

SIMPLICITY	
7800936 (CE)	
7800953	

SNAPPER	
7800952	
7800974 (CE)	
7800935 (CE)	

Not for
Reproduction

(CE-Export)

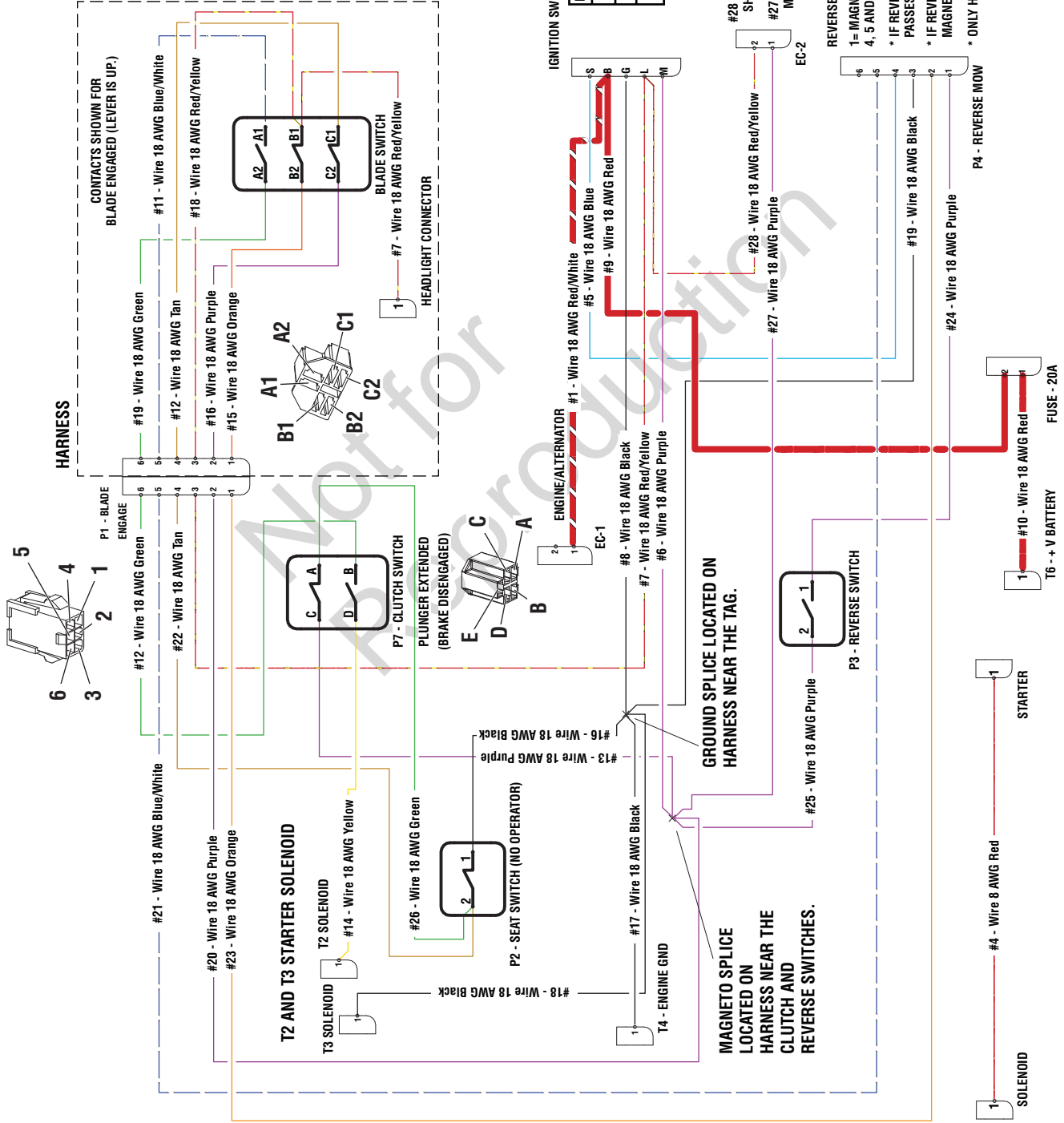
CHARGING CIRCUIT

OPERATION NOTES:

