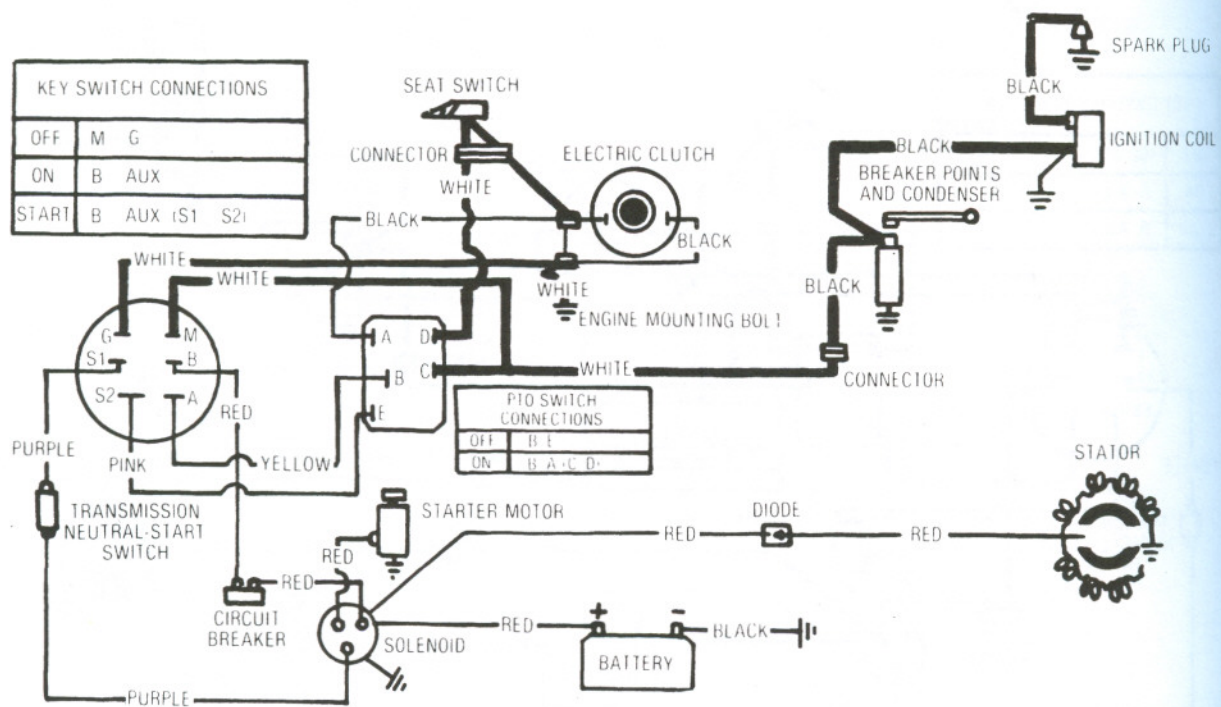
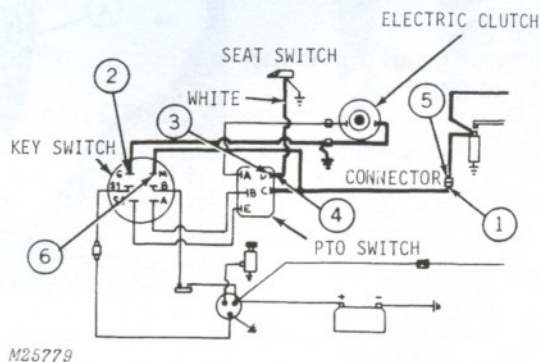


IGNITION SYSTEM—108, 111, AND 111 HYDROSTATIC TRACTORS (Serial No. 190,001-)



M29343/1206/4005G/M/000382

TEST 2 - IGNITION GROUND CIRCUIT—108 AND 111 TRACTORS (Serial No. 120,001-) AND 111 HYDROSTATIC TRACTOR



STEP A

1. Disconnect white lead at point 1.
2. Connect a test light between white lead and ground.
3. With key switch in "OFF" position, light should be on.
4. Turn key switch to "RUN" position. Test light should go out.
5. Leave key switch in "RUN" position and engage PTO. Light should go on.
6. Leave PTO engaged and press on seat. Light should go out.
7. If light reacts correctly, go to Step E. If light reacts incorrectly, go to Step B.

