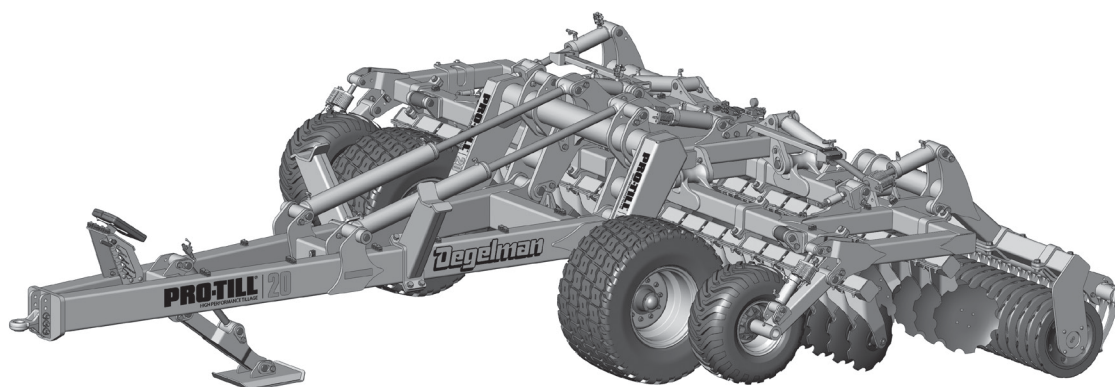
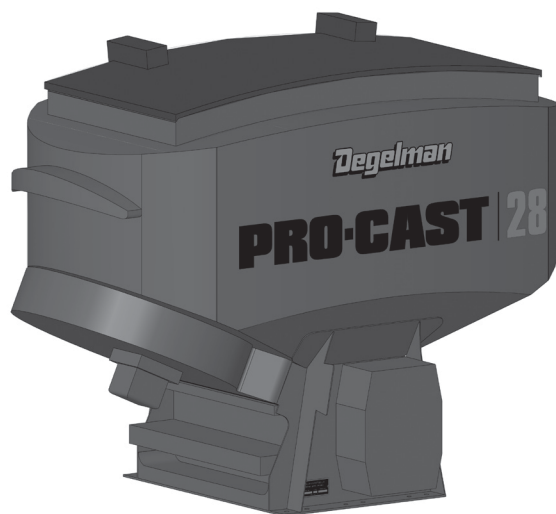


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# **PRO-CAST | 28**



**PRO-TILL® | 20 | 26**  
HIGH PERFORMANCE TILLAGE

**143091 v1.0**

**DEGELMAN INDUSTRIES LP**  
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**PRO-CAST 28**  
PRO-TILL 20/26 DISTRIBUTION KIT



# **PRO-CAST | 28**

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# Overview of Mounting Pro-Cast Applicator

## Mounting Steps

The following is an overview and suggested guide for mounting a Pro-Cast 28 Applicator to a Pro-Till 20/26.

*(Refer to the overview and part pages for general installation locations and component breakdowns.)*

### Pro-Cast to Frame Mounting:

1. Clean and prepare your Pro-Till, as desired, for mounting the Pro-Cast applicator & kit components.
2. Pre-assemble the leg assemblies onto the Pro-Cast 28 Applicator with hardware provided.
3. Install the leg-to-frame brackets onto the Pro-Till frame loosely in place without fully tightening hardware.
4. Securely lift and position Pro-Cast Applicator/Leg Assembly above frame mounts, adjust frame mount positions as needed, lower in place and secure all hardware.

### Hydraulic Hoses and Cable Routing:

5. Hydraulic hoses and Electrical Cable will come installed. Secure hydraulic hoses and cable to the hitch frame with zip-ties. Follow existing hydraulic hose routing.

### Cylinder Hose Support Bracket:

6. Position the bracket about 12" from the rod end on the cylinder barrel. Secure in place with provided U-Bolts and hardware.

