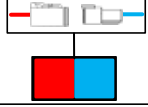
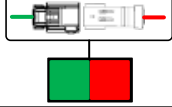


Detail: Harness Connections

CAN to Backbone
Harness



APEX
Connection



Detail A: PDM Connections

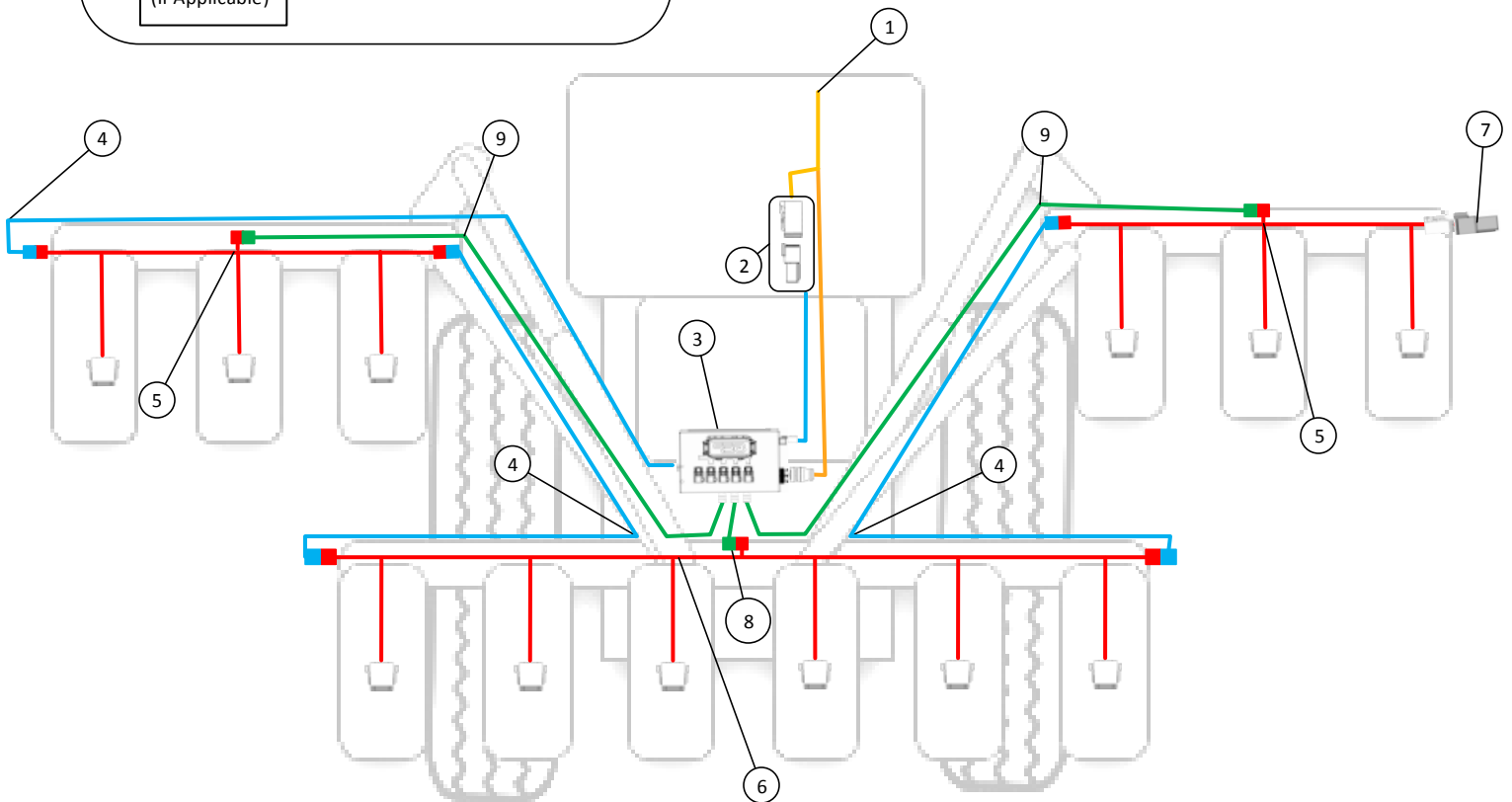
CAN Out to
Row-1

CAN Input

Power Input

Alternator
(If Applicable)

Power Extension
APEX



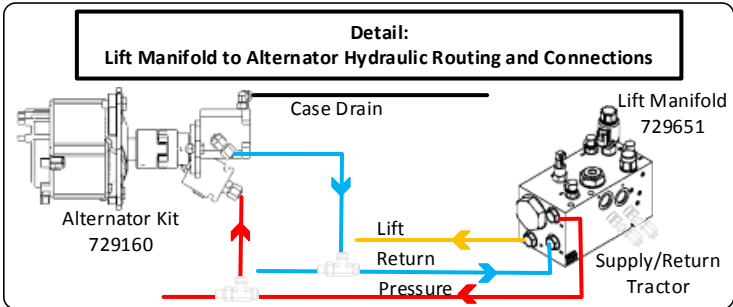
Electrical Systems Overview

John Deere 1720 12R30 Stacker

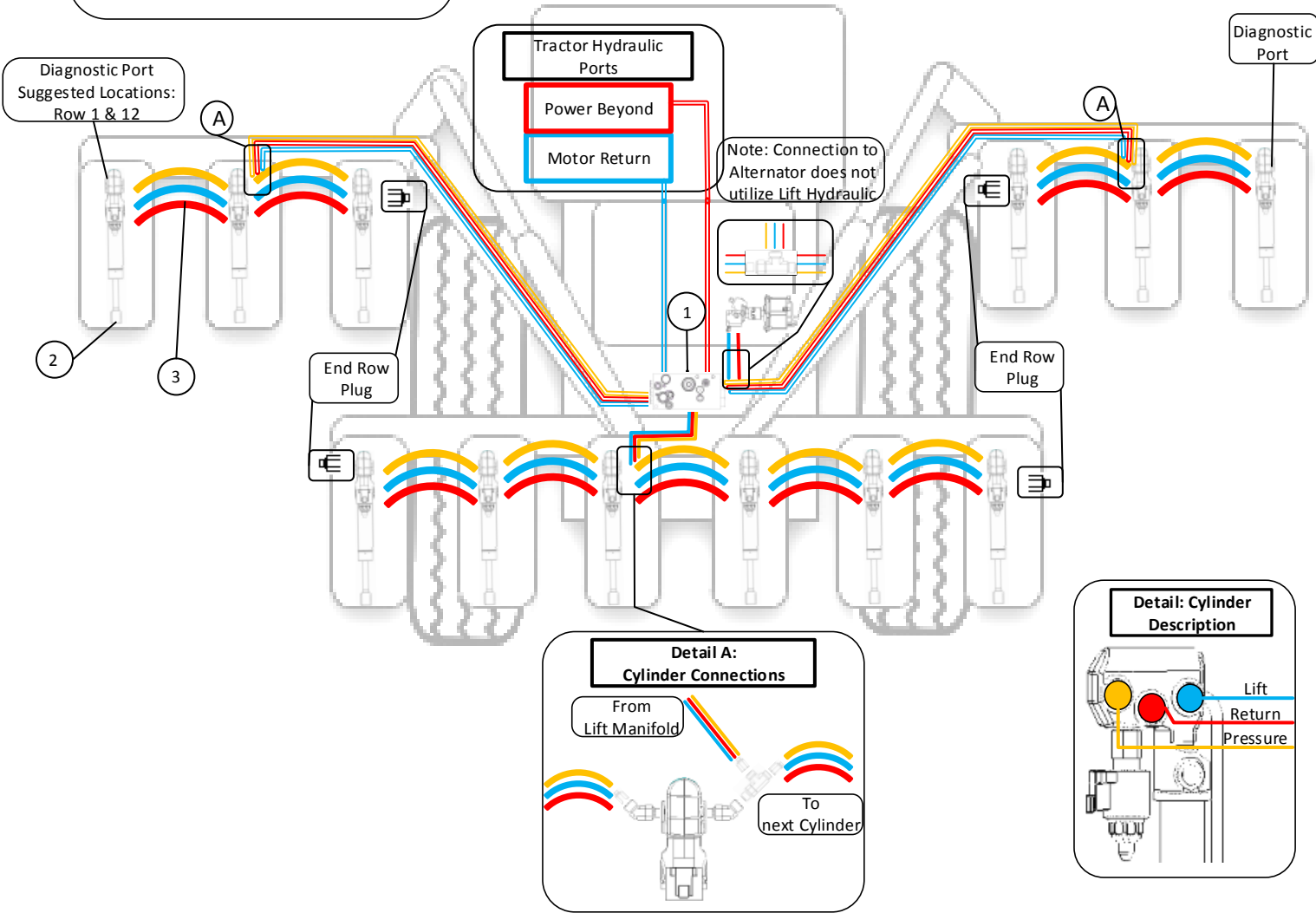
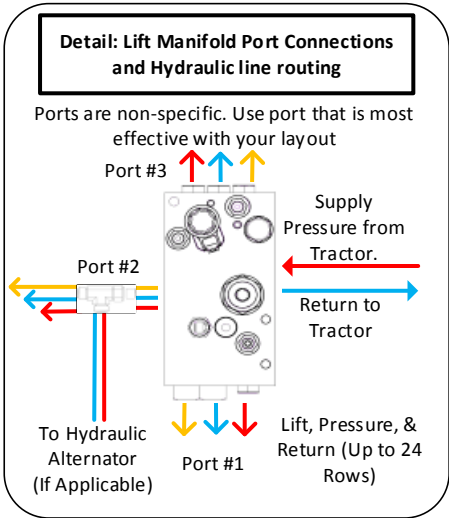
Item	Part NO	Description	QTY
1	729401	15' Tractor Power Ext	1
2	729141	10' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729142	15' CAN Ext	3
5	729423	3 Row SRM Harness	2
6	729426	6 Row SRM Harness	1
7	729147	CAN Terminator	1
8	729150	5' Backbone Power Ext- APEX	1
9	729151	15' Backbone Power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

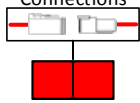


Hydraulic Systems Overview			
John Deere 1720 12 Row Stacker			
Item	Part NO	Description	QTY
1	729651	Lift Manifold	1
2	729600	Hydraulic Cylinders	12
3	729610	30" Row Spacing Inter-Row Kit	9
4	729614	End Row Plug Kit	3
5	729617	3 Frame Hydrualic Fitting Kit	1
6	729160	Alternator Kit (If Applicable)	1
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			

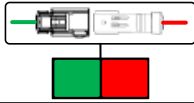


Detail: Harness Connections

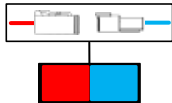
CAN Out to CAN In Backbone Connections



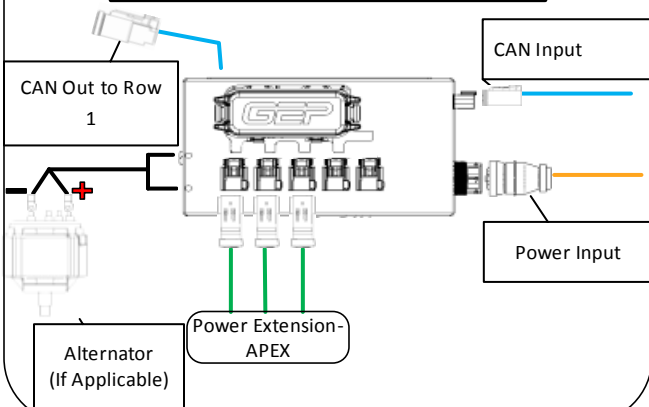
APEX Connection



CAN to Backbone Harness



Detail A: PDM Connections



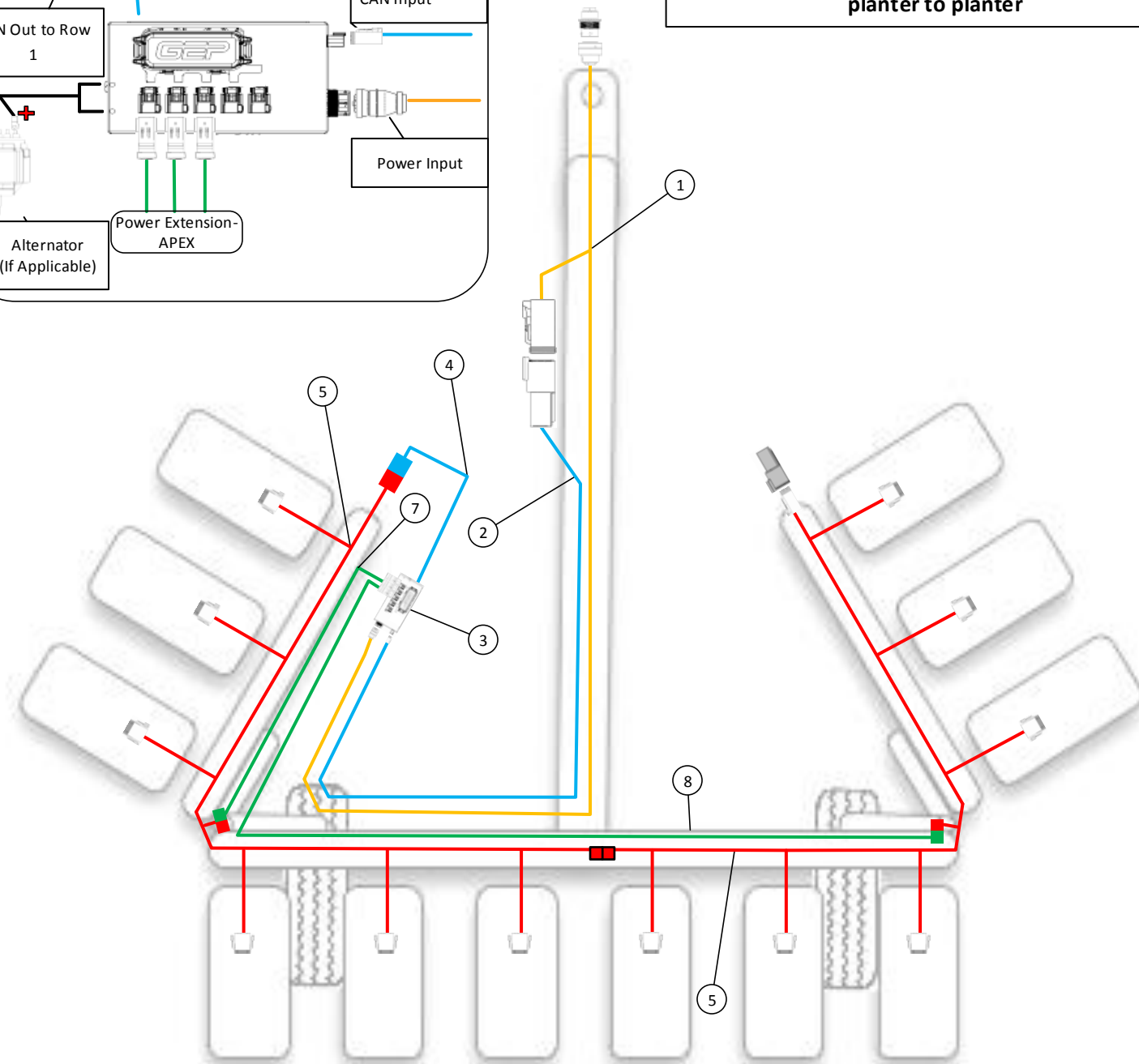
Electrical Systems Overview

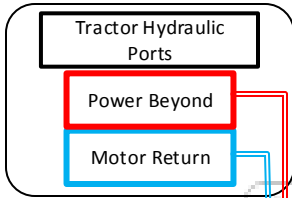
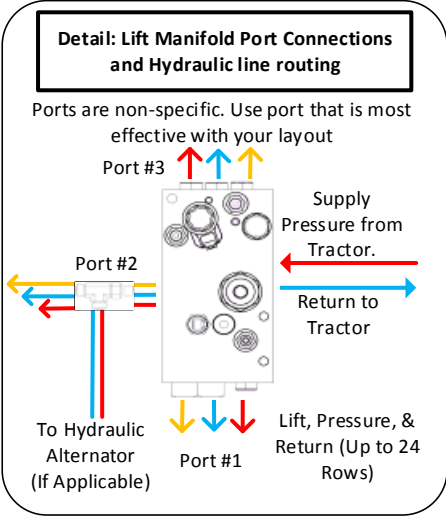
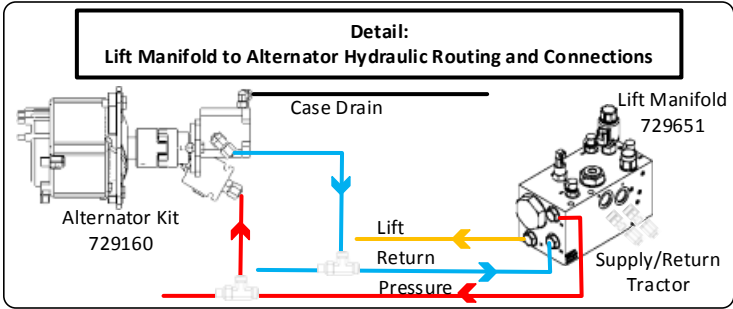
John Deere 1760 12R30

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





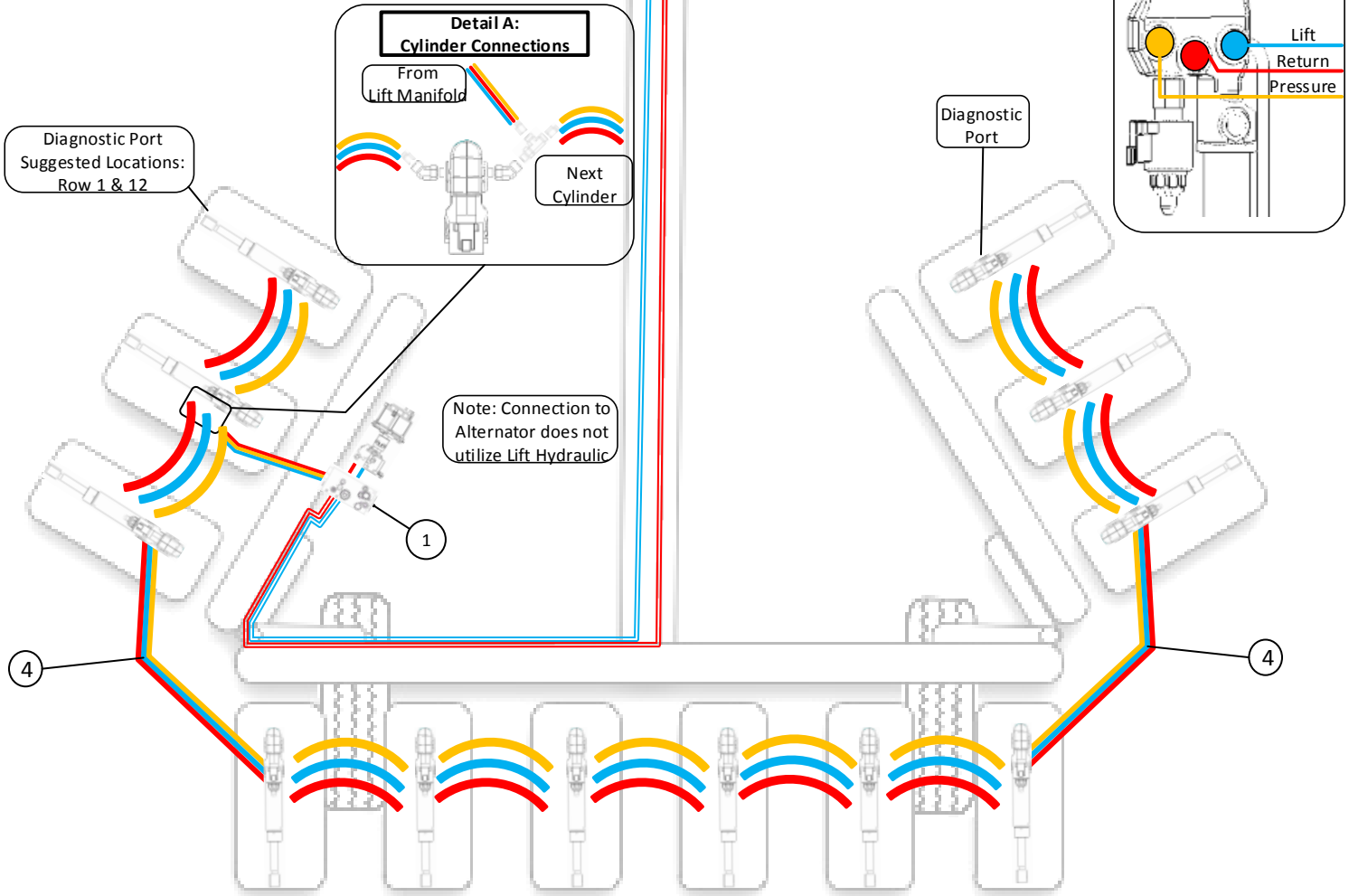
Hydraulic Systems Overview			
John Deere 1760 12 Row 30"			
Item	Part NO	Description	QTY
1	729651	Lift Manifold Kit	1
2	729600	Hydraulic Cylinders	12
3	729610	30" Row Spacing Inter-Row Kit	9
4	729613	45" Inter-Row Kit	2
5	729614	End Row Plug Kit	1