- Position 1 of ignition switch (engine shut-off): Ground (#8 wire) to the magneto wire (#6 wire)
- Position 2 of ignition switch (accessory/run):
 - Power to the fuel shut-off solenoid (#28 wire).
 - If the blade is engaged (#7 wire), then power is applied to the reverse mow switch feature (#23 wire and see that feature for further info).
- Position 3 of ignition switch (crank):
 - Power to the reverse mow switch (#5 wire).
 - If RMO key is installed, it will then send power to the blade engagement switch (#21 wire).
 - If the blade is disengaged and the vehicle has the park brake engage, the vehicle will start (#12 & #14 wires).
- Driving & operator leaves the seat:

From the splice for the magneto, wire #13 goes to the park brake switch, if disengaged then goes to the seat switch (#26 wire). The seat switch will ground the magneto (#16 wire).
- Blade engaged and operator leaves the seat:

From the splice for the magneto, wire #20 goes to the blade engagement switch, if on then wire #22 has the magneto signal which then goes to the seat switch. Seat switch will ground the magneto (#16 wire).



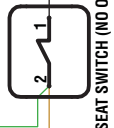
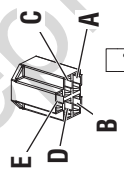
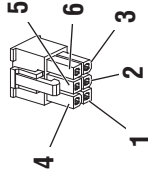
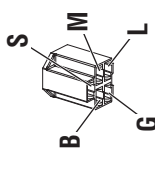
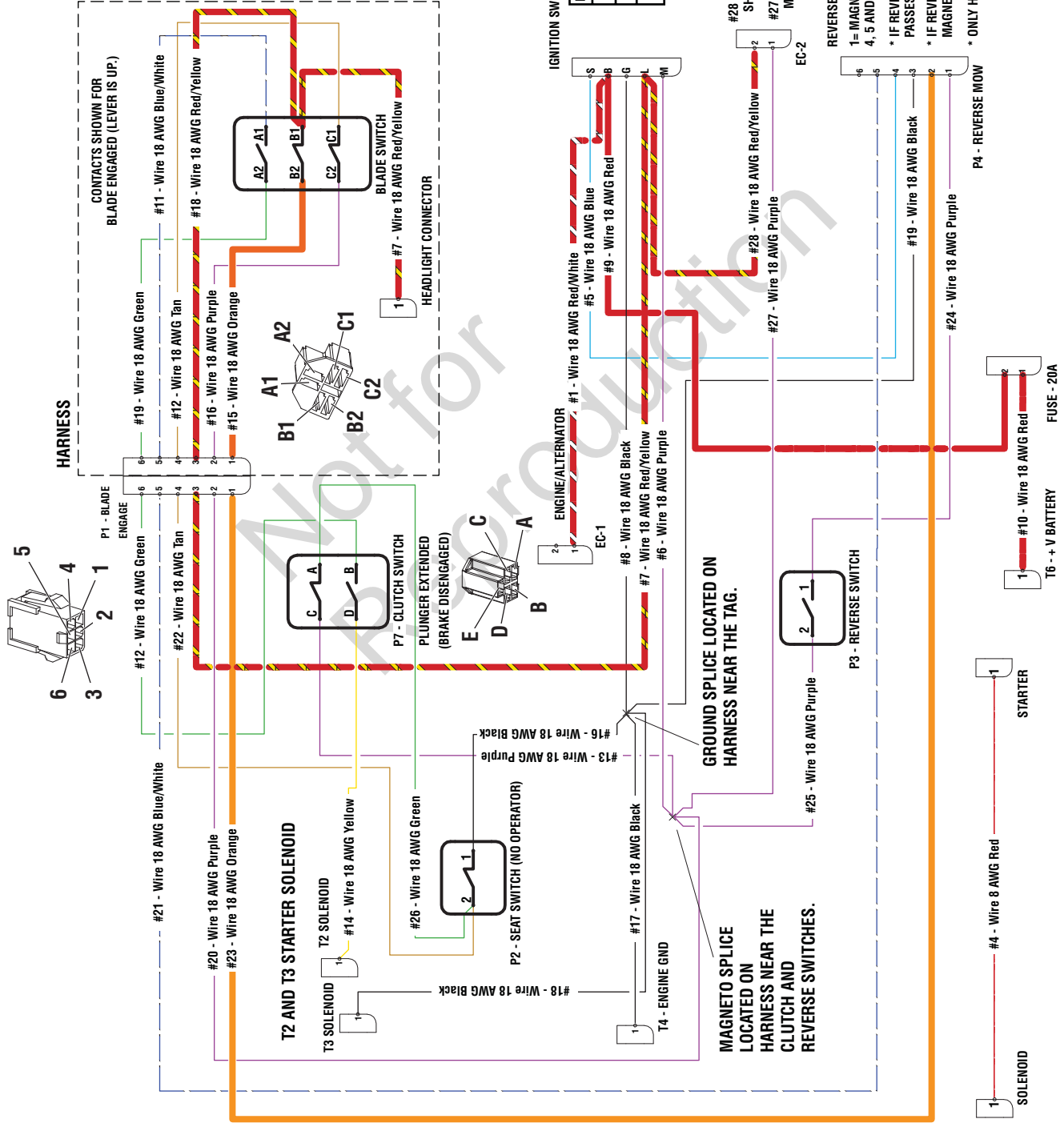
RUN CIRCUIT

