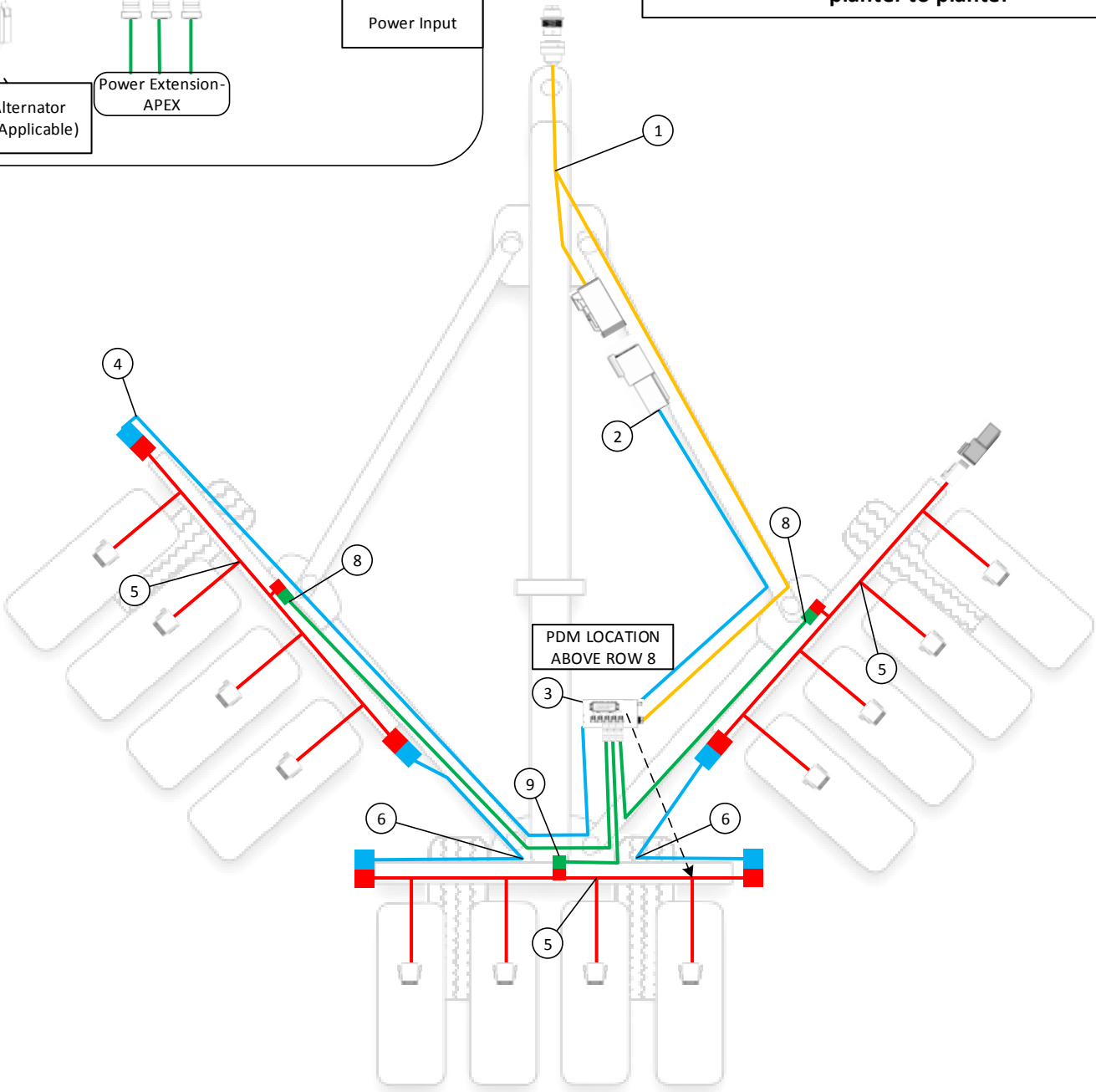
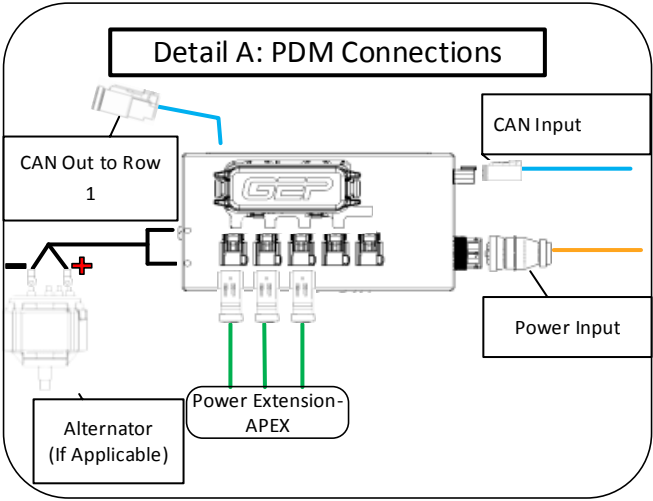


