



**BOURGAULT**

**X30**

Monitor/Controller

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Precision Agriculture

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## **John Deere ISO harness.**

The following pages outline the procedure to use a John Deere BE32277 harness kit when the tractor is not equipped with factory a ISO harness.

Parts required are as follow;

- BE32277 Harness Kit (from John Deere dealer of your choice)
- 1 of 3132-94-40 Deutsch connector kit
- 1 of 5210-65 mount plated for ISO connector
- 3140-97 Deutsch crimp tool
- Small flat screwdriver
- Needle nose pliers





## John Deere BE32277 KIT



Direct to 12 volt + power supply

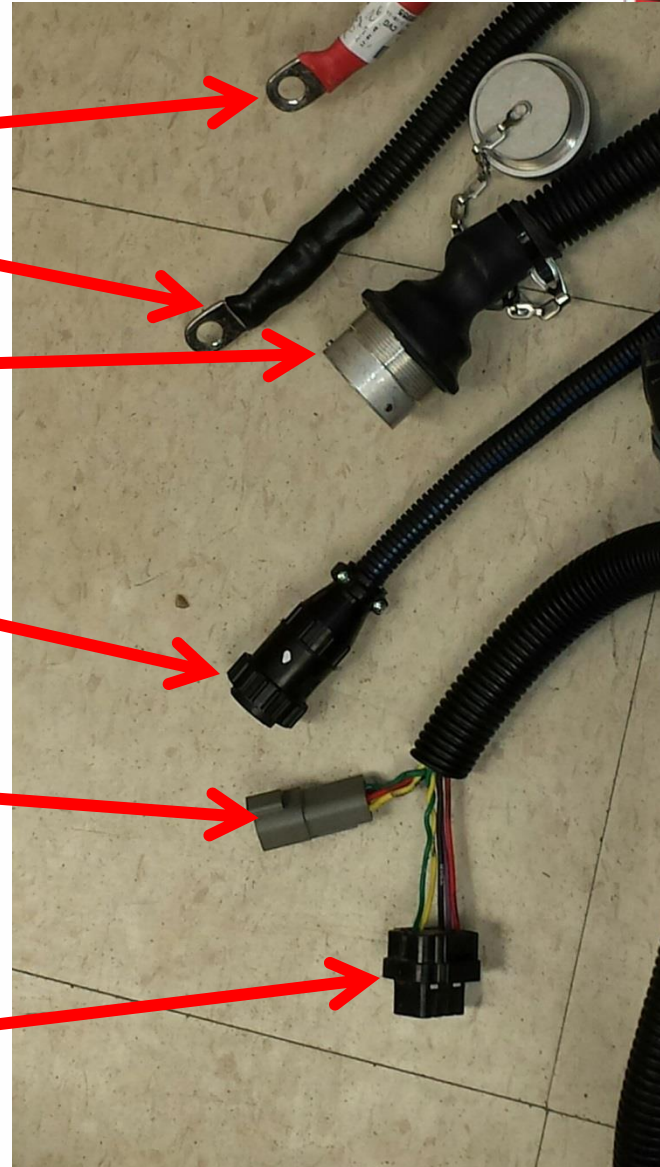
Direct to 12 volt – ground

Mount ISO harness connector at the back of the tractor to connect to implement.

Connect to tractor Aux power connector (must have constant power, keyed power and ground)

Connect to CAN 1 connector of the 3132-04-02 X30 harness. (the picture shows the Deere diagnostic connector removed and the 3132-94-40 4 pin Deutsch connector kit installed)

