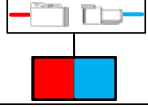
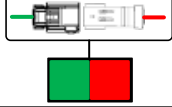


Detail: Harness Connections

CAN to Backbone
Harness



APEX
Connection



Detail A: PDM Connections

CAN Out to
Row-1

CAN Input

Power Input

Alternator
(If Applicable)

Power Extension
APEX

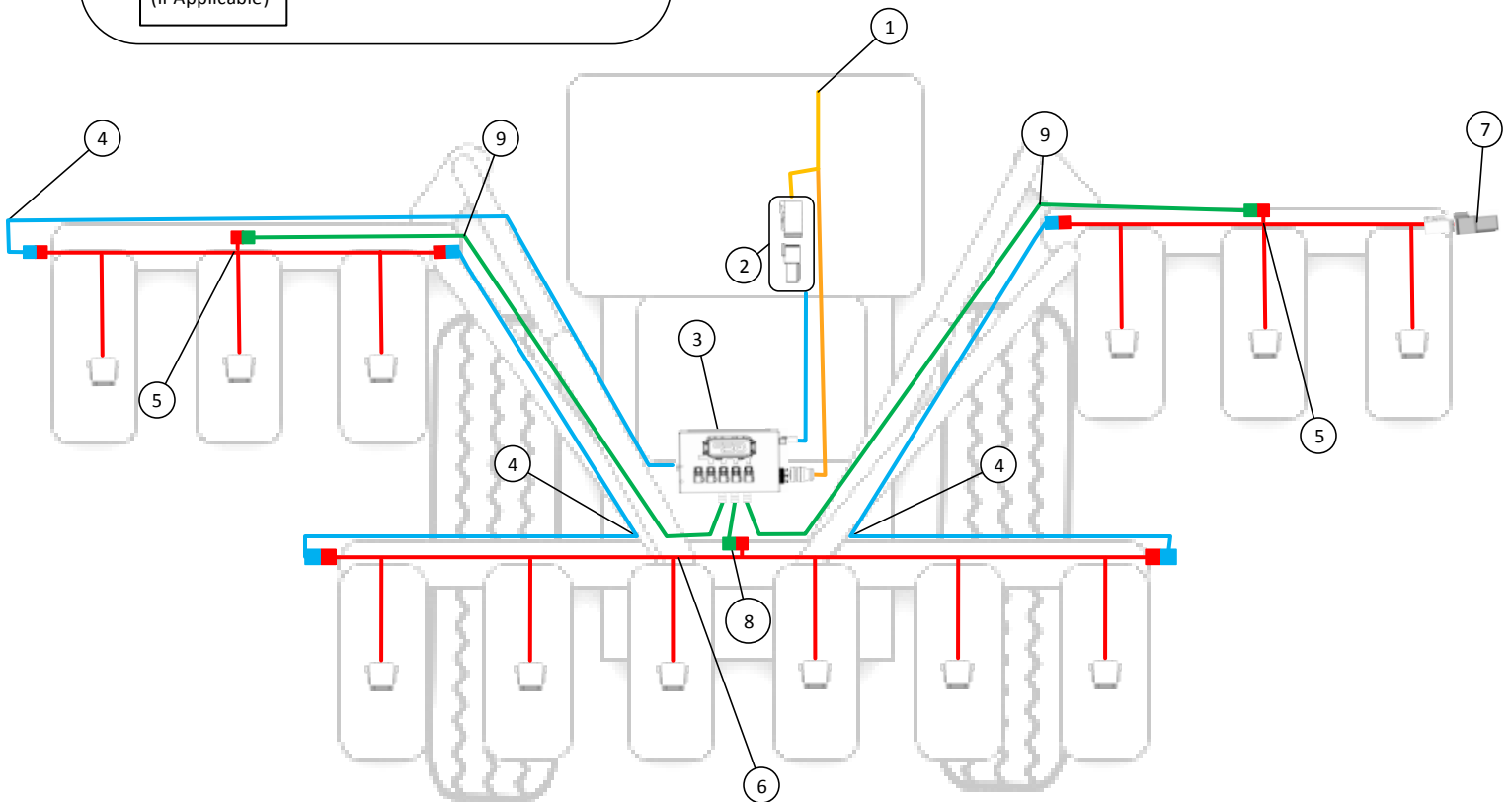
Electrical Systems Overview

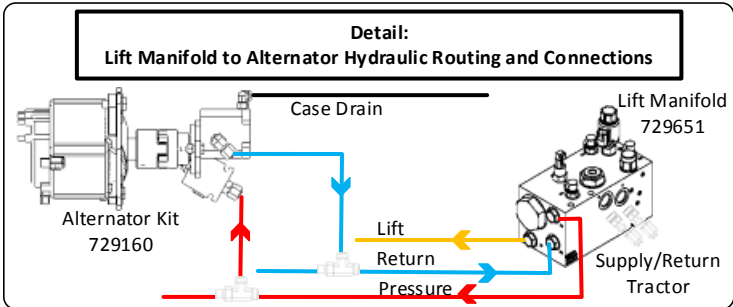
John Deere 1720 12R30 Stacker

Item	Part NO	Description	QTY
1	729401	15' Tractor Power Ext	1
2	729141	10' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729142	15' CAN Ext	3
5	729423	3 Row SRM Harness	2
6	729426	6 Row SRM Harness	1
7	729147	CAN Terminator	1
8	729150	5' Backbone Power Ext- APEX	1
9	729151	15' Backbone Power Ext- APEX	2

Note: Item 1&2 are part of a kit when ordered

The PDM mounting location may vary slightly from planter to planter





Hydraulic Systems Overview

John Deere 1720 12 Row Stacker

Item	Part NO	Description	QTY
1	729651	Lift Manifold	1
2	729600	Hydraulic Cylinders	12
3	729610	30" Row Spacing Inter-Row Kit	9
4	729614	End Row Plug Kit	3
5	729617	3 Frame Hydraulic Fitting Kit	1
6	729160	Alternator Kit (if Applicable)	1

Note: Many of the hoses will vary from planter to planter. We supply hoses for Inter-Rows and from Lift Manifold to first planter section. Custom hose length is up to installation discretion

Supplied Hoses:



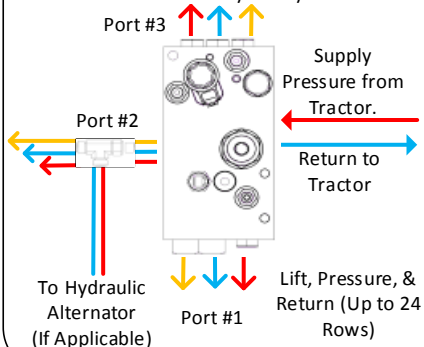
Custom Hoses:



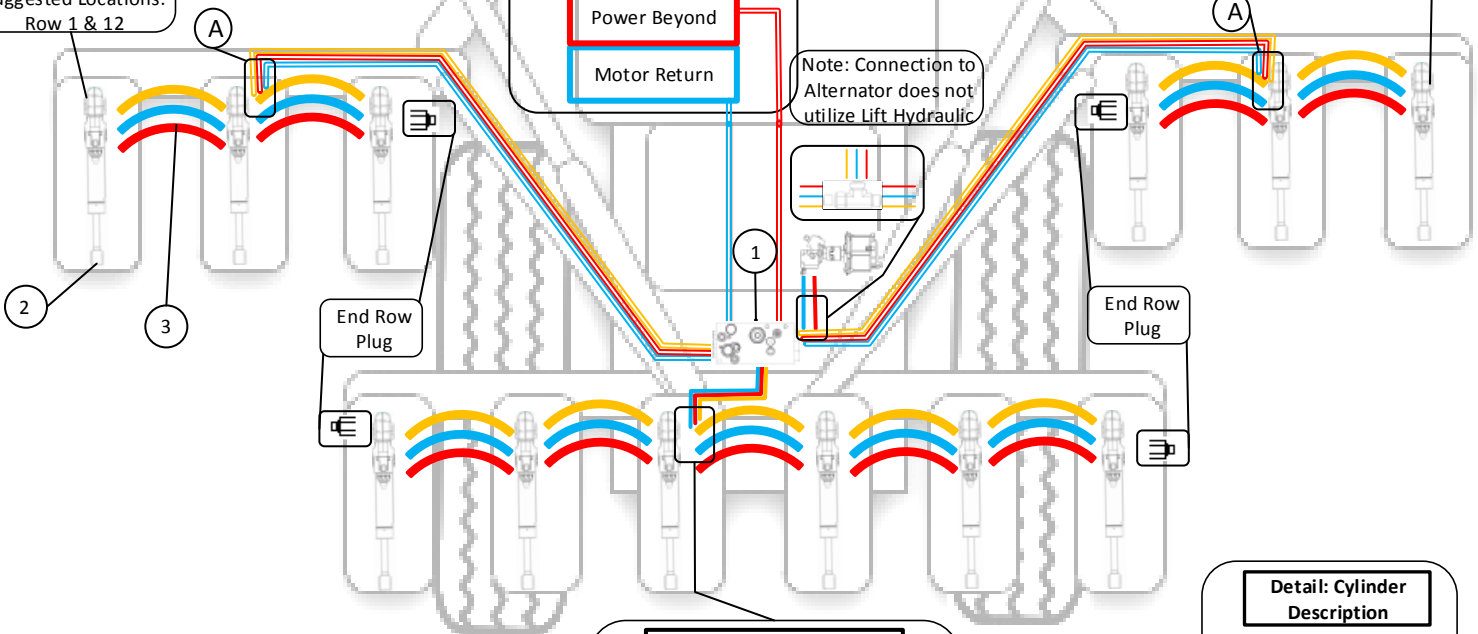
The Lift Manifold mounting location may vary slightly from planter to planter

