

ELECTRICAL SYSTEM INFORMATION (CONT'D)

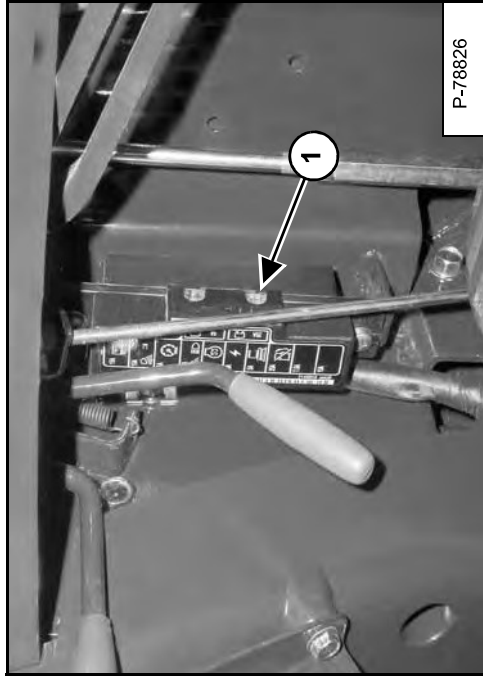
Description

The compact tractor has a 12 volt, negative ground alternator charging system. The electrical system is protected by fuses and relays. The fuses will protect the electrical system when there is an electrical overload. The reason for the overload must be found before starting the engine again.

Fuse And Relay Location - Engine Compartment

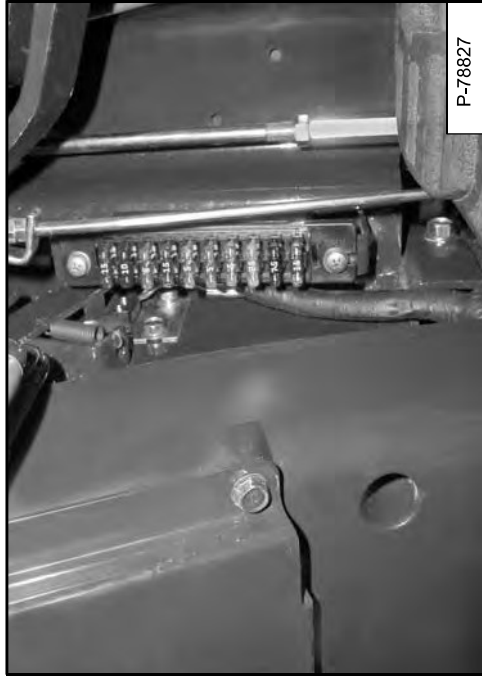
Fuses

Figure 60-10-1



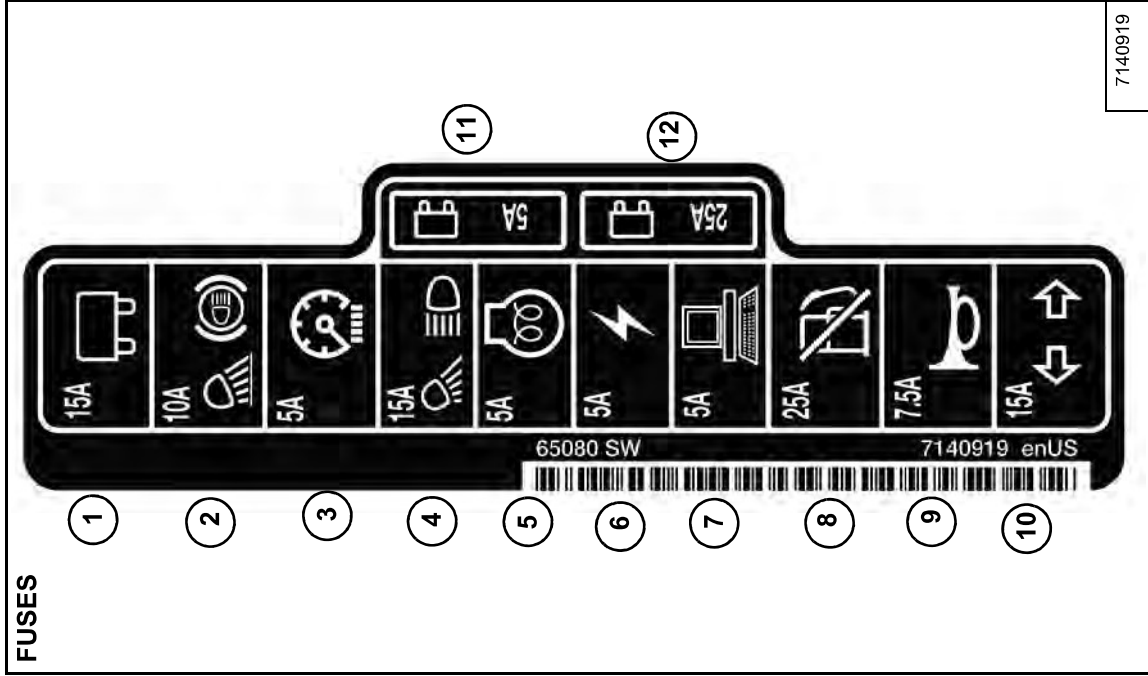
The fuse panel (Item 1) [Figure 60-10-1] is located below the steering wheel on the right side of the dash console.