| Electrical Systems Overview |         |                                 |     |
|-----------------------------|---------|---------------------------------|-----|
| Case 1255- 12R30            |         |                                 |     |
| Item                        | Part NO | Description                     | QTY |
| 1                           | 729403  | 35' Tractor Power Ext           | 1   |
| 2                           | 729144  | 30' CAN Ext                     | 1   |
| 3                           | 729180  | Power Distribution Module (PDM) | 1   |
| 4                           | 729142  | 20' CAN Ext                     | 1   |
| 5                           | 729424  | 4 Row SRM Harness               | 3   |
| 6                           | 729140  | 5' CAN Ext                      | 2   |
| 7                           | 729147  | CAN Terminator                  | 1   |
| 8                           | 729151  | 15' Backbone Power Ext- APEX    | 1   |
| 9                           | 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



## Hydraulic Systems Overview

### Case 1255- 12R30

| Item | Part NO | Description                    | QTY |
|------|---------|--------------------------------|-----|
| 1    | 729651  | Lift Manifold Kit              | 1   |
| 2    | 729600  | Hydraulic Cylinders            | 12  |
| 3    | 729610  | 30" Row Spacing Inter-Row Kit  | 7   |
| 4    | 729612  | 36-38" 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:

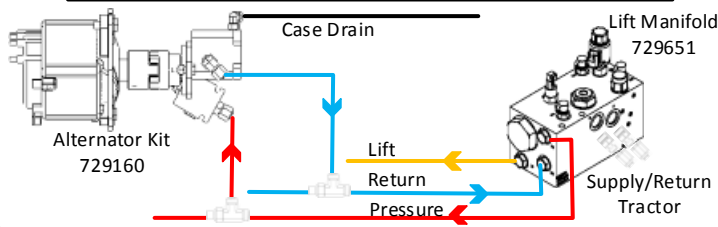


Custom Hoses:



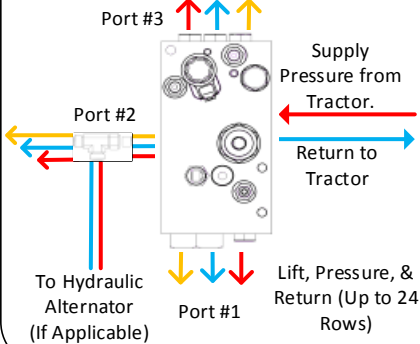
**The Lift Manifold mounting location may vary slightly from planter to planter**