Detail: Lift Manifold Port Connections and Hydraulic line routing

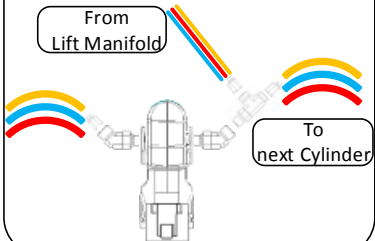
Ports are non-specific. Use port that is most effective with your layout



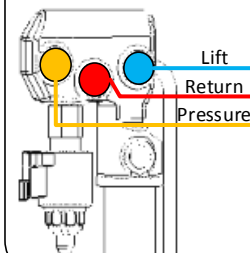
Diagnostic Port
Suggested Locations:
Row 1 & 12



Detail A: Cylinder Connections

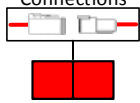


Detail: Cylinder Description

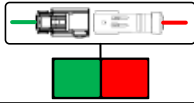


Detail: Harness Connections

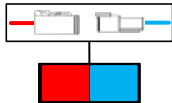
CAN Out to CAN In Backbone Connections



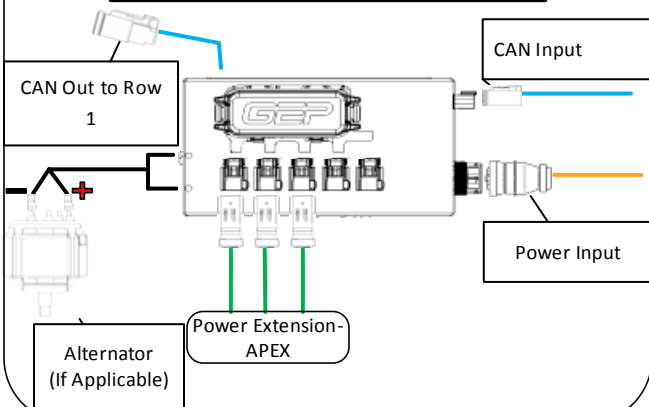
APEX Connection



CAN to Backbone Harness



Detail A: PDM Connections



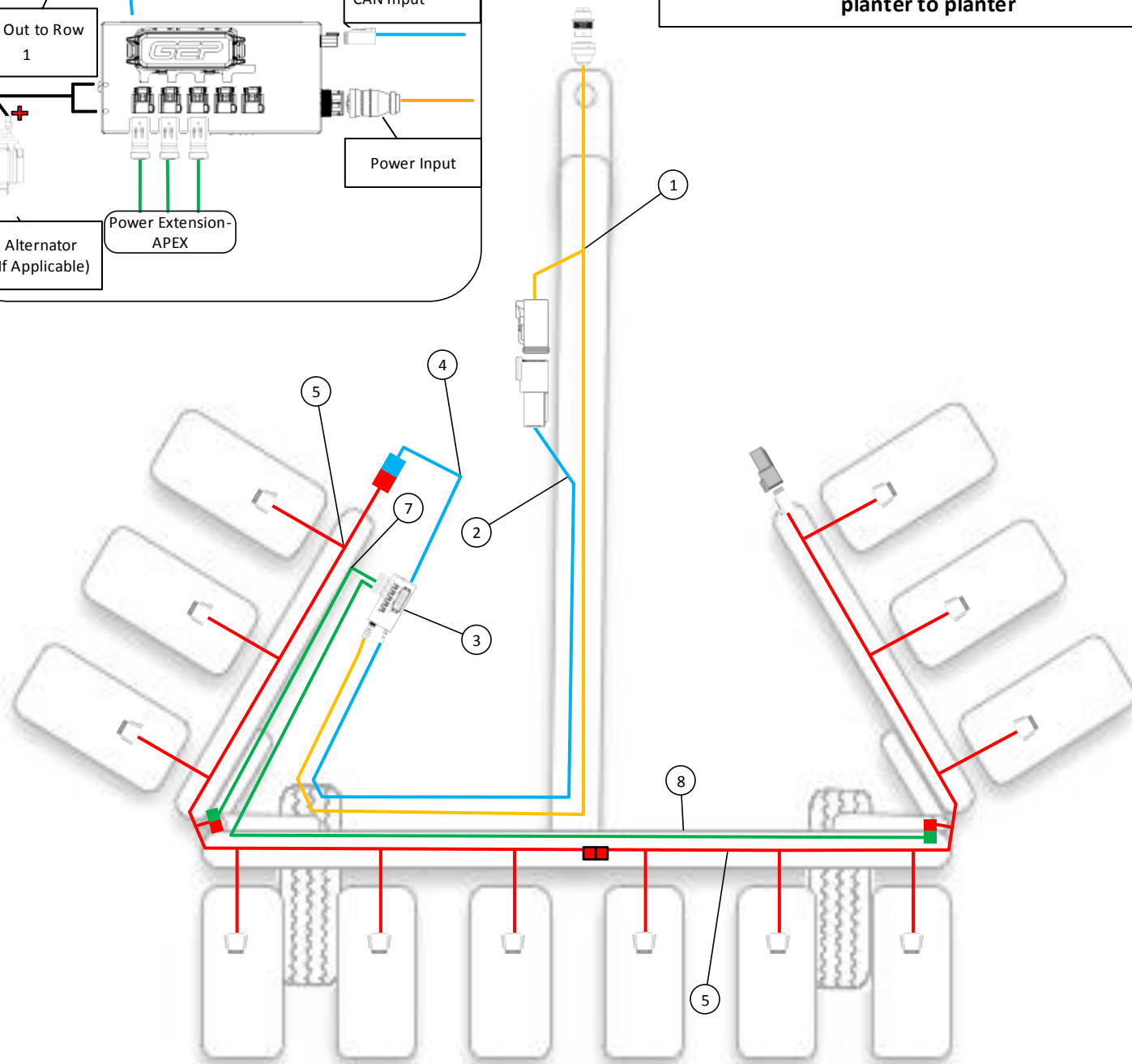
Electrical Systems Overview

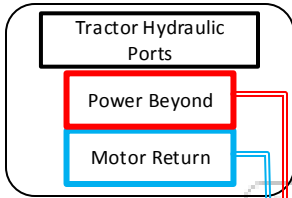
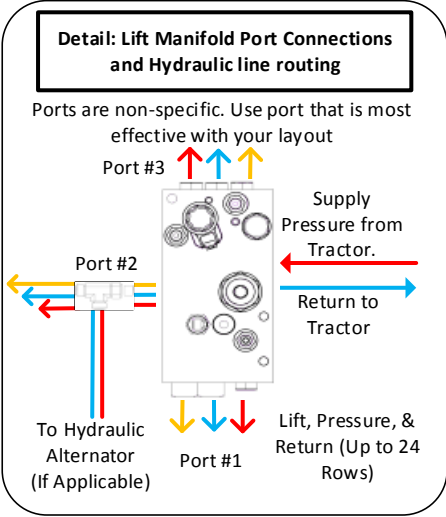
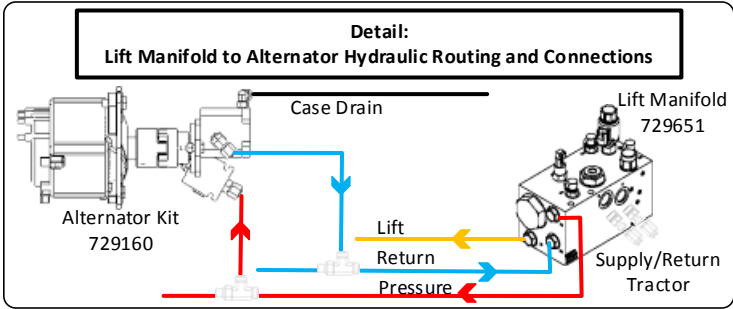
John Deere 1760 12R30

Item	Part NO	Description	QTY
1	729402	25' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	1
5	729426	6 Row SRM Harness 36-38"	2
7	729147	CAN Terminator	1
8	729150	5' Backbone Power Ext- APEX	1
9	729151	15' Backbone Power Ext- APEX	1

