

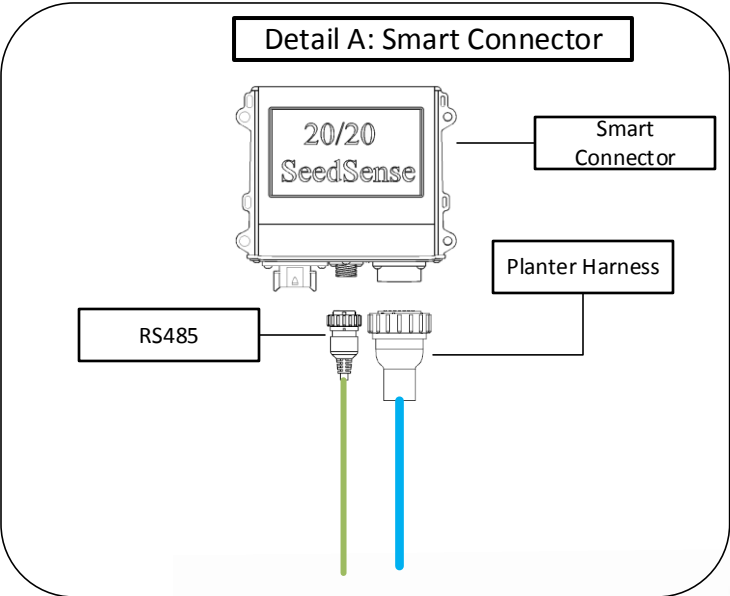
SeedSense®

Planter Diagrams

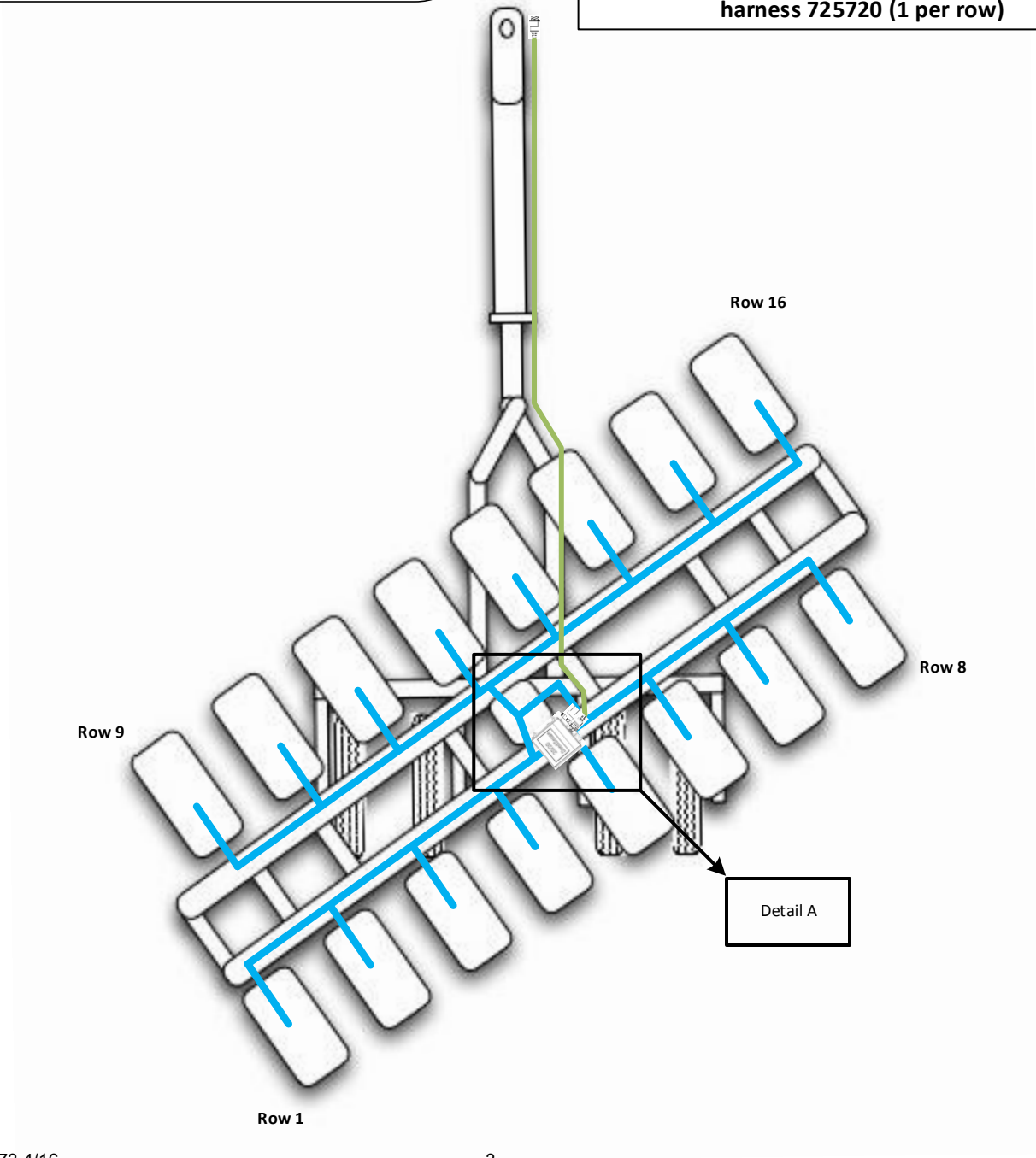
Precision
Planting®

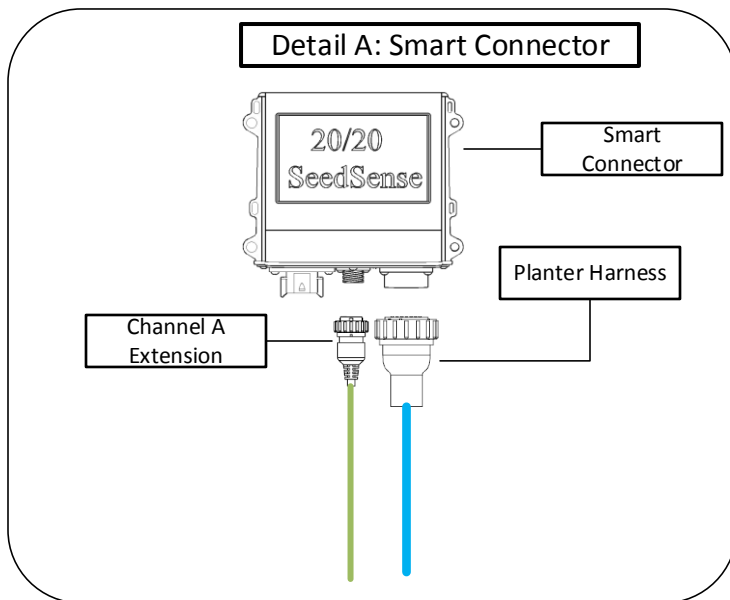
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Electrical Systems Overview			
Kinze 2XXX (KPM), 3XXX, 4900 <32 rows Lift & Twist			
Item	Part NO	Description	QTY
1	725411-477	RS485 extension (channel A/B)	1
2	725301-345	Planter Harness*	1
3	725712	Smart Connector	1
The Smart Connector mounting location may vary slightly from planter to planter			
Note A: The rear rows of a Lift/Twist Kinze planter are the 'left' rows (16 rows total, rows 1-8)			
Note B: This planter does not support sending seed data to the original 3 rd party monitor			
Note C: SeedTube sensors must be replaced with Dickey-John or WaveVision sensors. 2013+ 3XXX planters can use existing sensors with adapter harness 725720 (1 per row)			



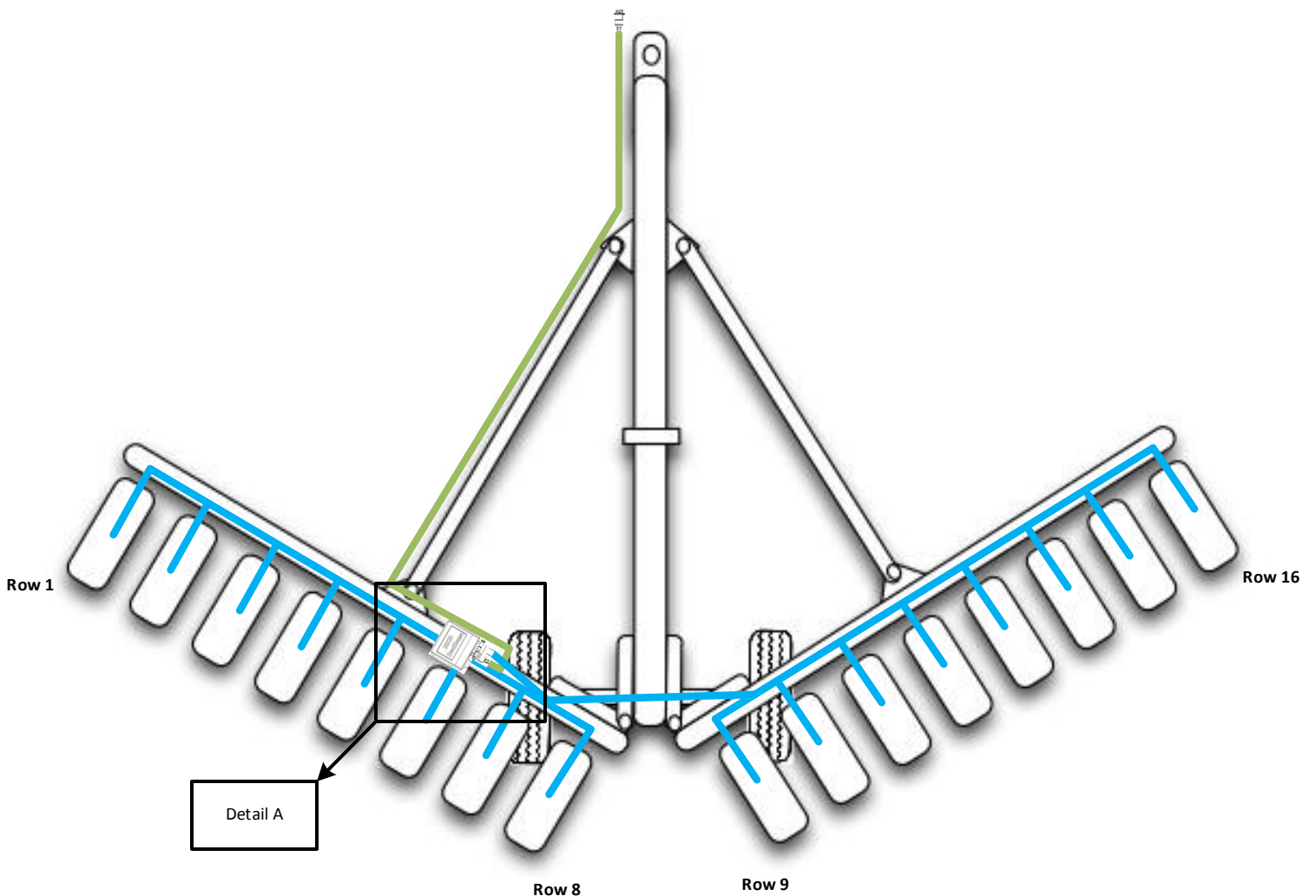


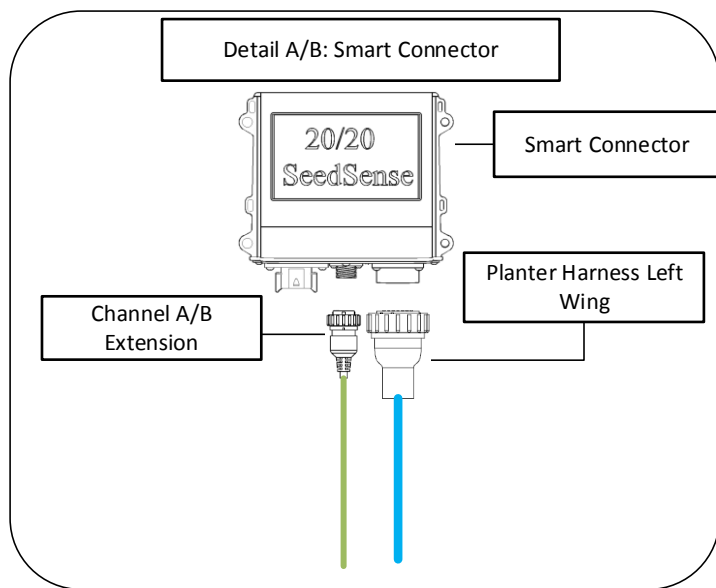
Kinze KPM, Monosem MPM, White SM400SE/GTA/C3000, CaseIH 12X0 series <32 rows			
Item	Part NO	Description	QTY
1	725411-477	RS485 extension (channel A/B)	1
2	725301-345	Planter Harness*	1
3	725712	Smart Connector	1

The planter frame type and Smart Connector mounting location may vary slightly from planter to planter

Note A: This planter does not support sending seed data to the original 3rd party monitor

Note B: SeedTube sensors must be replaced with Dickey-John sensors on the Kinze and CaseIH planters. 2013+ Kinze 3XXX planters can use existing sensors with adapter harness 725720 (1 per row)





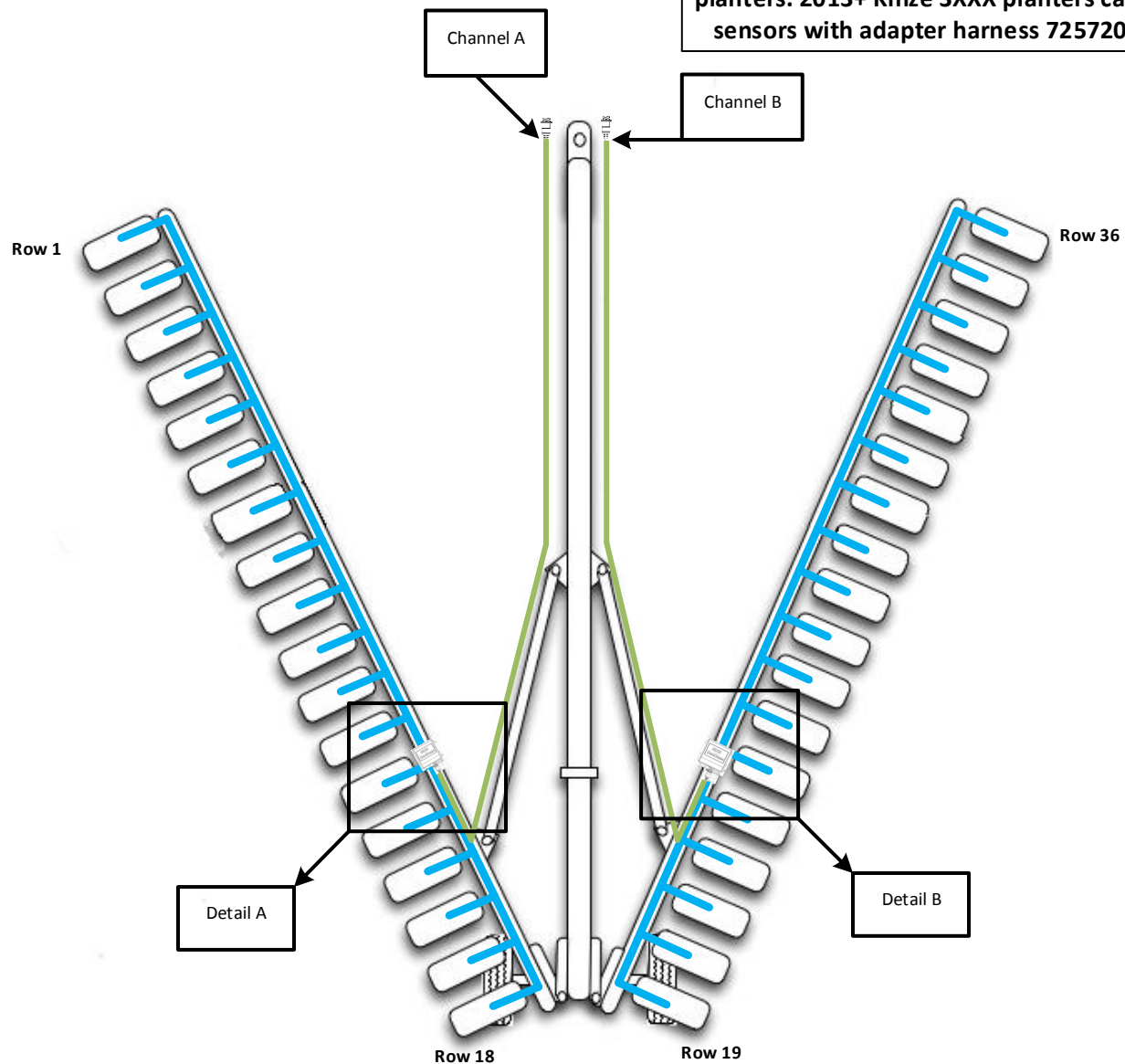
Kinze KPM, Monosem MPM, White SM400SE/GTA/C3000, CaseIH 12X0 series >32 rows			
Item	Part NO	Description	QTY
1	725411-477	RS485 extensions (channel A/B)	3
2	725301-345	Planter Harness	1
3	725712	Smart Connector	2

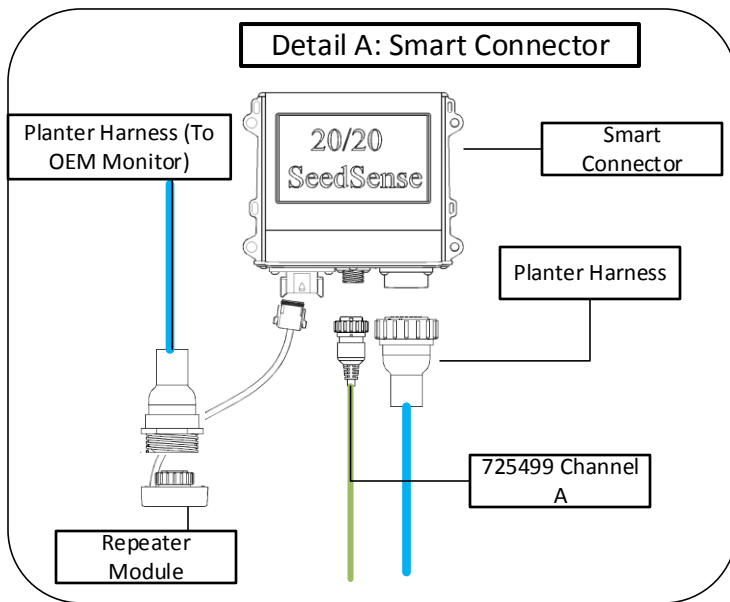
The planter frame type and Smart Connector mounting location may vary slightly from planter to planter