#### 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

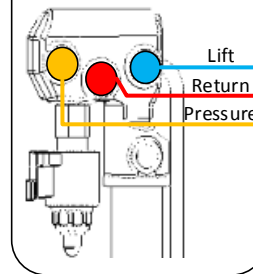


#### Tractor Hydraulic Ports

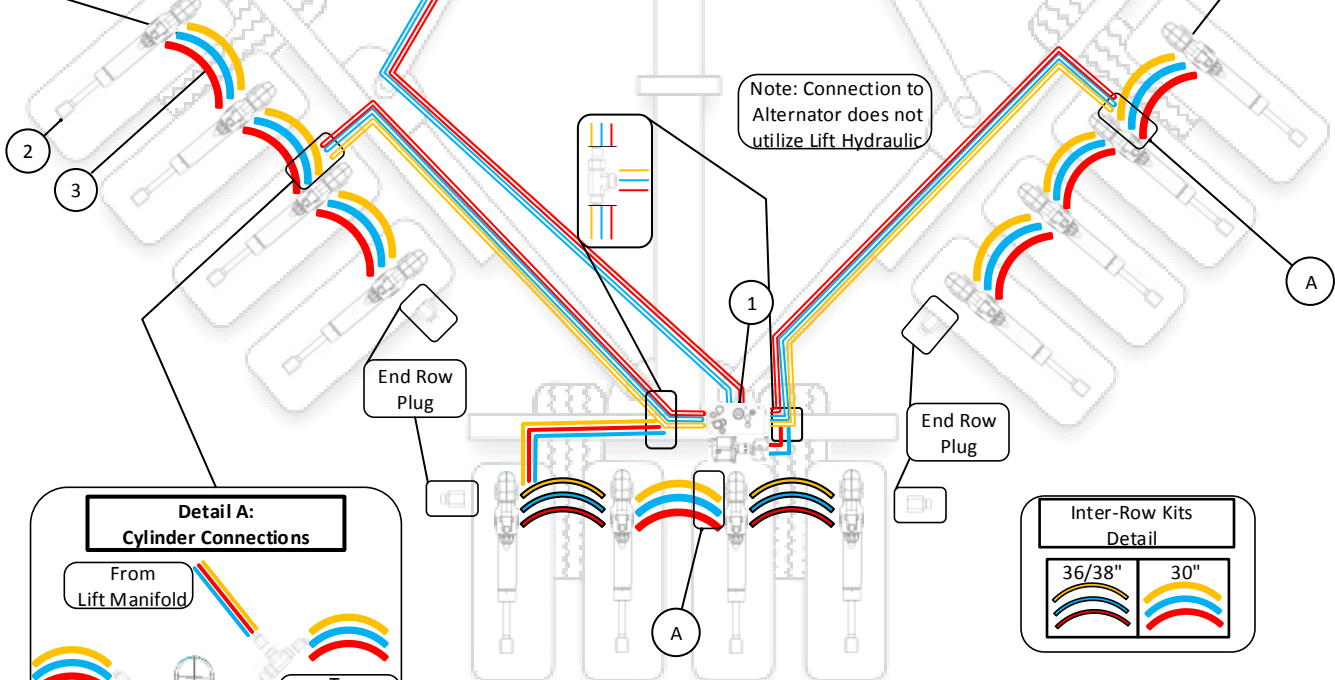
Power Beyond

Motor Return

#### Detail: Cylinder Description



Diagnostic Port  
Suggested Locations:  
Row 1 & 12



#### Detail A: Cylinder Connections

From Lift Manifold

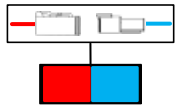
To next Cylinder

#### Inter-Row Kits Detail

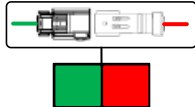


## Detail: Harness Connections

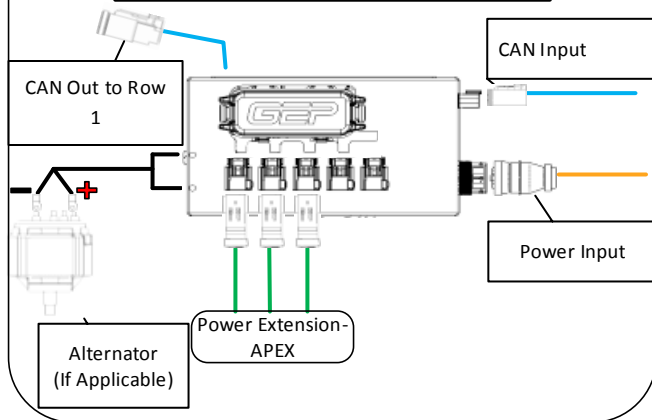
CAN to Backbone Harness



APEX Connection



## Detail A: PDM Connections



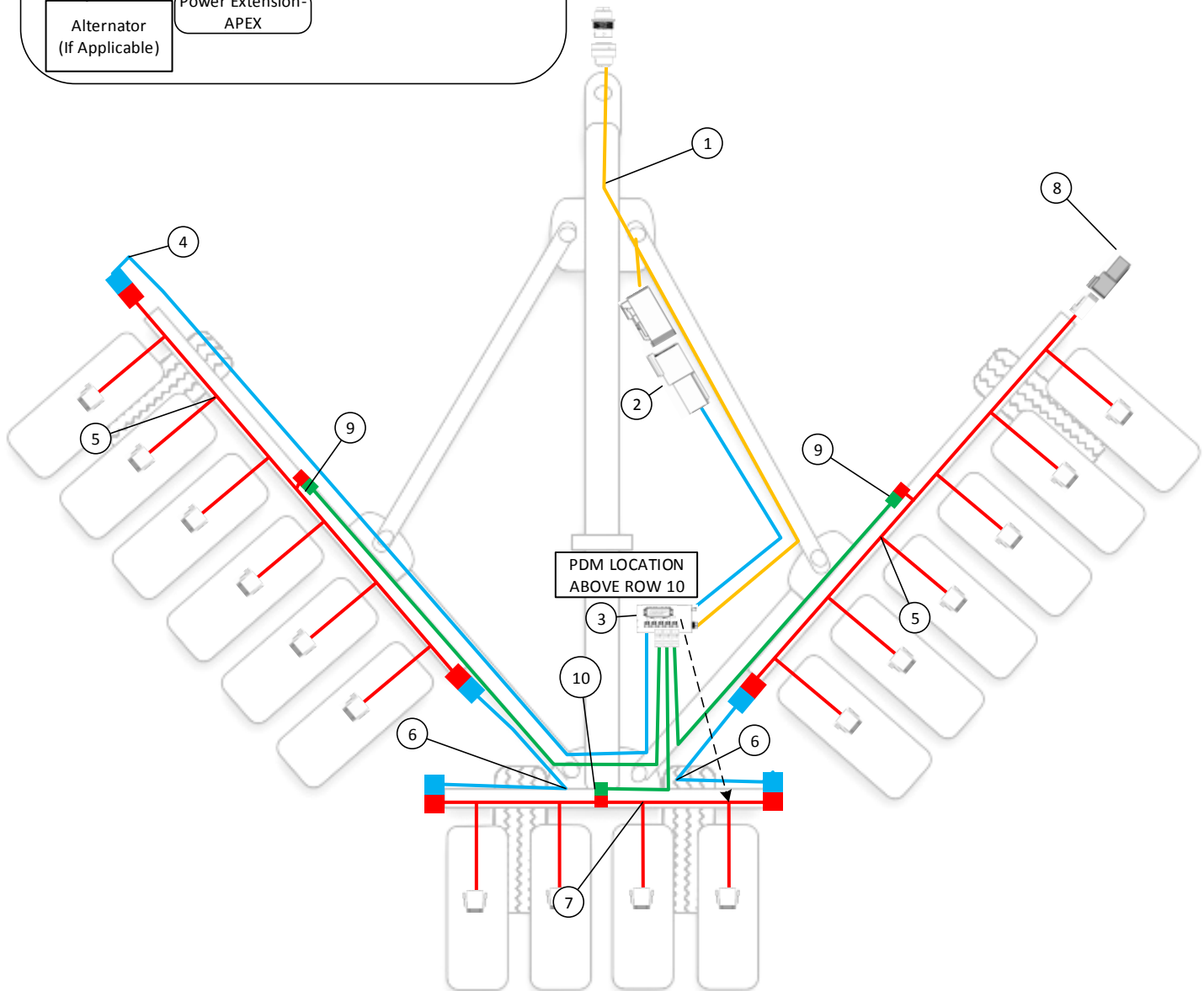
## Electrical Systems Overview

### Case 1255- 16R30

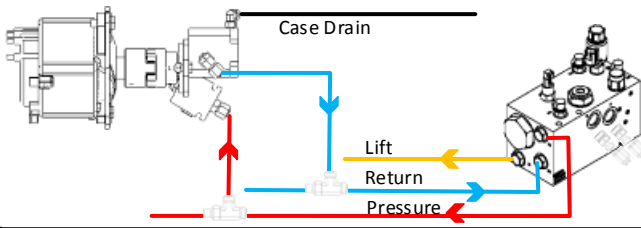
| Item | Part NO | Description                     | QTY |