Note: Item 1&2 are part of a kit when ordered

The PDM mounting location may vary slightly from planter to planter





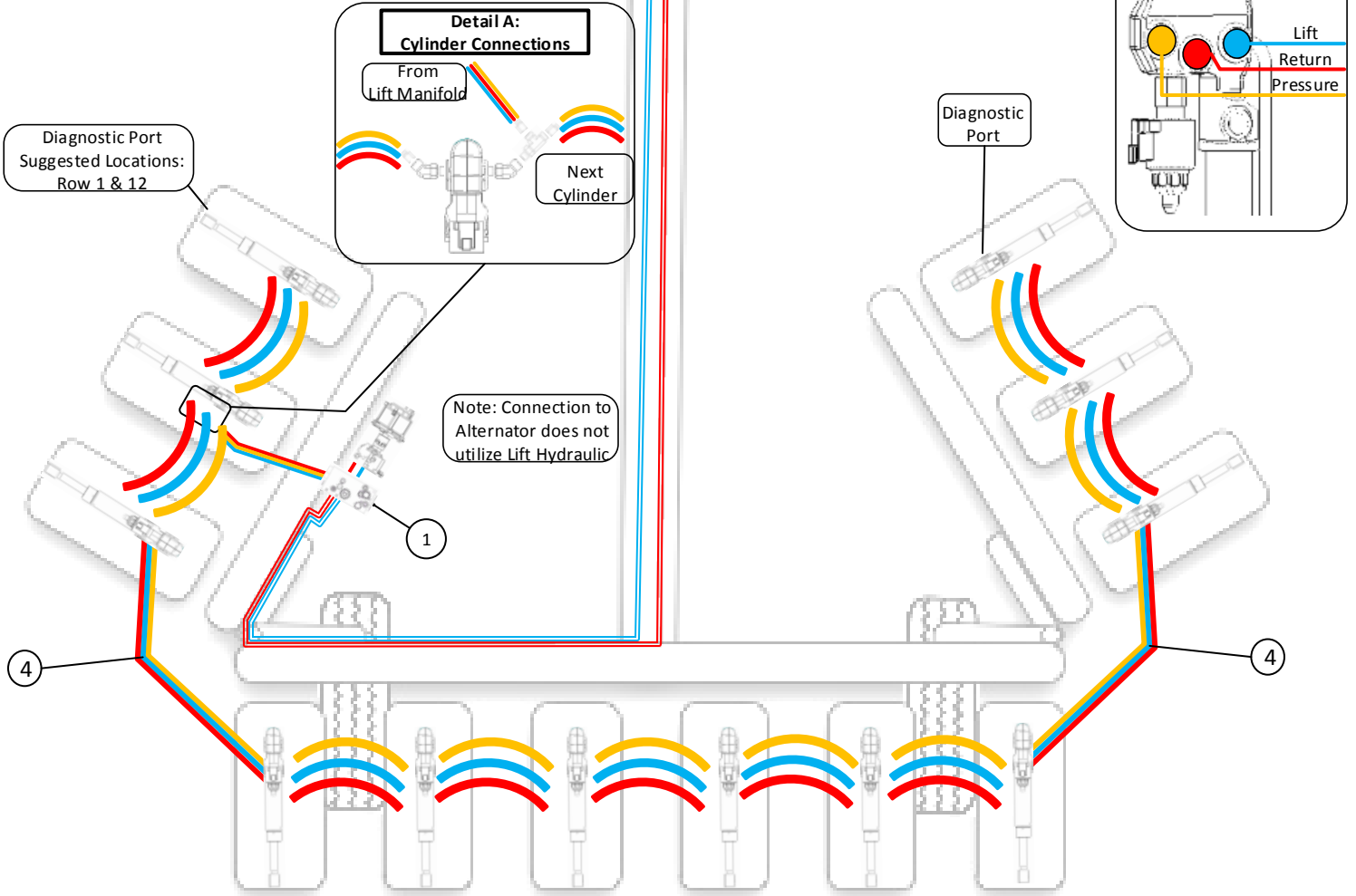
Hydraulic Systems Overview			
John Deere 1760 12 Row 30"			
Item	Part NO	Description	QTY
1	729651	Lift Manifold Kit	1
2	729600	Hydraulic Cylinders	12
3	729610	30" Row Spacing Inter-Row Kit	9
4	729613	45" Inter-Row Kit	2
5	729614	End Row Plug Kit	1

Note: Many of the hoses will vary from planter to planter. We supply hoses for Inter-Rows and from Lift Manifold to first planter section. Custom hose length is up to installation discretion

Supplied Hoses:

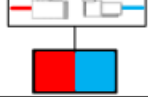
Custom Hoses:

The Lift Manifold mounting location may vary slightly from planter to planter



Detail: Harness Connections

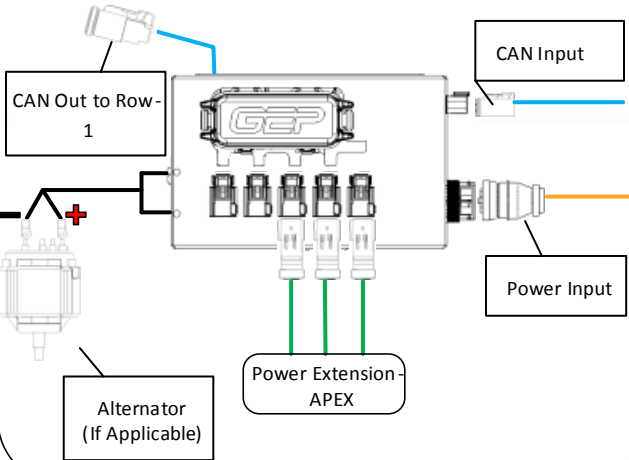
CAN to Backbone
Harness



APEX
Connection



Detail A: PDM Connections



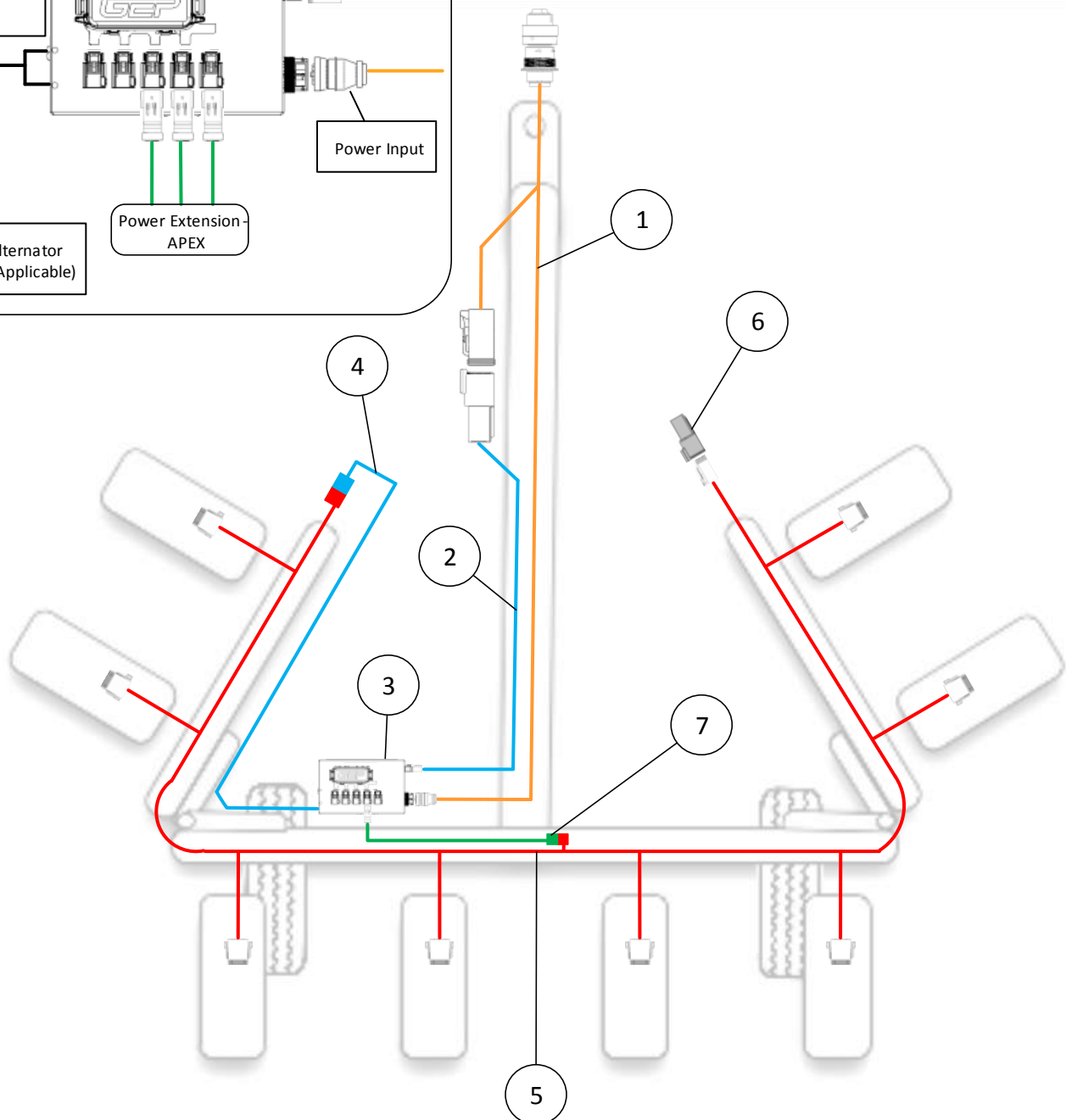
Electrical Systems Overview

John Deere 1760 8R30

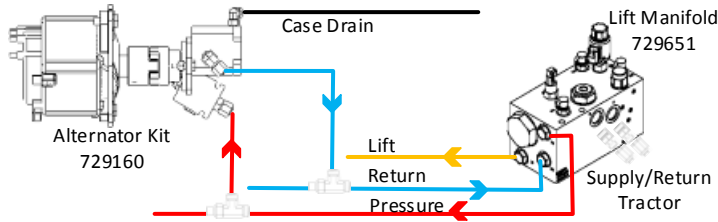
Item	Part NO	Description	QTY
1	729402	25' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	1
5	729428	8 Row SRM Harness	2
7	729147	CAN Terminator	1
8	729150	5' Backbone Power Ext- APEX	1