Note A: This planter does not support sending seed data to the original 3rd party monitor

Note B: The provided 725411 RS485 harness is designed to extend Channel B harness to the hitch

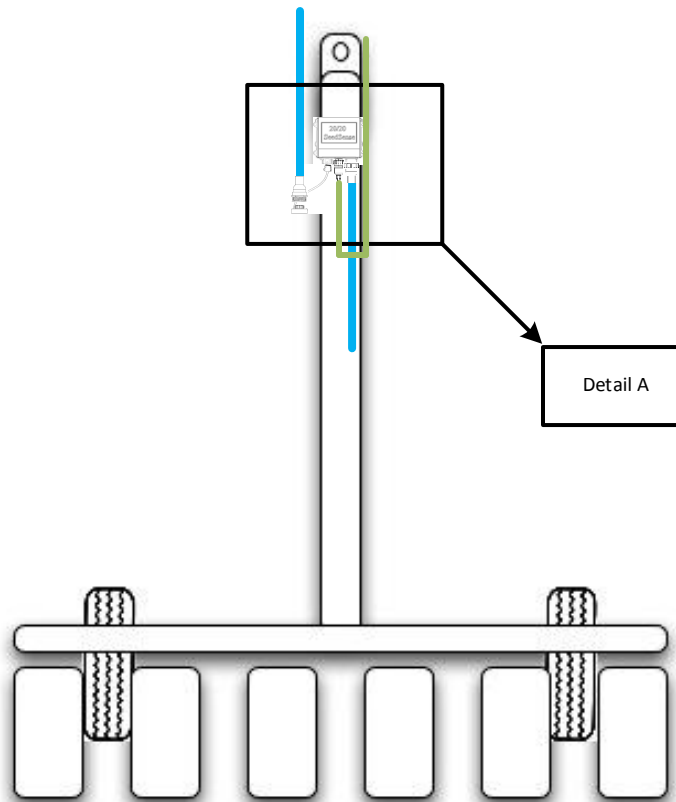
Note B: SeedTube sensors must be replaced with Dickey-John sensors on the Kinze and CaseIH planters. 2013+ Kinze 3XXX planters can use existing sensors with adapter harness 725720 (1 per row)

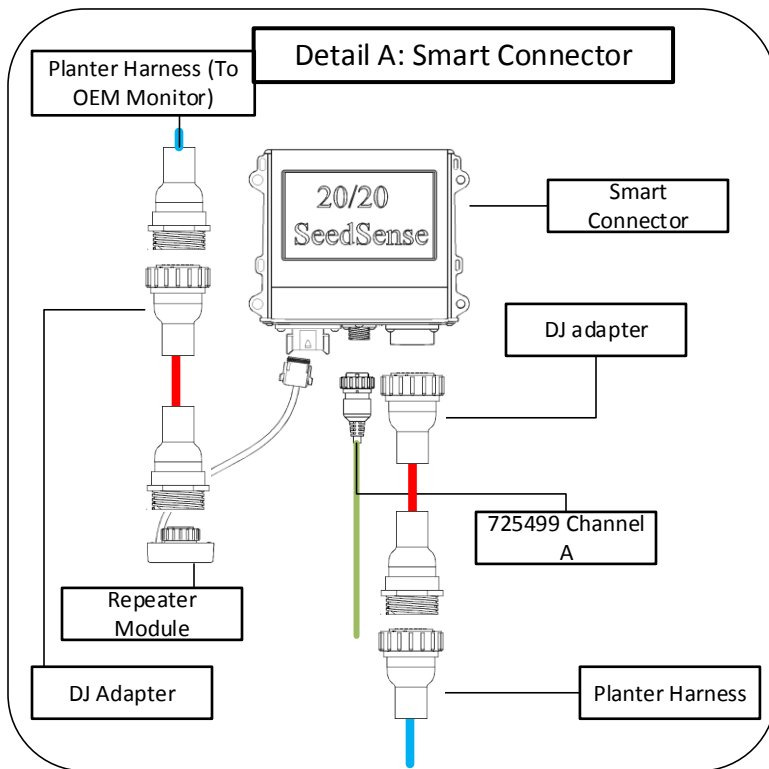




CompuTrack Monitor <32 Rows			
Item	Part NO	Description	QTY
1	725499	Universal Tractor Harness	1
2	725714	Repeater Module	1
3	725712	Smart Connector	1
4	OEM	OEM Planter Harness	1

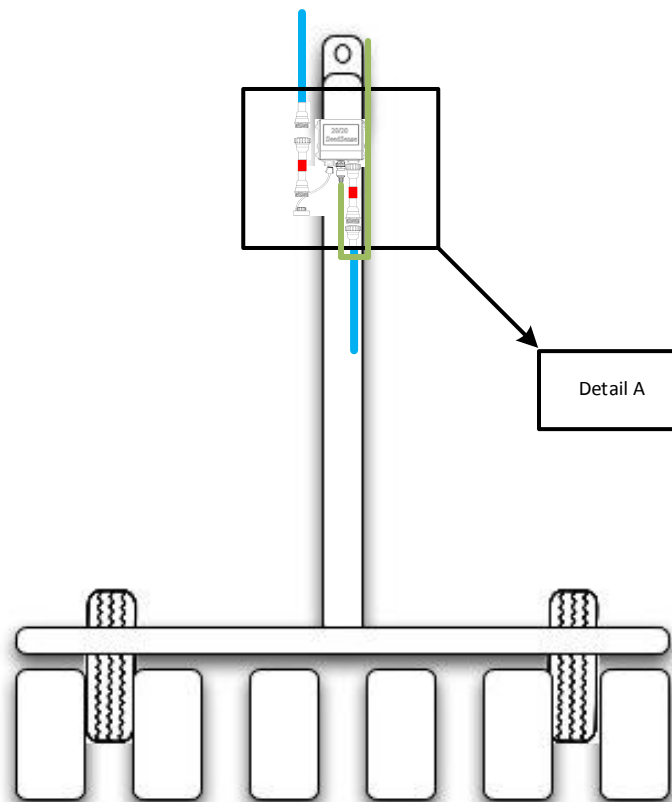
The Smart Connector mounting location may vary slightly from planter to planter

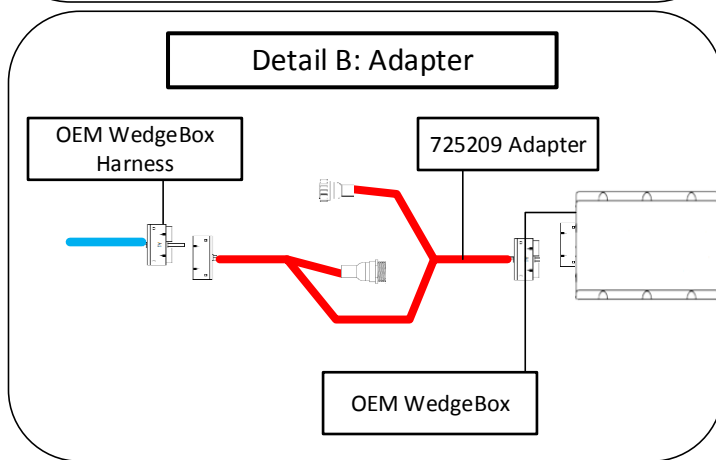
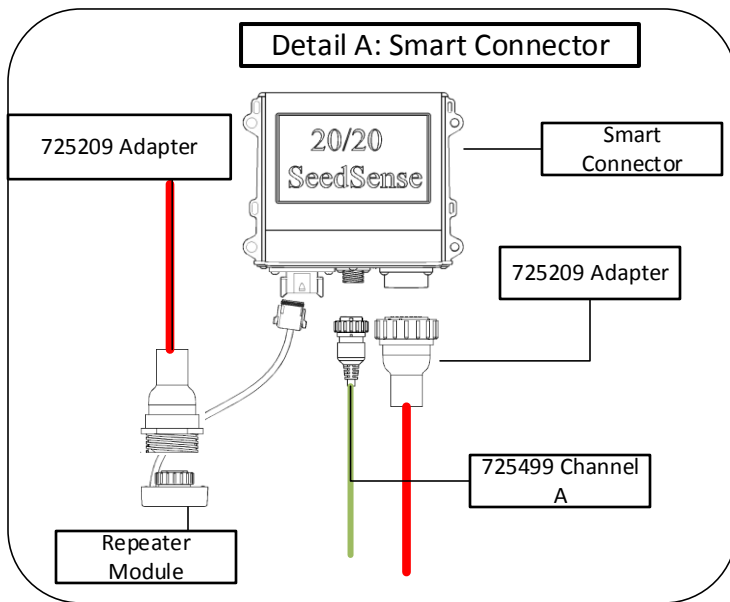




Dickey-John Monitor <32 Rows			
Item	Part NO	Description	QTY
1	725499	Universal Tractor Harness	1
2	725714	Repeater Module	1
3	725712	Smart Connector	1
4	725234	Dickey-John Adapters	1
5	OEM	OEM Planter Harness	1

The Smart Connector mounting location may vary slightly from planter to planter

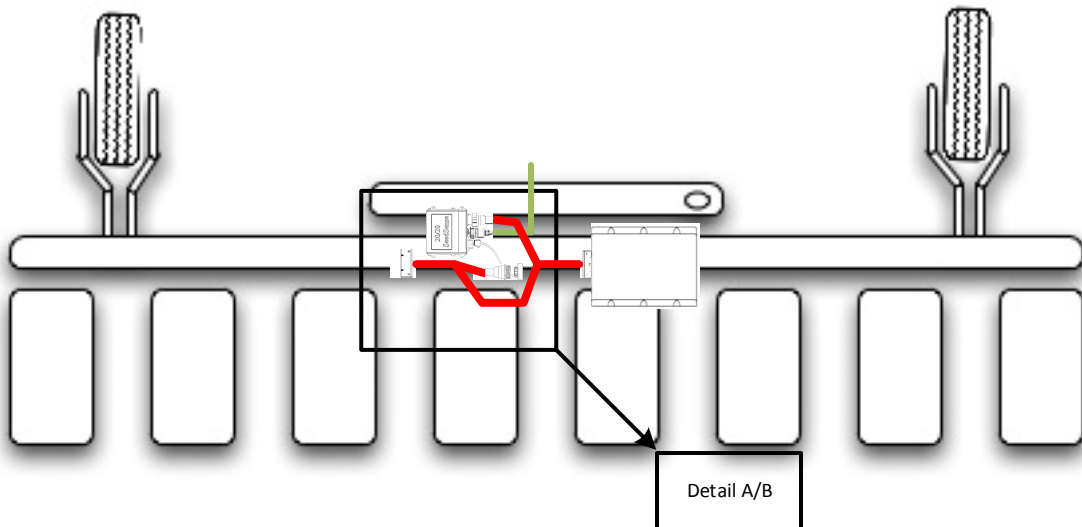


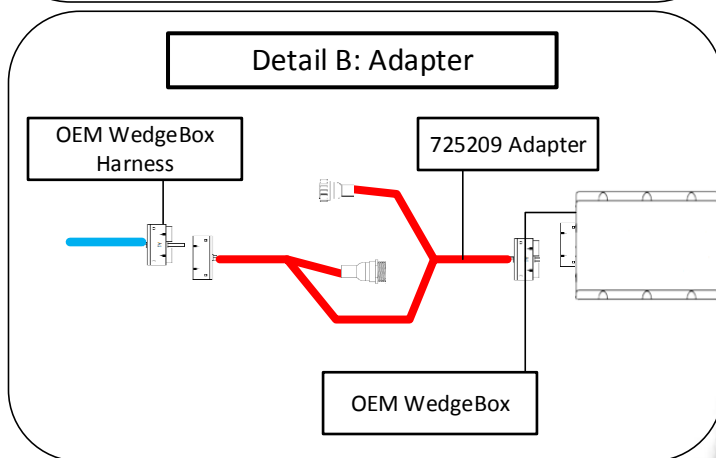
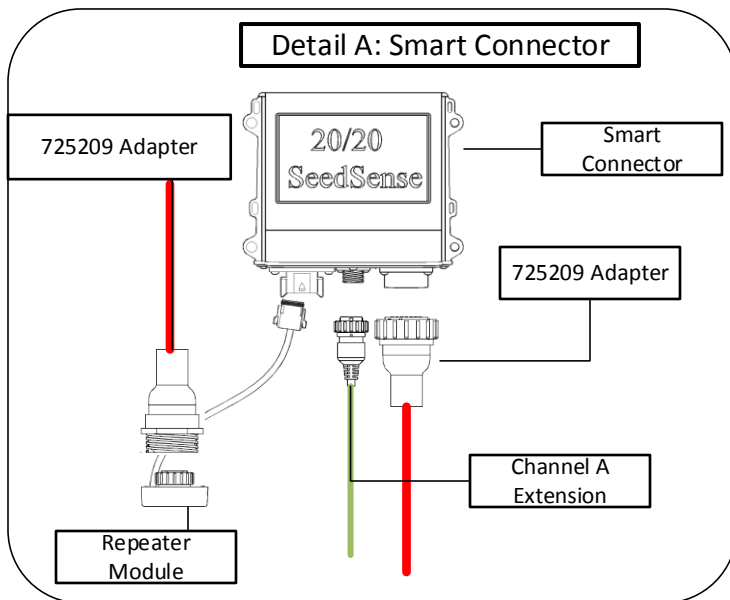


SeedStar 2002 and Earlier 3pt <32 Rows			
Item	Part NO	Description	QTY
1	725499	Universal Tractor Harness	1
2	725714	Repeater Module	1
3	725712	Smart Connector	1
4	725209	Metra-Pack Adapter -2002	1
5	OEM	OEM Planter Harness	1

The WedgeBox and Smart Connector mounting location may vary slightly from planter to planter

The 725209 adapter has a 2 pin WP connection on it. This connection is only used on SeedSense harnesses manufacture before 2009

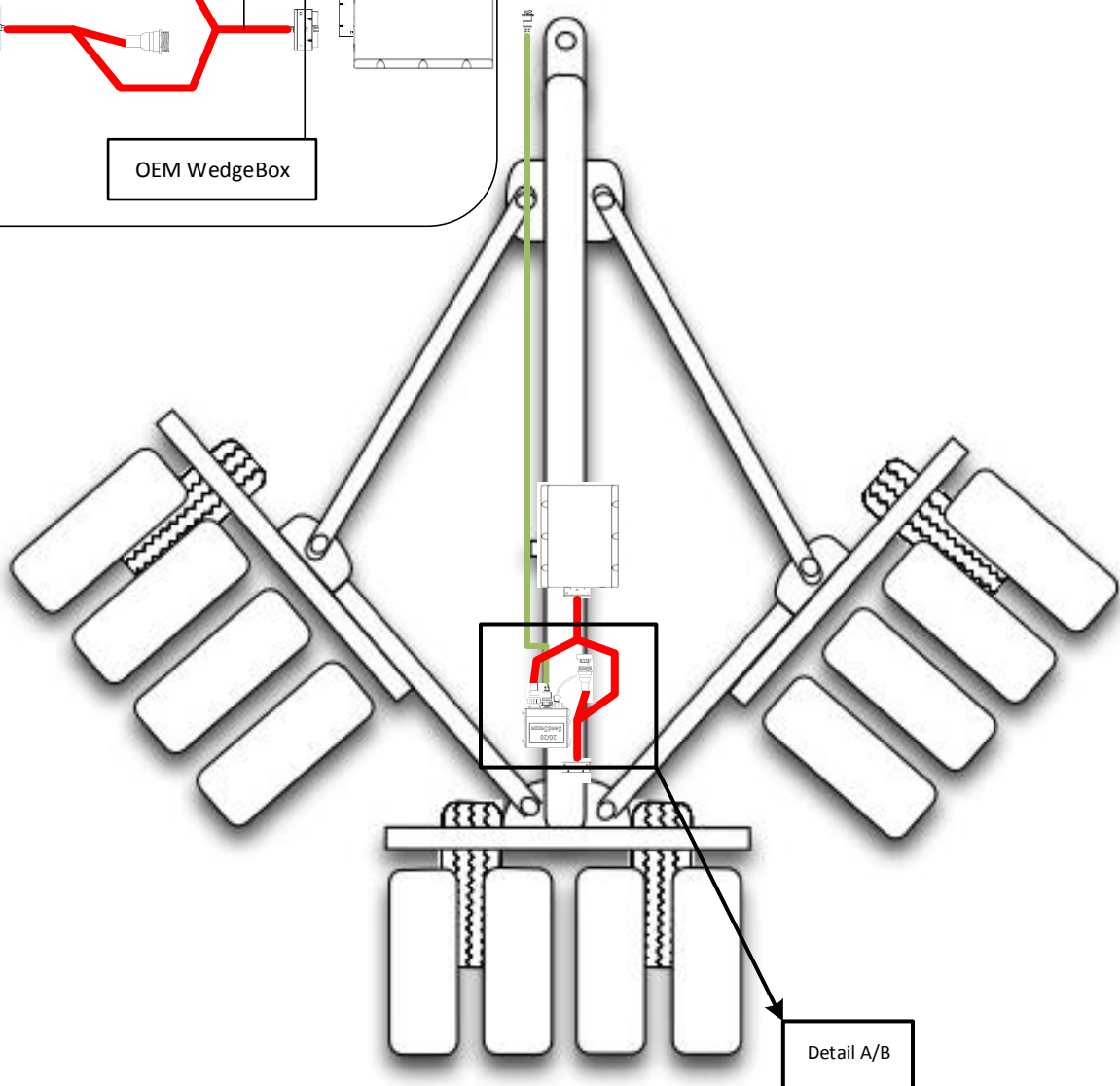


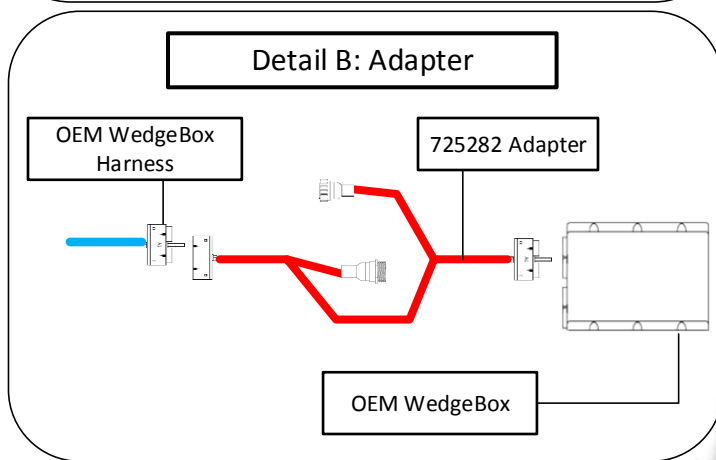
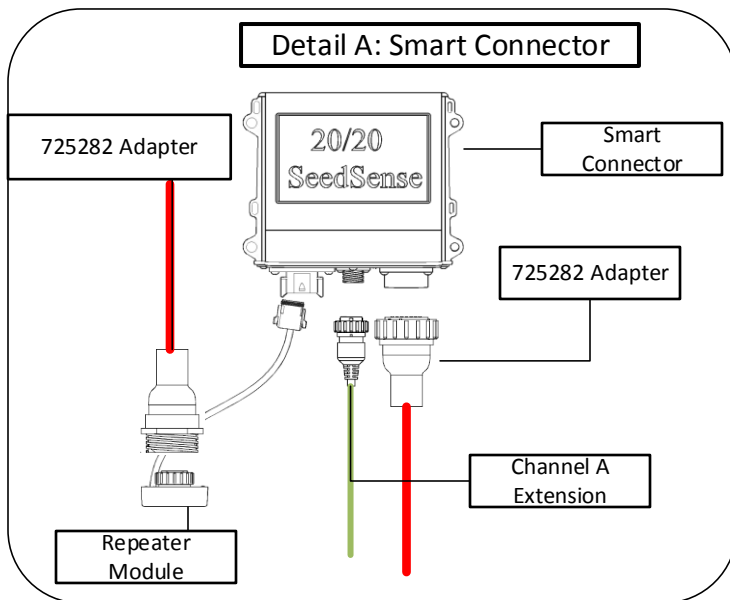