|------|---------|---------------------------------|-----|
| 1    | 729403  | 35' Tractor Power Ext           | 1   |
| 2    | 729144  | 30' CAN Ext                     | 1   |
| 3    | 729180  | Power Distribution Module (PDM) | 1   |
| 4    | 729142  | 20' CAN Ext                     | 1   |
| 5    | 729426  | 6 Row SRM Harness               | 2   |
| 6    | 729140  | 5' CAN Ext                      | 2   |
| 7    | 729424  | 4 Row SRM Harness               | 1   |
| 8    | 729147  | CAN Terminator                  | 1   |
| 9    | 729151  | 15' Backbone Power Ext- APEX    | 2   |
| 10   | 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

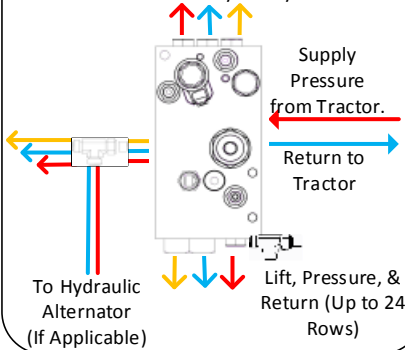


### Detail: Lift Manifold to Alternator Hydraulic Routing and Connections



### Detail: Lift Manifold Port Connections and Hydraulic line routing

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

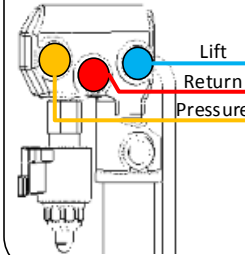


### Tractor Hydraulic Ports

Power Beyond

Motor Return

### Detail: Cylinder Description

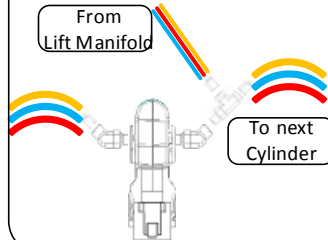


Diagnostic Port  
Suggested Locations:  
Row 1 & 16

Diagnostic Port

Note: Connection to Alternator does not utilize Lift Hydraulic

### Detail A: Cylinder Connections



End Row Plug

End Row Plug

36-38" Inter-Row Kit

### Inter-Row Kits Detail



## Hydraulic Systems Overview

### Case 1255 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  | 11  |
| 4    | 729612  | 36-38" 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:

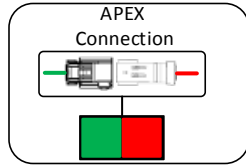
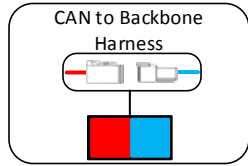


