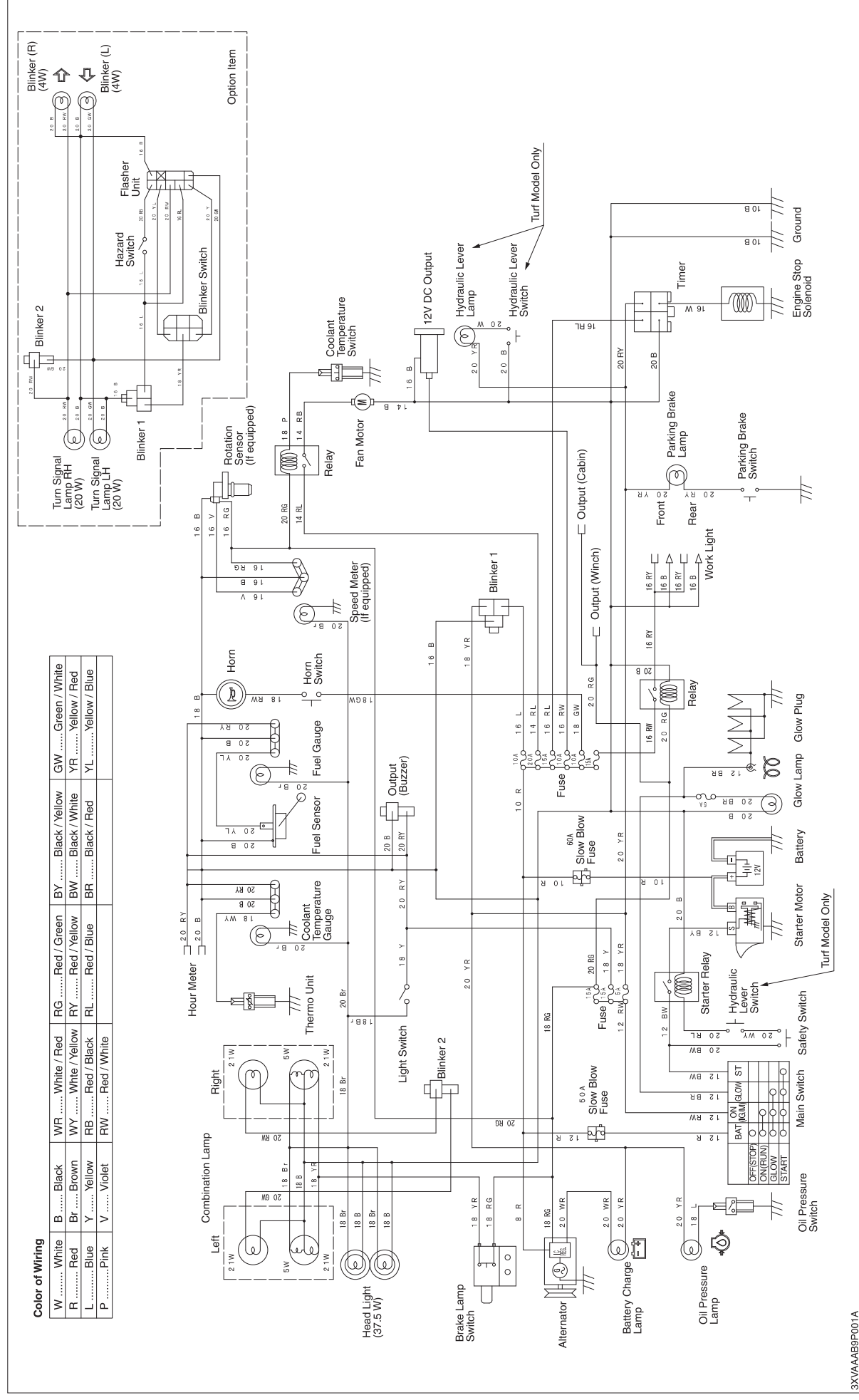
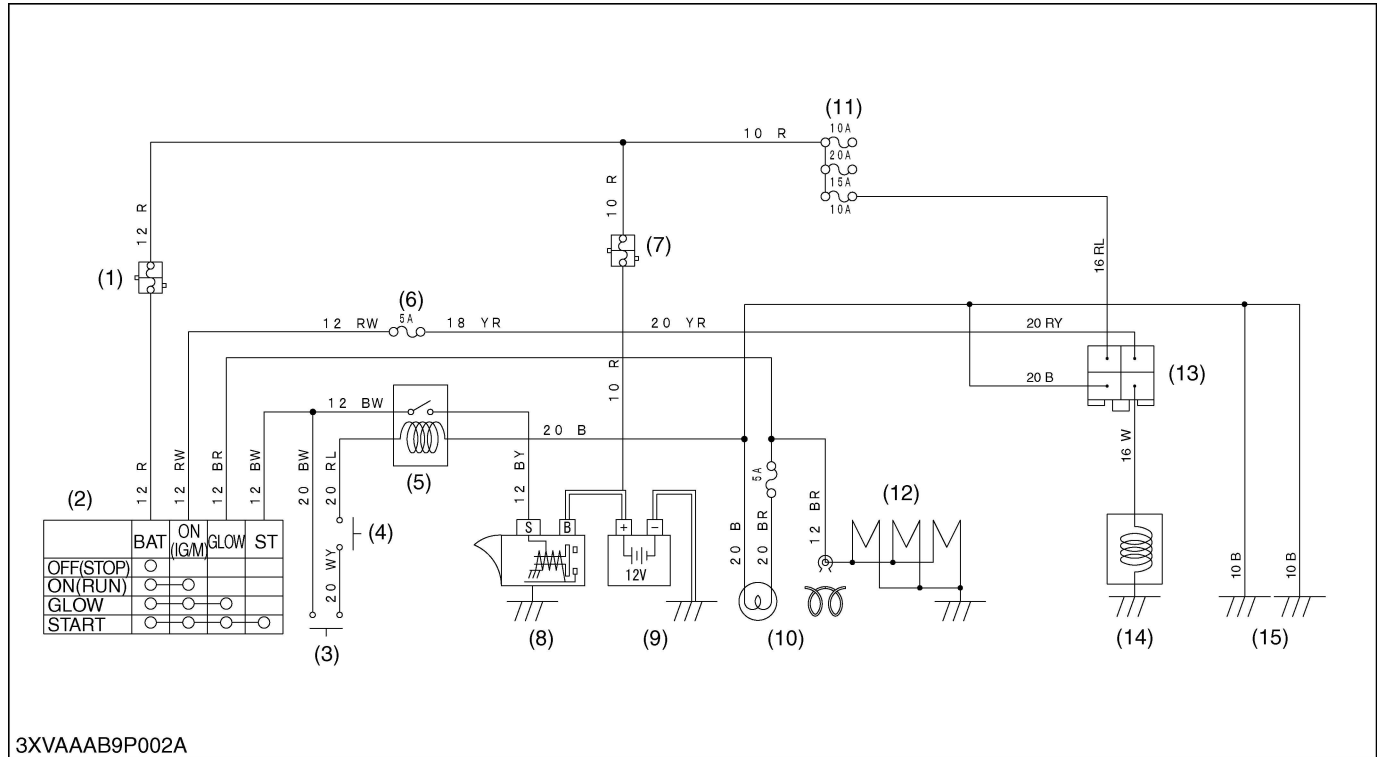