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:

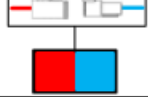
Custom Hoses:

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



Detail: Harness Connections

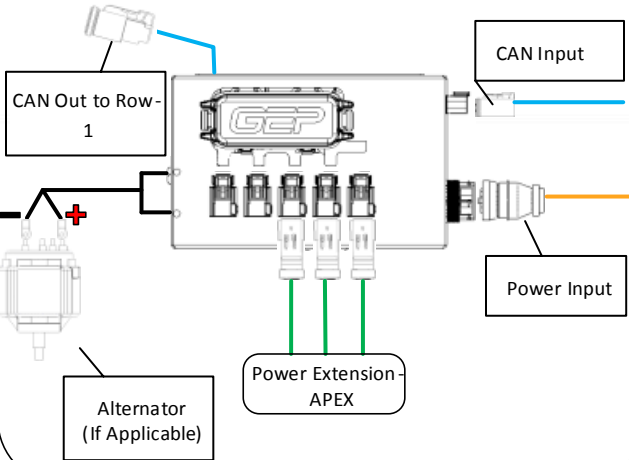
CAN to Backbone
Harness



APEX
Connection



Detail A: PDM Connections



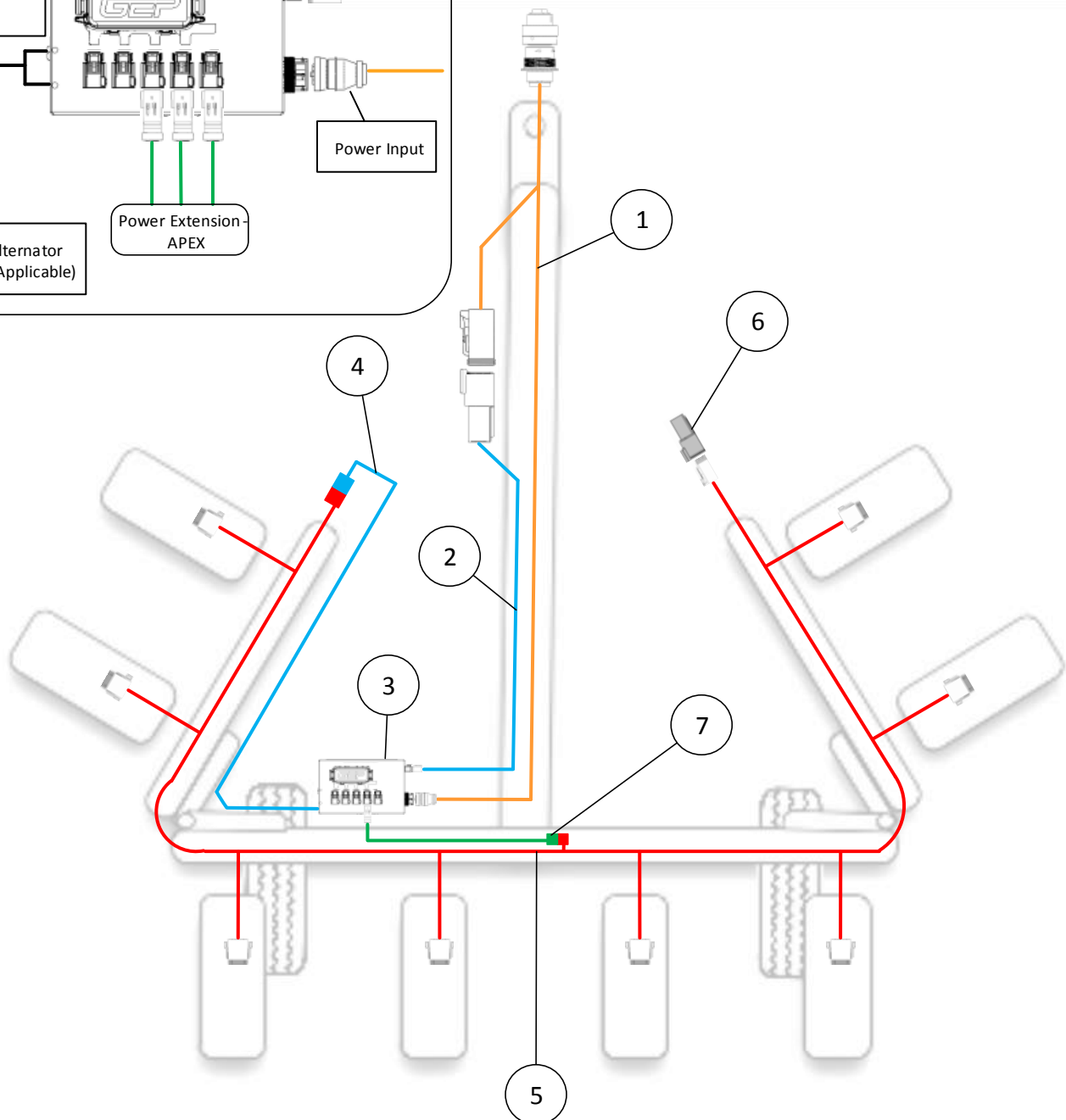
Electrical Systems Overview

John Deere 1760 8R30

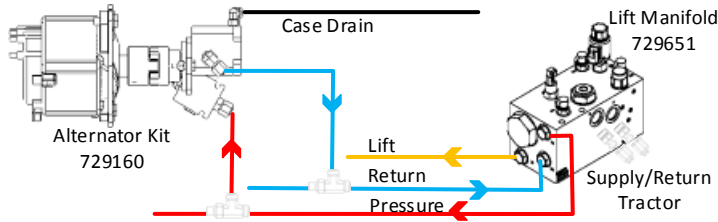
Item	Part NO	Description	QTY
1	729402	25' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	1
5	729428	8 Row SRM Harness	2
7	729147	CAN Terminator	1
8	729150	5' Backbone Power Ext- APEX	1

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

The PDM mounting location may vary slightly from planter to planter

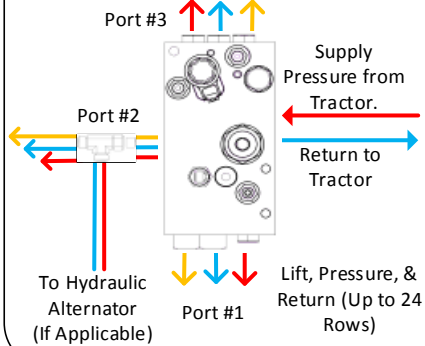


Detail: Lift Manifold to Alternator Hydraulic Routing and Connections



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:

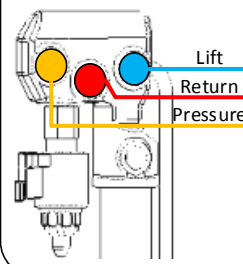


Custom Hoses:

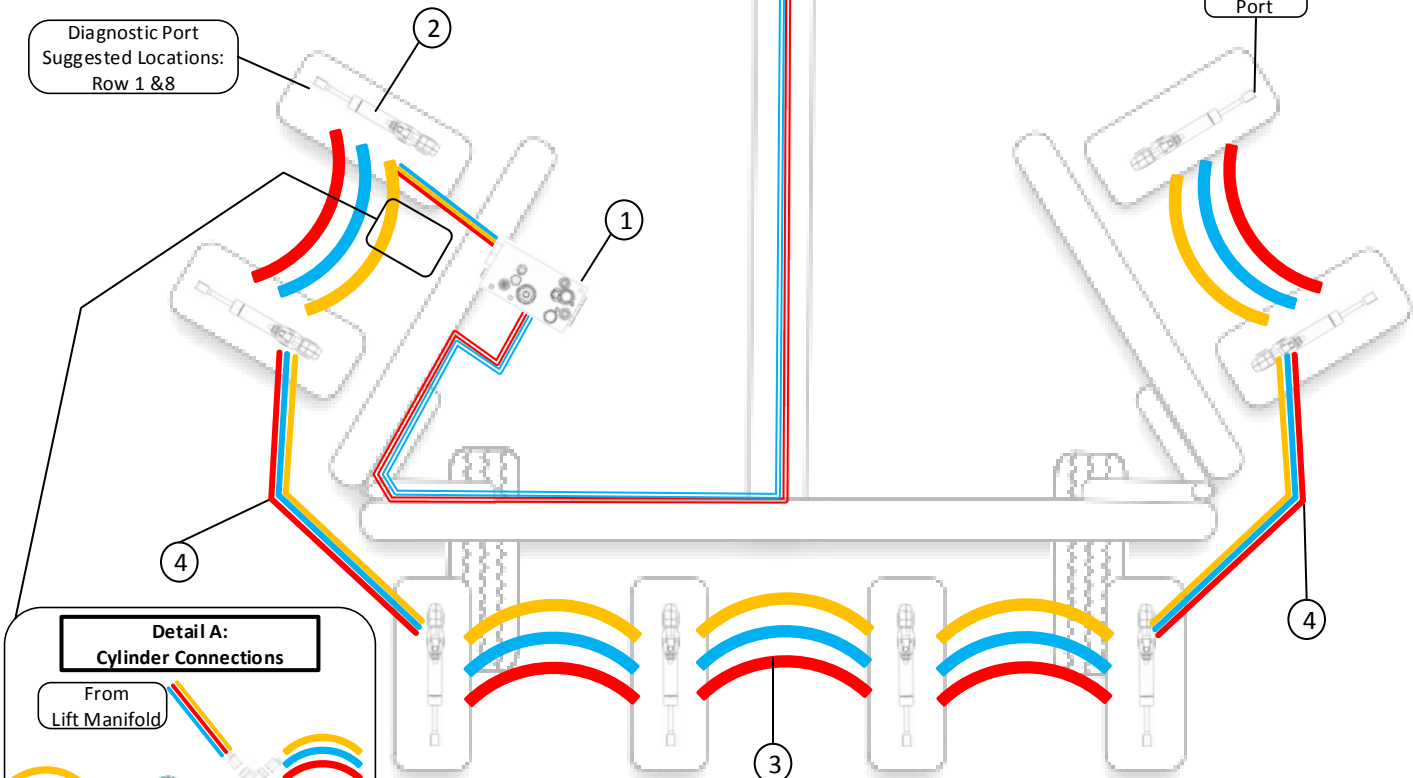


The Lift Manifold mounting location may vary slightly from planter to planter

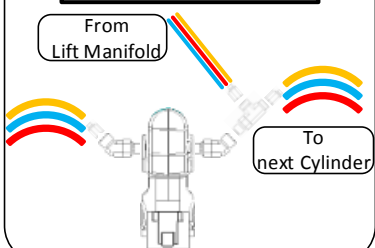
Detail: Cylinder Description



Diagnostic Port
Suggested Locations:
Row 1 & 8

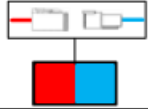


Detail A: Cylinder Connections

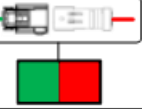


Detail: Harness Connections

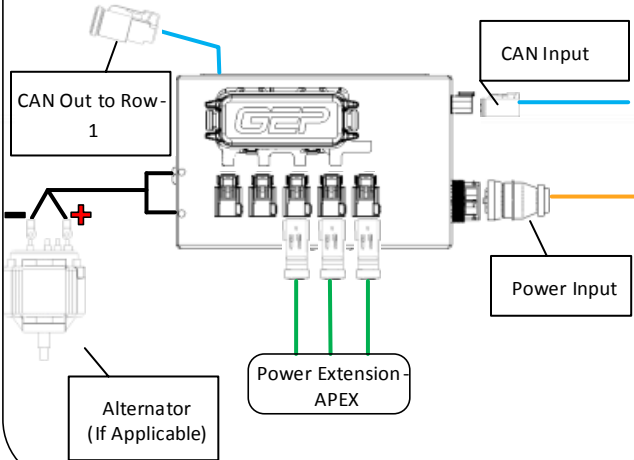
CAN to Backbone
Harness



APEX
Connection



Detail A: PDM Connections



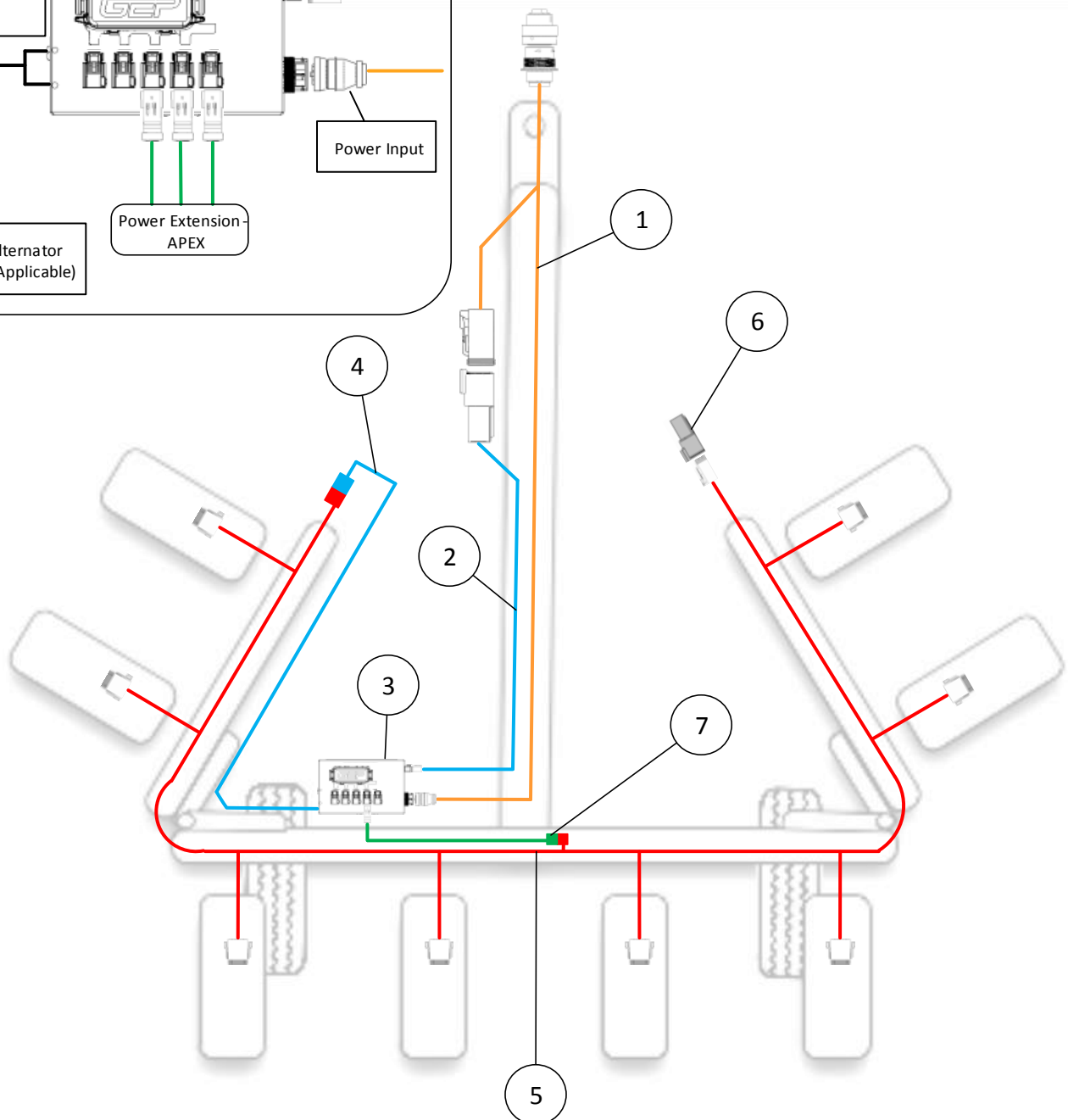
Electrical Systems Overview

John Deere 1760 8R36-38

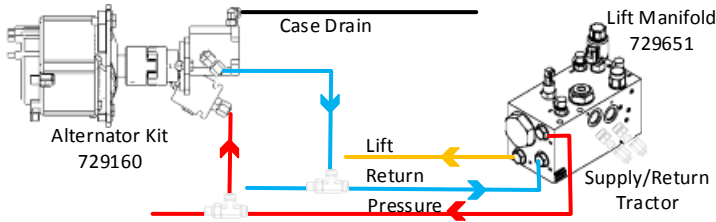
Item	Part NO	Description	QTY
1	729402	25' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	1
5	729448	8 Row SRM Harness 36-38"	1
7	729147	CAN Terminator	1
8	729150	5' Backbone Power Ext- APEX	1

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

The PDM mounting location may vary slightly from planter to planter

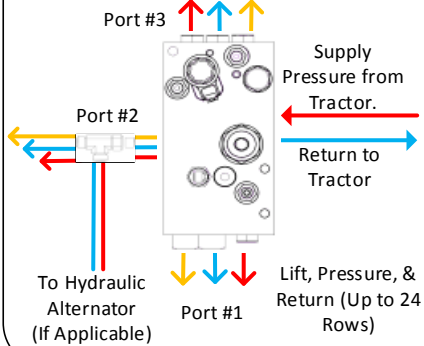


Detail: Lift Manifold to Alternator Hydraulic Routing and Connections



Detail: Lift Manifold Port Connections and Hydraulic line routing

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

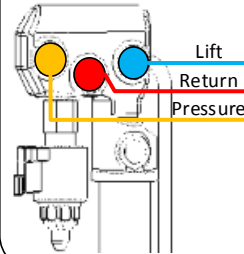


Tractor Hydraulic Ports

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

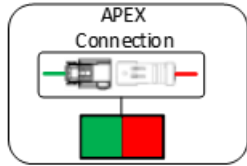
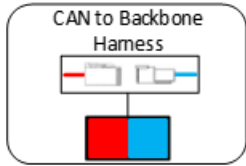
Note: Many of the hoses will vary from planter to planter. We supply hoses for Inter-Rows and from Lift Manifold to first planter section. Custom hose length is up to installation discretion

Supplied Hoses:

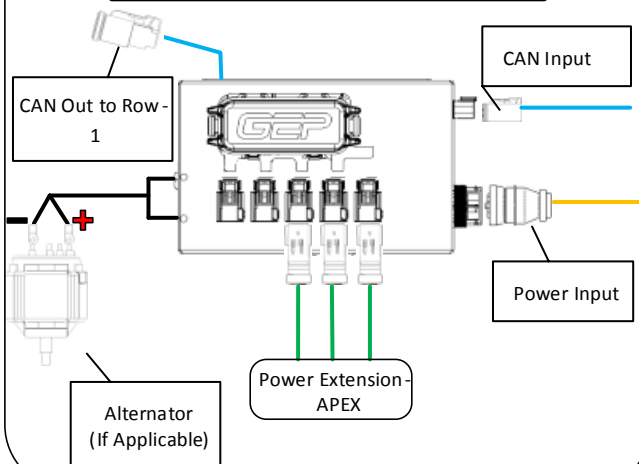
Custom Hoses:

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

Detail: Harness Connections



Detail A: PDM Connections



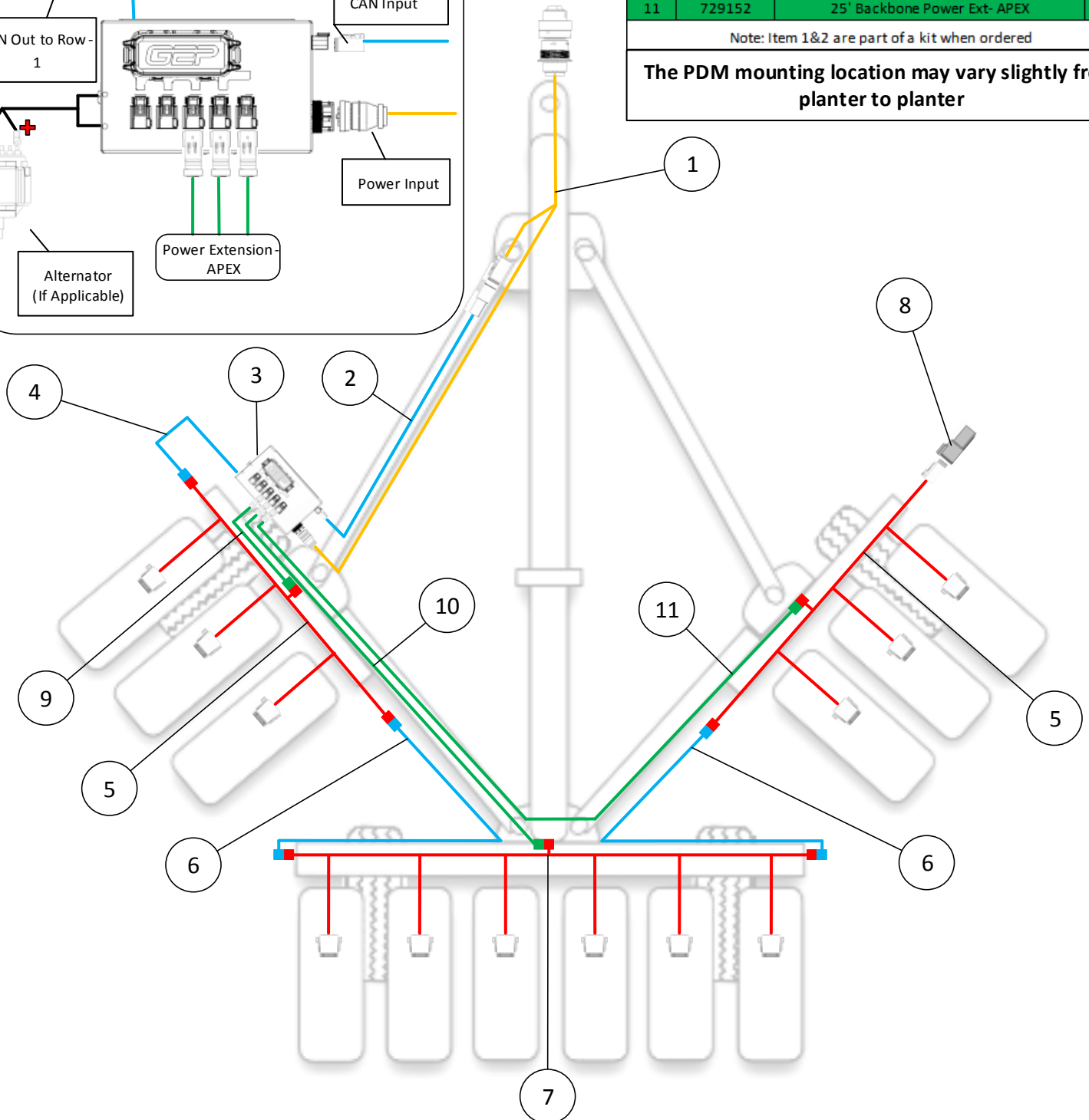
Electrical Systems Overview

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



Hydraulic Systems Overview

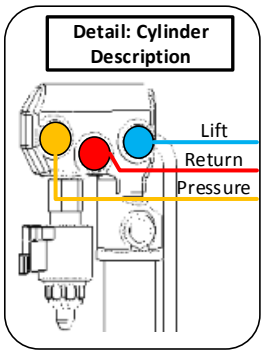
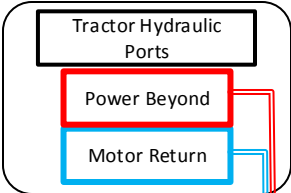
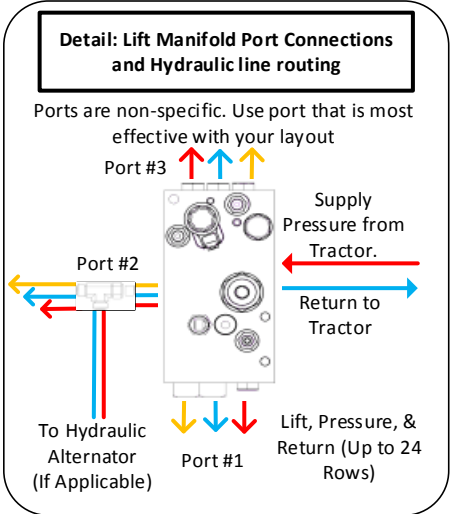
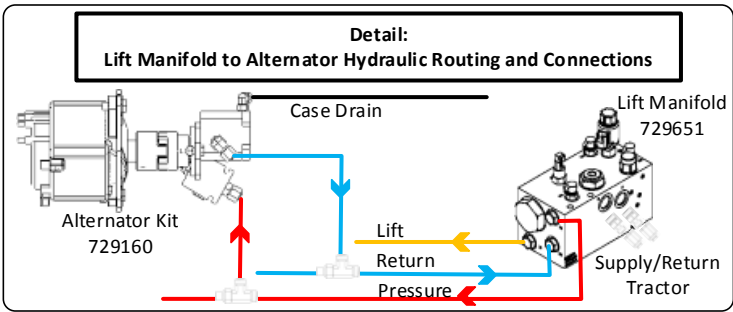
John Deere 1770 12 Row 30"

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	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:	

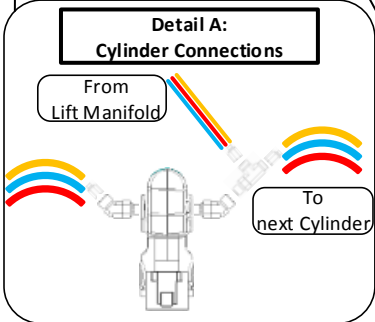
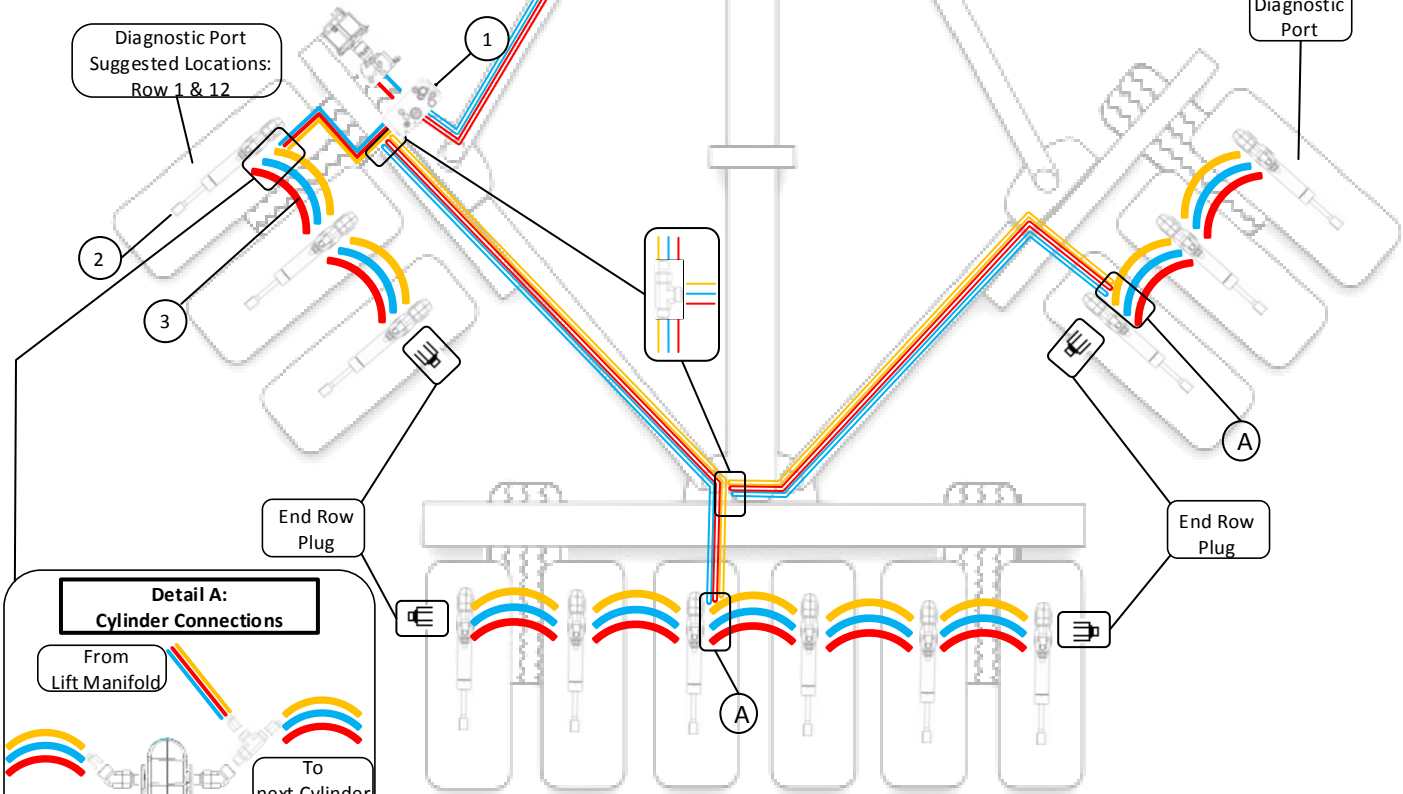
The Lift Manifold mounting location may vary slightly from planter to planter



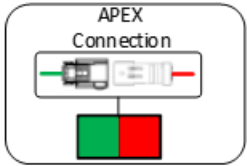
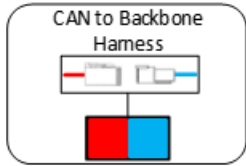
Note: Connection to Alternator does not utilize Lift Hydraulic

Diagnostic Port
Suggested Locations:
Row 1 & 12

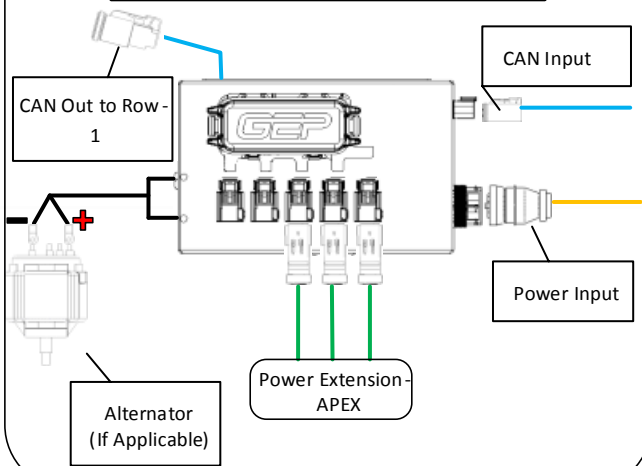
Diagnostic Port



Detail: Harness Connections



Detail A: PDM Connections



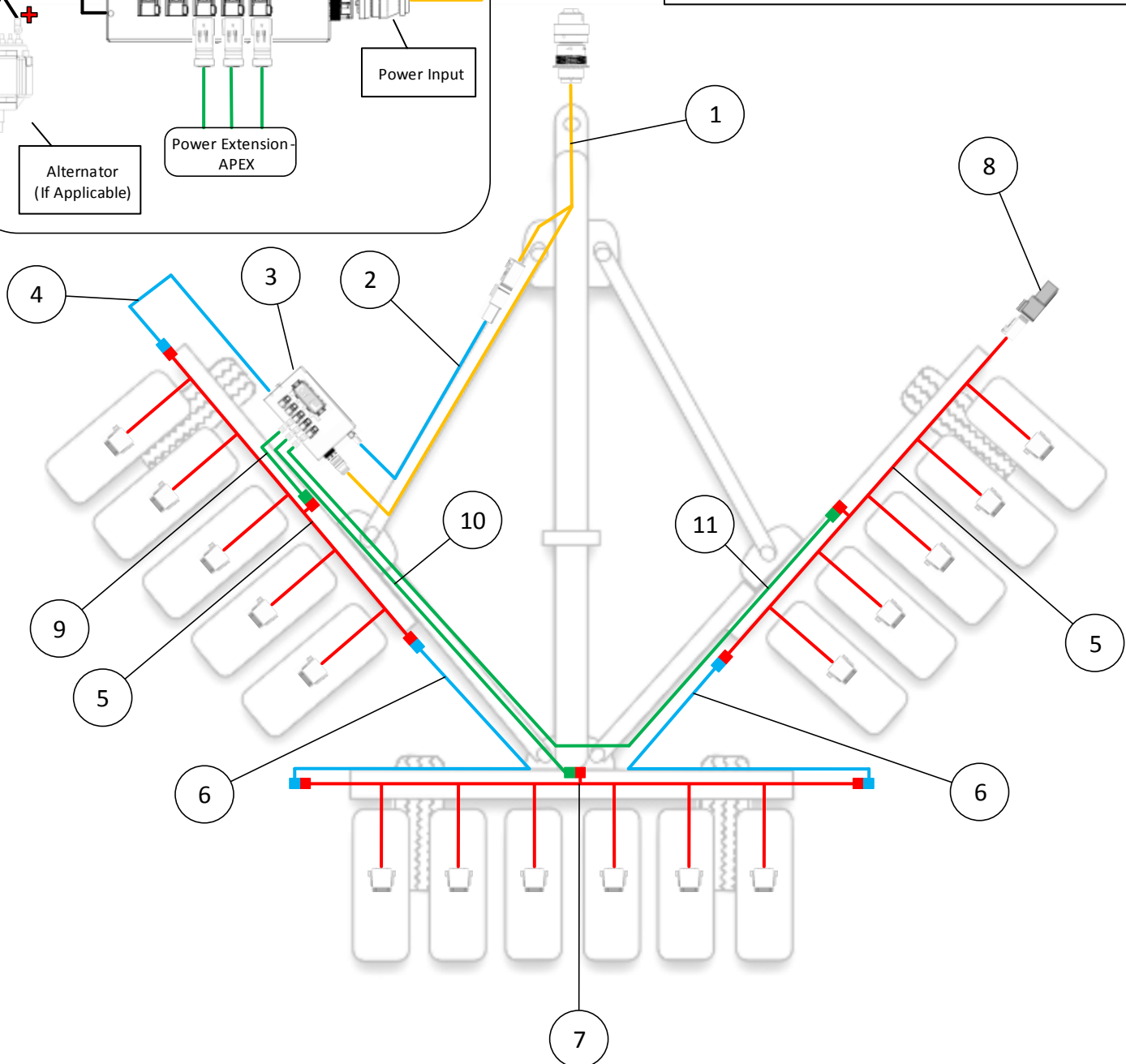
Electrical Systems Overview

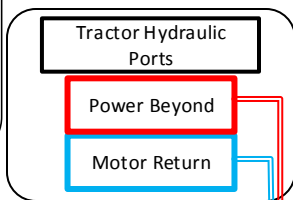
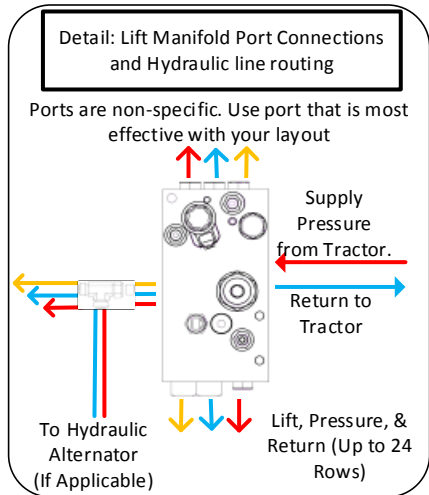
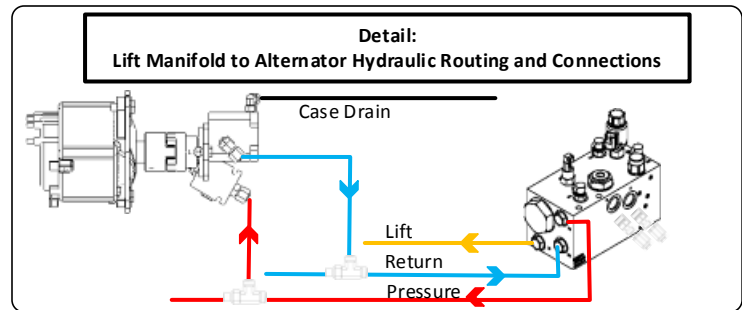
John Deere 1770- 16R30

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

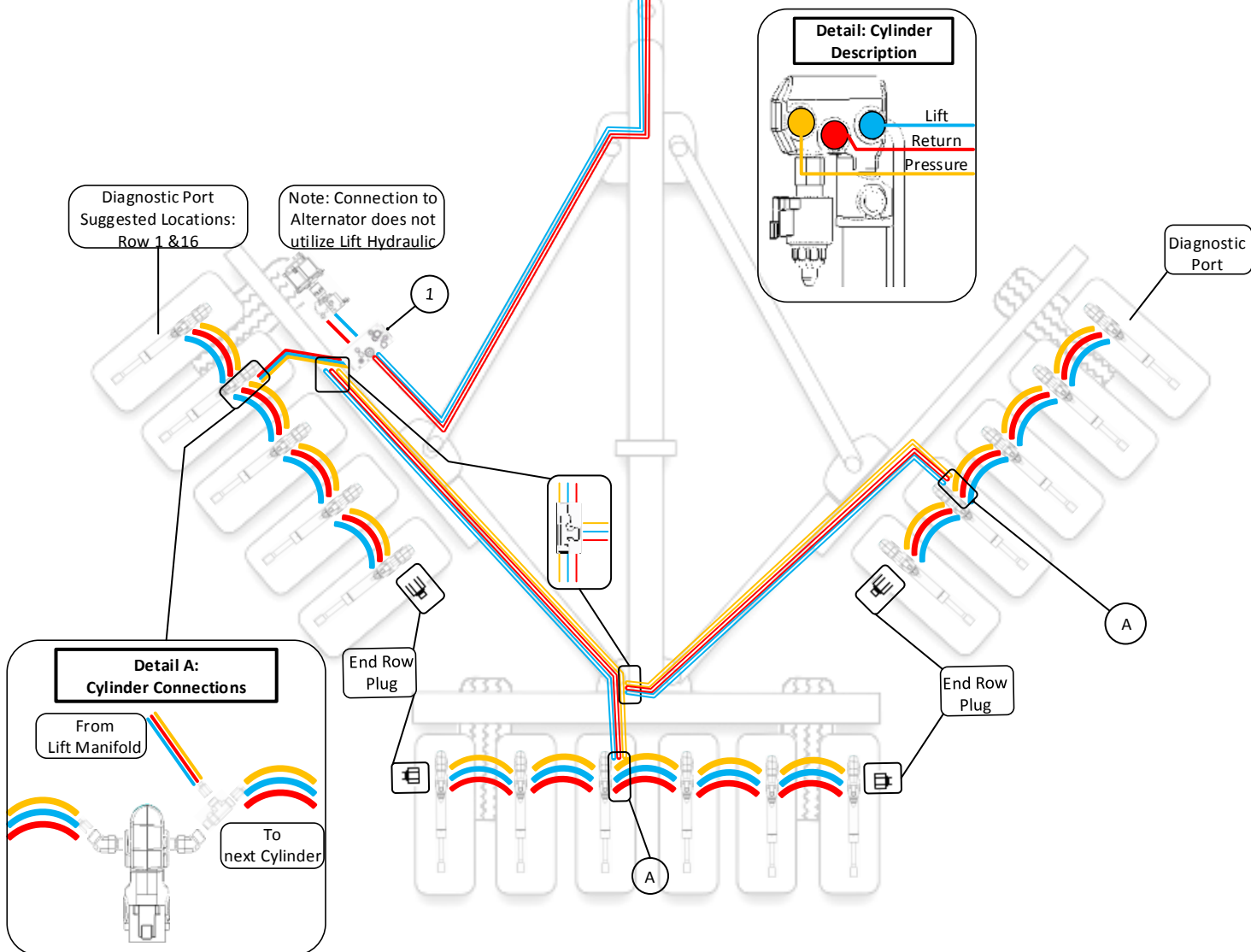
Note: Item 1&2 are part of a kit when ordered

The PDM mounting location may vary slightly from planter to planter



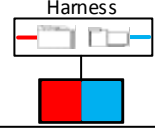


Hydraulic Systems Overview			
John Deere1770 16 Row 30"			
Item	Part NO	Description	QTY
1	729651	Lift Manifold Kit	1
2	729600	Hydraulic Cylinders	16
3	729610	30" Row Spacing Inter-Row Kit	13
4	729614	End Row Plug Kit	3
5	729617	3 Frame Hydrualic Fitting Kit	1
6	729160	Alternator Kit (If Applicable)	1
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			