### Center Frame Hose Routing Bracket:

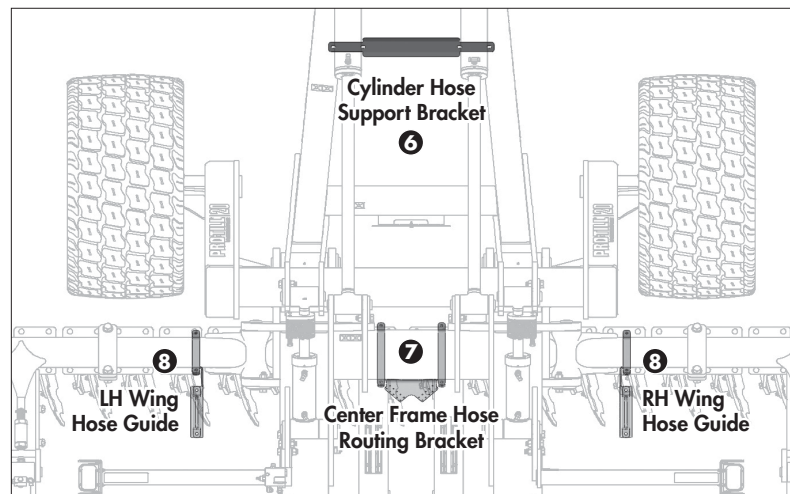
7. Install the Center Frame Hose Slider Bracket centered onto the front beam of the center frame.

### Wing Hose Guide Brackets (LH & RH):

8. Install the Wing Hose Guide Brackets on the LH & RH wing frames in position as near to the center as welds allow *(shown in reference image below)*.

### Deflector Mounting Brackets:

9. Pre-assemble and install the deflector bracket assemblies by attaching the correct clamp style (A or B) onto the correct deflector bracket bolt locations. The location overview pages show the positioning information for assembling these brackets and where they are to be installed on the Pro-Till. These brackets vary and are configured differently for the Pro-Till 20 and Pro-Till 26 models. Please pay attention to the configurations.



# Overview of Mounting Pro-Cast Applicator

## Distribution Hose Installation / Routing

The hose positions are numbered 1 thru 16 from left to right across the back of the machine. (Refer to Location Overview Pages for hose lengths.)

Secure the hoses in place, 1-16, across the back of the **Pro-Cast 28**.

Back of Pro-Cast 28  
①②③④⑤⑥⑦⑧⑨⑩⑪⑫⑬⑭⑮⑯

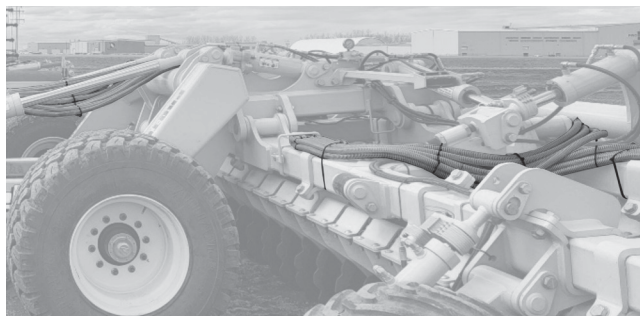
Route the hoses towards the back over the **Cylinder Support Bracket**.

The hoses continue to the the **Center Routing Bracket** and are attached with zip-ties. The hoses transition into two double stacks as shown:

⑤⑥⑦⑧    ⑨⑩⑪⑫  
①②③④    ⑬⑭⑮⑯



From here the hoses route down, under the center frame following a smooth, gradual curve into the **Wing Guide Brackets**.