## 1. WIRING DIAGRAM



## 2. STARTING SYSTEM



- |   |                           |                |                           |
|---|---------------------------|----------------|---------------------------|
| (1) Slow Blow Fuse (50 A)                       | (5) Starter Relay         | (9) Battery    | (13) Timer                |
| (2) Main Switch                                 | (6) Fuse                  | (10) Glow Lamp | (14) Engine Stop Solenoid |
| (3) Safety Switch                               | (7) Slow Blow Fuse (60 A) | (11) Fuse      | (15) Ground               |
| (4) Hydraulic Lever Switch<br>(Turf Model Only) | (8) Starter Motor         | (12) Glow Plug |                           |

When the main switch is turned to the **PREHEAT** position, the terminal **BAT** is connected to the terminals **GLOW** and **ON**. The glow plugs become red-hot, and the preheat indicator lamp also lights on while preheating.

When the main switch is then turned to the **START** position with the safety switches on, the terminal **BAT** is connected to the terminals **ST** and **ON**. Consequently, battery current flows to the starter motor and start the engine.

The main switch automatically returns to the **ON** position, the terminal **BAT** is connected only to the terminal **ON**, thereby causing the starting circuit to be opened, stopping the starter motor.

When the main switch turned from the **ON** position to the **OFF** position, the fuel cut-off solenoid moves the fuel injection pump control rack to the “**No Fuel Injection**” position and stop the engine.