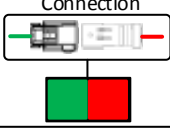


Detail: Harness Connections

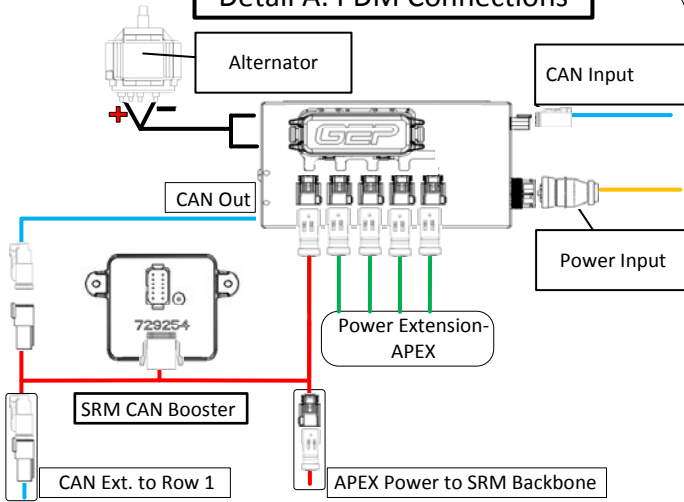
CAN to Backbone
Harness



APEX
Connection



Detail A: PDM Connections



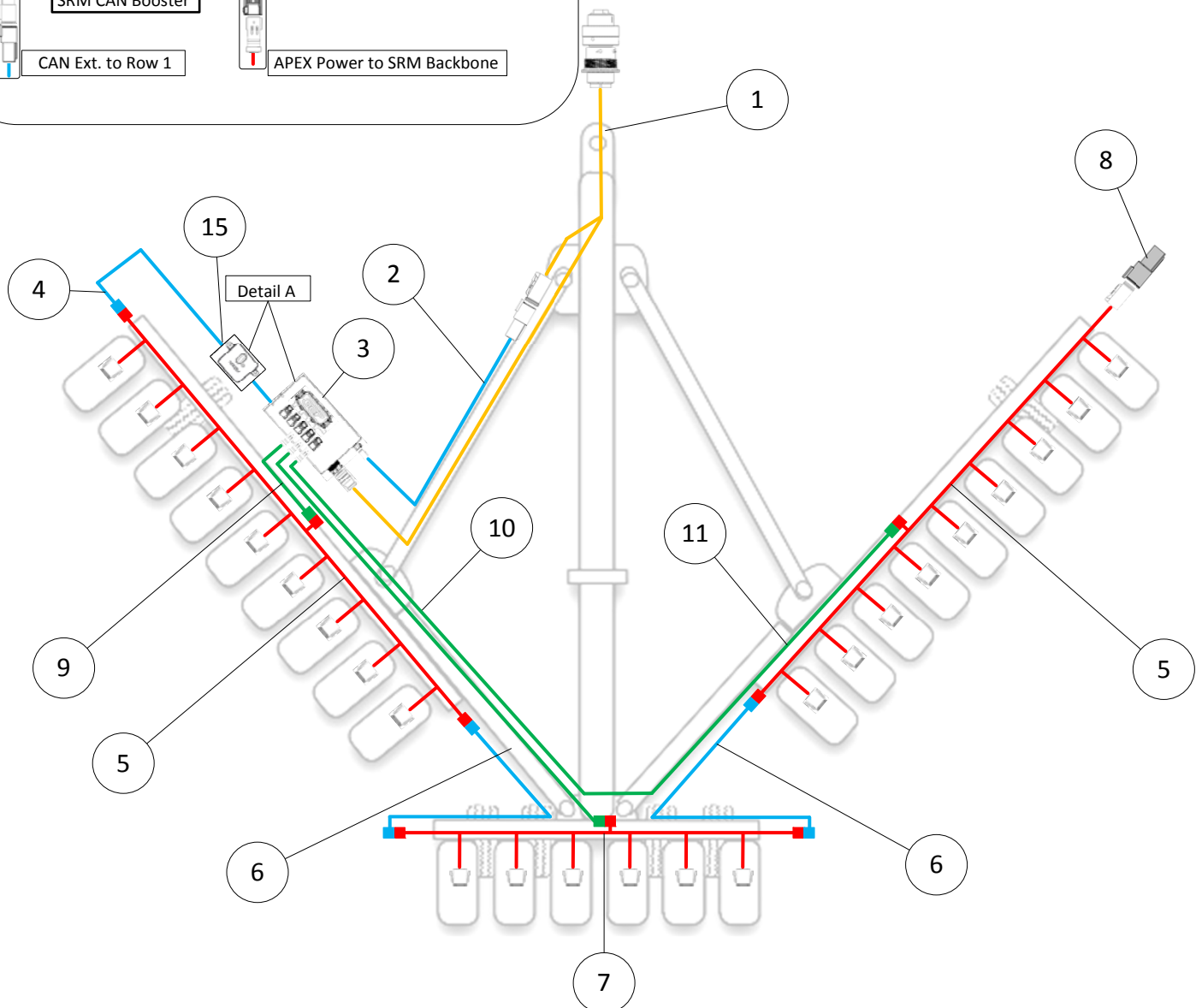
Electrical Systems Overview

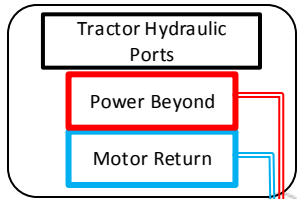
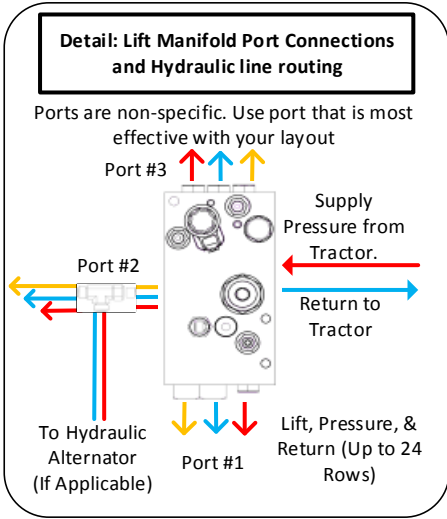
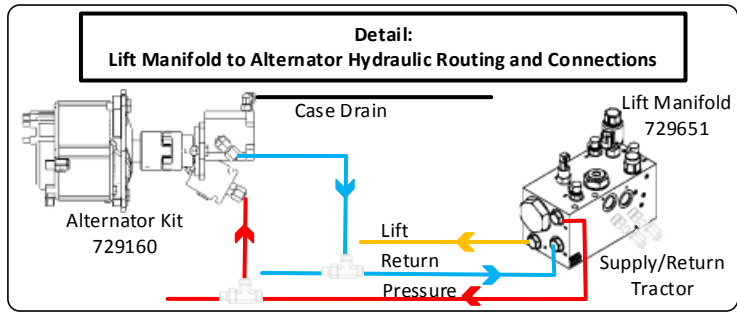
John Deere 1770- 24R30

Item	Part NO	Description	QTY
1	729403	35' Tractor Power Ext	1
2	729144	30' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	1
5	729429	9 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	729152	25' Backbone Power Ext- APEX	1
11	729153	35' Backbone Power Ext- APEX	1
12	729250	SRM CAN Booster	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 24 Row 30"

Item	Part NO	Description	QTY
1	729651	Lift Manifold Kit	1
2	729600	Hydraulic Cylinders	24
3	729610	30" Row Spacing Inter-Row Kit	21
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

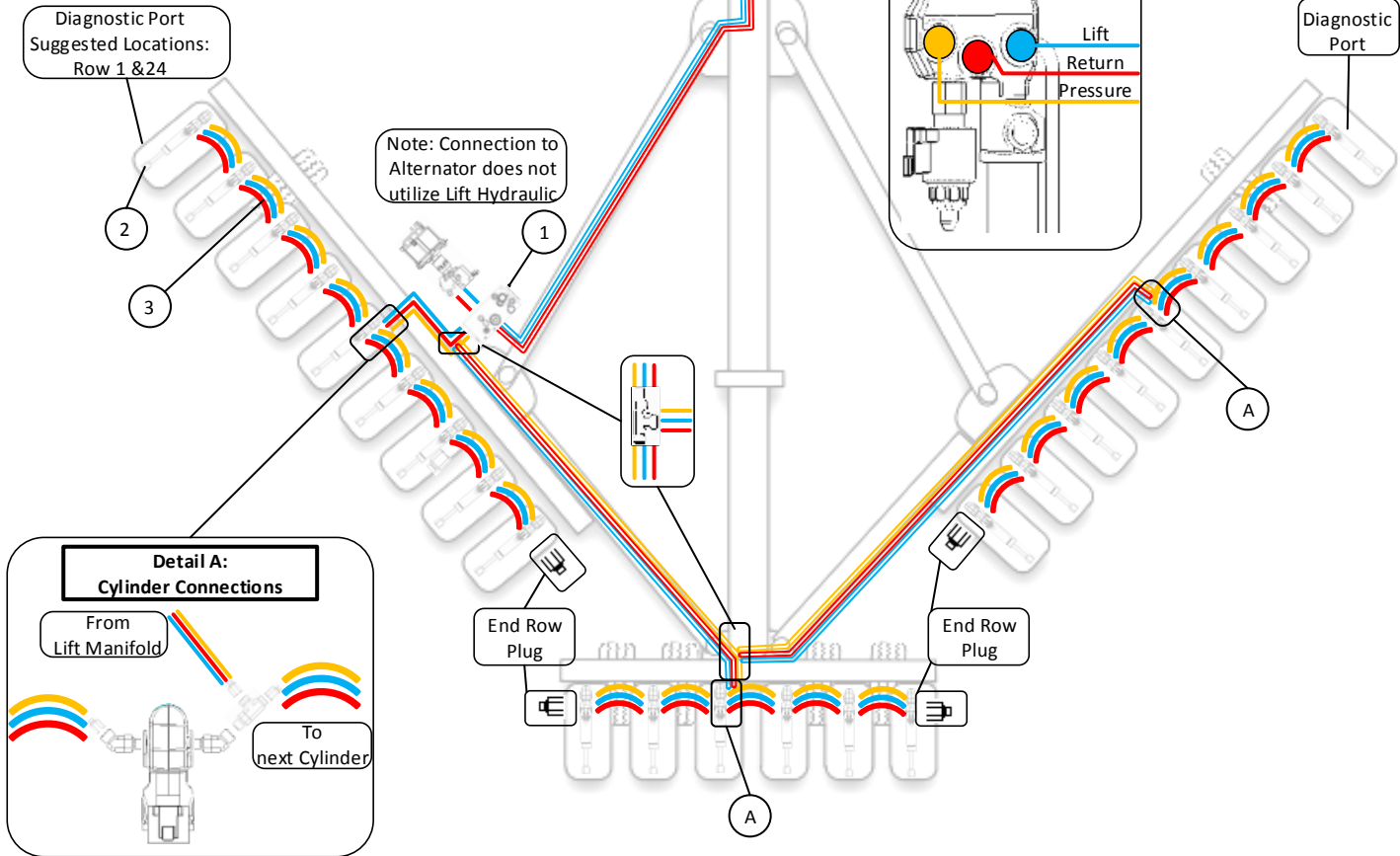
Supplied Hoses:



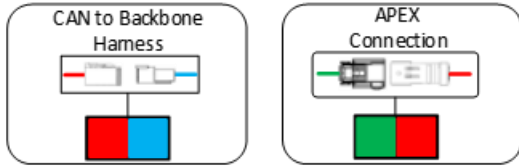
Custom Hoses:



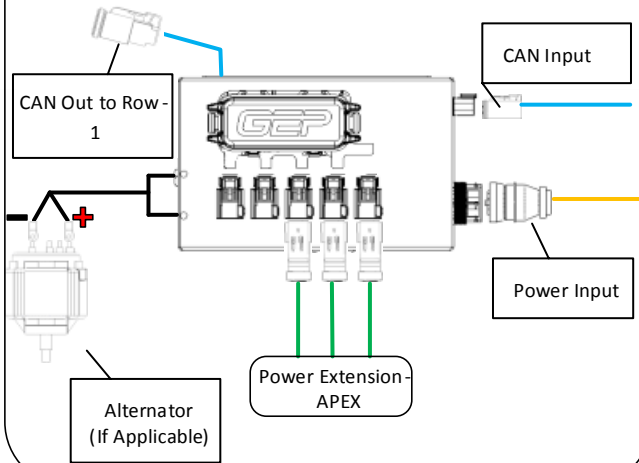
The Lift Manifold mounting location may vary slightly from planter to planter



Detail: Harness Connections



Detail A: PDM Connections



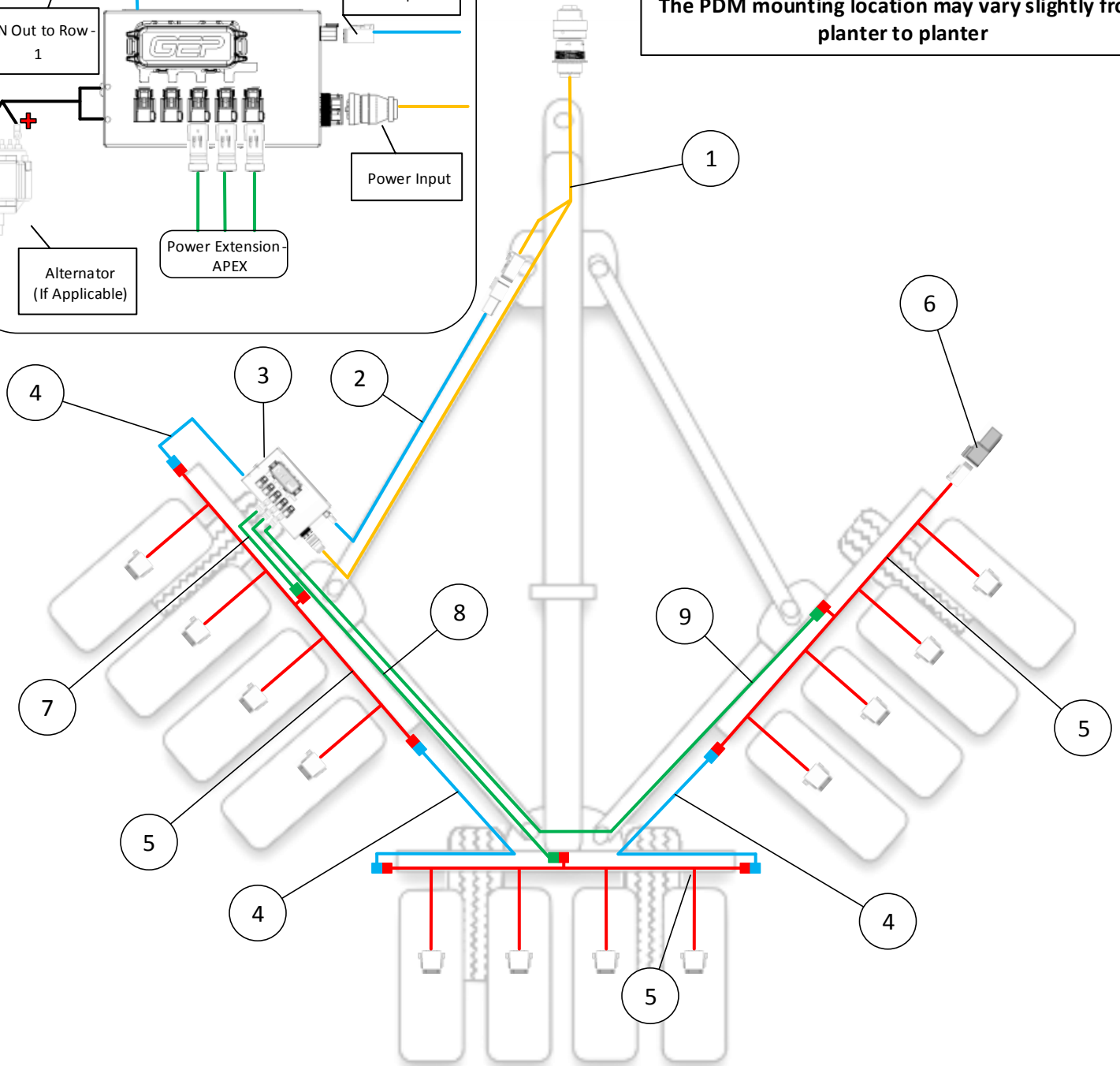
Electrical Systems Overview

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:

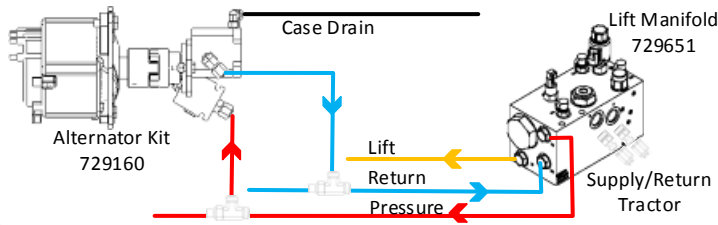


Custom Hoses:



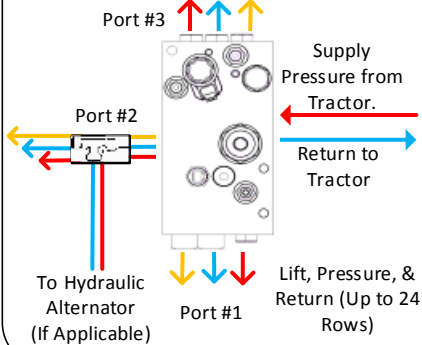
The Lift Manifold mounting location may vary slightly from planter to planter

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

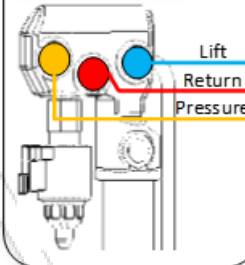


Tractor Hydraulic Ports

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

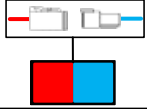
To next Cylinder

Inter-Row Kits Detail

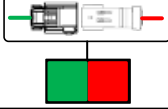


Detail: Harness Connections

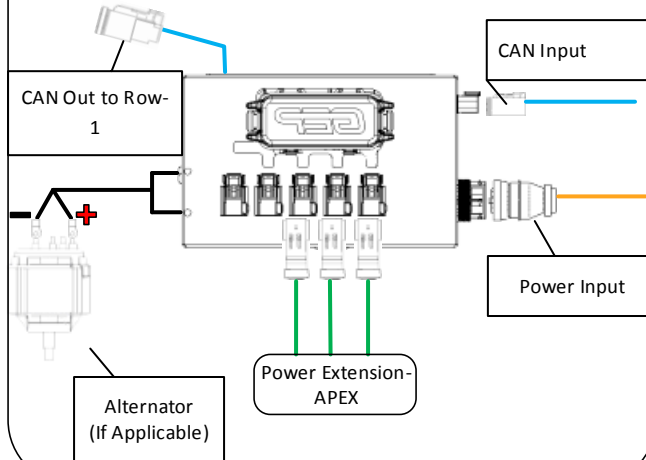
CAN to Backbone
Harness



APEX
Connection



Detail A: PDM Connections



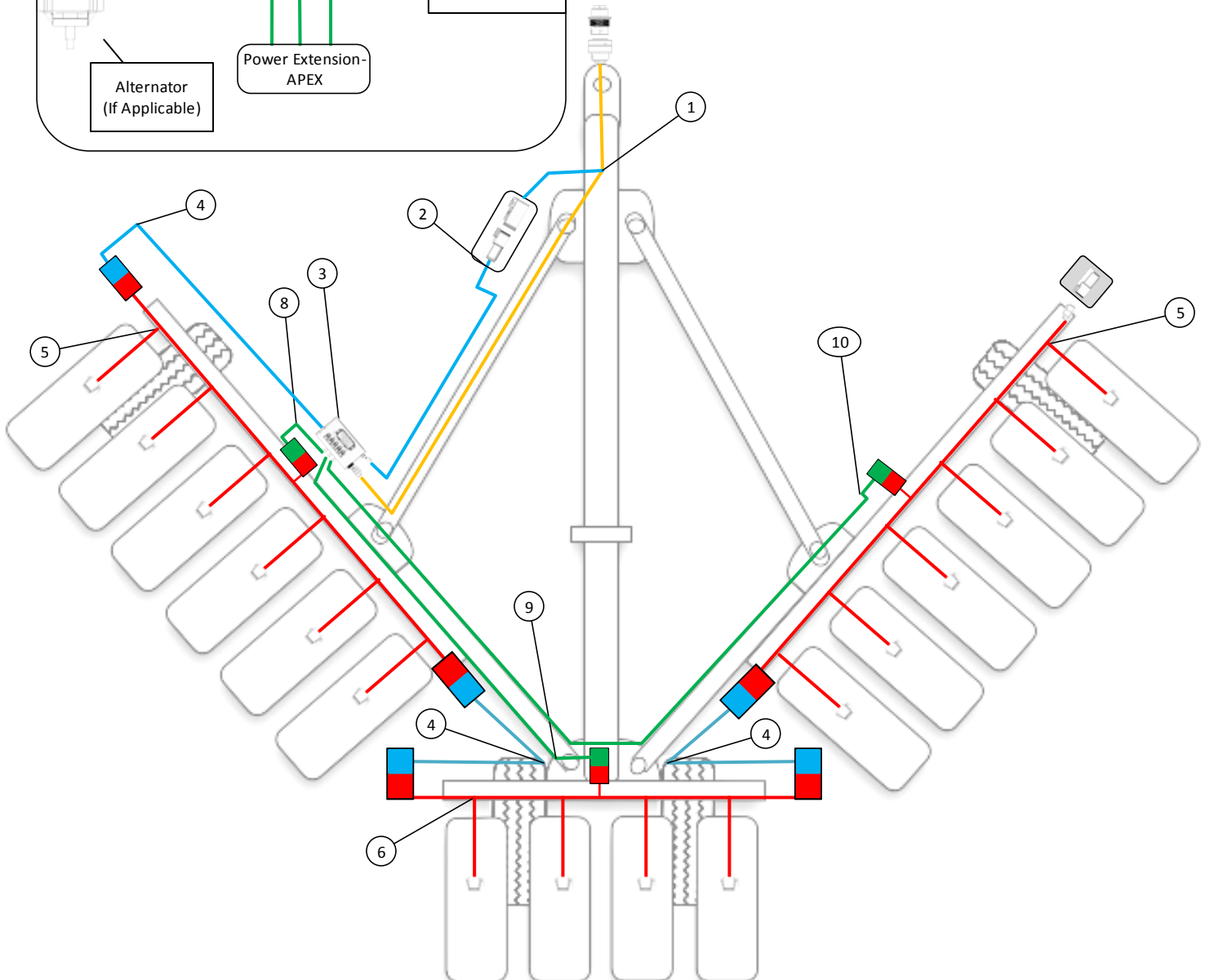
Electrical Systems Overview

John Deere 1770NT- 16R30

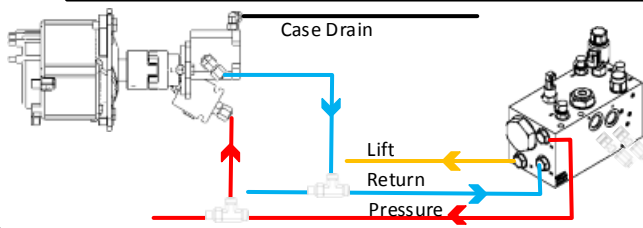
Item	Part NO	Description	QTY
1	729402	25' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	3
5	729426	6 Row SRM Harness	2
6	729424	4 Row SRM Harness	1
7	729147	CAN Terminator	1
8	729150	5' Backbone Power Ext- APEX	1
9	729151	15' Backbone Power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