Note: Item 1&2 are part of a kit when ordered

The PDM mounting location may vary slightly from planter to planter

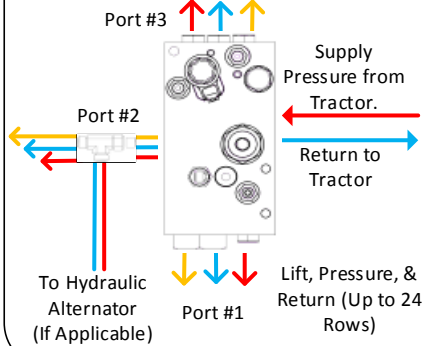


Detail: Lift Manifold to Alternator Hydraulic Routing and Connections



Detail: Lift Manifold Port Connections and Hydraulic line routing

Ports are non-specific. Use port that is most effective with your layout



Tractor Hydraulic Ports

Power Beyond

Motor Return

Hydraulic Systems Overview

John Deere 1760 8R30

Item	Part NO	Description	QTY
1	729651	Lift Manifold Kit	1
2	729600	Hydraulic Cylinders	8
3	729610	30" Row Spacing Inter-Row Kit	5
4	729613	45" Inter-Row Kit	2
5	729614	End Row Plug Kit (includes	1

Note: Many of the hoses will vary from planter to planter. We supply hoses for Inter-Rows and from Lift Manifold to first planter section. Custom hose length is up to installation discretion

Supplied Hoses:

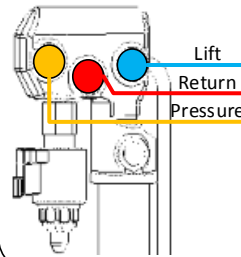


Custom Hoses:

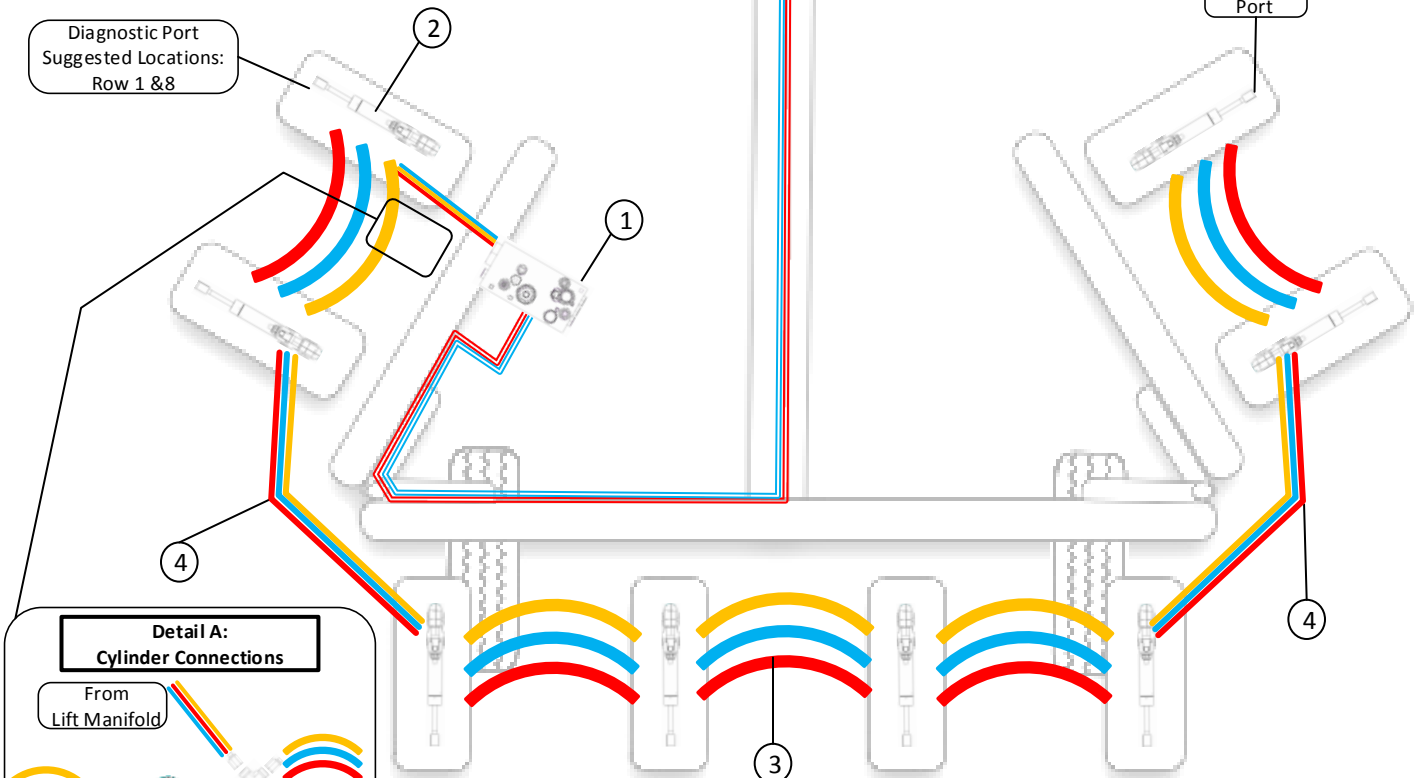


The Lift Manifold mounting location may vary slightly from planter to planter

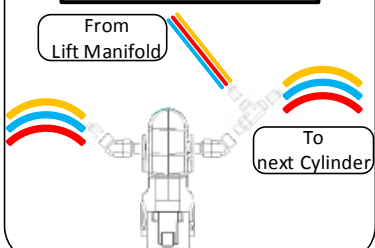
Detail: Cylinder Description



Diagnostic Port
Suggested Locations:
Row 1 & 8

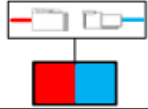


Detail A: Cylinder Connections

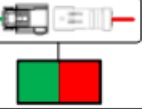


Detail: Harness Connections

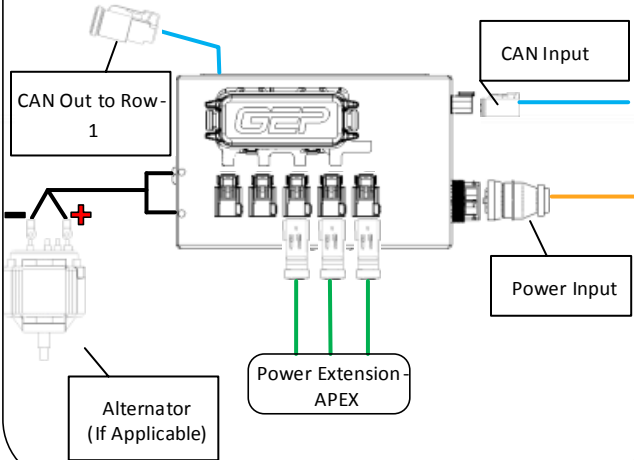
CAN to Backbone
Harness



APEX
Connection



Detail A: PDM Connections



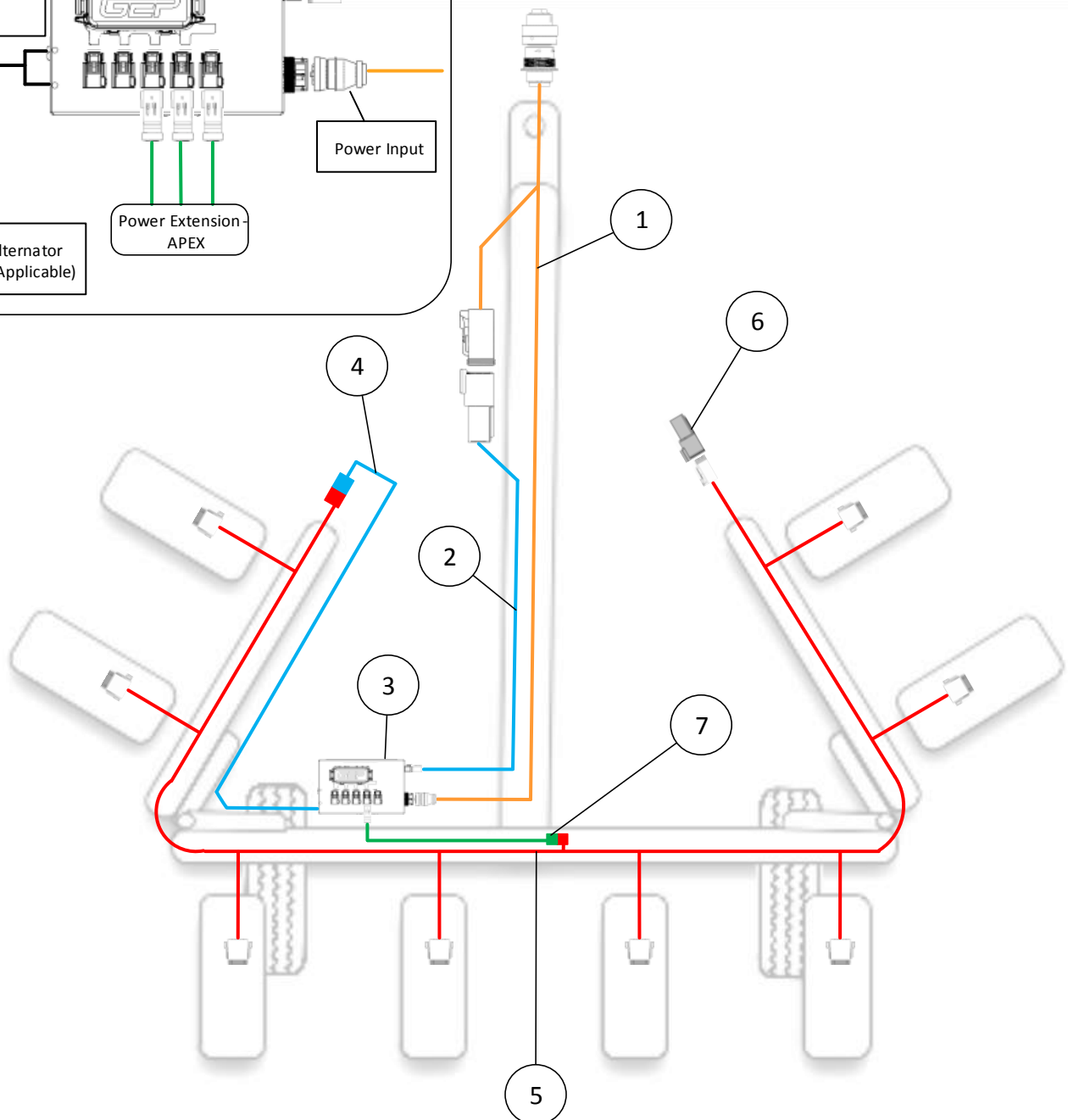
Electrical Systems Overview

John Deere 1760 8R36-38

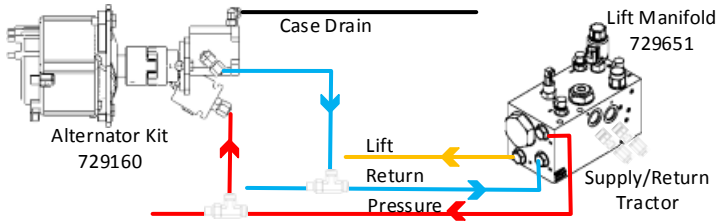
Item	Part NO	Description	QTY
1	729402	25' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	1
5	729448	8 Row SRM Harness 36-38"	1
7	729147	CAN Terminator	1
8	729150	5' Backbone Power Ext- APEX	1

Note: Item 1&2 are part of a kit when ordered

The PDM mounting location may vary slightly from planter to planter

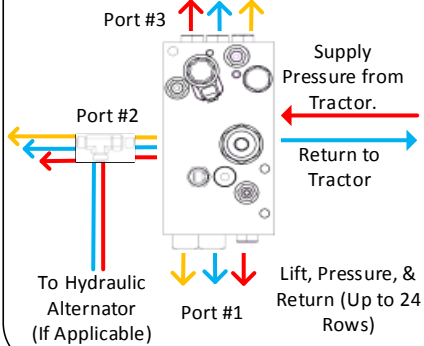


Detail: Lift Manifold to Alternator Hydraulic Routing and Connections



Detail: Lift Manifold Port Connections and Hydraulic line routing

Ports are non-specific. Use port that is most effective with your layout

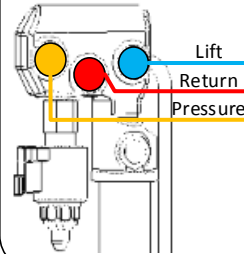


Tractor Hydraulic Ports

Power Beyond

Motor Return

Detail: Cylinder Description



Diagnostic Port
Suggested Locations:
Row 1 & 8

Diagnostic Port

4

4

Detail A: Cylinder Connections

From
Lift Manifold

To
next Cylinder

Hydraulic Systems Overview

John Deere 1760 8R36-38"

Item	Part NO	Description	QTY
1	729651	Lift Manifold Kit	1
2	729600	Hydraulic Cylinders	8
3	729612	36/38" Row Spacing Inter-Row Kit	5
4	729613	45" Inter-Row Kit (for hinge-folds etc)	2
5	729614	End Row Plug Kit (includes	1

Note: Many of the hoses will vary from planter to planter. We supply hoses for Inter-Rows and from Lift Manifold to first planter section. Custom hose length is up to installation discretion

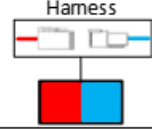
Supplied Hoses:

Custom Hoses:

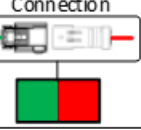
The Lift Manifold mounting location may vary slightly from planter to planter

Detail: Harness Connections

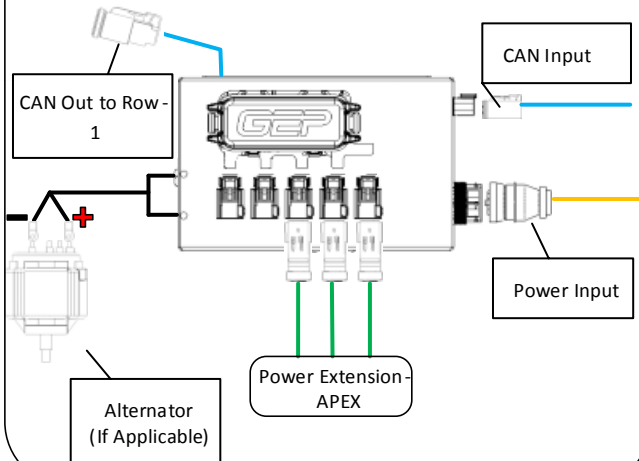
CAN to Backbone
Harness



APEX
Connection



Detail A: PDM Connections



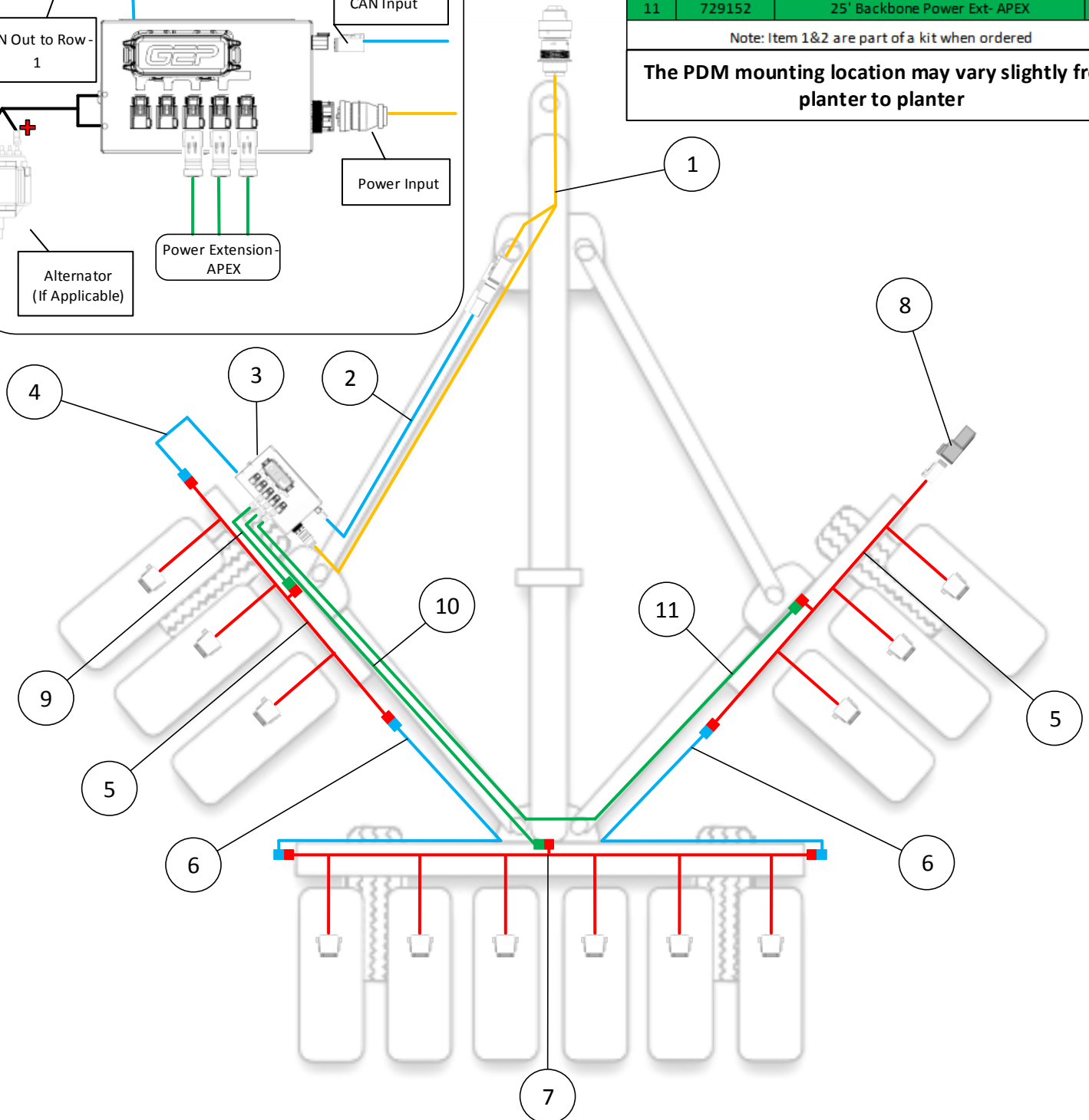
Electrical Systems Overview

John Deere 1770- 12R30

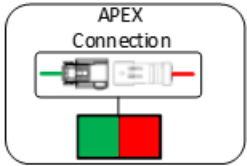
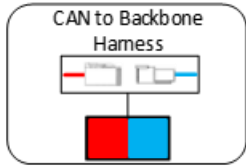
Item	Part NO	Description	QTY
1	729402	25' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	1
5	729423	3 Row SRM Harness	2
6	729141	10' CAN Ext	2
7	729426	6 Row SRM Harness	1
8	729147	CAN Terminator	1
9	729150	5' Backbone Power Ext- APEX	1
10	729151	15' Backbone Power Ext- APEX	1
11	729152	25' Backbone Power Ext- APEX	1