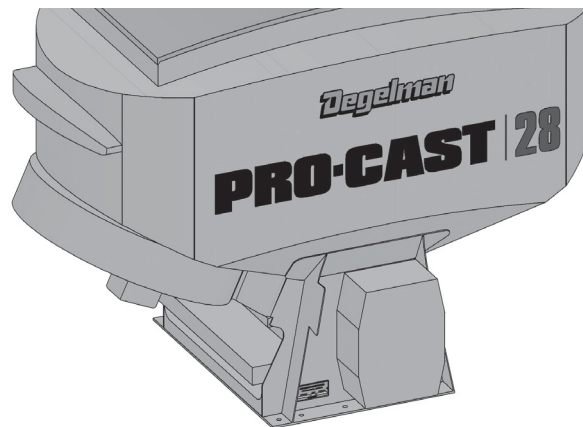
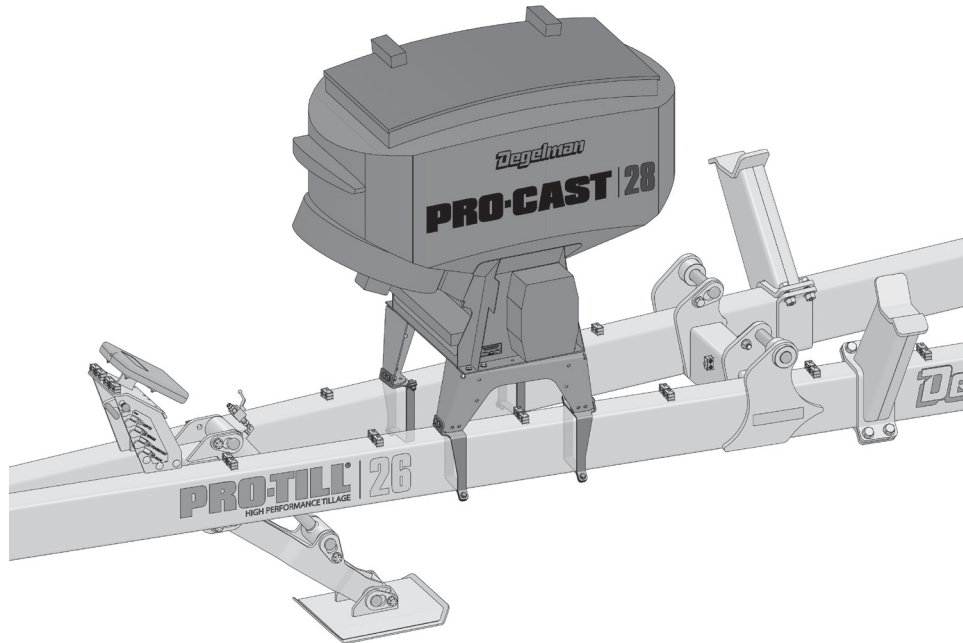
The hoses continue to the Wing Frame cross beam and then follow it to the rear of the machine.

Route the hoses from this point to their specific numbered deflector bracket locations. The hoses should be 1-16 across the back, left to right.

**NOTE:** Before trimming the hoses to length, fold the machine to ensure no changes are required. Use caution and observe pinch points while folding. Inspect hose connections, routings and appearances. Once satisfied, trim hoses as required.

When hoses are all properly positioned, cut to length and secure to the deflector brackets.

# Pro-Cast Leg Component & Mounting Location



## Leg Assembly Components

289115 - Leg Assembly, RH (1)

289110 - Leg Assembly, LH (1)

118279 - Bolt, 1/2 x 1-1/2 GR8 (8)

118587 - Flat Washer, 1/2 F436 (16)

118729 - Lock Nut, 1/2 - Unitorque (8)

## Leg/Frame Mounting Components

118729 - Lock Nut, 1/2 - Unitorque (8)

118279 - Bolt, 1/2 x  
1-1/2 GR8 (16)

118587 - Flat Washer,  
1/2 F436 (8)

118279 - Bolt, 1/2 x 1-1/2 GR8 (8)

118587 - Flat Washer, 1/2 F436 (16)

118729 - Lock Nut, 1/2 - Unitorque (8)

289114 - Leg Mount  
Bolt Plate, RH (2)

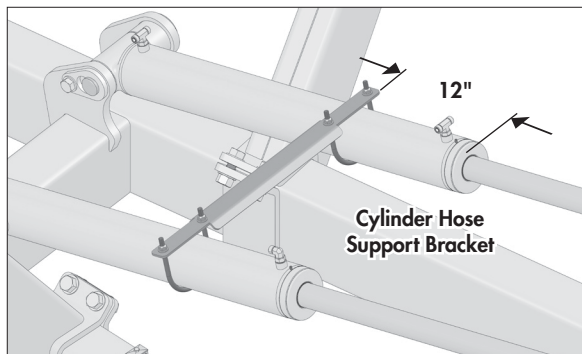
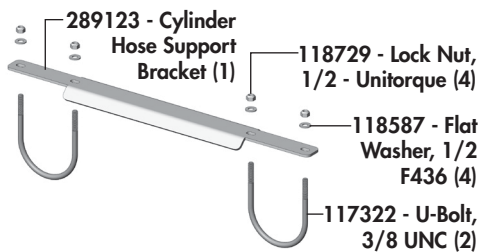
289113 -  
Leg Mount  
Bolt Plate,  
LH (2)