Figure 60-10-2



Remove the cover to get access to the fuses [Figure 60-10-2].

Figure 60-10-3



The decal [Figure 60-10-3] on the fuse panel cover shows location and size of the fuses. Description and amp ratings are also shown below.

| RE F | DESCRIPTION | AMP | RE F | DESCRIPTION | AMP |
|---------|---------------------------|-----|---------|------------------------------------|-----|
| 1 | Spare | 15 | 7 | Controller | 5 |
| 2 | Parking Brake | 10 | 8 | Fuel Shut Off | 25 |
| 3 | Instrument Panel | 5 | 9 | Horn | 15 |
| 4 | Head Lights / Tail Lights | 15 | 10 | Directional Lights / Hazard Lights | 15 |
| 5 | Glow Plugs | 5 | 11 | SPARE | 5 |
| 6 | Switched Power | 5 | 12 | SPARE | 25 |

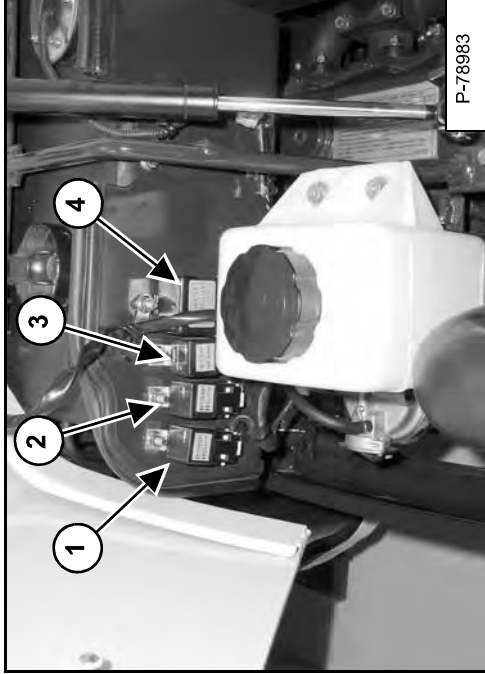
ELECTRICAL SYSTEM INFORMATION (CONT'D)

Fuse And Relay Location - Instrument Panel

Relays

There are five relays used in the electrical circuit. The relays are located on the engine firewall as on the right side of the battery (as shown below). The flasher unit is located on the left side of the steering column below the dash. Always verify relays by wire colors.

Figure 60-10-4



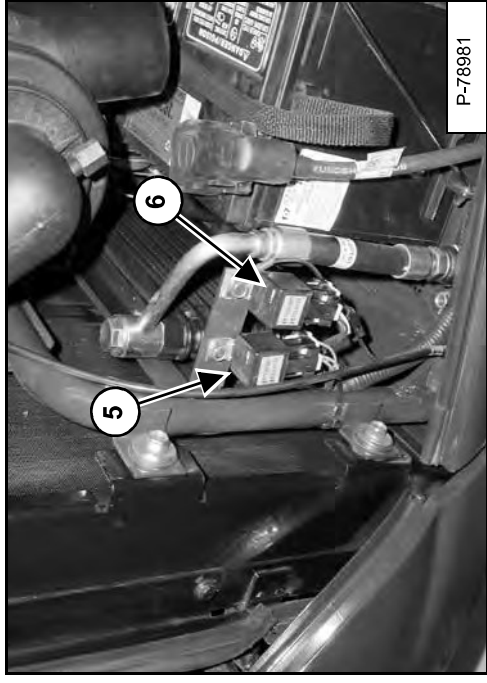
Relay (Item 1) [Figure 60-10-4] is for the starter relay.

Relay (Item 2) [Figure 60-10-4] is for the preheat relay.

Relay (Item 3) [Figure 60-10-4] is for the fuel pull solenoid.

Preheat controller (Item 4) [Figure 60-10-4] for the glow plugs.

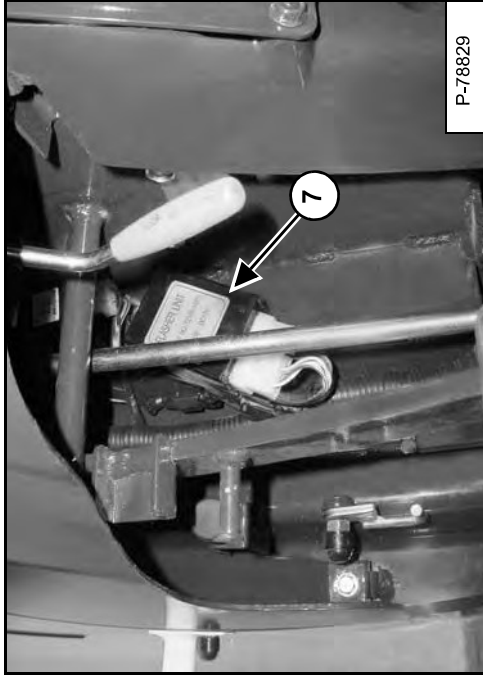
Figure 60-10-5



Relay (Item 5) [Figure 60-10-5] for low beam relay.

Relay (Item 6) [Figure 60-10-5] for high beam relay.

Figure 60-10-6



Flasher (Item 7) [Figure 60-10-6] for the directional signals / hazard / flashers.

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