

2007 New Harness Guide



JOHN DEERE AG MANAGEMENT SOLUTIONS



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GS2, Display control

0286PC9030: Universal Display Control
Module incl.:

1.PF80856
Universal Display Control Module

2.PF90447
UIM Display Bracket



0286PC9031: Additional Display Control Mounting
Brackets - for all 7X, 8X, and 9X Tractor series
includes two additional mounting locations for the
Universal Display Control Module

PF90415

Note: Not available for 6000, 6010, and 6020 machines



GS2, Display control

0286PC9040

6020 - Display Control Module

IMPORTANT: For use ONLY with the GreenStar Display 2100 on 6200 w/o AutoPower (S/N 356846 and above) w/ AutoPwr (S/N 361591 and above).

BZ100076



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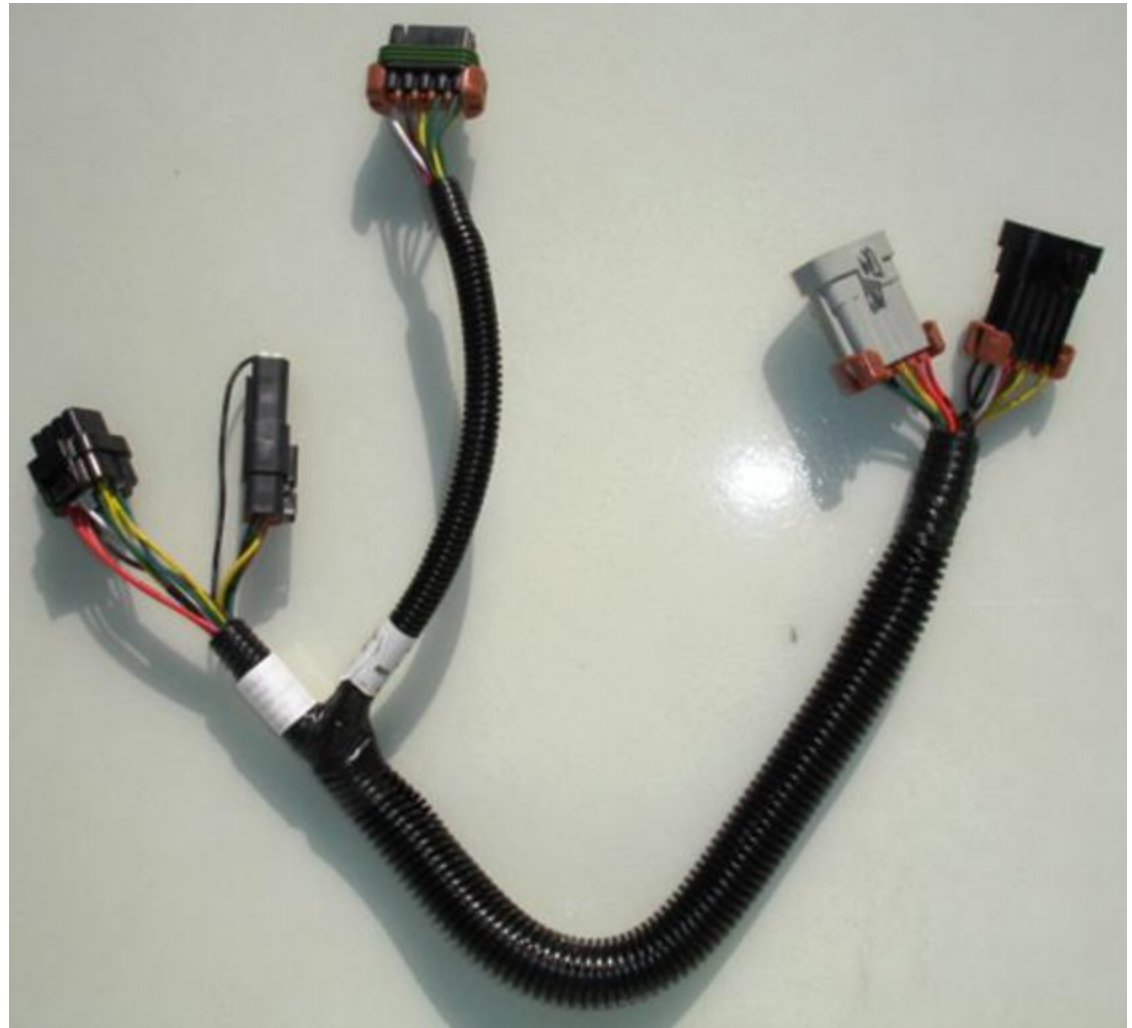
GS2, Specific Adapter

0286PC9062

Original GreenStar
Display to GreenStar 2
Display adaptor

Note: For use for all
original GreenStar Ready
A-post display and mobile
processor connection
with a new GSD2100 or
GSD2600.