Not Used



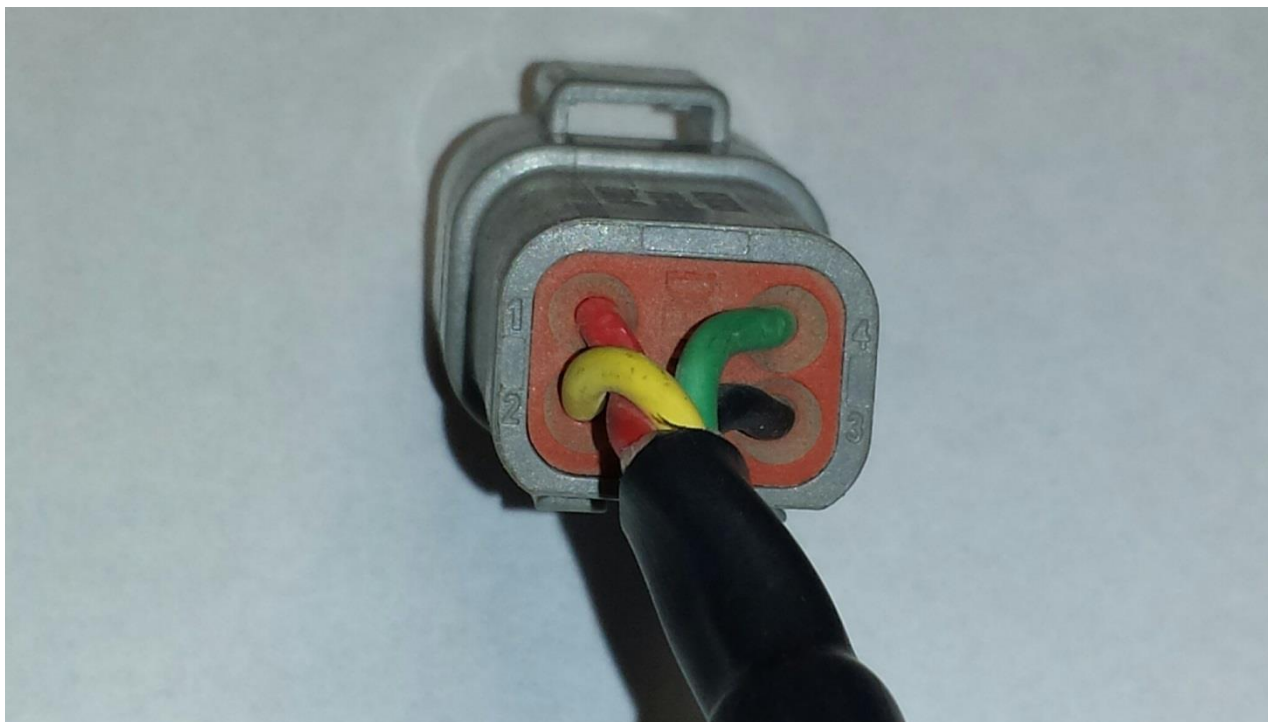


The Deutsch diagnostic connector show above must be removed from the Deere harness and a 3132-94-40 DT04-4P connector kit installed as shown in the right hand image. *(the following page details the pin locations of the DT04-4P Deutsch connector)*





## 3132-94-40 Deutsch DT04-4P pin locations



**RED** to pin 1

**GREEN** to pin 4

**YELLOW** to pin 2

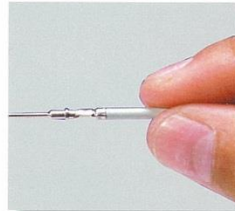
**BLACK** to pin 3

(see the following page for Deutsch instructions)

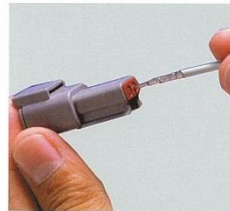




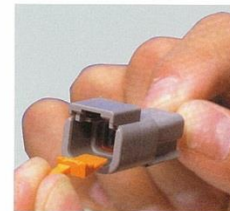
### Assembly Contact Insertion (DTM, DT, DTP)



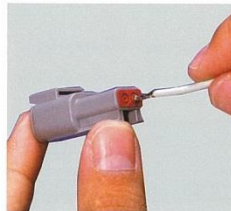
1. Grasp crimped contact approximately 1.0" (25.4mm) behind the contact barrel.



2. Hold connector with rear grommet facing you.



3. Push contact straight into connector grommet until a click is felt. A slight tug will confirm that it is properly locked in place.

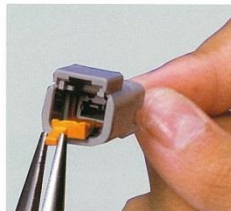


4. Once all contacts are in place, insert orange wedge: receptacles - with half holes aligning with contacts. Plugs - with contacts aligning behind full holes. The orange wedge will snap into place.

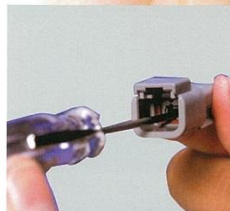
NOTE: The receptacle is shown - use the same procedure for plug.



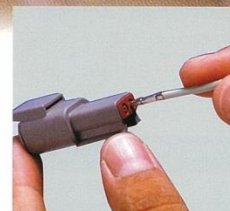
### Contact Removal



1. Remove orange wedge using needle-nose pliers to pull wedge straight out.



2. To remove the contacts, gently pull wire backwards, while at the same time releasing the locking finger by moving it away from the contact with a screwdriver.



3. Hold the rear seal in place, as removing the contact will displace the seal.



Remove the Bourgault  
CAN 1 Terminator.  
(see next image)

X30  
Monitor





CAN 1 Terminator  
removed.