SeedStar 2002 and Earlier Pull <32 Rows			
Item	Part NO	Description	QTY
1	725411-477	RS485 extension (channel A/B)	1
2	725714	Repeater Module	1
3	725712	Smart Connector	1
4	725209	Metra-Pack Adapter -2002	1
5	OEM	OEM Planter Harness	1

The WedgeBox and Smart Connector mounting location may vary slightly from planter to planter

The 725209 adapter has a 2 pin WP connection on it. This connection is only used on SeedSense harnesses manufacture before 2009

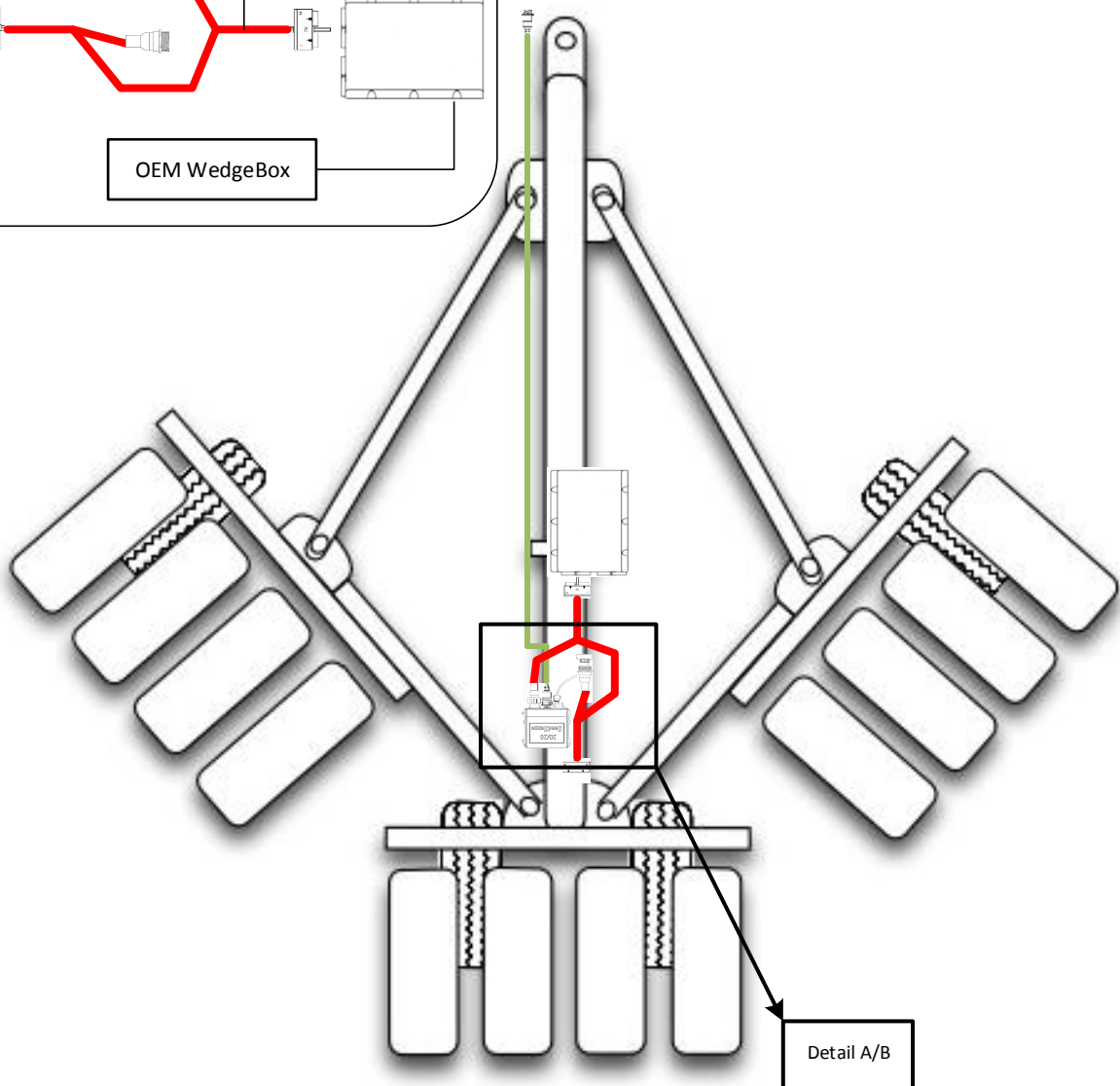


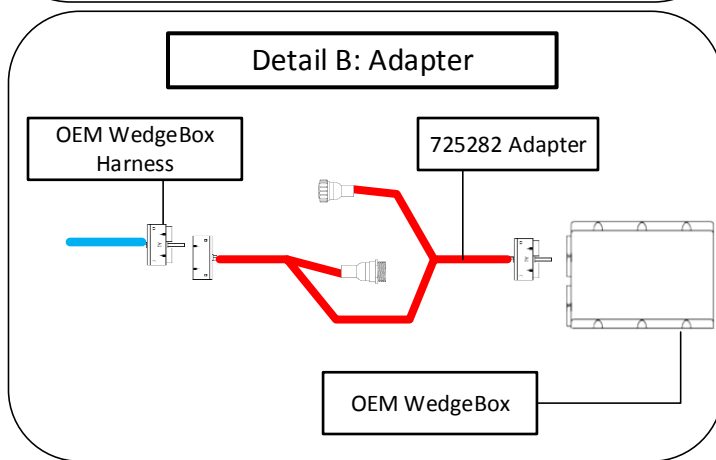
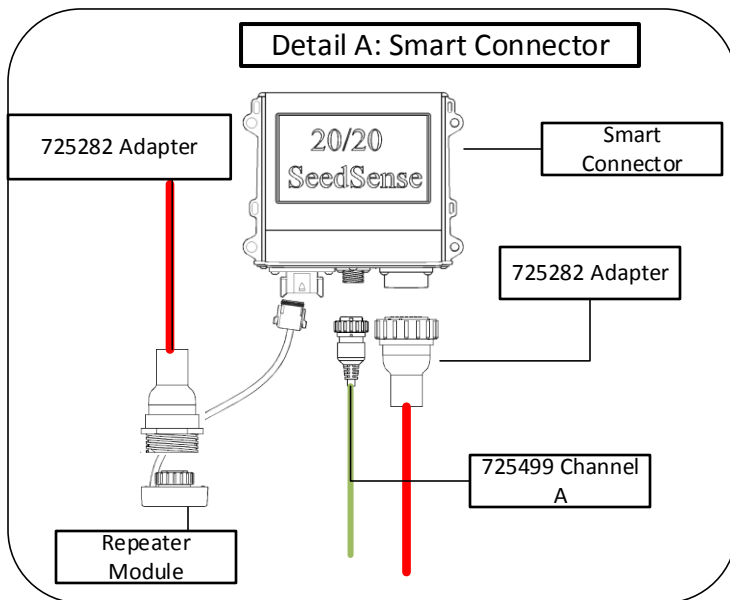


SeedStar 2003-2010 <15 Rows & 2011+ <16 Rows Pull			
Item	Part NO	Description	QTY
1	725411-477	RS485 extension (channel A/B)	1
2	725714	Repeater Module	1
3	725712	Smart Connector	1
4	725282	WedgeBox Adapter 2003+ 4-15 Rows	1
5	OEM	OEM Planter Harness	1

The WedgeBox and Smart Connector mounting location may vary slightly from planter to planter

The 725282 adapter has a 2 pin WP connection on it. This connection is only used on SeedSense harnesses manufacture before 2009

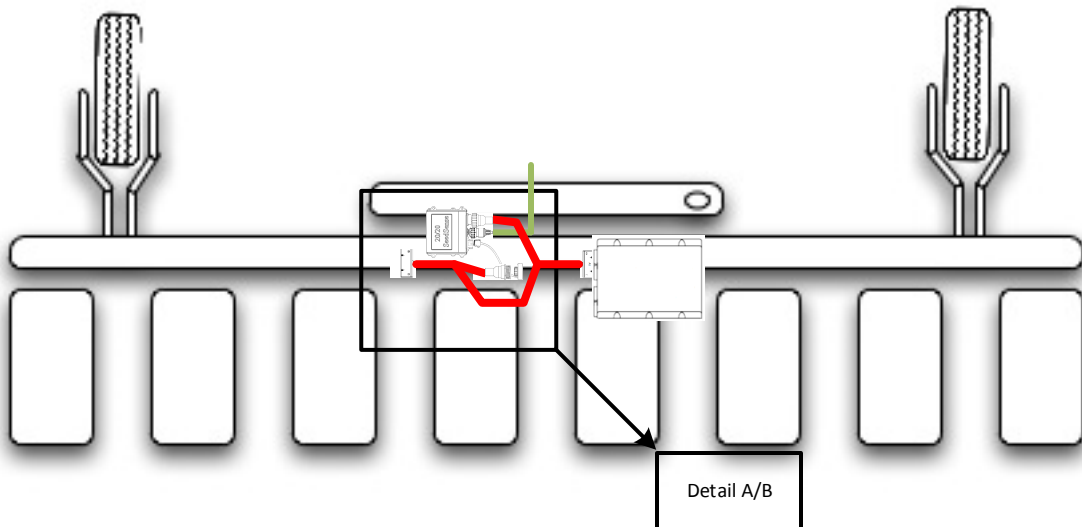


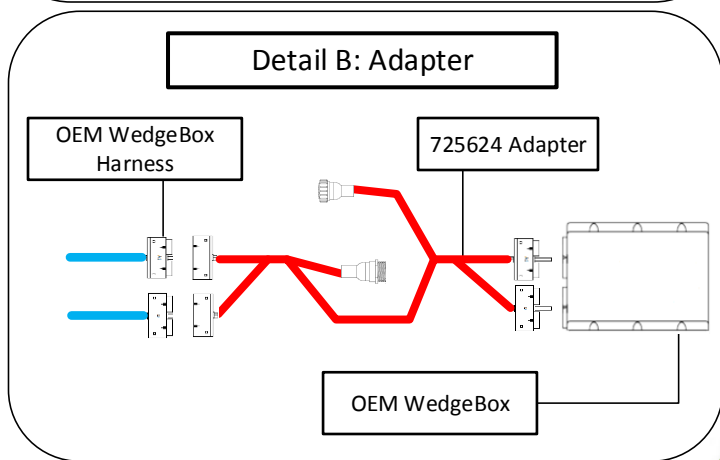
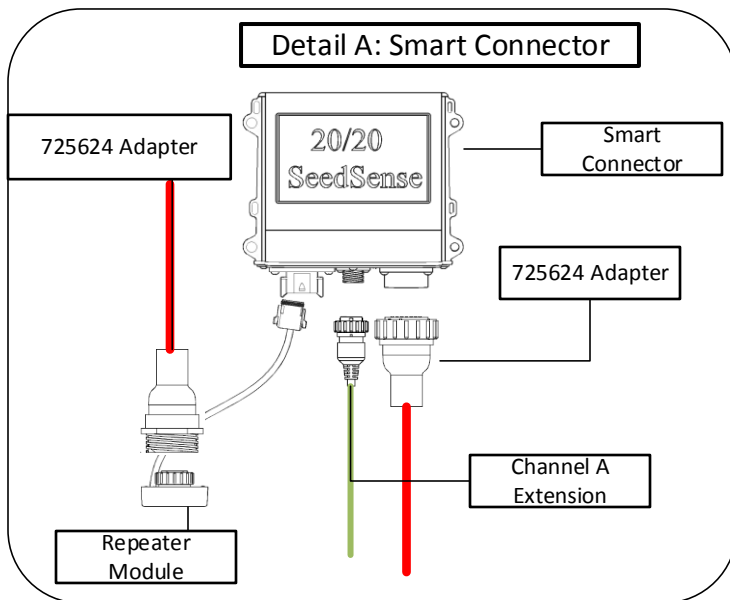


SeedStar 2003-2010 <15 Rows & 2011+ <16 Rows 3pt			
Item	Part NO	Description	QTY
1	725499	Universal Tractor Harness	1
2	725714	Repeater Module	1
3	725712	Smart Connector	1
4	725282	WedgeBox Adapter 4-15 Rows 2003+	1
5	OEM	OEM Planter Harness	1

The WedgeBox and Smart Connector mounting location may vary slightly from planter to planter

The 725282 adapter has a 2 pin WP connection on it. This connection is only used on SeedSense harnesses manufacture before 2009

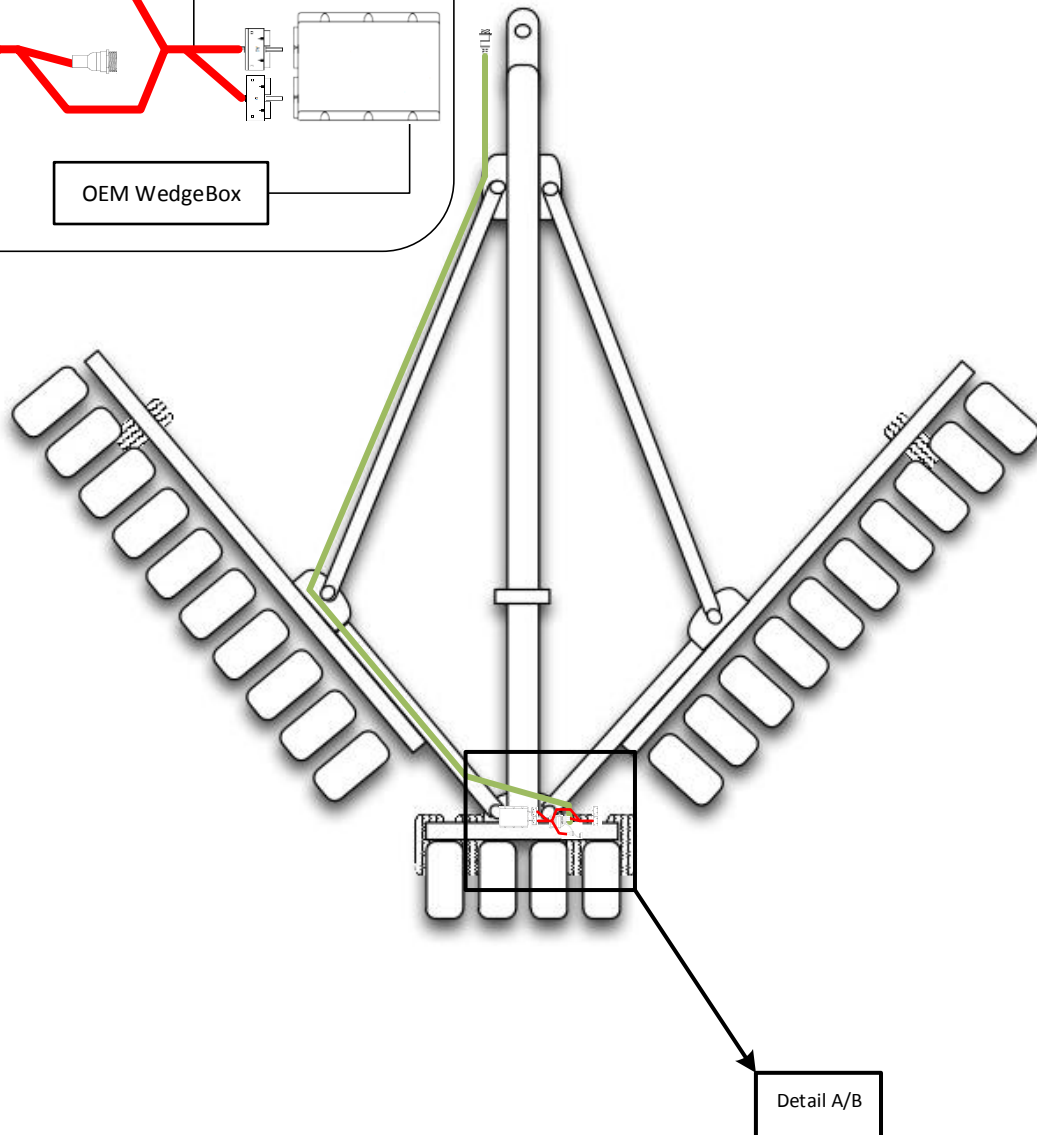


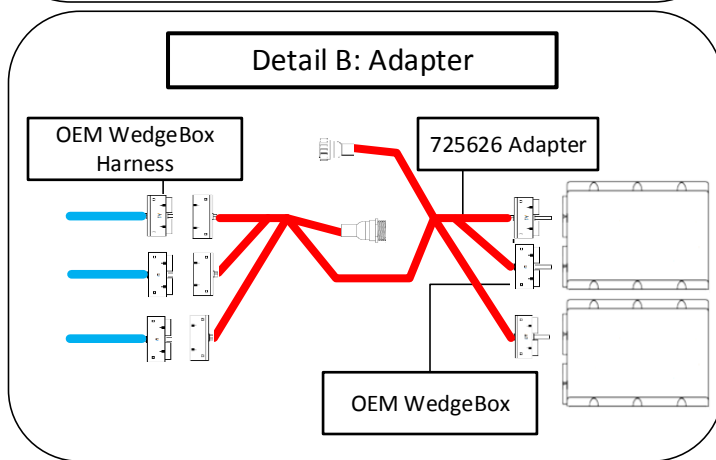
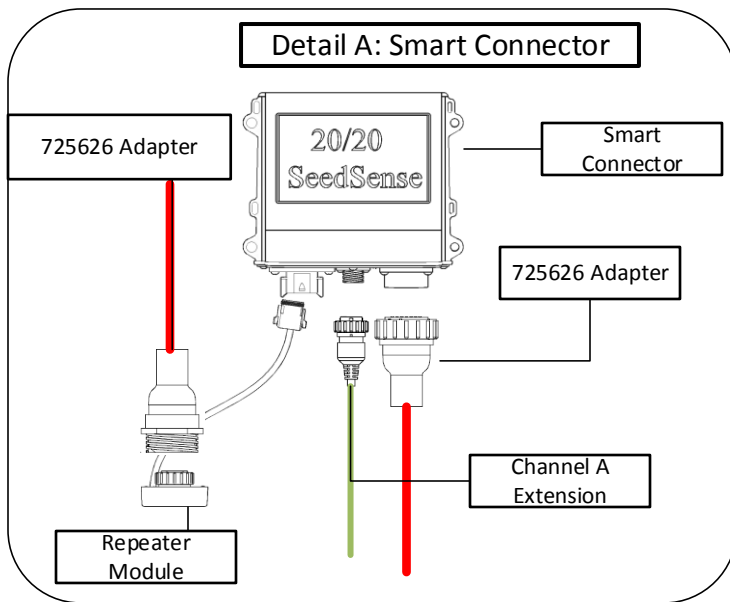