OPERATION NOTES:

- Position 1 of ignition switch (engine shut-off): Ground (#8 wire) to the magneto wire (#6 wire)
- Position 2 of ignition switch (accessory/run):
 - Power to the fuel shut-off solenoid (#28 wire).
 - If the blade is engaged (#7 wire), then power is applied to the reverse mow switch feature (#23 wire and see that feature for further info).
- Position 3 of ignition switch (crank):
 - Power to the reverse mow switch (#5 wire).
 - If RMO key is installed, it will then send power to the blade engagement switch (#21 wire).
 - If the blade is disengaged and the vehicle has the park brake engage, the vehicle will start (#12 & #14 wires).
- Driving & operator leaves the seat:

From the splice for the magneto, wire #13 goes to the park brake switch, if disengaged then goes to the seat switch (#26 wire). The seat switch will ground the magneto (#16 wire).
- Blade engaged and operator leaves the seat:

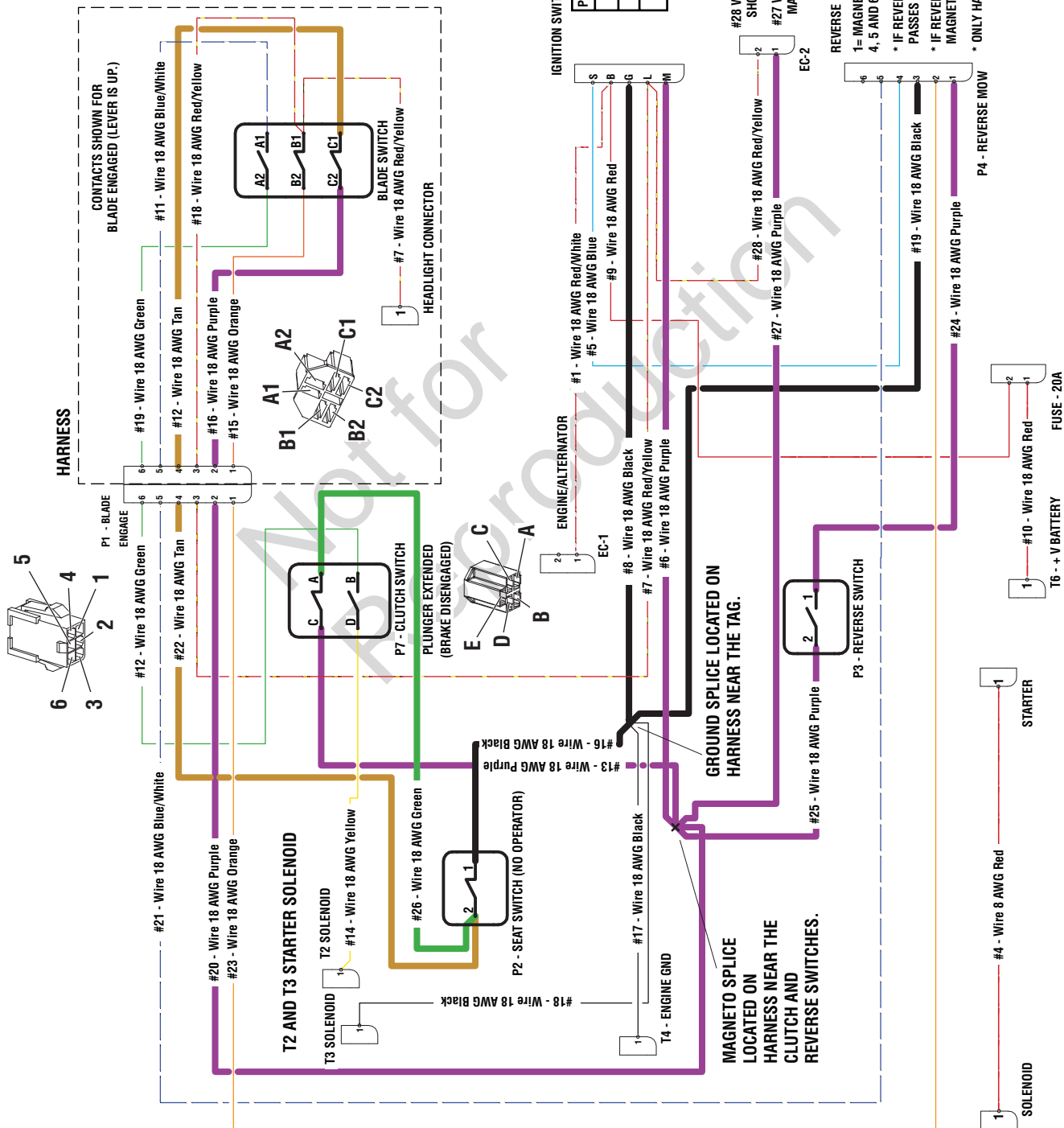
From the splice for the magneto, wire #20 goes to the blade engagement switch, if on then wire #22 has the magneto signal which then goes to the seat switch. Seat switch will ground the magneto (#16 wire).



IGNITION SHUTDOWN CIRCUIT

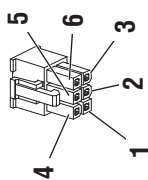
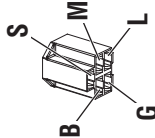