289124 - Frame  
Bracket Clamp (4)

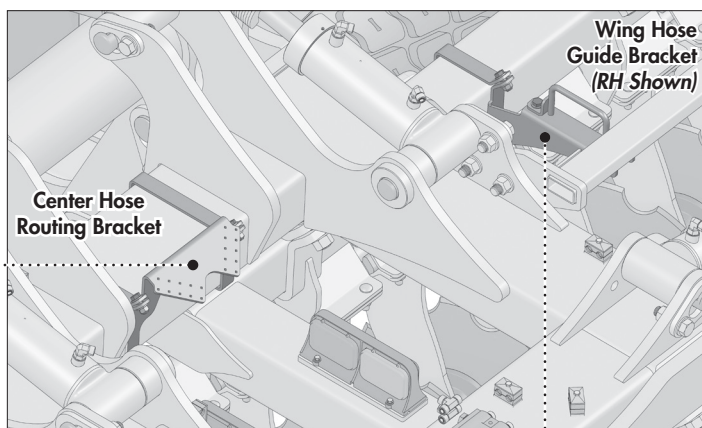
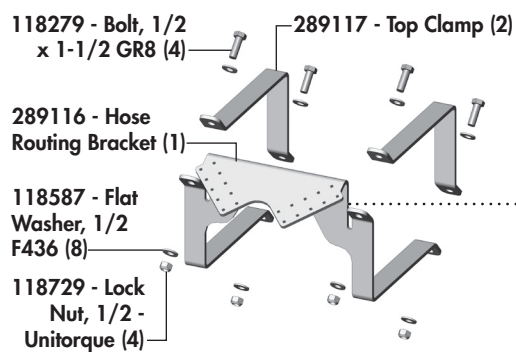


# Common Bracket Components

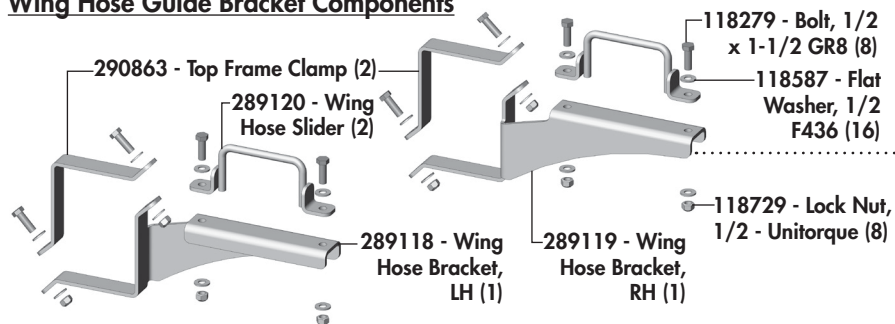
## Cylinder Hose Support Bracket Components