Custom Hoses:

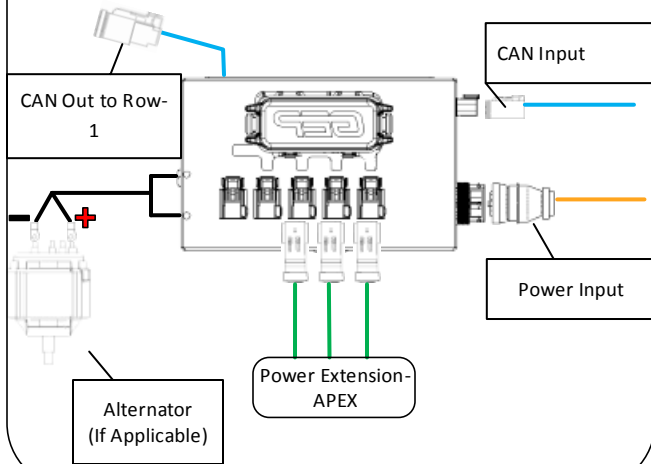


The Lift Manifold mounting location may vary slightly from planter to planter

### Detail: Harness Connections



### Detail A: PDM Connections



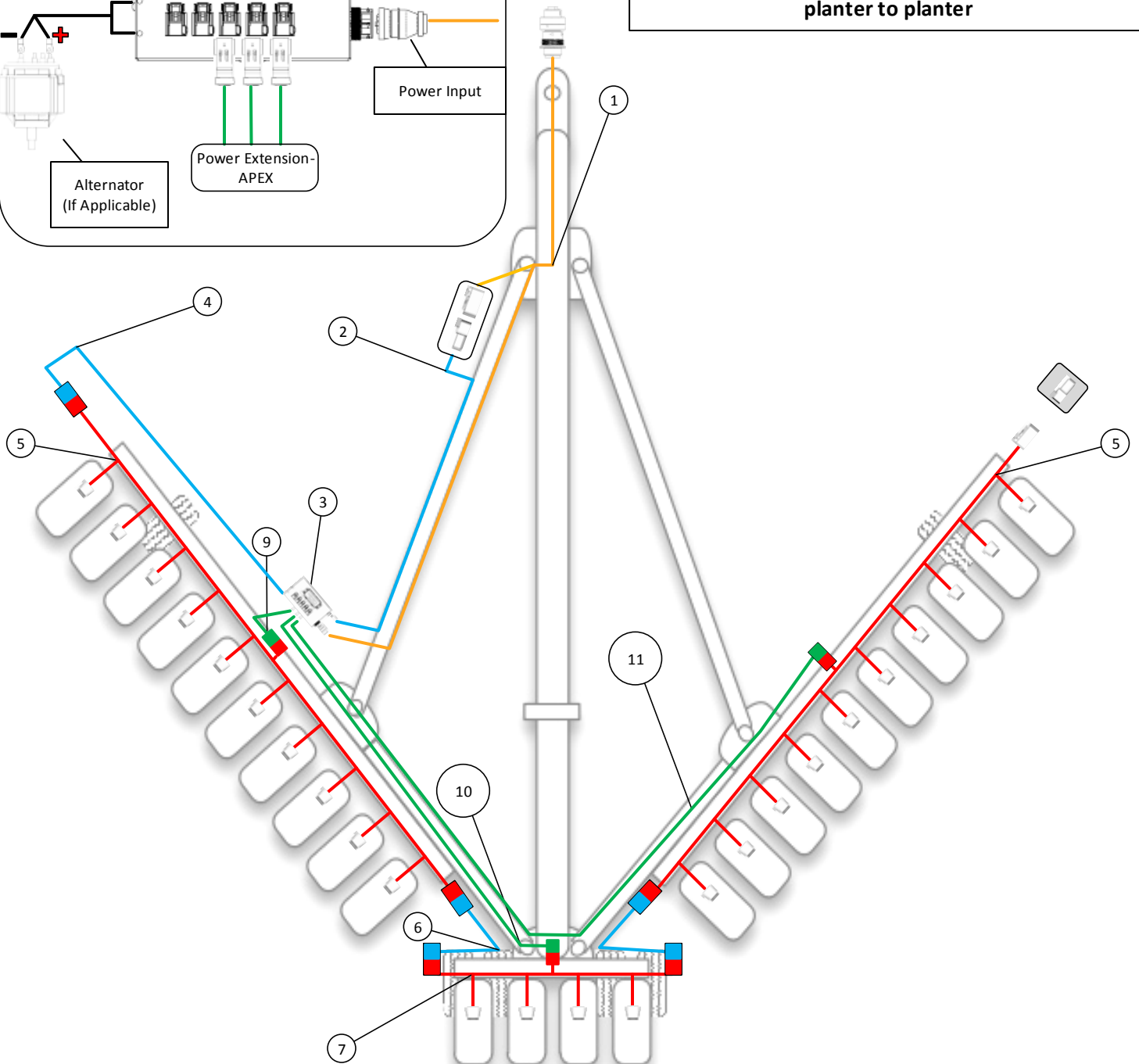
### Electrical Systems Overview

#### Case 1255- 24R30

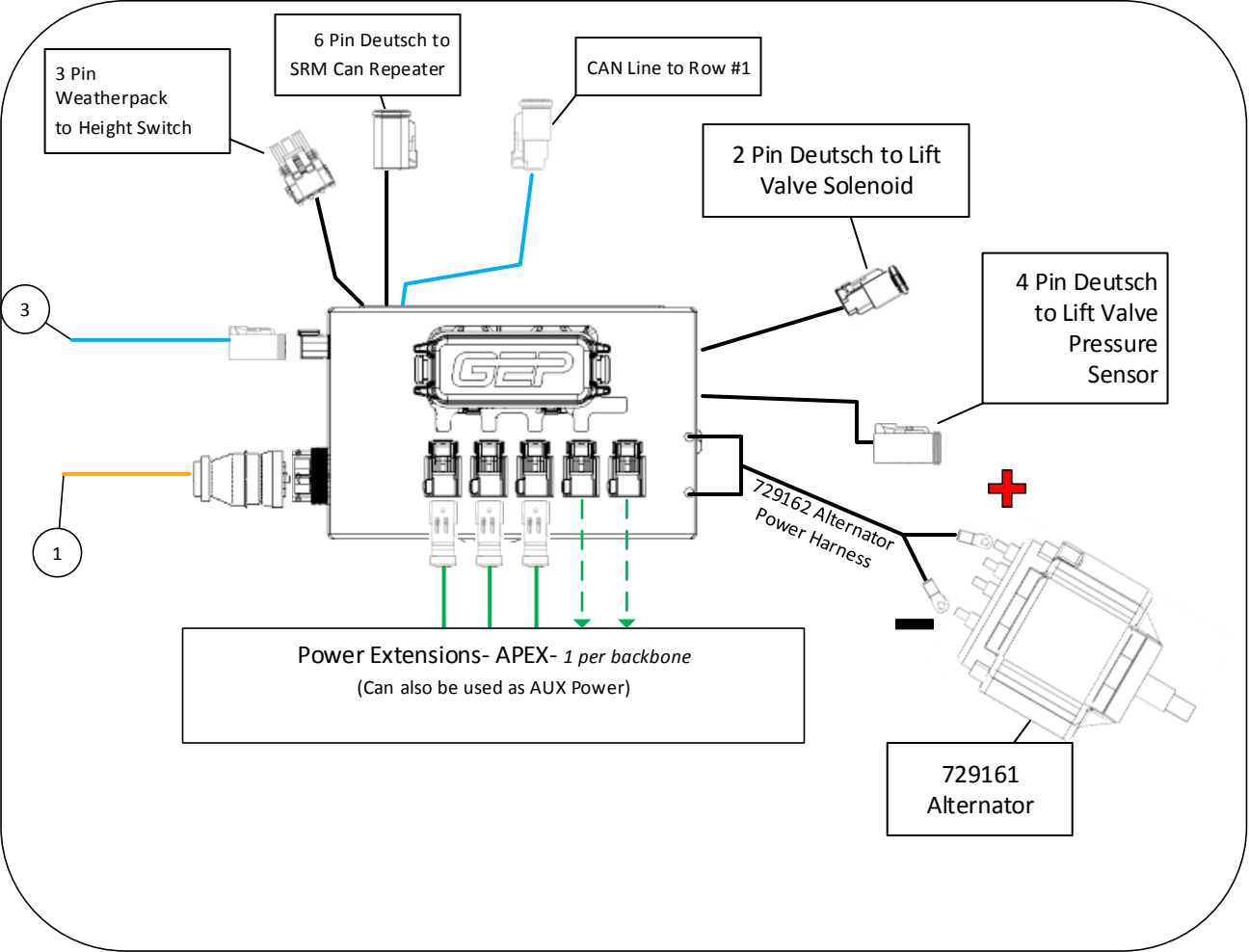
| Item | Part NO | Description                     | QTY |
|------|---------|---------------------------------|-----|
| 1    | 729403  | 35' Tractor Power Ext           | 1   |
| 2    | 729144  | 30' CAN Ext                     | 1   |
| 3    | 729180  | Power Distribution Module (PDM) | 1   |
| 4    | 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   |