Note: Item 1&2 are part of a kit when ordered

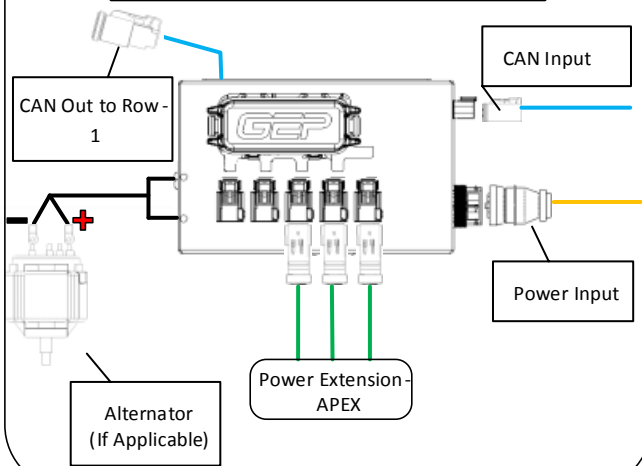
The PDM mounting location may vary slightly from planter to planter



Detail: Harness Connections



Detail A: PDM Connections



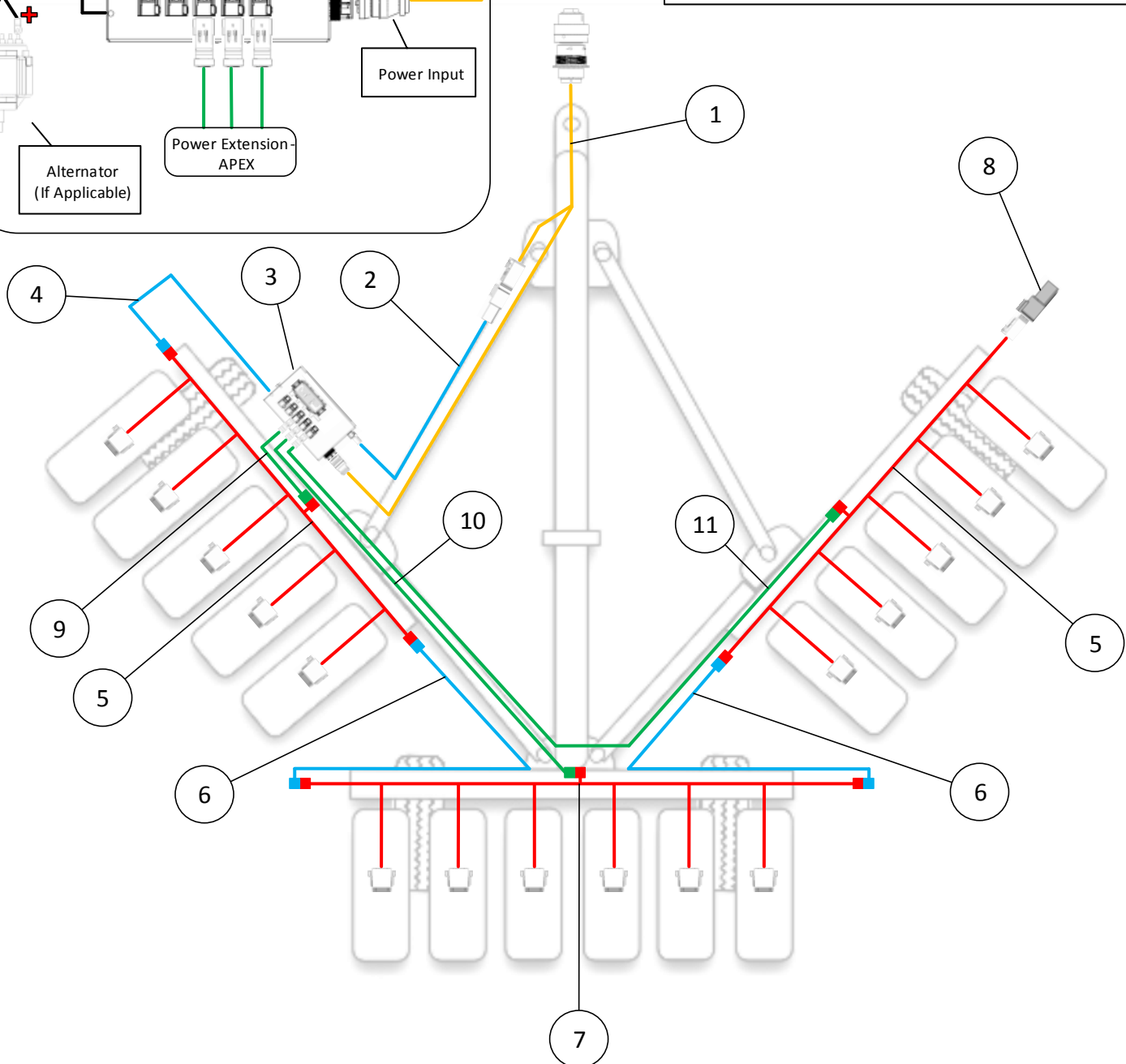
Electrical Systems Overview

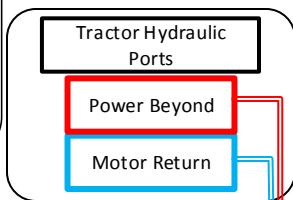
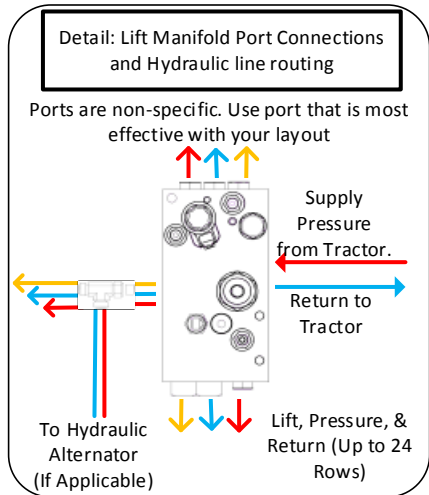
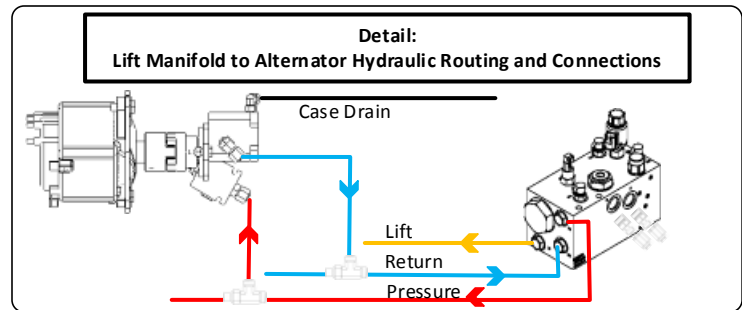
John Deere 1770- 16R30

Item	Part NO	Description	QTY
1	729402	25' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	1
5	729425	5 Row SRM Harness	2
6	729141	10' CAN Ext	2
7	729426	6 Row SRM Harness	1
8	729147	CAN Terminator	1
9	729150	5' Backbone Power Ext- APEX	1
10	729151	15' Backbone Power Ext- APEX	1
11	729153	35' Backbone Power Ext- APEX	1

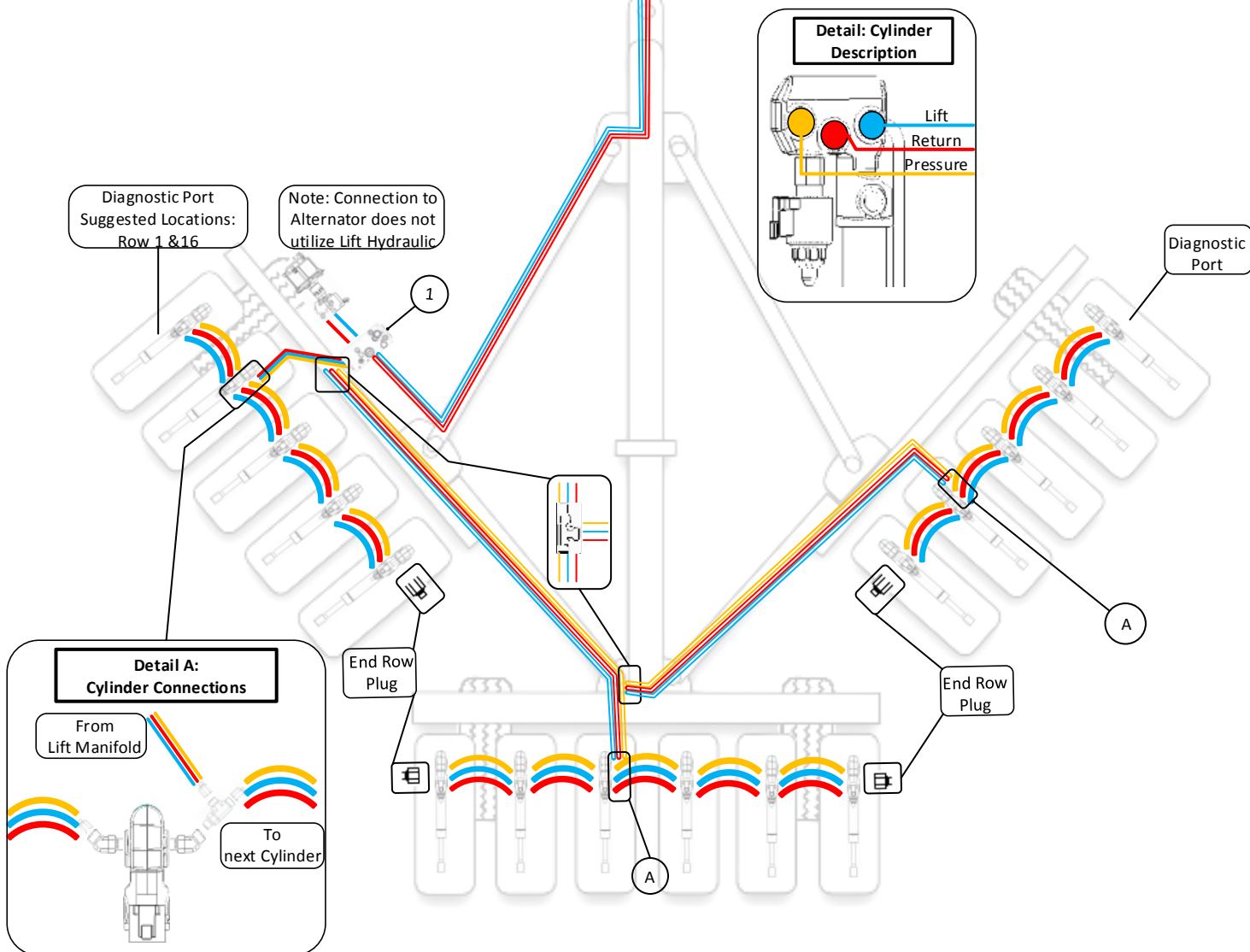
Note: Item 1&2 are part of a kit when ordered

