
CROP DIVIDER

INSTALLATION MANUAL

ELECTRIC KIT - FRONT

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CAUTION

BEFORE THE REMOVAL OF YOUR ORIGINAL HARNESS AND/OR THE INSTALL OF YOUR NEW HARNESS, DISCONNECT THE POWER FROM YOUR VEHICLE BY REMOVING THE NEGATIVE OR POSITIVE BATTERY CABLE FROM THE BATTERY.

IN THE EVENT THAT THERE ARE UNUSED OR UNCONNECTED WIRES, THEY WILL NEED TO HAVE THEIR ENDS TERMINATED WITH AN INSULATED TERMINAL OR ELECTRICAL TAPE. DOING SO WILL PREVENT THE WIRES FROM SHORTING AND CAUSING HARNESS FAILURE OR FIRE.

TOOLS REQUIRED

- WIRE STRIPPERS (SPRAYER DEPENDANT)
- ELECTRICAL TAPE (SPRAYER DEPENDANT)
- WIRE BUTT CONNECTORS (SPRAYER DEPENDANT)
- ZIP TIES

NOTES

1. WHEN SWITCHING OFF BATTERY POWER, ENSURE CAB POWER IS UNPLUGGED.
2. ACTUATOR FUSES CAN GO UP TO 20 AMPS.

INSTALLATION INSTRUCTIONS

1. LAYOUT HARNESS
 - ENSURE ALL WHEELS ARE FULLY EXTENDED
 - LAYOUR THE HARNESS UNDERNEATH THE SPRAYER
 - TOUCH ENCODER AND CAB POWER CONNECTORS WILL BE PLACED INSIDE THE CAB
 - ACTUATOR & SENSOR CONNECTORS SHOULD EXTEND TO THEIR RESPECTIVE FRONT WHEELS
 - ORIOLE A & B & DIAGNOSTIC CONNECTORS SHOULD BE CENTRALLY MOUNTED JUST REAR OF THE CAB HIDDEN FROM DIRT AND MUD BUILDUP
 - REAR POWER AND REAR CAN CONNECTORS SHOULD RUN ALONG THE FRAME TOWARDS THE REAR OF THE MACHINE
 - POWER CONNECTOR WILL CONNECT TO THE BATTERY
 - AUX 1, 2, 3 & 4 CONNECTORS WILL BE CENTRALLY LOCATED

2. WIRE HARNESS INTO CAB

- TOUCH ENCODER AND CAB POWER WILL BE RAN INTO THE CAB.
- TOUCH ENCODER WILL BE LOCATED WITHIN THE DRIVERS REACH AND EASILY ACCESIBLE.
- CAB POWER WILL RUN TOWARDS THE APPORPRIATE PLUG WHICH IS ONLY POWERED WITH THE KEY.
- SOME SPRAYERS WILL HAVE A FOAM PASSAGE ALLOWING WIRES TO EASILY ENTER THE CAB.
- MOUNT THE TOUCH ENCODER BRACKET ONCE YOU ARE CONFIDENT YOU KNOW WHERE YOU WANT IT TO BE PLACED.



3. WIRE FRONT RIGHT/LEFT ACTUATORS & SENSORS

- USING ZIPTIES SECURE THE ACTUATOR AND SENSOR CONNECTORS CLOSE TO THE CROP DIVIDER MOUNTS. ENSURE TO LEAVE A BIT OF SLACK IN THE HARNESS WHEN WIDENING AND NARROWING THE WHEEL BASE.
- ONCE THE STANDARD CROP DIVIDER ASSEMBLY, 26008-15, IS MOUNTED THE ACTUATOR CAN BE CONNECTED.

4. WIRE THE ORIOLE, DIAGNOSTIC AND AUX CONNECTORS

- USING ZIPTIES AND SELF TAPPING SCREWS MOUNT THE ORIOLE CONTROLLER IN AN AREA THAT LIMITS EXPOSURE TO DIRT AND MUD.
- KEEP THE DIAGNOSTIC CONNECTOR AND AUX CABLES CENTRALIZED AND ALSO IN AN AREA WHICH LIMITS DIRT AND MUD EXPOSURE.
- THE AUX CONNECTORS ARE ONLY RATED TO 12V, 3 AMPS PER CONNECTION.



5. WIRE THE REAR CAN AND POWER CABLES

- THESE CABLES SHOULD BE RAN TOWARDS THE REAR OF THE SPRAYER AS FAR BACK AS POSSIBLE. THIS WILL BE USED IF THE REAR ACTUATORS ARE ALSO INSTALLED.

6. WIRE THE POWER CABLES

- RUN THE BATTERY CABLES TO THE BATTERY CONNECTING RED TO POSITIVE AND BLACK TO NEGATIVE.
- ONLY CONNECT ONCE ALL OTHER COMPONENTS ARE CONNECTED.
- IF INSTALLING REAR CROP DIVIDERS, CONNECT THE REAR HARNESS, 26008-09, BEFORE CONNECTING TO POWER.
- CONNECT GROUND TO CHASSIS BATTERY IF THERE ARE TWO BATTERIES.
- THIS SYSTEM REQUIRES 12 VOLTS.