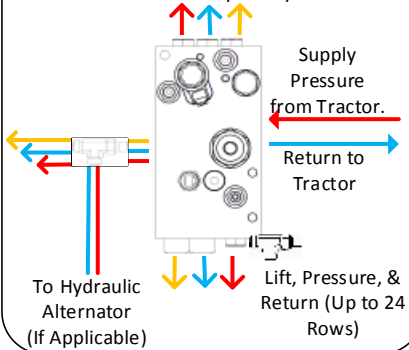


Detail: Lift Manifold to Alternator Hydraulic Routing and Connections



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:



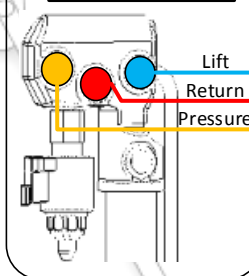
Custom Hoses:

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

Diagnostic Port
Suggested Locations:
Row 1 & 16

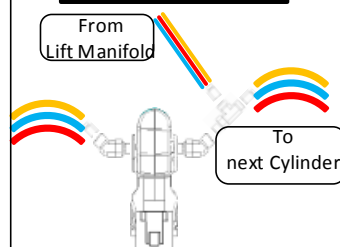
Note: Connection to Alternator does not utilize Lift Hydraulic

Detail: Cylinder Description



Diagnostic Port

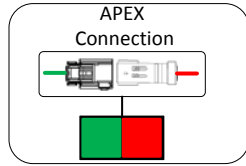
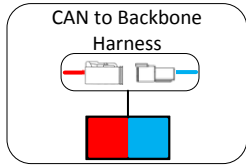
Detail A: Cylinder Connections



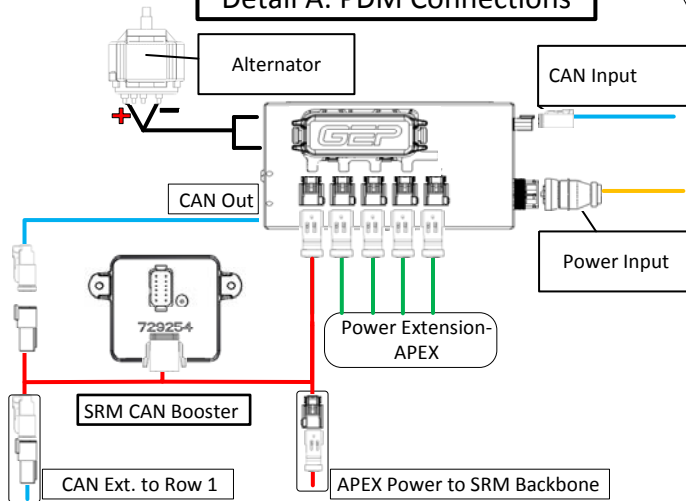
Inter-Row Kits Detail



Detail: Harness Connections



Detail A: PDM Connections



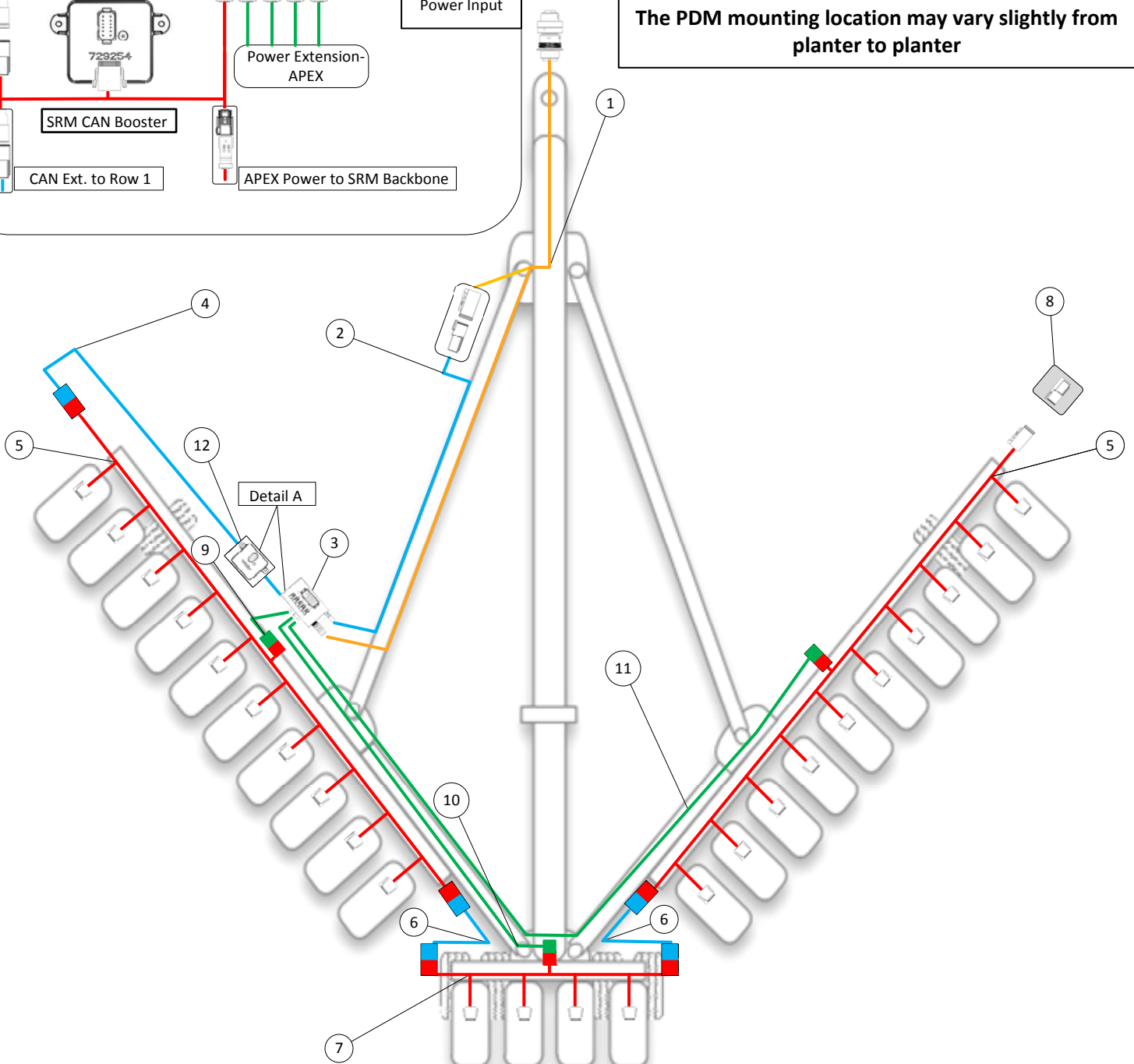
Electrical Systems Overview

John Deere 1770NT- 24R30

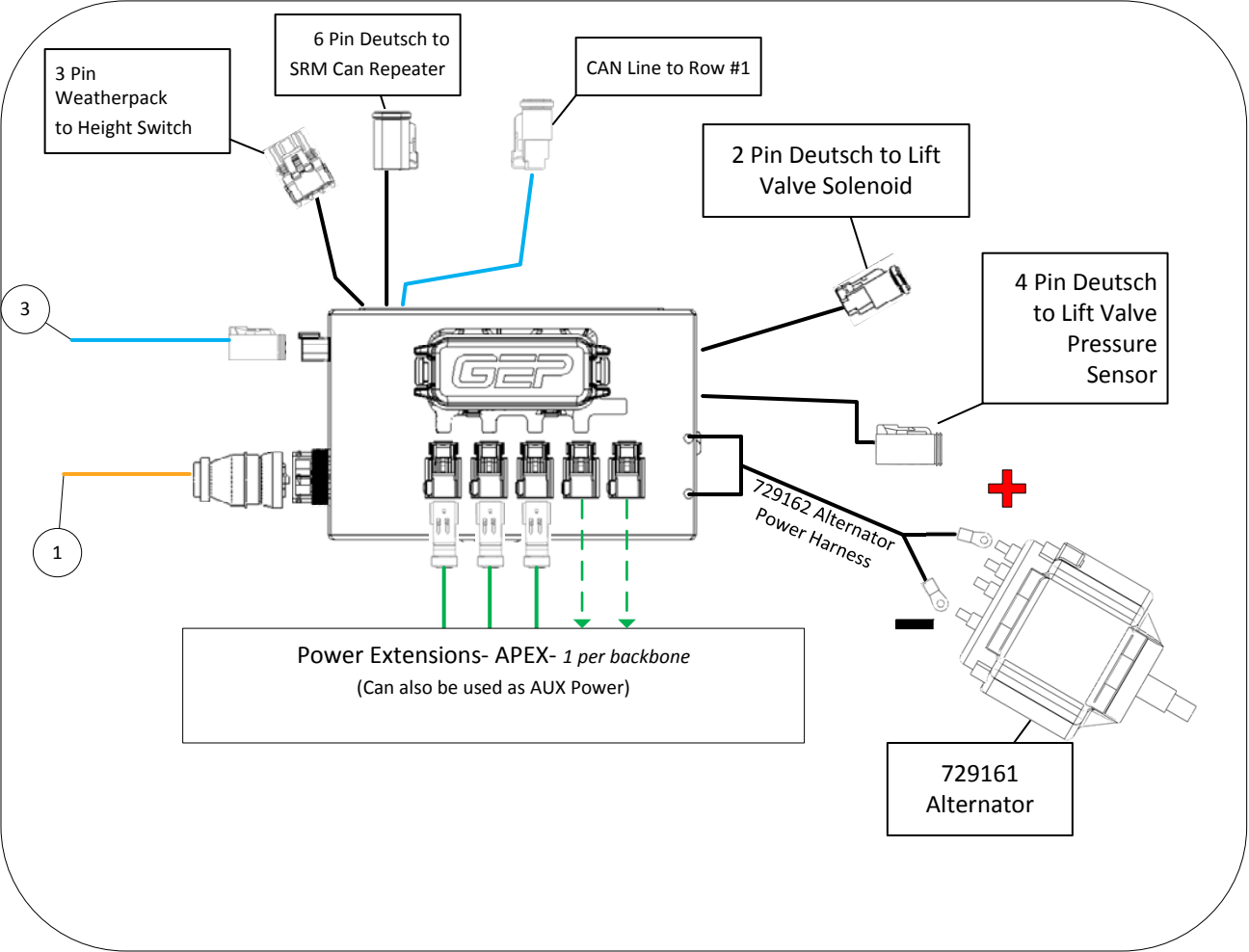
Item	Part NO	Description	QTY
1	729403	35' Tractor Power Ext	1
2	729144	30' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729141	10' CAN Ext	1
5	729430	10 Row SRM Harness	2
6	729140	5' CAN Ext	2
7	729424	4 Row SRM Harness	1
8	729147	CAN Terminator	1
9	729150	5' Backbone Power Ext- APEX	1
10	729152	25' Backbone Power Ext- APEX	1
11	729153	35' Backbone Power Ext- APEX	1
12	729250	SRM CAN Booster	1

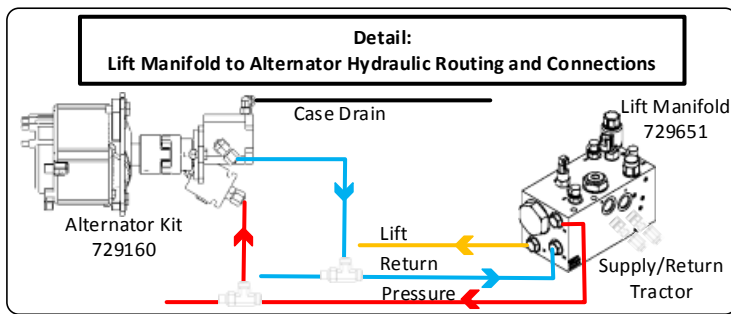
Note: Item 1&2 are part of a kit when ordered

The PDM mounting location may vary slightly from planter to planter



Callout A: Power Distribution Module (PDM)





Hydraulic Systems Overview

John Deere 1770NT 24 Row 30"

Item	Part NO	Description	QTY
1	729651	Lift Manifold Kit	1
2	729600	Hydraulic Cylinders	24
3	729610	30" Row Spacing Inter-Row Kit	19
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

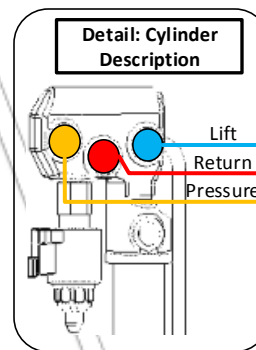
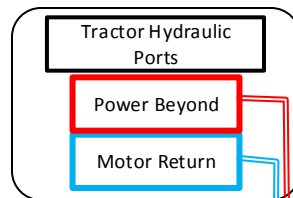
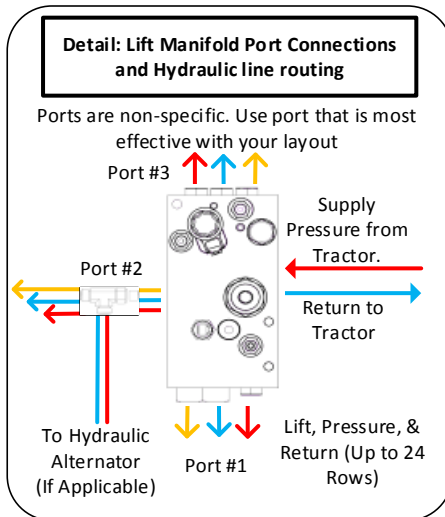
Supplied Hoses:



Custom Hoses:



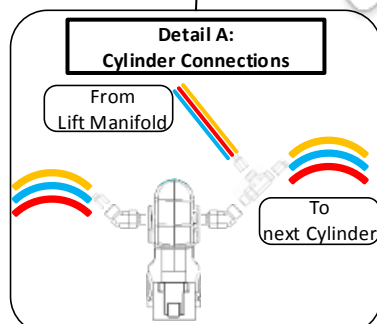
The Lift Manifold mounting location may vary slightly from planter to planter



Diagnostic Port
Suggested Locations:
Row 1 & 24

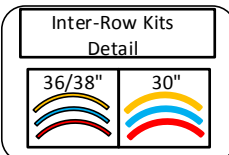
Note: Connection to Alternator does not utilize Lift Hydraulic

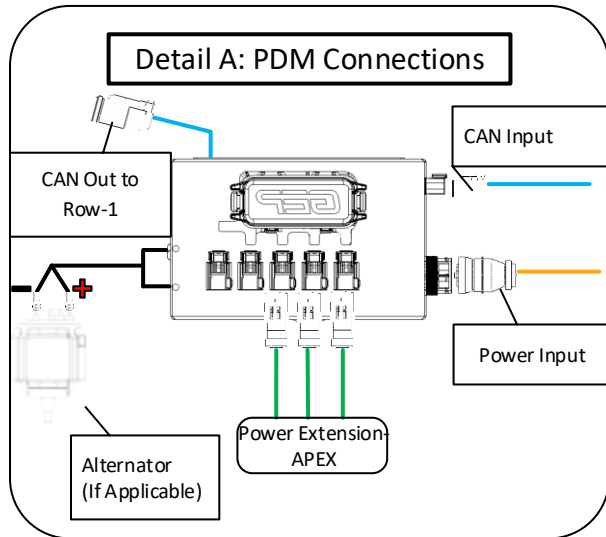
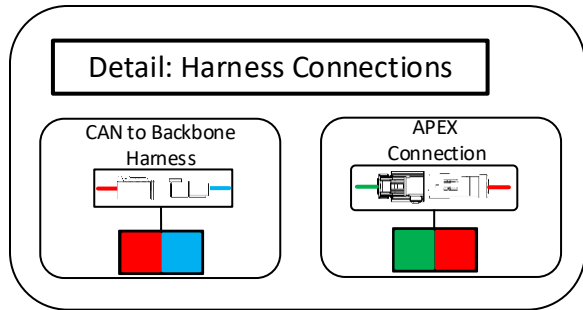
Diagnostic Port



End Row Plug

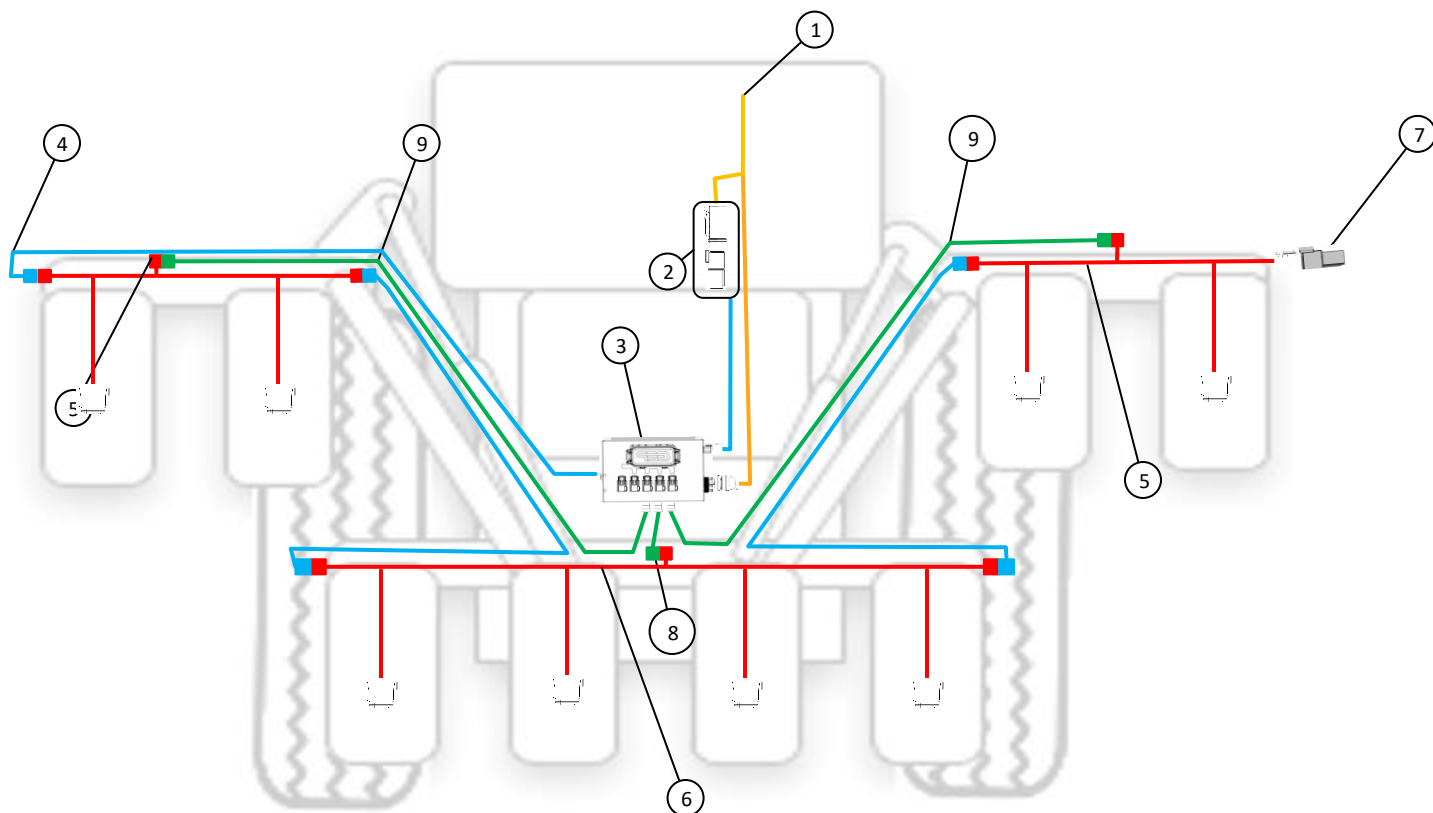
End Row Plug

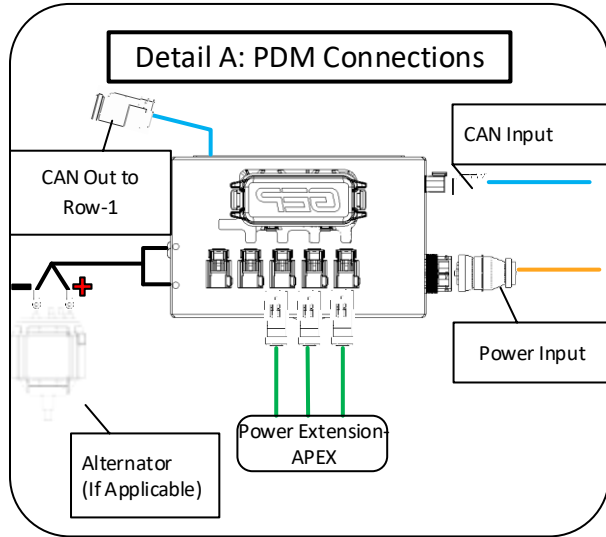
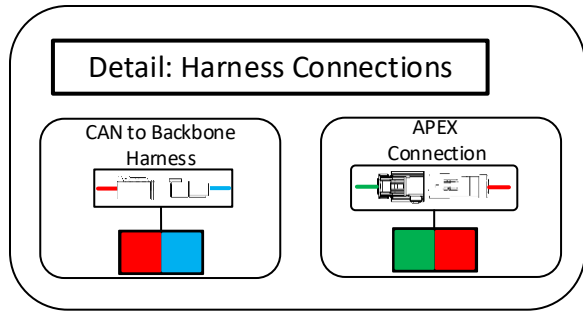