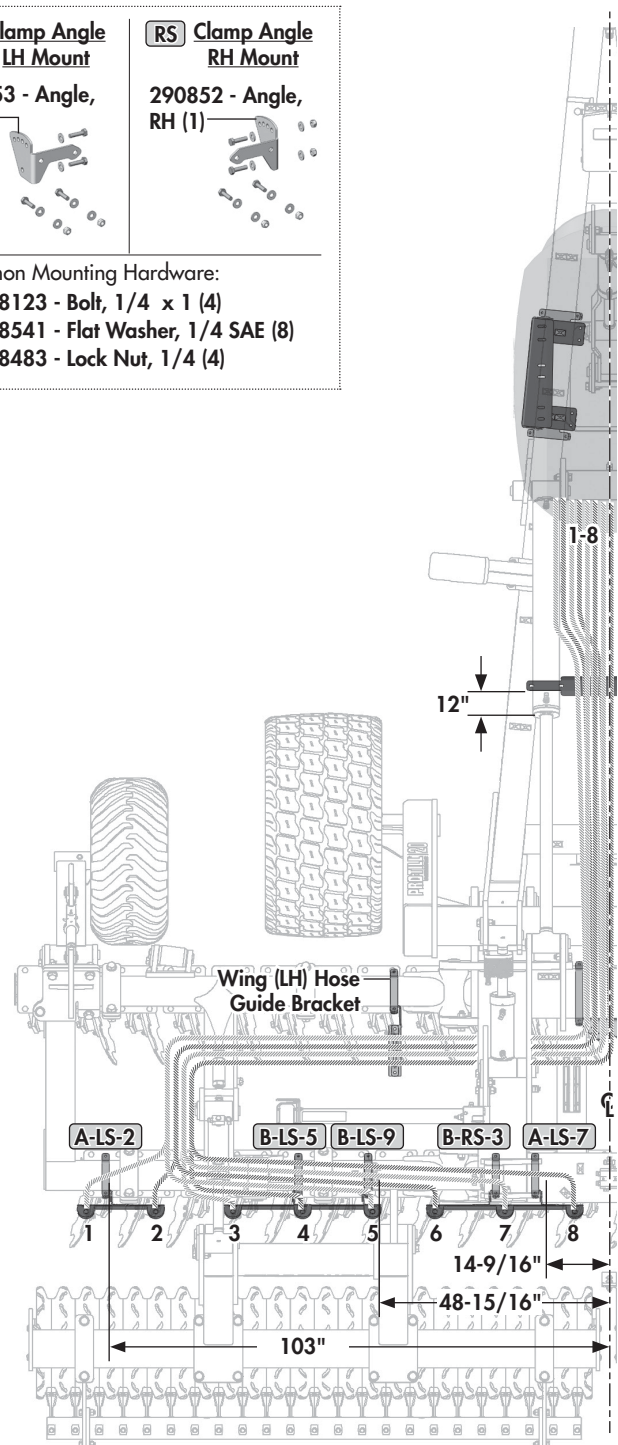
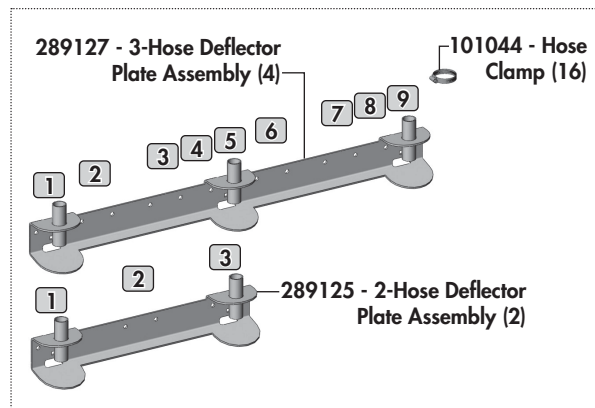
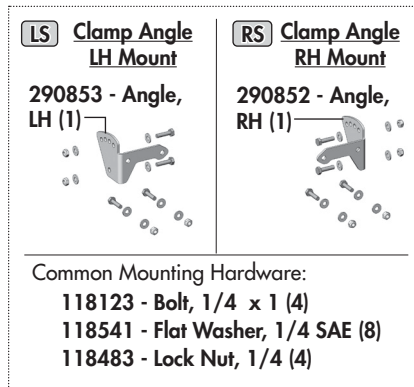
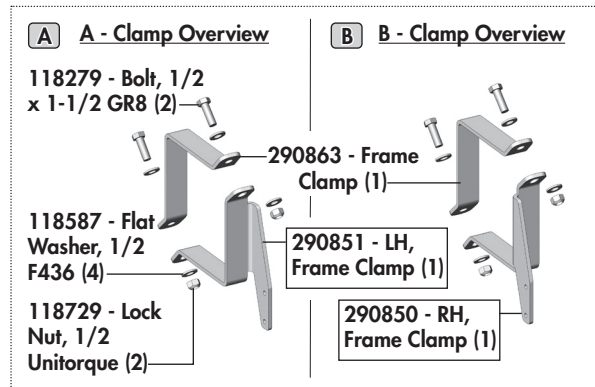
## Center Hose Routing Bracket