PF80773



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GS2, Specific Adapter

0286PC9065

Bulkhead (Integrated display connector) to GreenStar 2 Display (GSD2100/GSD2600)

- For all 8030 (all SN), 7020 (SN 045001 and above), 9020 (SN 040001 and above), and 9020T (SN 906001 and above)

PF80793



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GS2, Specific Adapter

0111PC9066

Bulkhead (Integrated display connector) to Original GreenStar Display

- For all 8030 (all SN), 7020 (SN 045001 and above), 9020 (SN 040001 and above), and 9020T (SN 906001 and above)

Note: Also included in 8030 Cab preparation kit

PF80818



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StarFire Adapter

0111PC9060

Star Fire iTC Extension
Harness “ Jumper” for new
cab roof

-For all 8030,7030, 6030 (all
SN), 7020 (SN 045001 and
above), 9020 (SN 040001 and
above), and 9020T (SN
906001 and above) Combine
and SPFH M.Y.06

Note: Also included in 8030
Cab preparation kit

PF80722



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StarFire iTC NMEA/ Radar Harness

0111PC9055

StarFire iTC
Receiver
Radar/NMEA
Harness

Note: StarFire
Radar output can
be used instead of
a machine installed
Radar sensor

includes harness
from StarFire
receiver to Radar
connector on
machine or a
RS232 connection



PF 90400



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Field Doc Connect on GS2

0286PC9027

GreenStar 2 Field Doc
Connect Harness - For all
GreenStar Displays 2100 and
2600

Note:
Required to connect third party
controllers to a GreenStar 2
display with corner post connector.

Works with Harness's PF80793
(allows 2 controllers) & PF80773
(allows only one controller)

PF90363

Example:

PF80793 with PF90363
installed



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GS Generic System Harness

0111/0286PC9046=0108/0287PC4100= GreenStar generic System Harness

PF90420: Generic Harness (with StarFire iTC Simulated Radar Output and RS232 NMEA Adapter Harness incl. in this case PF90400 Specific Radar & NMEA is not needed)

- [PF90217](#) Kit, Universal GPS Mounting Bar
- [PF90385](#) Bundle Display Bracket
- [PF90503](#) GreenStar Power Harness Adapter
- [PF90515](#) GreenStar Wiring Harness