Electrical Systems Overview			
John Deere 1720 8R40 Stacker			
Item	Part NO	Description	QTY
1	729401	15' Tractor Power Ext	1
2	729141	10' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729142	15' CAN Ext	3
5	729442	2 Row SRM Harness	2
6	729444	4 Row SRM Harness	1
7	729147	CAN Terminator	1
8	729150	5' Backbone Power Ext- APEX	1
9	729151	15' Backbone Power Ext- APEX	2

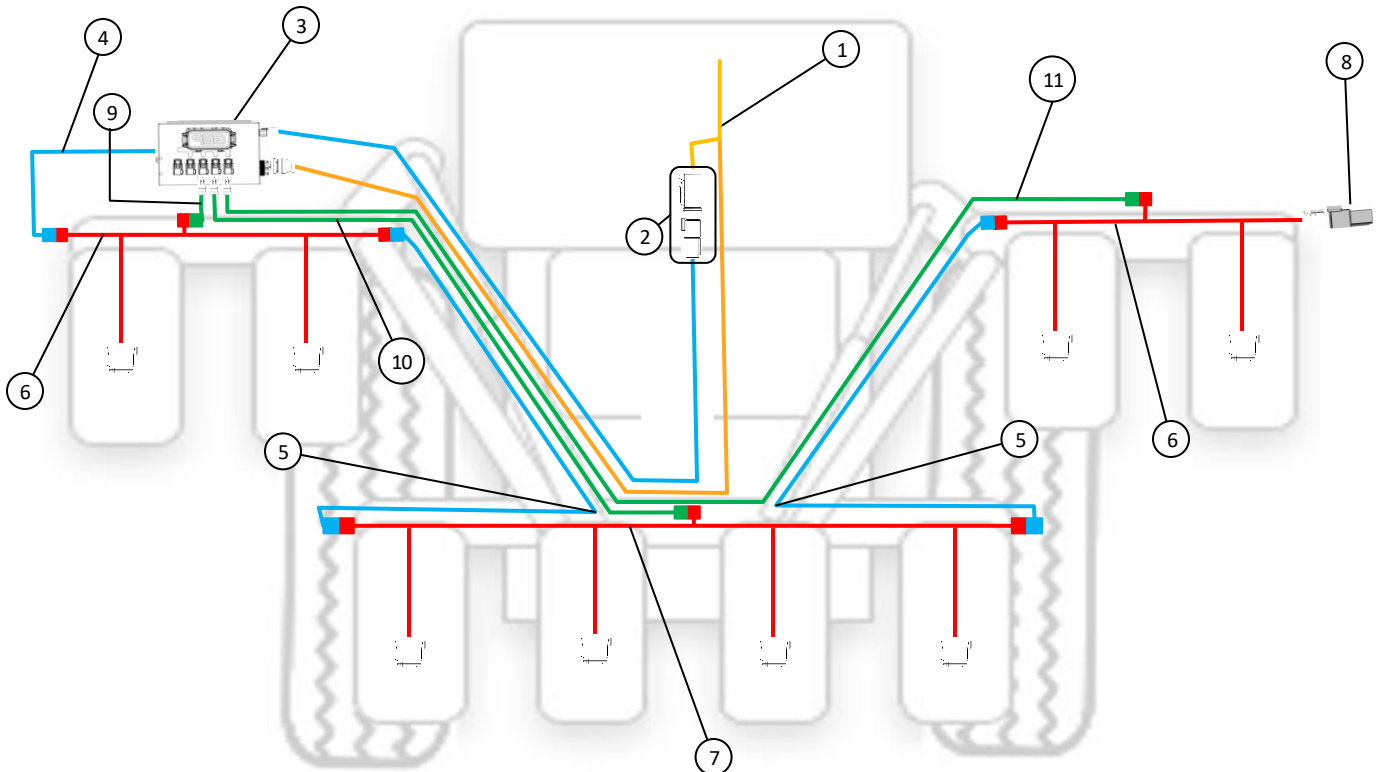
- Notes:
- Item 1 & 2 are part of a kit when ordered.
 - Item 8 (CAN Terminator) is included with the Gen3 Base Kit.
 - 2' Row Harness Extensions (729255) may be necessary on some rows with Long Parallel Arms.
- The PDM mounting location may vary slightly from planter to planter**



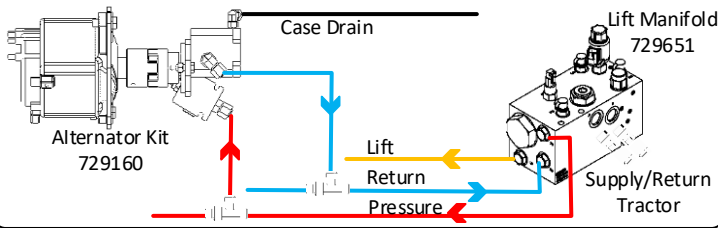


Electrical Systems Overview			
John Deere 1720 8R40 Stacker			
Item	Part NO	Description	QTY
1	729412	25' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	1
5	729142	15' CAN Ext	2
6	729442	2 Row SRM Harness	2
7	729444	4 Row SRM Harness	1
8	729147	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

- Notes:
- Item 1 & 2 are part of a kit when ordered.
 - Item 8 (CAN Terminator) is included with the Gen3 Base Kit.
 - 2' Row Harness Extensions (729255) may be necessary on some rows with Long Parallel Arms.
- The PDM mounting location may vary slightly from planter to planter**

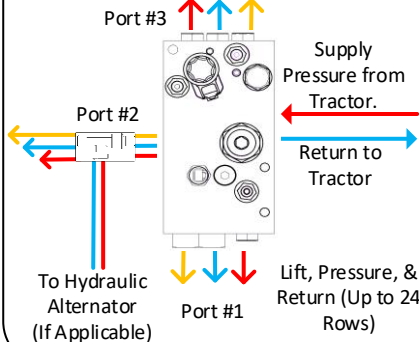


Detail: Lift Manifold to Alternator Hydraulic Routing and Connections



Detail: Lift Manifold Port Connections and Hydraulic line routing

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



Hydraulic Systems Overview

John Deere 1720 8 Row 40" Stacker

Item	Part NO	Description	QTY
1	729651	Lift Manifold	1
2	729600	Hydraulic Cylinders	8
3	729613	45" Row Spacing Inter-Row Kit	5
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 .

Diagnostic Port Kits (729619) can be substituted for End Row Plug Kits

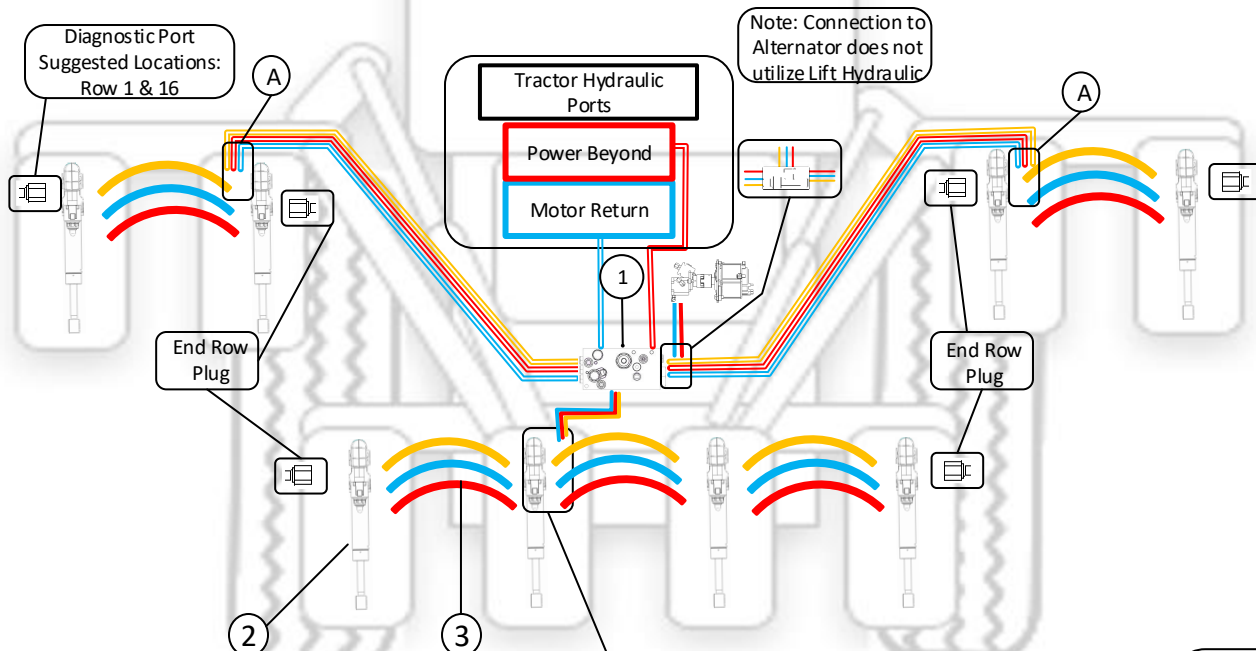
Supplied Hoses:



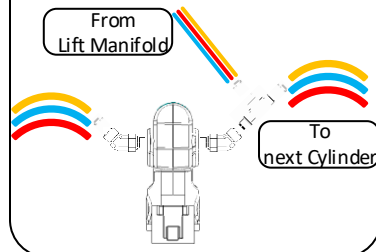
Custom Hoses:



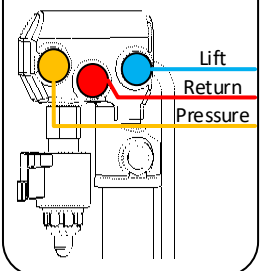
The Lift Manifold mounting location may vary slightly from planter to planter

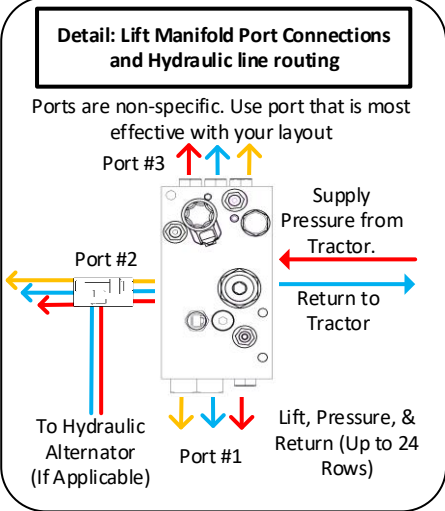
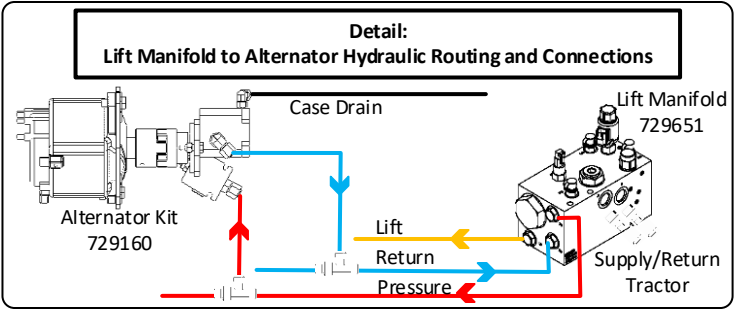


Detail A: Cylinder Connections



Detail: Cylinder Description





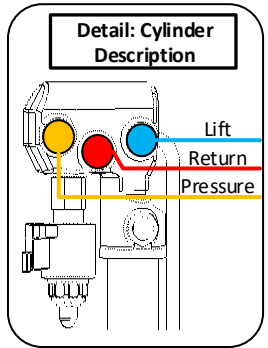
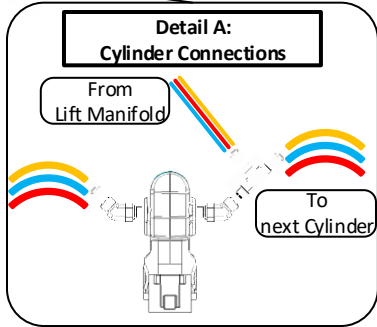
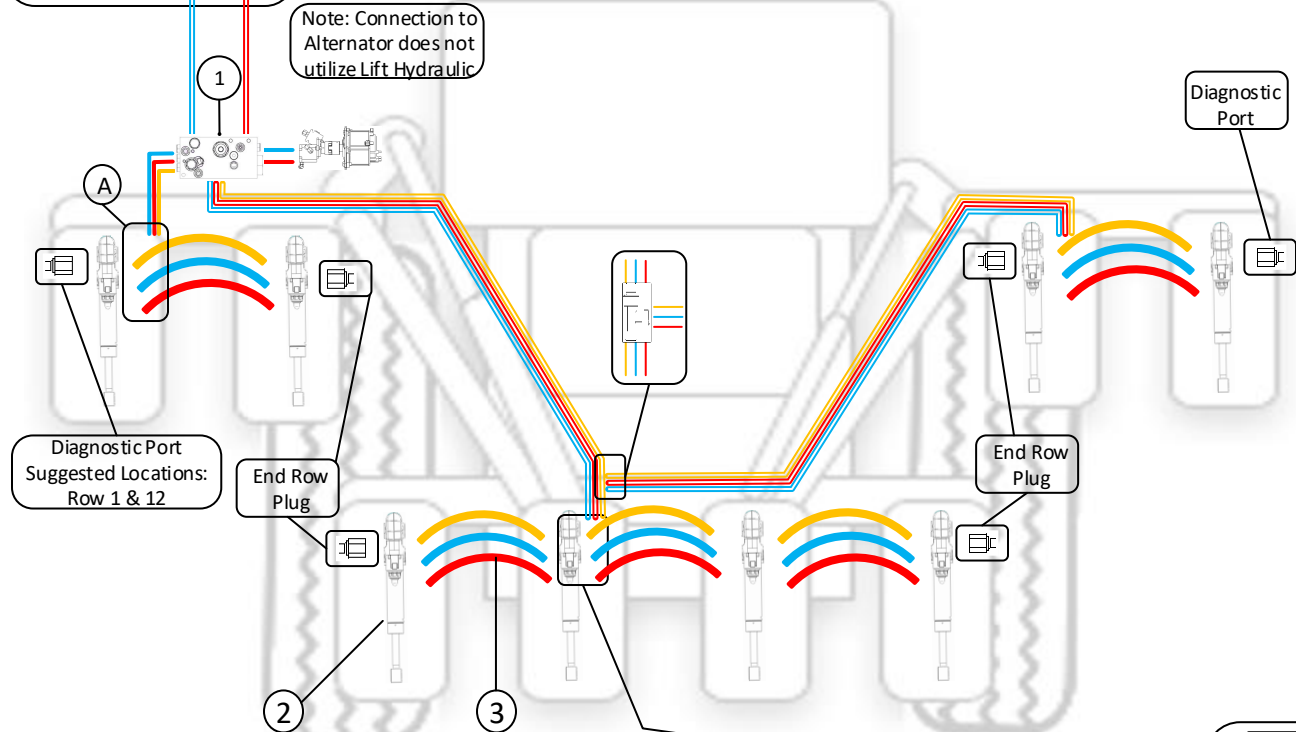
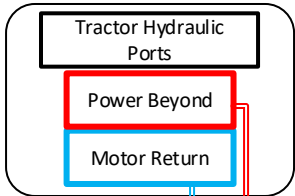
Hydraulic Systems Overview			
John Deere 1720 8 Row 40" Stacker			
Item	Part NO	Description	QTY
1	729651	Lift Manifold	1
2	729600	Hydraulic Cylinders	8
3	729613	45" Row Spacing Inter-Row Kit	5
4	729614	End Row Plug Kit	3
5	729617	3 Frame Hydraulic Fitting Kit	1
6	729160	Alternator Kit (If Applicable)	1

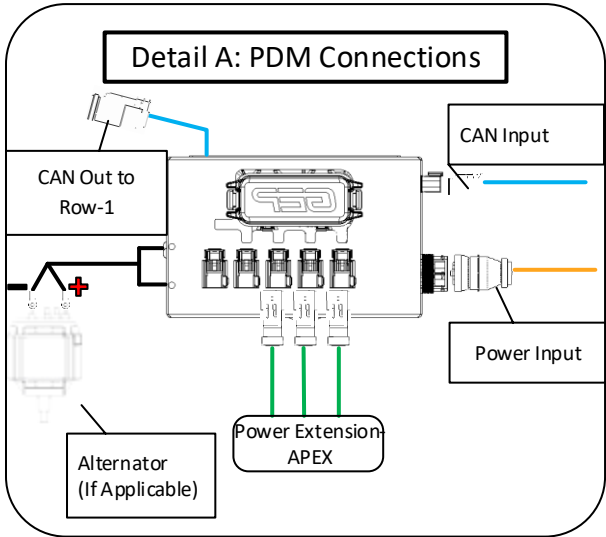
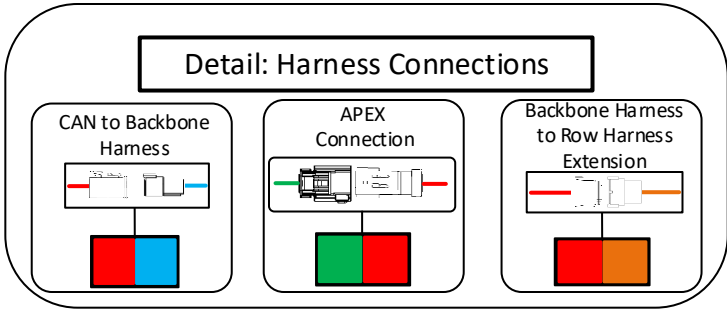
Note: Many of the hoses will vary from planter to planter. We supply hoses for Inter-Rows and from Lift Manifold to first planter section. Custom hose length is up to installation discretion.