SeedStar 2011 and Newer 17-24 Rows			
Item	Part NO	Description	QTY
1	725411-477	RS485 extension (channel A/B)	1
2	725714	Repeater Module	1
3	725712	Smart Connector	1
4	725624	WedgeBox Adapter 17-24 Rows 2011+	1
5	OEM	OEM Planter Harness	1

The WedgeBox and Smart Connector mounting location may vary slightly from planter to planter

The 725624 adapter has a 2 pin WP connection on it. This connection is only used on SeedSense harnesses manufacture before 2009

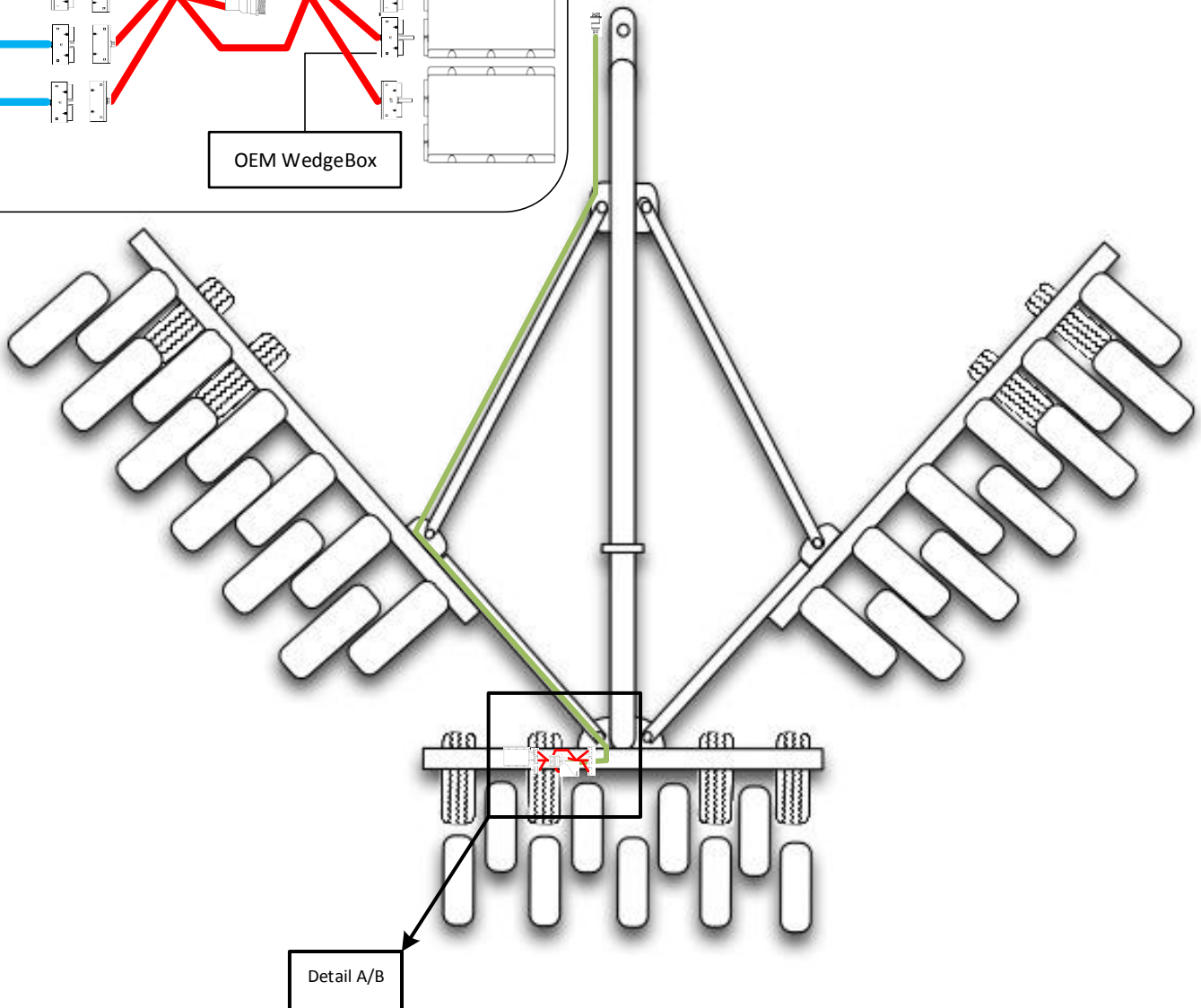


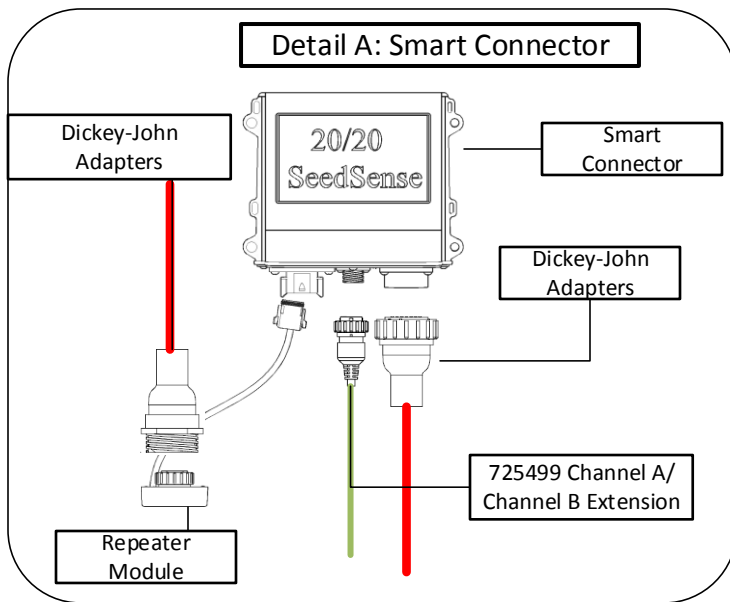


SeedStar 2011 and Newer 25-32 Rows			
Item	Part NO	Description	QTY
1	725411-477	RS485 extension (channel A/B)	1
2	725714	Repeater Module	1
3	725712	Smart Connector	1
4	725626	WedgeBox Adapter 25-32 Rows 2011+	1
5	OEM	OEM Planter Harness	1

The WedgeBox and Smart Connector mounting location may vary slightly from planter to planter

The 725626 adapter has a 2 pin WP connection on it. This connection is only used on SeedSense harnesses manufacture before 2009



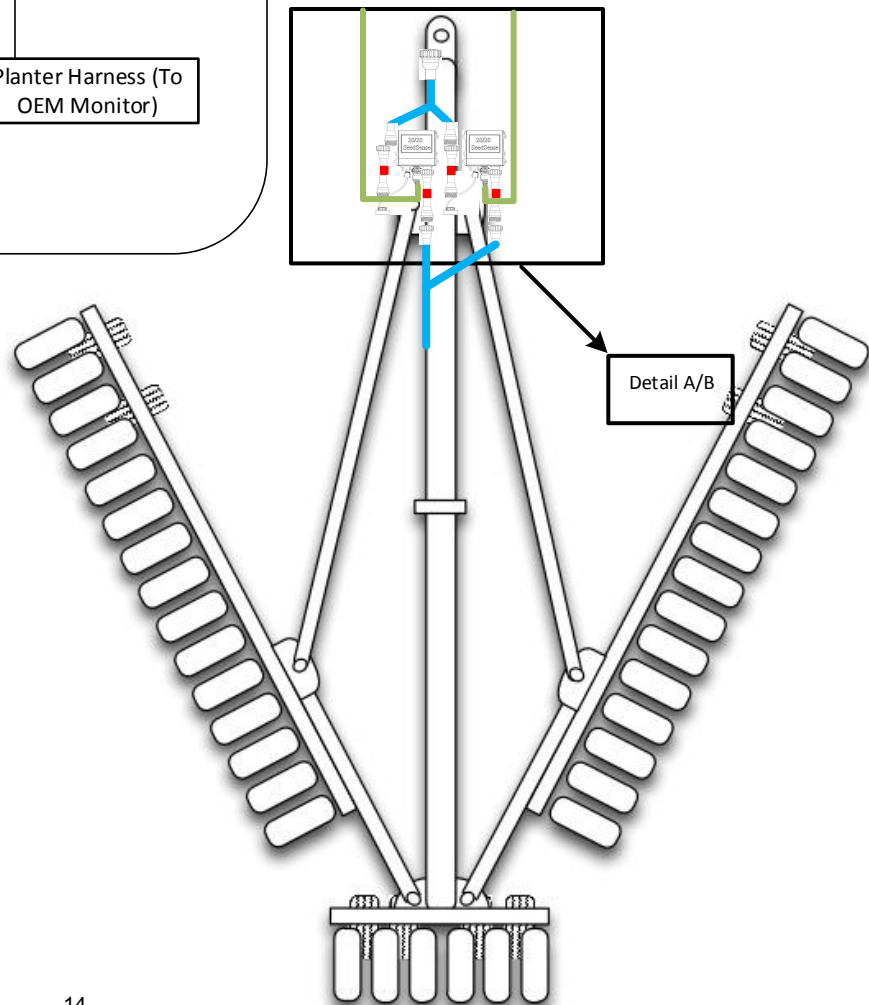
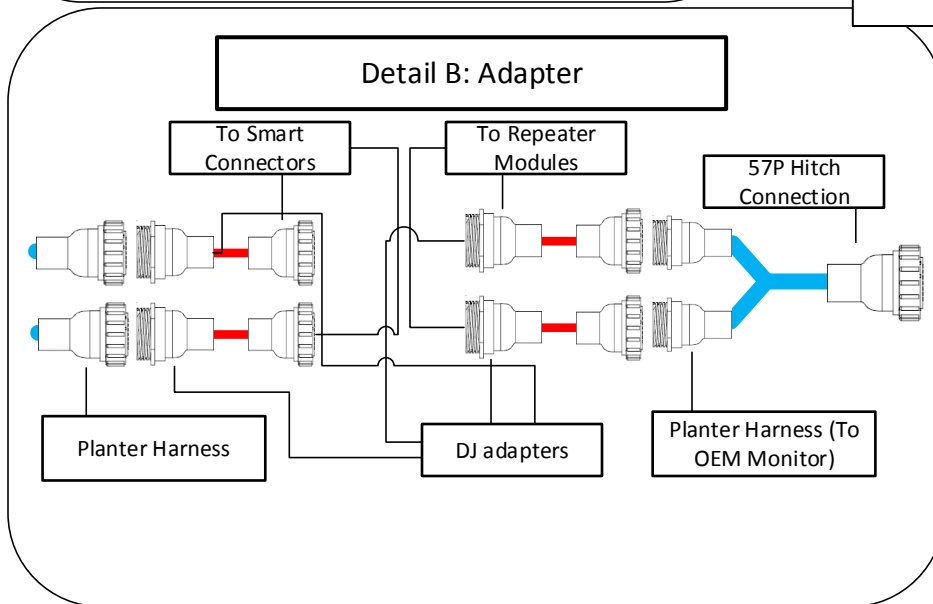


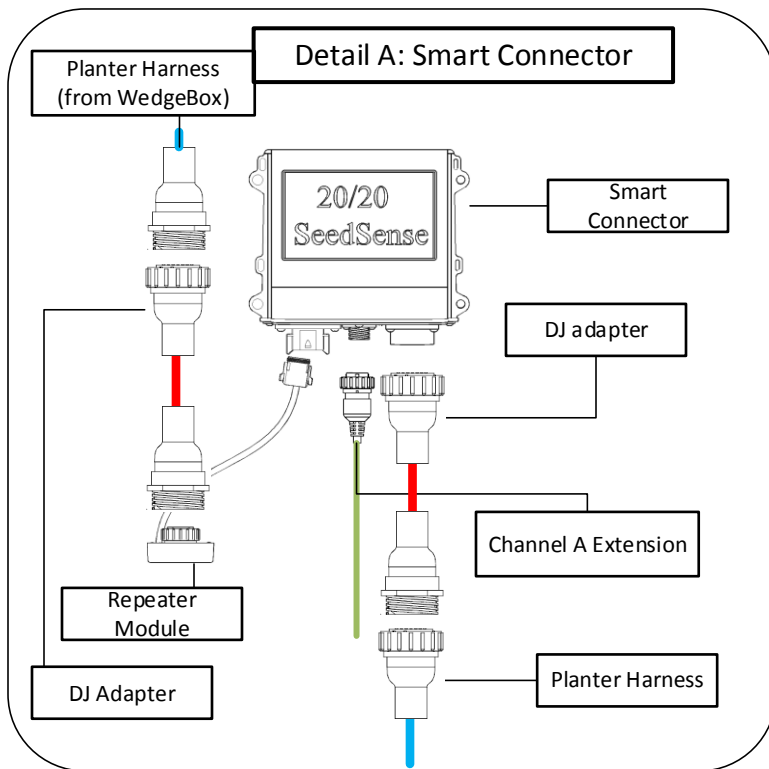
DB 57P CompuTrack 450			
Item	Part NO	Description	QTY
1	725499	Universal Tractor Harness	1
2	725411	RS485 Channel B extension	1
3	725714	Repeater Module	2
4	725712	Smart Connector	2
5	725234	Dickey-John Adapters	2
6	OEM	OEM Planter Harness	1

The Smart Connector mounting location may vary slightly from planter to planter

Note A: The provided 725411 harness extends the 725499 Channel B connection to the hitch

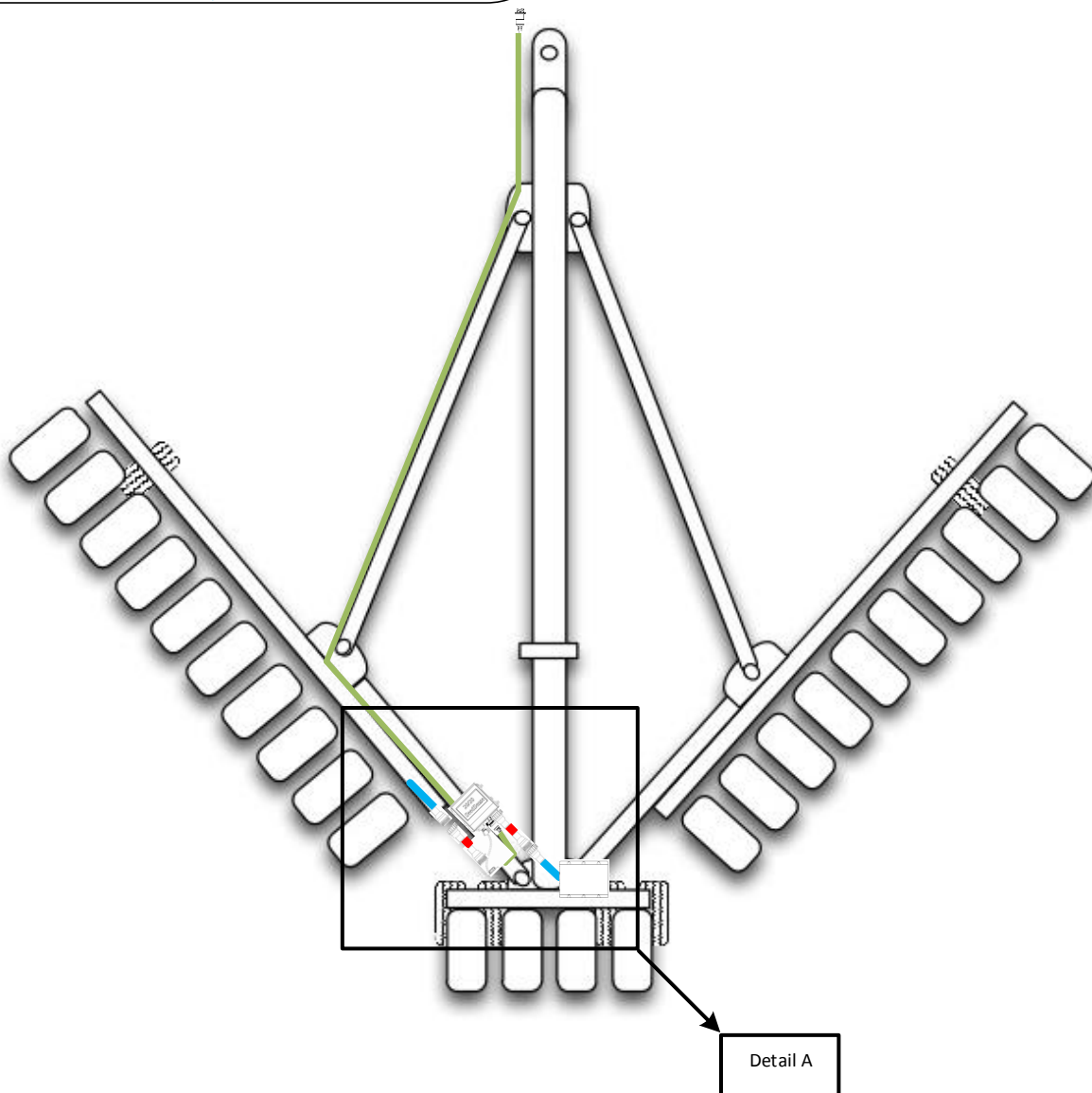
Note B: Channel A Smart Connector will be plugged into the Left rows, Channel B Smart Connector will be plugged into the Right rows.

