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JUNCTION RECEPTACLES IDENTIFICATION

This document is to assist in quickly identifying circuits at the outside/back of the control box.

Junction Receptacles Outside Control Box



J1, Terminals...

1. Green wire connects to engine alternator connection W
2. Pink/black wire (12V) connects to starter solenoid
3. Black (B- ground) connects to engine block
4. Red wire (B+) connects to 30 amp fuse
5. Black wire (Ground) connects to engine connector fuel solenoid pin 8
6. Red wire (12V) connects to engine connector fuel solenoid pin 7
7. Orange wire connects to engine oil pressure switch
8. Yellow wire connectors to engine alternator connection D

J2, Terminals...

1. Gray wire (Ground) connects to solenoid, main A cylinder, front.
2. Red wire connects to solenoid, main A cylinder front, When activated 12V
3. Brown wire (Ground) connects to solenoid, shuttle cylinder
4. Red wire connects to solenoid, shuttle cylinder. When activated 12V
5. White wire (Ground) connects to solenoid, high engine speed
6. Red wire (12V) connects to solenoid high engine speed
7. Yellow wire (Ground) connects to solenoid, main B cylinder rear
8. Red wire connects to solenoid main B cylinder rear. When activated 12V

J3, Terminals...

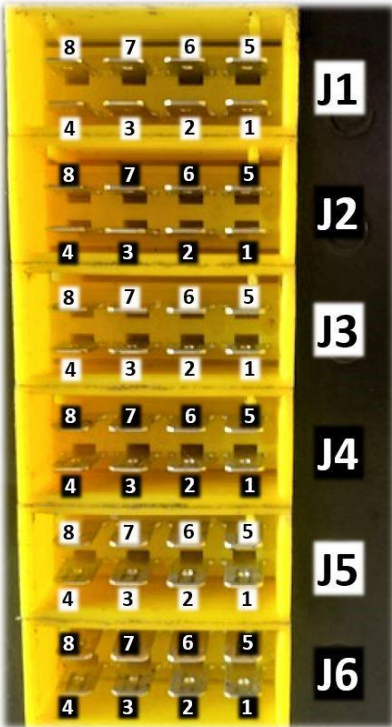
1. White wire (Signal) proximity switch B
Inactive 2-5 ~ 3.0 volt
Active 0.7 volt
2. Green wire (Signal) proximity switch A
Inactive 2-5 ~ 3.0 volt
Active 0.7 volt
3. Not used
4. Not used
5. Blue wire (Ground) connects to proximity switch A & B
6. Brown wire (12V) connects to proximity switch A & B
7. Not used
8. Not used



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JUNCTION RECEPTACLES IDENTIFICATION

Junction Receptacles Outside Control Box



J4, Terminals...

1. Not Used
2. Connects to automated flow control. When activated 12 volts
3. Connects to automated flow control. When activated 12 volts
4. Not used
5. Black wire (Ground) connects to solenoid, accumulator unloader relief
6. Red wire (12V) connects to solenoid, accumulator unloader relief
7. Black wire (Ground) connects to KI Relay pin 85 (fan)
8. Red wire (12V) connects to KI Relay pin 86 (fan)

J5, Terminals... NOT USED

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

J6, Terminals... NOT USED

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

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