Diagnostic Port Kits (729619) can be substituted for End Row Plug Kits

Supplied Hoses:	
Custom Hoses:	

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





Electrical Systems Overview

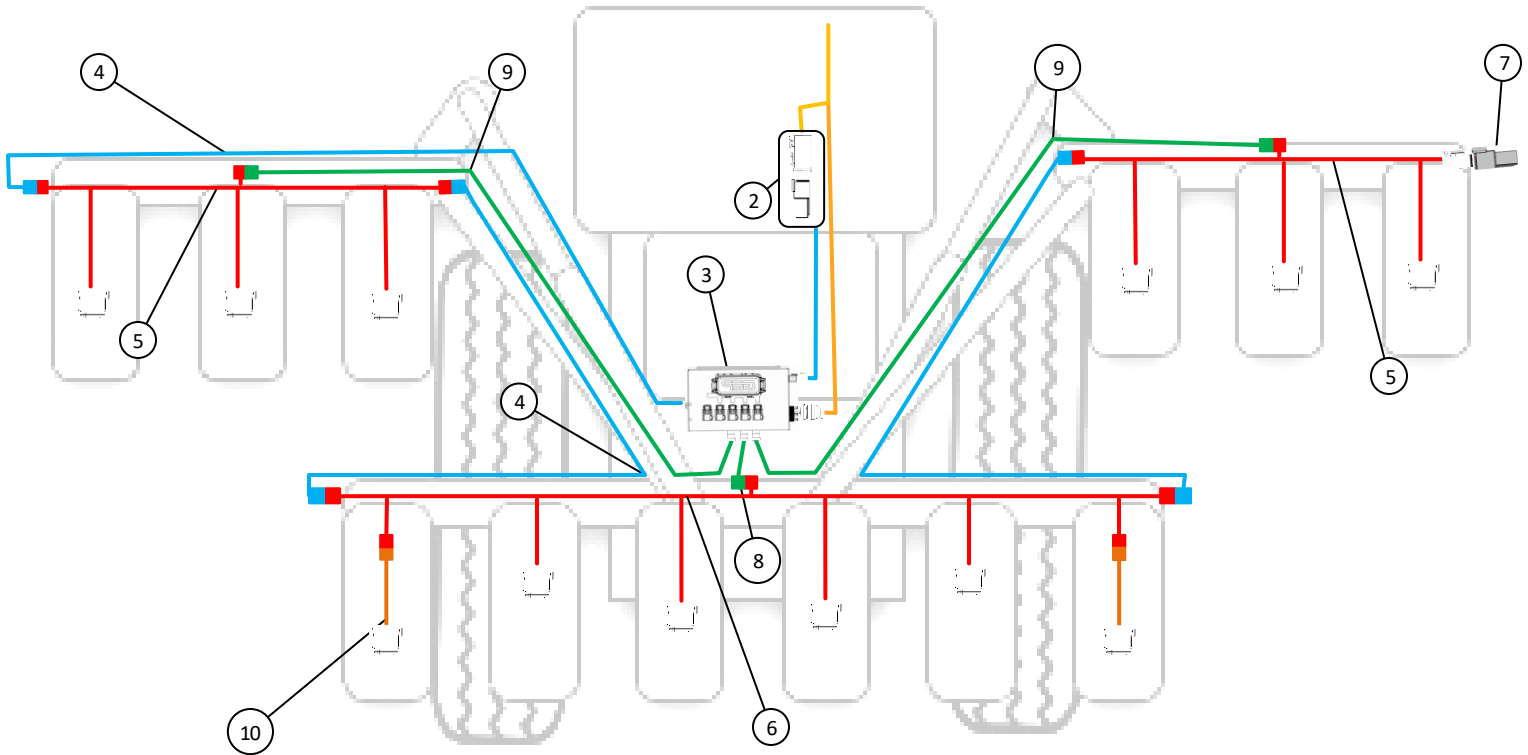
John Deere 1720 12R40 Stacker

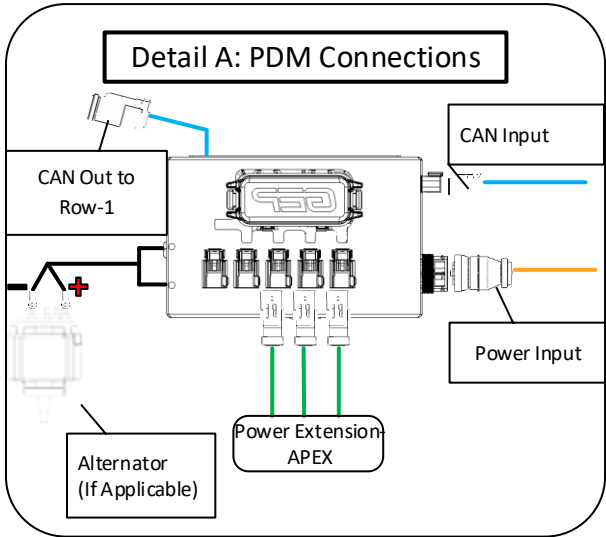
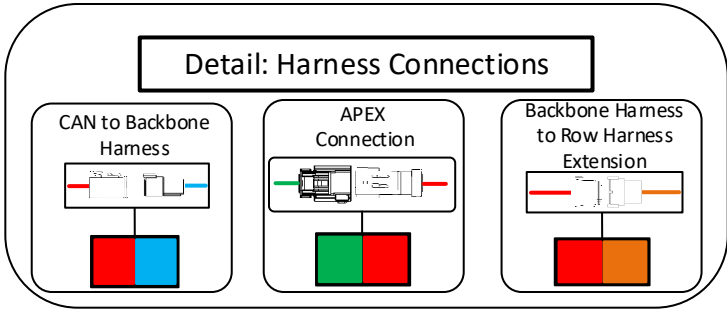
Item	Part NO	Description	QTY
1	729411	15' Tractor Power Ext	1
2	729141	10' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729143	20' CAN Ext	3
5	729443	3 Row SRM Harness	2
6	729446	6 Row SRM Harness	1
7	729147	CAN Terminator	1
8	729150	5' Backbone Power Ext-APEX	1
9	729152	25' Backbone Power Ext-APEX	2
10	729255	Row Harness Extension 2'	2

Notes:

- Item 1 & 2 are part of a kit when ordered.
- Item 7 (CAN Terminator) is included with the Gen3 Base Kit.
- Additional 2' Row Harness Extensions may be necessary with Long Parallel Arms.

The PDM mounting location may vary slightly from planter to planter





Electrical Systems Overview

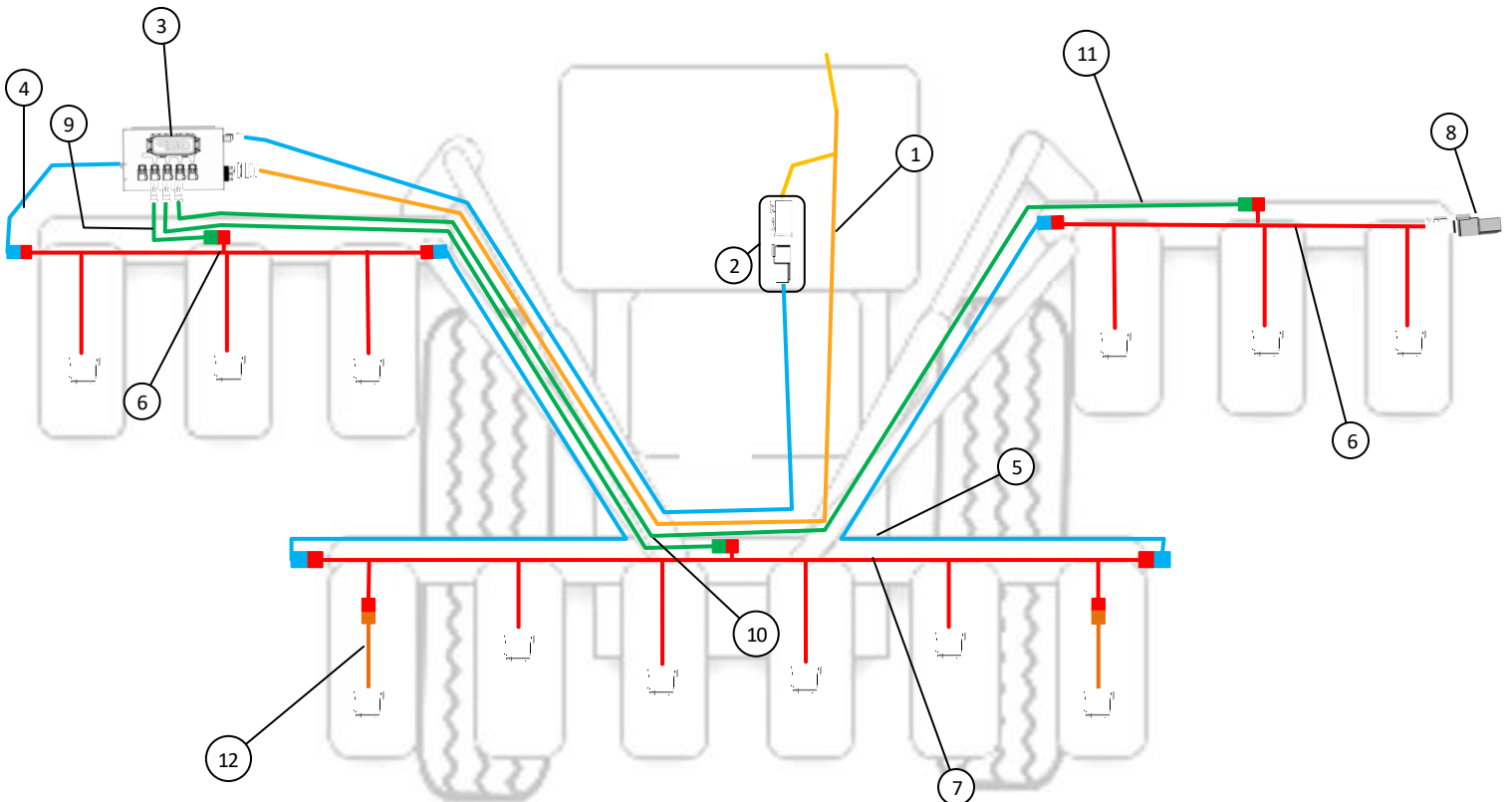
John Deere 1720 12R40 Stacker

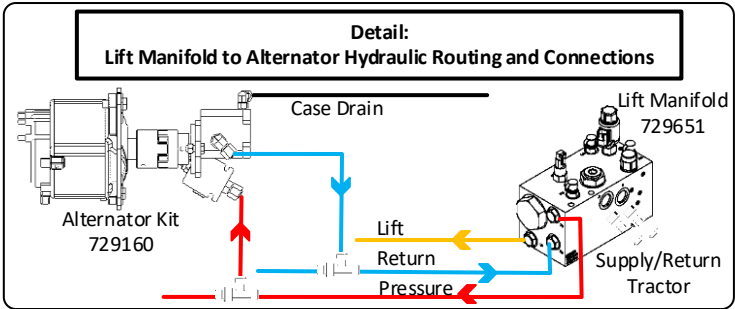
Item	Part NO	Description	QTY
1	729412	25' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	1
5	729143	20' CAN Ext	2
6	729443	3 Row SRM Harness	2
7	729446	6 Row SRM Harness	1
8	729147	CAN Terminator	1
9	729150	5' Backbone Power Ext- APEX	1
10	729152	25' Backbone Power Ext- APEX	1
11	729153	35' Backbone Power Ext- APEX	1
12	729255	Row Harness Extension 2'	2

Notes:

- Item 1 & 2 are part of a kit when ordered.
- Item 8 (CAN Terminator) is included with the Gen3 Base Kit.
- Additional 2' Row Harness Extensions may be necessary with Long Parallel Arms.

The PDM mounting location may vary slightly from planter to planter





Hydraulic Systems Overview

John Deere 1720 12 Row 40" Stacker

Item	Part NO	Description	QTY
1	729651	Lift Manifold	1
2	729600	Hydraulic Cylinders	12
3	729613	45" 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.

Diagnostic Port Kits (729619) can be substituted for End Row Plug Kits

Supplied Hoses:



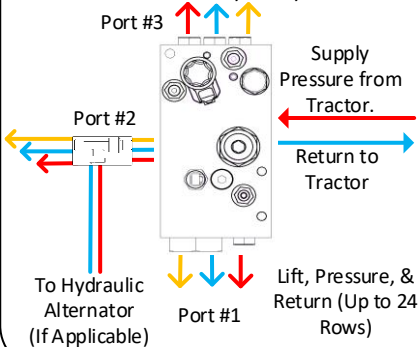
Custom Hoses:



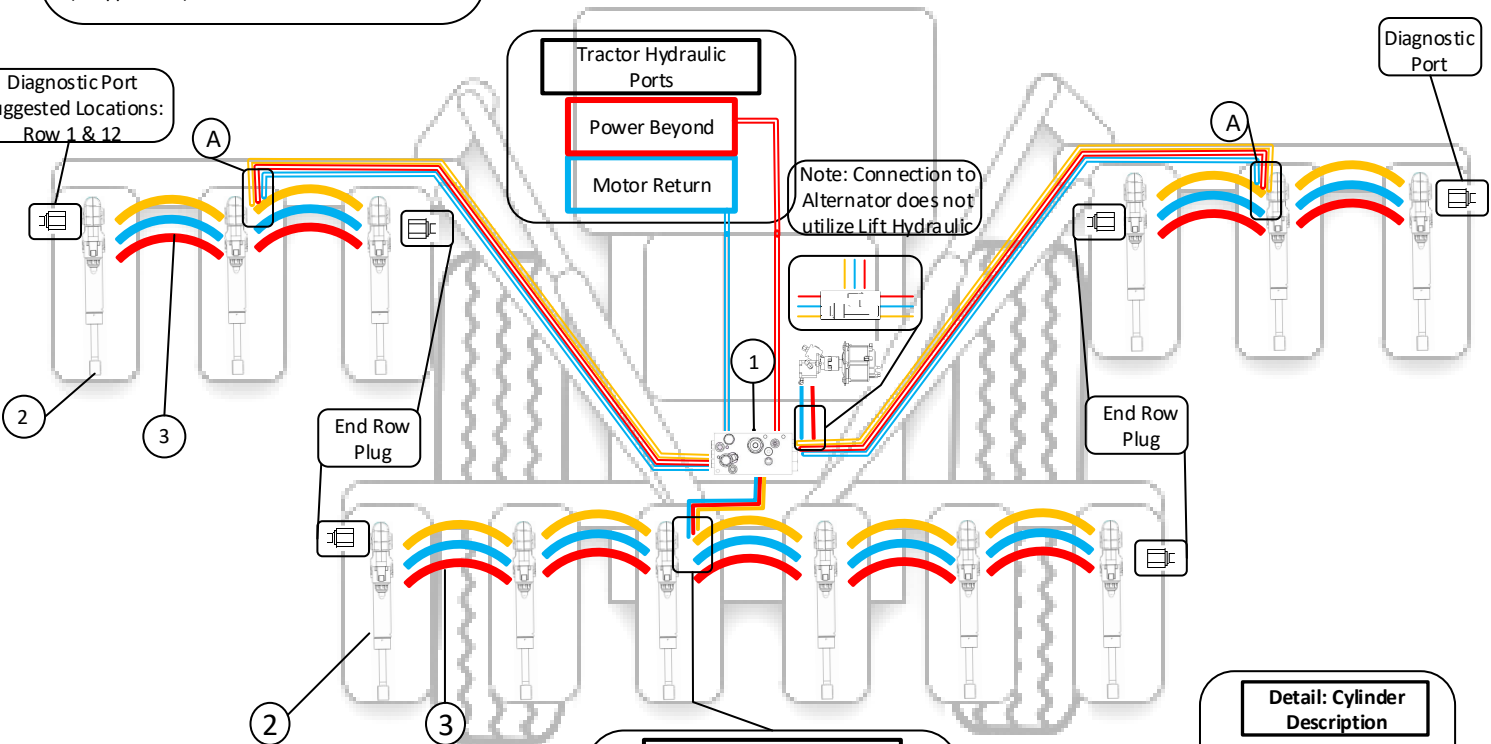
The Lift Manifold mounting location may vary slightly from planter to planter

Detail: Lift Manifold Port Connections and Hydraulic line routing

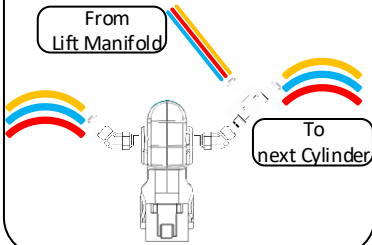
Ports are non-specific. Use port that is most effective with your layout



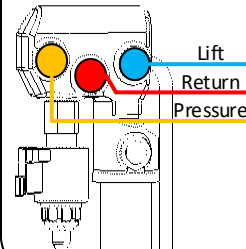
Diagnostic Port Suggested Locations: Row 1 & 12

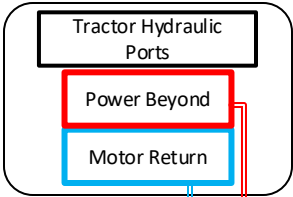
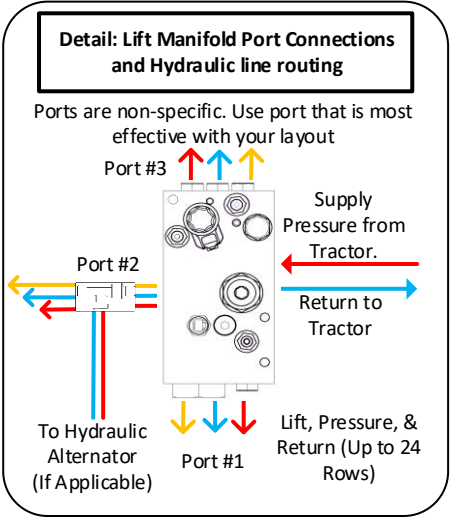
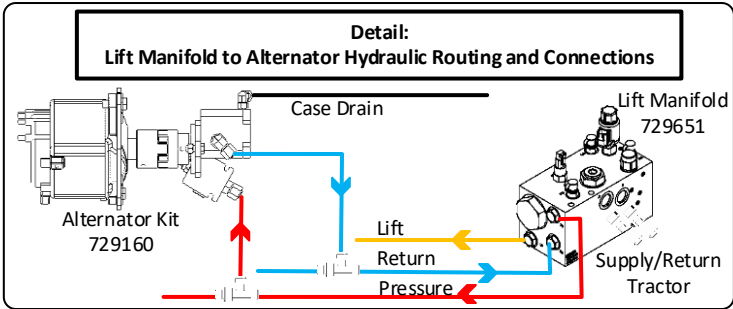


Detail A: Cylinder Connections

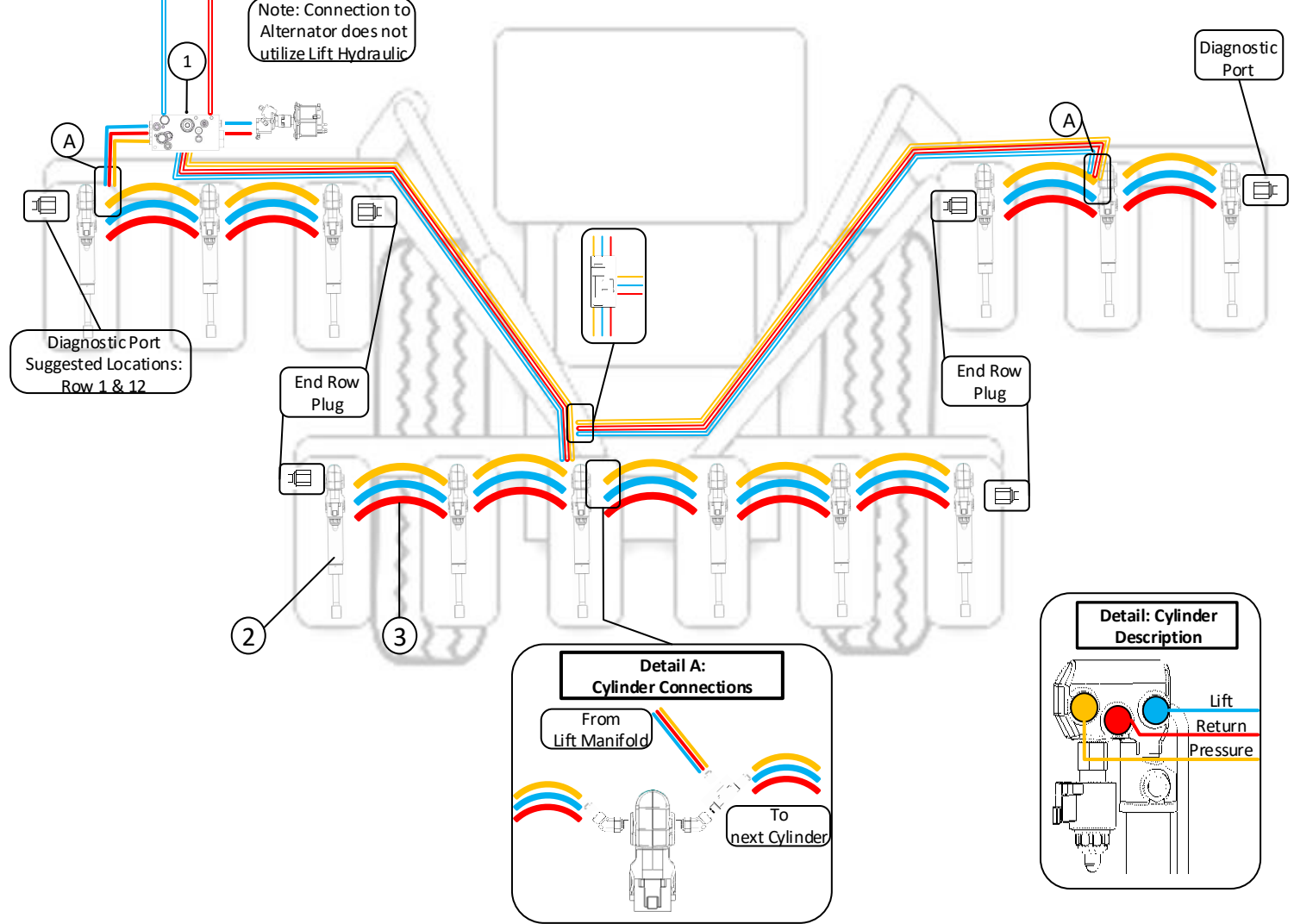


Detail: Cylinder Description





Note: Connection to Alternator does not utilize Lift Hydraulic



Hydraulic Systems Overview

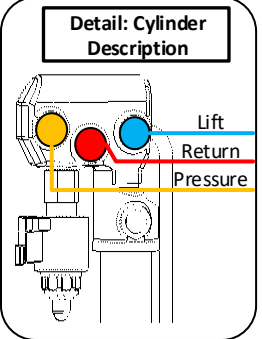
John Deere 1720 12 Row 40" Stacker			
Item	Part NO	Description	QTY
1	729651	Lift Manifold	1
2	729600	Hydraulic Cylinders	12
3	729613	45" Row Spacing Inter-Row Kit	9
4	729614	End Row Plug Kit	3
5	729617	3 Frame Hydraulic Fitting Kit	1
6	729160	Alternator Kit (If Applicable)	1

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 .