PF80477: Cigarette Lighter Adapter

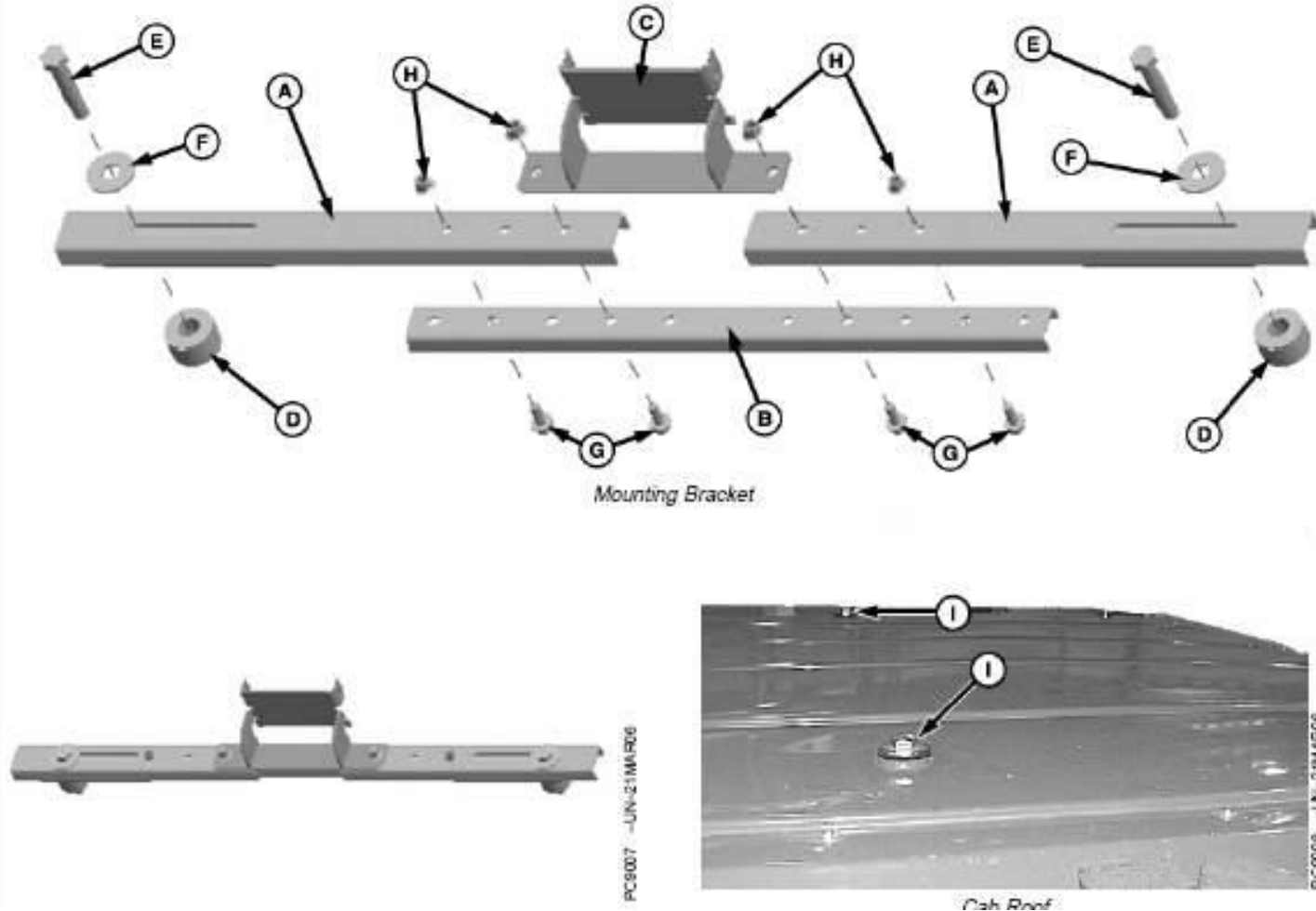


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GS Generic System Harness

PF90217 : Kit, Universal GPS Mounting Bar



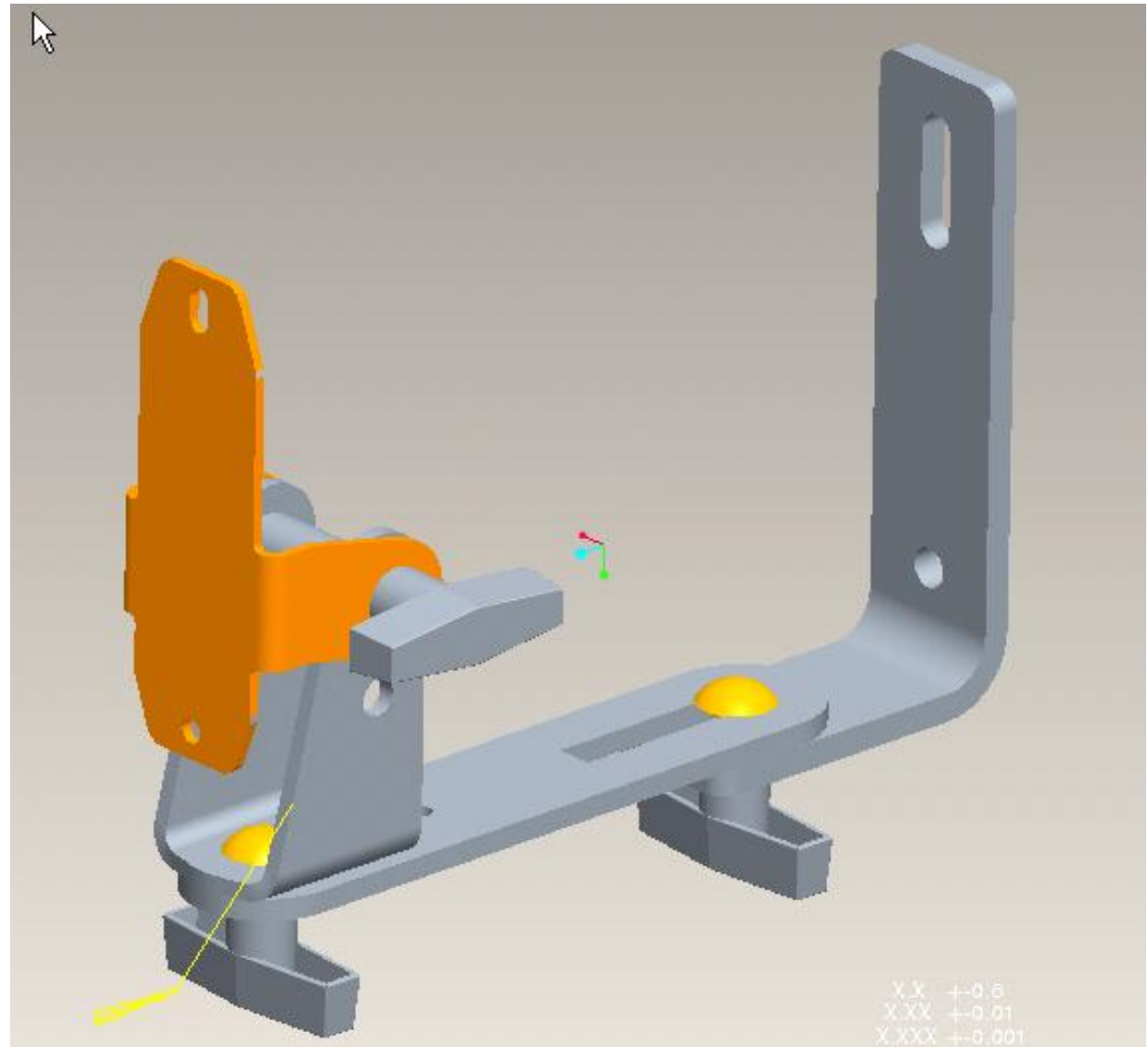
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GS Generic System Harness