The PDM mounting location may vary slightly from planter to planter

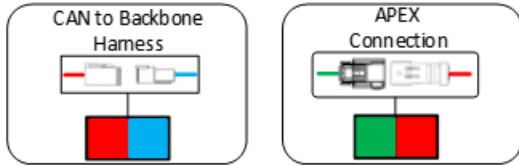




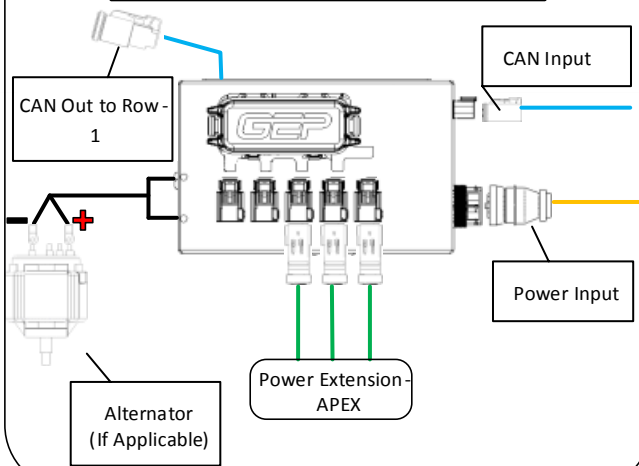
Hydraulic Systems Overview			
John Deere1770 16 Row 30"			
Item	Part NO	Description	QTY
1	729651	Lift Manifold Kit	1
2	729600	Hydraulic Cylinders	16
3	729610	30" Row Spacing Inter-Row Kit	13
4	729614	End Row Plug Kit	3
5	729617	3 Frame Hydrualic Fitting Kit	1
6	729160	Alternator Kit (If Applicable)	1
Note:		Many of the hoses will vary from planter to planter. We supply hoses for Inter-Rows and from Lift Manifold to first planter section. Custom hose length is up to installation discretion	
Supplied Hoses:			
Custom Hoses:			
The Lift Manifold mounting location may vary slightly from planter to planter			



Detail: Harness Connections



Detail A: PDM Connections



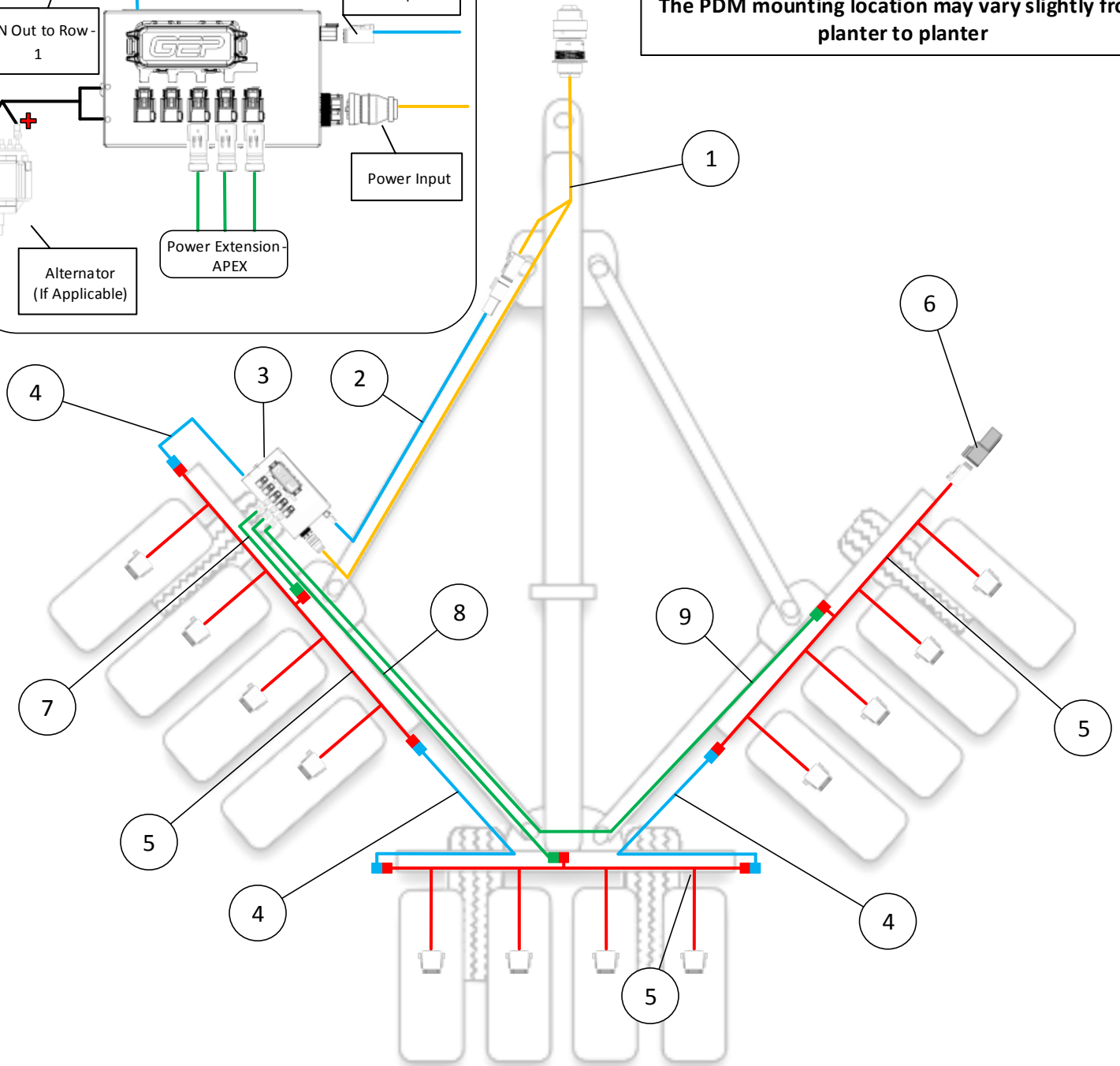
Electrical Systems Overview

John Deere 1770NT- 12R30

Item	Part NO	Description	QTY
1	729402	25' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	3
5	729424	4 Row SRM Harness	3
6	729147	CAN Terminator	1
7	729150	5' Backbone Power Ext- APEX	1
8	729151	15' Backbone Power Ext- APEX	1
9	729152	25' Backbone Power Ext- APEX	1

Note: Item 1&2 are part of a kit when ordered

The PDM mounting location may vary slightly from planter to planter



Hydraulic Systems Overview

John Deere 1770 NT- 12 Row

Item	Part NO	Description	QTY
1	729651	Lift Manifold Kit	1
2	729600	Hydraulic Cylinders	12
3	729610	30" Row Spacing Inter-Row Kit	9
4	729612	36"/38" Row Spacing Inter-Row Kit	2
5	729614	End Row Plug Kit	3
6	729617	3 Frame Hydraulic Fitting Kit	1
7	729160	Alternator Kit (If Applicable)	1

Note: Many of the hoses will vary from planter to planter. We supply hoses for Inter-Rows and from Lift Manifold to first planter section. Custom hose length is up to installation discretion

Supplied Hoses:

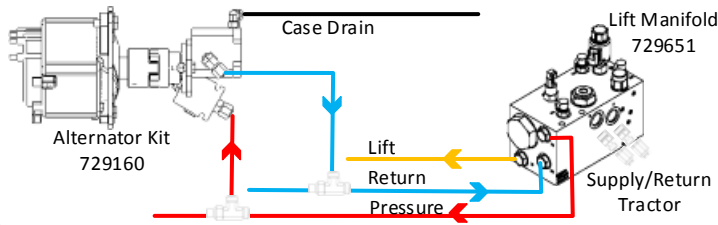


Custom Hoses:



