5130
5140
5220
5230
5240
5250

Maxxum Tractors

SERVICE MANUAL

7-32847

CASE IH AGRICULTURE

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CASE CORPORATION

Don 7-32752

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Printed in England
August 1992

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Schematic Circuit

CONNECTOR A
Transmission harness to instrument harness

CONNECTOR B
Engine harness to instrument harness

CONNECTOR D
Cab harness to instrument harness

ELECTRIC MOTOR (STARTER)
An electric motor

CHASSIS GROUND
Completes battery circuit

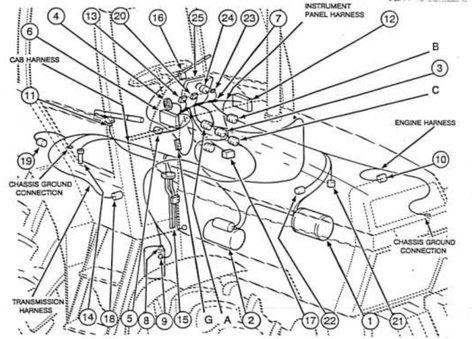
SPLICE
Connects one or more circuits that do the same function

DIODE
Permits electrical current to flow freely in one direction

FUSE
Protects the electrical system from high output or a ground in the electrical system

CONNECTOR G
Forward/reverse switch to instrument harness

RELAY 30 AMP
A magnetic switch that directs electric current



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RELAY SOLENOID (STARTER)
A magnetic switch that directs battery power to the starter motor

ALTERNATOR
Converts mechanical energy into alternating electrical current

KEYSWITCH
Connects or disconnects power to the electrical circuit

BATTERY JUNCTION BLOCK
Used to route battery power

HYDRAULIC FILTER TEMPERATURE SWITCH
Temperature actuated, contacts close on rising temprature.

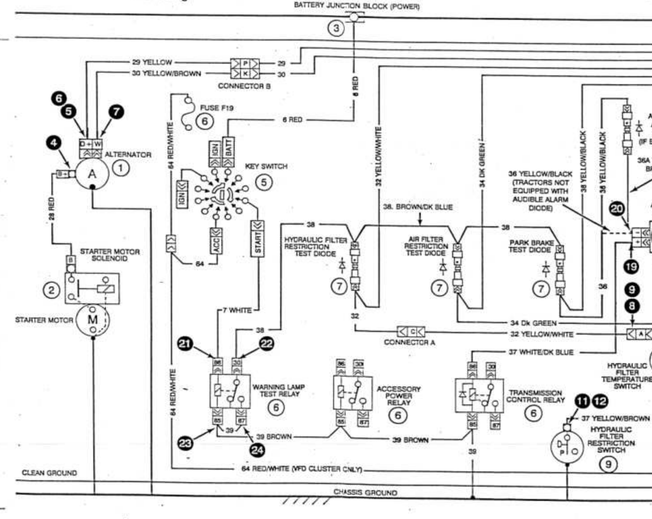
AUDIBLE ALARM
A Warning alarm that protects one or more functions of a machine

AIR FILTER RESTRICTION SWITCH
Contacts closed by vacuum

GROUND SPEED SENSOR
Transmits on impulse to a command center

PARK BRAKE SWITCH
Contacts closed by lever action

Alternator Wiring



FLASHER RELAY
Electrical device which opens and closes a circuit continually when actuated

FUEL SENDER
Resistor type switch operated by a lever

FORWARD/REVERSE SWITCH
Controls more than one circuit

RANGE SWITCH
Contacts open or closed by lever action

1000 RPM PTO SWITCH
Contacts open or closed by lever action

COOLANT TEMPERATURE SENDER
Resistor type switch actuated by a probe immersed in coolant

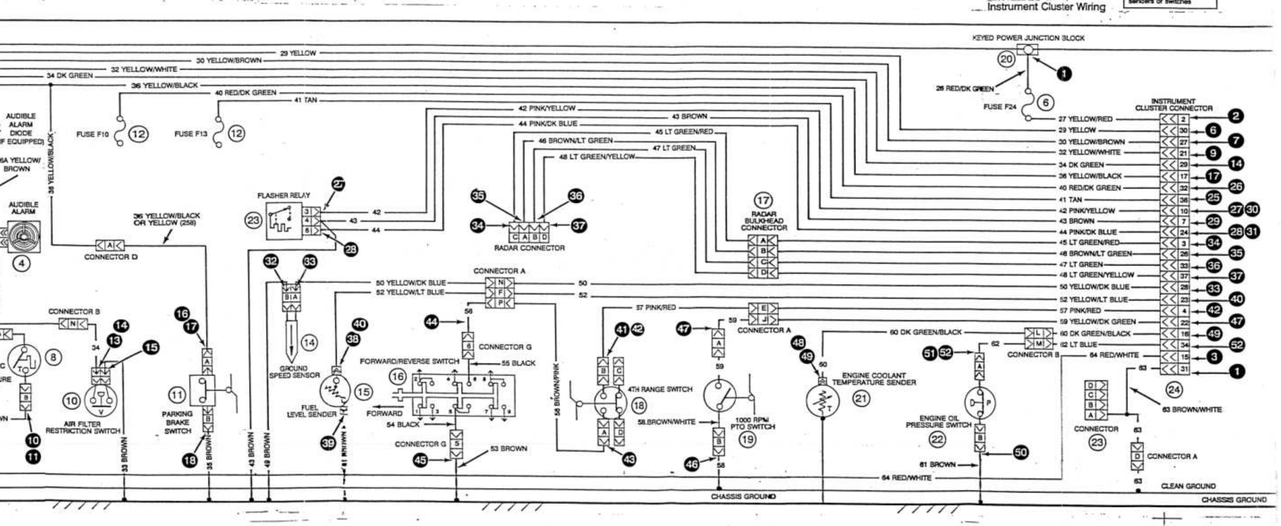
OIL PRESSURE SWITCH
Contacts closed by low oil pressure

KEYED POWER JUNCTION BLOCK
Used to route keyed power

PRESSURE SWITCH (HIGH)
Pressure actuated, contacts close when pressure is too high

INSTRUMENT CLUSTER
Displays information from senders or switches

Instrument Cluster Wiring



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