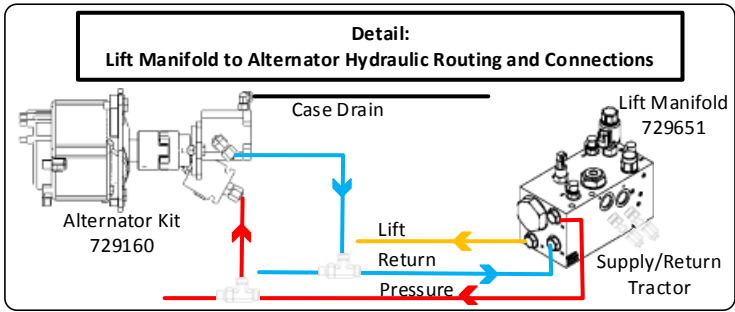
Note: Item 1&2 are part of a kit when ordered

The PDM mounting location may vary slightly from planter to planter



Callout A: Power Distribution Module (PDM)





| Hydraulic Systems Overview                                                    |         |                                                                                                                                                                                          |     |
|-------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Case 1255 24 Row 30"                                                          |         |                                                                                                                                                                                          |     |
| Item                                                                          | Part NO | Description                                                                                                                                                                              | QTY |
| 1                                                                             | 729651  | Lift Manifold Kit                                                                                                                                                                        | 1   |
| 2                                                                             | 729600  | Hydraulic Cylinders                                                                                                                                                                      | 24  |
| 3                                                                             | 729610  | 30" RowSpacing Inter-Row Kit                                                                                                                                                             | 19  |
| 4                                                                             | 729613  | 45" Inter-Row Kit                                                                                                                                                                        | 2   |
| 4                                                                             | 729614  | End Row Plug Kit                                                                                                                                                                         | 3   |
| 5                                                                             | 729617  | 3 Frame Hydrualic Fitting Kit                                                                                                                                                            | 1   |
| 6                                                                             | 729160  | Alternator Kit (If Applicable)                                                                                                                                                           | 1   |
| <b>Note:</b>                                                                  |         | 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 |         |                                                                                                                                                                                          |     |