STEP B

1. Disconnect wiring coupler from key switch.
2. Connect test light between points 2 and 6.
3. With key switch in "OFF" position, light should be on.
4. Turn key switch to "RUN" position. Light should go out.
5. If light reacts correctly, go to Step C. If light reacts incorrectly, replace key switch.

STEP C

1. Reconnect wiring coupler to key switch.
2. Disconnect wiring from seat switch.
3. Connect test light between points 1 and 3.
4. Engage PTO. Light should go on. Disengage PTO. Light should go off.
5. If light reacts correctly, go to Step D. If light reacts incorrectly, replace PTO switch.

STEP D

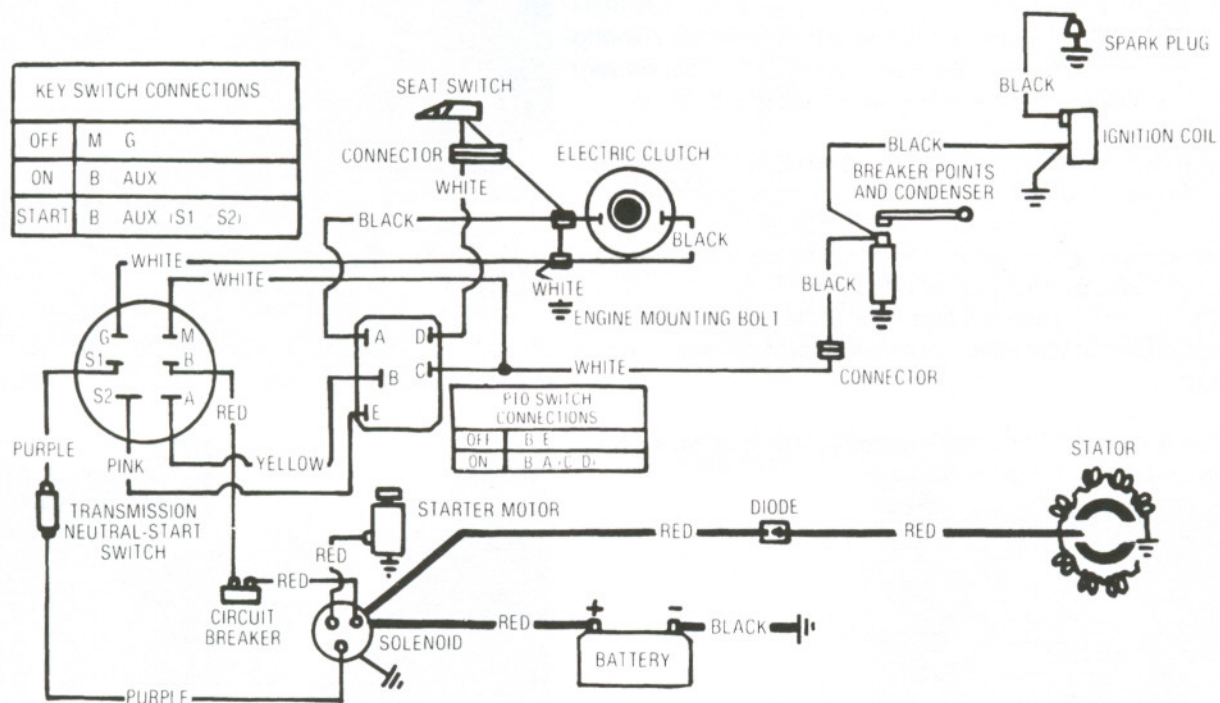
1. Connect test light between points 4 and ground.
2. Press on seat. Light should go off. Release pressure on seat. Light should go on.
3. If light reacts correctly, go to Step E. If light reacts incorrectly, replace seat switch.
4. Connect wiring coupler to seat switch.

STEP E

1. Disconnect spark plug wire from plug.
2. Connect test light between point 5 and ground.
3. Turn key switch to "START" position and observe test light as engine cranks.
4. If test light is on while engine cranks, the engine ground wire is defective or the breaker points are not opening.
5. If test light flickers while engine cranks, the engine ground wire is good. Go to Test 3.

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CHARGING SYSTEM—108, 111, AND 111 HYDROSTATIC TRACTORS (Serial No. 190,001-)



M29345 1206 4005G Z2 080382

TEST 1 - BATTERY

See Group 10. If tests indicate battery is good but it does not take a charge in tractor, go to Test 2.

1206 4005G AA 080382