PF90385 Bundle Display Bracket

New, heavier display
bracket Corner post
bolts – 19M7784



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GS Generic System Harness

PF90503 : GreenStar Power Harness Adapter

-(N) wiring connecting to Main
GreenStar Wiring harness
(PF80802) over flat 6 pin
connector

-(E) Transient Voltage
protection module

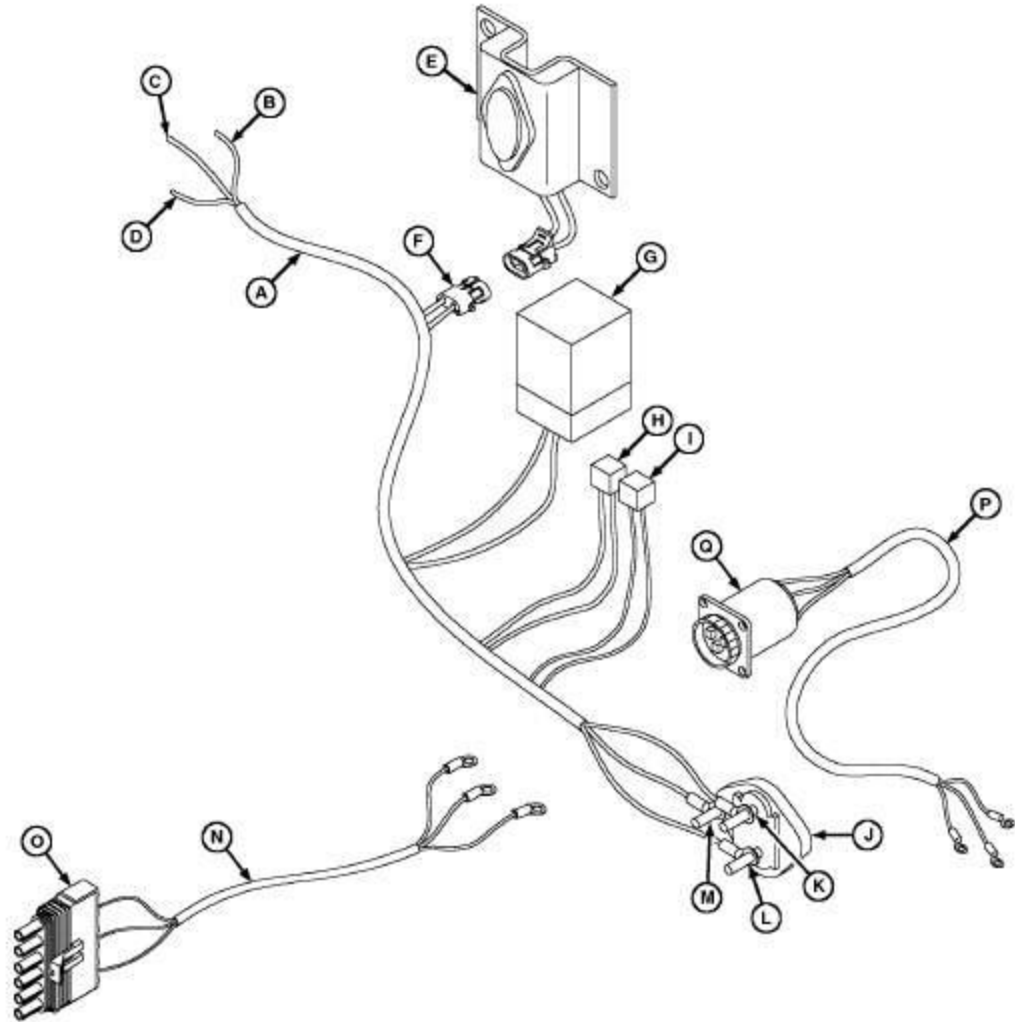
-(B) = battery, (C) switched
power and (D) to ground

-(P) and (Q) are not needed
for this application

-(H) and (I)= 30 A fuses

-(G)= relay

-(J) junction block between (A)
and (N) or (P)



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GS Generic System Harness

PF 90515 Main GreenStar Wiring Harness + PF80477 Cigarette Lighter Adaptor

-Bulkhead to Original GreenStar Display: [PF80818](#)