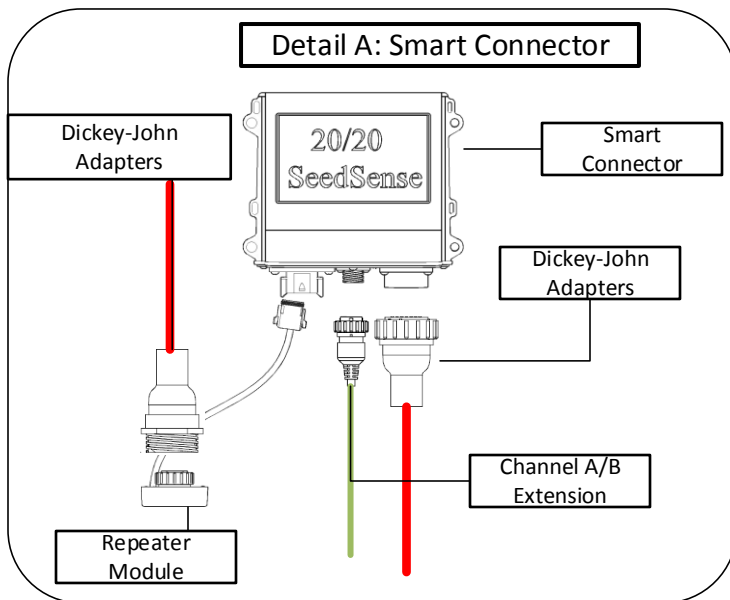




DB SeedStar 2011 and Before 24-32 Row			
Item	Part NO	Description	QTY
1	725468	RS485 Channel A/B extension	1
2	725714	Repeater Module	1
3	725712	Smart Connector	1
4	725234	Dickey-John Adapters	1
5	OEM	OEM Planter Harness	1

The Smart Connector mounting location may vary slightly from planter to planter



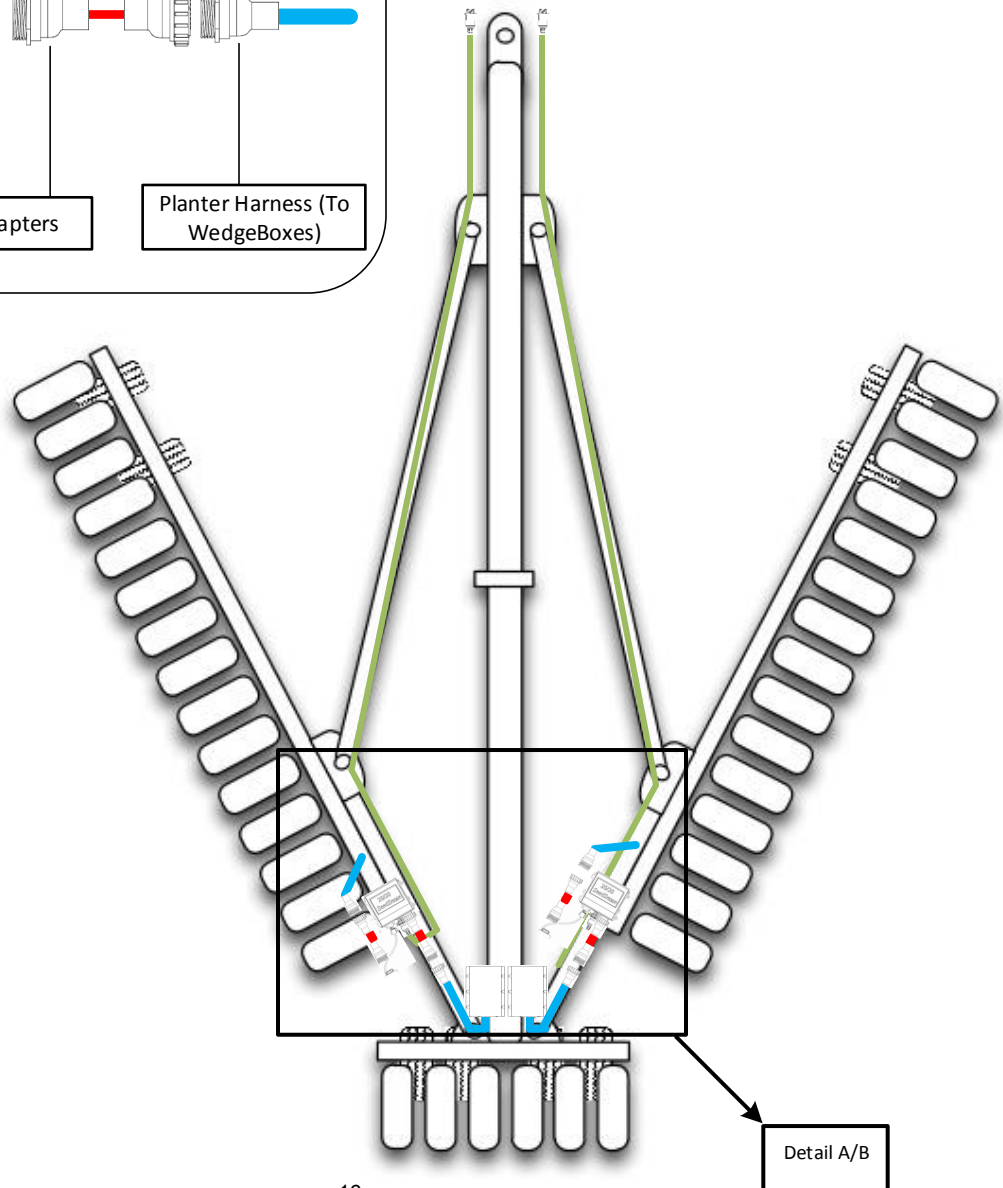
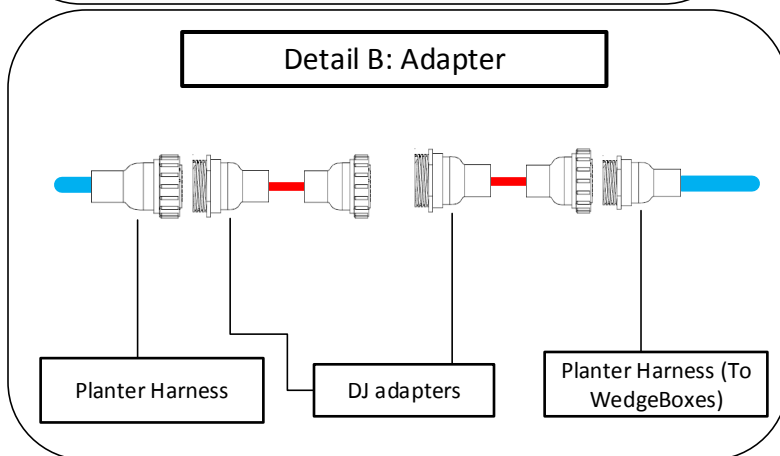


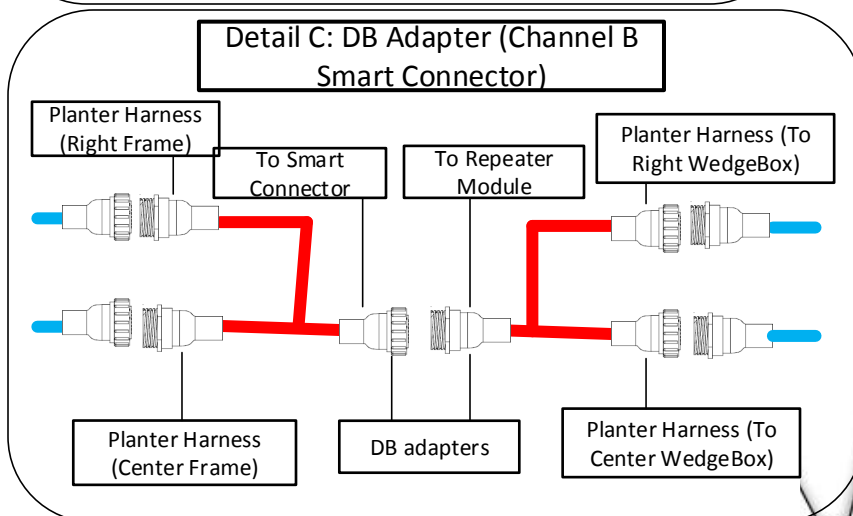
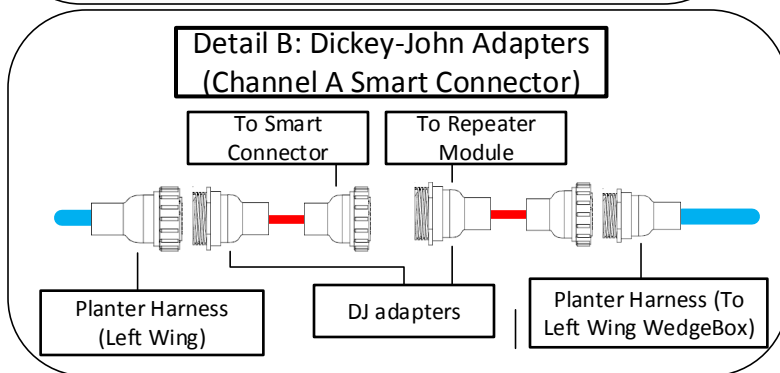
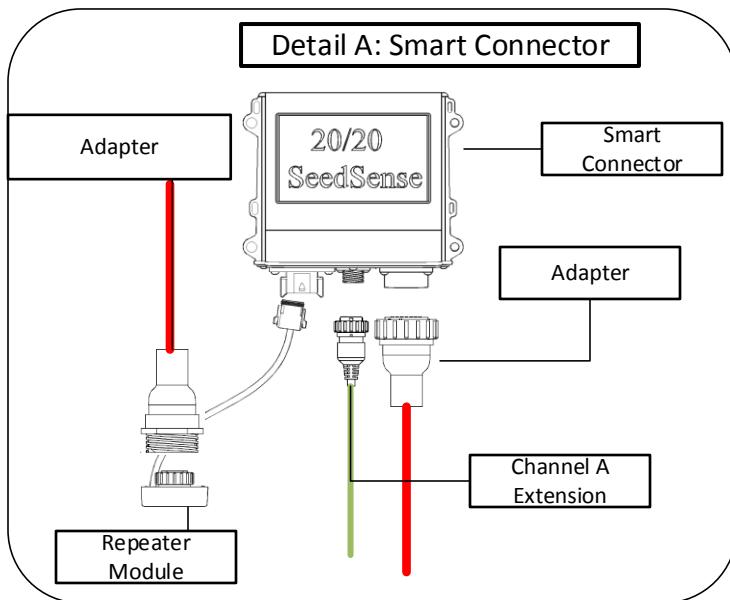
DB SeedStar 2011 and Before >32 Row			
Item	Part NO	Description	QTY
1	725411-477	RS485 Channel A/B extension	3
2	725714	Repeater Module	2
3	725712	Smart Connector	2
4	725234	Dickey-John Adapters	2
5	OEM	OEM Planter Harness	1

The Smart Connector mounting location may vary slightly from planter to planter

Note A: The provided 725411 harness extends the 725499 Channel B connection to the hitch

Note B: Channel A Smart Connector will be plugged into the Left rows, Channel B Smart Connector will be plugged into the Right rows.



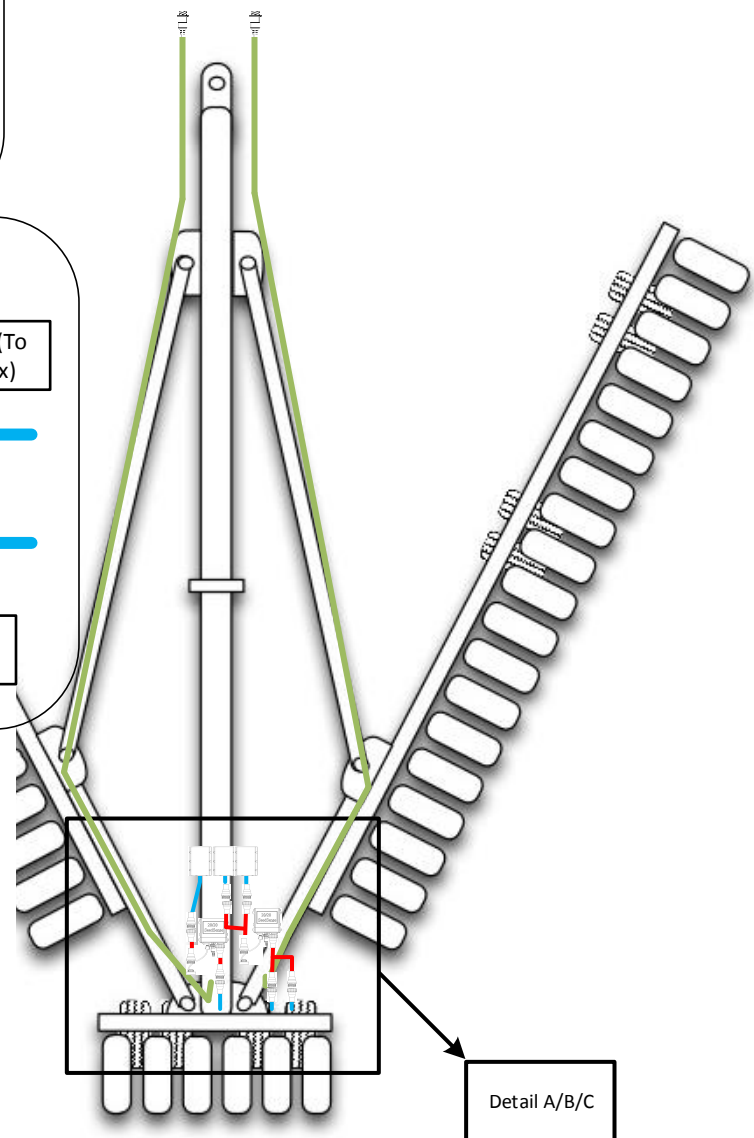


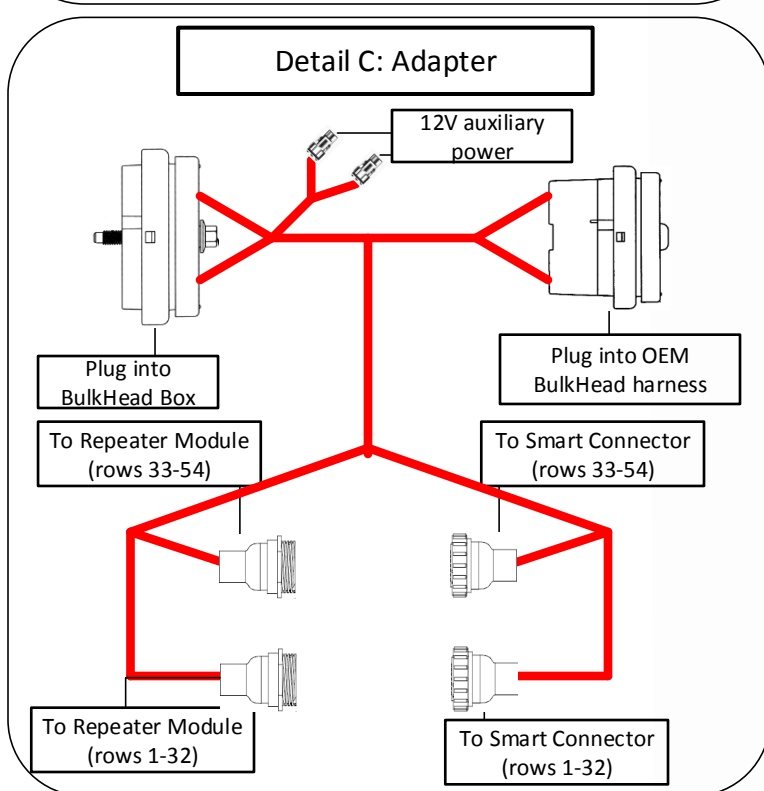
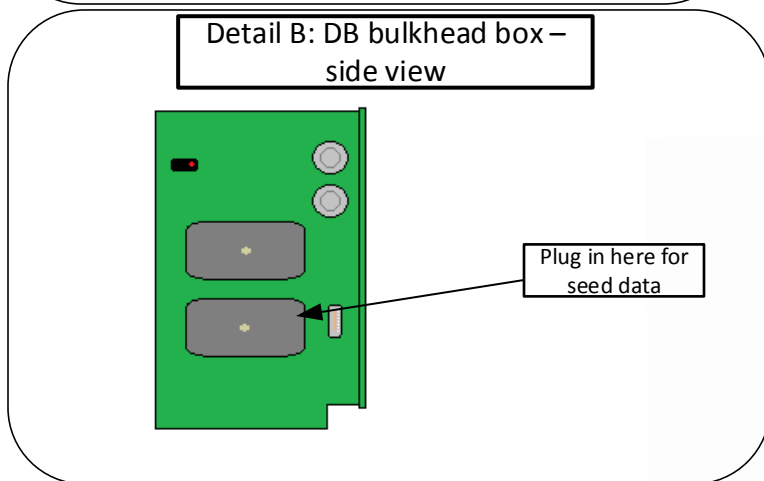
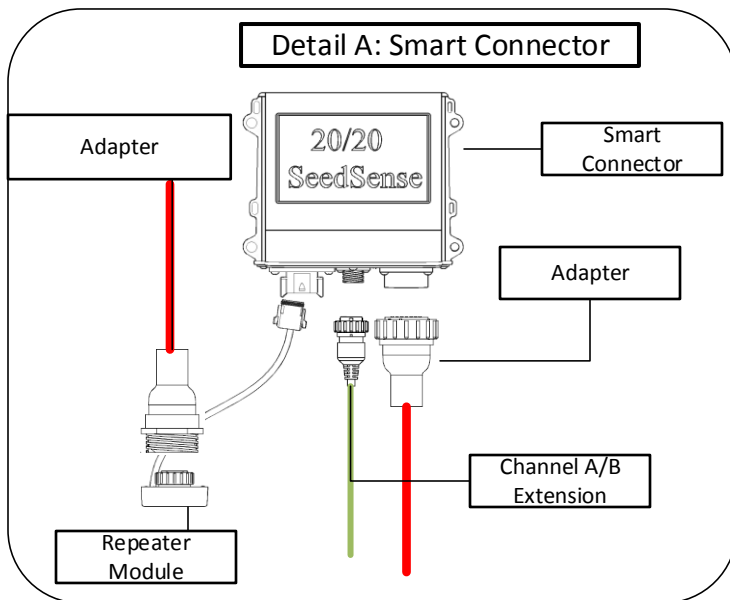
DB SeedStar 2011 and Before 48/54 Row			
Item	Part NO	Description	QTY
1	725411-477	RS485 Channel A/B extension	3
2	725714	Repeater Module	2
3	725712	Smart Connector	2
4	725234	Dickey-John Adapters	1
5	725554-556	DB Send/Receive Adapter	2
6	OEM	OEM Planter Harness	1

The Smart Connector mounting location may vary slightly from planter to planter

Note A: The provided 725411 harness extends the 725499 Channel B connection to the hitch

Note B: Channel A Smart Connector will be plugged into the Left frame, Channel B Smart Connector will be plugged into the Right and Center frame.