## Wing Hose Guide Bracket Components



# Pro-Till 20/Pro-Cast Location Overview (LH)





# Pro-Till 20/Pro-Cast Location Overview (RH)

## Approx. Hose Lengths PT20

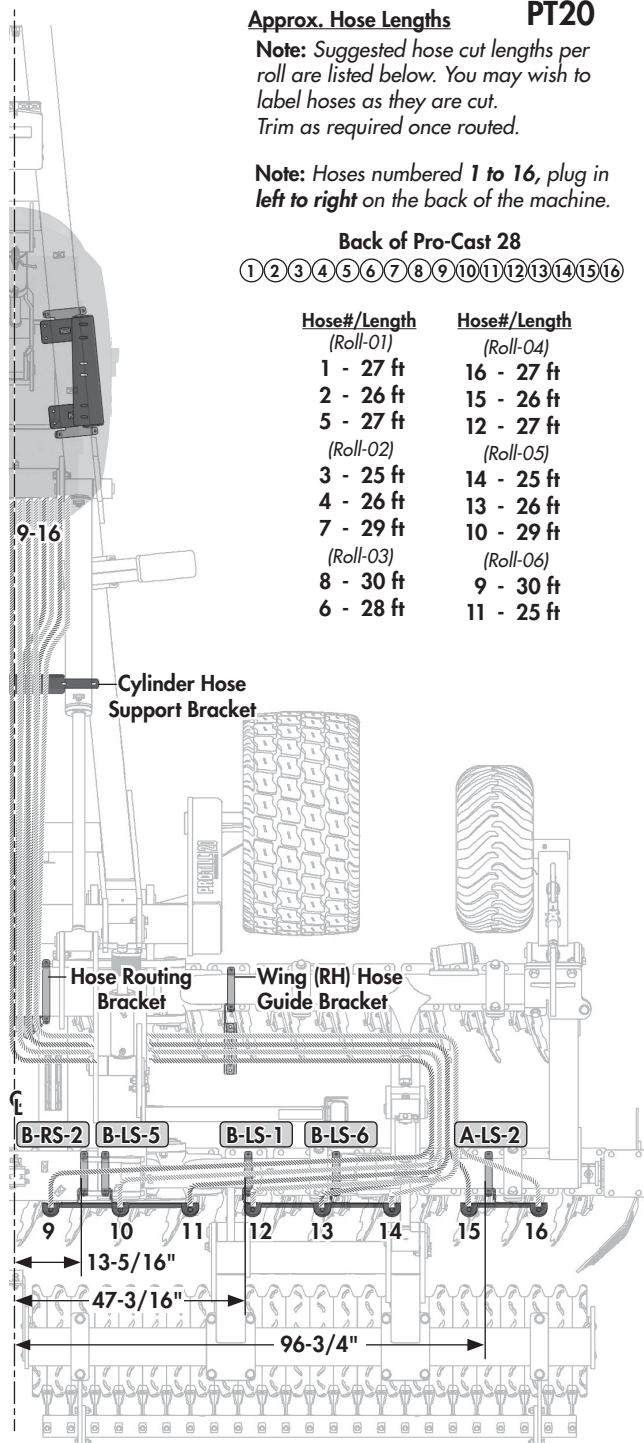
**Note:** Suggested hose cut lengths per roll are listed below. You may wish to label hoses as they are cut.  
Trim as required once routed.