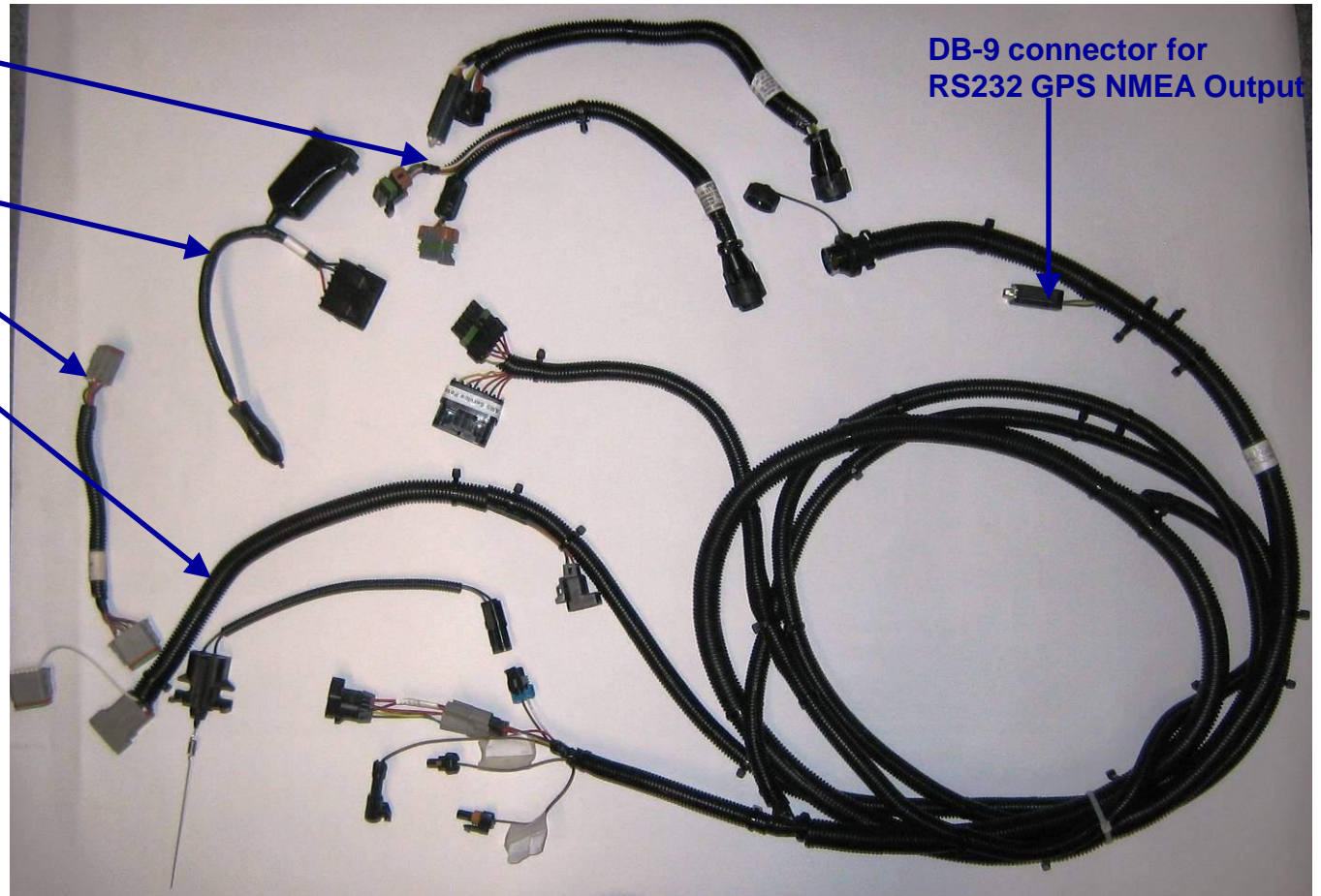
-Cigarette Lighter adaptor [PF80477](#)

-Star Fire iTC Extension Harness " Jumper": [PF80722](#)

-GS2 Cab Harness: [PF80802](#)

Shown in the picture for explaining purposes but not in bundle :

-Bulkhead to GS2 display: [PF80793](#) (top of the picture)