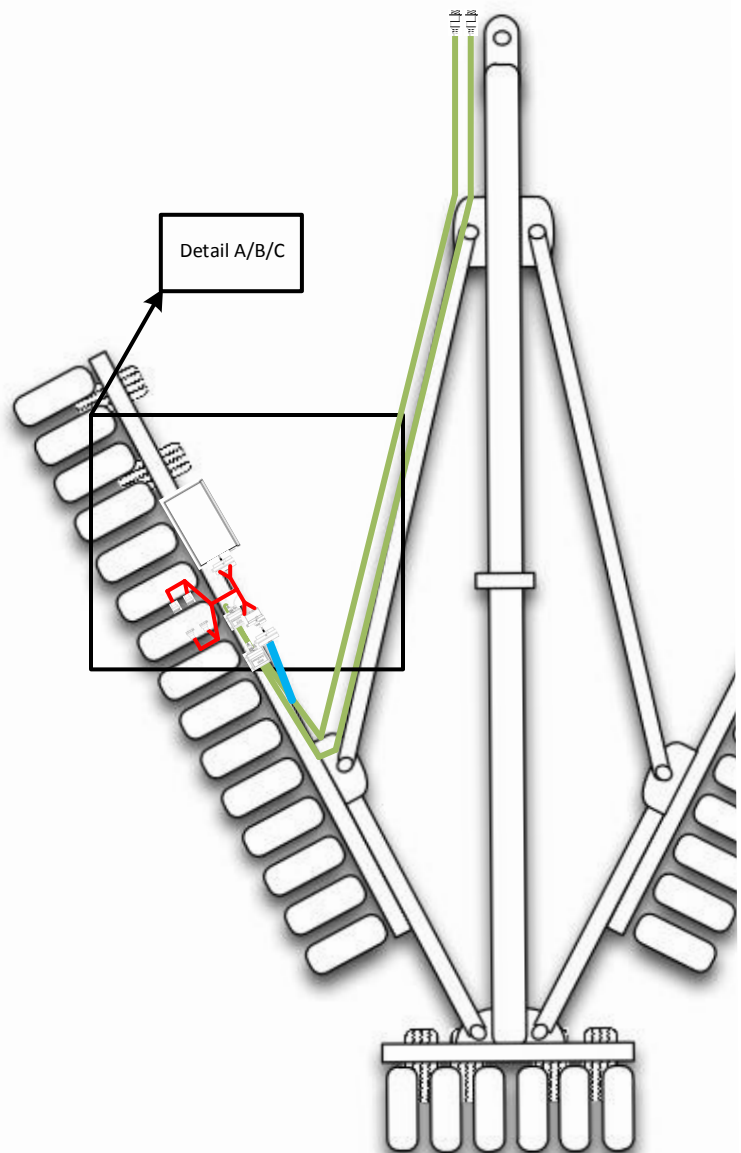


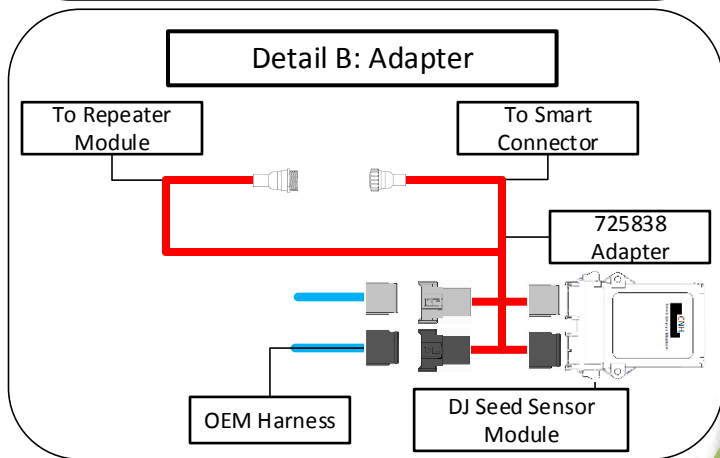
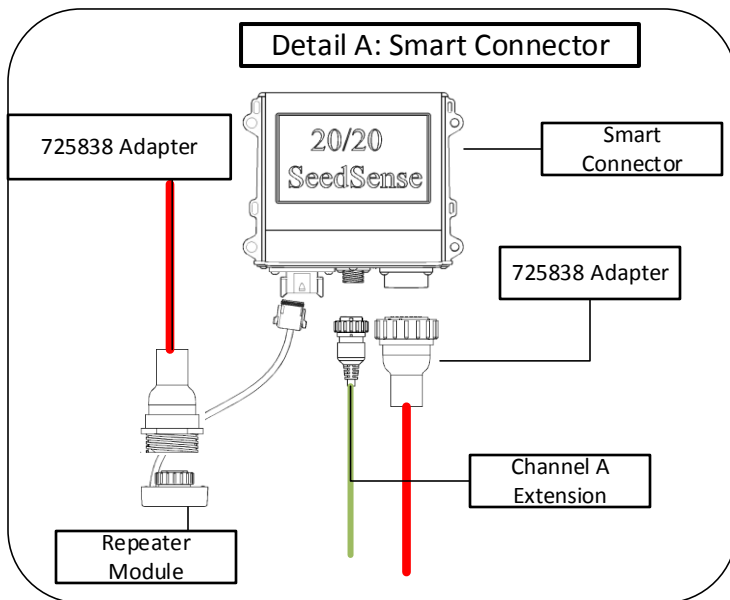
DB 2012 and Newer			
Item	Part NO	Description	QTY
1	725411-477	RS485 Channel A/B extension	3
2	725714	Repeater Module	2
3	725712	Smart Connector	2
4	725701	DB BulkHead Seed Harness	1
5	OEM	OEM Planter Harness	1

The Smart Connector mounting location may vary slightly from planter to planter

Note A: The provided 725411 harness extends the 725499 Channel B connection to the hitch

Note B: Channel A Smart Connector will be plugged into rows 1-32, Channel B Smart Connector will be plugged into rows 33-54.

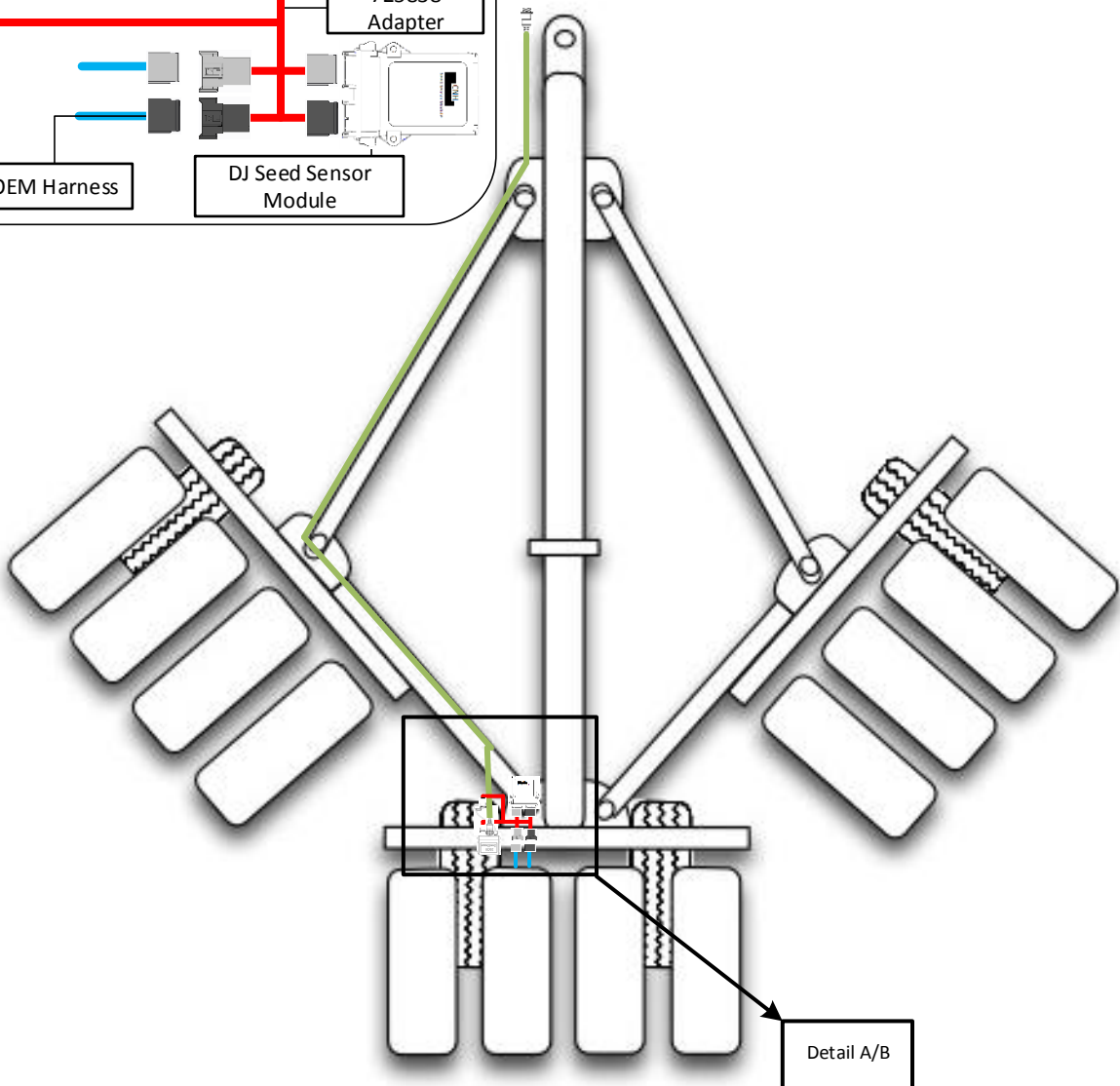


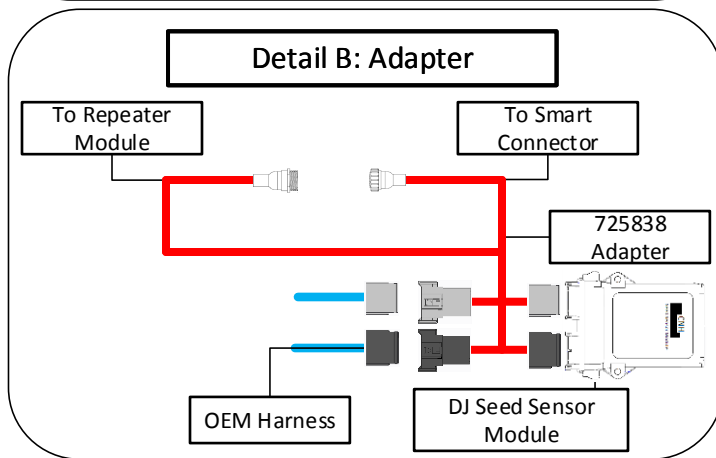
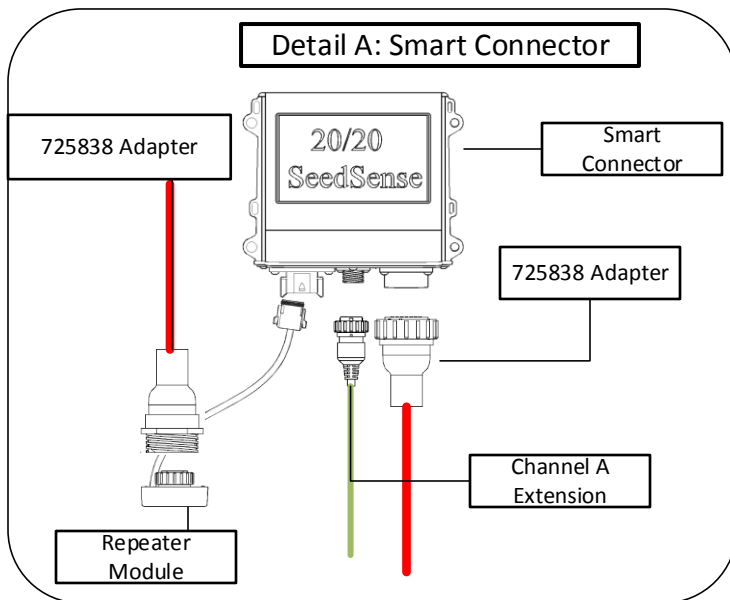


CaseIH 12X5 Series 4-16 Rows			
Item	Part NO	Description	QTY
1	725411-477	RS485 extension (channel A/B)	1
2	725714	Repeater Module	1
3	725712	Smart Connector	1
4	725838	CaseIH Seed Sensor Adapter	1
5	OEM	OEM Planter Harness	1

The WedgeBox and Smart Connector mounting location may vary slightly from planter to planter

3pt planters will not include a RS485 extension, as the Seed Sensor Module can be reached with the Universal Tractor Harness



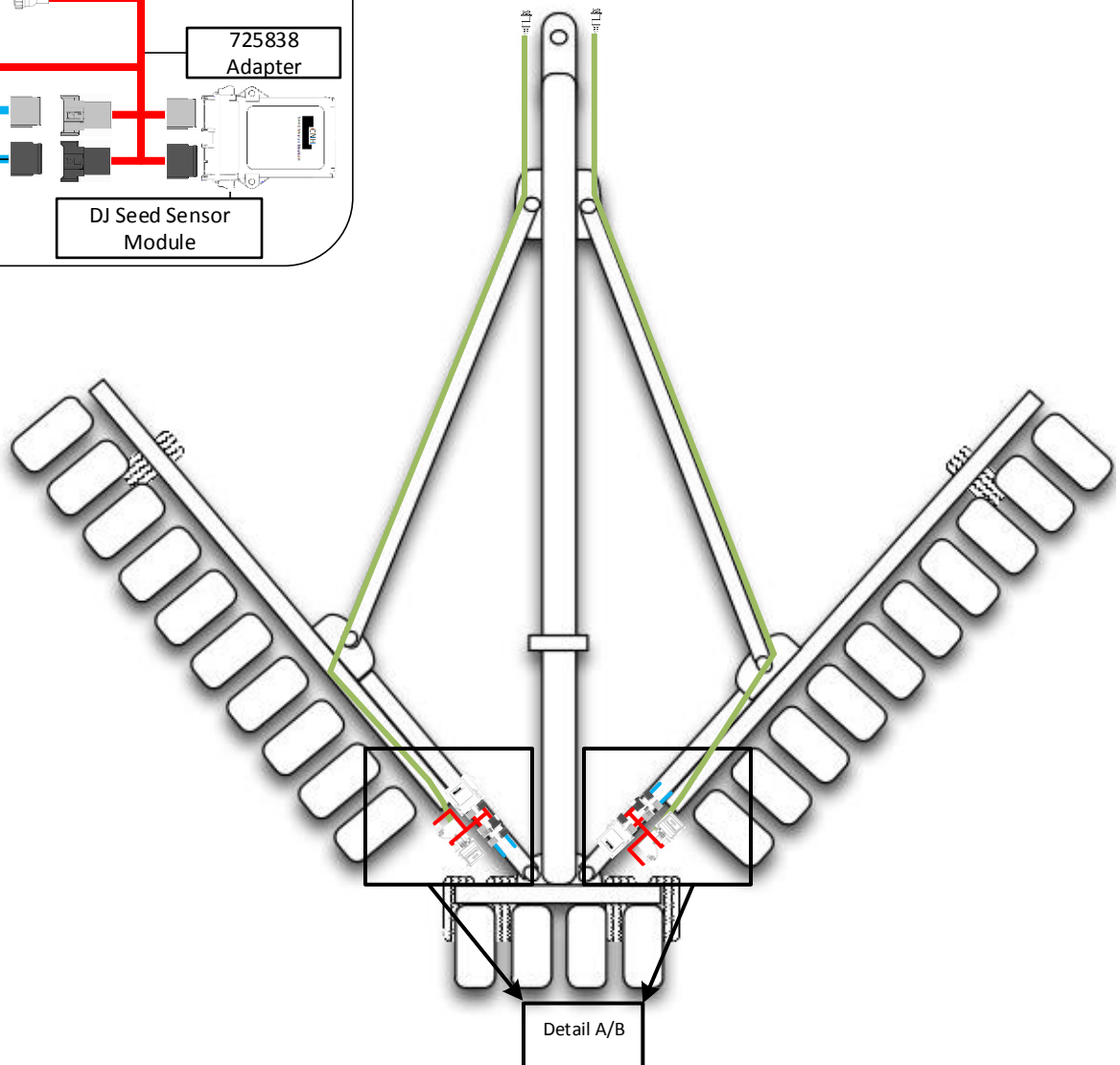


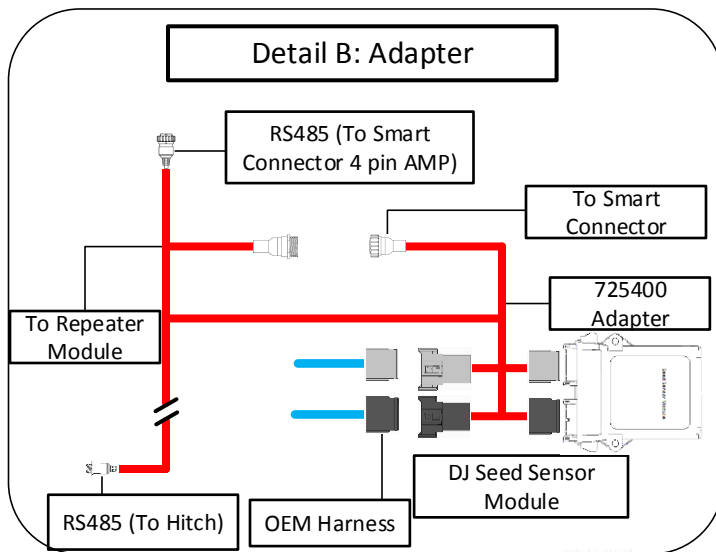
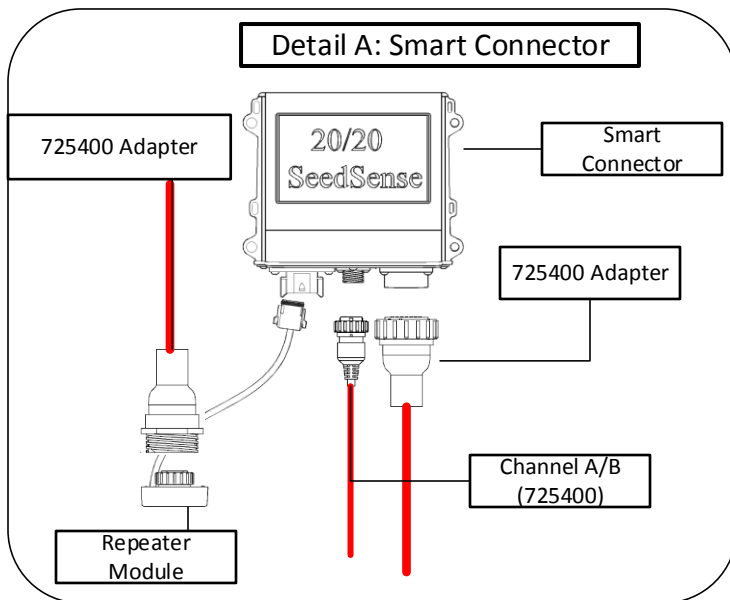
CaseIH 12X5 Series 23-36 Row			
Item	Part NO	Description	QTY
1	725411-477	RS485 Channel A/B extension	3
2	725714	Repeater Module	2
3	725712	Smart Connector	2
4	725838	CaseIH Seed Sensor Adapter	2
5	OEM	OEM Planter Harness	1

The Smart Connector mounting location may vary slightly from planter to planter

Note A: The provided 725411 harness extends the 725499 Channel B connection to the hitch

Note B: Channel A Smart Connector will be plugged into the Left rows, Channel B Smart Connector will be plugged into the Right rows.