OPERATION NOTES:

- Position 1 of ignition switch (engine shut-off): Ground (#8 wire) to the magneto wire (#6 wire)
- Position 2 of ignition switch (accessory/run):
 - Power to the fuel shut-off solenoid (#28 wire).
 - If the blade is engaged (#7 wire), then power is applied to the reverse mow switch feature (#23 wire and see that feature for further info).
- Position 3 of ignition switch (crank):
 - Power to the reverse mow switch (#5 wire).
 - If RMO key is installed, it will then send power to the blade engagement switch (#21 wire).
 - If the blade is disengaged and the vehicle has the park brake engage, the vehicle will start (#12 & #14 wires).
- Driving & operator leaves the seat: From the splice for the magneto, wire #13 goes to the park brake switch, if disengaged then goes to the seat switch (#26 wire). The seat switch will ground the magneto (#16 wire).
- Blade engaged and operator leaves the seat: From the splice for the magneto, wire #20 goes to the blade engagement switch, if on then wire #22 has the magneto signal which then goes to the seat switch. Seat switch will ground the magneto (#16 wire).



IGNITION SWITCH

POSITION	DESCRIPTION	FUNCTION
1	OFF	G + M
2	RUN	L + B
3	START/CRANK	L + B + S



P4 - REVERSE MOW