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GS Generic System Harness

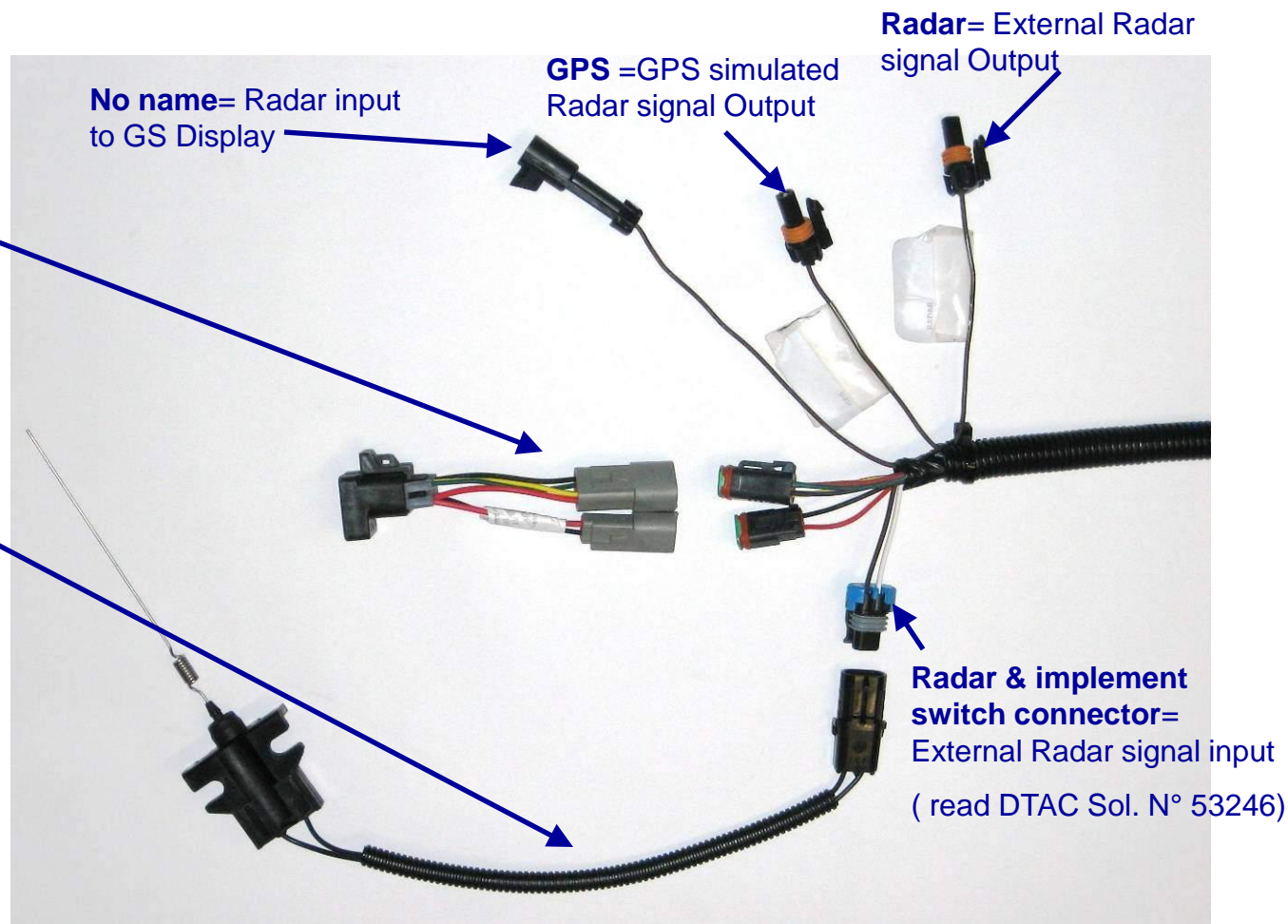
Detailed view of one end of PF 80802 Cab Harness

-**PF80831** Harness 2 /4-pin to 6-pin Terminator (if power harness or ISO connector available, not needed)

Shown in the picture for explaining purposes but not in bundle :

-Implement Switch **0111PC9015**
= PF 90302
(see DTAC Solution N° 53246)

Note: to configure the Performance Monitor from the GreenStarDisplay, the operator needs to select which Radar sources he wants to utilize, so to connect „ no name“ connector to any plug „GPS“ or „Radar“



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GS Generic System Harness

Extract of DTAC Solution N°53246 concerning Implement Switch Utilisation

2. **Field Doc Basic – Additional instructions for hooking up an Implement switch or there is not an implement switch connector to hook an implement switch into.**

Connecting an implement switch to a Field Installed GreenStar Cab and ISO harness.

When connecting an implement switch to a Field installed GreenStar Cab harness (RE158190) and an ISO implement harness (RE158191 for Row Crop and RE158192 for 4WD), an implement switch can be plugged directly into the ISO implement Harness. The 2 pin Weather-Pack connector is located immediately in front of the ISO connector (sometimes hidden inside the conduit). One wire provides a ground to the switch, and the other provides the signal to pin F of the GreenStar Display via wire #209.