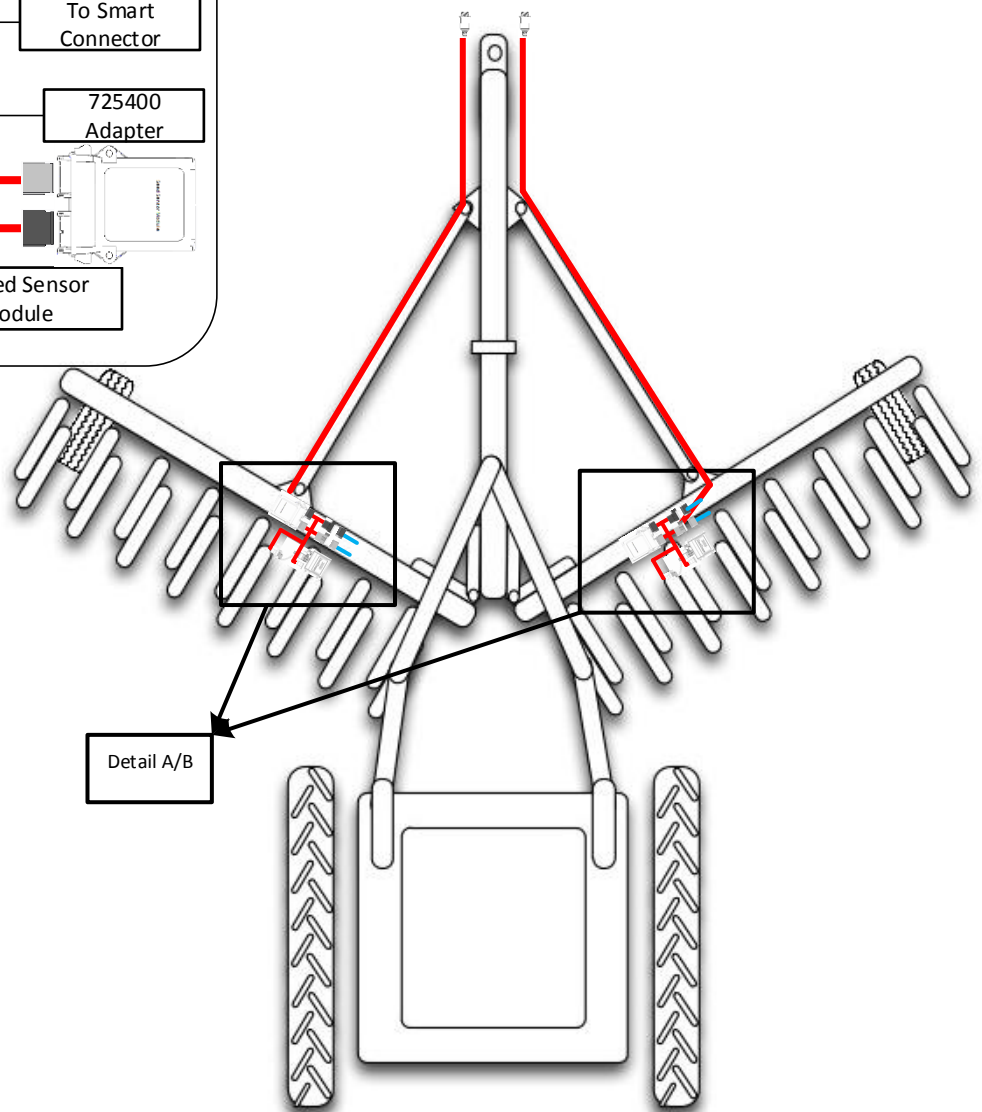
Great Plains YP 1225, 1625 w/Seed Manager			
Item	Part NO	Description	QTY
1	725411	RS485 Channel A/B extension	1
2	725714	Repeater Module	2
3	725712	Smart Connector	2
4	725400	GP Left/Right Adapter	2
5	OEM	OEM Planter Harness	1

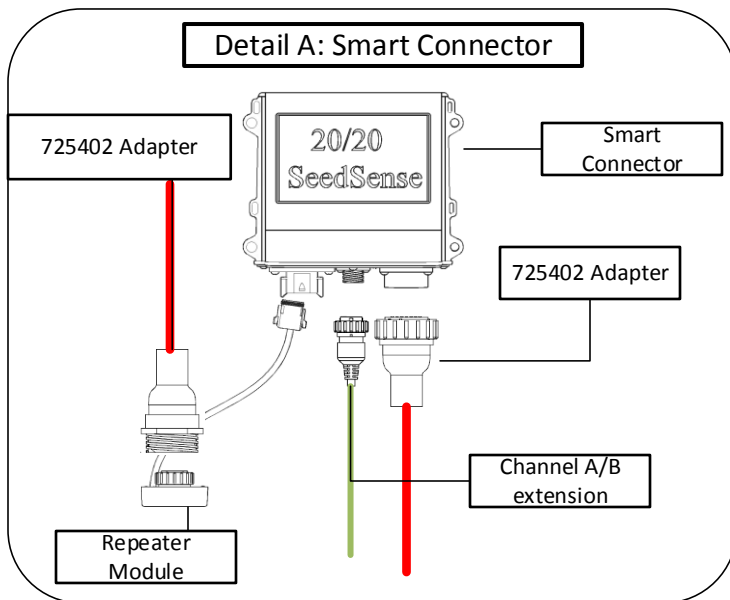
The Smart Connector mounting location may vary slightly from planter to planter

Note A: The provided 725411 harness extends the 725499 Channel B connection to the hitch

Note B: Channel A Smart Connector will be plugged into the Left rows, Channel B Smart Connector will be plugged into the Right rows.

Note C: 725400 adapter harness requires the DJ Seed Module to be plugged in to power the Smart Connector



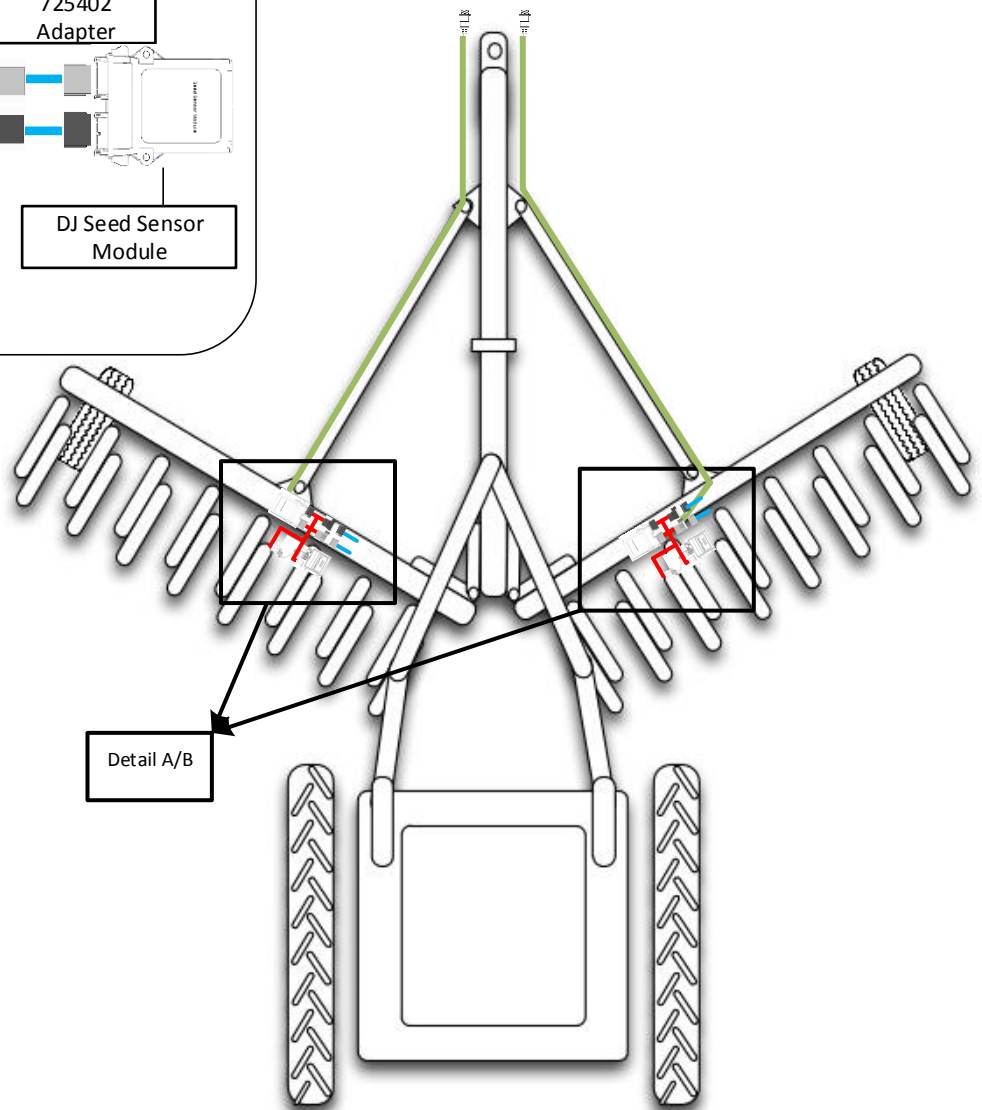
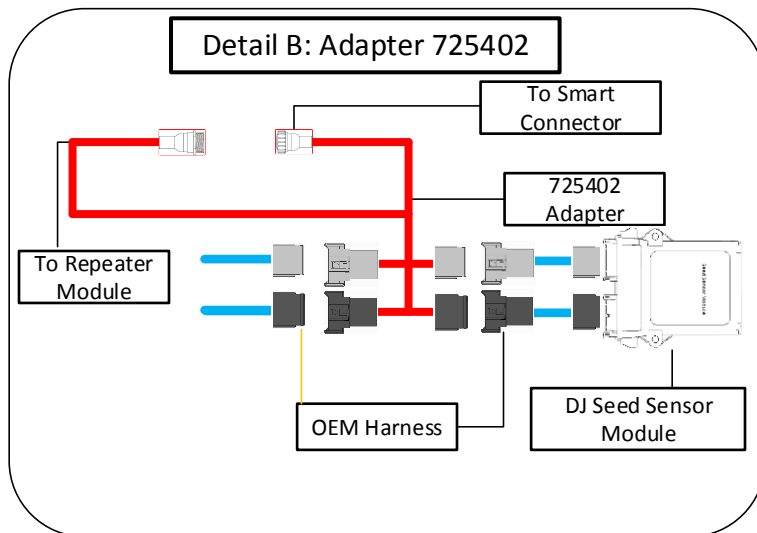


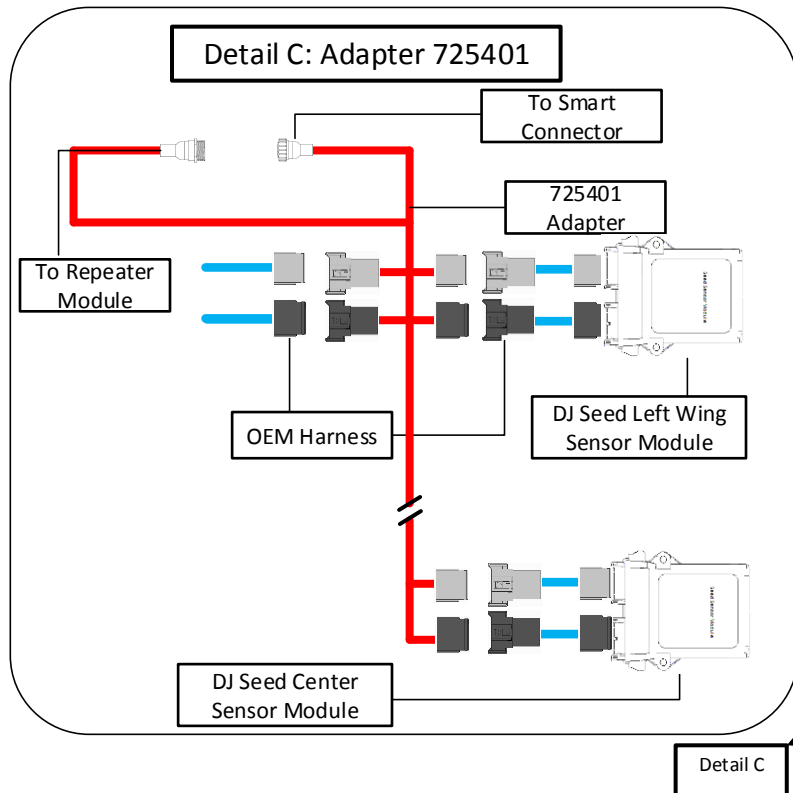
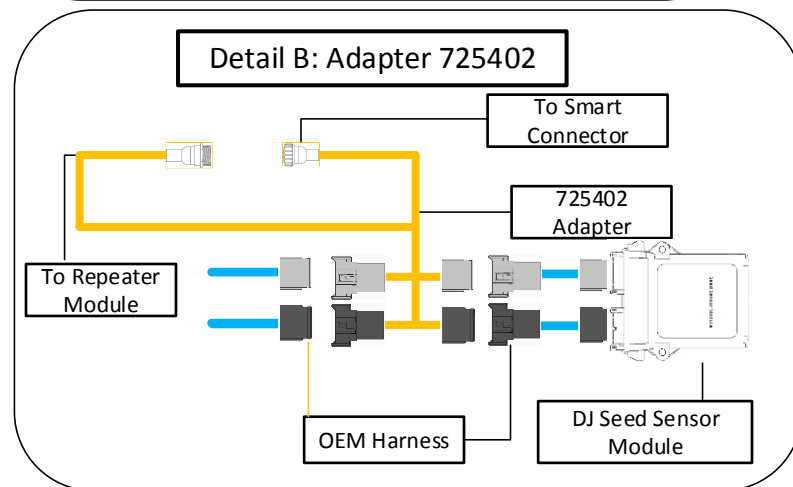
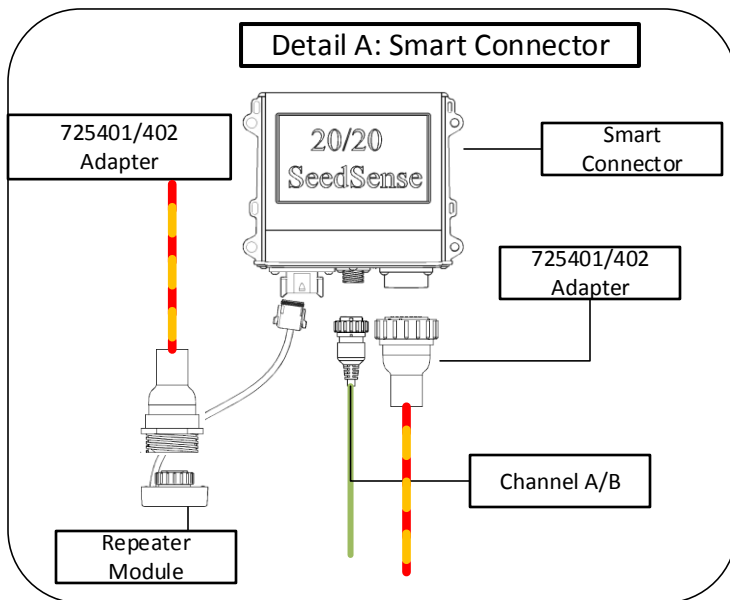
Great Plains YP 1225, 1625 w/IntelliAg			
Item	Part NO	Description	QTY
1	725411-477	RS485 Channel A/B extension	3
2	725714	Repeater Module	2
3	725712	Smart Connector	2
4	725402	GP Adapter	2
5	OEM	OEM Planter Harness	1

The Smart Connector mounting location may vary slightly from planter to planter

Note A: The provided 725411 harness extends the 725499 Channel B connection to the hitch

Note B: Channel A Smart Connector will be plugged into the Left rows, Channel B Smart Connector will be plugged into the Right rows.