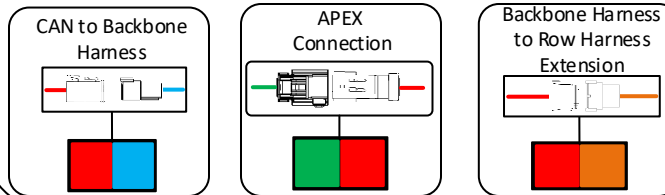
Diagnostic Port Kits (729619) can be substituted for End Row Plug Kits

Supplied Hoses:	
Custom Hoses:	

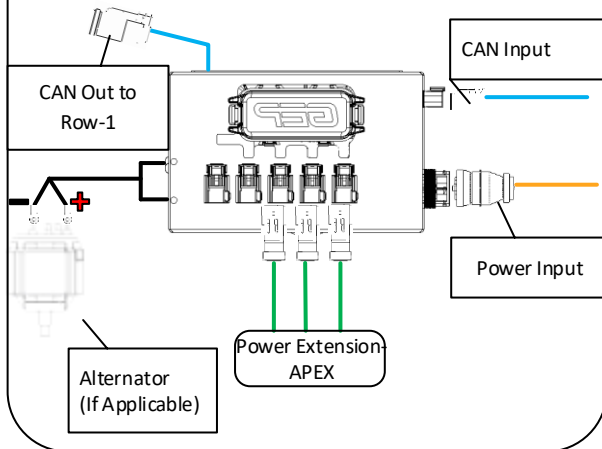
The Lift Manifold mounting location may vary slightly from planter to planter



Detail: Harness Connections



Detail A: PDM Connections



Electrical Systems Overview

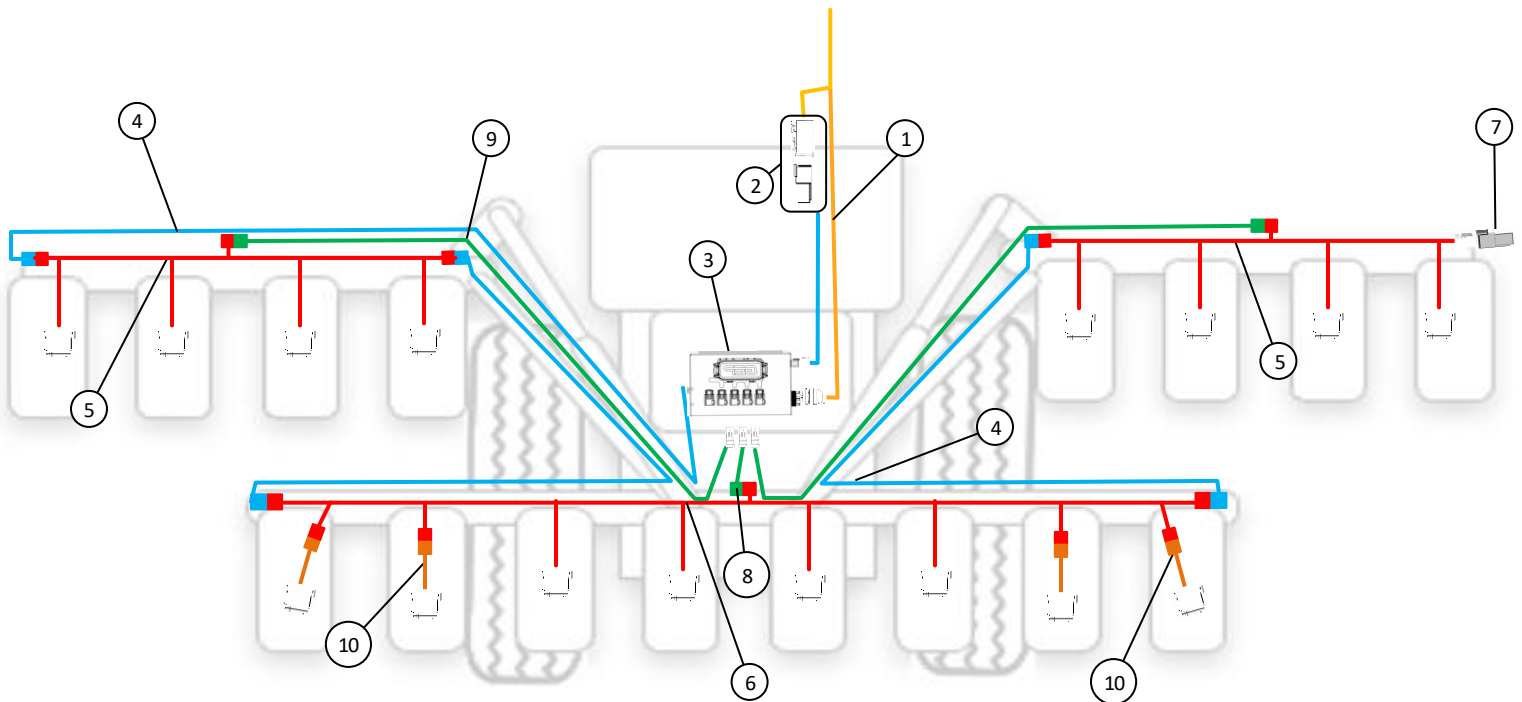
John Deere 1720 16R40 Stacker

Item	Part NO	Description	QTY
1	729411	15' Tractor Power Ext	1
2	729141	10' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729144	30' CAN Ext	3
5	729444	4 Row SRM Harness	2
6	729448	8 Row SRM Harness	1
7	729147	CAN Terminator	1
8	729150	5' Backbone Power Ext- APEX	1
9	729152	25' Backbone Power Ext- APEX	2
10	729255	Row Harness Extension 2'	4

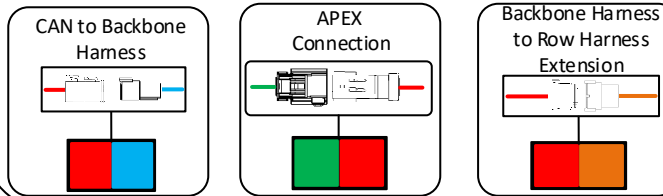
Notes:

- Item 1 & 2 are part of a kit when ordered.
- Item 7 (CAN Terminator) is included with the Gen3 Base Kit.
- Additional 2' Row Harness Extensions may be necessary with Long Parallel Arms.

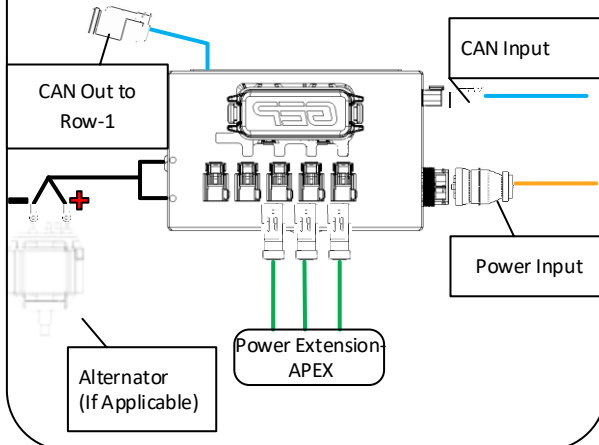
The PDM mounting location may vary slightly from planter to planter



Detail: Harness Connections



Detail A: PDM Connections



Electrical Systems Overview

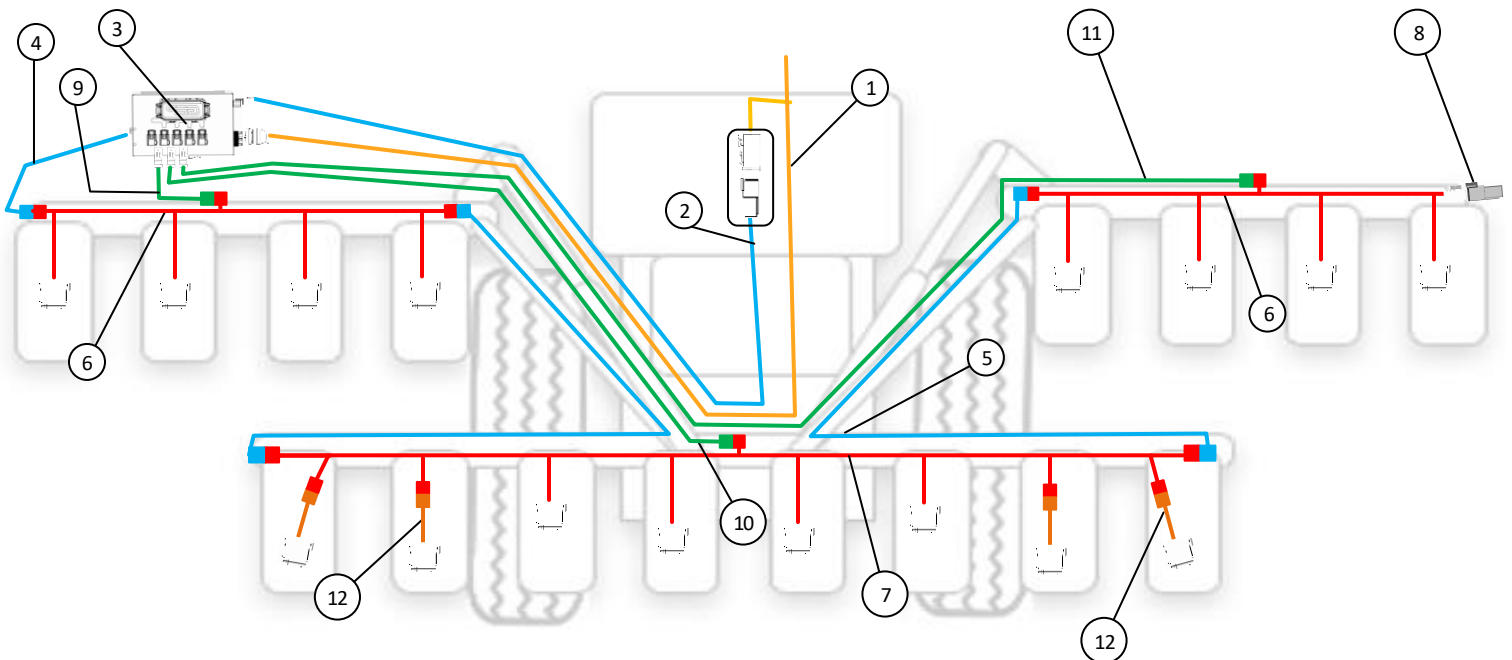
John Deere 1720 16R40 Stacker

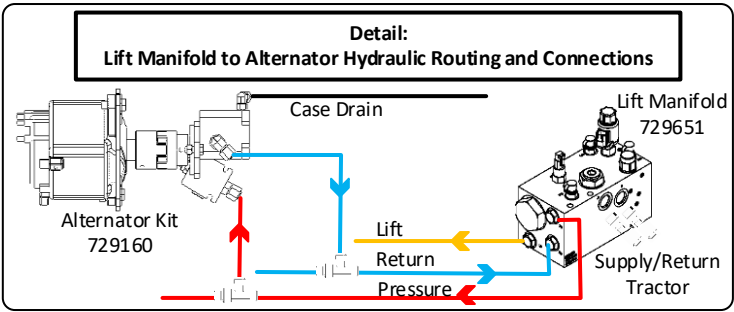
Item	Part NO	Description	QTY
1	729413	35' Tractor Power Ext	1
2	729143	20' CAN Ext	1
3	729180	Power Distribution Module (PDM)	1
4	729140	5' CAN Ext	1
5	729144	30' CAN Ext	2
6	729444	4 Row SRM Harness	2
7	729448	8 Row SRM Harness	1
8	729147	CAN Terminator	1
9	729150	5' Backbone Power Ext- APEX	1
10	729152	25' Backbone Power Ext- APEX	1
11	729154	50' Backbone Power Ext- APEX	1
12	729255	Row Harness Extension 2'	4

Notes:

- Item 1 & 2 are part of a kit when ordered.
- Item 8 (CAN Terminator) is included with the Gen3 Base Kit.
- Additional 2' Row Harness Extensions may be necessary with Long Parallel Arms.

The PDM mounting location may vary slightly from planter to planter





Hydraulic Systems Overview

John Deere 1720 16 Row 40" Stacker

Item	Part NO	Description	QTY
1	729651	Lift Manifold	1
2	729600	Hydraulic Cylinders	16
3	729613	45" Row Spacing Inter-Row Kit	13
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.

Diagnostic Port Kits (729619) can be substituted for End Row Plug Kits

Supplied Hoses:



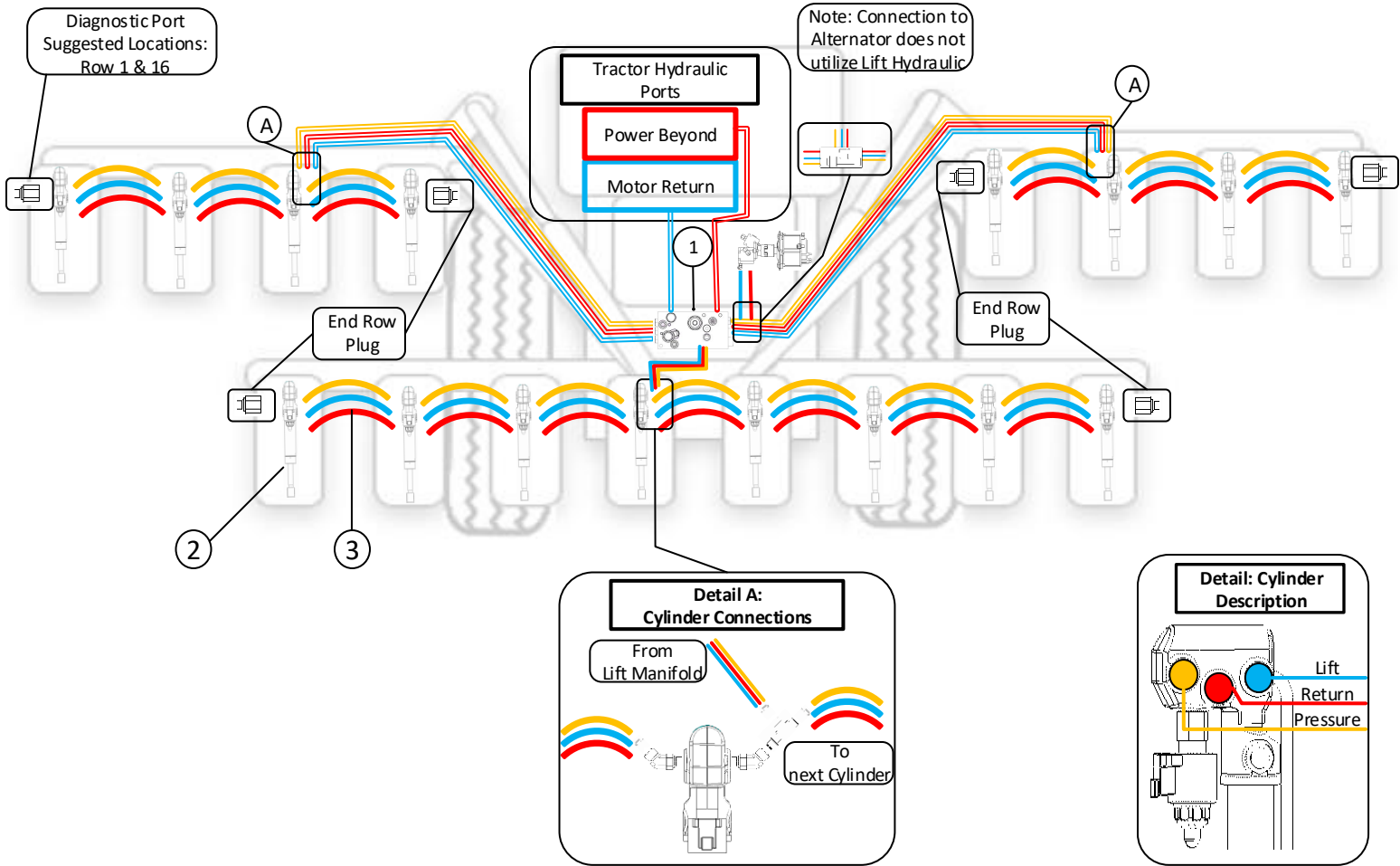
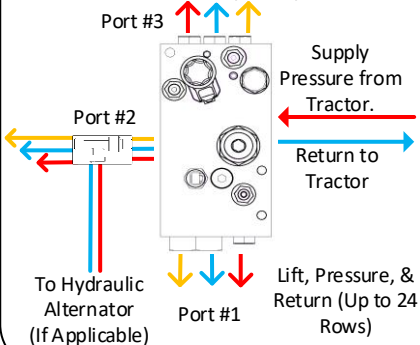
Custom Hoses:

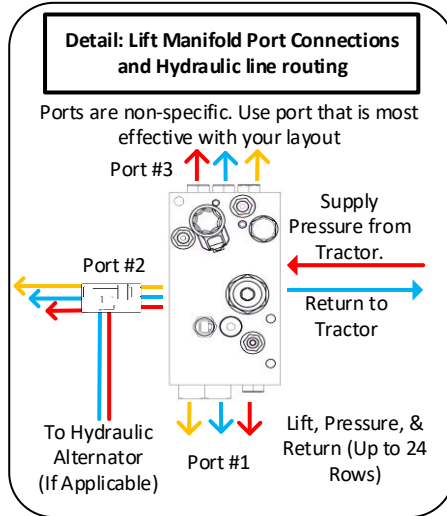
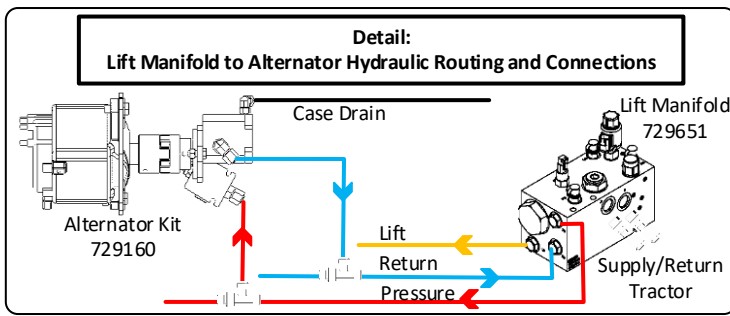


The Lift Manifold mounting location may vary slightly from planter to planter

Detail: Lift Manifold Port Connections and Hydraulic line routing

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





Hydraulic Systems Overview

John Deere 1720 16 Row 40" Stacker

Item	Part NO	Description	QTY
1	729651	Lift Manifold	1
2	729600	Hydraulic Cylinders	16
3	729613	45" Row Spacing Inter-Row Kit	13
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.

Diagnostic Port Kits (729619) can be substituted for End Row Plug Kits

Supplied Hoses:



Custom Hoses:



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