**Note:** Hoses numbered 1 to 16, plug in left to right on the back of the machine.

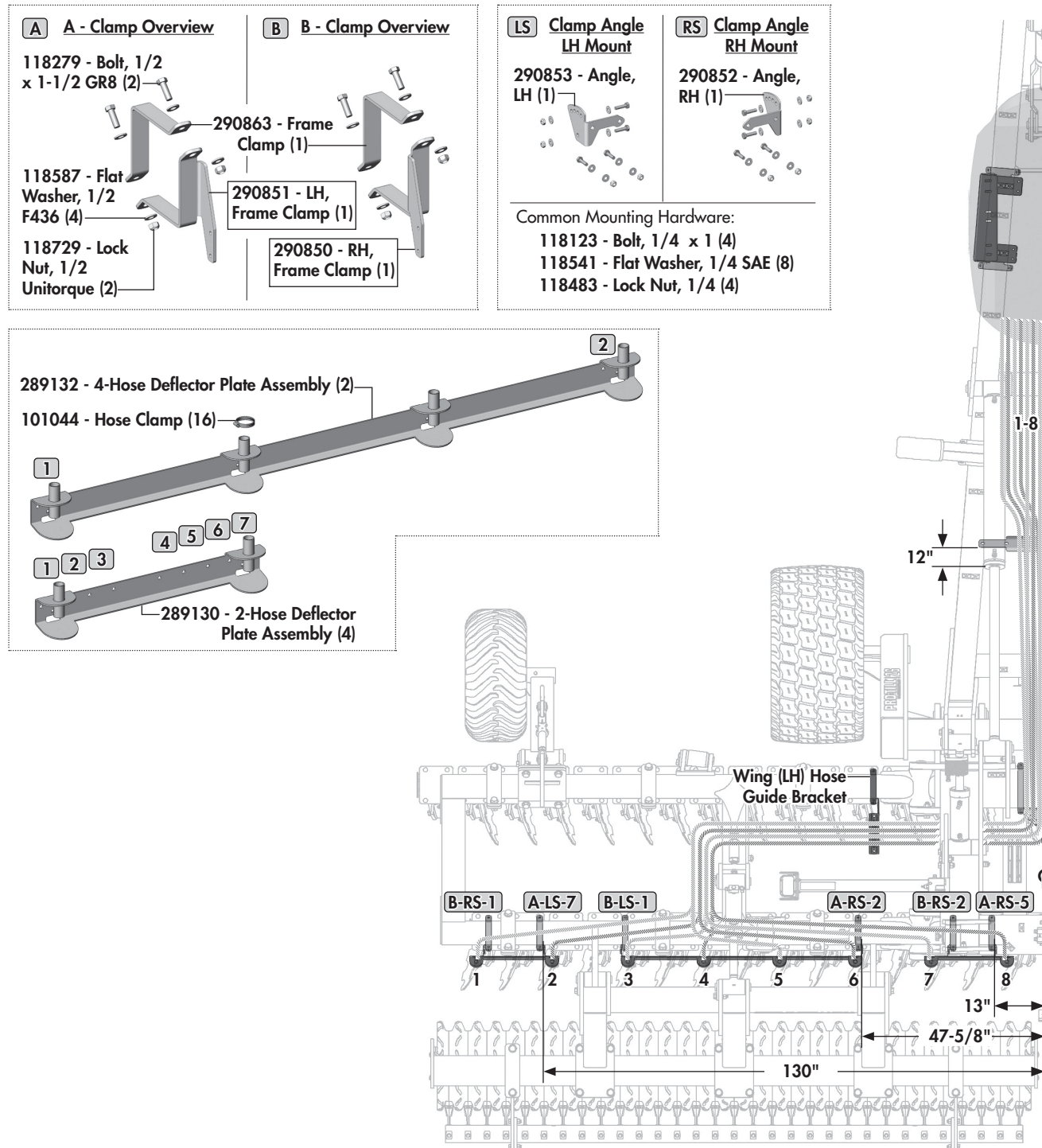
### Back of Pro-Cast 28

①②③④⑤⑥⑦⑧⑨⑩⑪⑫⑬⑭⑮⑯

Hose#/Length	Hose#/Length
(Roll-01)	(Roll-04)
1 - 27 ft	16 - 27 ft
2 - 26 ft	15 - 26 ft
5 - 27 ft	12 - 27 ft
(Roll-02)	(Roll-05)
3 - 25 ft	14 - 25 ft
4 - 26 ft	13 - 26 ft
7 - 29 ft	10 - 29 ft
(Roll-03)	(Roll-06)
8 - 30 ft	9 - 30 ft
6 - 28 ft	11 - 25 ft



# Pro-Till 26/Pro-Cast Location Overview (LH)



# Pro-Till 26/Pro-Cast Location Overview (RH)

## Approx. Hose Lengths PT26

**Note:** Suggested hose cut lengths per roll are listed below. You may wish to label hoses as they are cut. Trim as required once routed.

**Note:** Hoses numbered 1 to 16, plug in left to right on the back of the machine.

### Back of Pro-Cast 28

①②③④⑤⑥⑦⑧⑨⑩⑪⑫⑬⑭⑮⑯

Hose#/Length	Hose#/Length
(Roll-01)	(Roll-04)
1 - 28.5 ft	16 - 28. ft
2 - 27 ft	15 - 27 ft
4 - 24 ft	13 - 24 ft
(Roll-02)	(Roll-05)
3 - 25.5 ft	14 - 25.5 ft
5 - 25.5 ft	12 - 25.5 ft
7 - 28.5 ft	10 - 28.5 ft
(Roll-03)	(Roll-06)
6 - 27 ft	11 - 27 ft
8 - 30 ft	9 - 30 ft