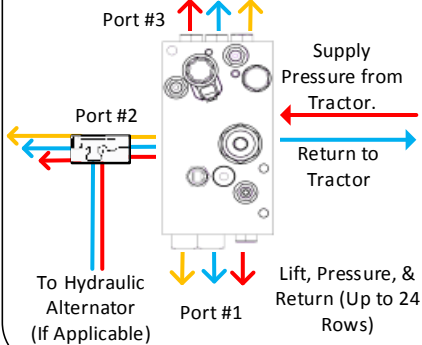
The Lift Manifold mounting location may vary slightly from planter to planter

Detail: Lift Manifold to Alternator Hydraulic Routing and Connections



Detail: Lift Manifold Port Connections and Hydraulic line routing

Ports are non-specific. Use port that is most effective with your layout

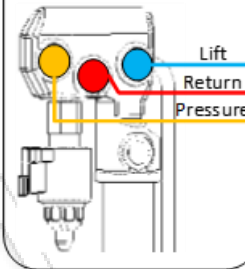


Tractor Hydraulic Ports

Power Beyond

Motor Return

Detail: Cylinder Description



Note: Connection to Alternator does not utilize Lift Hydraulic

Diagnostic Port
Suggested Locations:
Row 1 & 12

Diagnostic Port

Detail A: Cylinder Connections

From Lift Manifold

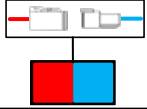
To next Cylinder

Inter-Row Kits Detail

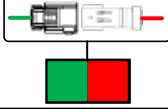


Detail: Harness Connections

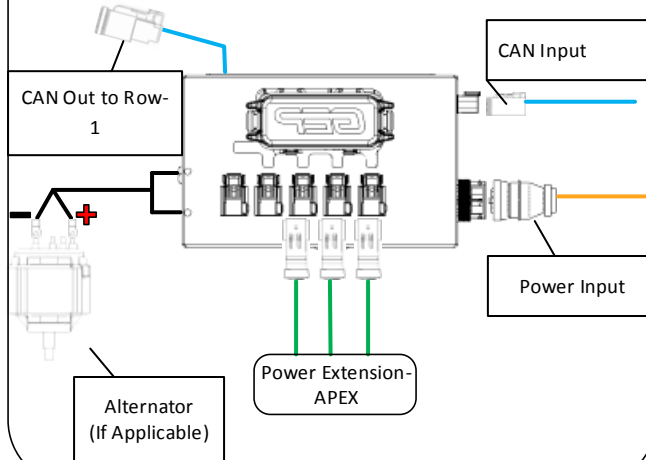
CAN to Backbone
Harness



APEX
Connection



Detail A: PDM Connections



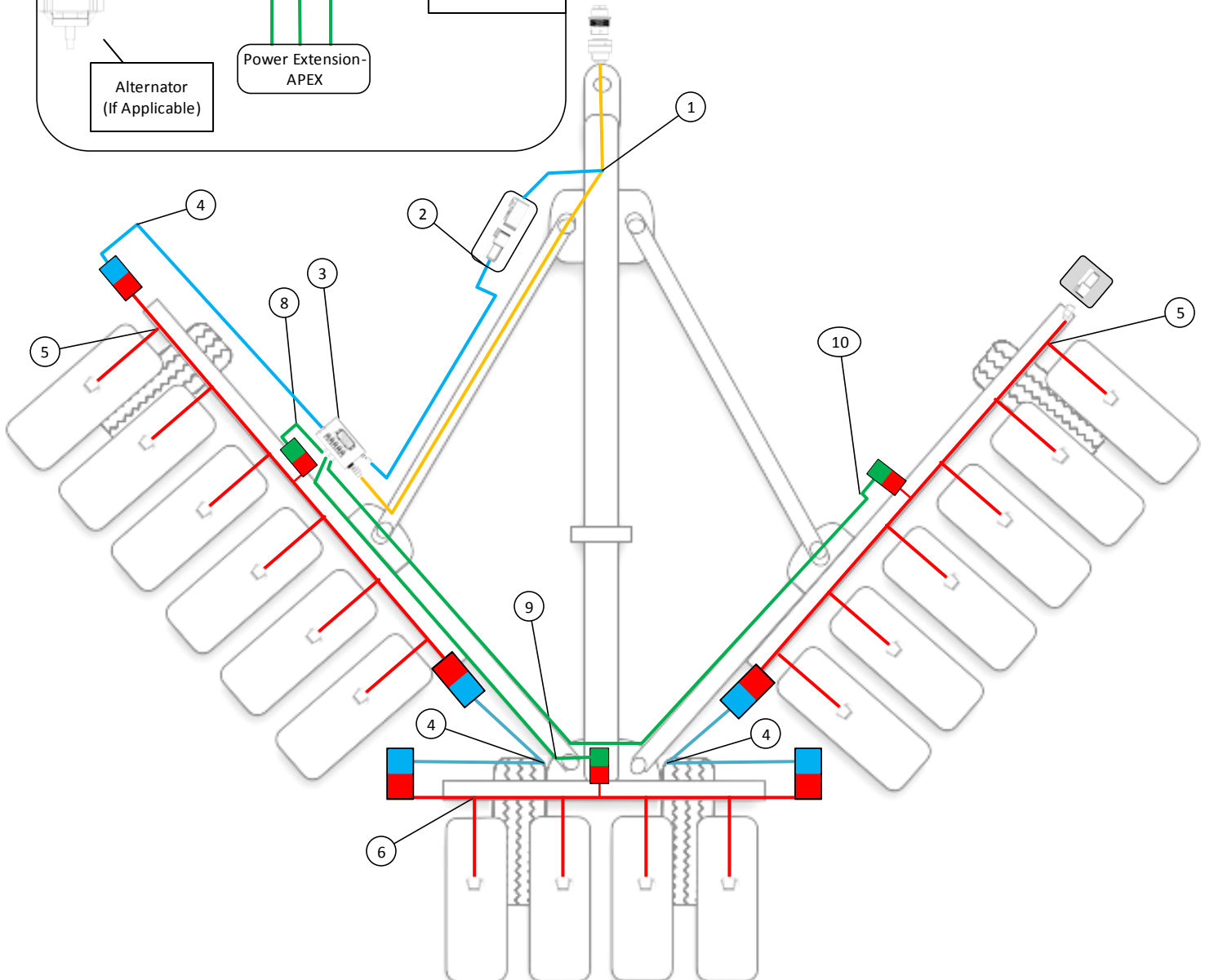
Electrical Systems Overview

John Deere 1770NT- 16R30

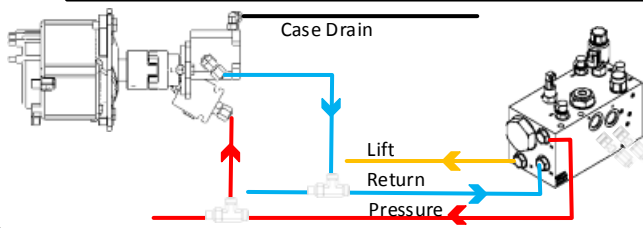
Item	Part NO	Description	QTY
1	729402	25' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	3
5	729426	6 Row SRM Harness	2
6	729424	4 Row SRM Harness	1
7	729147	CAN Terminator	1
8	729150	5' Backbone Power Ext- APEX	1
9	729151	15' Backbone Power Ext- APEX	1
10	729152	25' Backbone Power Ext- APEX	1

Note: Item 1&2 are part of a kit when ordered

The PDM mounting location may vary slightly from planter to planter

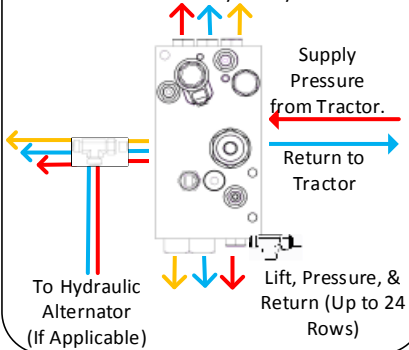


Detail: Lift Manifold to Alternator Hydraulic Routing and Connections



Detail: Lift Manifold Port Connections and Hydraulic line routing

Ports are non-specific. Use port that is most effective with your layout



Tractor Hydraulic Ports

Power Beyond

Motor Return

Hydraulic Systems Overview

John Deere 1770 NT- 16 Row

Item	Part NO	Description	QTY
1	729651	Lift Manifold Kit	1
2	729600	Hydraulic Cylinders	16
3	729610	30" Row Spacing Inter-Row Kit	13
4	729612	36"/38" Row Spacing Inter-Row Kit	2
5	729614	End Row Plug Kit	3
6	729617	3 Frame Hydraulic Fitting Kit	1
7	729160	Alternator Kit (If Applicable)	1

Many of the hoses will vary from planter to planter. We supply
Note: hoses for Inter-Rows and from Lift Manifold to first planter section. Custom hose length is up to installation discretion

Supplied Hoses:



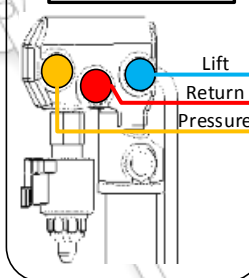
Custom Hoses:

The Lift Manifold mounting location may vary slightly from planter to planter

Diagnostic Port
Suggested Locations:
Row 1 & 16

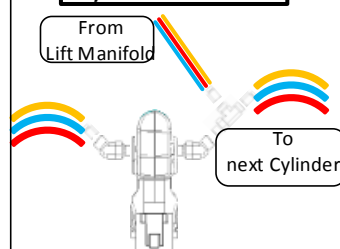
Note: Connection to Alternator does not utilize Lift Hydraulic

Detail: Cylinder Description



Diagnostic Port

Detail A: Cylinder Connections



Inter-Row Kits Detail