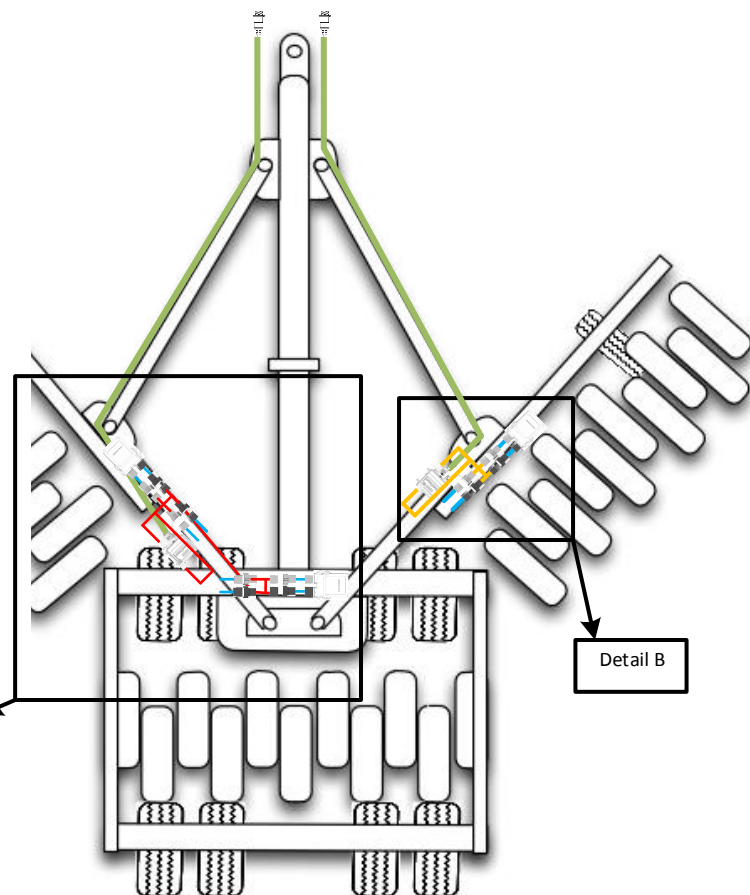


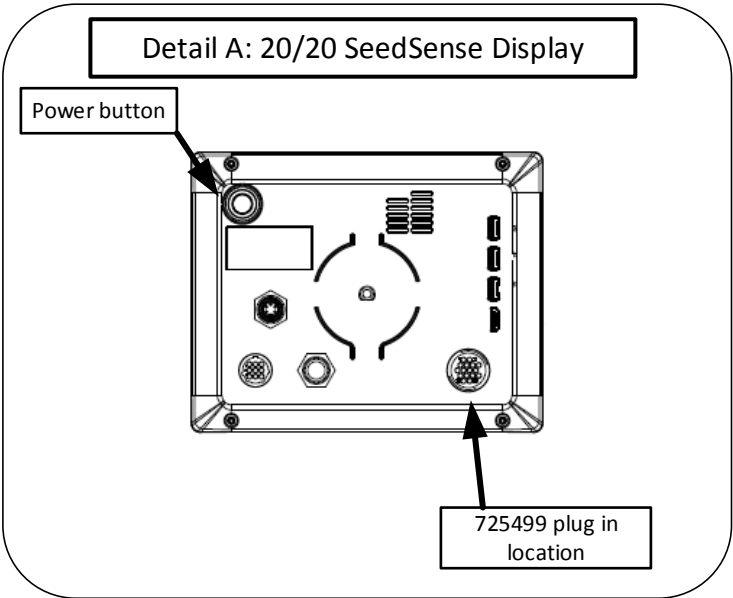
Great Plains YP 2425, 40 w/IntelliAg			
Item	Part NO	Description	QTY
1	725411-477	RS485 Channel A/B extension	3
2	725714	Repeater Module	2
3	725712	Smart Connector	2
4	725401	GP Left/Center Adapter	1
5	725402	GP Right Wing Adapter	1
6	OEM	OEM Planter Harness	1

The Smart Connector mounting location may vary slightly from planter to planter

Note A: The provided 725411 harness extends the 725499 Channel B connection to the hitch

Note B: Channel A Smart Connector will be plugged into the Left rows, Channel B Smart Connector will be plugged into the Right rows.





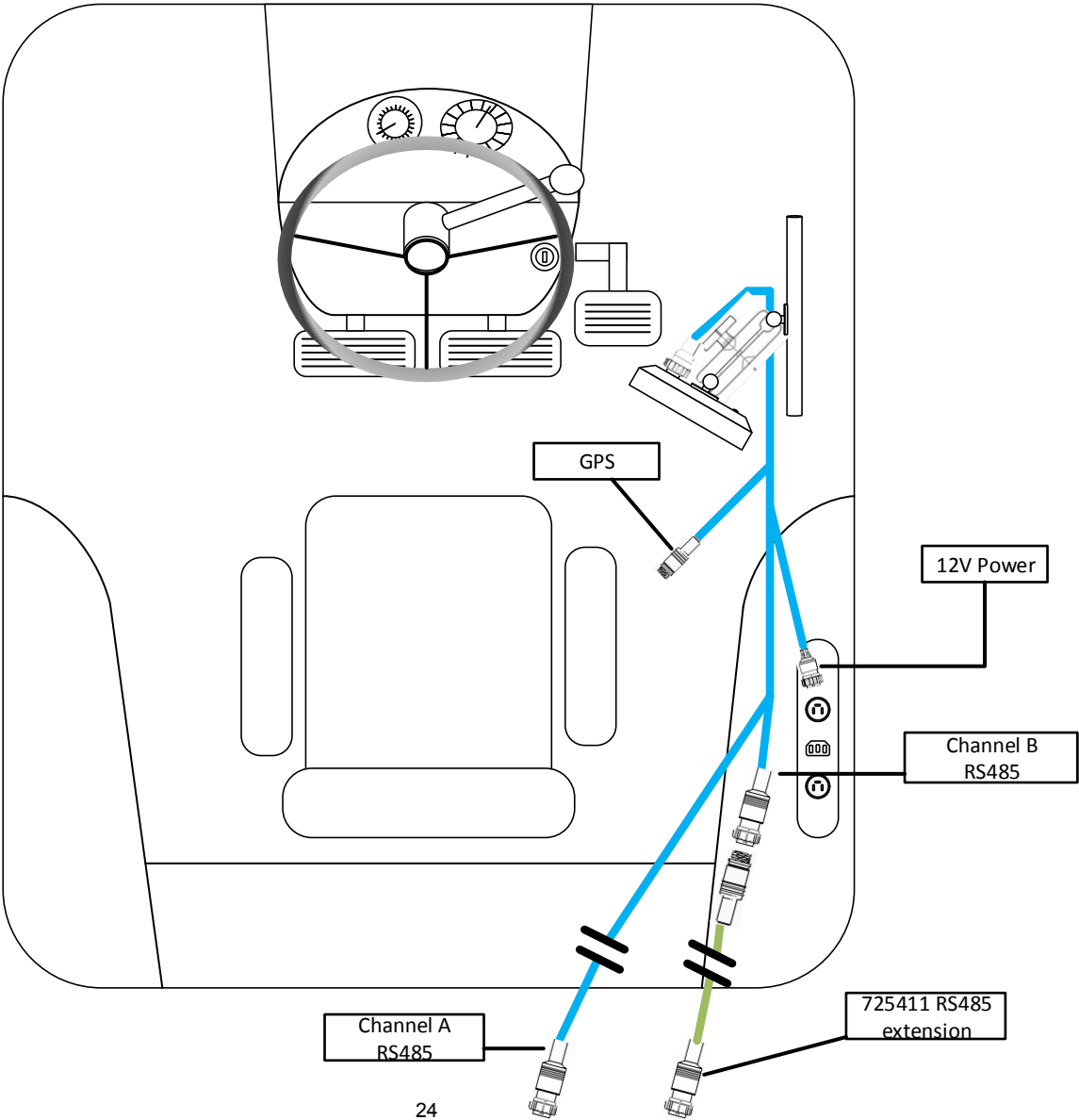
20/20 SeedSense Monitor			
Item	Part NO	Description	QTY
1	725843	20/20 SeedSense Display (iPad ready)	1
2	725499	Universal Tractor Harness	1
3	725411	RS485 extension (channel A/B)	1

The monitor mounting location will vary from tractor to tractor

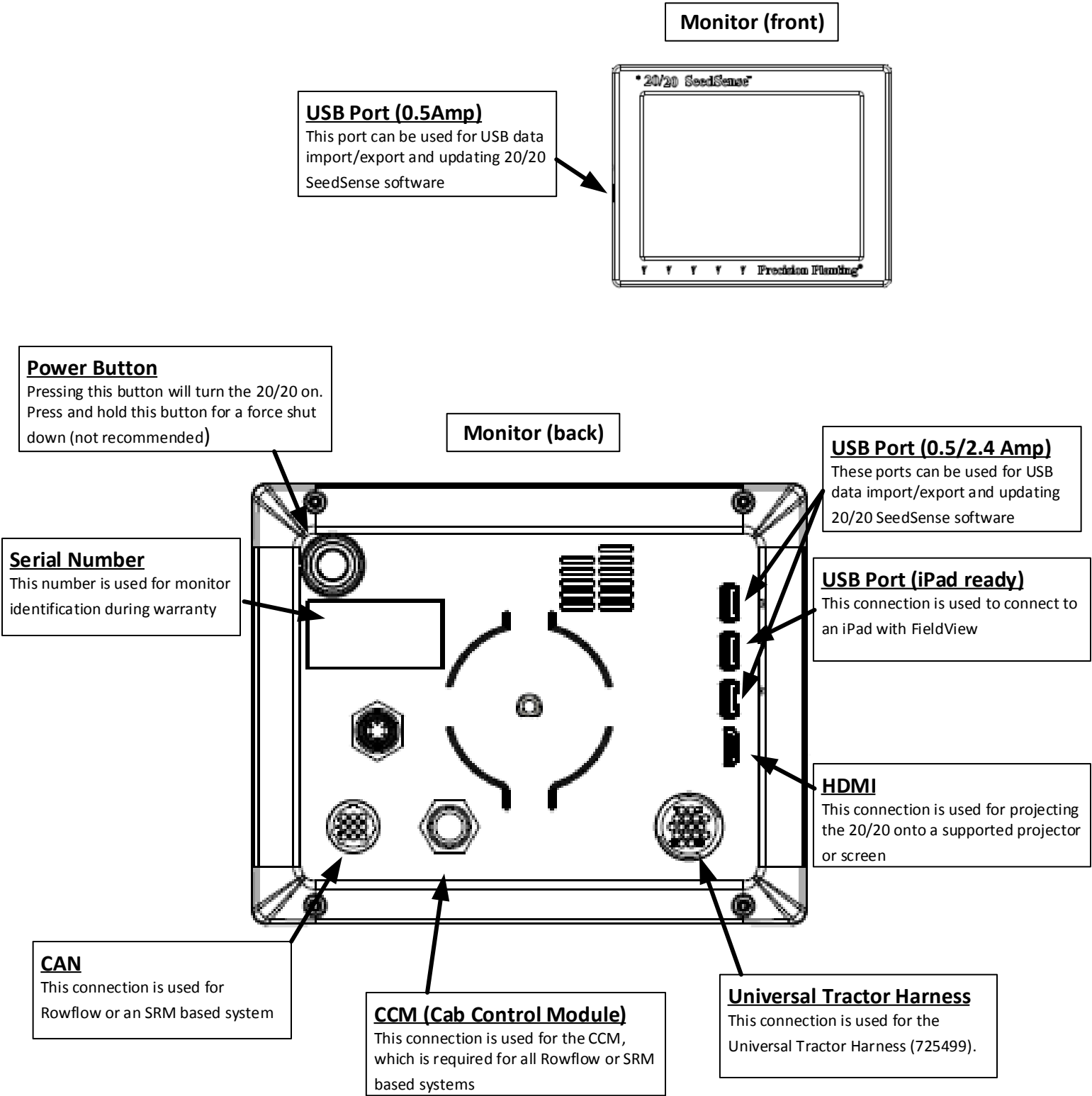
Note A: There are several mounting options available for the monitor, the option shown below is a RAM mount

Note B: Adapters may be needed for GPS and 12V power depending upon make/model of tractor and brand of GPS

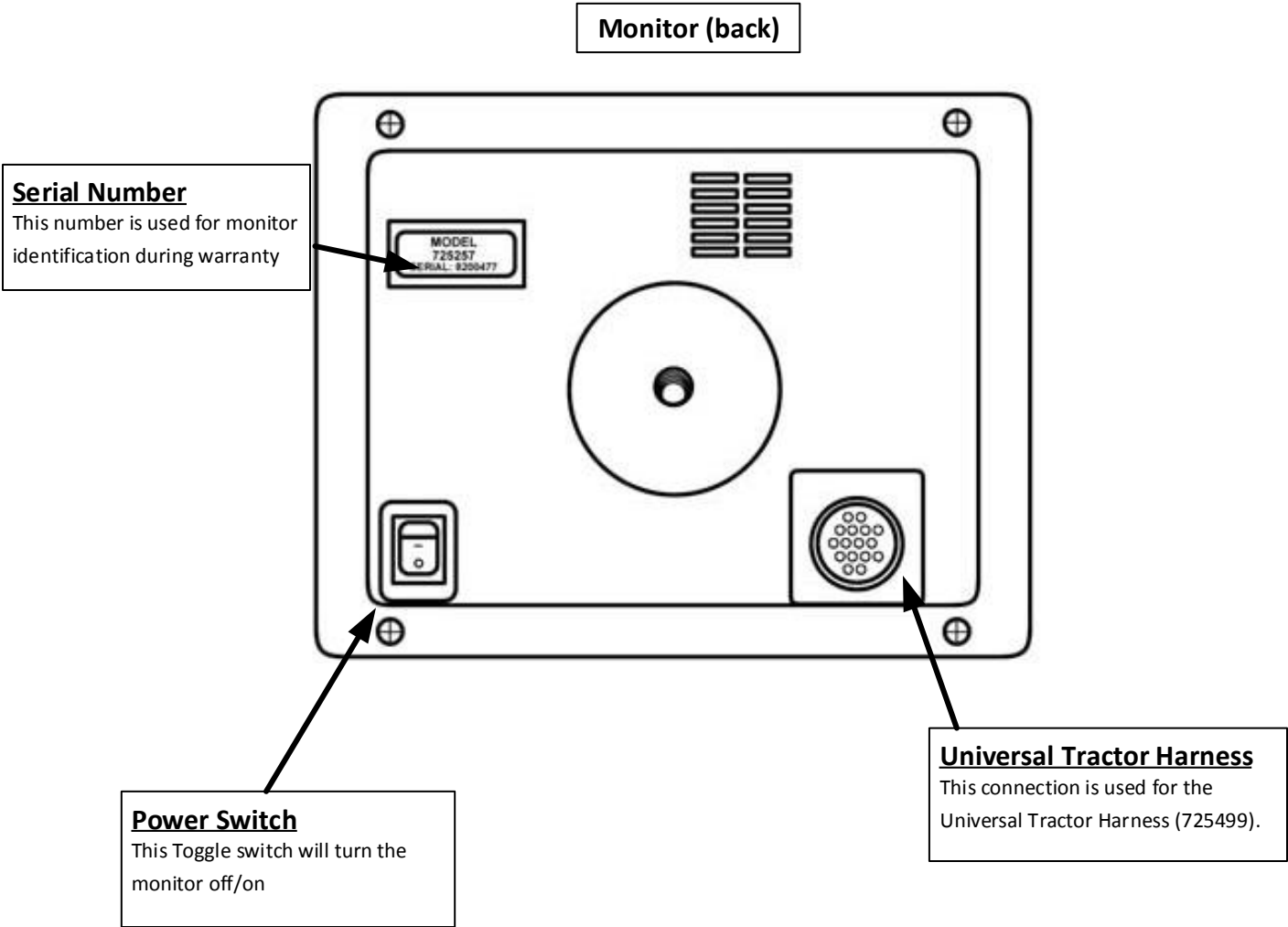
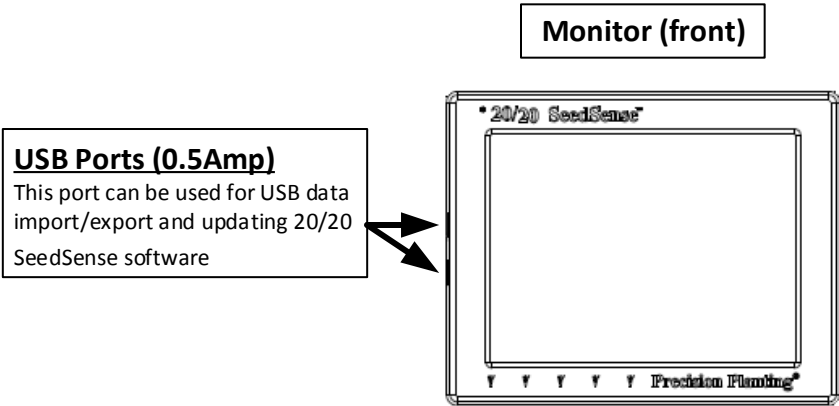
Note C: When needed, the RS485 extension for Channel B is included in the finishing kit, and is only necessary for systems with two Smart Connectors



Gen2 20/20 SeedSense Monitor (iPad Ready)
Serial Number Range 822XXXX
725842

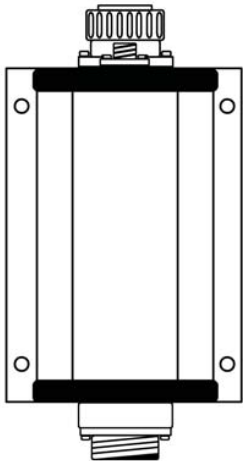


Gen1 20/20 SeedSense Monitor
Serial Number Range 821XXXX, 820XXXX
725257



Gen1 Smart Connector
HW versions 0-4
725201

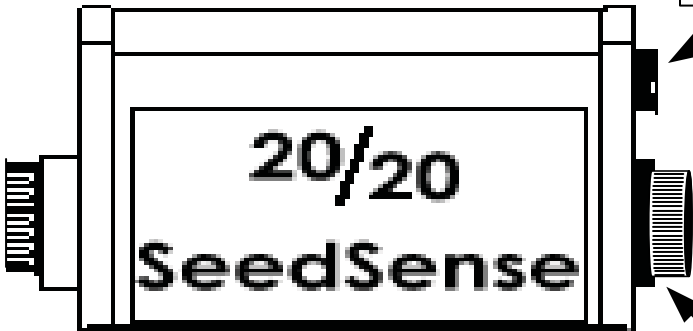
Smart Connector (Top View)



Smart Connector (Side View)

37 pin AMP Receptacle
This connection is pinned JD style, and is where the planter harness will plug into the Smart Connector (Data Input)

4 pin AMP Receptacle
This connection is where the RS485 connection will plug into the Smart Connector from the Tractor Harness (725499)



Part Number/Serial Number
Both of these numbers are on the bottom plate of the Smart Connector

37 pin AMP Plug
This connection is pinned JD style, and is where the OEM Monitor harness will plug into the Smart Connector (Data Output)