Connecting an implement switch to a Field Installed GreenStar Cab Harness without an ISO Harness

We recommend always using the ISO implement harness when using Field Doc with a field installed GreenStar harness in a tractor. This prevents any modification that could lead to future complications. If this is not acceptable to the customer, the implement switch can still be used in one of two optional ways with field-installed cab harnesses if an ISO harness is not available:

— Make a pigtail harness to convert the 2 pin Weather-Pack connector of the implement switch extension harness to the 2 pin Metri-Pack connector of the cab harness (located near the rear terminator). Wire the pigtail so that wire #209 of the cab harness goes to one of the wires of the implement switch, and the other wire of the implement switch is attached to a good ground. Wire #211 is for a radar signal (not used with Field Doc).



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GS Universal Guidance Kit

0111/0286/0438PC9047= GreenStar Universal Guidance Kit

also contained in 0467PC1001 (w/GSD4 and SF), in 0437PC1002 (w/GSD4, MP, SF, KeyCard & Activation and ATUKit)

PF90479: Kit Universal Guidance

includes the Guidance System harness, display bracket, generic StarFire bracket

Note: If used with GS2x00 Display: Original GreenStar Display to GreenStar 2 Display adaptor is needed

- [PF90217](#) Kit, Universal GPS Mounting Bar
- [PF90385](#) Bundle Display Bracket
- [PF90463](#) Kit, Mobile GreenStar Harness

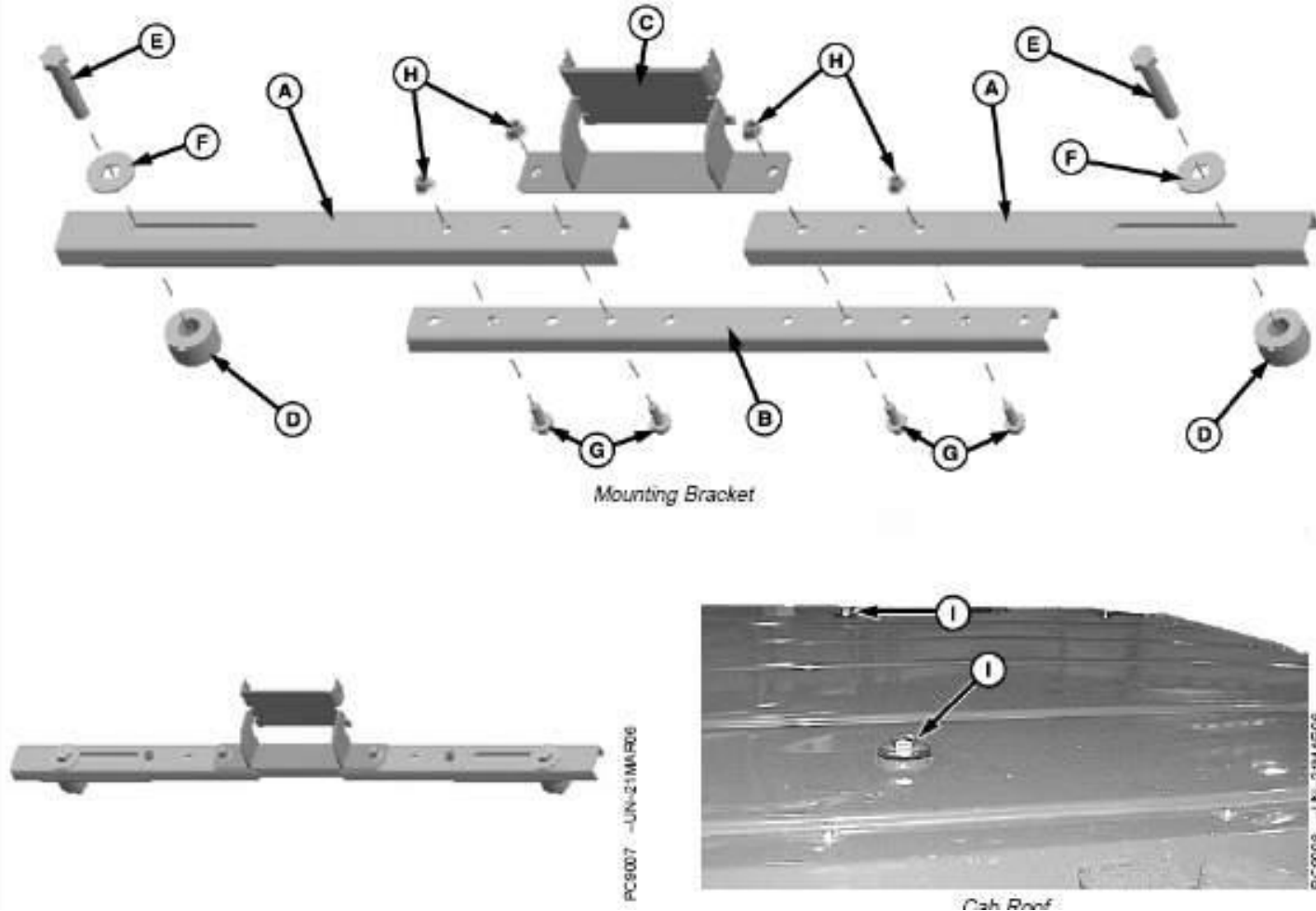


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GS Universal Guidance Kit

PF90217 : Kit, Universal GPS Mounting Bar



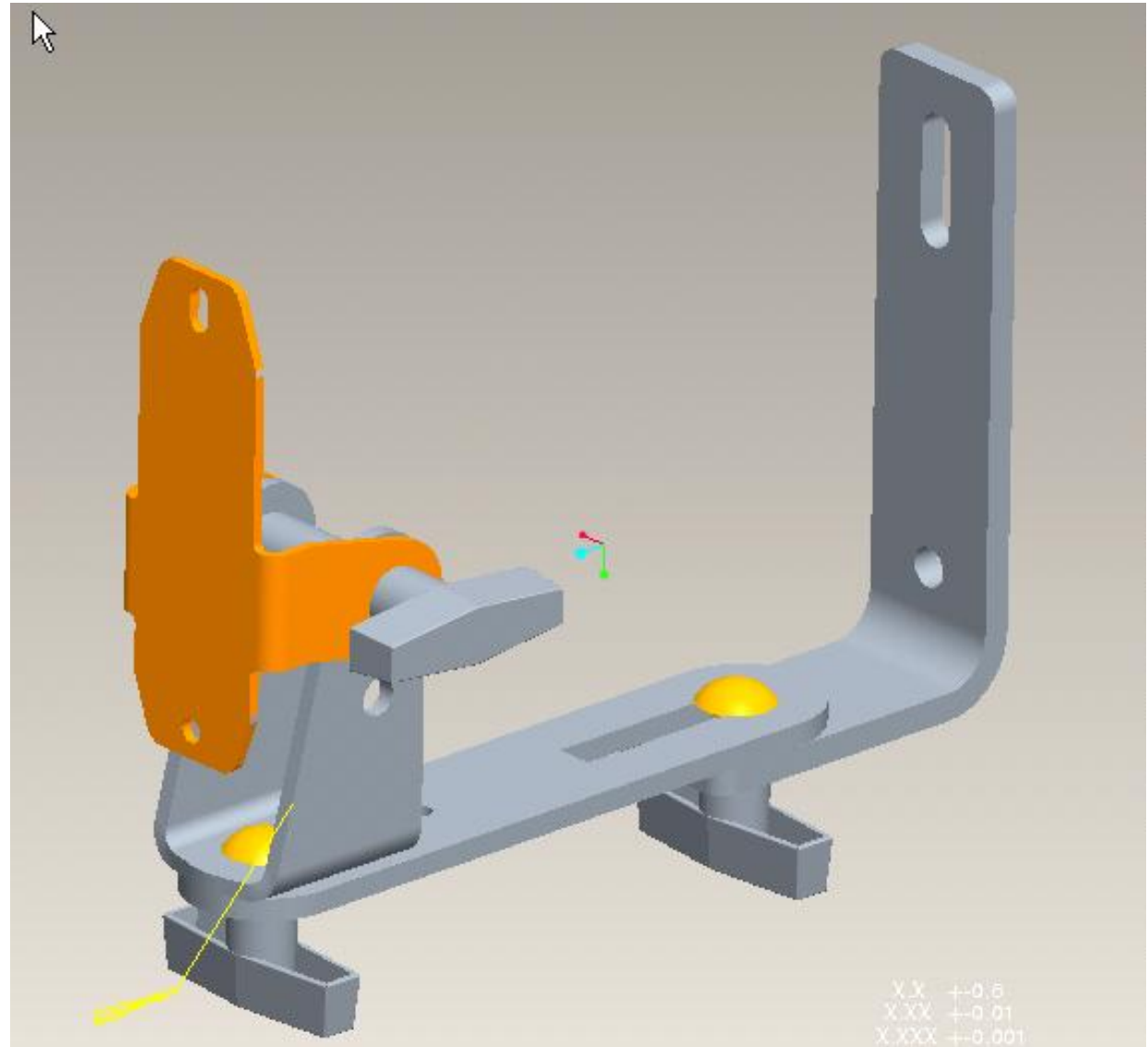
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GS Universal Guidance Kit

PF90385 Bundle Display Bracket

New, heavier display
bracket Corner post
bolts – 19M7784



X.X ±0.5
X.XX ±0.01
X.XXX ±0.001



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GS Universal Guidance Kit

PF90463 Kit, Mobile GreenStar Harness:

Note : when this Kit is connected to an ATU-Kit, the AutoTrac Universal harness PF80845 is not needed any more

- **PF80939**: Harness, low cost Guidance with TVP (Transient Voltage Protection)

- **PF80939**: Diode

- **PF80413**: Power Supply to cigarette lighter w/ switch

